

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091818\
 Data File : VN051295.D
 Acq On : 18 Sep 2018 14:11
 Operator : MD\SY
 Sample : VN0918WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBS02

Manual Integrations
 APPROVED

MMDadoda
 9/19/2018 2:57:07 PM

Quant Time: Sep 18 15:04:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 18 06:04:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	536233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	735923	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	658909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	296929	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	297410	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
35) Dibromofluoromethane	7.59	113	292364	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
50) Toluene-d8	10.09	98	1077037	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.40	95	324421	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	98486	18.938	ug/l	97
3) Chloromethane	2.06	50	132667	19.395	ug/l	99
4) Vinyl Chloride	2.18	62	136166	19.395	ug/l	100
5) Bromomethane	2.57	94	77558	19.027	ug/l	95
6) Chloroethane	2.70	64	80122	19.130	ug/l	93
7) Trichlorofluoromethane	3.01	101	184854	19.213	ug/l	99
8) Diethyl Ether	3.42	74	60404	19.186	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	111925	18.617	ug/l	99
10) Methyl Iodide	3.95	142	94157	19.761	ug/l	99
11) Tert butyl alcohol	4.80	59	33800	105.323	ug/l #	73
12) 1,1-Dichloroethene	3.74	96	104519	19.249	ug/l	99
13) Acrolein	3.61	56	39470	87.866	ug/l	97
14) Allyl chloride	4.33	41	147860	18.447	ug/l	98
15) Acrylonitrile	4.99	53	174250	103.783	ug/l	100
16) Acetone	3.82	43	124654	91.547	ug/l	99
17) Carbon Disulfide	4.05	76	307535	18.367	ug/l	100
18) Methyl Acetate	4.33	43	84155	20.813	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	259908	19.973	ug/l	100
20) Methylene Chloride	4.55	84	120951	18.962	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	110219	18.517	ug/l	99
22) Diisopropyl ether	5.96	45	323802	20.856	ug/l	98
23) Vinyl Acetate	5.90	43	1011242	100.524	ug/l	100
24) 1,1-Dichloroethane	5.85	63	200668	19.333	ug/l	99
25) 2-Butanone	6.84	43	178896	95.827	ug/l	97
26) 2,2-Dichloropropane	6.83	77	152852	18.107	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	122453	19.257	ug/l	99
28) Bromochloromethane	7.20	49	88587	19.379	ug/l	99
29) Tetrahydrofuran	7.22	42	121413	105.189	ug/l	100
30) Chloroform	7.37	83	208060	19.626	ug/l	100
31) Cyclohexane	7.66	56	173165	18.381	ug/l #	93
32) 1,1,1-Trichloroethane	7.57	97	178933	19.669	ug/l	100
36) 1,1-Dichloropropene	7.80	75	154599	19.407	ug/l	98
37) Ethyl Acetate	6.93	43	81844	19.984	ug/l	99
38) Carbon Tetrachloride	7.78	117	162786	19.597	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	161749	18.691	ug/l	97
40) Benzene	8.04	78	477006	20.125	ug/l	100
41) Methacrylonitrile	7.18	41	35800	17.036	ug/l #	75
42) 1,2-Dichloroethane	8.13	62	140294	20.130	ug/l	99
43) Isopropyl Acetate	8.17	43	147022	20.748	ug/l #	87
44) Trichloroethene	8.84	130	130746	19.623	ug/l	98
45) 1,2-Dichloropropane	9.12	63	121825	20.273	ug/l	98
46) Dibromomethane	9.21	93	73028	19.950	ug/l	99
47) Bromodichloromethane	9.40	83	155784	19.967	ug/l	98
48) Methyl methacrylate	9.20	41	71124	20.841	ug/l	98
49) 1,4-Dioxane	9.20	88	20901	423.316	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	404533	110.637	ug/l	99
52) Toluene	10.16	92	292563	20.620	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	144415	19.698	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	173420	19.805	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	105790	20.852	ug/l	97
56) Ethyl methacrylate	10.43	69	114419	19.060	ug/l	98
57) 1,3-Dichloropropane	10.71	76	174237	21.083	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	245821	91.322	ug/l	99
59) 2-Hexanone	10.75	43	241213	100.196	ug/l	100
60) Dibromochloromethane	10.90	129	120914	20.251	ug/l	99
61) 1,2-Dibromoethane	11.01	107	102263	20.971	ug/l	99
64) Tetrachloroethene	10.63	164	122856	19.640	ug/l	98
65) Chlorobenzene	11.43	112	315818	19.377	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	121990	19.770	ug/l	99
67) Ethyl Benzene	11.51	91	508393	19.574	ug/l	99
68) m/p-Xylenes	11.62	106	407341	40.372	ug/l	100
69) o-Xylene	11.95	106	194191	20.195	ug/l	99
70) Styrene	11.96	104	301828	18.549	ug/l	99
71) Bromoform	12.13	173	81778	19.986	ug/l #	99
73) Isopropylbenzene	12.25	105	503537	20.108	ug/l	100
74) N-amyl acetate	12.07	43	97589	18.986	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	127943	23.015	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	106034m	24.704	ug/l	
77) Bromobenzene	12.53	156	134125	20.893	ug/l	99
78) n-propylbenzene	12.59	91	546518	20.234	ug/l	99
79) 2-Chlorotoluene	12.68	91	339354	19.766	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	416000	20.778	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	26266	19.647	ug/l	97
82) 4-Chlorotoluene	12.77	91	327178	20.032	ug/l	99
83) tert-Butylbenzene	12.99	119	359288	20.307	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	415481	21.370	ug/l	99
85) sec-Butylbenzene	13.17	105	463469	20.629	ug/l	100
86) p-Isopropyltoluene	13.29	119	392795	20.850	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	213464	19.297	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	202785	19.604	ug/l	98
89) n-Butylbenzene	13.62	91	265813	18.505	ug/l	100
90) Hexachloroethane	13.87	117	74911	19.868	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	210219	20.322	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	15579	21.423	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	64601	16.633	ug/l	100
94) Hexachlorobutadiene	15.01	225	73380	20.802	ug/l	99
95) Naphthalene	15.13	128	114426	16.779	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	70495	17.587	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

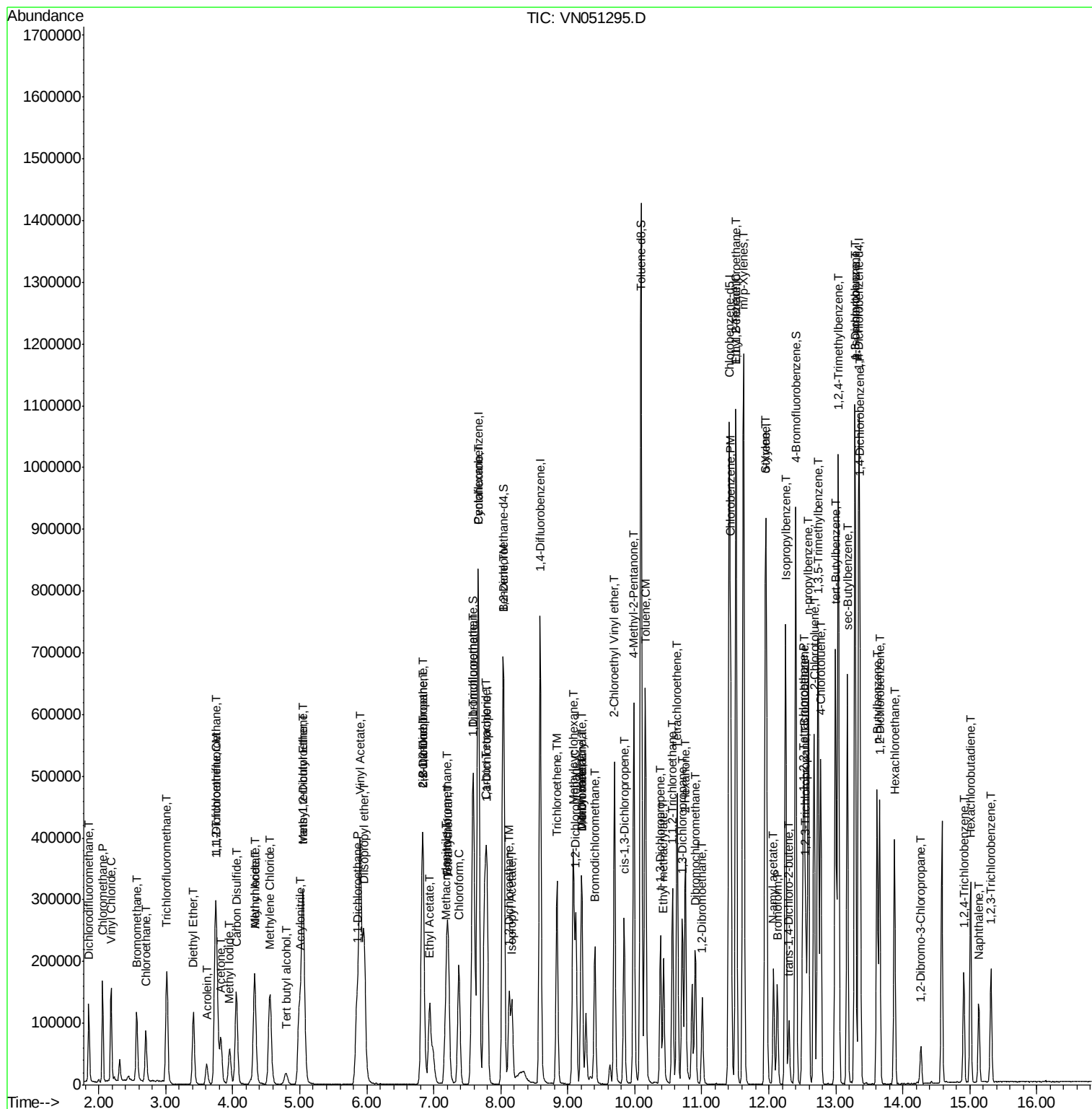
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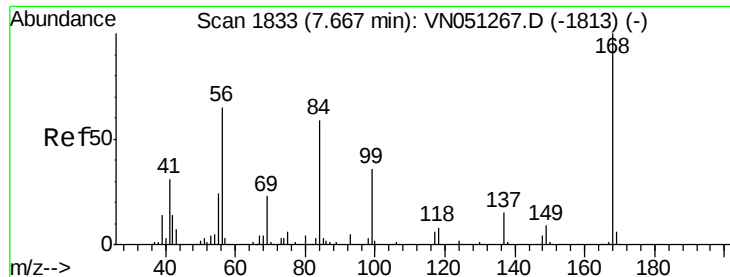
Instrument :
MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051295.D

Acq: 18 Sep 2018 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBS02

Tgt Ion: 168 Resp: 536233

Ion Ratio Lower Upper

168 100

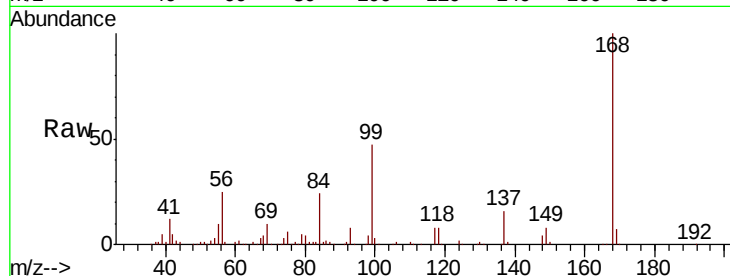
99 47.1 38.2 57.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VN051267.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN051267.D (-1813) (-)

7.67

250000

200000

150000

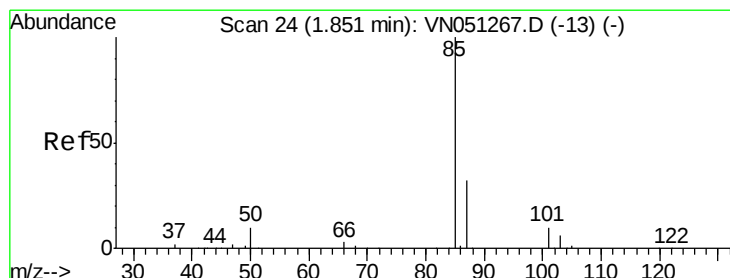
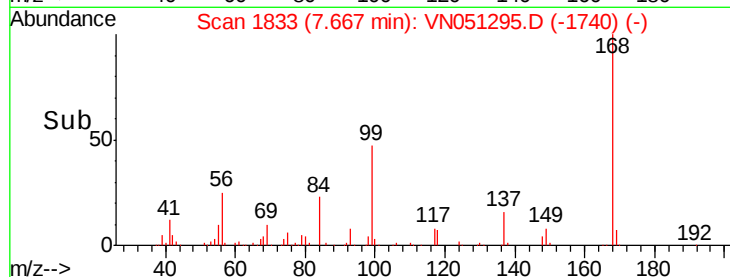
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50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.938 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN051295.D

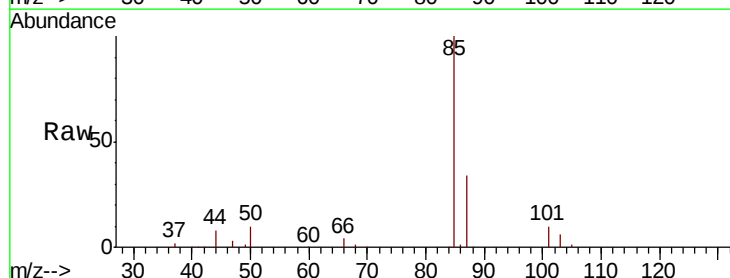
Acq: 18 Sep 2018 14:11

Tgt Ion: 85 Resp: 98486

Ion Ratio Lower Upper

85 100

87 33.9 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN051267.D (-13) (-)

Ion 86.90 (86.60 to 87.60): VN051267.D (-13) (-)

1.85

80000

60000

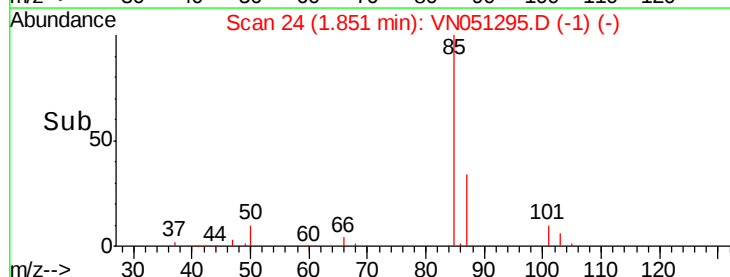
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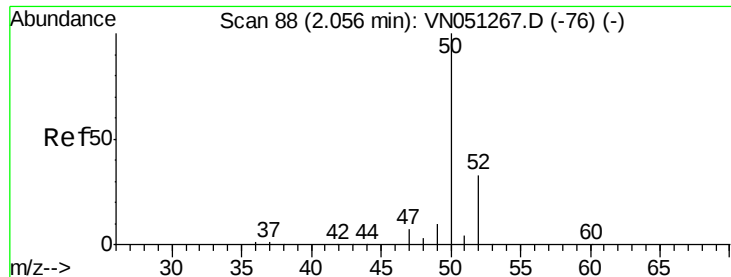
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 19.395 ug/l

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN051295.D

Acq: 18 Sep 2018 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBS02

Tgt Ion: 50 Resp: 132667

Ion Ratio Lower Upper

50 100

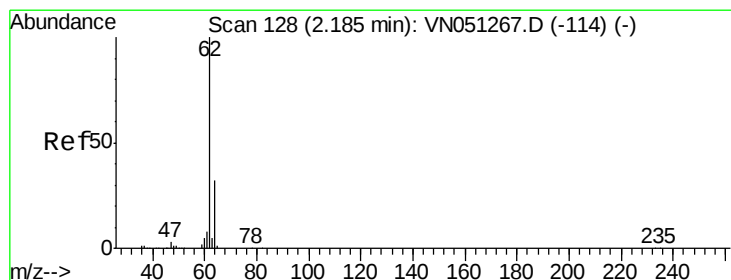
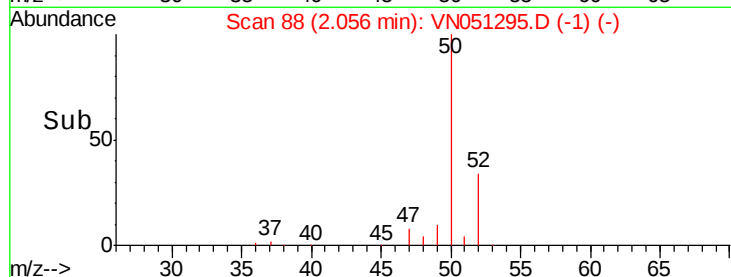
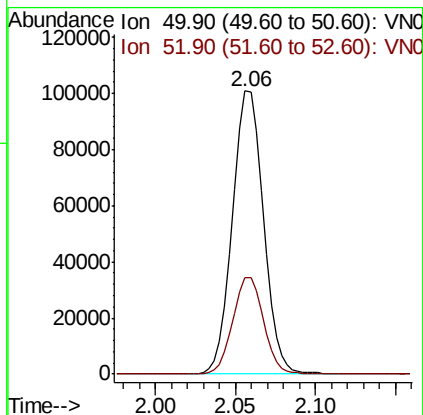
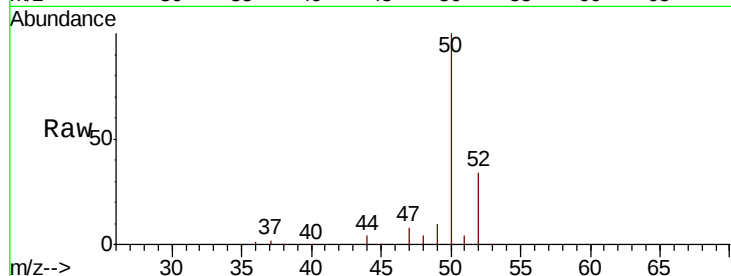
52 34.0 26.6 40.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.395 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN051295.D

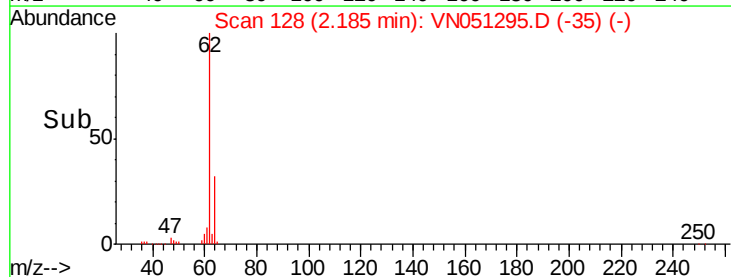
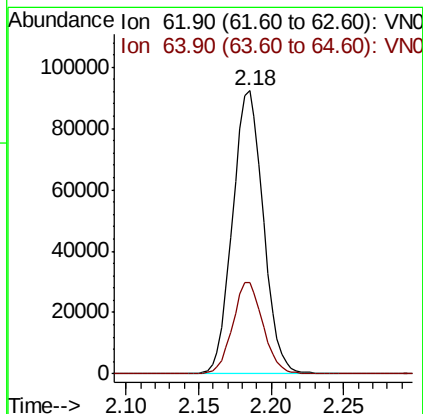
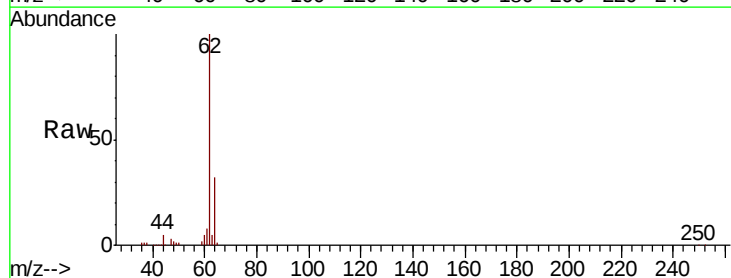
Acq: 18 Sep 2018 14:11

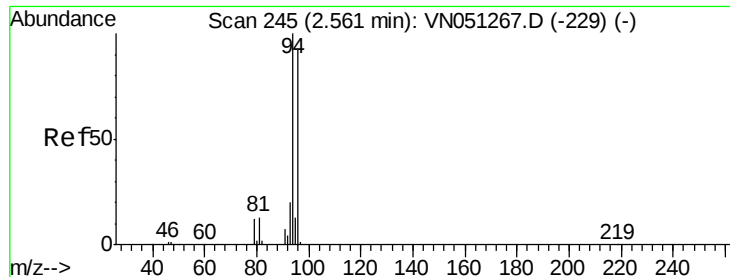
Tgt Ion: 62 Resp: 136166

Ion Ratio Lower Upper

62 100

64 32.3 25.8 38.6





#5

Bromomethane

Concen: 19.027 ug/l

RT: 2.57 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN051295.D

Acq: 18 Sep 2018 14:11

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Tgt Ion: 94 Resp: 77558

Ion Ratio Lower Upper

94 100

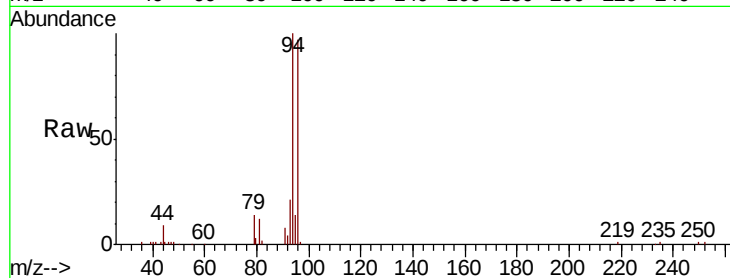
96 97.1 73.8 110.8

Manual Integrations

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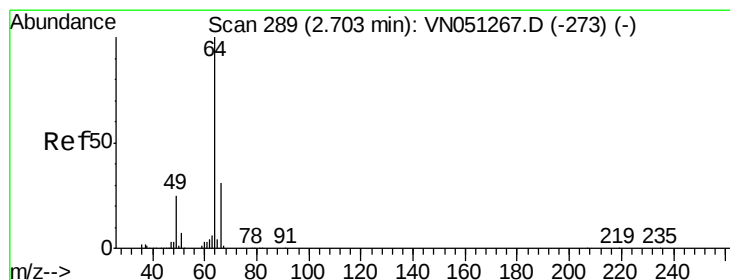
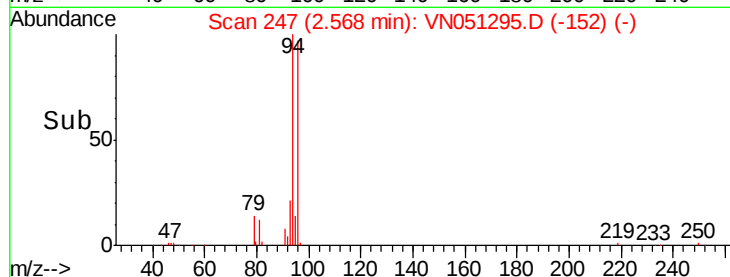
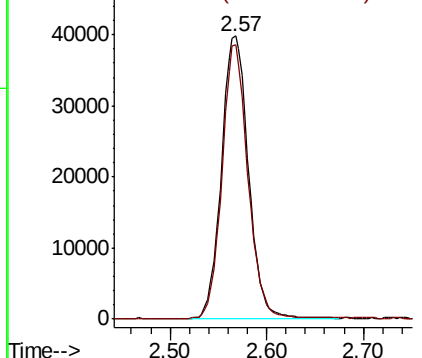
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.130 ug/l

RT: 2.70 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN051295.D

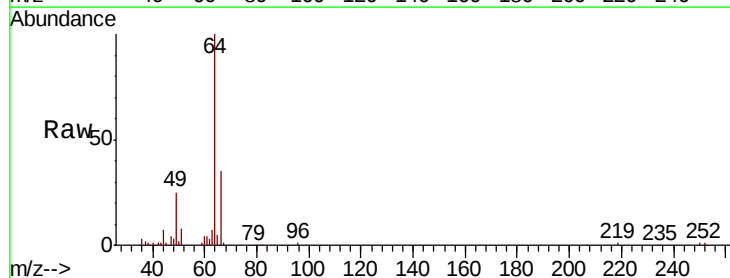
Acq: 18 Sep 2018 14:11

Tgt Ion: 64 Resp: 80122

Ion Ratio Lower Upper

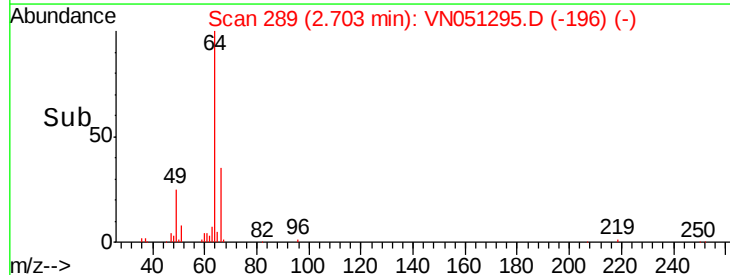
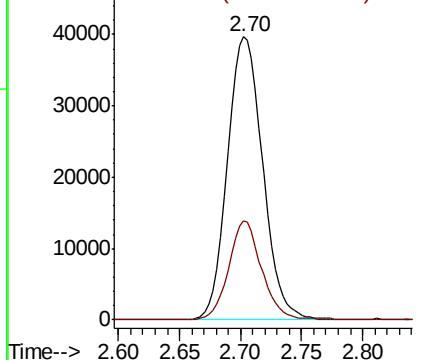
64 100

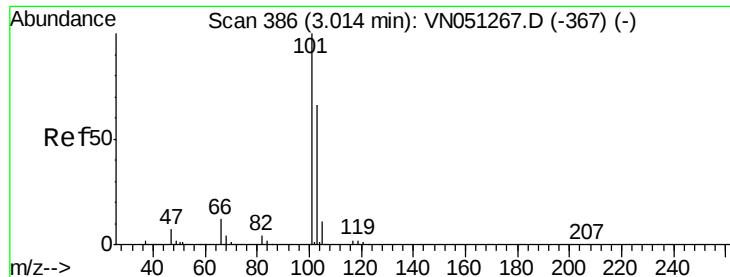
66 34.8 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

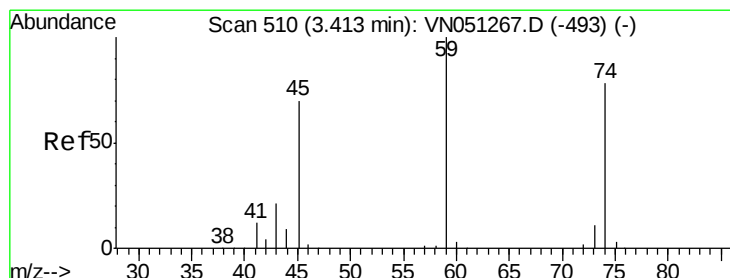
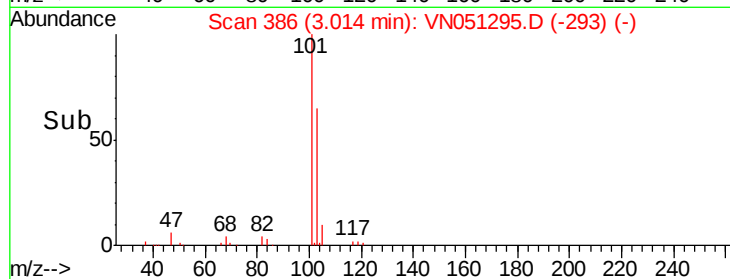
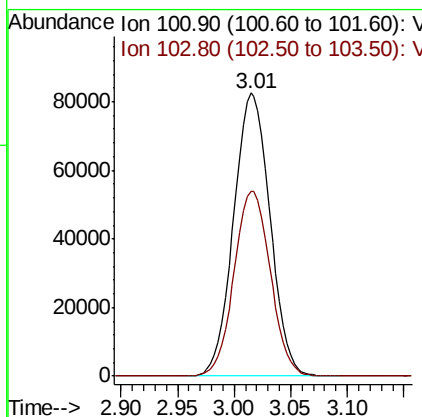
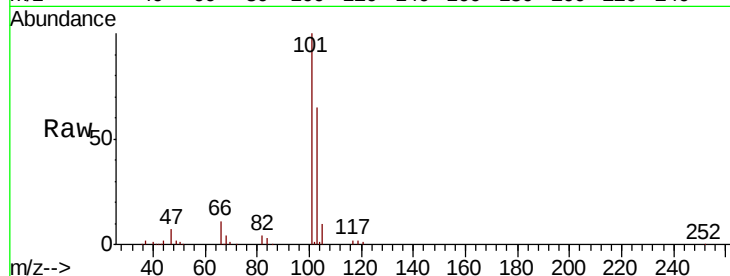
Trichlorofluoromethane
Concen: 19.213 ug/l
RT: 3.01 min Scan# 386
Delta R.T. 0.00 min
Lab File: VN051295.D
Acq: 18 Sep 2018 14:11

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Tgt Ion	Ratio	Resp	Lower	Upper
101	100	184854		
103	65.4	52.7	79.1	

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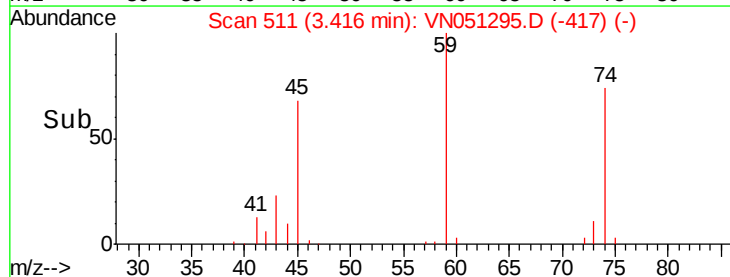
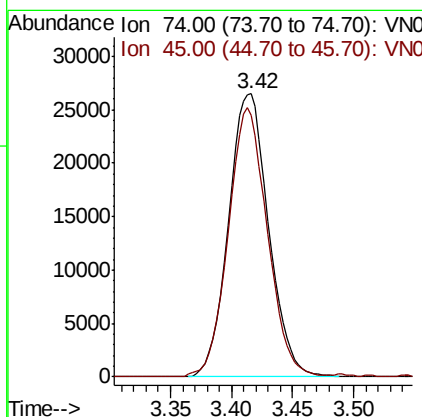
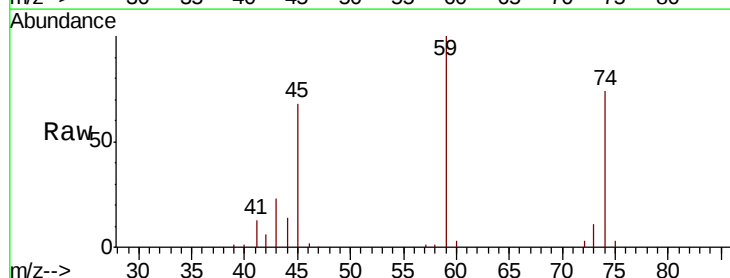
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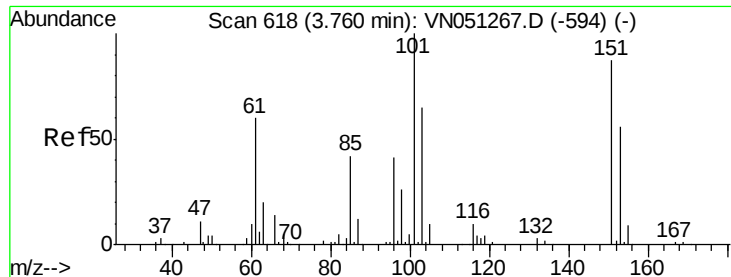


#8

Diethyl Ether
Concen: 19.186 ug/l
RT: 3.42 min Scan# 511
Delta R.T. 0.00 min
Lab File: VN051295.D
Acq: 18 Sep 2018 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	60404		
45	92.7	46.4	139.2	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.617 ug/l

RT: 3.76 min Scan# 618

Delta R.T. 0.00 min

Lab File: VN051295.D

Acq: 18 Sep 2018 14:11

Instrument :

MSVOA_N

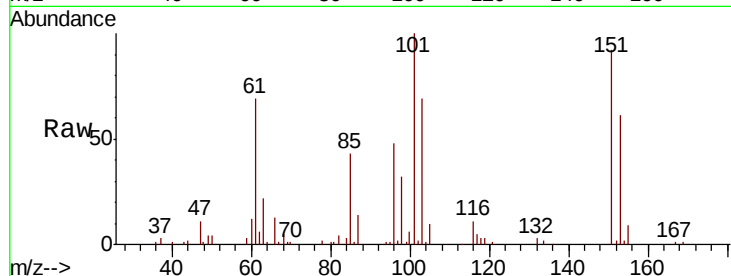
ClientSampleId :

VN0918WBS02

Tgt Ion:	101	Resp:	111925
Ion Ratio	Lower	Upper	
101	100		
85	41.9	33.0	49.6
151	88.0	69.8	104.8

Manual Integrations
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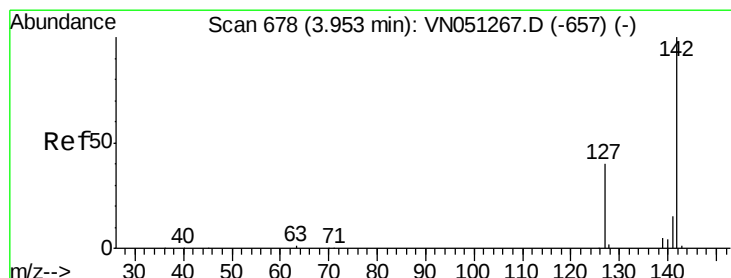
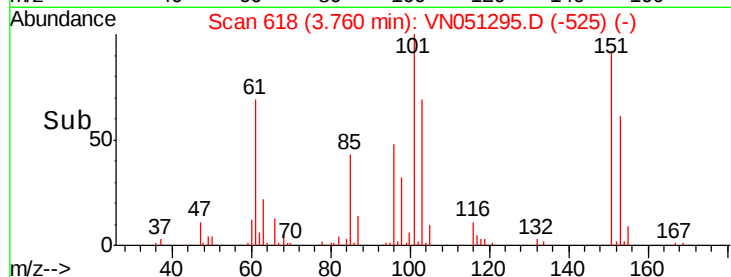
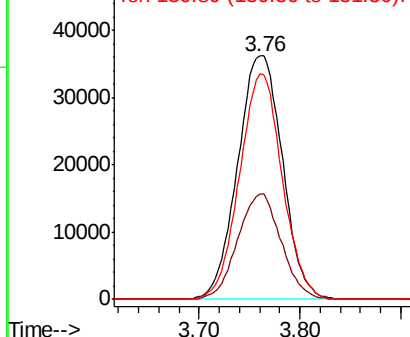


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.761 ug/l

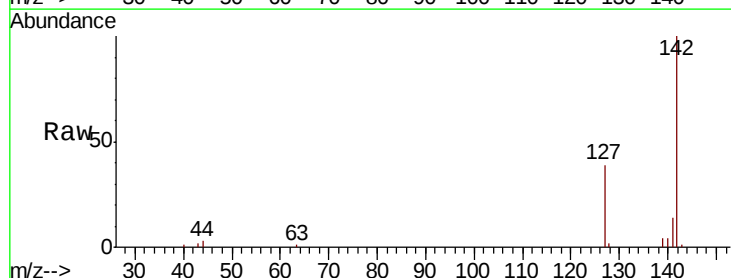
RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN051295.D

Acq: 18 Sep 2018 14:11

Tgt Ion:	142	Resp:	94157
Ion Ratio	Lower	Upper	
142	100		
127	40.3	31.7	47.5
141	14.6	11.6	17.4

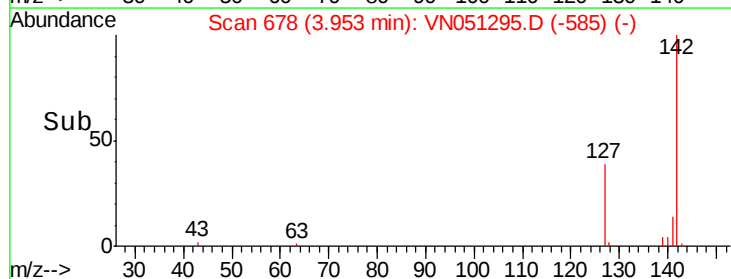
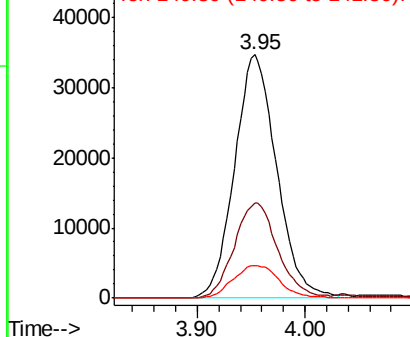


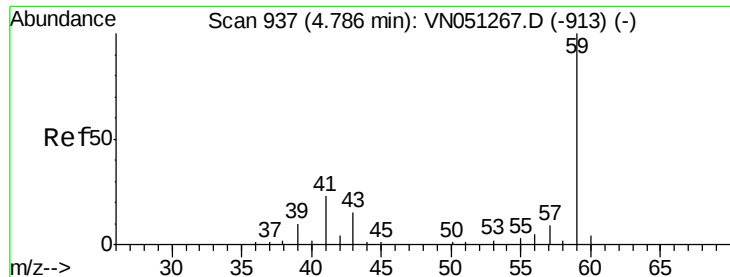
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





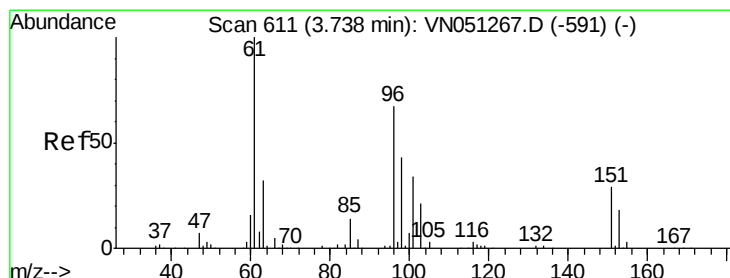
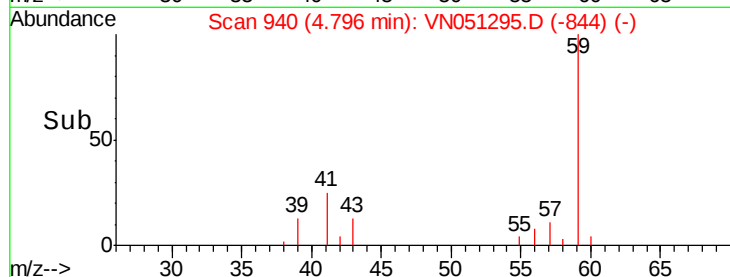
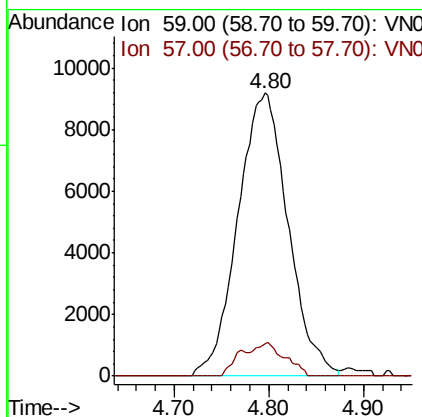
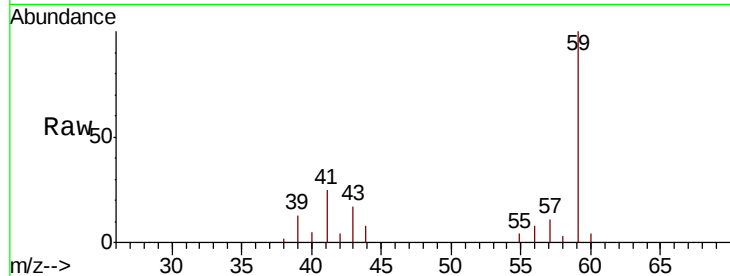
#11
Tert butyl alcohol
Concen: 105.323 ug/l
RT: 4.80 min Scan# 940
Delta R.T. 0.01 min
Lab File: VN051295.D
Acq: 18 Sep 2018 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS02

Tgt Ion: 59 Resp: 33800
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

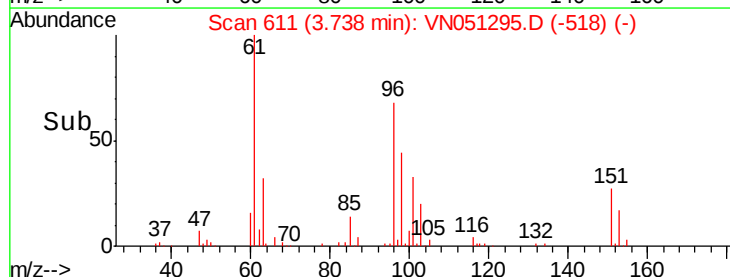
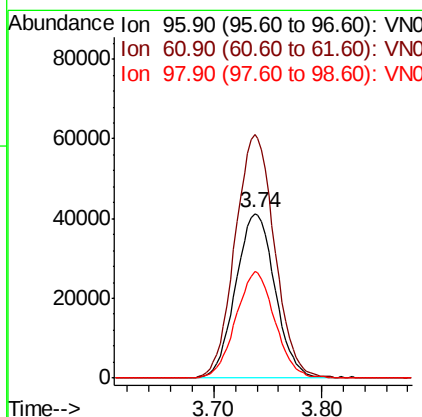
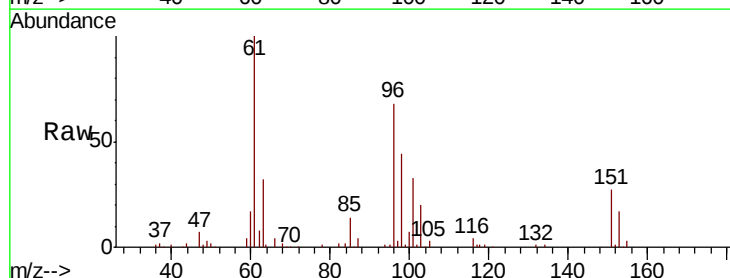
Manual Integrations
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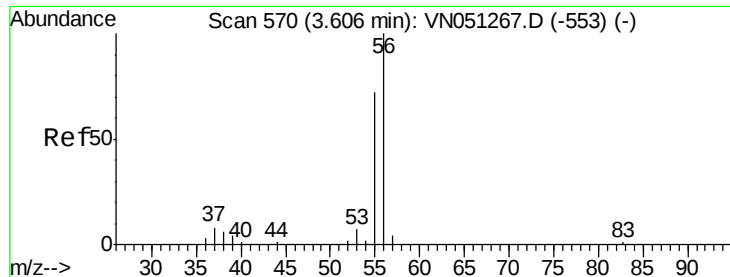
MMDadoda
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#12
1,1-Dichloroethene
Concen: 19.249 ug/l
RT: 3.74 min Scan# 611
Delta R.T. 0.00 min
Lab File: VN051295.D
Acq: 18 Sep 2018 14:11

Tgt Ion: 96 Resp: 104519
Ion Ratio Lower Upper
96 100
61 147.9 119.3 178.9
98 64.6 51.8 77.6





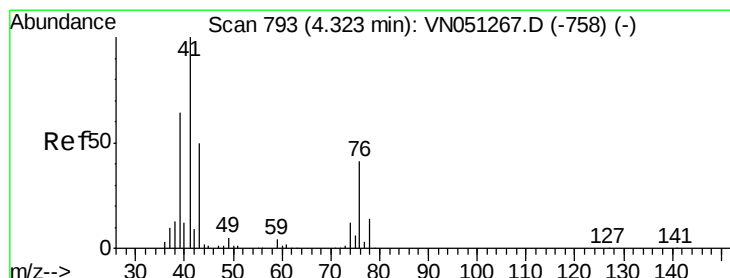
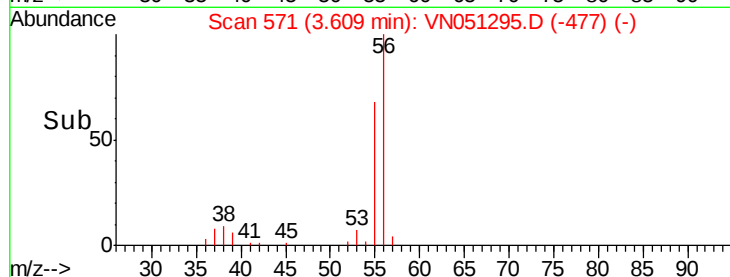
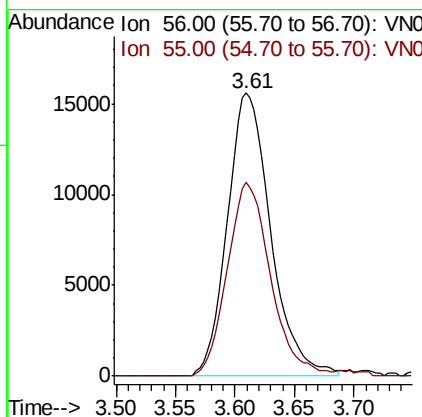
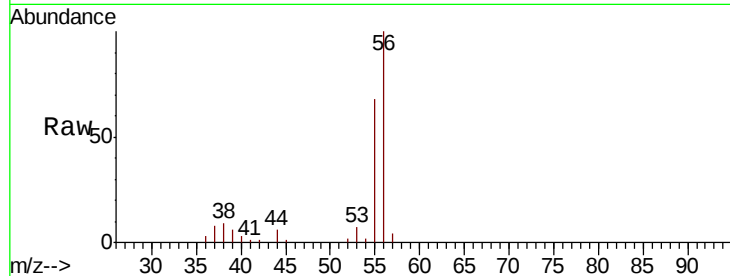
#13
 Acrolein
 Concen: 87.866 ug/l
 RT: 3.61 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: VN051295.D
 Acq: 18 Sep 2018 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBS02

Tgt Ion: 56 Resp: 39470
 Ion Ratio Lower Upper
 56 100
 55 68.2 56.4 84.6

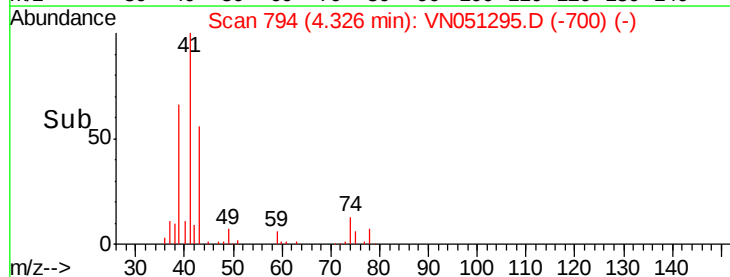
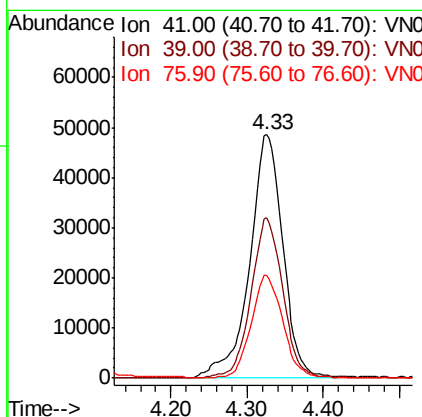
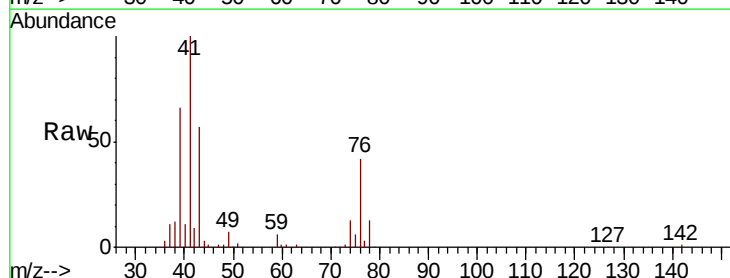
Manual Integrations
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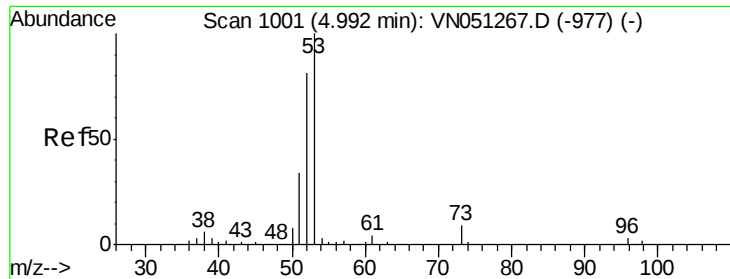
MMDadoda
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#14
 Allyl chloride
 Concen: 18.447 ug/l
 RT: 4.33 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: VN051295.D
 Acq: 18 Sep 2018 14:11

Tgt Ion: 41 Resp: 147860
 Ion Ratio Lower Upper
 41 100
 39 63.0 49.0 73.4
 76 40.2 31.4 47.0





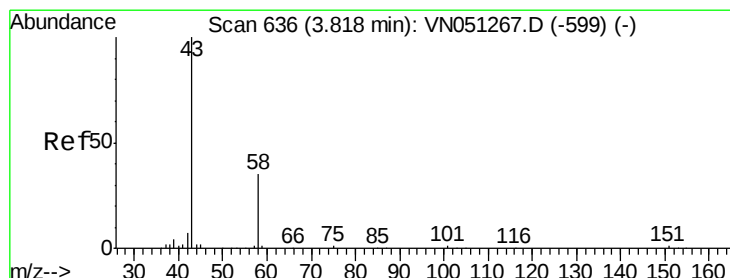
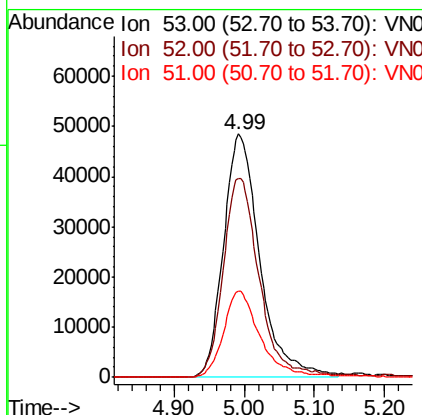
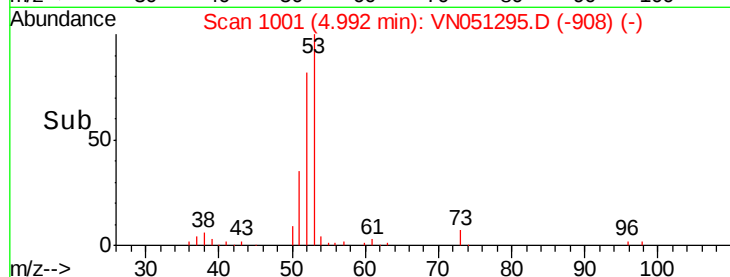
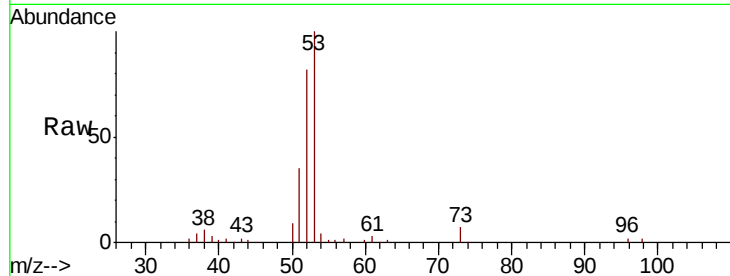
#15
 Acrylonitrile
 Concen: 103.783 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VN051295.D
 Acq: 18 Sep 2018 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBS02

Tgt Ion	Ratio	Lower	Upper
53	100		
52	81.1	65.0	97.6
51	35.3	28.0	42.0

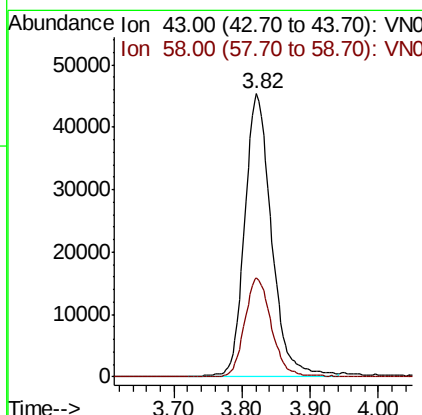
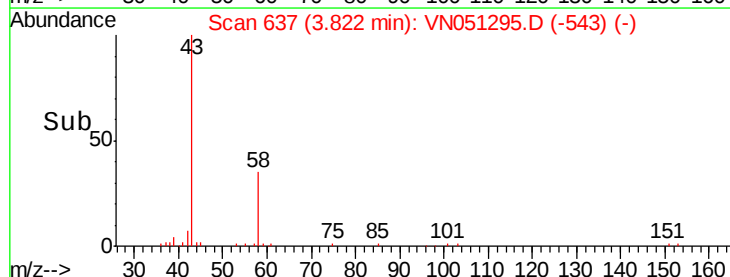
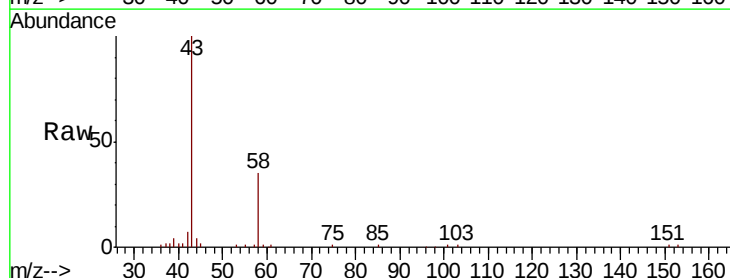
Manual Integrations
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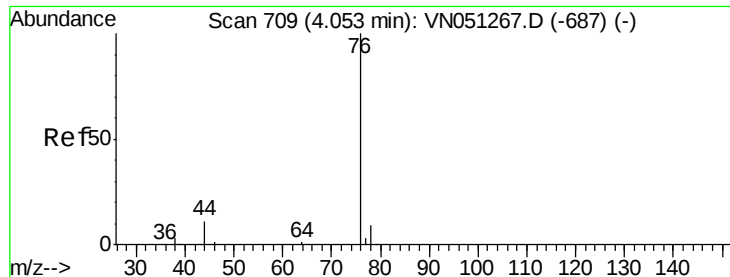
MMDadoda
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#16
 Acetone
 Concen: 91.547 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VN051295.D
 Acq: 18 Sep 2018 14:11

Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.9	28.2	42.2





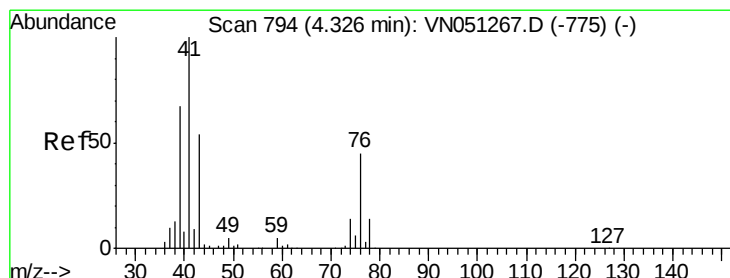
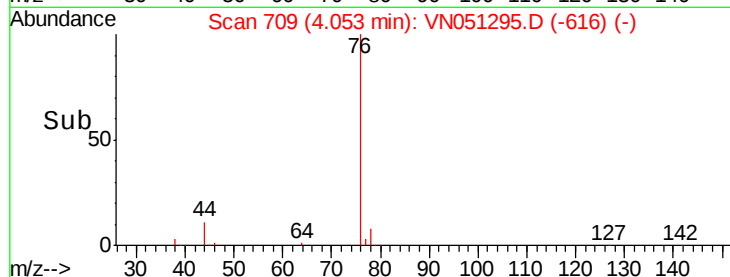
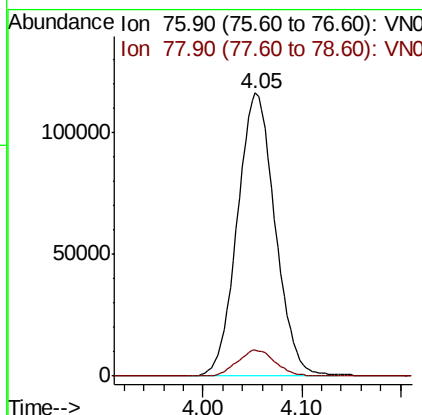
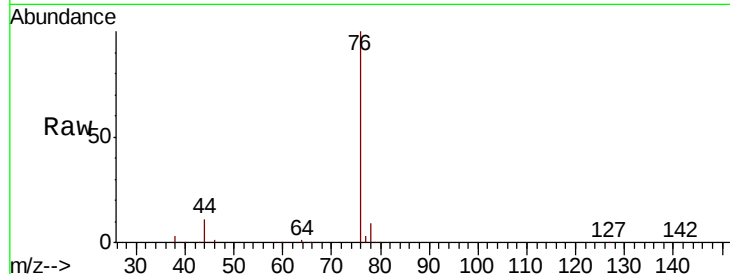
#17
Carbon Disulfide
Concen: 18.367 ug/l
RT: 4.05 min Scan# 709
Delta R.T. 0.00 min
Lab File: VN051295.D
Acq: 18 Sep 2018 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS02

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.0

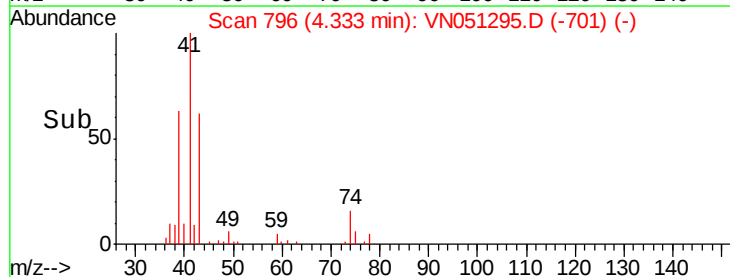
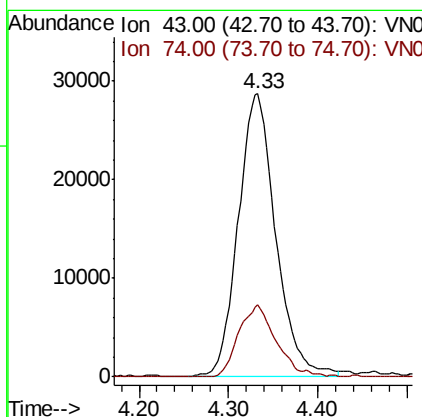
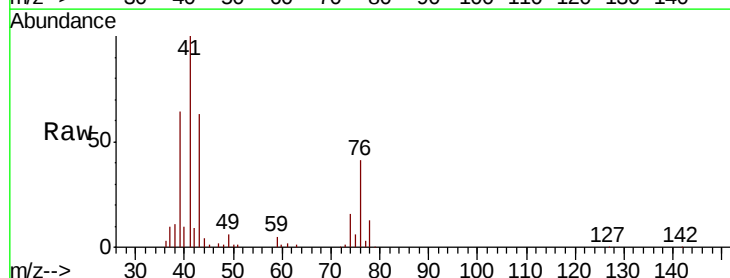
Manual Integrations
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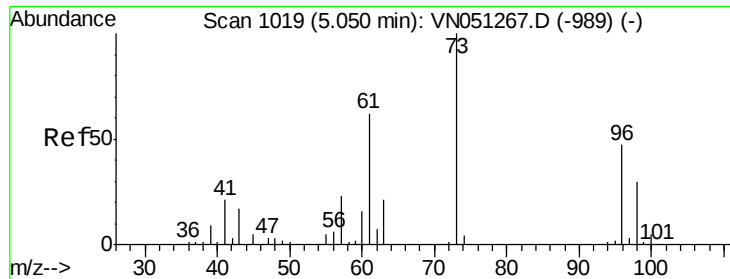
MMDadoda
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#18
Methyl Acetate
Concen: 20.813 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN051295.D
Acq: 18 Sep 2018 14:11

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.5	20.8	31.2





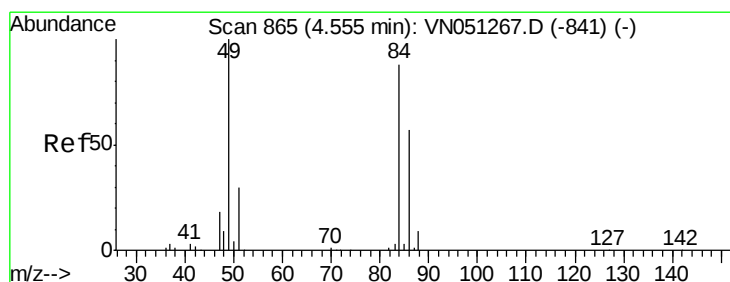
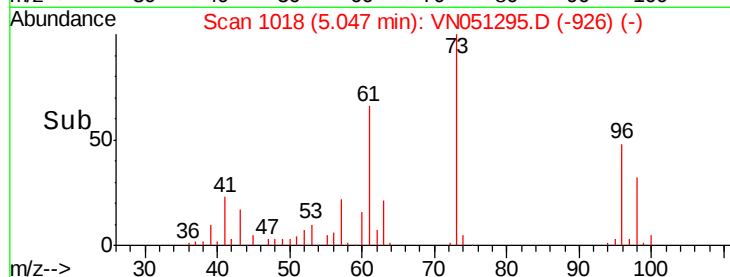
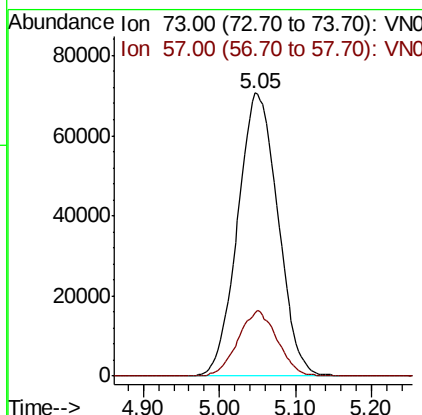
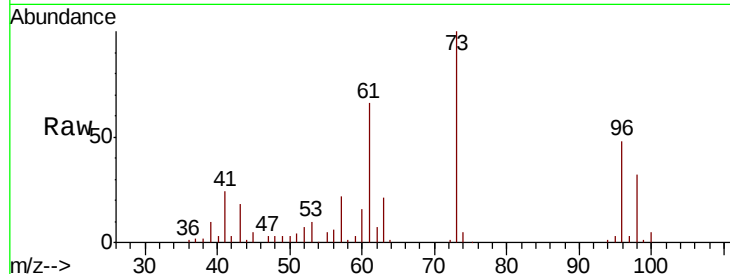
#19
Methyl tert-butyl Ether
Concen: 19.973 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN051295.D
Acq: 18 Sep 2018 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS02

Tgt Ion: 73 Resp: 259908
Ion Ratio Lower Upper
73 100
57 22.4 18.1 27.1

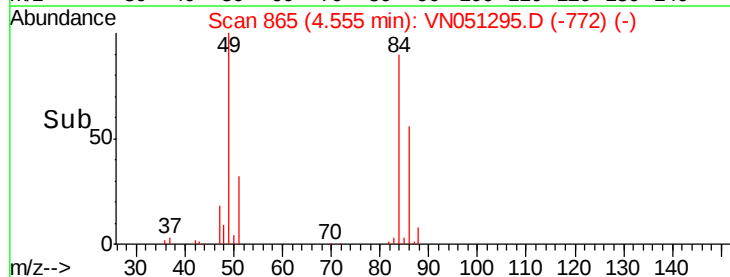
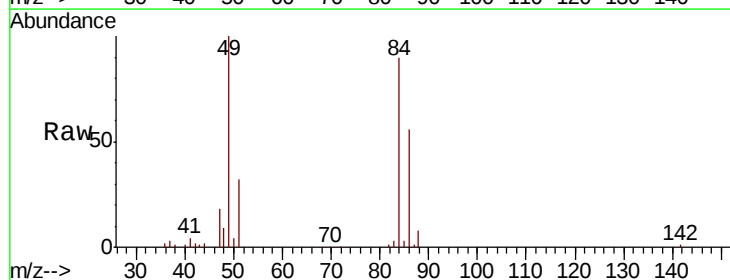
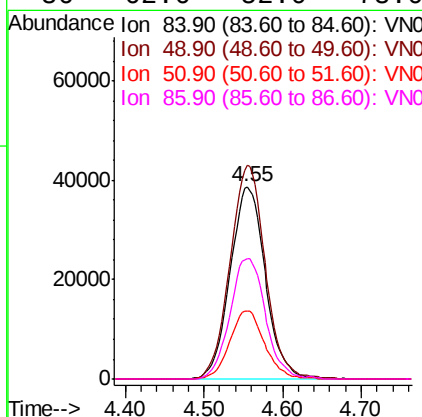
Manual Integrations
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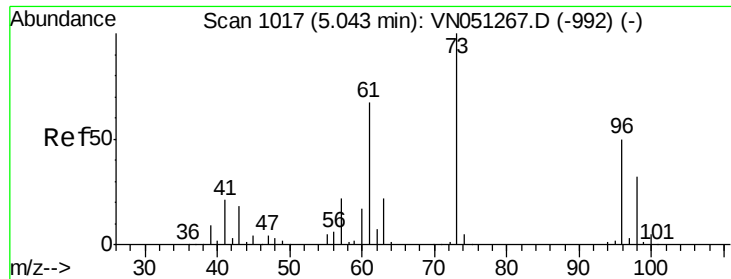
MMDadoda
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#20
Methylene Chloride
Concen: 18.962 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051295.D
Acq: 18 Sep 2018 14:11

Tgt Ion: 84 Resp: 120951
Ion Ratio Lower Upper
84 100
49 111.0 91.2 136.8
51 35.2 27.7 41.5
86 62.6 52.0 78.0





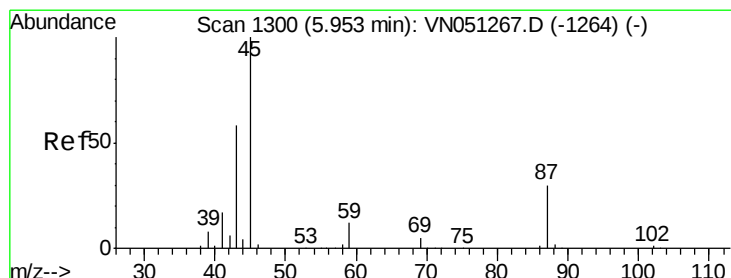
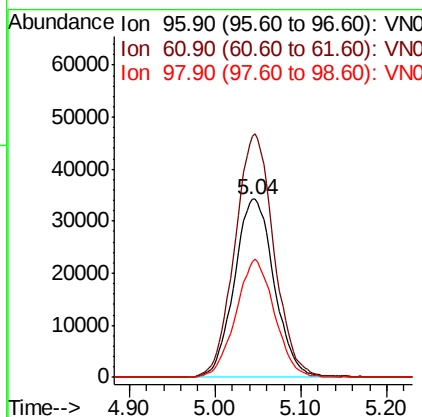
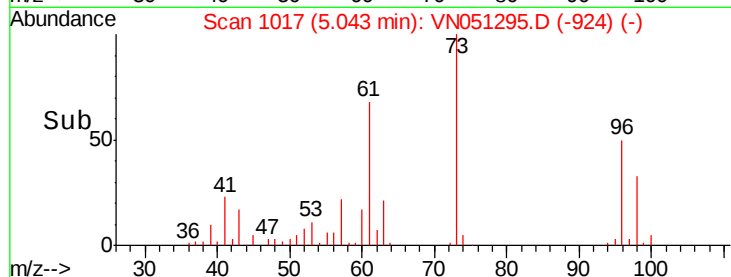
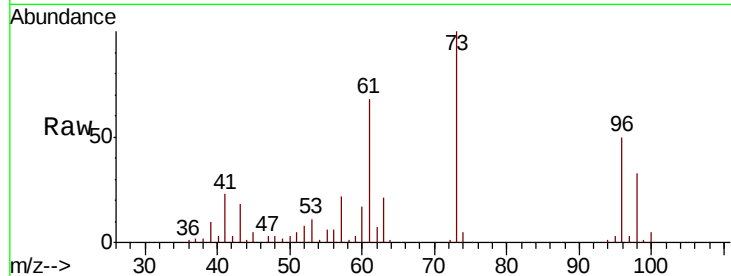
#21
trans-1,2-Dichloroethene
Concen: 18.517 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VN051295.D
Acq: 18 Sep 2018 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	135.1	106.7	160.1
98	65.2	51.4	77.0

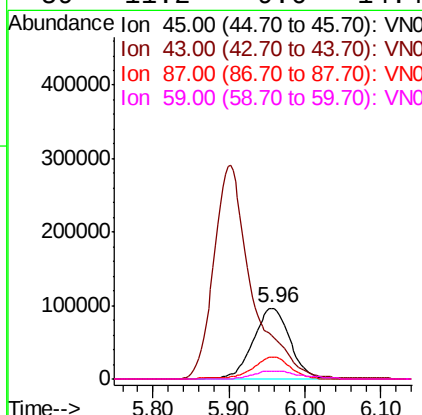
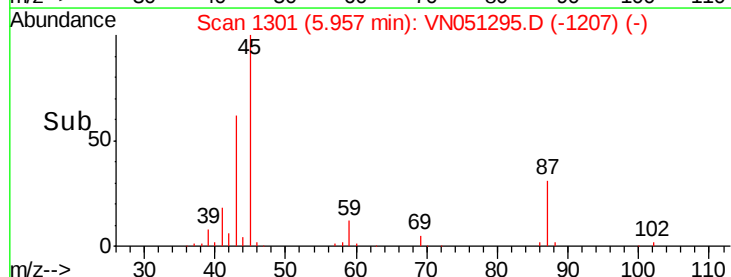
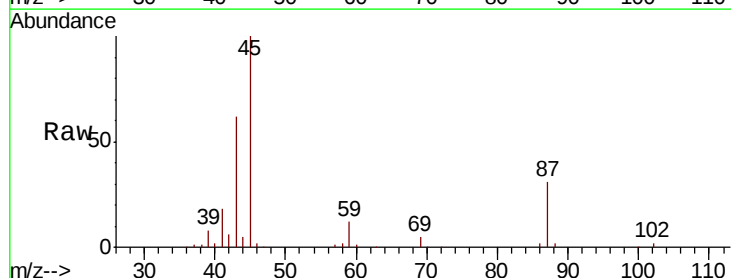
Manual Integrations
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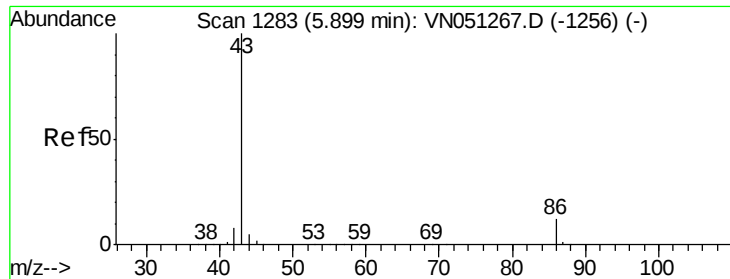
MMDadoda
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#22
Diisopropyl ether
Concen: 20.856 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN051295.D
Acq: 18 Sep 2018 14:11

Tgt Ion	Ratio	Lower	Upper
45	100		
43	60.1	46.7	70.1
87	31.0	24.6	36.8
59	11.2	9.6	14.4





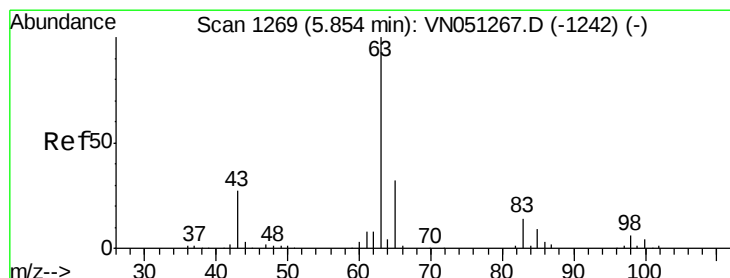
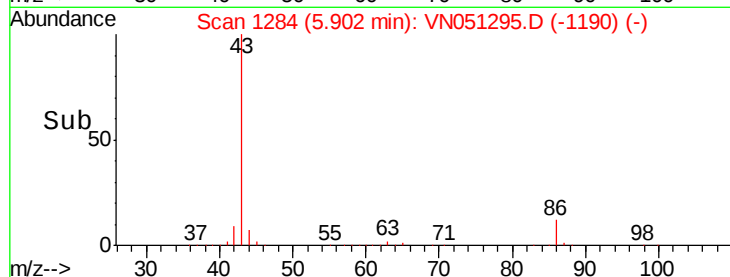
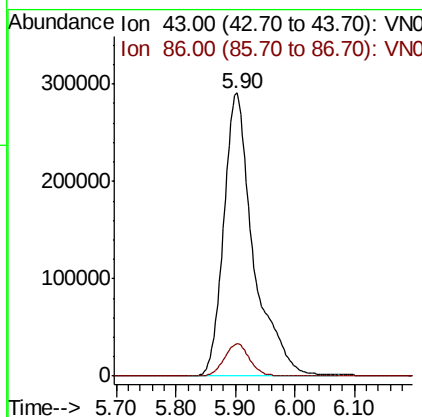
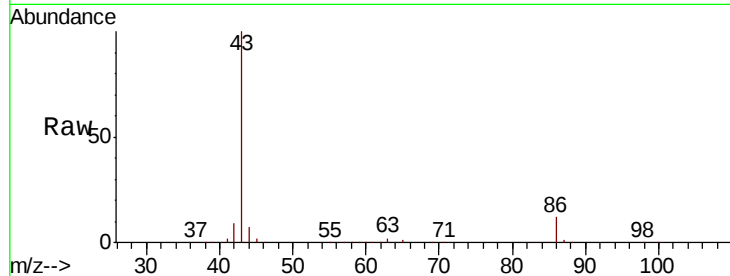
#23
 Vinyl Acetate
 Concen: 100.524 ug/l
 RT: 5.90 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VN051295.D
 Acq: 18 Sep 2018 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBS02

Tgt Ion: 43 Resp: 1011242
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.3 13.9

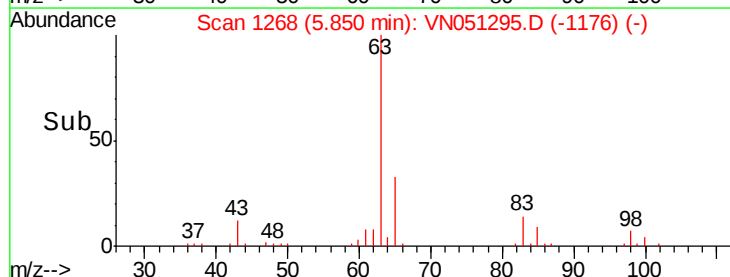
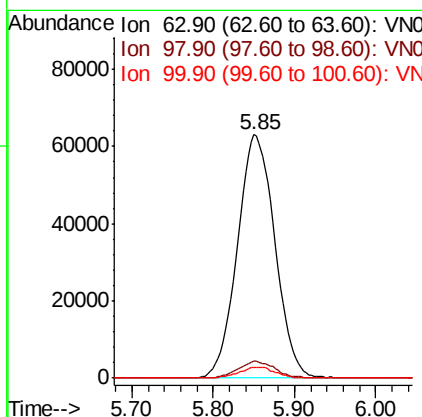
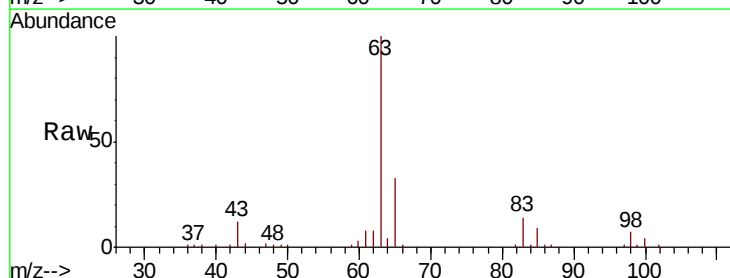
Manual Integrations
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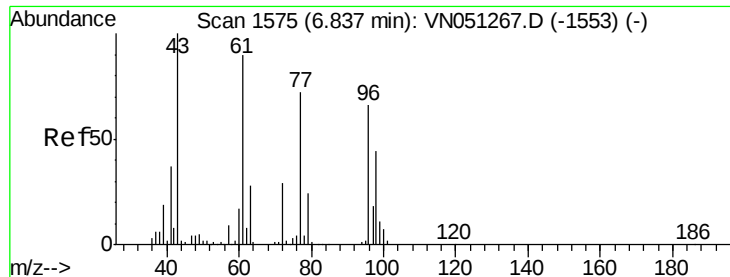
MMDadoda
 9/19/2018 2:57:07 PM



#24
 1,1-Dichloroethane
 Concen: 19.333 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VN051295.D
 Acq: 18 Sep 2018 14:11

Tgt Ion: 63 Resp: 200668
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.8
 100 4.3 2.3 6.8





#25

2-Butanone

Concen: 95.827 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VN051295.D

Acq: 18 Sep 2018 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBS02

Tgt Ion: 43 Resp: 178896

Ion Ratio Lower Upper

43 100

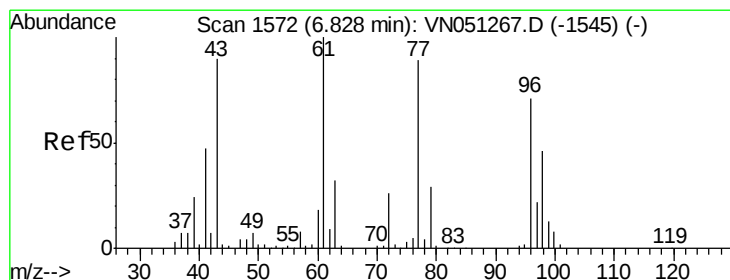
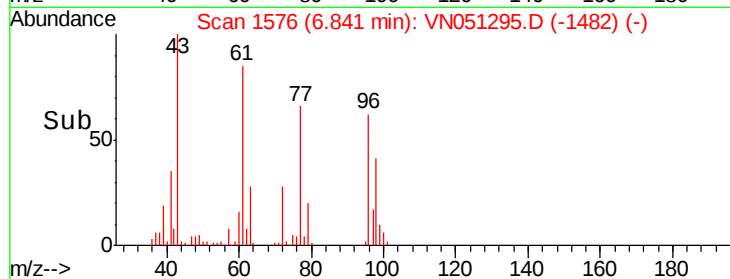
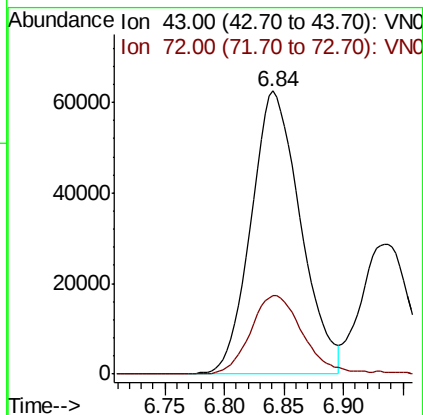
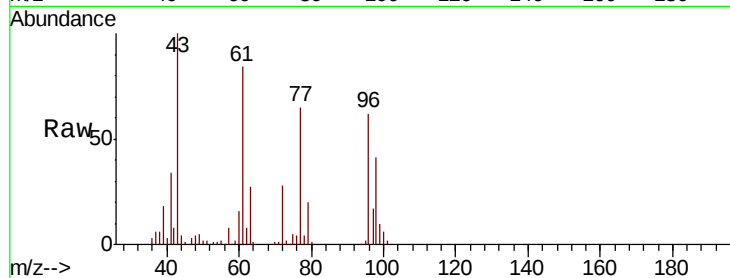
72 27.8 23.4 35.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.107 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN051295.D

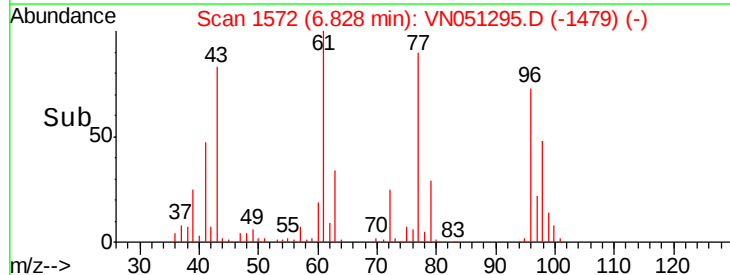
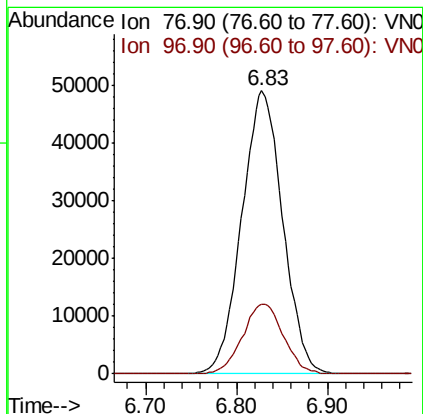
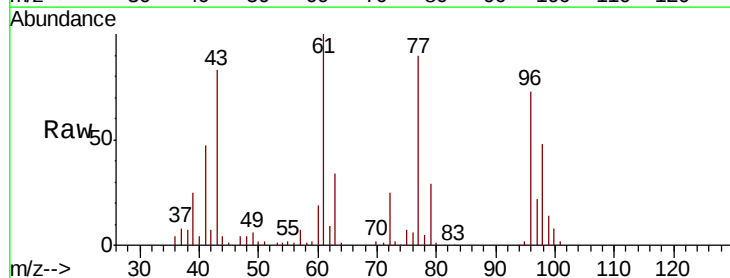
Acq: 18 Sep 2018 14:11

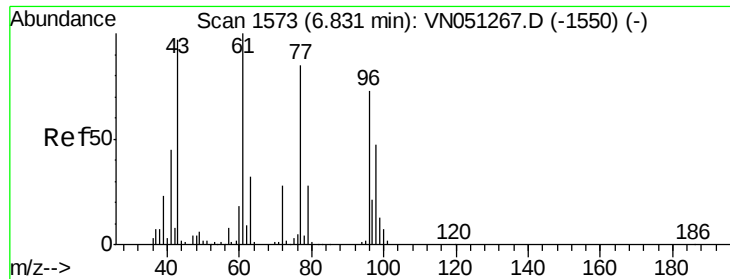
Tgt Ion: 77 Resp: 152852

Ion Ratio Lower Upper

77 100

97 24.7 12.2 36.4





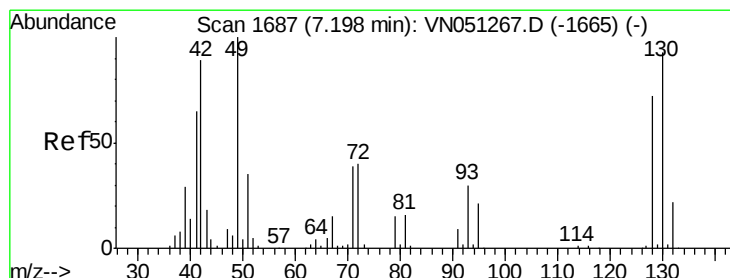
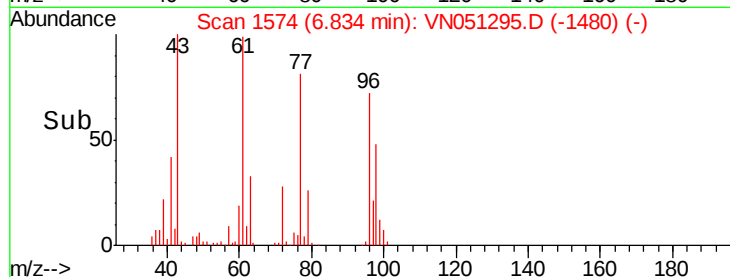
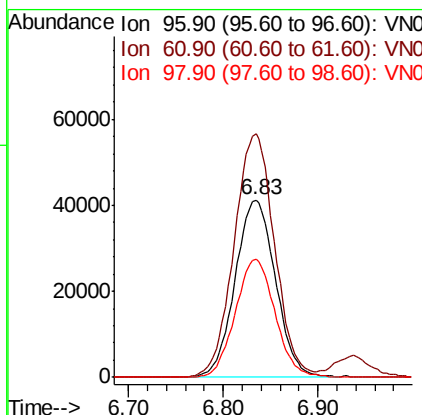
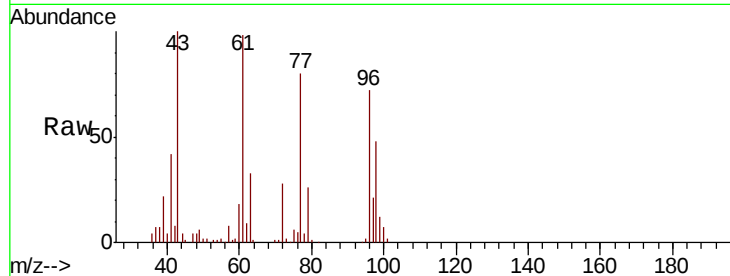
#27
 cis-1,2-Dichloroethene
 Concen: 19.257 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: VN051295.D
 Acq: 18 Sep 2018 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	122453		
61	137.4	0.0	276.2	
98	65.7	0.0	129.2	

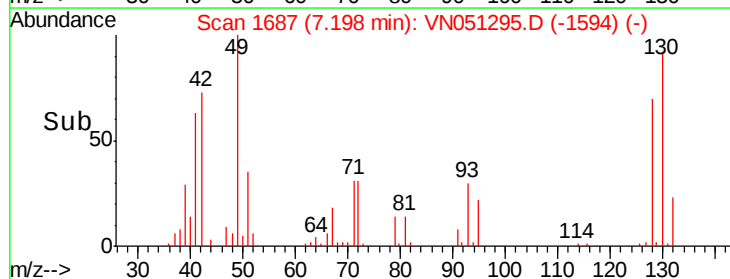
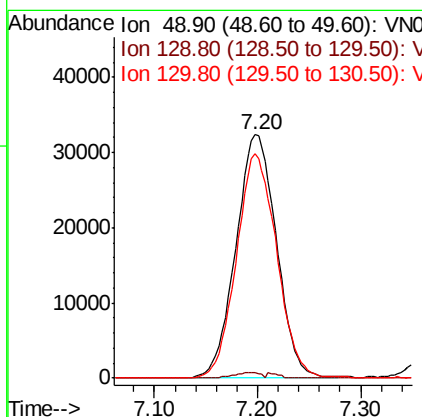
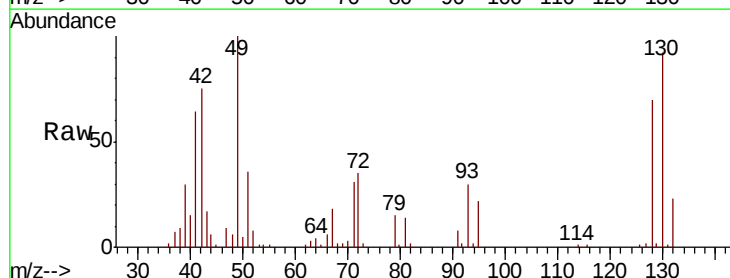
Manual Integrations
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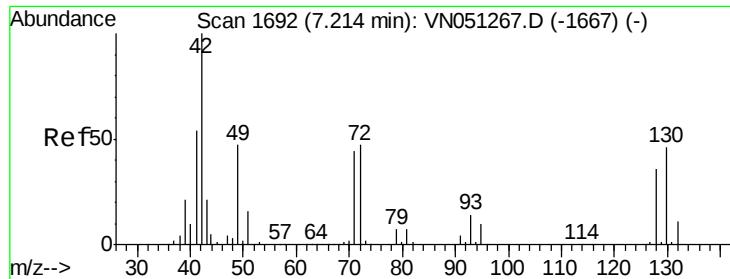
MMDadoda
 9/19/2018 2:57:07 PM



#28
 Bromochloromethane
 Concen: 19.379 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: VN051295.D
 Acq: 18 Sep 2018 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	88587		
129	1.5	0.0	4.6	
130	91.6	73.7	110.5	





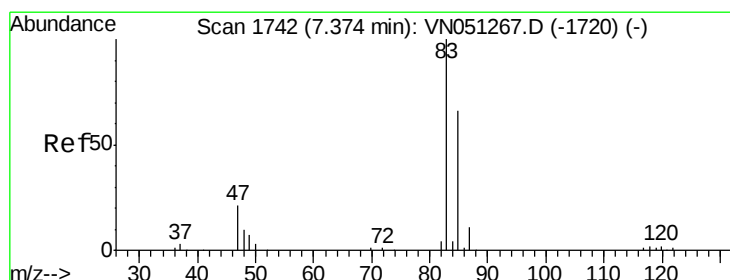
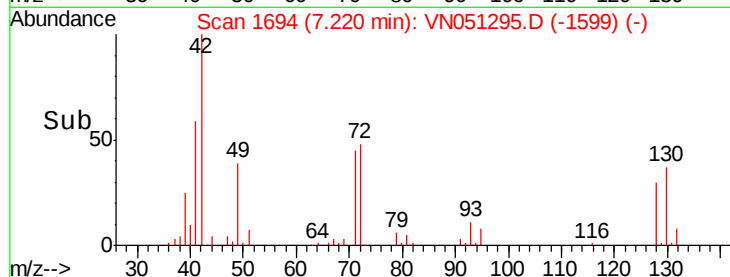
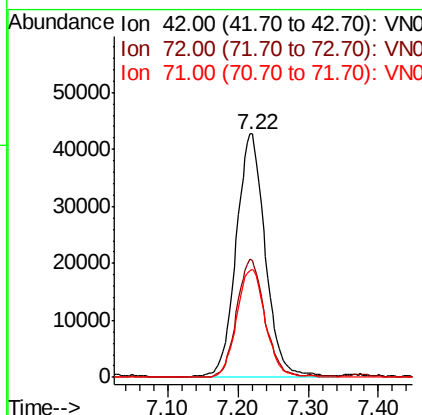
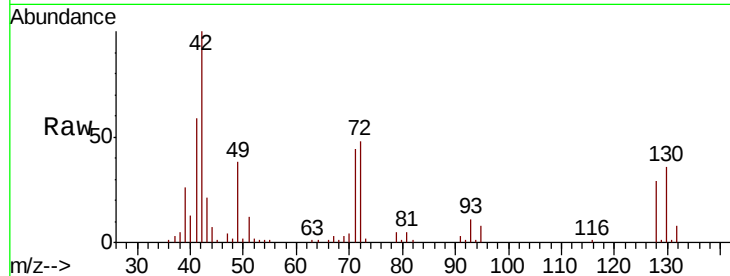
#29
Tetrahydrofuran
Concen: 105.189 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.01 min
Lab File: VN051295.D
Acq: 18 Sep 2018 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS02

Tgt Ion	Ratio	Lower	Upper
42	100		
72	47.3	37.6	56.4
71	44.3	35.4	53.2

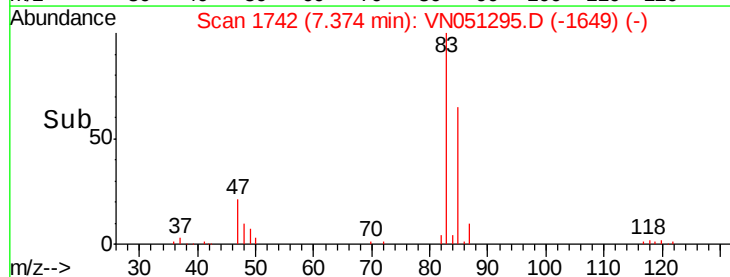
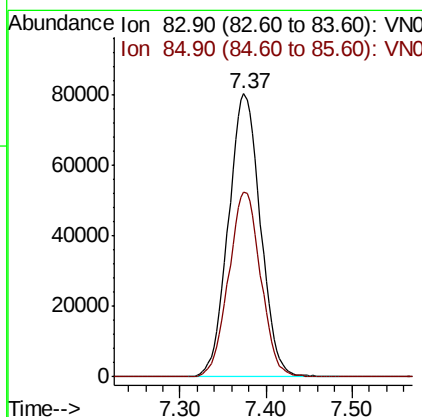
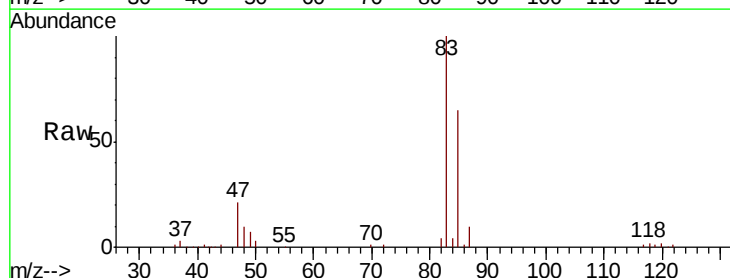
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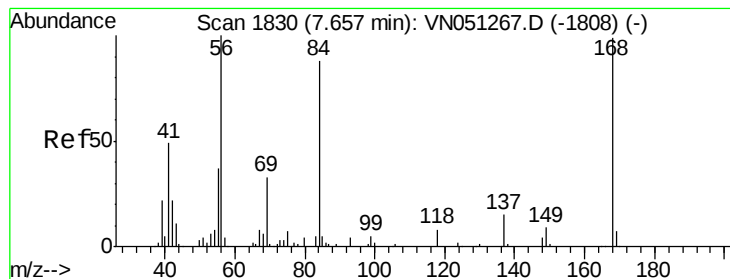
MMDadoda
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#30
Chloroform
Concen: 19.626 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN051295.D
Acq: 18 Sep 2018 14:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.4	78.6





#31

Cyclohexane

Concen: 18.381 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN051295.D

Acq: 18 Sep 2018 14:11

Instrument :

MSVOA_N

ClientSampled :

VN0918WBS02

Tgt Ion: 56 Resp: 173165
Ion Ratio Lower Upper

56 100

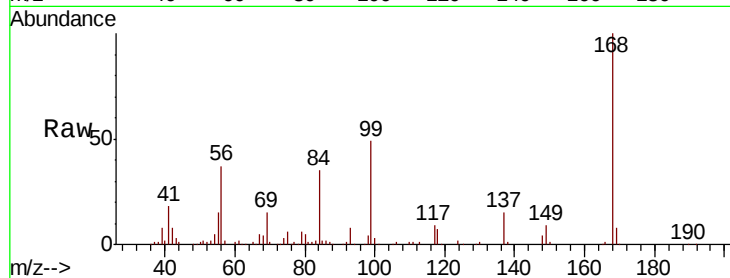
69 39.6 26.2 39.2#

84 93.1 70.6 106.0

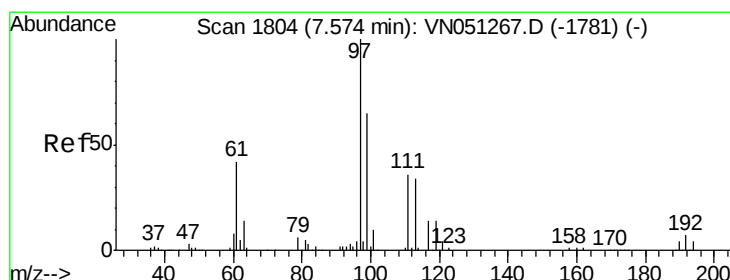
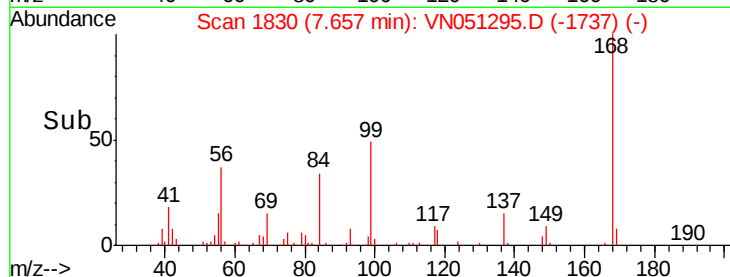
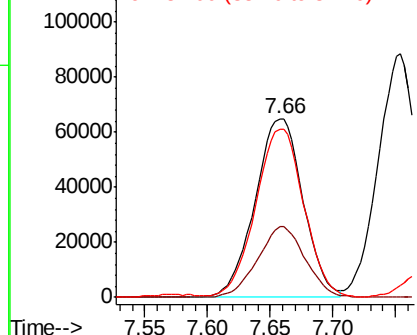
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Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 19.669 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN051295.D

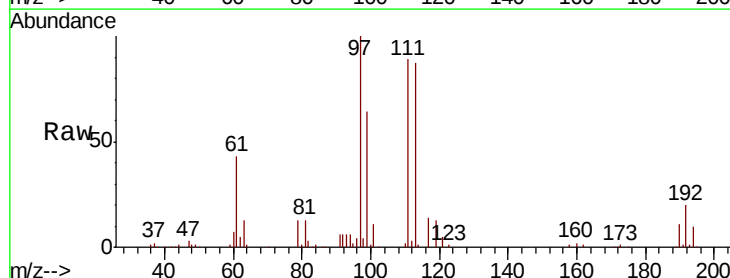
Acq: 18 Sep 2018 14:11

Tgt Ion: 97 Resp: 178933
Ion Ratio Lower Upper

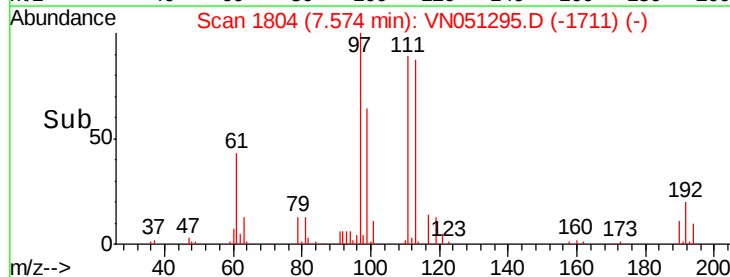
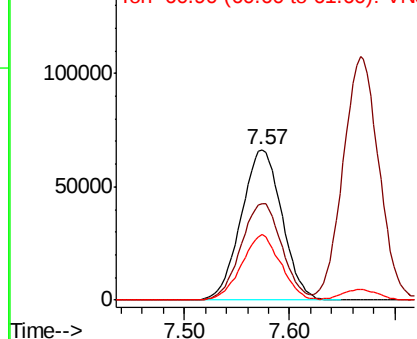
97 100

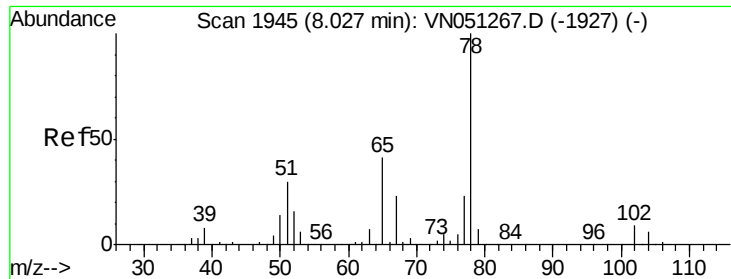
99 64.5 51.6 77.4

61 41.8 33.4 50.2



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0





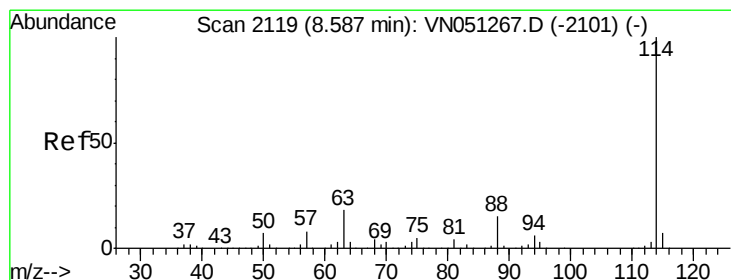
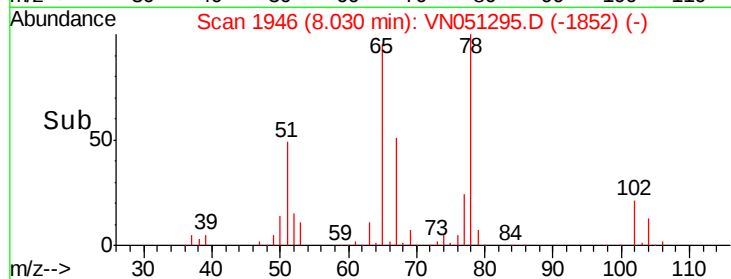
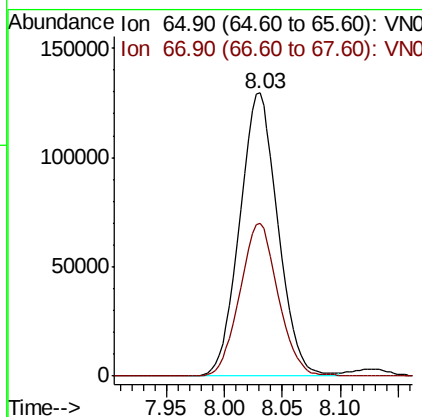
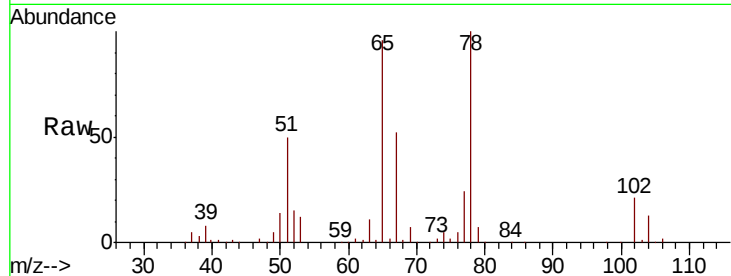
#33
 1,2-Dichloroethane-d4
 Concen: 51.033 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051295.D
 Acq: 18 Sep 2018 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	297410		
67	54.2	0.0	111.0	

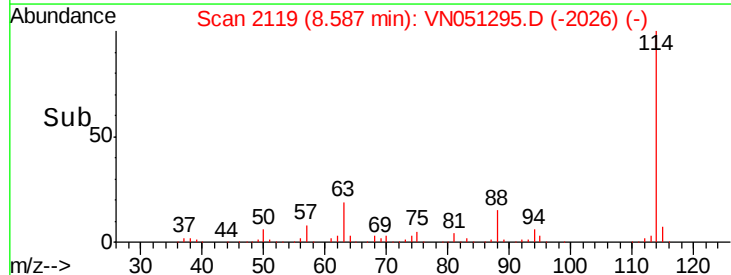
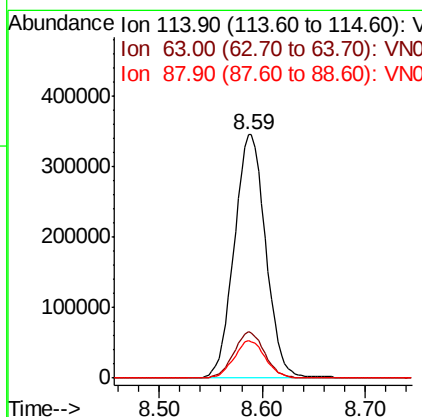
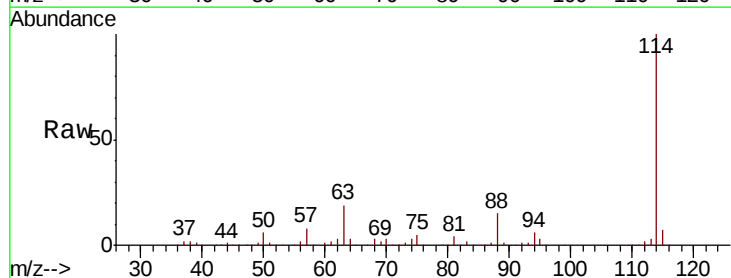
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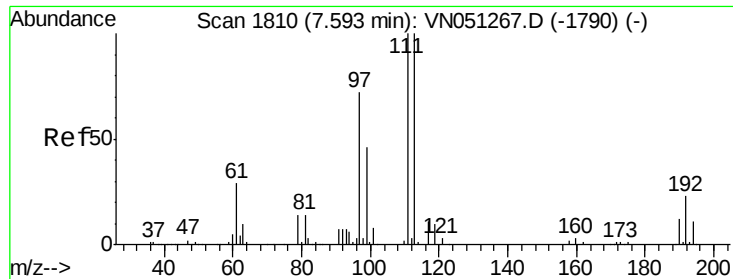
MMDadoda
 9/19/2018 2:57:07 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051295.D
 Acq: 18 Sep 2018 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	735923		
63	18.9	0.0	36.8	
88	15.4	0.0	30.8	





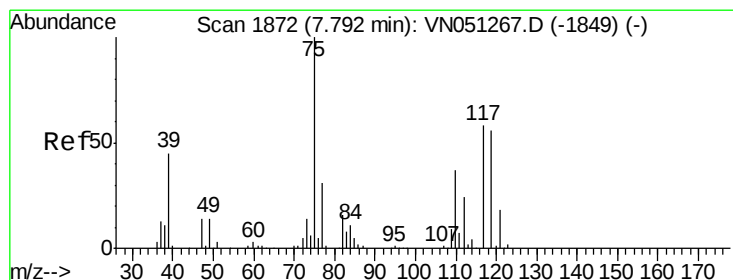
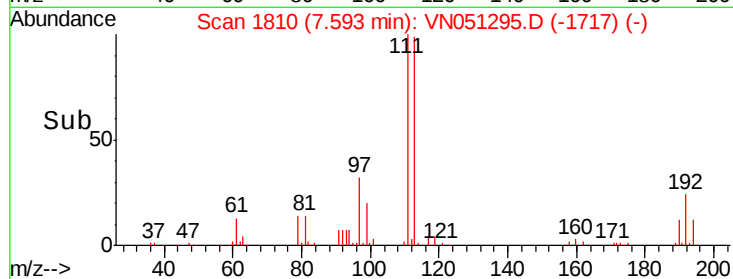
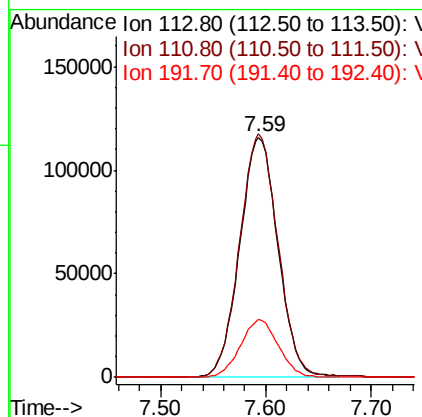
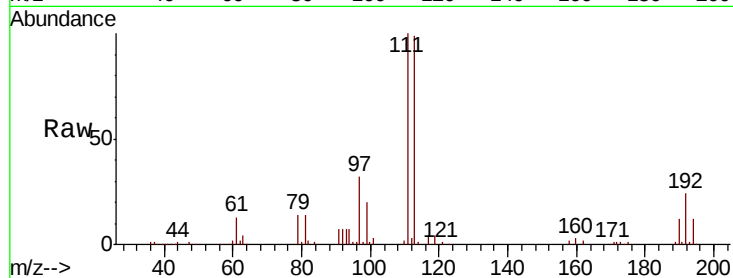
#35
Dibromofluoromethane
Concen: 51.124 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051295.D
Acq: 18 Sep 2018 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	292364		
111	101.3	82.2	123.4	
192	23.9	19.0	28.6	

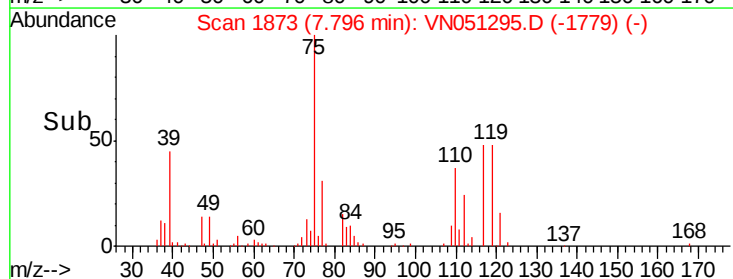
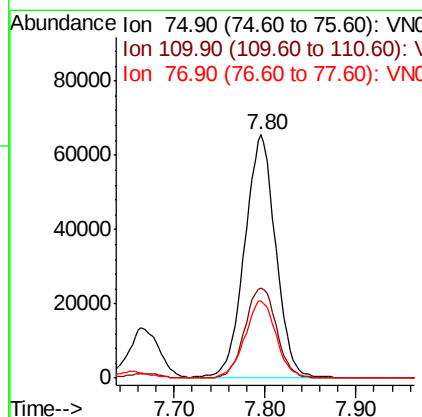
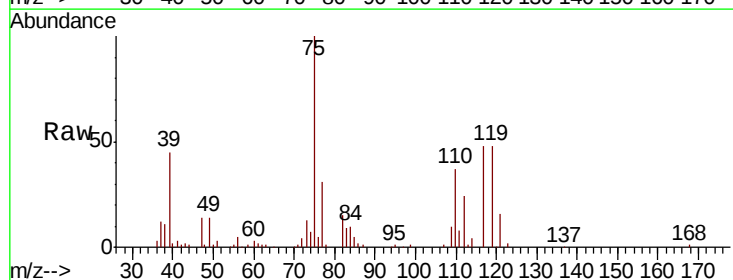
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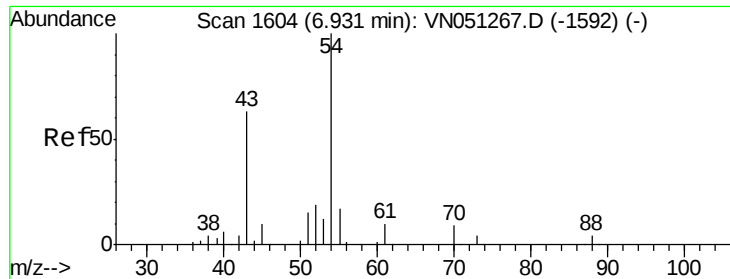
MMDadoda
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#36
1,1-Dichloropropene
Concen: 19.407 ug/l
RT: 7.80 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN051295.D
Acq: 18 Sep 2018 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	154599		
110	37.9	18.6	56.0	
77	32.4	24.7	37.1	





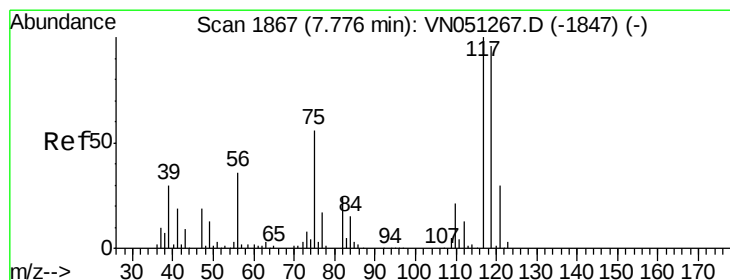
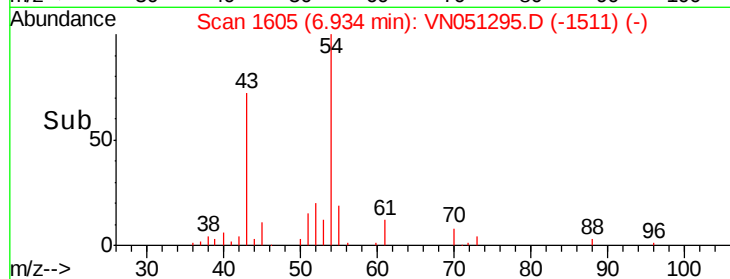
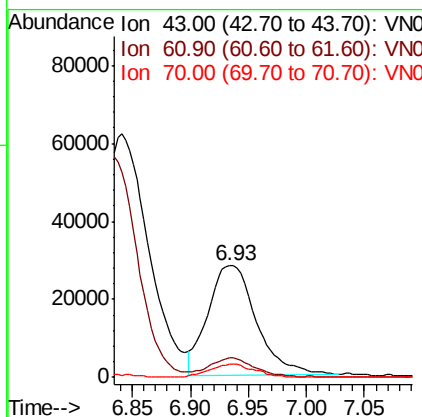
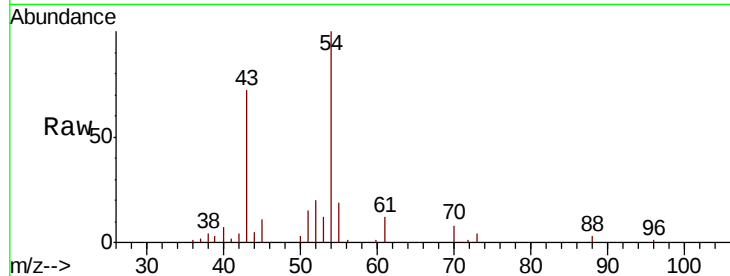
#37
 Ethyl Acetate
 Concen: 19.984 ug/l
 RT: 6.93 min Scan# 1605
 Delta R.T. 0.00 min
 Lab File: VN051295.D
 Acq: 18 Sep 2018 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBS02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.5	12.3	18.5
70	11.2	9.4	14.0

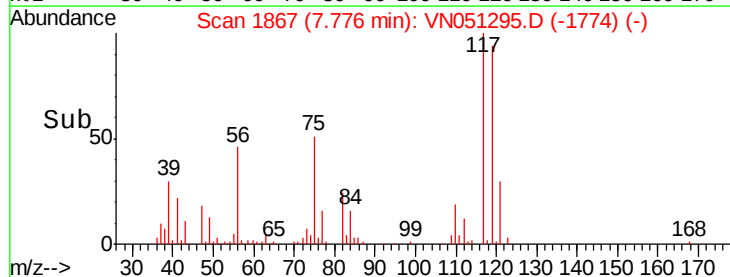
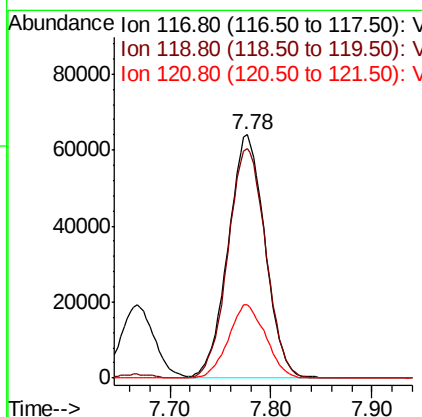
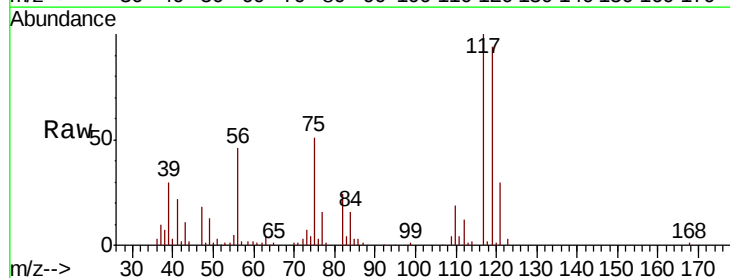
Manual Integrations
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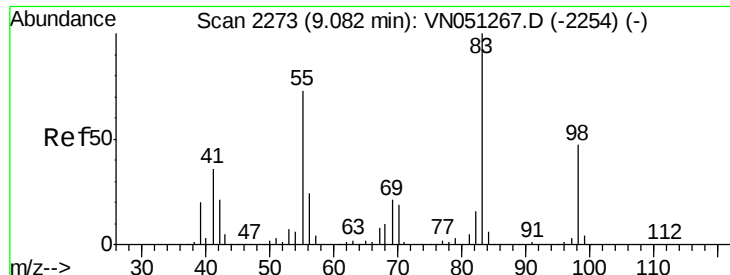
MMDadoda
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#38
 Carbon Tetrachloride
 Concen: 19.597 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN051295.D
 Acq: 18 Sep 2018 14:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	76.8	115.2
121	30.2	24.2	36.2





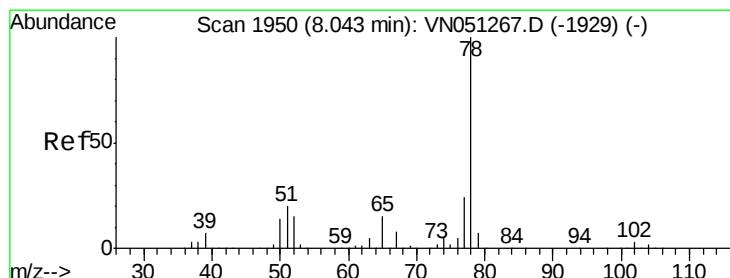
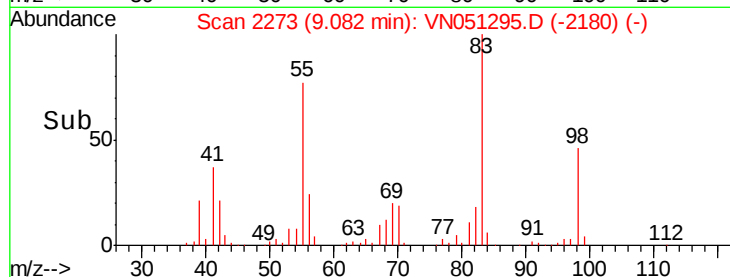
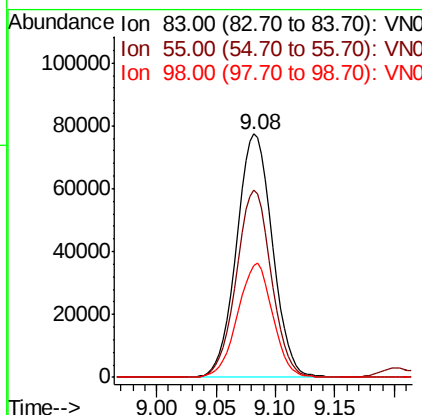
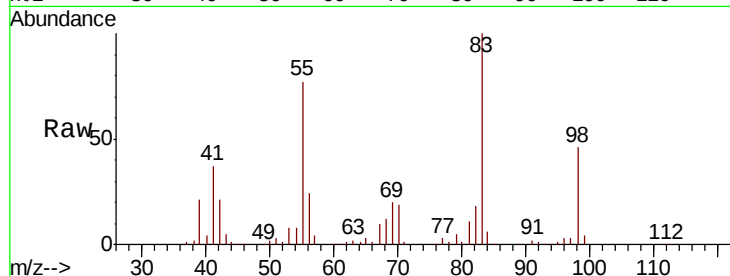
#39
Methylcyclohexane
Concen: 18.691 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN051295.D
Acq: 18 Sep 2018 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS02

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.7	58.7	88.1
98	45.8	37.3	55.9

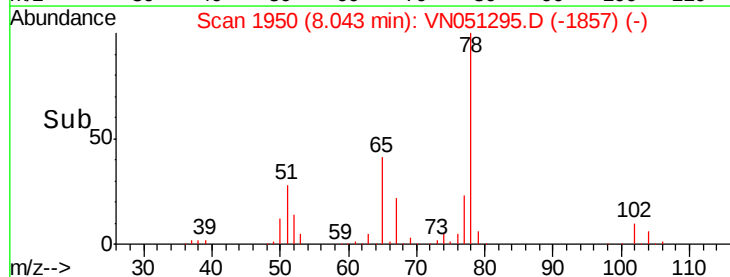
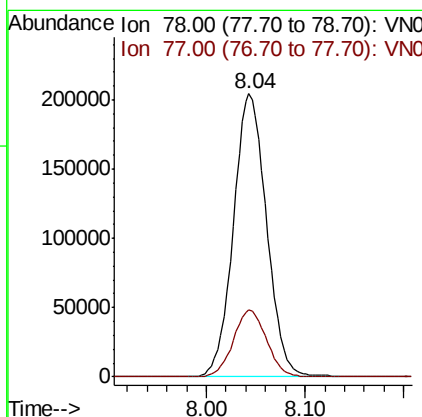
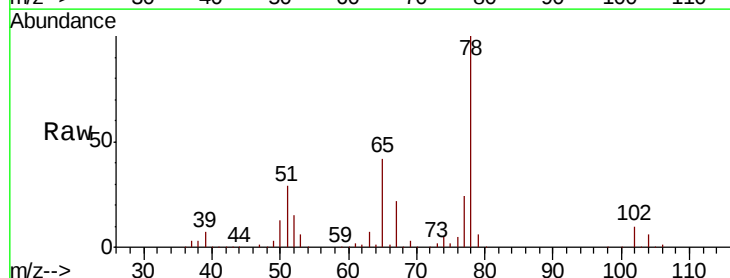
Manual Integrations
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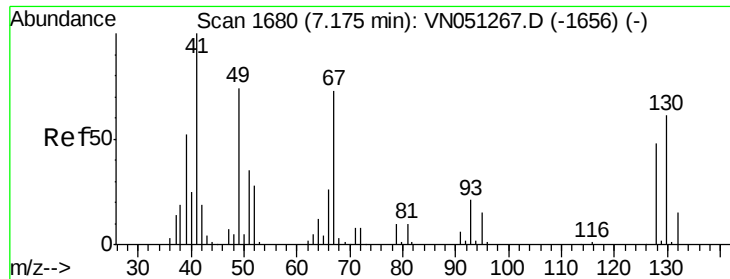
MMDadoda
9/19/2018 2:57:07 PM



#40
Benzene
Concen: 20.125 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN051295.D
Acq: 18 Sep 2018 14:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.4





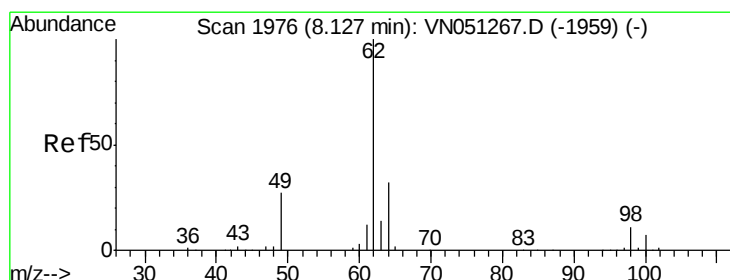
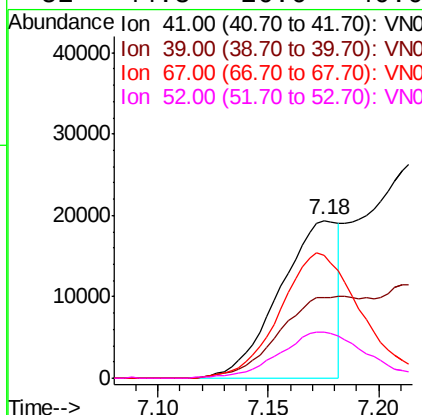
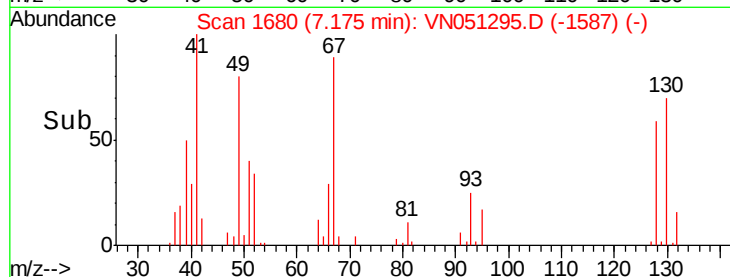
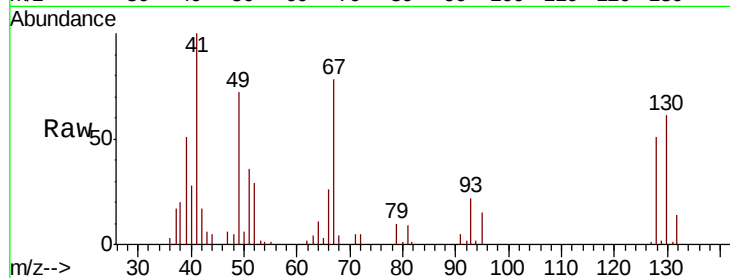
#41
Methacrylonitrile
Concen: 17.036 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN051295.D
Acq: 18 Sep 2018 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS02

Tgt Ion	Ratio	Lower	Upper
41	100		
39	79.0	47.8	71.6#
67	111.7	69.8	104.6#
52	44.8	26.6	40.0#

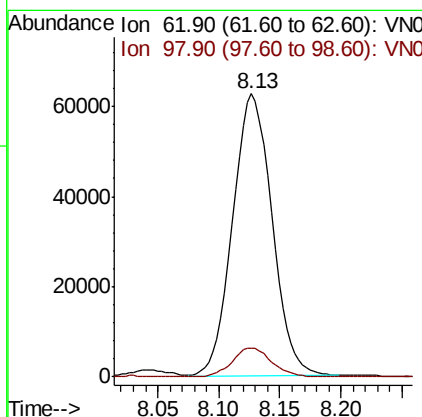
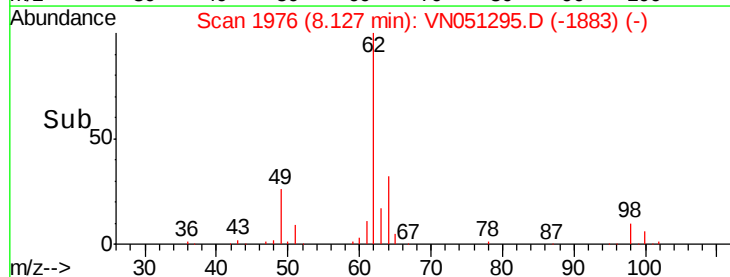
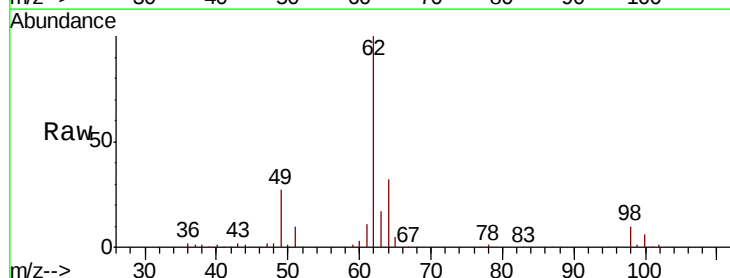
Manual Integrations
APPROVED

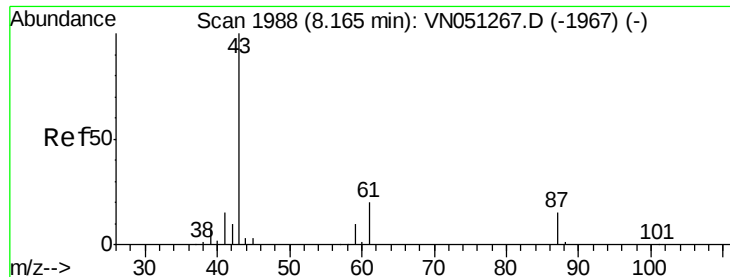
MMDadoda
9/19/2018 2:57:07 PM



#42
1,2-Dichloroethane
Concen: 20.130 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN051295.D
Acq: 18 Sep 2018 14:11

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	21.0





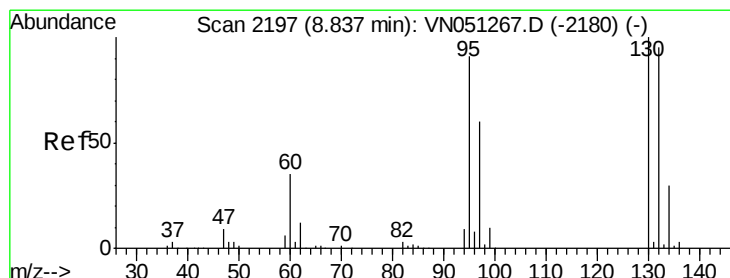
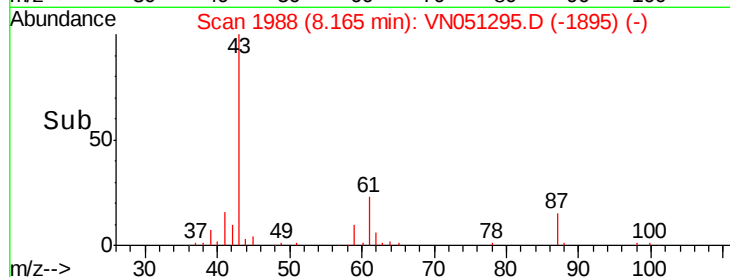
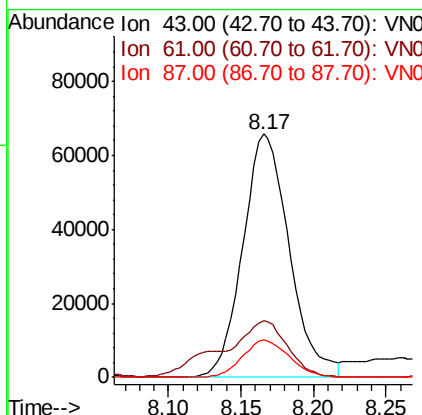
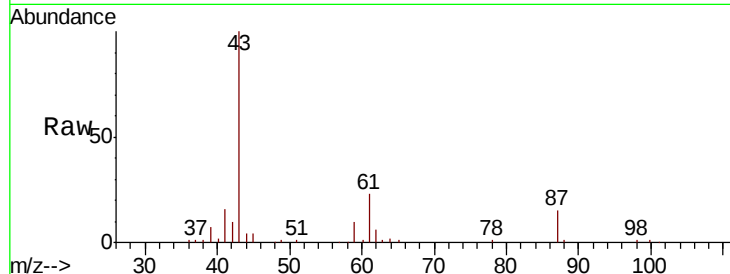
#43
Isopropyl Acetate
Concen: 20.748 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN051295.D
Acq: 18 Sep 2018 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	32.1	17.4	26.2
87	15.4	12.2	18.4

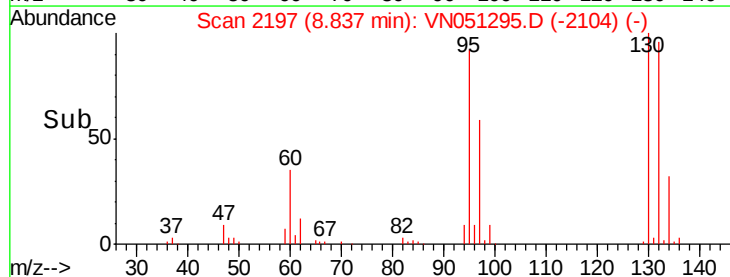
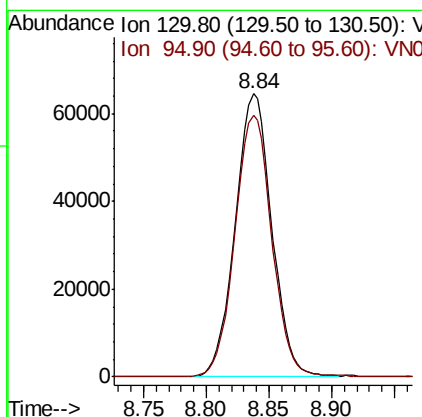
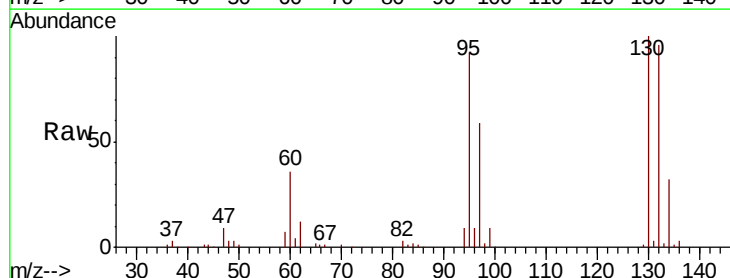
Manual Integrations
APPROVED

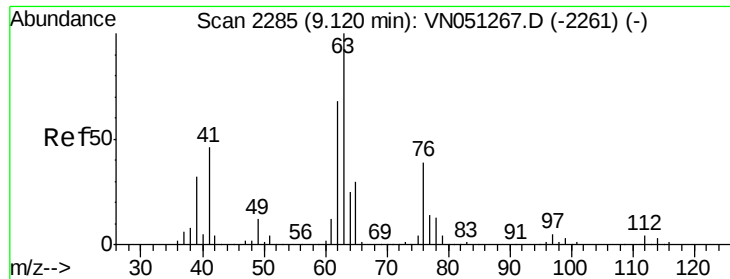
MMDadoda
9/19/2018 2:57:07 PM



#44
Trichloroethene
Concen: 19.623 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN051295.D
Acq: 18 Sep 2018 14:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.4	0.0	181.8





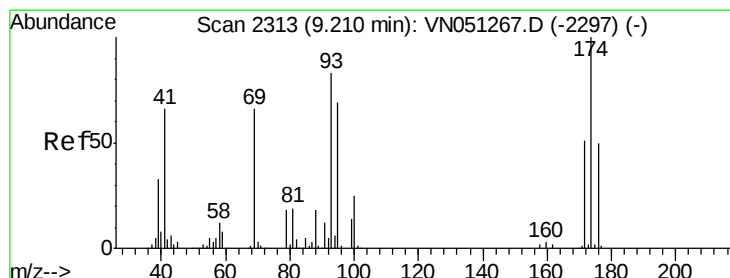
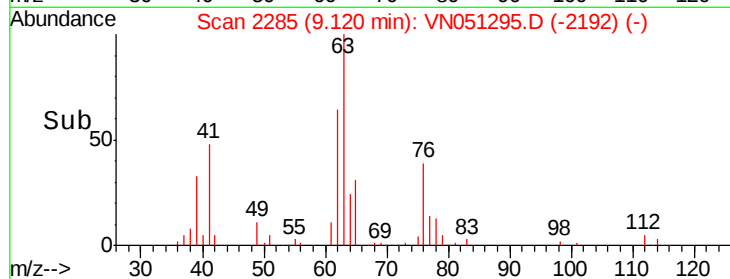
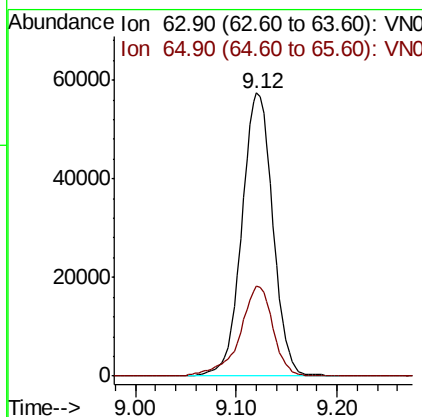
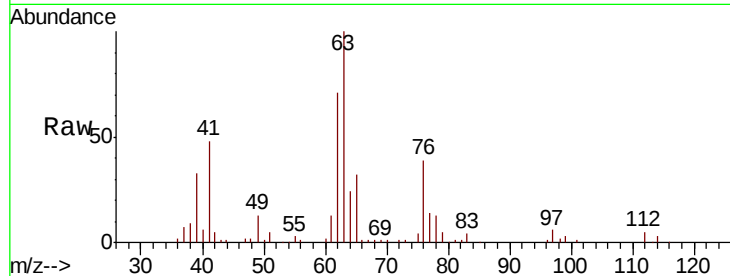
#45
 1,2-Dichloropropane
 Concen: 20.273 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN051295.D
 Acq: 18 Sep 2018 14:11

Instrument :
 MSVOA_N
 ClientSampled :
 VN0918WBS02

Tgt Ion: 63 Resp: 121825
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.2 36.4

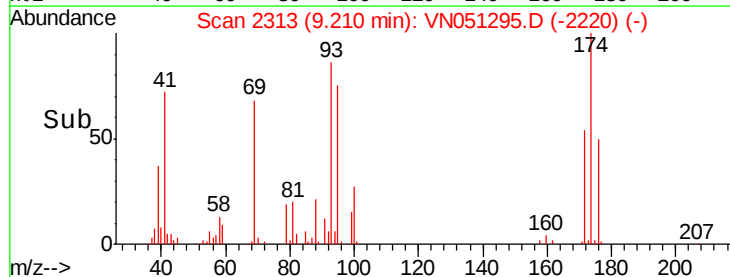
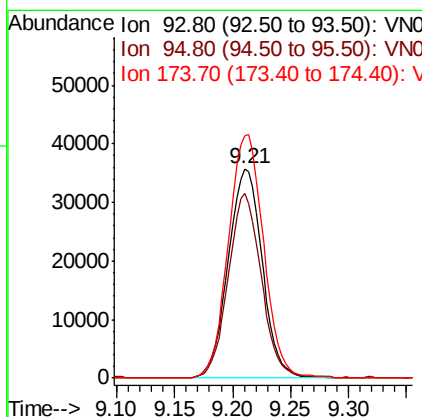
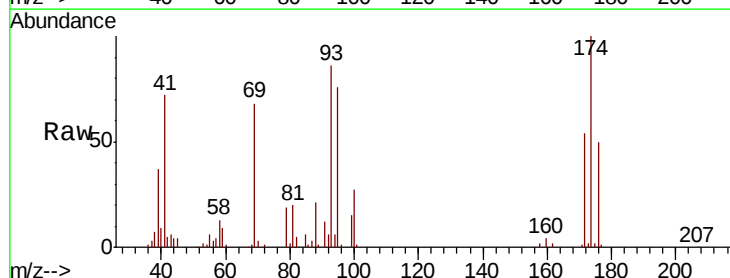
Manual Integrations
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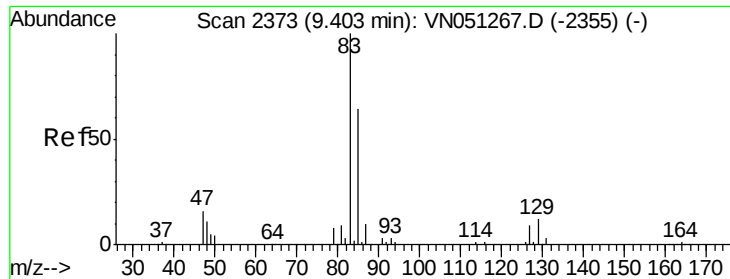
MMDadoda
 9/19/2018 2:57:07 PM



#46
 Dibromomethane
 Concen: 19.950 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN051295.D
 Acq: 18 Sep 2018 14:11

Tgt Ion: 93 Resp: 73028
 Ion Ratio Lower Upper
 93 100
 95 85.1 66.6 100.0
 174 119.9 95.6 143.4





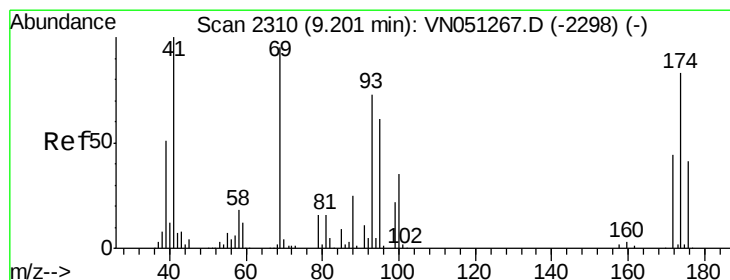
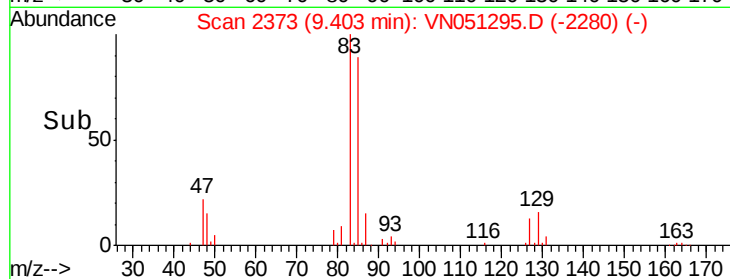
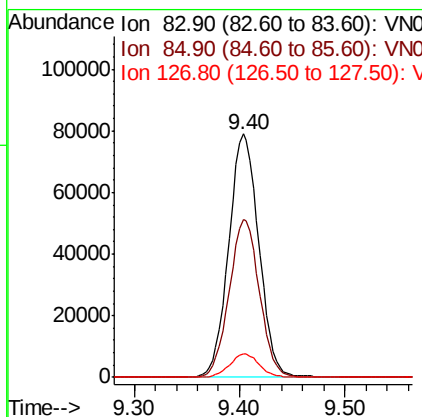
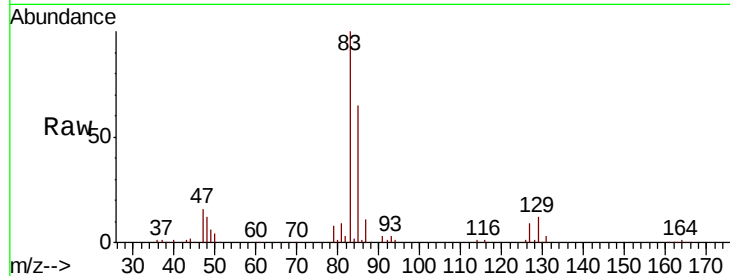
#47
Bromodichloromethane
Concen: 19.967 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN051295.D
Acq: 18 Sep 2018 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	155784		
85	64.9	51.0	76.4	
127	9.4	7.1	10.7	

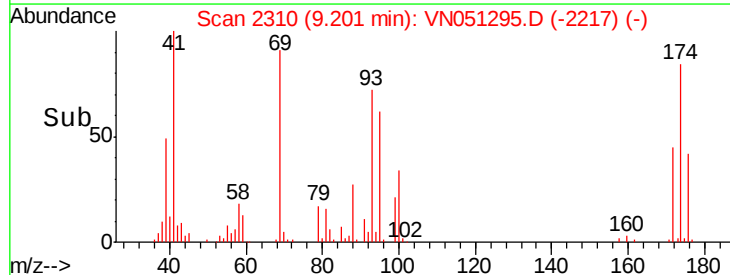
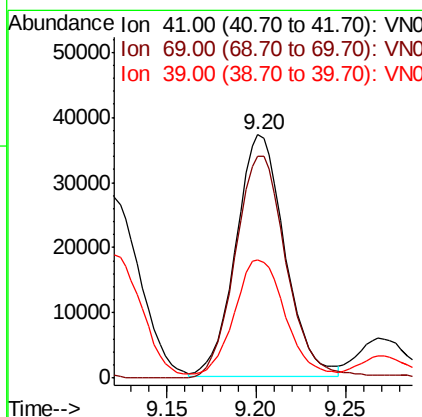
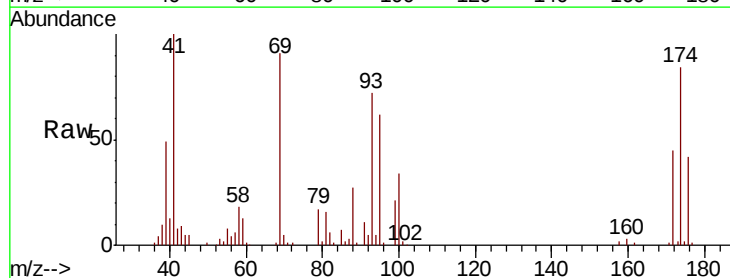
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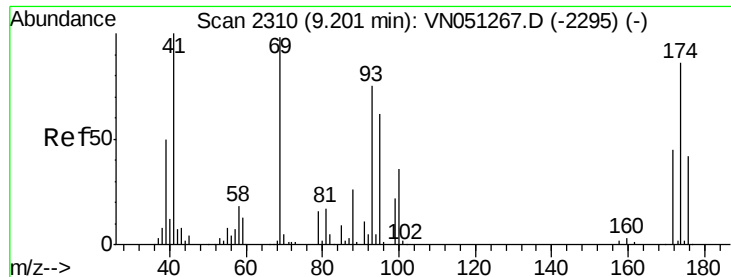
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#48
Methyl methacrylate
Concen: 20.841 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN051295.D
Acq: 18 Sep 2018 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	71124		
69	96.0	78.9	118.3	
39	52.1	42.2	63.2	





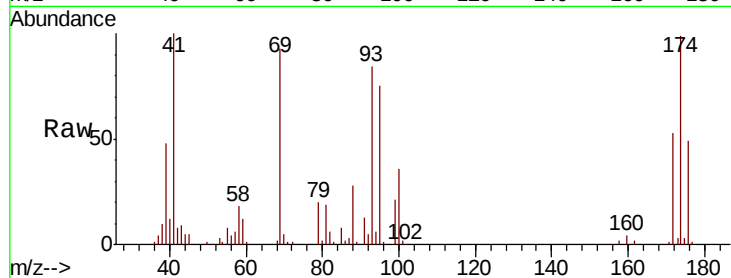
#49
1,4-Dioxane
Concen: 423.316 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN051295.D
Acq: 18 Sep 2018 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS02

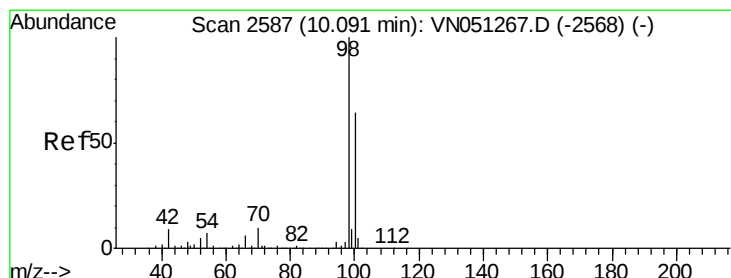
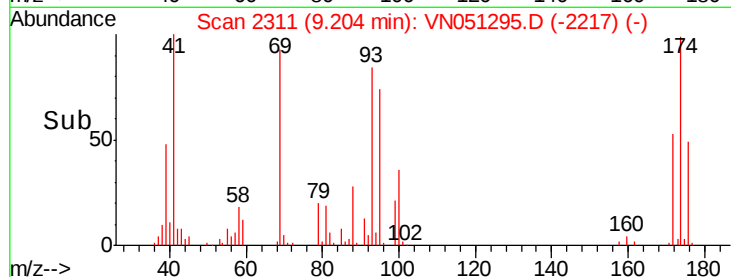
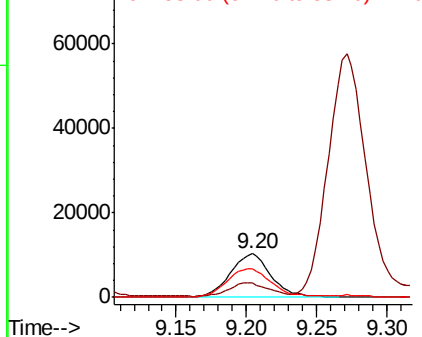
Tgt Ion	Ratio	Lower	Upper
88	100		
43	30.3	25.3	37.9
58	71.6	54.9	82.3

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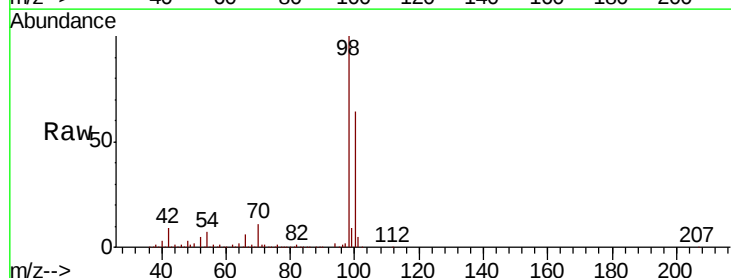


Abundance Ion 88.00 (87.70 to 88.70): VN051267.D (-2295) (-)
Ion 43.00 (42.70 to 43.70): VN051267.D (-2295) (-)
Ion 58.00 (57.70 to 58.70): VN051267.D (-2295) (-)

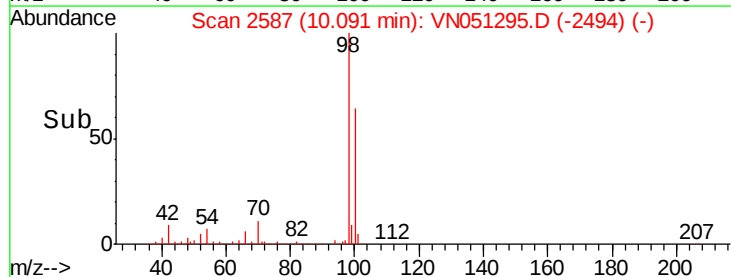
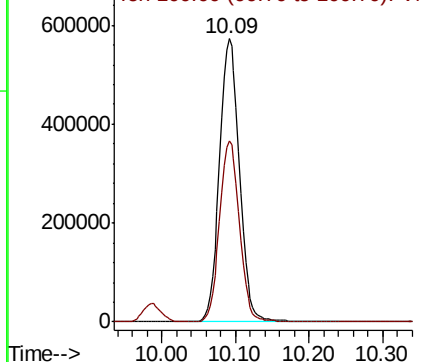


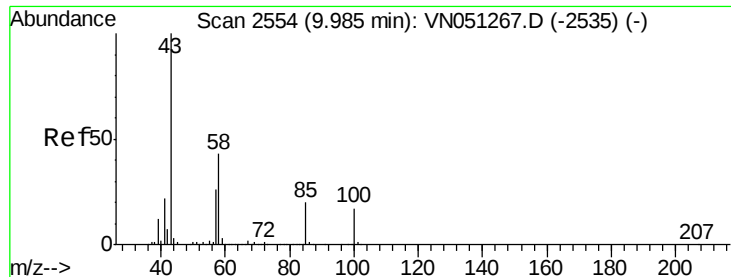
#50
Toluene-d8
Concen: 50.952 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051295.D
Acq: 18 Sep 2018 14:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.6	77.4



Abundance Ion 98.00 (97.70 to 98.70): VN051267.D (-2568) (-)
Ion 100.00 (99.70 to 100.70): VN051267.D (-2568) (-)





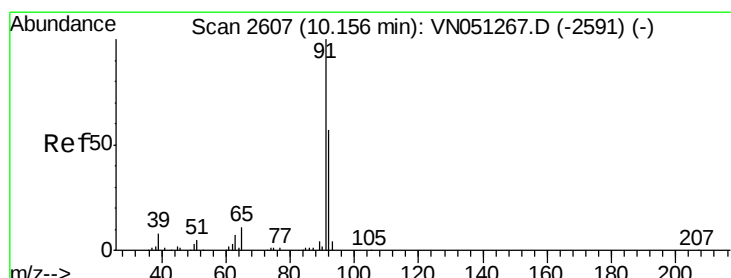
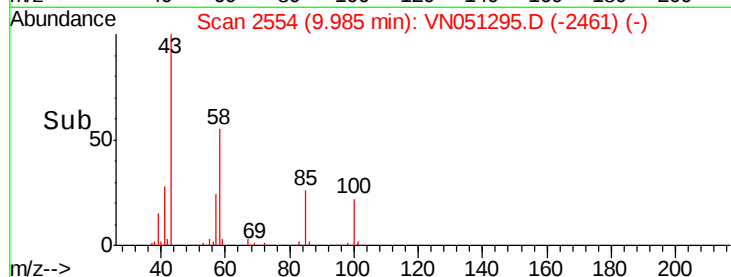
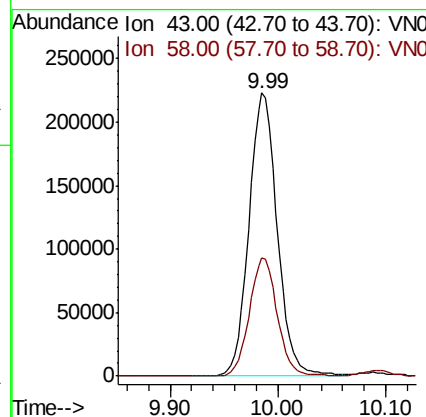
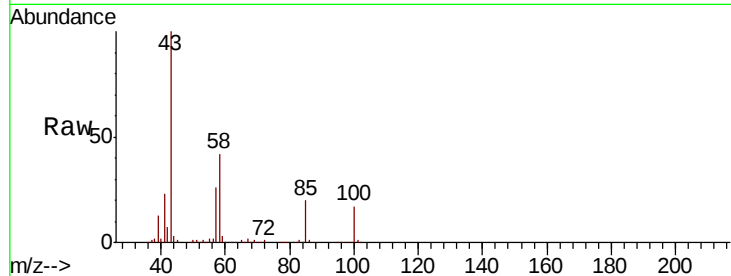
#51
 4-Methyl-2-Pentanone
 Concen: 110.637 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN051295.D
 Acq: 18 Sep 2018 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBS02

Tgt Ion: 43 Resp: 404533
 Ion Ratio Lower Upper
 43 100
 58 41.4 33.8 50.6

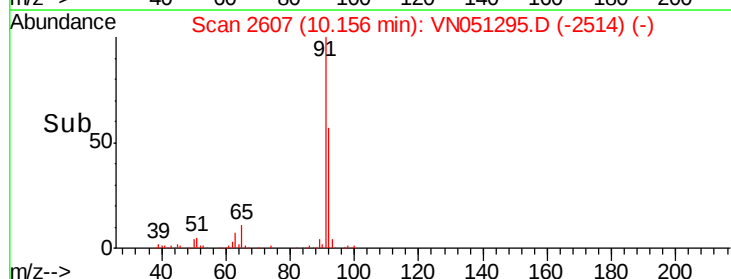
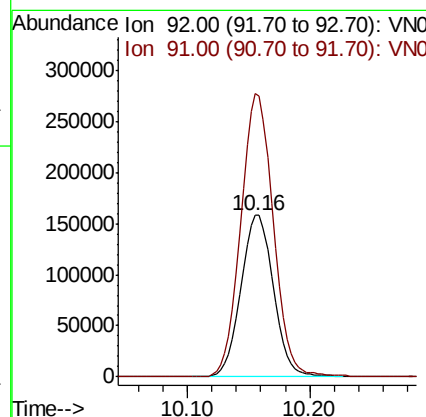
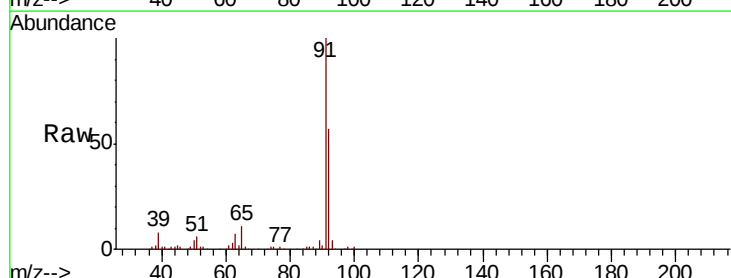
Manual Integrations
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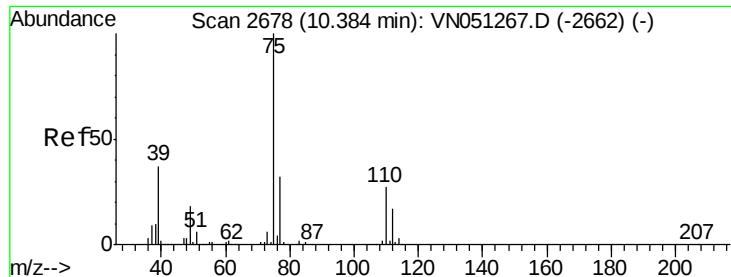
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 9/19/2018 2:57:07 PM



#52
 Toluene
 Concen: 20.620 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN051295.D
 Acq: 18 Sep 2018 14:11

Tgt Ion: 92 Resp: 292563
 Ion Ratio Lower Upper
 92 100
 91 175.0 139.2 208.8





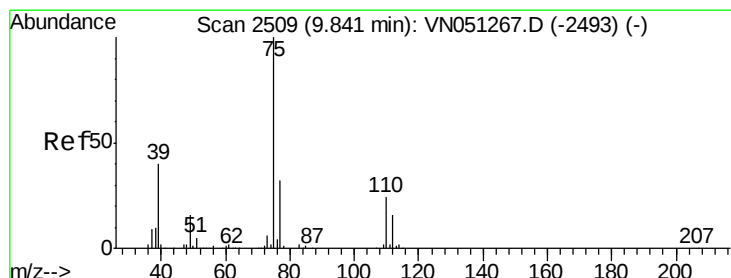
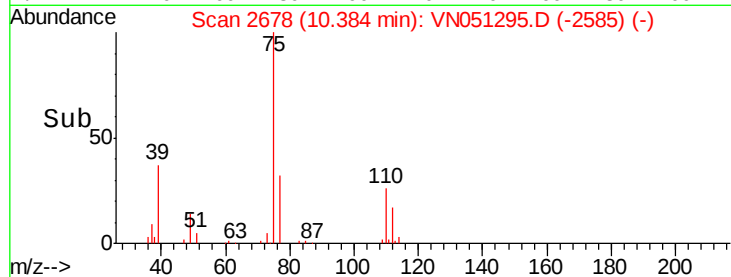
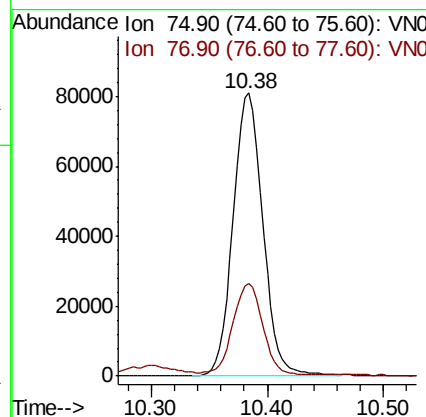
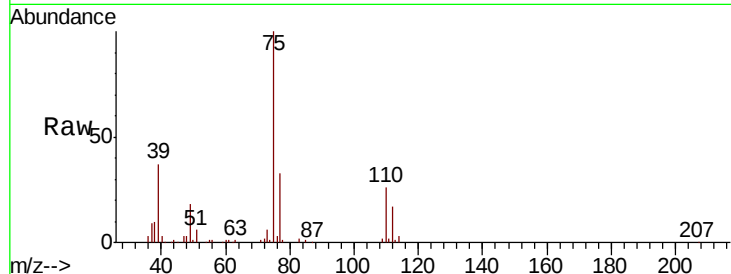
#53
t-1,3-Dichloropropene
Concen: 19.698 ug/l
RT: 10.38 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN051295.D
Acq: 18 Sep 2018 14:11

Instrument :
MSVOA_N
ClientSampled :
VN0918WBS02

Tgt Ion: 75 Resp: 144415
Ion Ratio Lower Upper
75 100
77 32.3 25.5 38.3

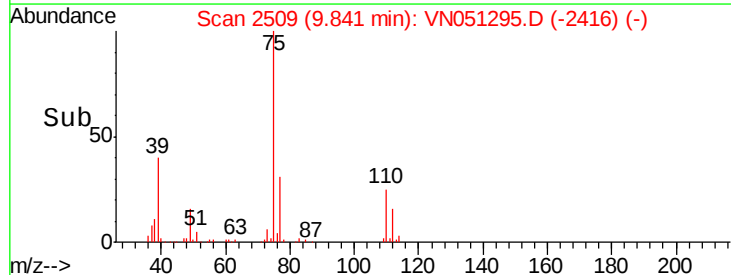
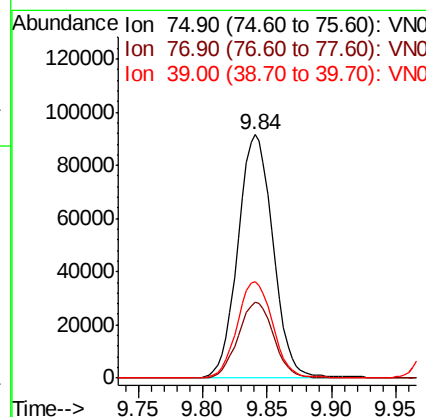
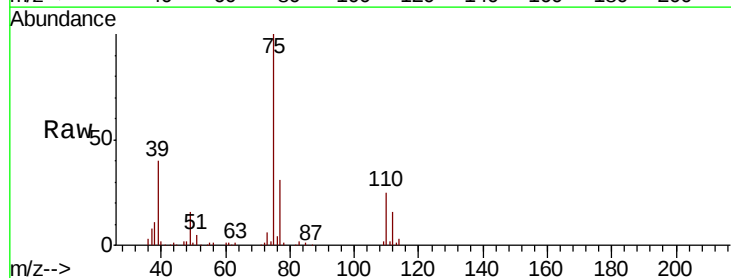
Manual Integrations
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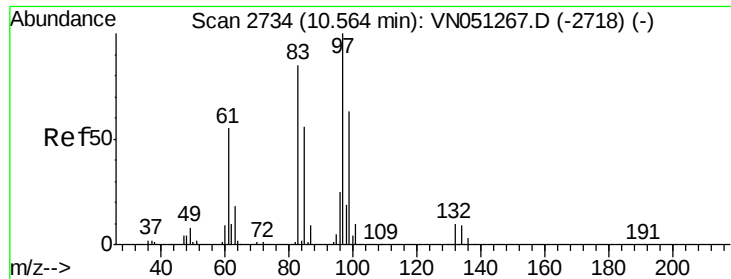
MMDadoda
9/19/2018 2:57:07 PM



#54
cis-1,3-Dichloropropene
Concen: 19.805 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN051295.D
Acq: 18 Sep 2018 14:11

Tgt Ion: 75 Resp: 173420
Ion Ratio Lower Upper
75 100
77 31.2 25.8 38.8
39 39.6 31.8 47.8





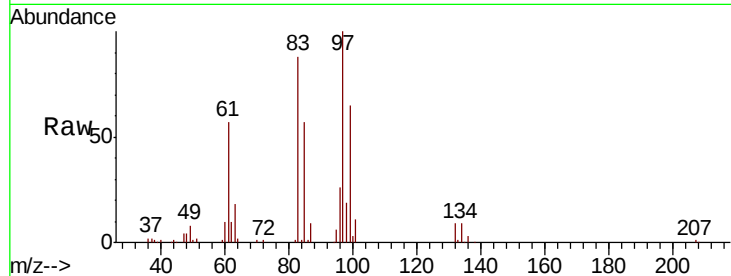
#55
 1,1,2-Trichloroethane
 Concen: 20.852 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN051295.D
 Acq: 18 Sep 2018 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBS02

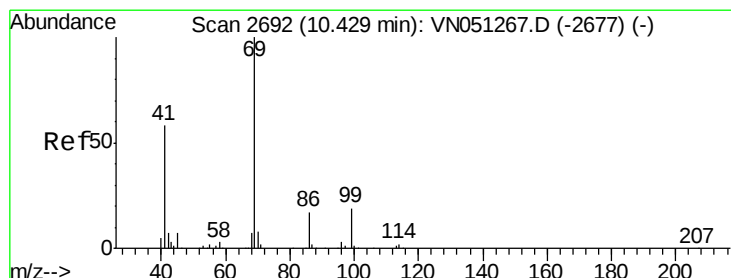
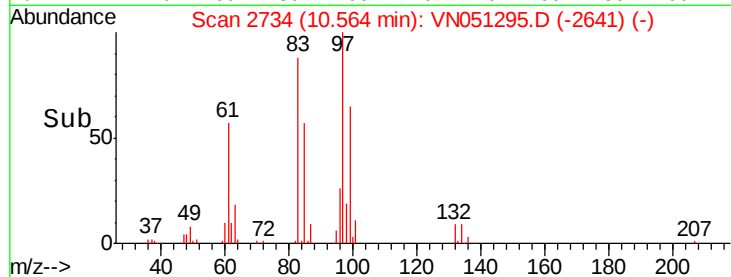
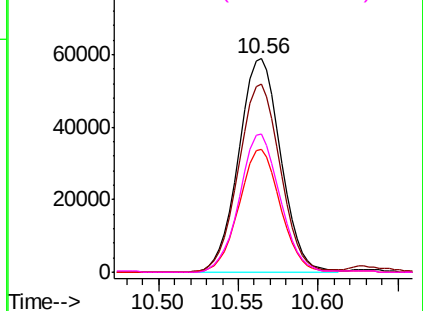
Tgt Ion:	97	Resp:	105790
Ion	Ratio	Lower	Upper
97	100		
83	88.2	67.7	101.5
85	57.5	44.5	66.7
99	64.7	50.4	75.6

Manual Integrations
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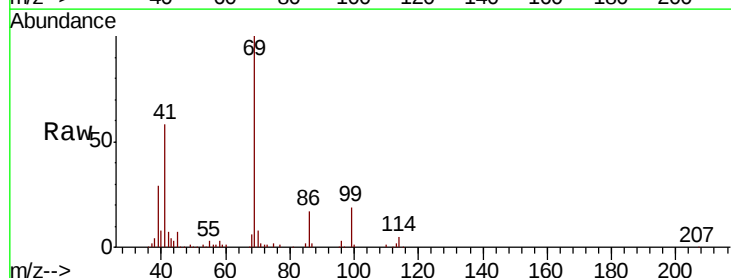


Abundance Ion 96.90 (96.60 to 97.60): VNC
 Ion 82.90 (82.60 to 83.60): VNC
 Ion 84.90 (84.60 to 85.60): VNC
 Ion 98.90 (98.60 to 99.60): VNC

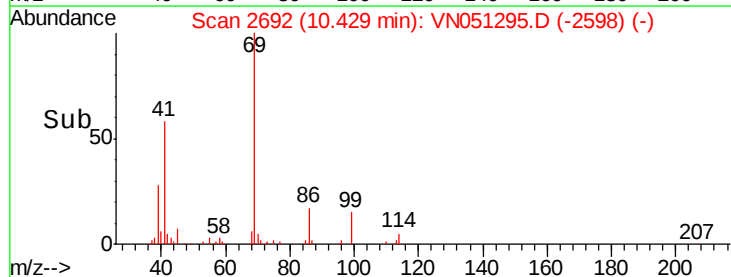
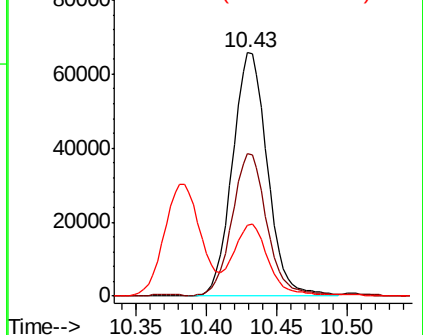


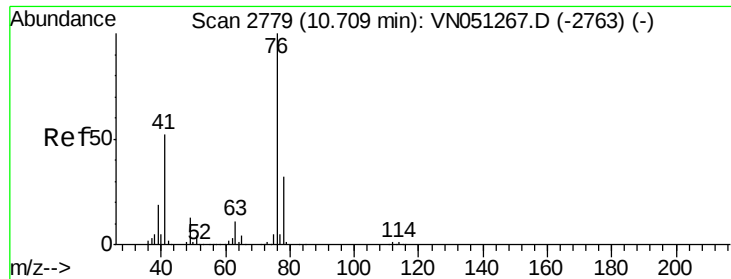
#56
 Ethyl methacrylate
 Concen: 19.060 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN051295.D
 Acq: 18 Sep 2018 14:11

Tgt Ion:	69	Resp:	114419
Ion	Ratio	Lower	Upper
69	100		
41	57.7	47.4	71.0
39	30.1	23.7	35.5



Abundance Ion 69.00 (68.70 to 69.70): VNC
 Ion 41.00 (40.70 to 41.70): VNC
 Ion 39.00 (38.70 to 39.70): VNC





#57

1,3-Dichloropropane

Concen: 21.083 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN051295.D

Acq: 18 Sep 2018 14:11

Instrument :

MSVOA_N

ClientSampled :

VN0918WBS02

Tgt Ion: 76 Resp: 174237

Ion Ratio Lower Upper

76 100

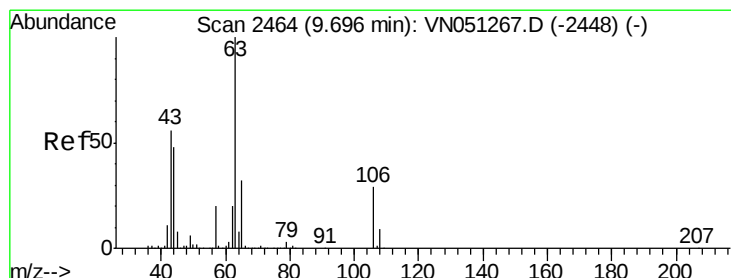
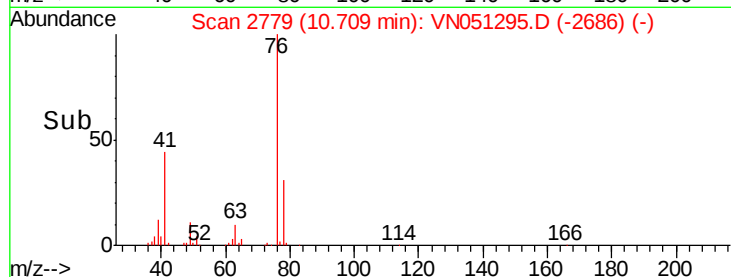
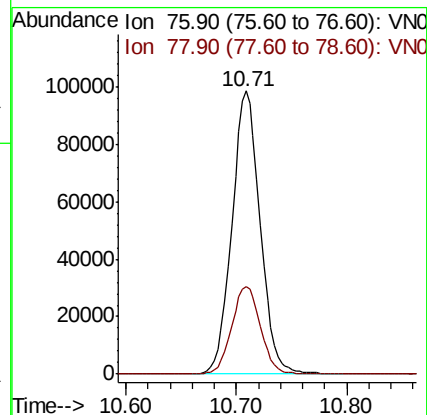
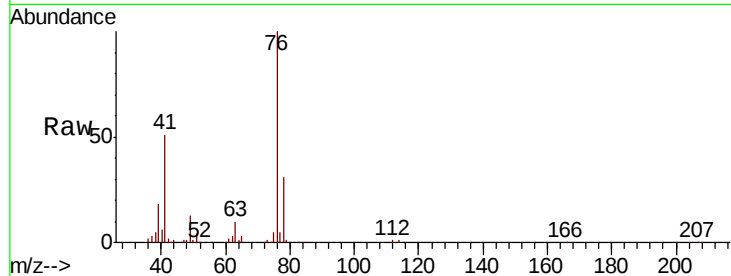
78 31.8 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 91.322 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN051295.D

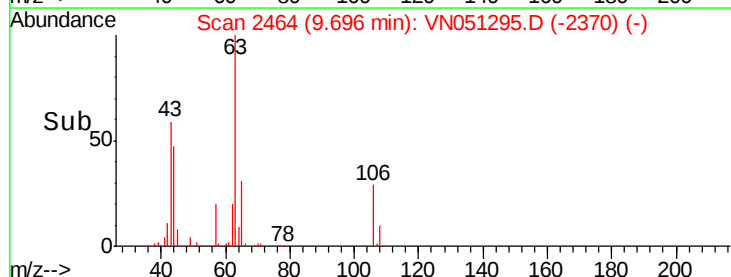
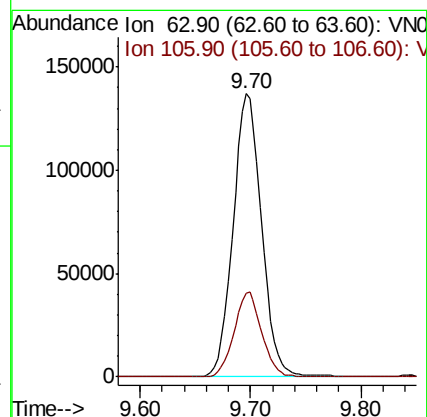
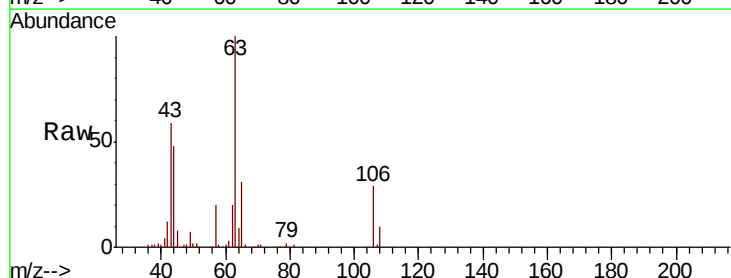
Acq: 18 Sep 2018 14:11

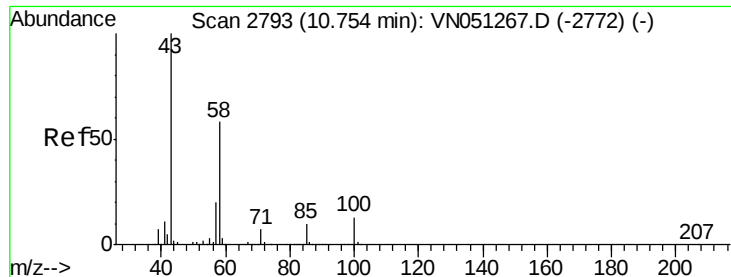
Tgt Ion: 63 Resp: 245821

Ion Ratio Lower Upper

63 100

106 28.9 23.4 35.2





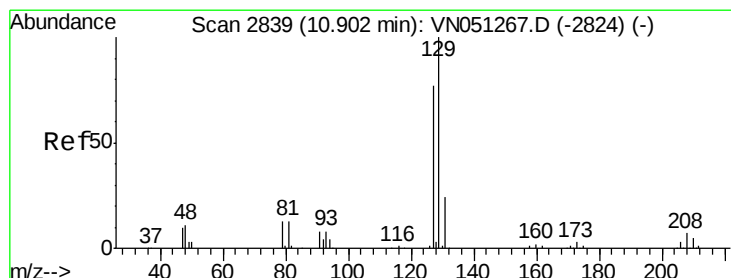
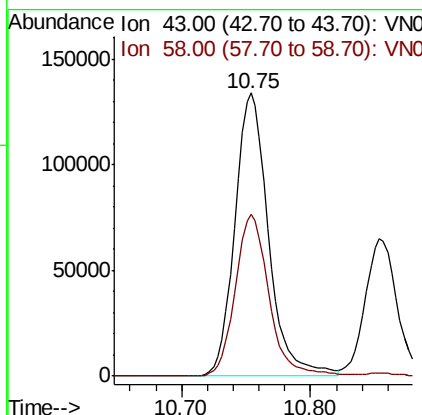
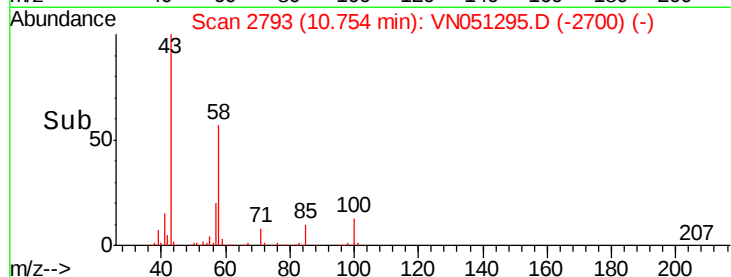
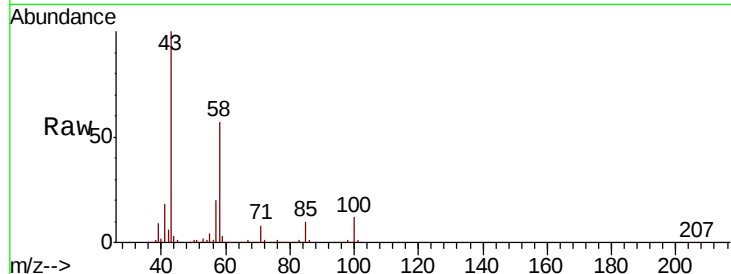
#59
2-Hexanone
Concen: 100.196 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN051295.D
Acq: 18 Sep 2018 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS02

Tgt Ion: 43 Resp: 241213
Ion Ratio Lower Upper
43 100
58 57.6 28.9 86.8

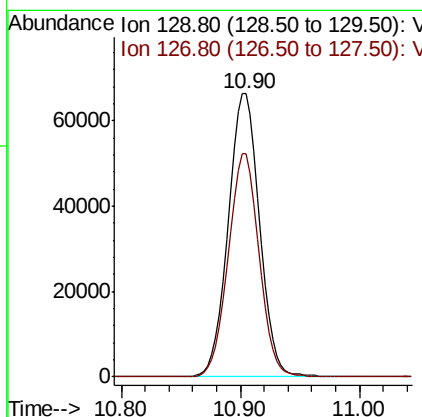
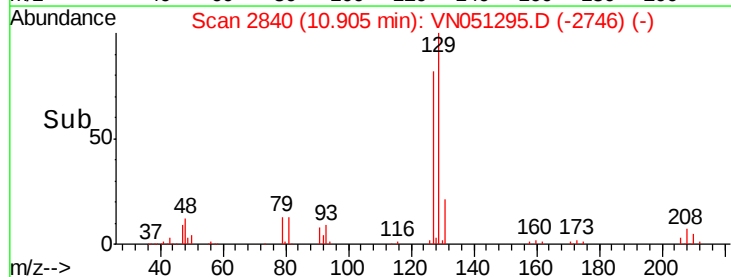
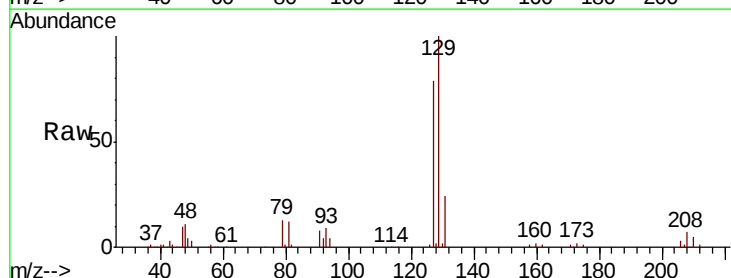
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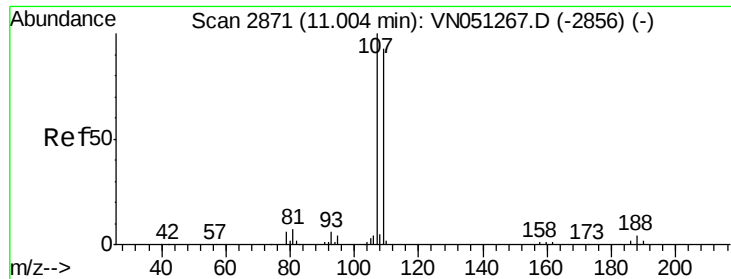
MMDadoda
9/19/2018 2:57:07 PM



#60
Dibromochloromethane
Concen: 20.251 ug/l
RT: 10.90 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN051295.D
Acq: 18 Sep 2018 14:11

Tgt Ion: 129 Resp: 120914
Ion Ratio Lower Upper
129 100
127 77.9 38.3 114.9





#61

1,2-Dibromoethane

Concen: 20.971 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN051295.D

Acq: 18 Sep 2018 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBS02

Tgt Ion: 107 Resp: 102263

Ion Ratio Lower Upper

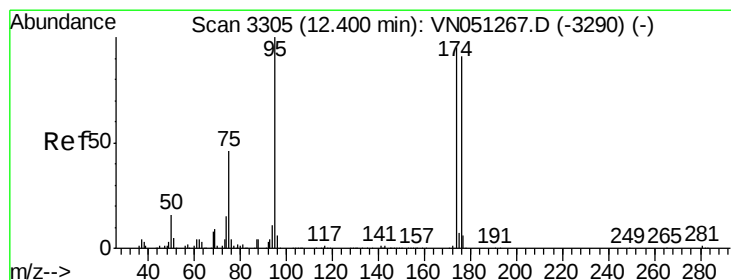
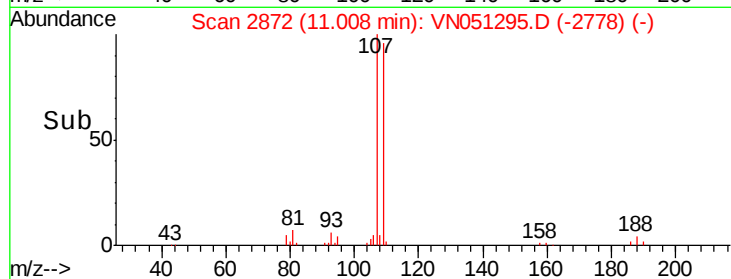
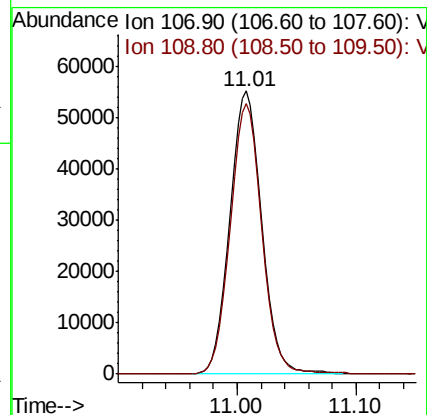
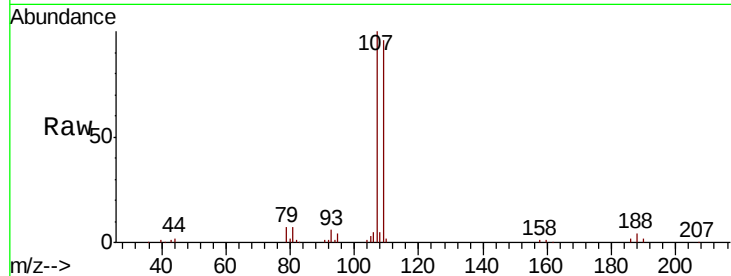
107 100

109 94.8 74.7 112.1

Manual Integrations
APPROVED

MMDadoda

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#62

4-Bromofluorobenzene

Concen: 48.252 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051295.D

Acq: 18 Sep 2018 14:11

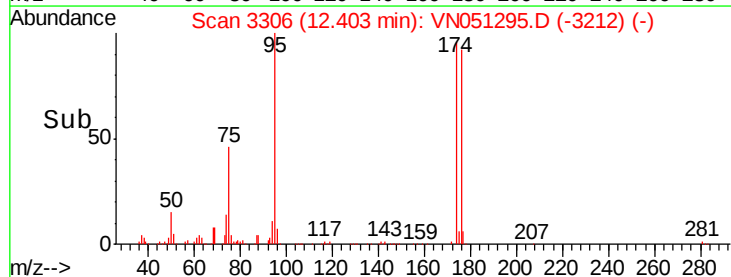
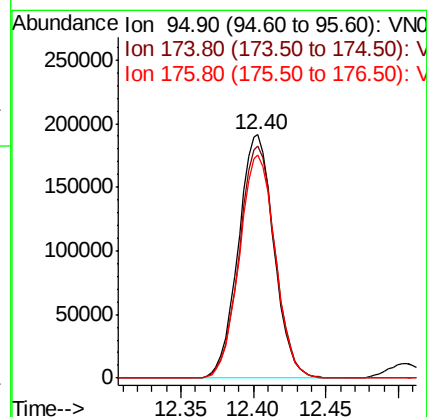
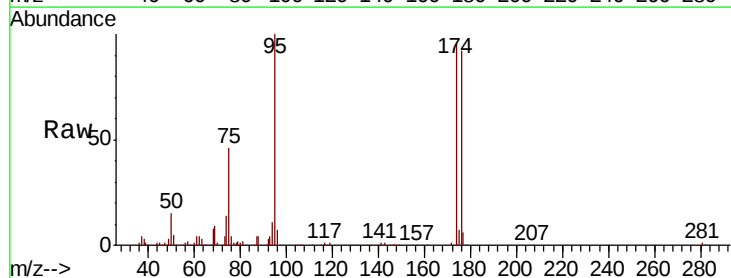
Tgt Ion: 95 Resp: 324421

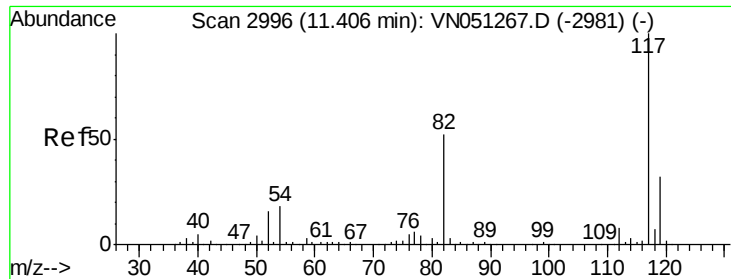
Ion Ratio Lower Upper

95 100

174 96.2 0.0 189.6

176 92.9 0.0 182.6





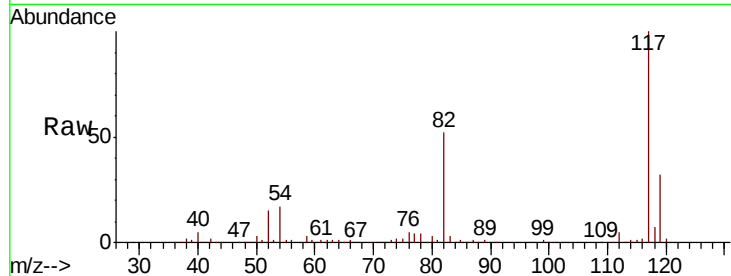
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051295.D
Acq: 18 Sep 2018 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	658909		
82	52.0	41.8	62.8	
119	32.4	25.6	38.4	

Manual Integrations
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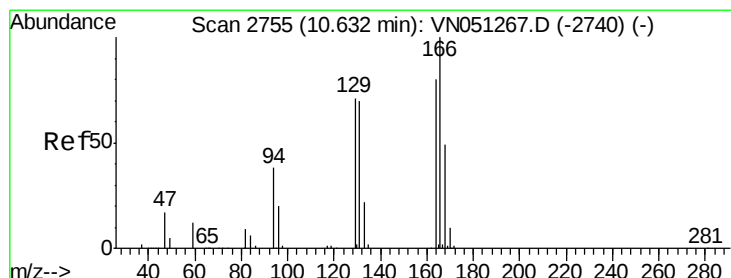
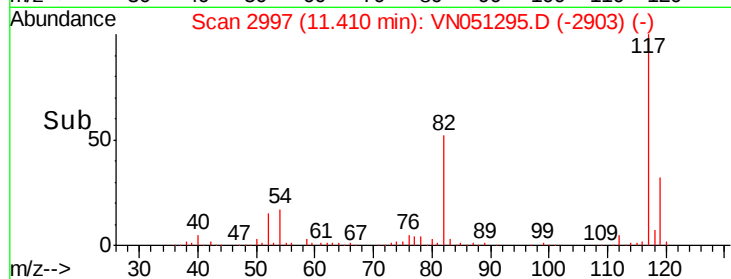
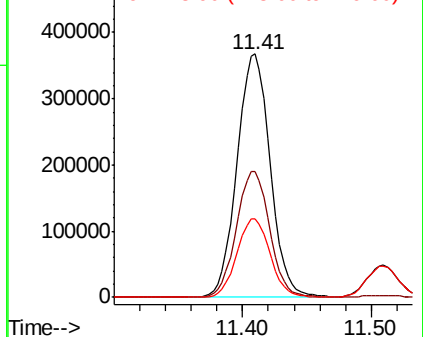


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 19.640 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN051295.D
Acq: 18 Sep 2018 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	122856		
166	125.9	100.0	150.0	
129	88.4	70.8	106.2	
131	82.9	69.6	104.4	

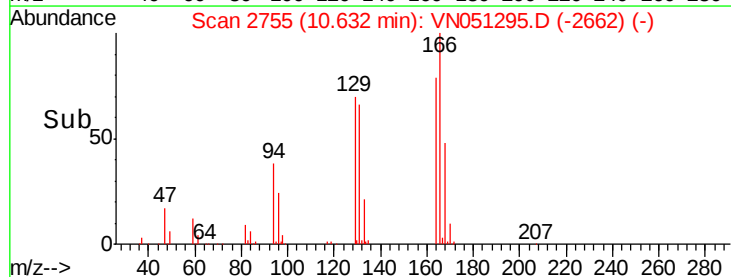
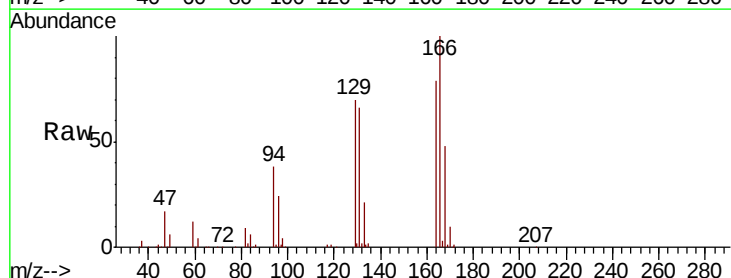
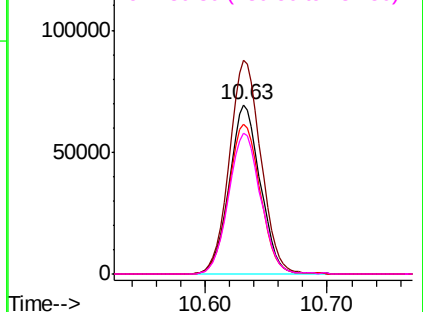
Abundance

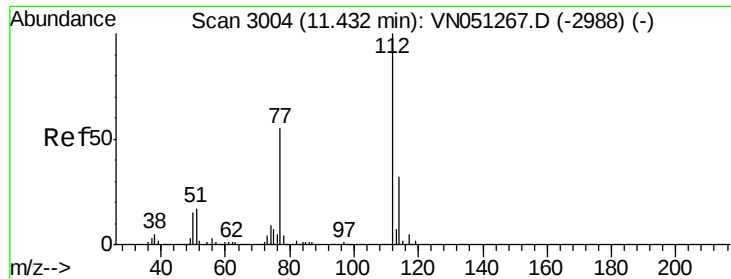
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





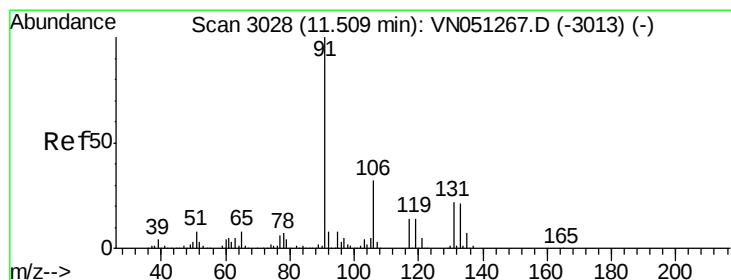
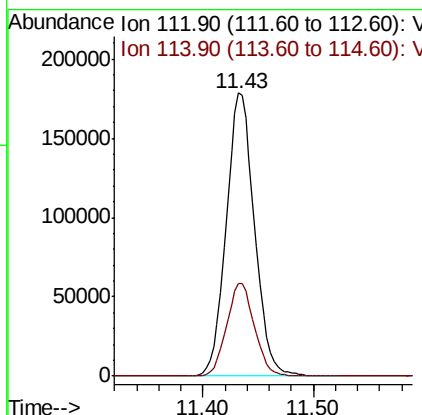
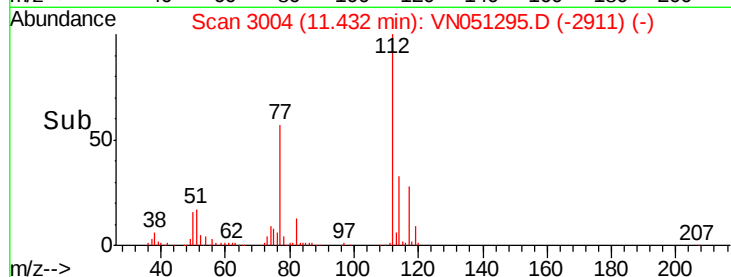
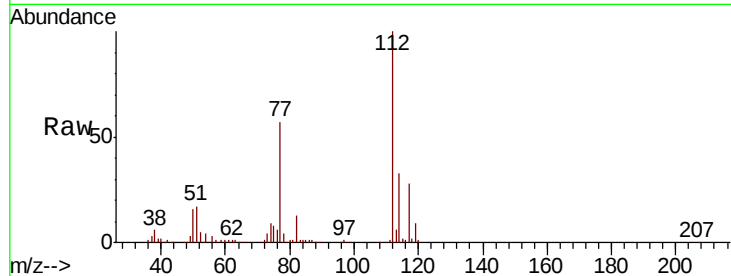
#65
Chlorobenzene
Concen: 19.377 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN051295.D
Acq: 18 Sep 2018 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS02

Tgt Ion:112 Resp: 315818
Ion Ratio Lower Upper
112 100
114 32.7 25.9 38.9

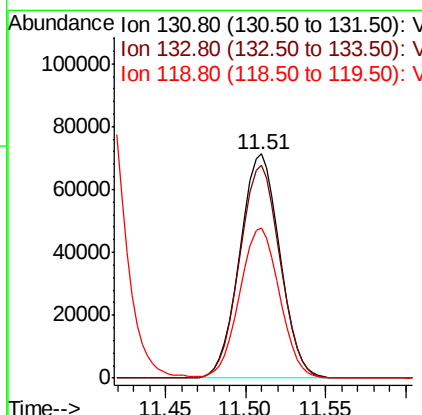
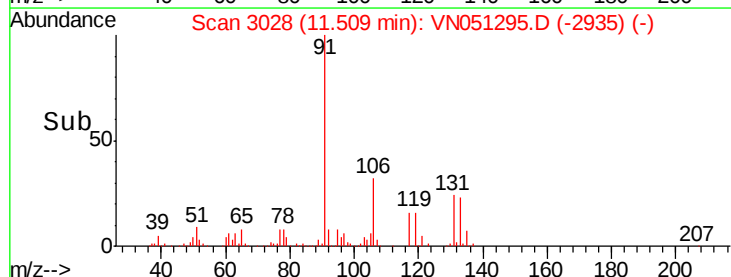
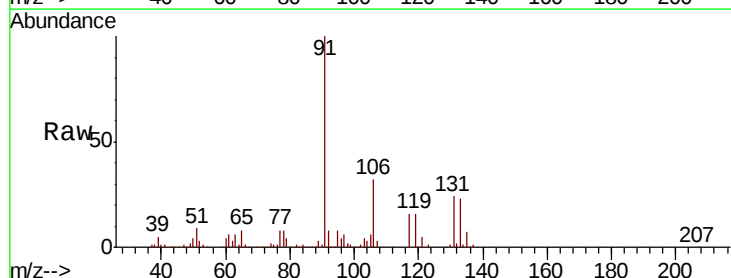
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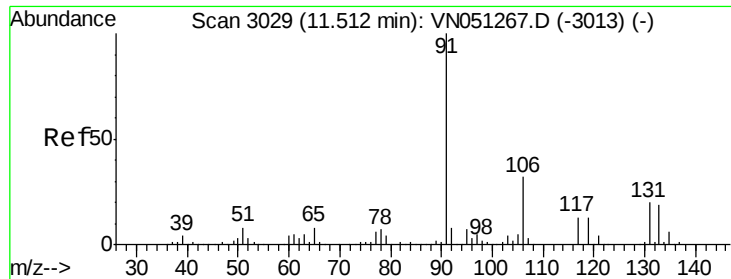
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.770 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN051295.D
Acq: 18 Sep 2018 14:11

Tgt Ion:131 Resp: 121990
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.7
119 66.6 32.6 98.0





#67

Ethyl Benzene

Concen: 19.574 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN051295.D

Acq: 18 Sep 2018 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBS02

Tgt Ion: 91 Resp: 508393

Ion Ratio Lower Upper

91 100

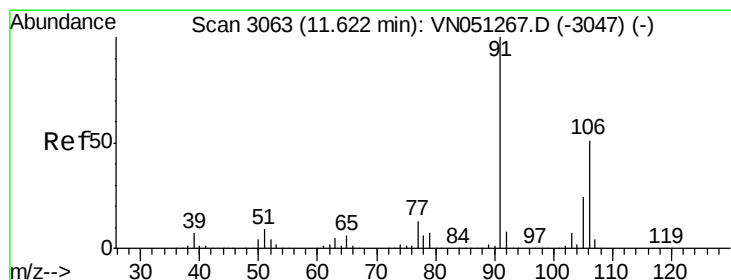
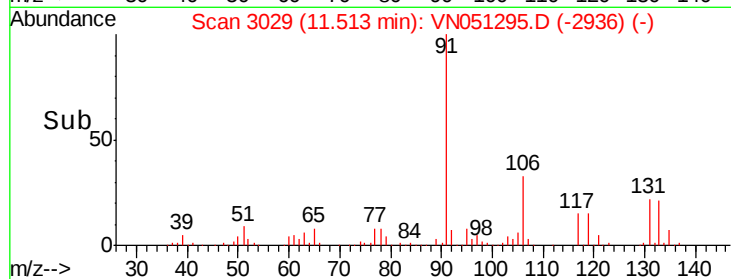
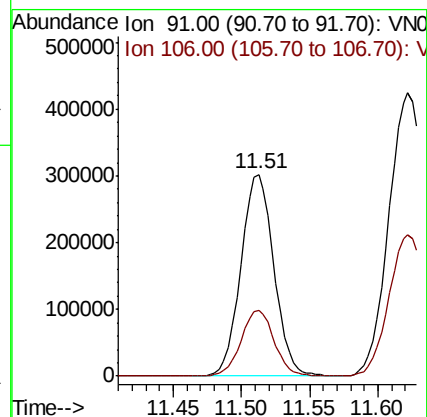
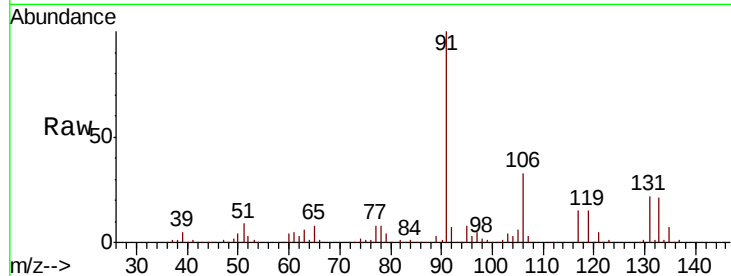
106 32.6 25.7 38.5

Manual Integrations

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#68

m/p-Xylenes

Concen: 40.372 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN051295.D

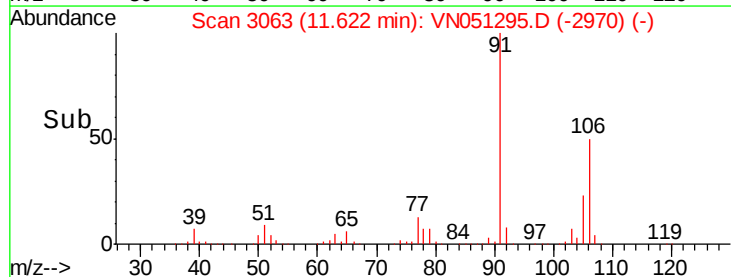
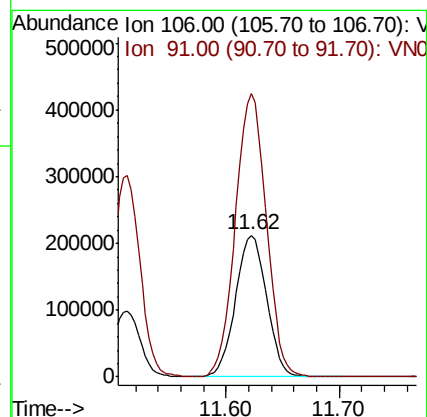
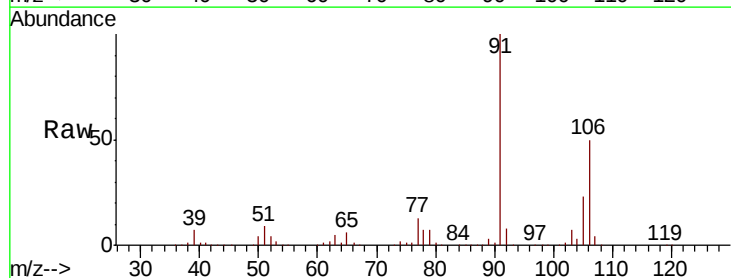
Acq: 18 Sep 2018 14:11

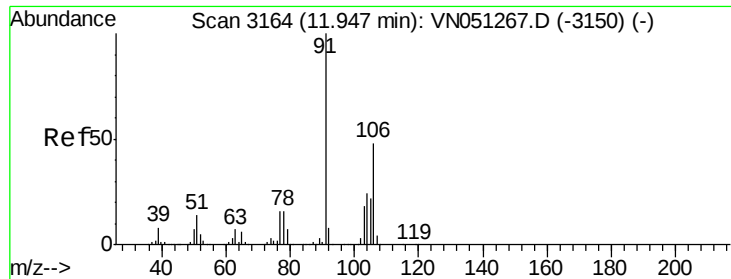
Tgt Ion: 106 Resp: 407341

Ion Ratio Lower Upper

106 100

91 198.5 158.6 238.0





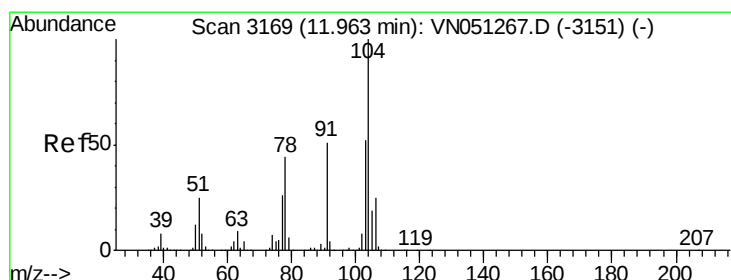
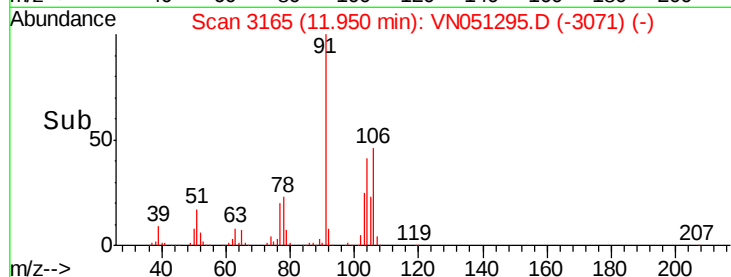
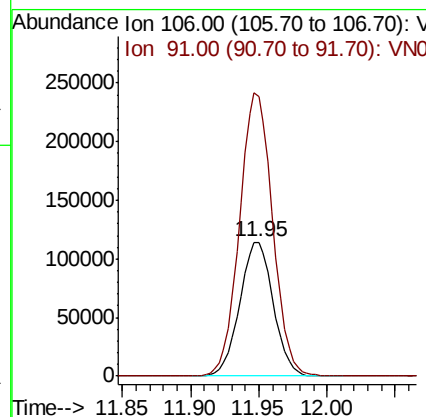
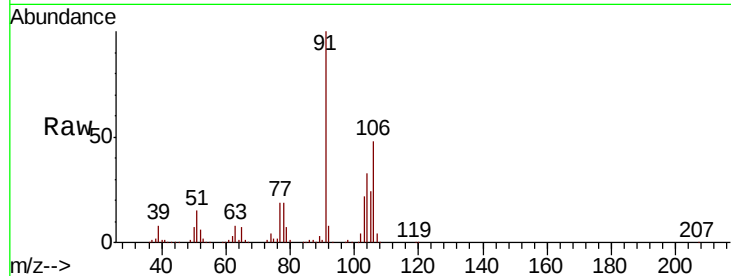
#69
o-Xylene
Concen: 20.195 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN051295.D
Acq: 18 Sep 2018 14:11

Instrument :
MSVOA_N
ClientSampled :
VN0918WBS02

Tgt Ion	Ratio	Lower	Upper
106	100		
91	209.2	104.1	312.3

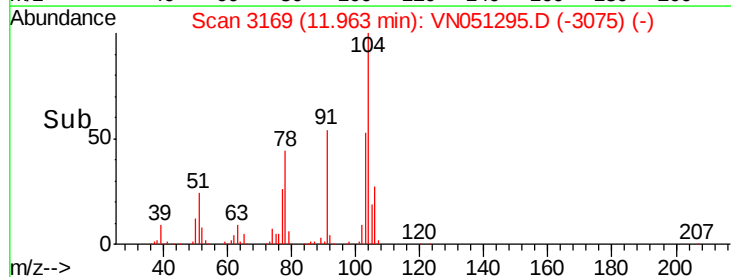
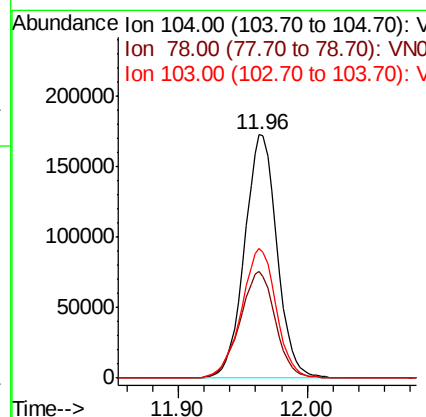
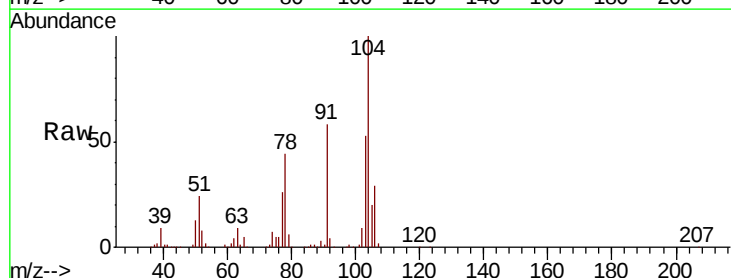
Manual Integrations
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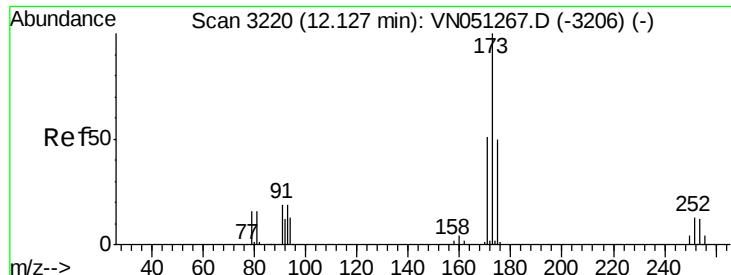
MMDadoda
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#70
Styrene
Concen: 18.549 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN051295.D
Acq: 18 Sep 2018 14:11

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.7	38.1	57.1
103	57.1	44.8	67.2





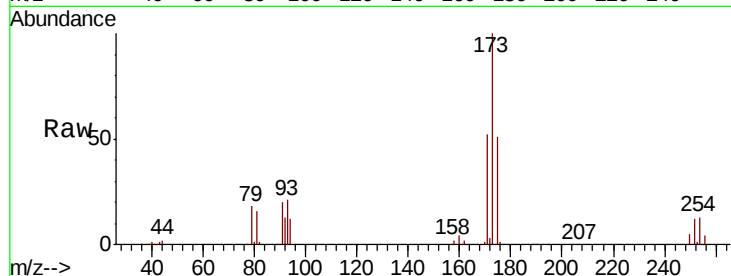
#71
Bromoform
Concen: 19.986 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN051295.D
Acq: 18 Sep 2018 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS02

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.4	73.2
254	0.0	0.1	0.1#

Manual Integrations
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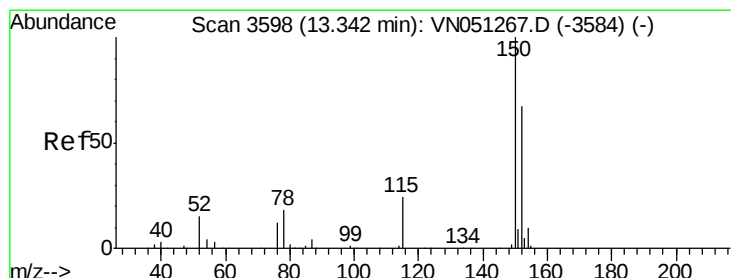
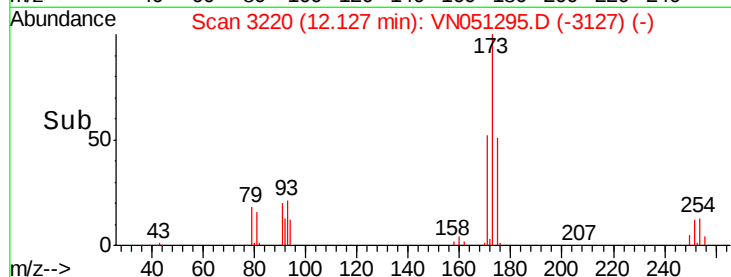
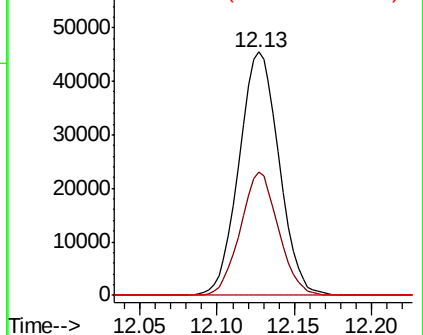


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051295.D
Acq: 18 Sep 2018 14:11

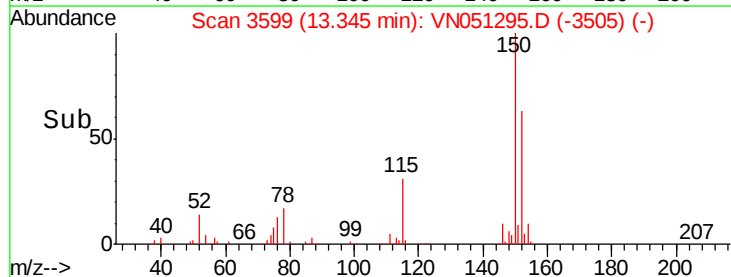
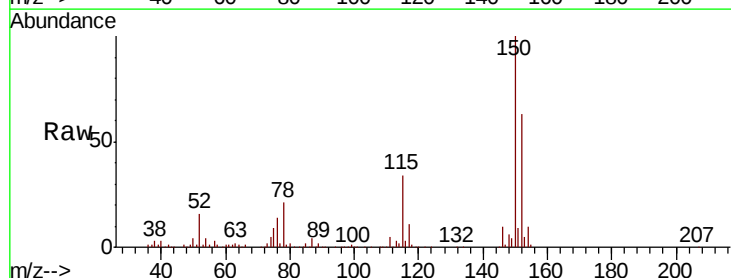
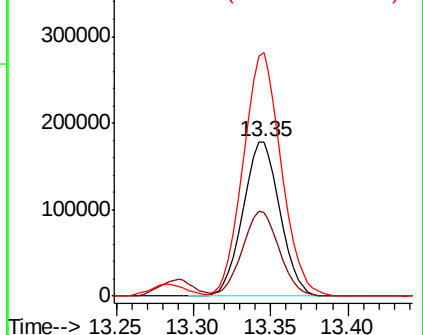
Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.6	27.1	81.2
150	162.5	0.0	349.0

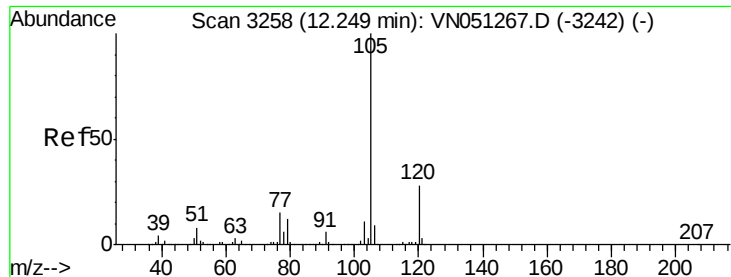
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.108 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051295.D

Acq: 18 Sep 2018 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBS02

Tgt Ion: 105 Resp: 503537

Ion Ratio Lower Upper

105 100

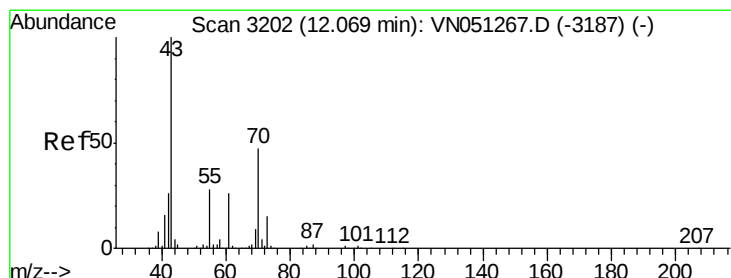
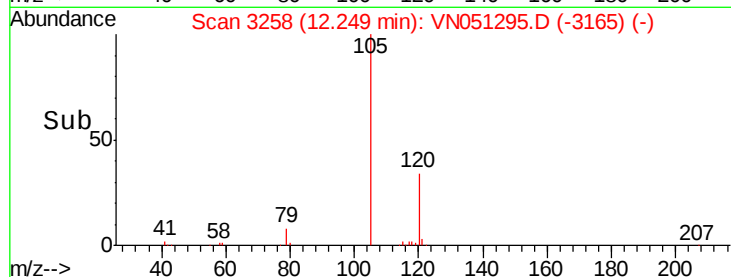
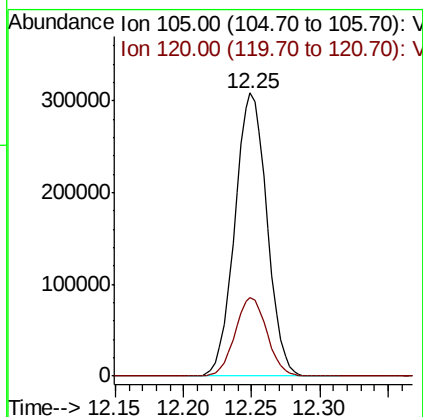
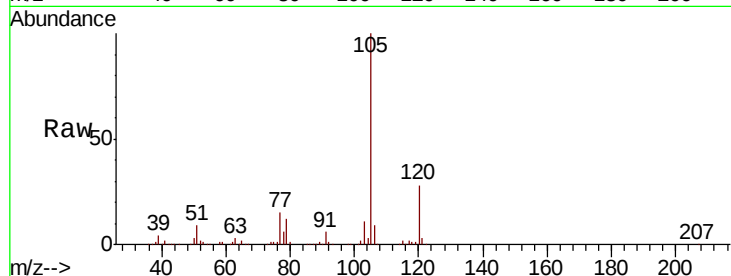
120 27.5 13.8 41.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 18.986 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN051295.D

Acq: 18 Sep 2018 14:11

Tgt Ion: 43 Resp: 97589

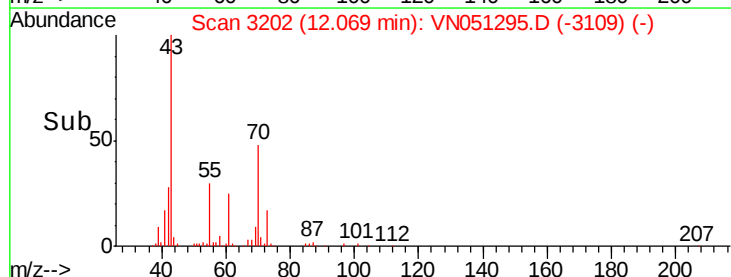
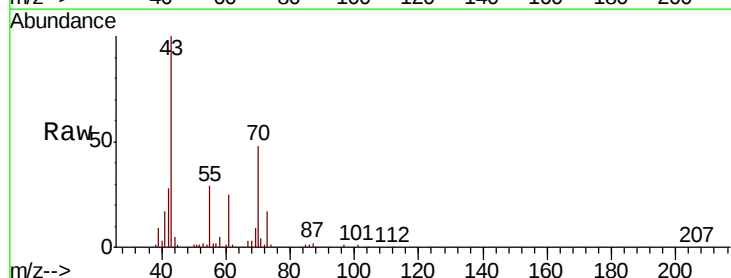
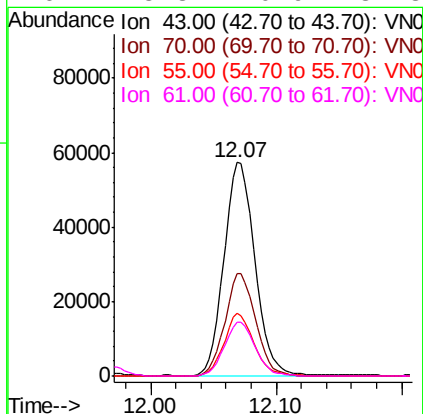
Ion Ratio Lower Upper

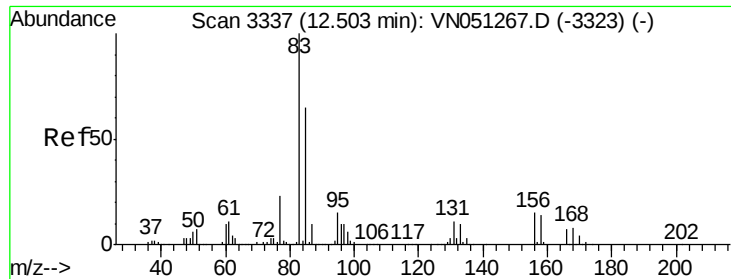
43 100

70 47.6 37.8 56.6

55 28.6 22.6 34.0

61 25.3 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 23.015 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN051295.D

Acq: 18 Sep 2018 14:11

Instrument :

MSVOA_N

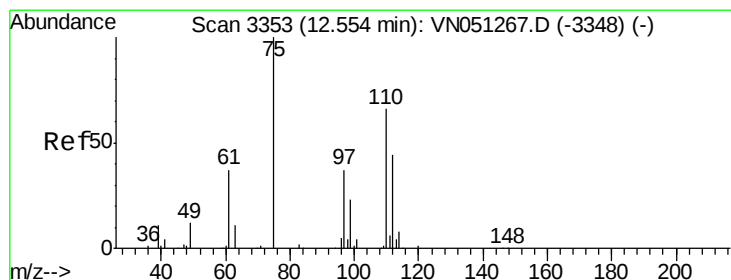
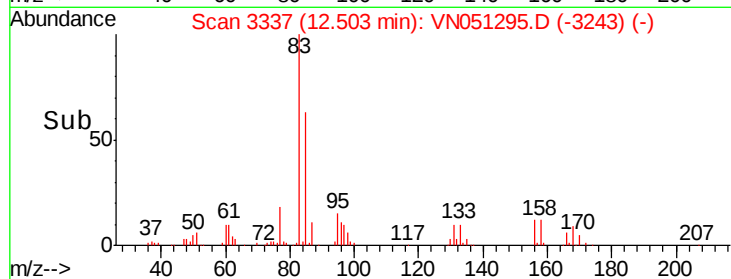
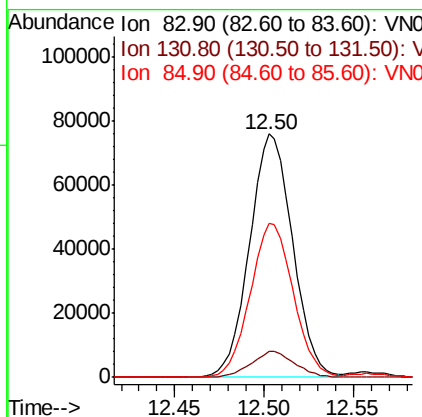
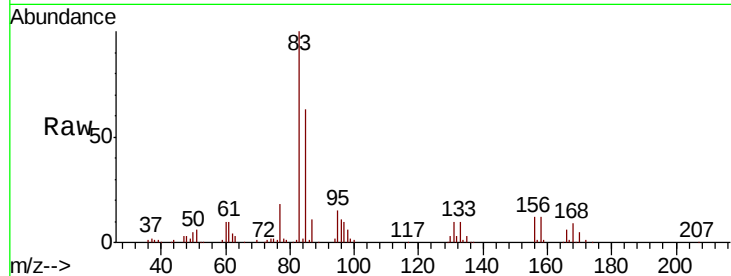
ClientSampleId :

VN0918WBS02

Tgt Ion:	83	Resp:	127943
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.5	16.7
85	63.3	32.3	96.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 24.704 ug/l m

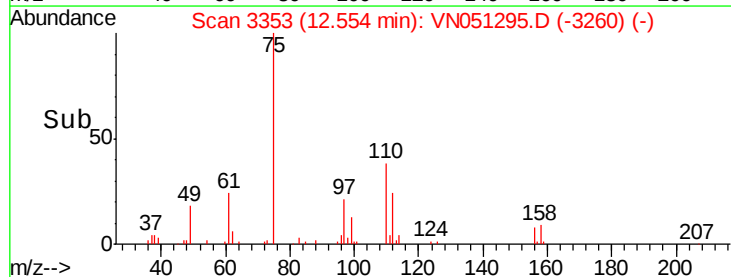
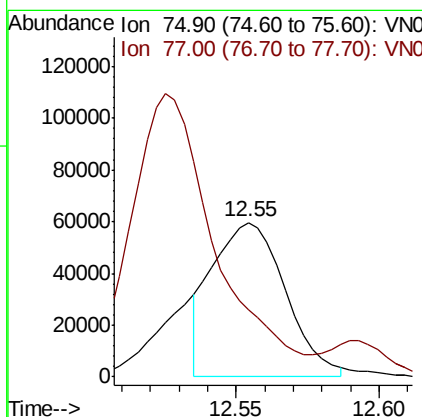
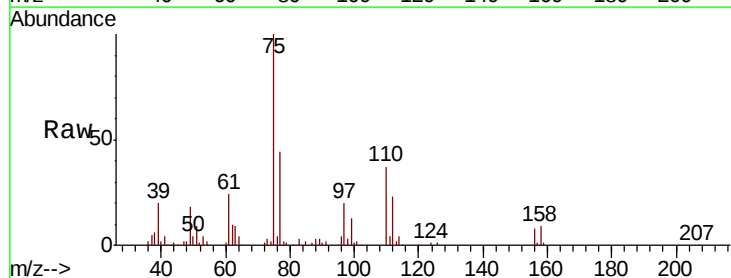
RT: 12.55 min Scan# 3353

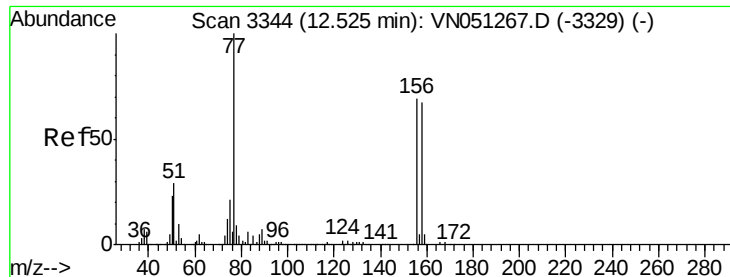
Delta R.T. 0.00 min

Lab File: VN051295.D

Acq: 18 Sep 2018 14:11

Tgt Ion:	75	Resp:	106034
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.893 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN051295.D

Acq: 18 Sep 2018 14:11

Instrument :

MSVOA_N

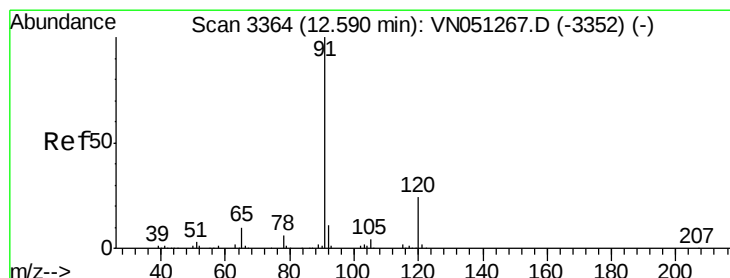
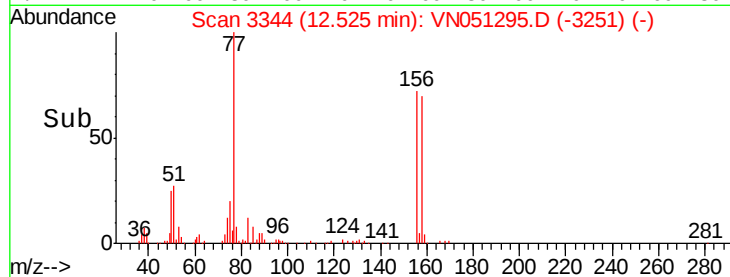
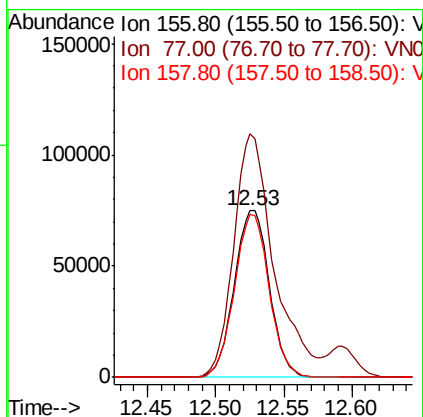
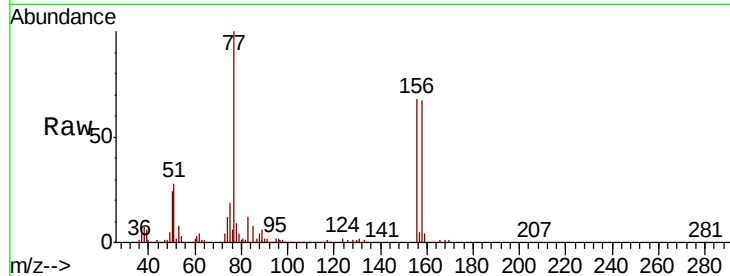
ClientSampleId :

VN0918WBS02

Tgt Ion:	156	Resp:	134125
Ion Ratio	Lower	Upper	
156	100		
77	167.6	83.7	251.1
158	96.3	49.0	147.2

Manual Integrations
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#78

n-propylbenzene

Concen: 20.234 ug/l

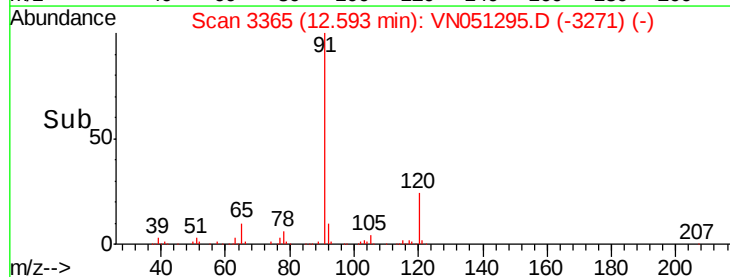
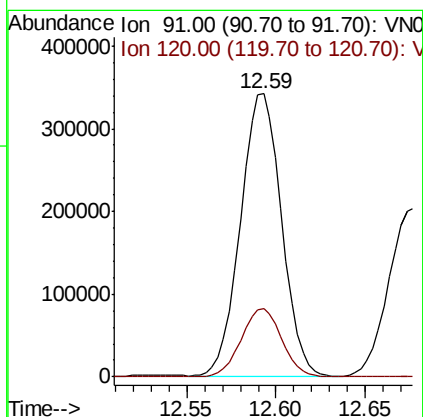
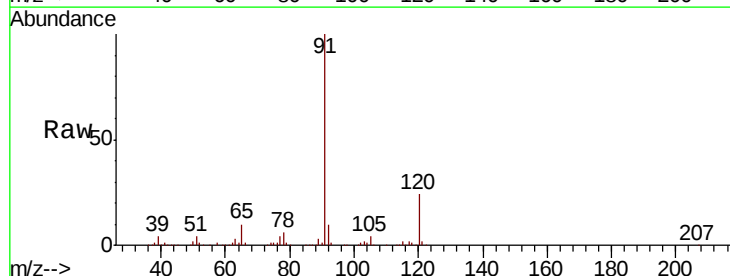
RT: 12.59 min Scan# 3365

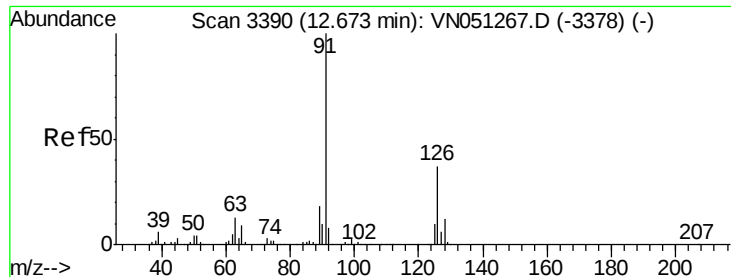
Delta R.T. 0.00 min

Lab File: VN051295.D

Acq: 18 Sep 2018 14:11

Tgt Ion:	91	Resp:	546518
Ion Ratio	Lower	Upper	
91	100		
120	23.9	12.1	36.3





#79

2-Chlorotoluene

Concen: 19.766 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN051295.D

Acq: 18 Sep 2018 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBS02

Tgt Ion: 91 Resp: 339354

Ion Ratio Lower Upper

91 100

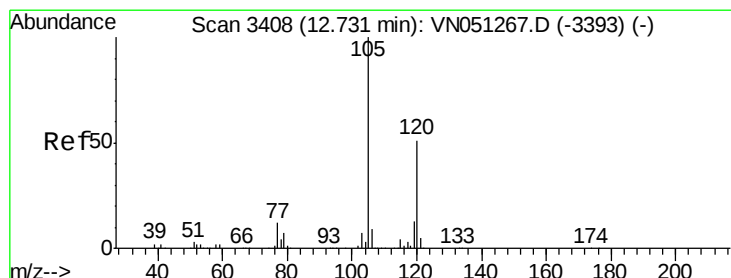
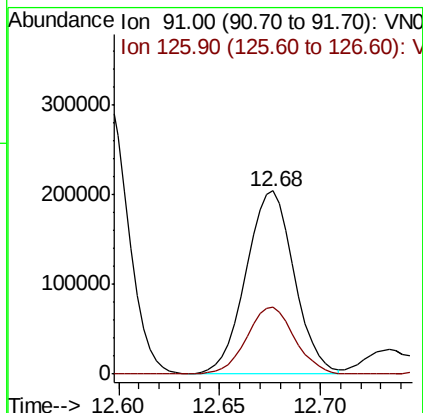
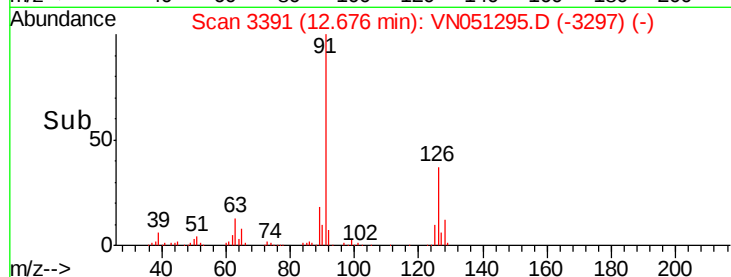
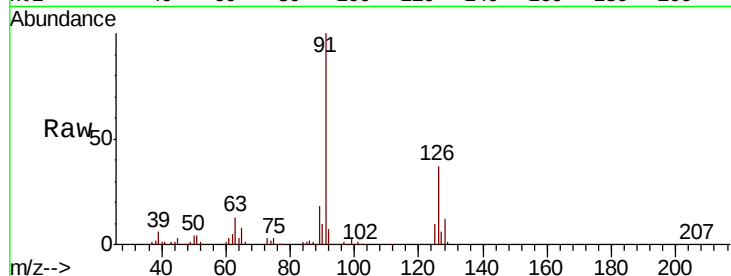
126 36.7 18.2 54.6

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 20.778 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN051295.D

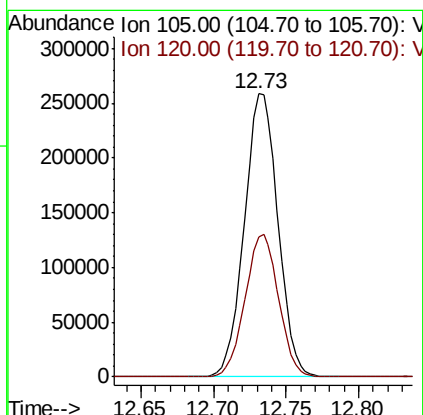
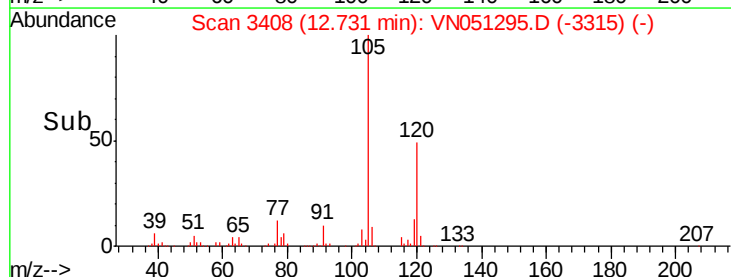
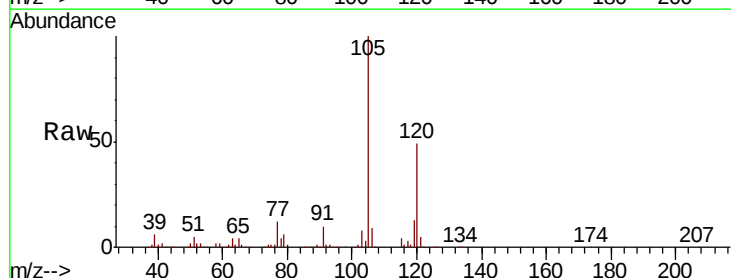
Acq: 18 Sep 2018 14:11

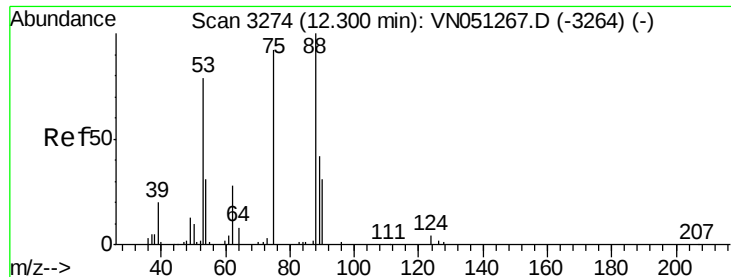
Tgt Ion: 105 Resp: 416000

Ion Ratio Lower Upper

105 100

120 50.4 25.3 75.8





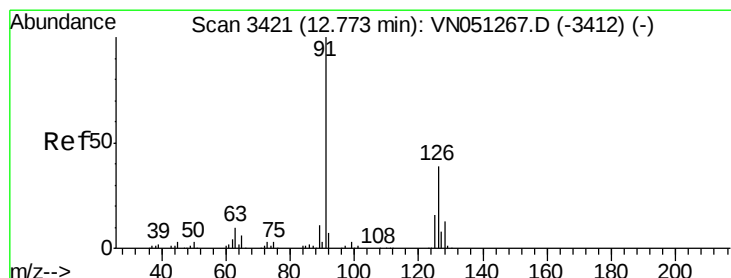
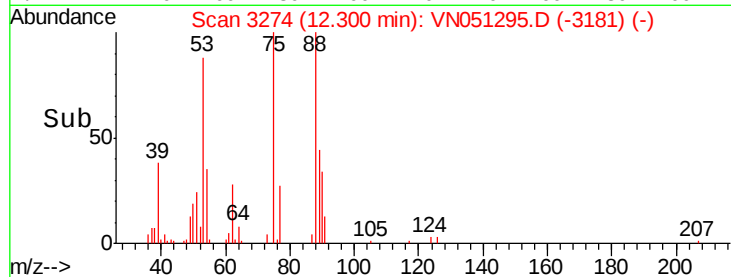
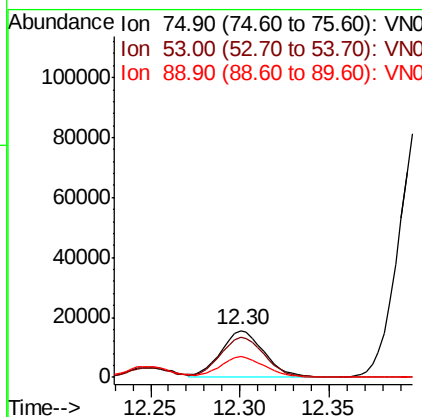
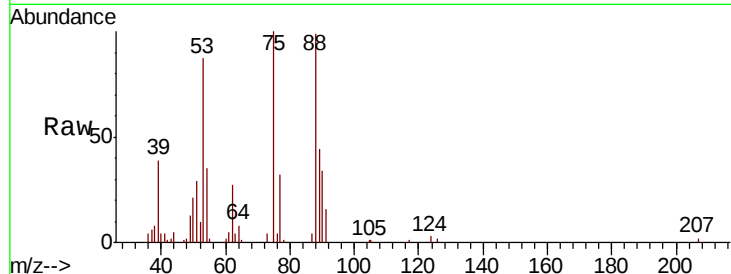
#81
trans-1,4-Dichloro-2-butene
Concen: 19.647 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN051295.D
Acq: 18 Sep 2018 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS02

Tgt Ion	Ratio	Lower	Upper
75	100		
53	88.2	67.7	101.5
89	44.7	36.9	55.3

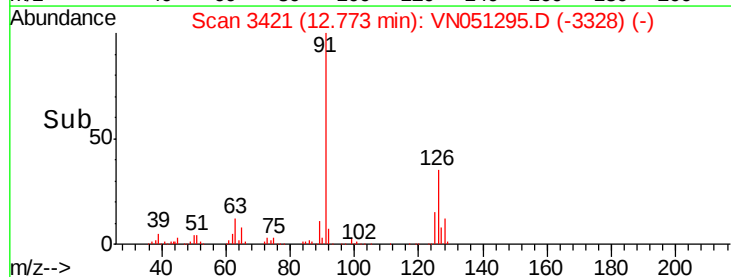
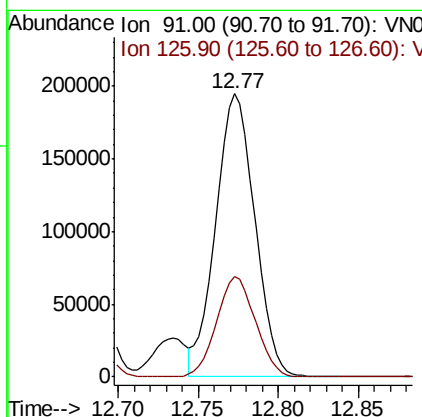
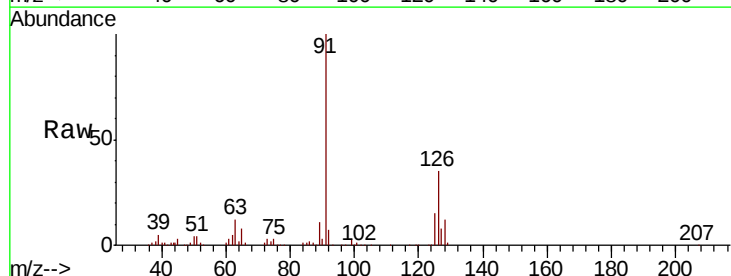
Manual Integrations
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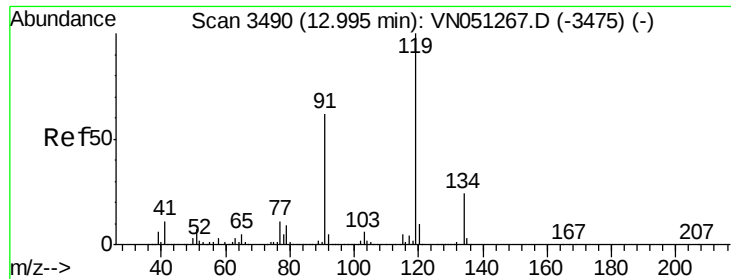
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#82
4-Chlorotoluene
Concen: 20.032 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN051295.D
Acq: 18 Sep 2018 14:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.9	53.8





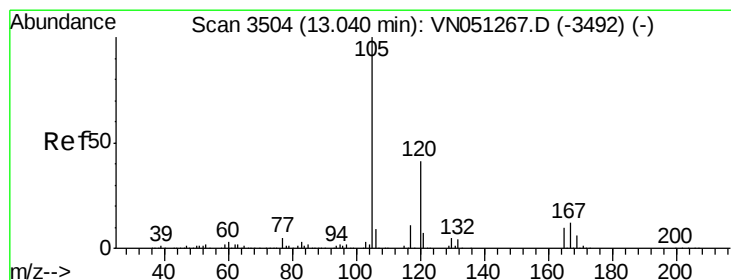
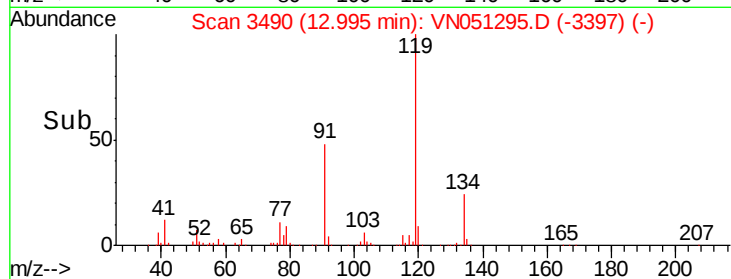
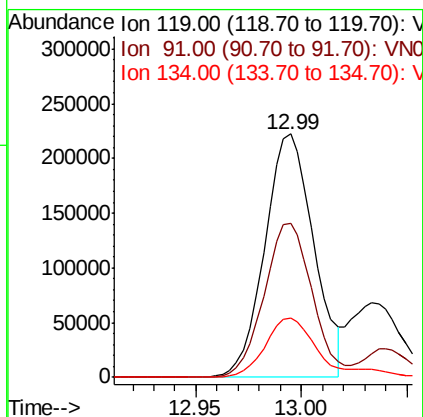
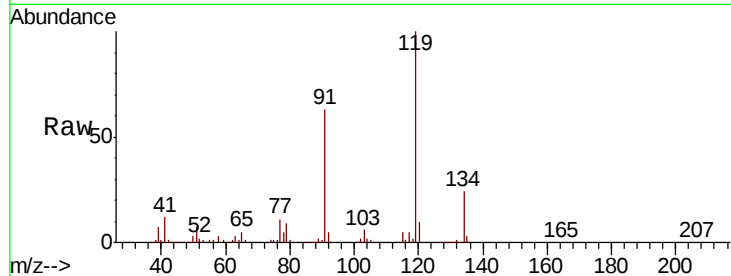
#83
 tert-Butylbenzene
 Concen: 20.307 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN051295.D
 Acq: 18 Sep 2018 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	359288		
91	61.9	30.8	92.4	
134	24.8	12.4	37.0	

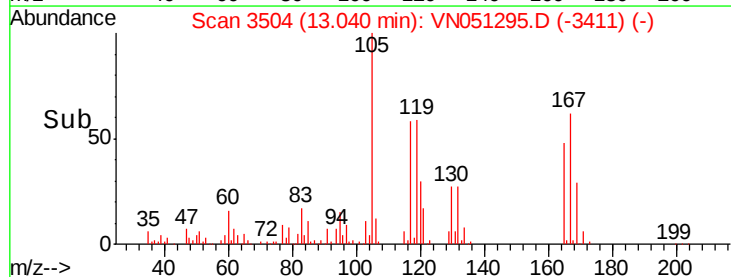
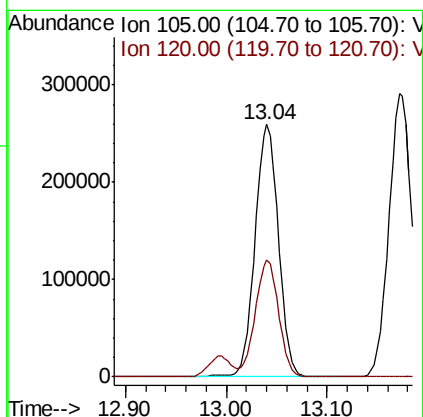
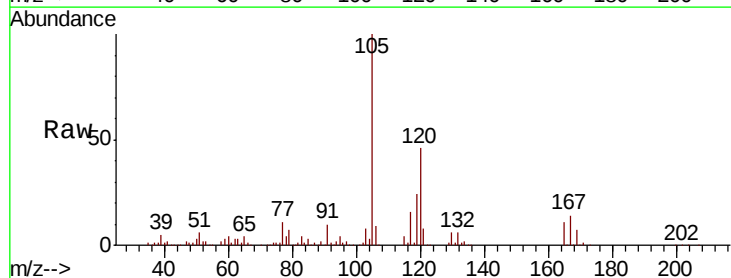
Manual Integrations
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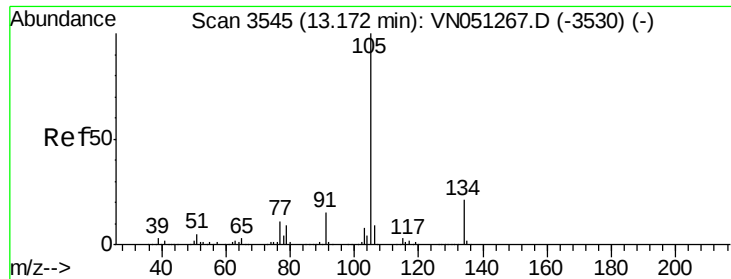
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.370 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN051295.D
 Acq: 18 Sep 2018 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	415481		
120	46.2	23.5	70.6	





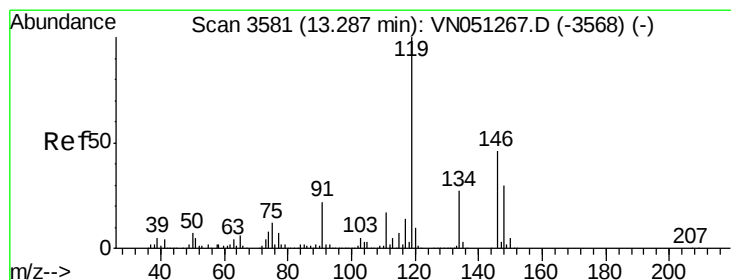
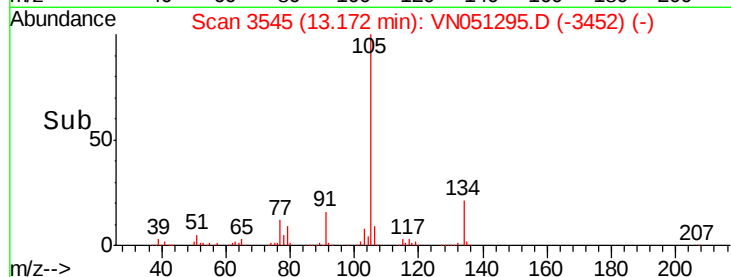
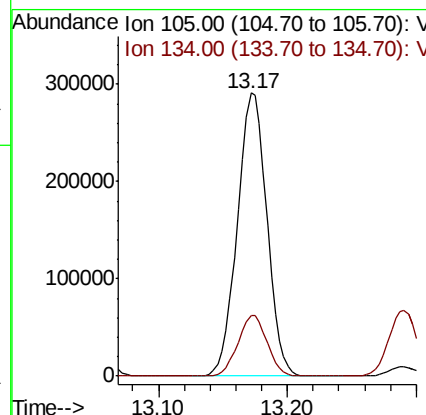
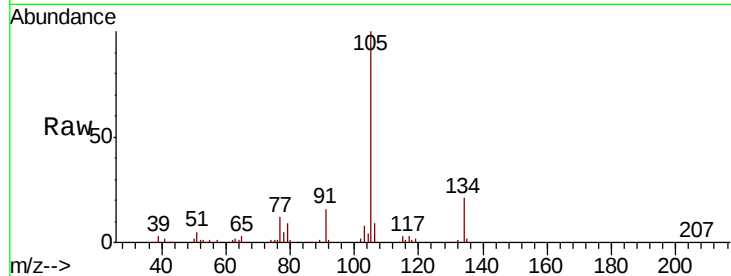
#85
 sec-Butylbenzene
 Concen: 20.629 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN051295.D
 Acq: 18 Sep 2018 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBS02

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.1	10.5	31.6

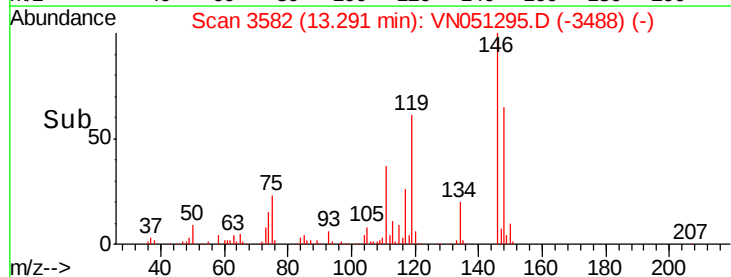
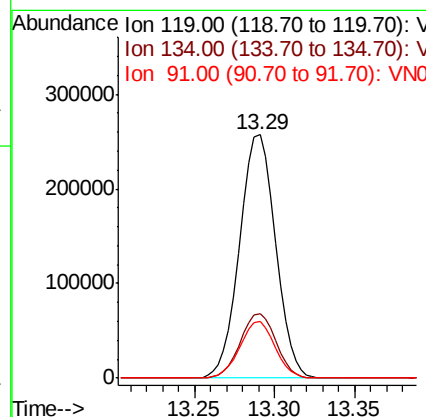
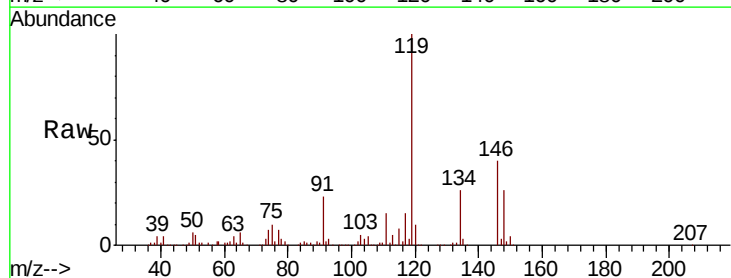
Manual Integrations
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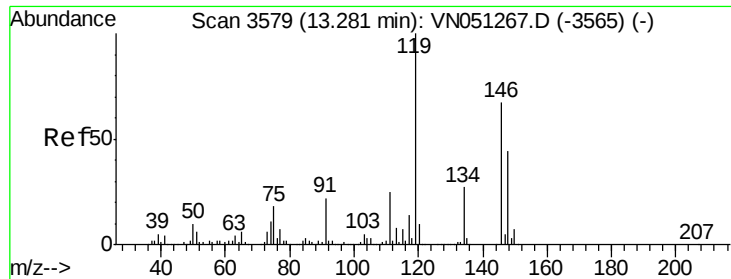
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#86
 p-Isopropyltoluene
 Concen: 20.850 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN051295.D
 Acq: 18 Sep 2018 14:11

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.5	40.5
91	22.6	11.1	33.1





#87

1,3-Dichlorobenzene

Concen: 19.297 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN051295.D

Acq: 18 Sep 2018 14:11

Instrument :

MSVOA_N

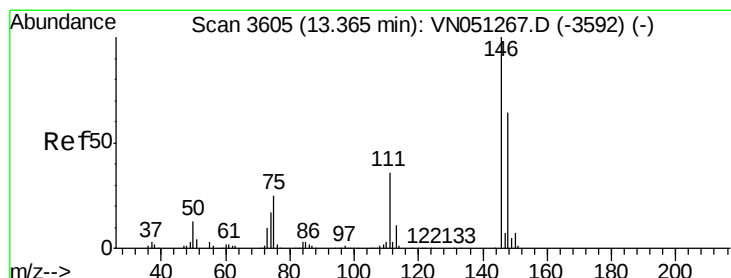
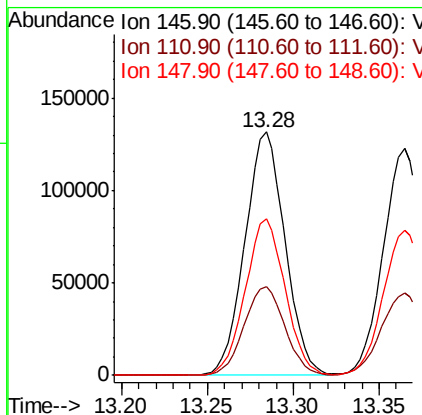
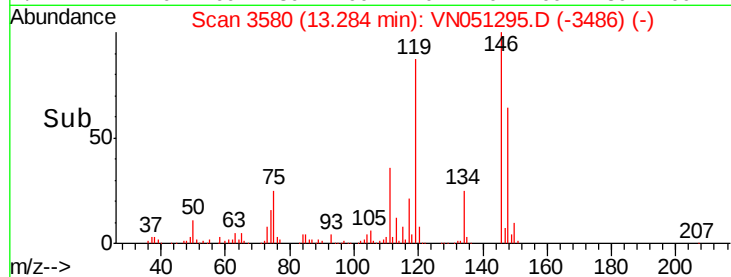
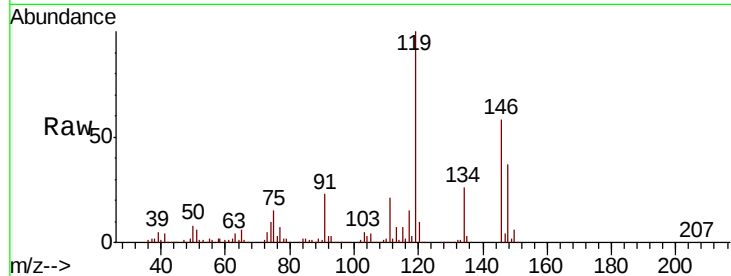
ClientSampled :

VN0918WBS02

Tgt Ion:	146	Resp:	213464
Ion Ratio	Lower	Upper	
146	100		
111	36.9	18.7	56.1
148	63.8	32.2	96.6

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.604 ug/l

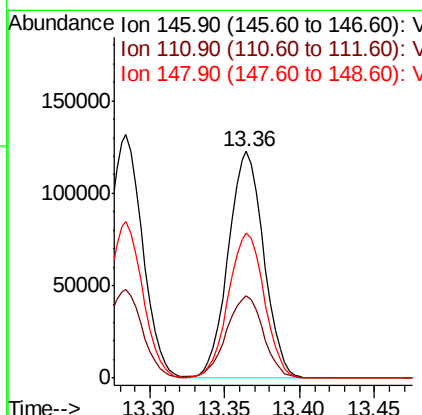
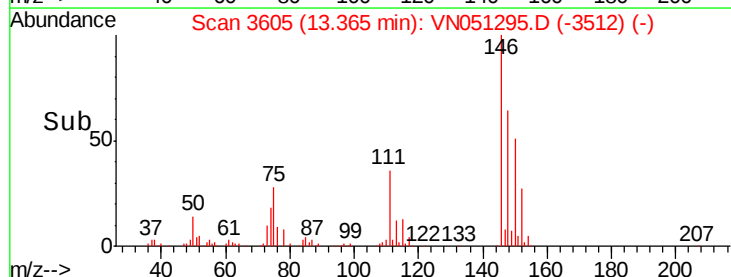
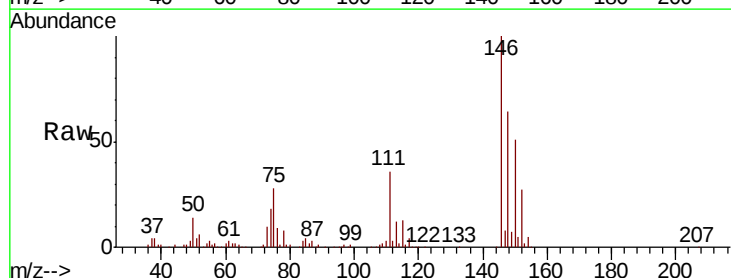
RT: 13.36 min Scan# 3605

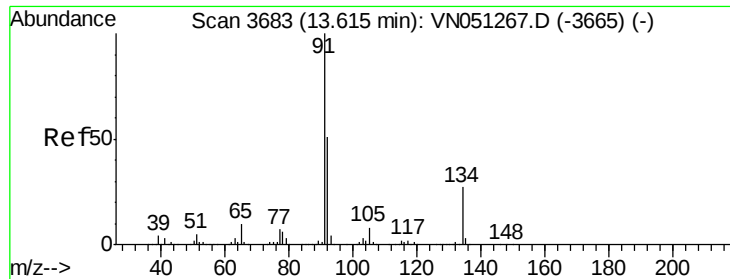
Delta R.T. 0.00 min

Lab File: VN051295.D

Acq: 18 Sep 2018 14:11

Tgt Ion:	146	Resp:	202785
Ion Ratio	Lower	Upper	
146	100		
111	37.7	18.2	54.6
148	64.9	31.9	95.7





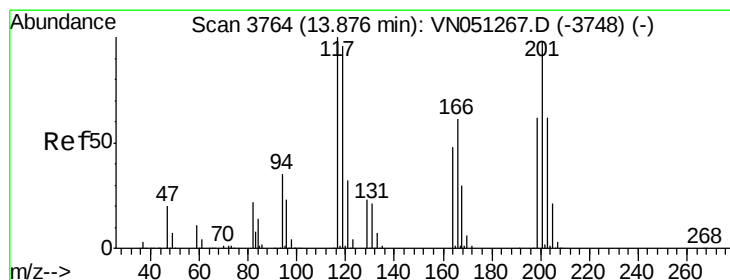
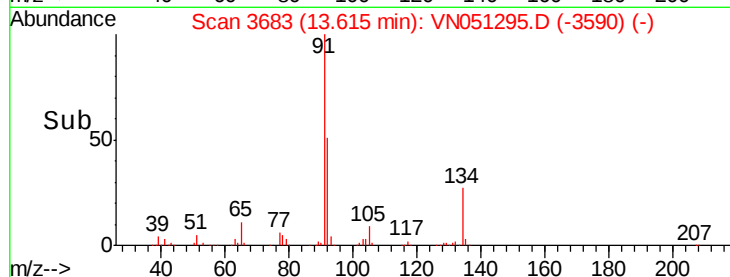
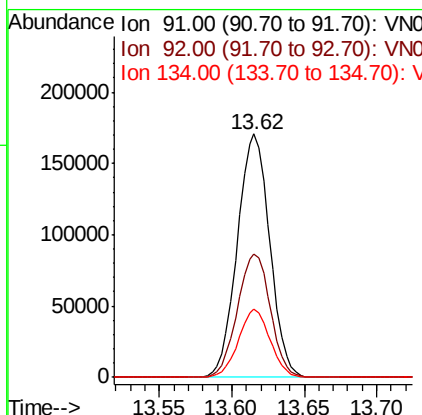
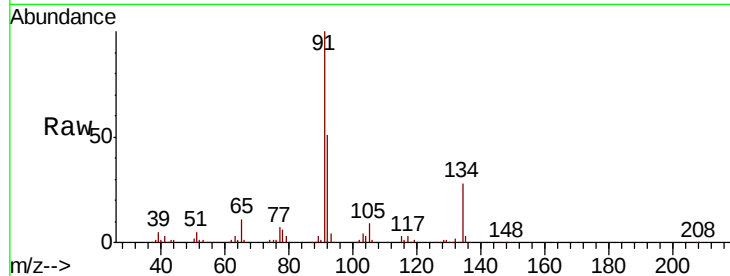
#89
n-Butylbenzene
Concen: 18.505 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN051295.D
Acq: 18 Sep 2018 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.2	25.8	77.4
134	27.2	13.7	41.0

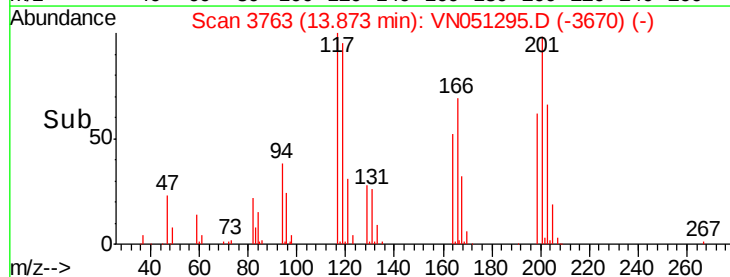
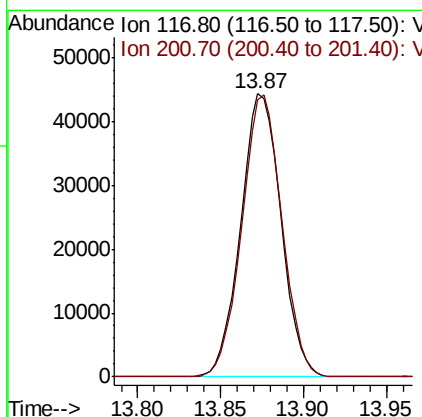
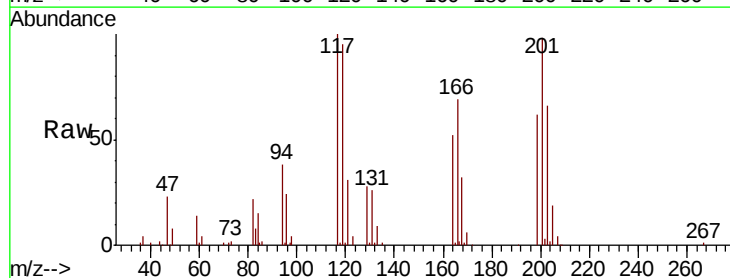
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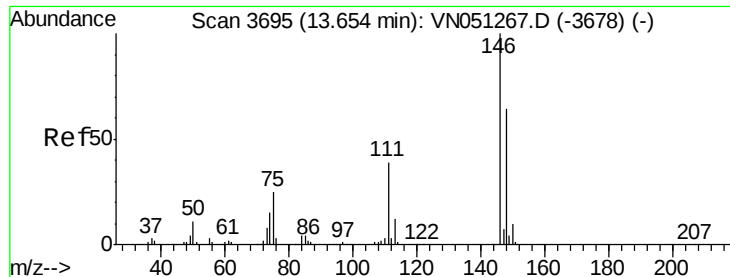
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#90
Hexachloroethane
Concen: 19.868 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN051295.D
Acq: 18 Sep 2018 14:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	98.6	48.4	145.3





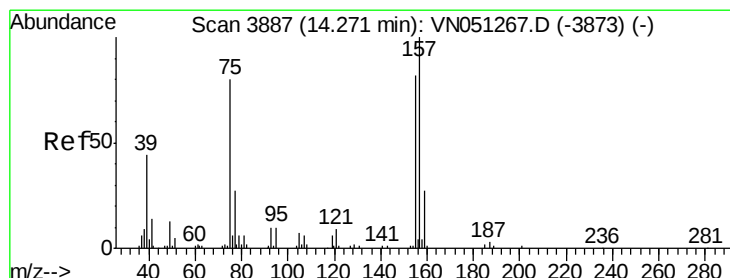
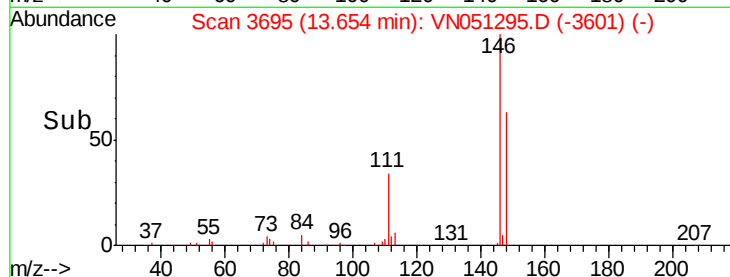
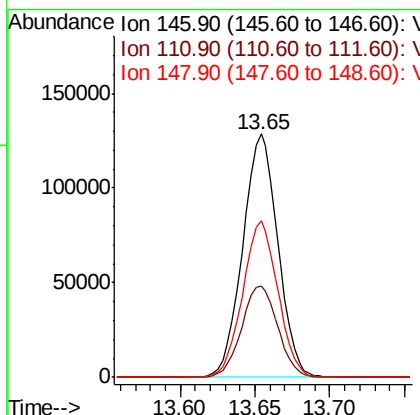
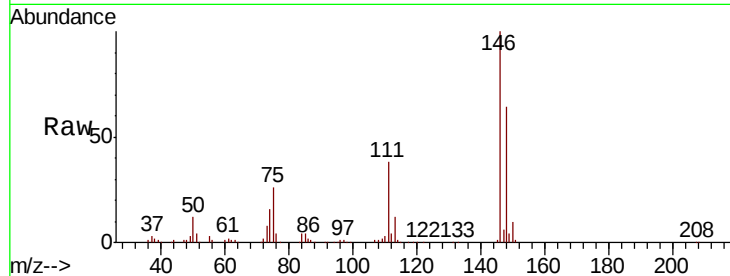
#91
 1,2-Dichlorobenzene
 Concen: 20.322 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN051295.D
 Acq: 18 Sep 2018 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	210219		
111	38.6	19.6	58.7	
148	64.1	31.9	95.9	

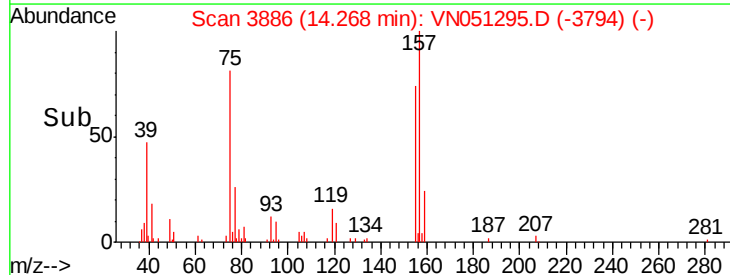
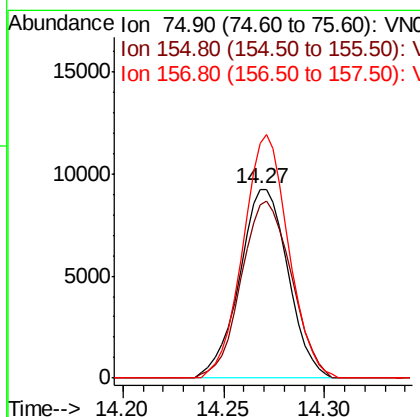
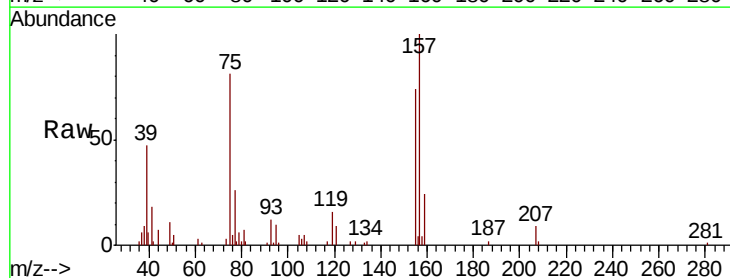
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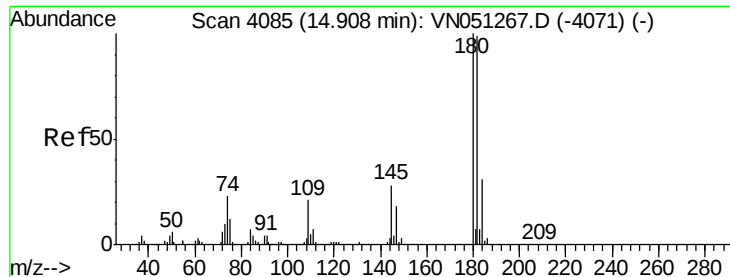
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.423 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN051295.D
 Acq: 18 Sep 2018 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	15579		
155	96.9	50.2	150.7	
157	121.1	62.9	188.7	





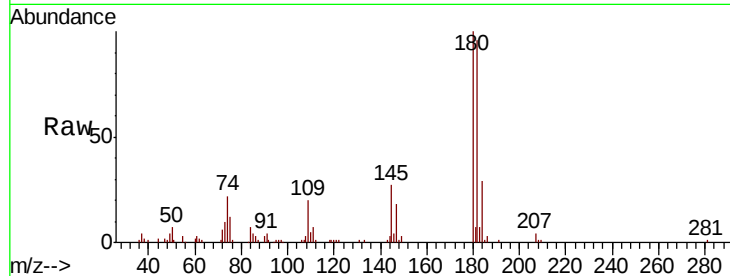
#93
 1,2,4-Trichlorobenzene
 Concen: 16.633 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN051295.D
 Acq: 18 Sep 2018 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBS02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	48.5	145.6
145	28.2	14.0	41.9

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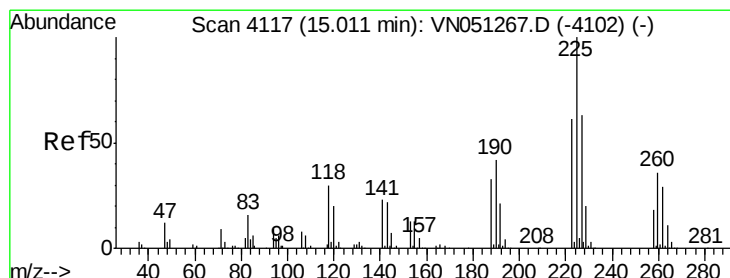
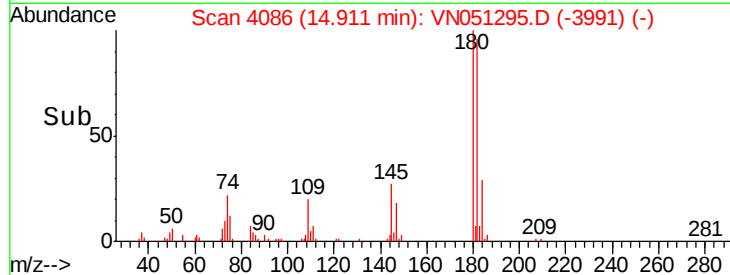
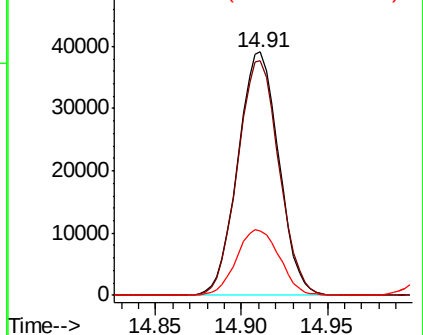


Abundance

Ion 179.80 (179.50 to 180.50): V

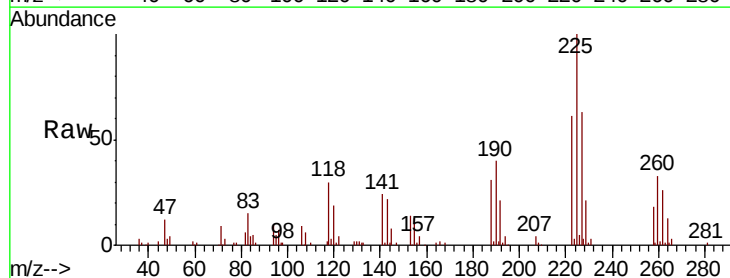
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 20.802 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN051295.D
 Acq: 18 Sep 2018 14:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	30.8	92.3
227	62.7	32.1	96.3

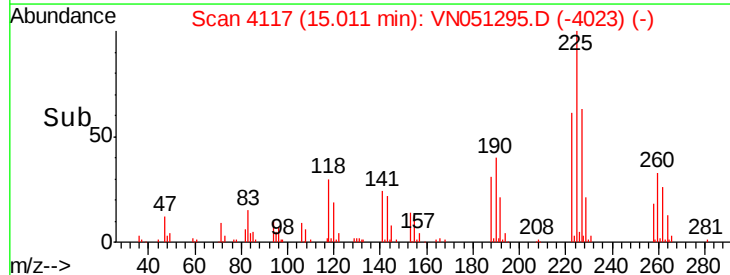
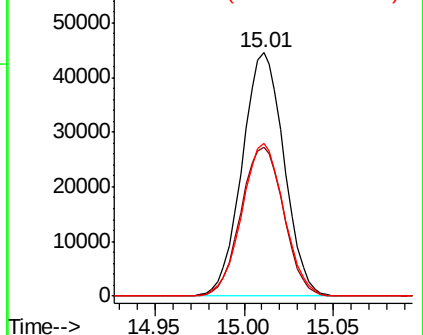


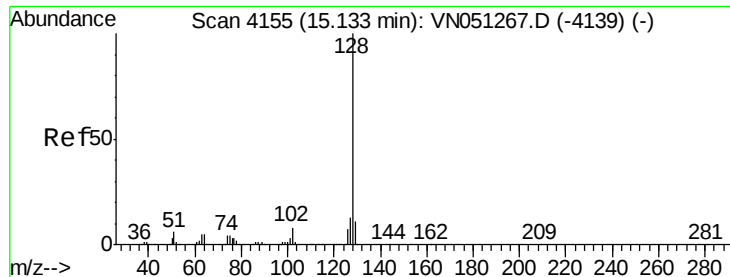
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





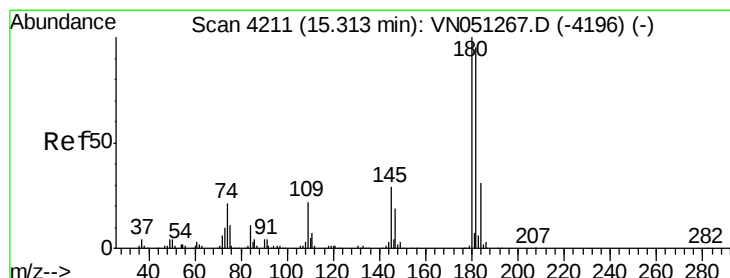
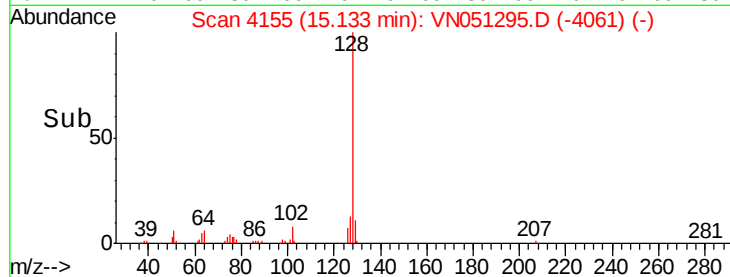
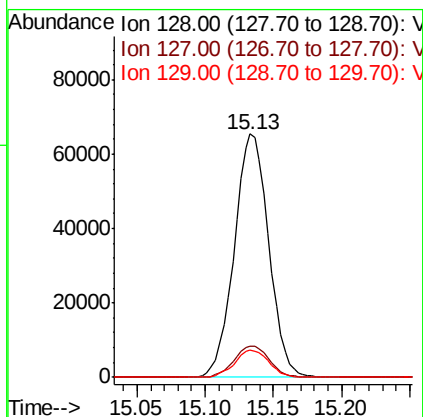
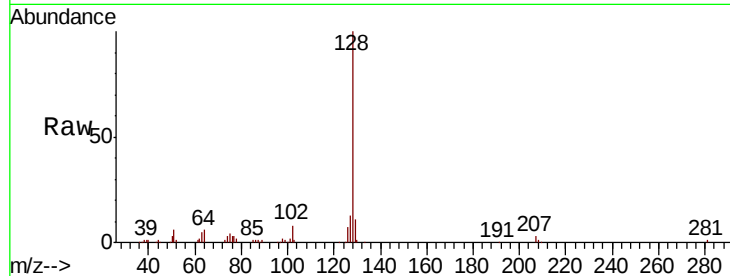
#95
Naphthalene
Concen: 16.779 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN051295.D
Acq: 18 Sep 2018 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	114426		
127	13.1	10.7	16.1	
129	11.0	8.9	13.3	

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#96
1,2,3-Trichlorobenzene
Concen: 17.587 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN051295.D
Acq: 18 Sep 2018 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	70495		
182	96.5	47.5	142.6	
145	29.8	14.8	44.4	

