

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091818\
 Data File : VN051286.D
 Acq On : 18 Sep 2018 8:44
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/19/2018 2:57:05 PM

Quant Time: Sep 18 14:26:04 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	7.66	168	599180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	792676	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	724567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	371003	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	313952	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
35) Dibromofluoromethane	7.59	113	317146	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
50) Toluene-d8	10.09	98	1203436	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
62) 4-Bromofluorobenzene	12.40	95	392431	54.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	289214	49.771	ug/l	99
3) Chloromethane	2.06	50	369955	49.441	ug/l	99
4) Vinyl Chloride	2.18	62	375280	47.839	ug/l	100
5) Bromomethane	2.56	94	218735	47.220	ug/l	99
6) Chloroethane	2.70	64	224050	47.874	ug/l	97
7) Trichlorofluoromethane	3.01	101	515290	47.932	ug/l	100
8) Diethyl Ether	3.41	74	168142	47.795	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	324862	48.360	ug/l	100
10) Methyl Iodide	3.95	142	317850	47.351	ug/l	100
11) Tert butyl alcohol	4.78	59	75864	211.562	ug/l	99
12) 1,1-Dichloroethene	3.73	96	290994	47.961	ug/l	99
13) Acrolein	3.61	56	92861	173.574	ug/l	97
14) Allyl chloride	4.32	41	432602	48.301	ug/l	98
15) Acrylonitrile	4.99	53	440034	234.550	ug/l	98
16) Acetone	3.81	43	346134	243.320	ug/l	100
17) Carbon Disulfide	4.05	76	883776	47.404	ug/l	99
18) Methyl Acetate	4.32	43	201183	45.390	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	723695	49.770	ug/l	98
20) Methylene Chloride	4.55	84	328530	46.095	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	314197	47.239	ug/l	99
22) Diisopropyl ether	5.95	45	888970	51.243	ug/l	100
23) Vinyl Acetate	5.90	43	2841506	252.791	ug/l	100
24) 1,1-Dichloroethane	5.85	63	562227	48.475	ug/l	99
25) 2-Butanone	6.83	43	469064	224.863	ug/l	99
26) 2,2-Dichloropropane	6.82	77	457352	48.487	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	347442	48.899	ug/l	100
28) Bromochloromethane	7.19	49	248464	48.644	ug/l	100
29) Tetrahydrofuran	7.21	42	300597	233.070	ug/l	99
30) Chloroform	7.37	83	569278	48.058	ug/l	98
31) Cyclohexane	7.65	56	509763	48.538	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	494945	48.691	ug/l	99
36) 1,1-Dichloropropene	7.79	75	443986	51.744	ug/l	99
37) Ethyl Acetate	6.93	43	212214	48.107	ug/l	99
38) Carbon Tetrachloride	7.77	117	455802	50.942	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	516106	55.370	ug/l	99
40) Benzene	8.04	78	1314669	51.494	ug/l	100
41) Methacrylonitrile	7.17	41	122609	54.167	ug/l	98
42) 1,2-Dichloroethane	8.12	62	375583	50.032	ug/l	99
43) Isopropyl Acetate	8.16	43	379086	49.667	ug/l #	86
44) Trichloroethene	8.83	130	364018	50.722	ug/l	98
45) 1,2-Dichloropropane	9.12	63	336216	51.944	ug/l	99
46) Dibromomethane	9.21	93	196065	49.728	ug/l	99
47) Bromodichloromethane	9.40	83	432065	51.413	ug/l	99
48) Methyl methacrylate	9.20	41	187189	50.924	ug/l	99
49) 1,4-Dioxane	9.20	88	53222	1000.749	ug/l	94
51) 4-Methyl-2-Pentanone	9.98	43	1007225	255.746	ug/l	100
52) Toluene	10.15	92	829828	54.298	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	419071	53.069	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	502253	53.252	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	278098	50.890	ug/l	98
56) Ethyl methacrylate	10.43	69	323576	46.683	ug/l	99
57) 1,3-Dichloropropane	10.71	76	464385	52.168	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	745257	233.501	ug/l	99
59) 2-Hexanone	10.75	43	654104	252.251	ug/l	99
60) Dibromochloromethane	10.90	129	338053	52.565	ug/l	99
61) 1,2-Dibromoethane	11.00	107	273798	52.128	ug/l	98
64) Tetrachloroethene	10.63	164	340585	49.513	ug/l	99
65) Chlorobenzene	11.43	112	918028	51.223	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	341047	50.263	ug/l	99
67) Ethyl Benzene	11.51	91	1535117	53.748	ug/l	100
68) m/p-Xylenes	11.62	106	1232018	111.041	ug/l	99
69) o-Xylene	11.95	106	582408	55.079	ug/l	100
70) Styrene	11.96	104	934017	49.943	ug/l	99
71) Bromoform	12.13	173	227907	50.651	ug/l	99
73) Isopropylbenzene	12.25	105	1549295	49.516	ug/l	99
74) N-amyl acetate	12.07	43	297620	46.340	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	318074	48.697	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	251916m	49.654	ug/l	
77) Bromobenzene	12.53	156	396954	50.743	ug/l	98
78) n-propylbenzene	12.59	91	1723696	51.074	ug/l	100
79) 2-Chlorotoluene	12.67	91	1019585	47.530	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1286564	51.431	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	82014	49.098	ug/l	99
82) 4-Chlorotoluene	12.77	91	1020211	49.994	ug/l	100
83) tert-Butylbenzene	12.99	119	1107989	50.121	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1295812	53.343	ug/l	99
85) sec-Butylbenzene	13.17	105	1450489	51.671	ug/l	100
86) p-Isopropyltoluene	13.29	119	1297551	55.125	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	682360	49.369	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	652070	49.804	ug/l	99
89) n-Butylbenzene	13.61	91	984659	50.900	ug/l	99
90) Hexachloroethane	13.87	117	234563	51.091	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	644439	50.580	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	41739	45.751	ug/l	98

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	279568	45.210	ug/l	98
94) Hexachlorobutadiene	15.01	225	225738	53.373	ug/l	99
95) Naphthalene	15.13	128	453393	40.346	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	269907	45.918	ug/l	99

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

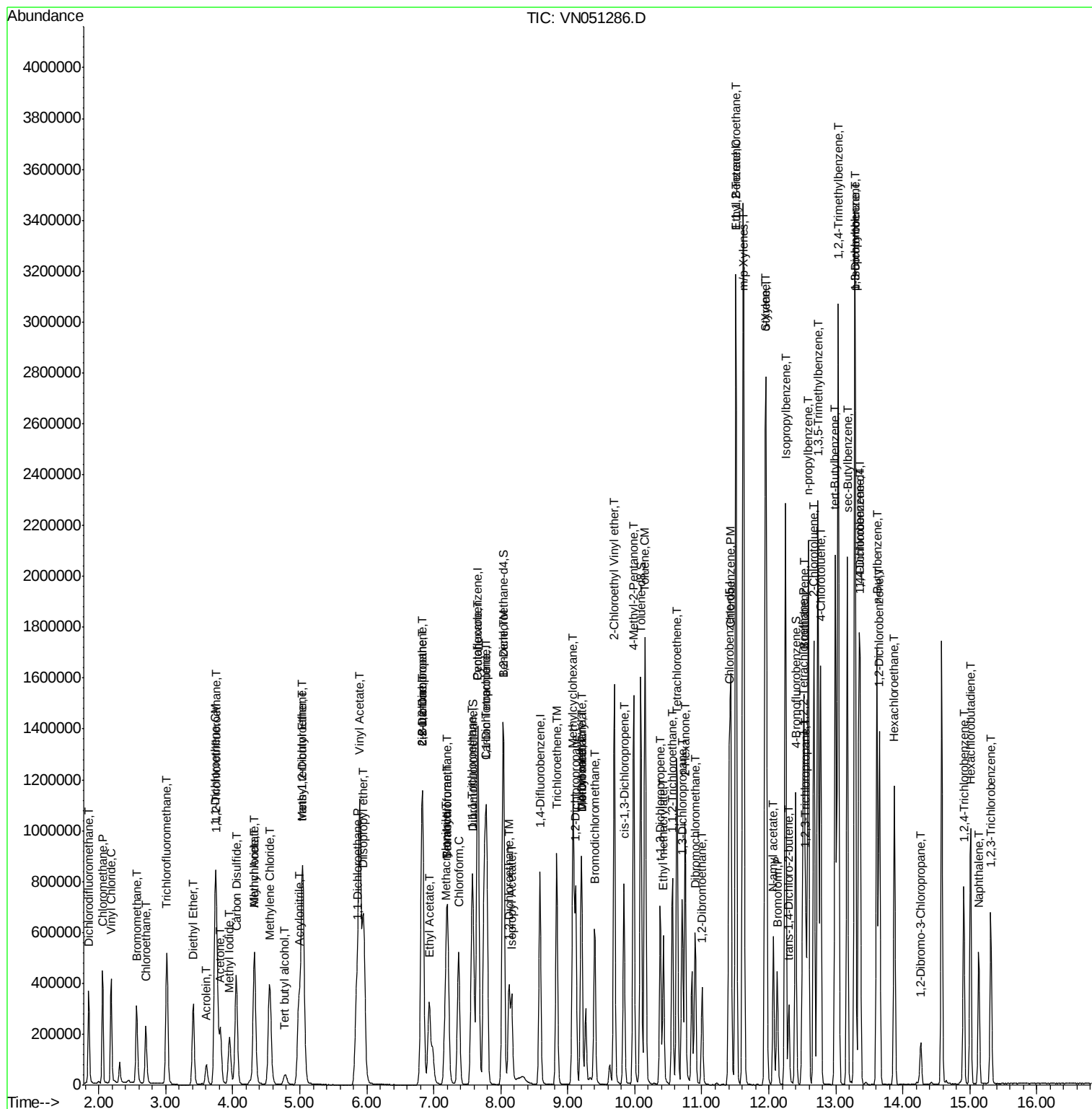
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091818\
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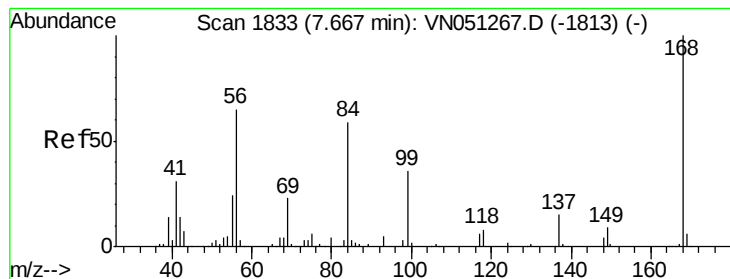
Instrument :
MSVOA_N
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 168 Resp: 599180

Ion Ratio Lower Upper

168 100

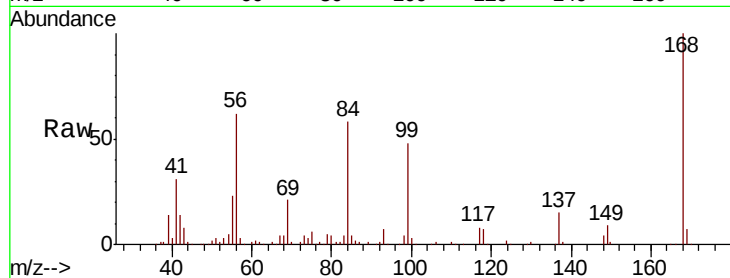
99 47.5 38.2 57.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

300000

250000

200000

150000

100000

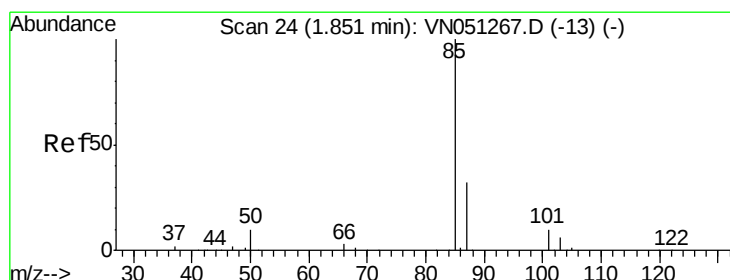
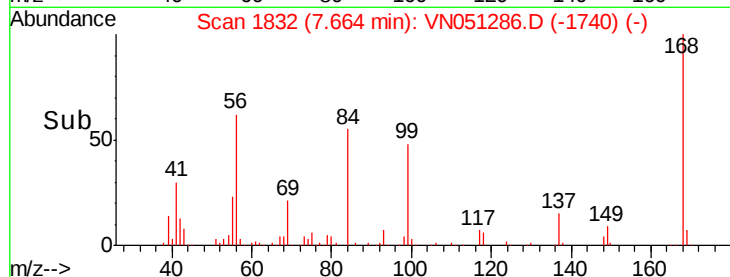
50000

0

7.66

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 49.771 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN051286.D

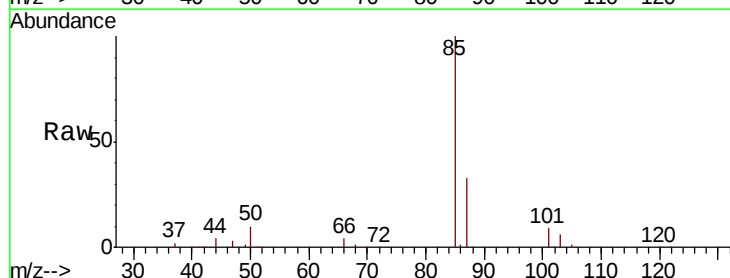
Acq: 18 Sep 2018 8:44

Tgt Ion: 85 Resp: 289214

Ion Ratio Lower Upper

85 100

87 32.9 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

200000

150000

100000

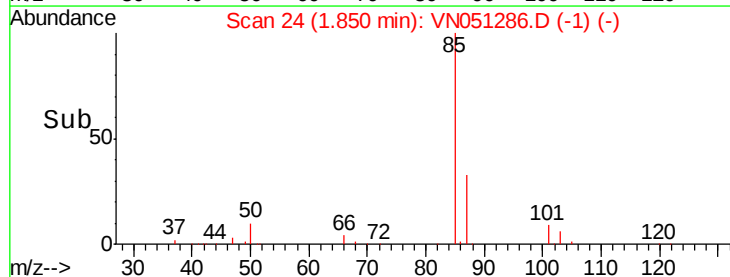
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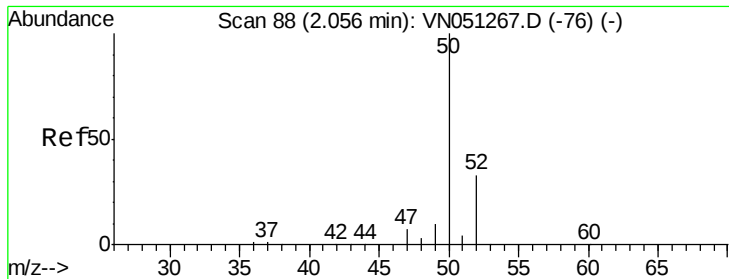
0

1.85

1.80 1.90 1.95

Time-->





#3

Chloromethane

Concen: 49.441 ug/l

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 369955

Ion Ratio Lower Upper

50 100

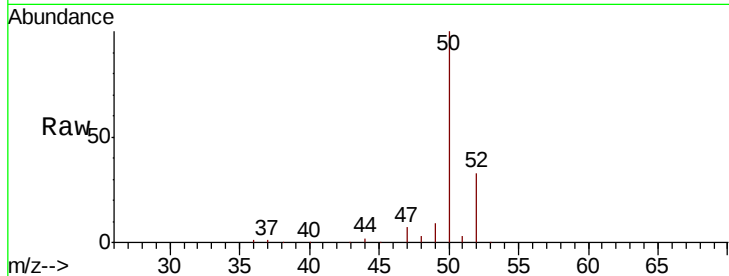
52 32.6 26.6 40.0

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VN051286.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN051286.D (-1) (-)

2.06

300000

250000

200000

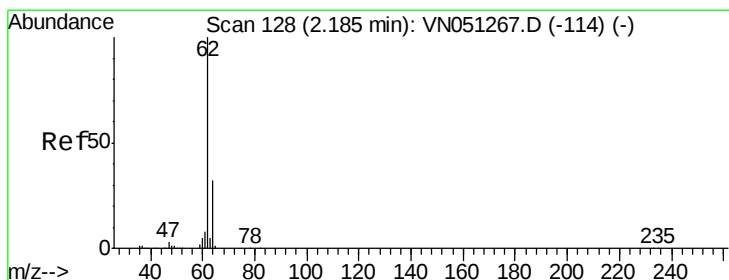
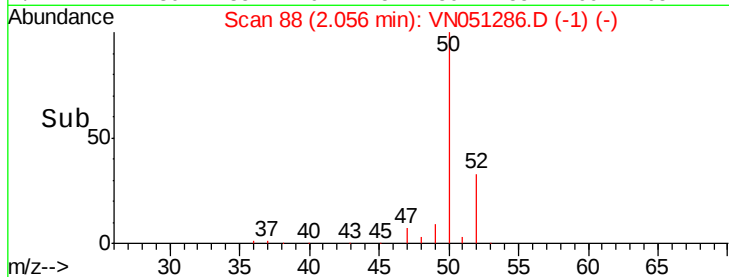
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 47.839 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN051286.D

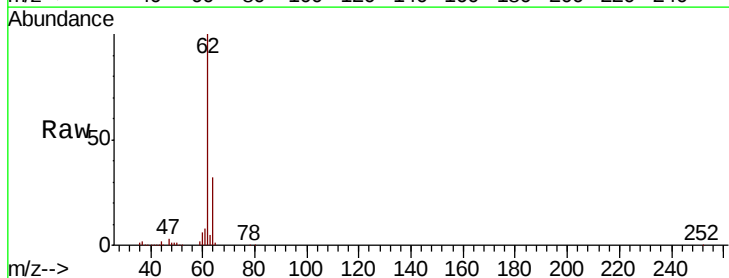
Acq: 18 Sep 2018 8:44

Tgt Ion: 62 Resp: 375280

Ion Ratio Lower Upper

62 100

64 31.9 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VN051286.D (-35) (-)

Ion 63.90 (63.60 to 64.60): VN051286.D (-35) (-)

2.18

300000

250000

200000

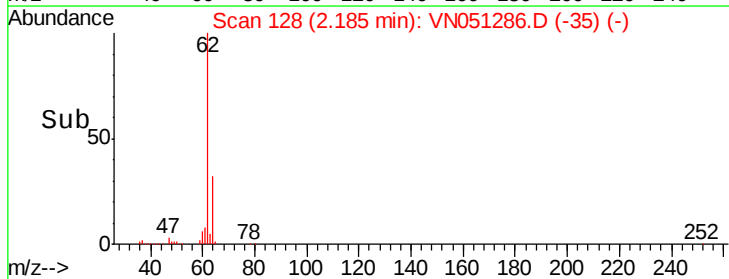
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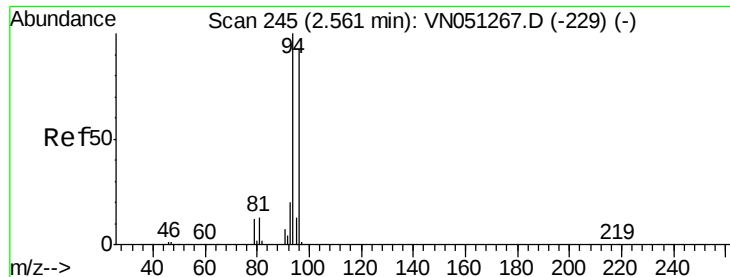
100000

50000

0

Time-->





#5

Bromomethane

Concen: 47.220 ug/l

RT: 2.56 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

Instrument :

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ClientSampleId :

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Tgt Ion: 94 Resp: 218735

Ion Ratio Lower Upper

94 100

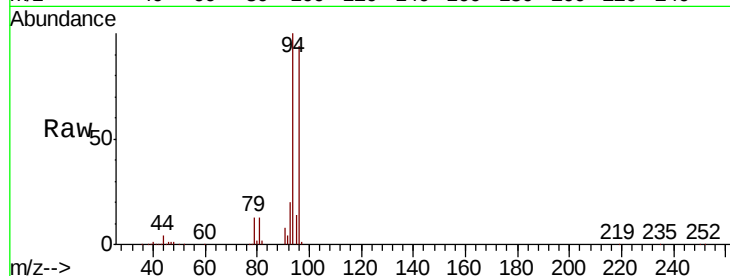
96 93.7 73.8 110.8

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN051286.D (-152) (-)

Ion 95.90 (95.60 to 96.60): VN051286.D (-152) (-)

2.56

120000

100000

80000

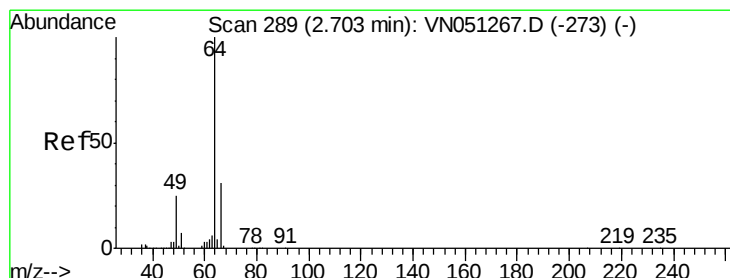
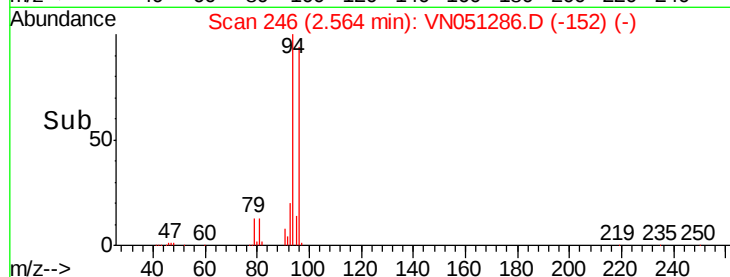
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 47.874 ug/l

RT: 2.70 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN051286.D

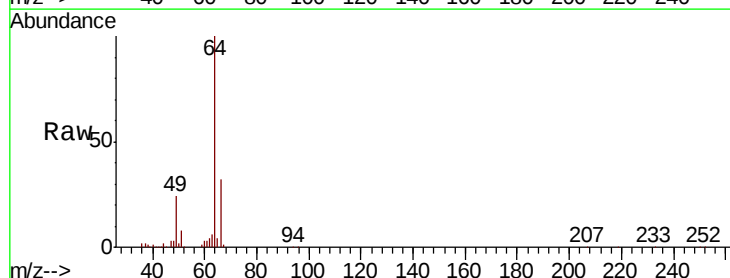
Acq: 18 Sep 2018 8:44

Tgt Ion: 64 Resp: 224050

Ion Ratio Lower Upper

64 100

66 32.5 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VN051286.D (-196) (-)

Ion 65.90 (65.60 to 66.60): VN051286.D (-196) (-)

2.70

120000

100000

80000

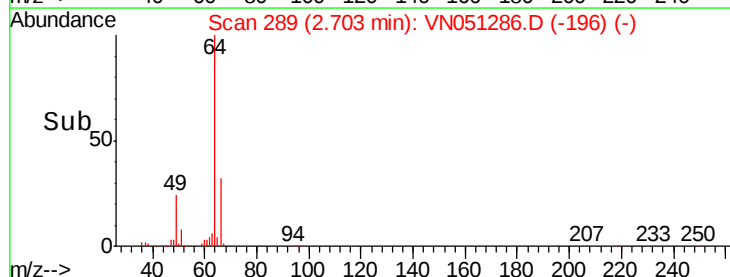
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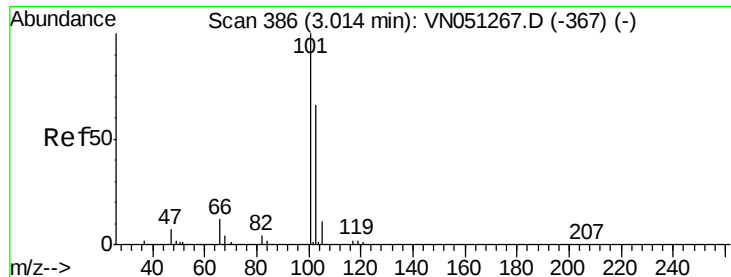
40000

20000

0

Time-->





#7

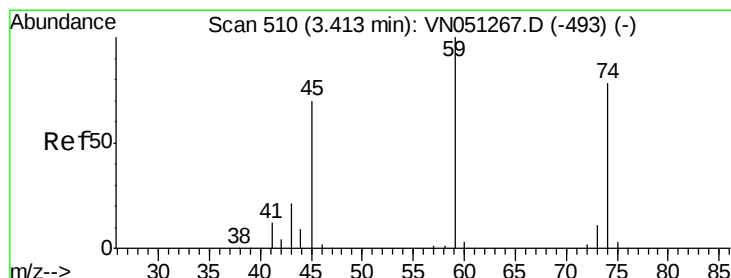
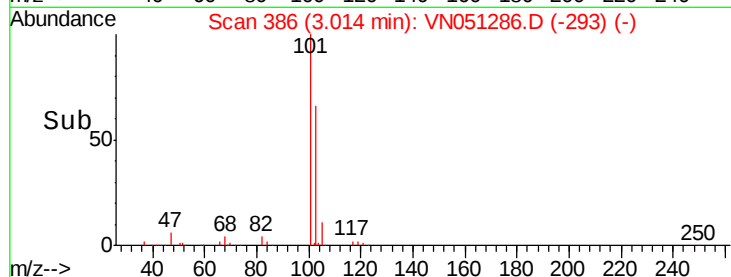
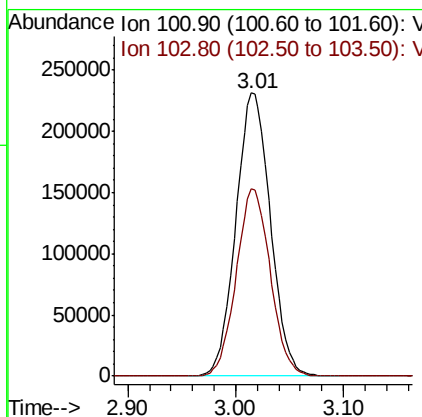
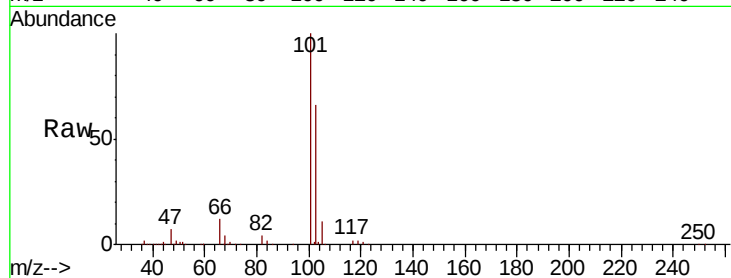
Trichlorofluoromethane
 Concen: 47.932 ug/l
 RT: 3.01 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: VN051286.D
 Acq: 18 Sep 2018 8:44

Instrument :
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 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
101	100		
103	66.2	52.7	79.1

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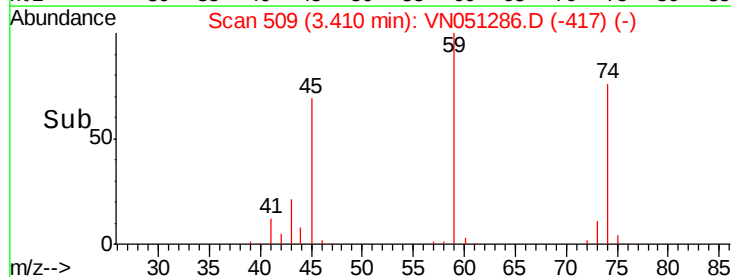
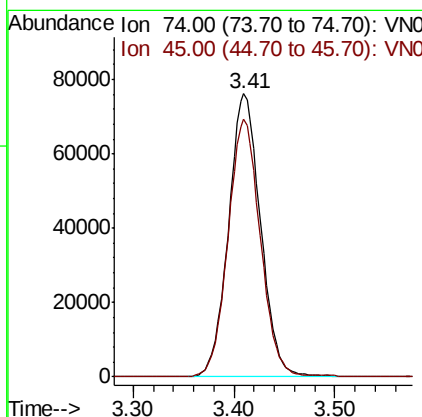
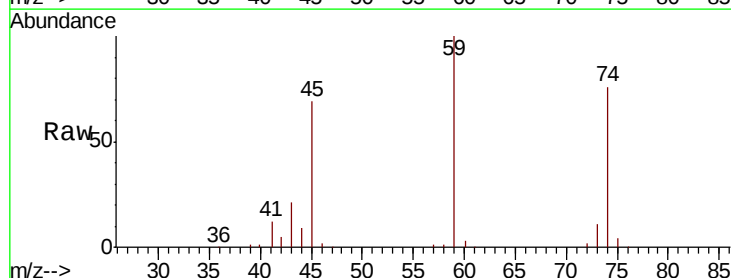
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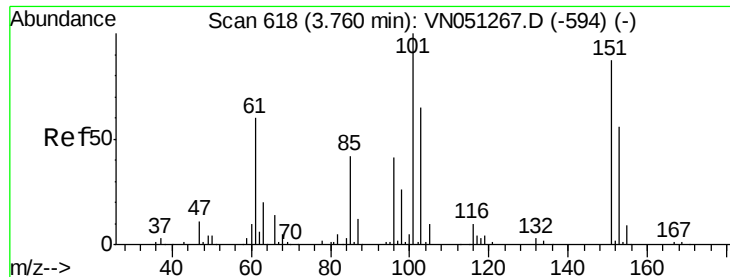


#8

Diethyl Ether
 Concen: 47.795 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN051286.D
 Acq: 18 Sep 2018 8:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.3	46.4	139.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.360 ug/l

RT: 3.76 min Scan# 618

Delta R.T. -0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

Instrument :

MSVOA_N

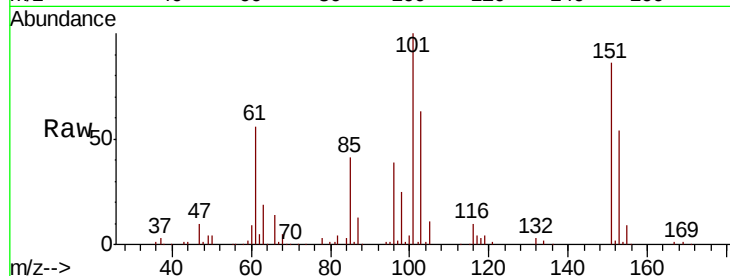
ClientSampleId :

VSTDCCC050

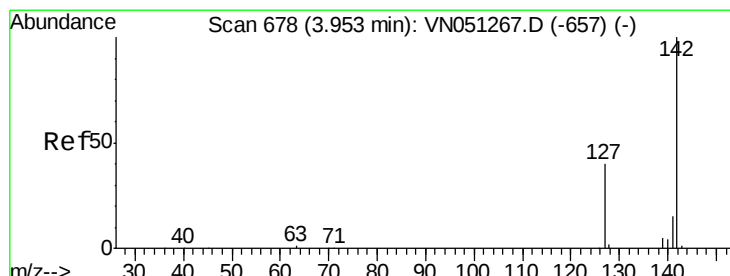
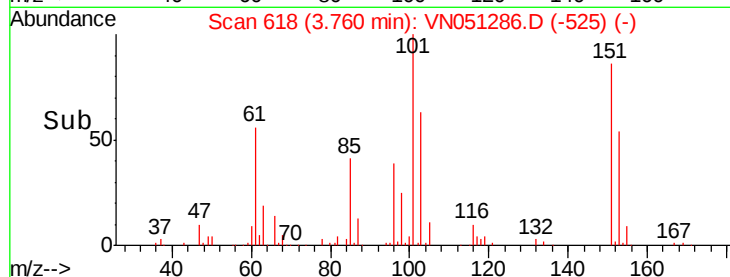
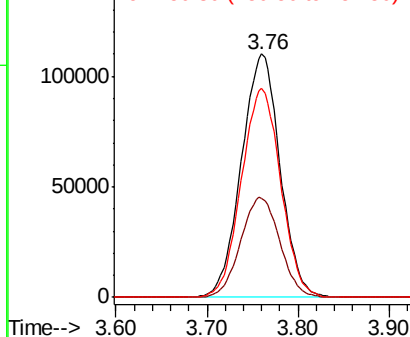
Tgt Ion:	101	Resp:	324862
Ion Ratio	Lower	Upper	
101	100		
85	41.7	33.0	49.6
151	87.2	69.8	104.8

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Abundance Ion 100.90 (100.60 to 101.60): V
150000 Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.351 ug/l

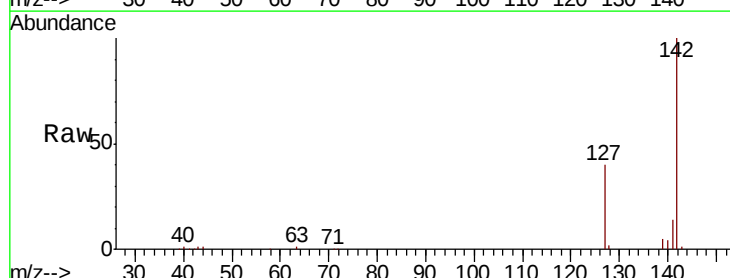
RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

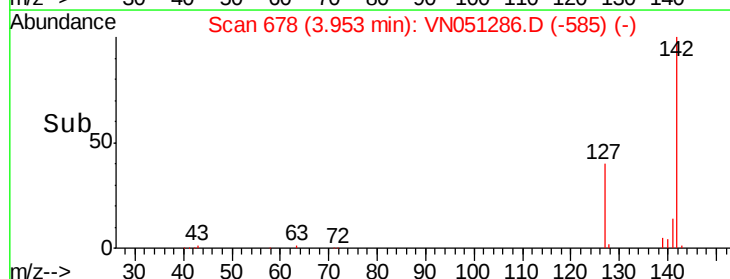
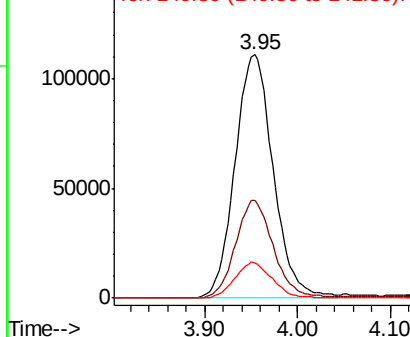
Lab File: VN051286.D

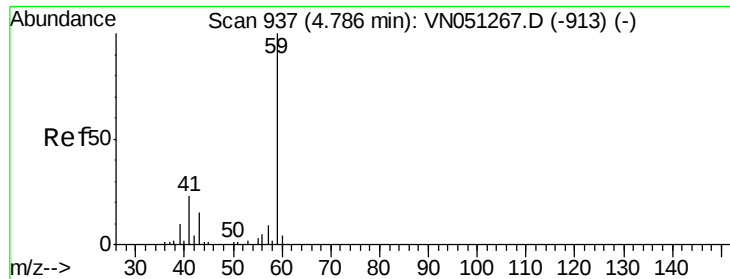
Acq: 18 Sep 2018 8:44

Tgt Ion:	142	Resp:	317850
Ion Ratio	Lower	Upper	
142	100		
127	39.9	31.7	47.5
141	14.4	11.6	17.4



Abundance Ion 141.80 (141.50 to 142.50): V
150000 Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





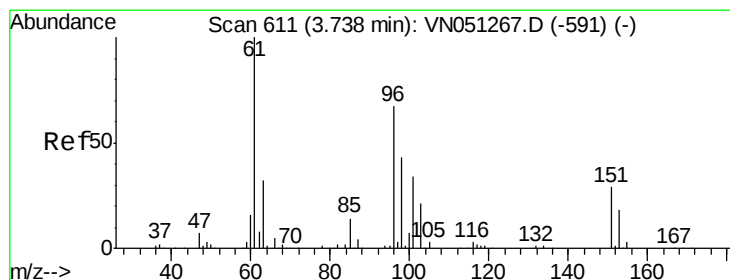
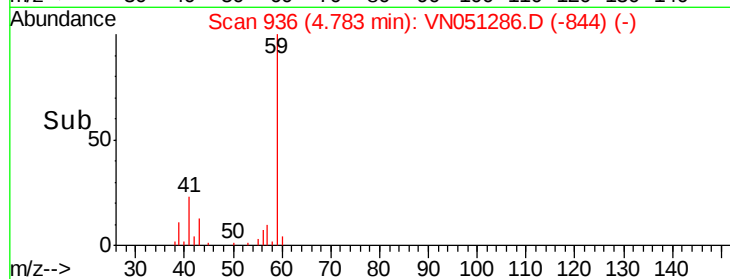
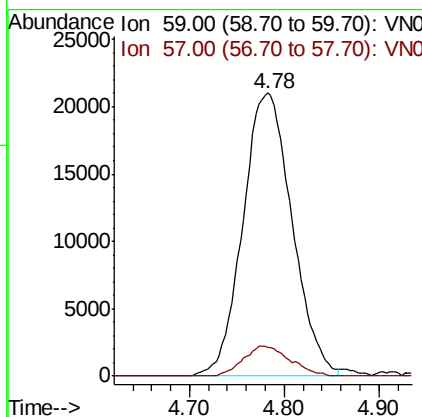
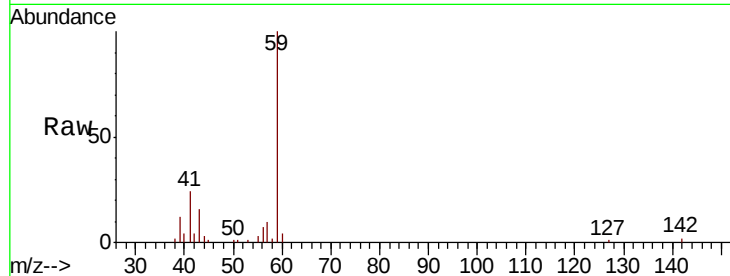
#11
Tert butyl alcohol
Concen: 211.562 ug/l
RT: 4.78 min Scan# 936
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 75864
Ion Ratio Lower Upper
59 100
57 10.1 7.9 11.9

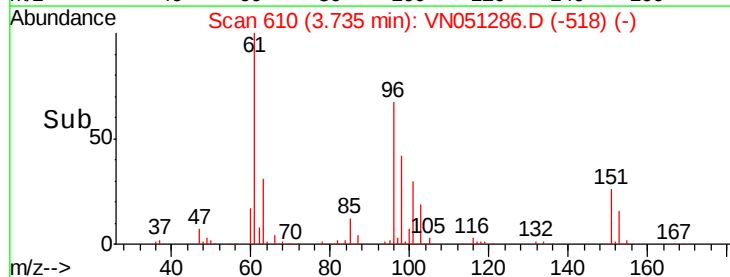
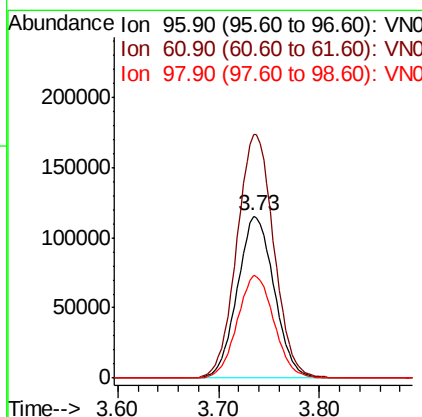
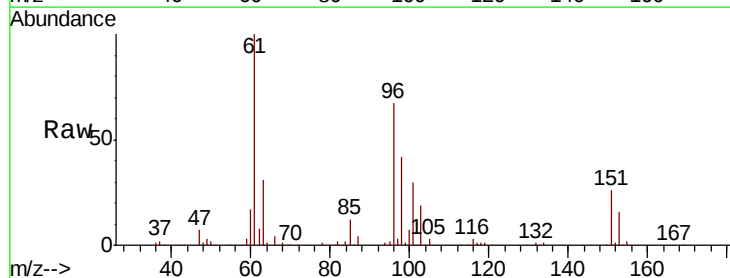
Manual Integrations
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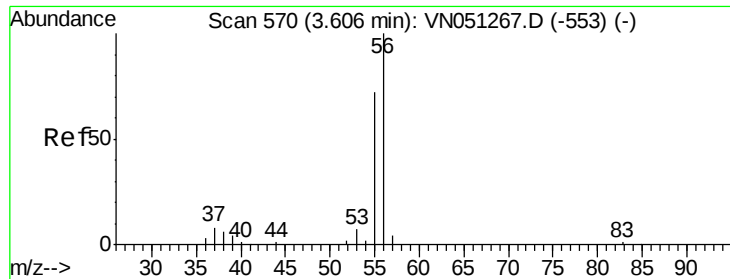
MMDadoda
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#12
1,1-Dichloroethene
Concen: 47.961 ug/l
RT: 3.73 min Scan# 610
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Tgt Ion: 96 Resp: 290994
Ion Ratio Lower Upper
96 100
61 150.2 119.3 178.9
98 63.3 51.8 77.6





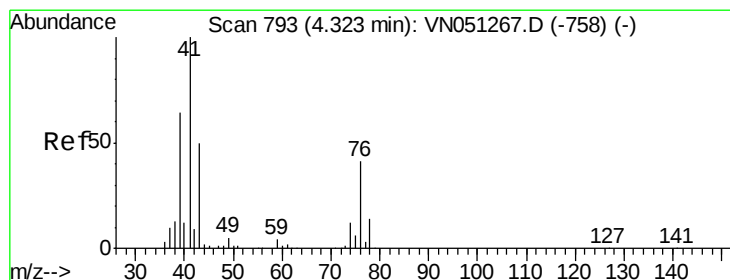
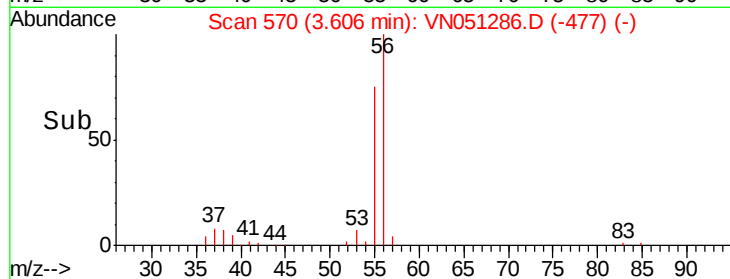
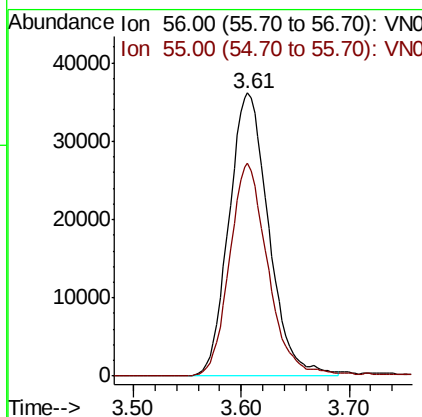
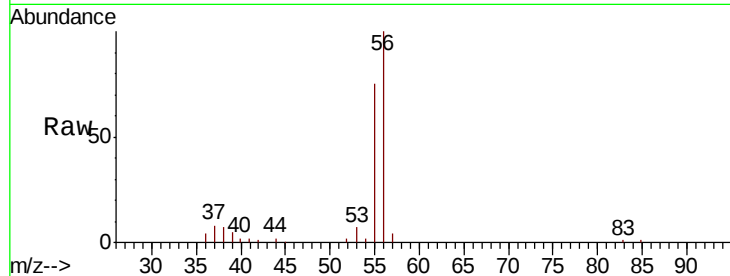
#13
Acrolein
Concen: 173.574 ug/l
RT: 3.61 min Scan# 570
Delta R.T. 0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
55	72.7	56.4	84.6

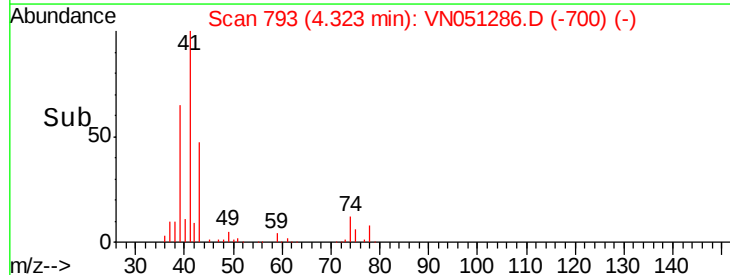
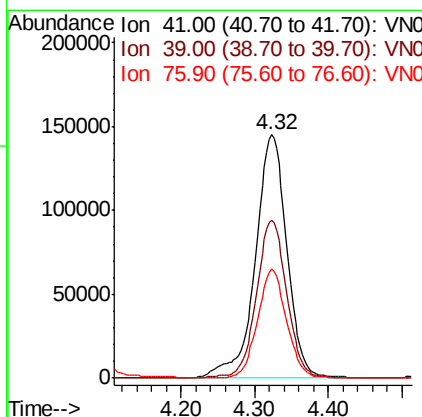
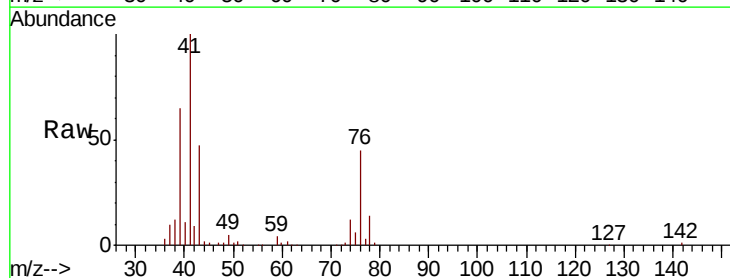
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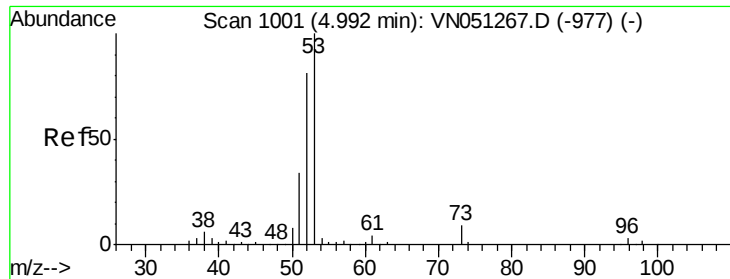
MMDadoda
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#14
Allyl chloride
Concen: 48.301 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Tgt Ion	Ratio	Lower	Upper
41	100		
39	62.7	49.0	73.4
76	40.7	31.4	47.0





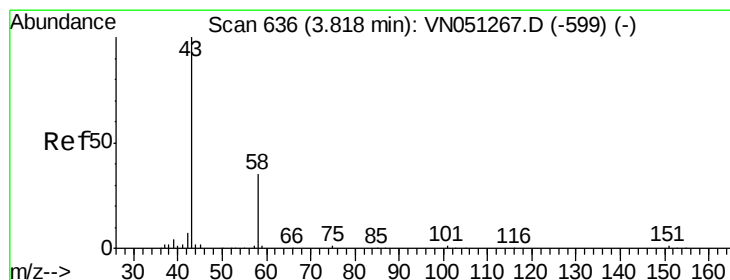
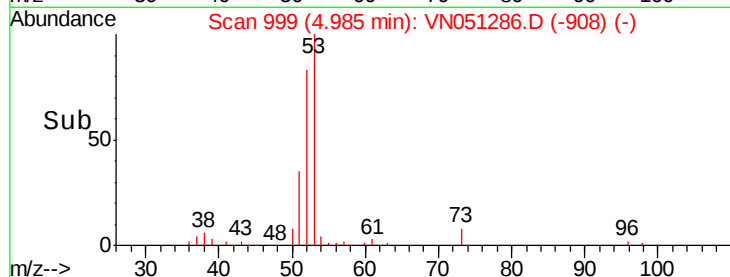
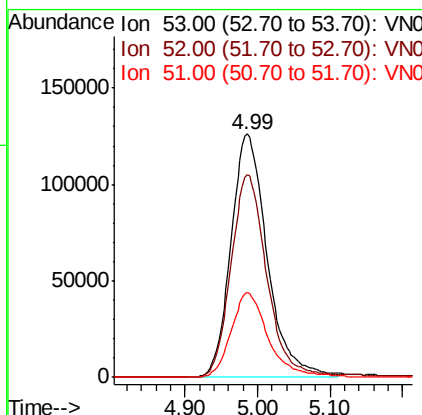
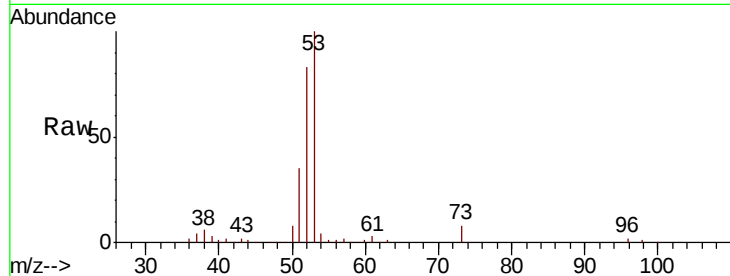
#15
 Acrylonitrile
 Concen: 234.550 ug/l
 RT: 4.99 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: VN051286.D
 Acq: 18 Sep 2018 8:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.0	65.0	97.6
51	35.7	28.0	42.0

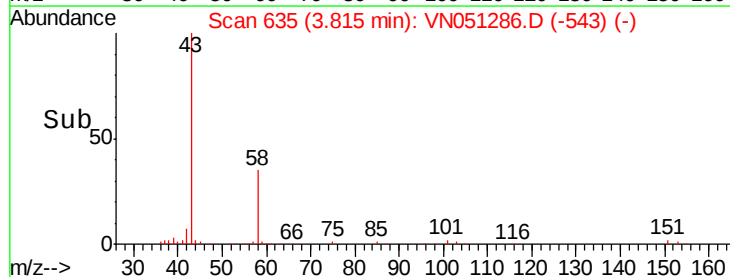
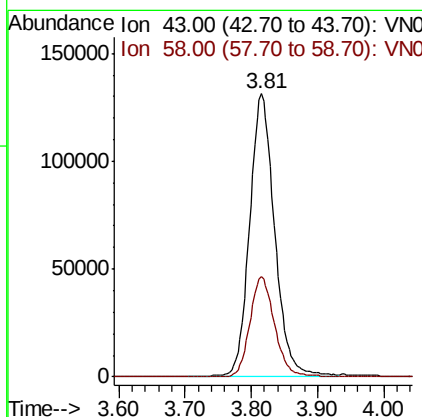
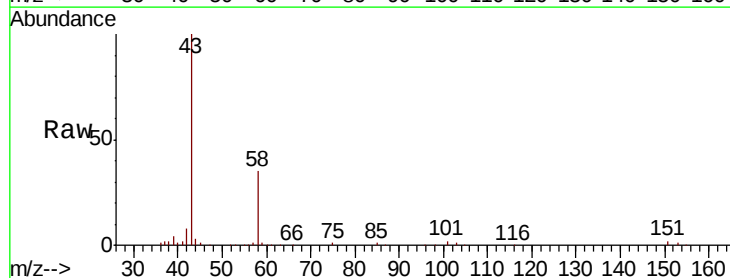
Manual Integrations
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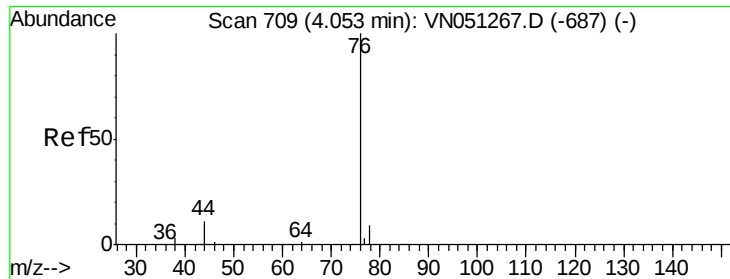
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#16
 Acetone
 Concen: 243.320 ug/l
 RT: 3.81 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: VN051286.D
 Acq: 18 Sep 2018 8:44

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.1	28.2	42.2





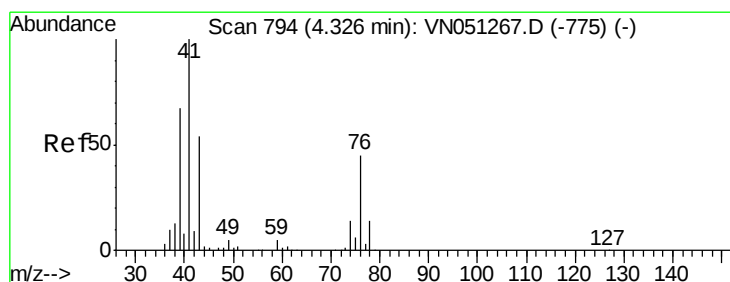
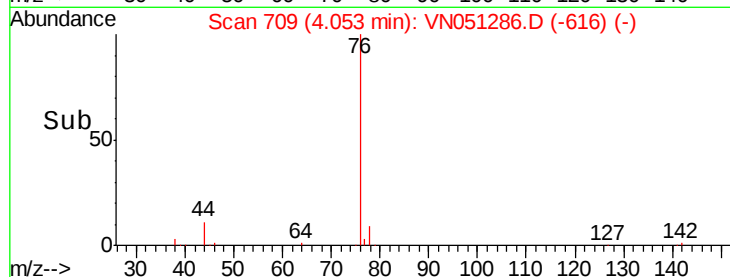
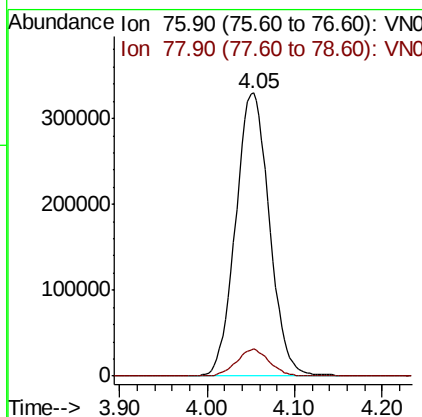
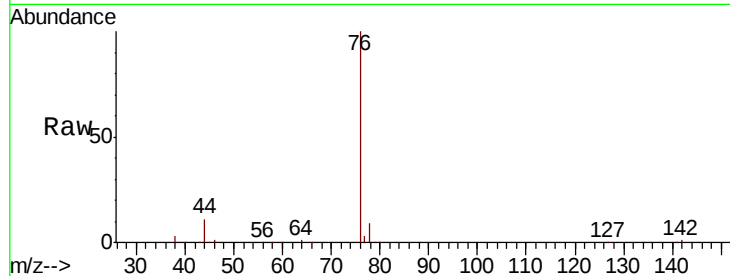
#17
Carbon Disulfide
Concen: 47.404 ug/l
RT: 4.05 min Scan# 709
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 883776
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

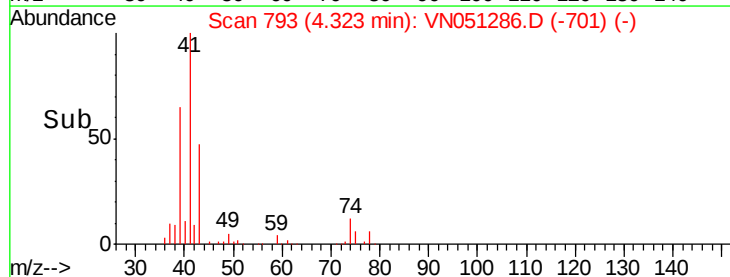
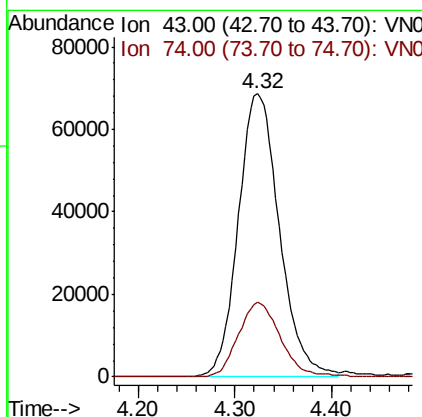
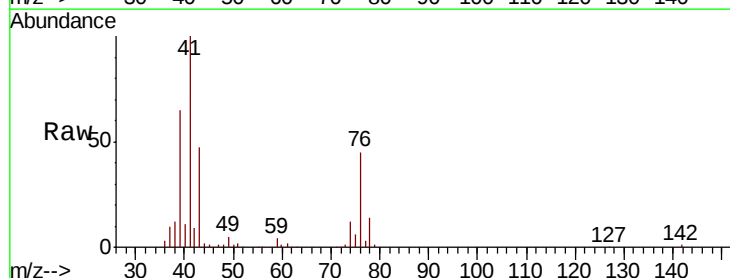
Manual Integrations
APPROVED

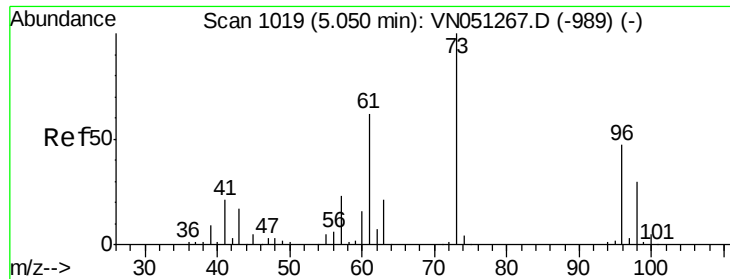
MMDadoda
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#18
Methyl Acetate
Concen: 45.390 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Tgt Ion: 43 Resp: 201183
Ion Ratio Lower Upper
43 100
74 26.7 20.8 31.2





#19

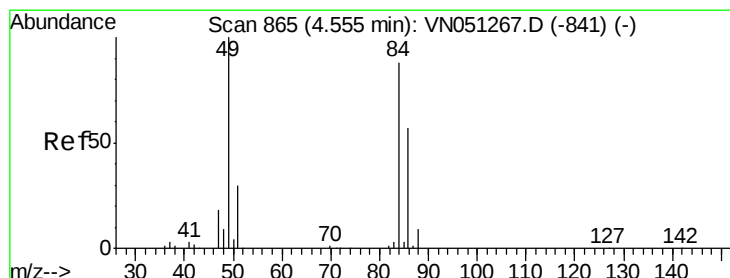
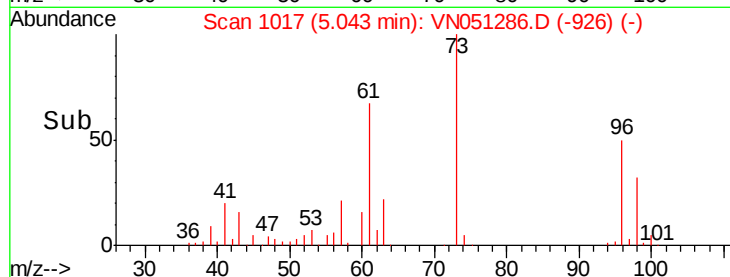
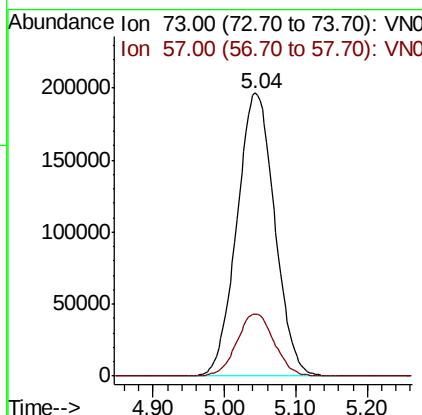
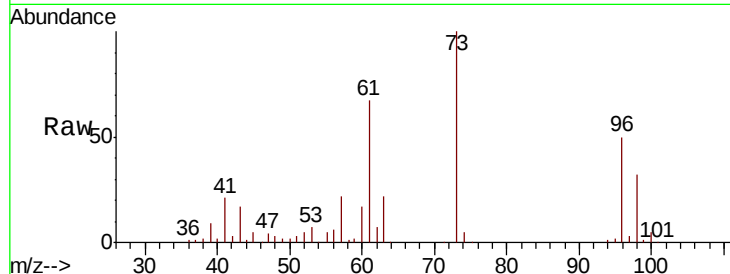
Methyl tert-butyl Ether
 Concen: 49.770 ug/l
 RT: 5.04 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: VN051286.D
 Acq: 18 Sep 2018 8:44

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
73	100		
57	21.8	18.1	27.1

Manual Integrations
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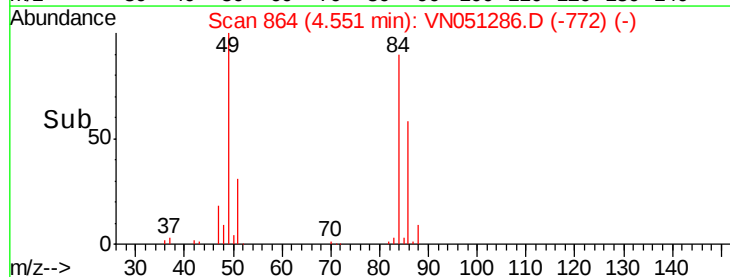
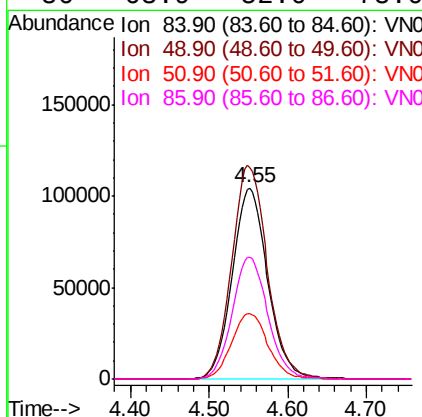
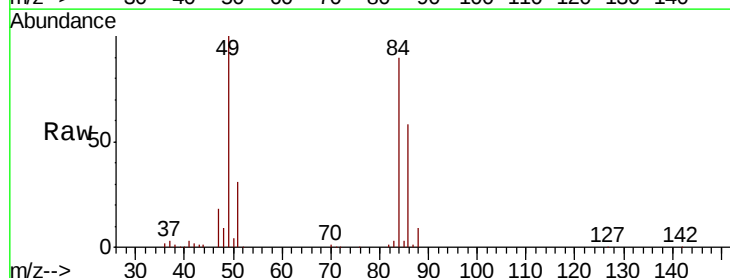
MMDadoda
 9/19/2018 2:57:05 PM

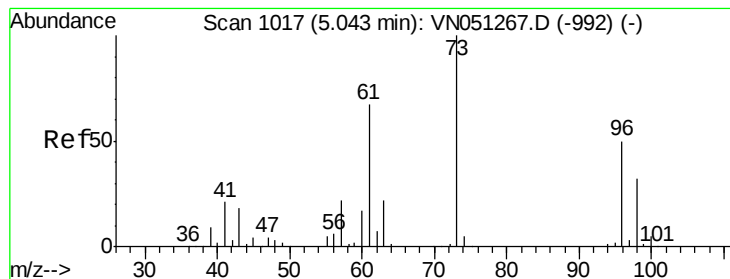


#20

Methylene Chloride
 Concen: 46.095 ug/l
 RT: 4.55 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VN051286.D
 Acq: 18 Sep 2018 8:44

Tgt Ion	Ratio	Lower	Upper
84	100		
49	110.5	91.2	136.8
51	34.4	27.7	41.5
86	63.9	52.0	78.0





#21

trans-1,2-Dichloroethene

Concen: 47.239 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 314197
Ion Ratio Lower Upper

96 100

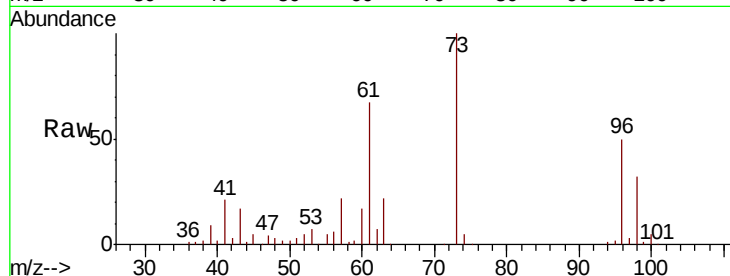
61 133.8 106.7 160.1

98 64.9 51.4 77.0

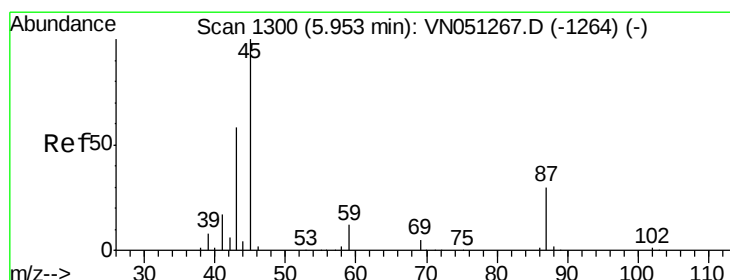
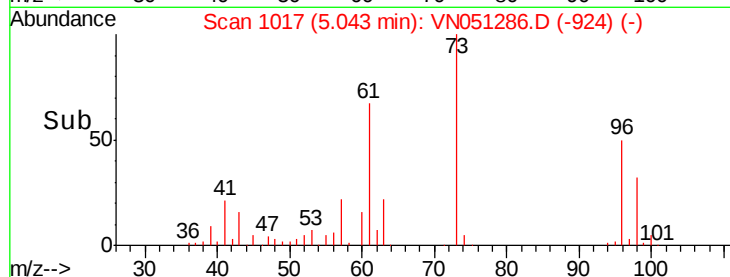
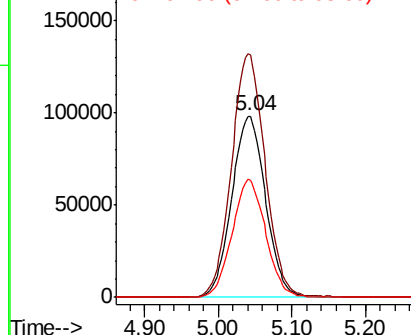
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Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 51.243 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. -0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

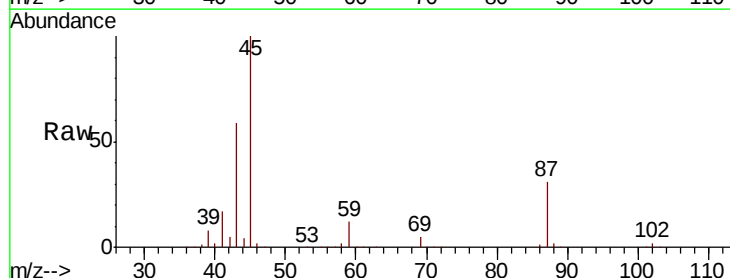
Tgt Ion: 45 Resp: 888970
Ion Ratio Lower Upper

45 100

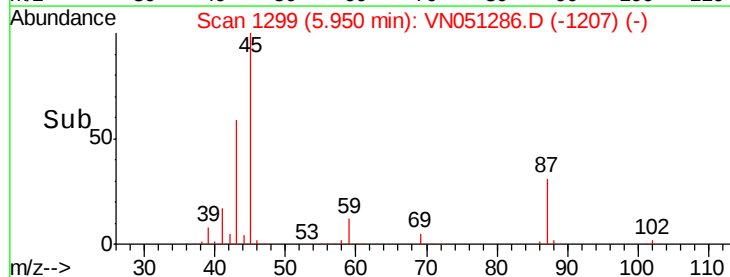
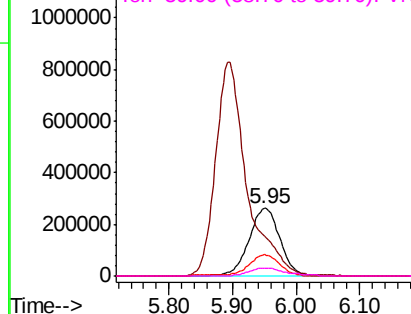
43 58.2 46.7 70.1

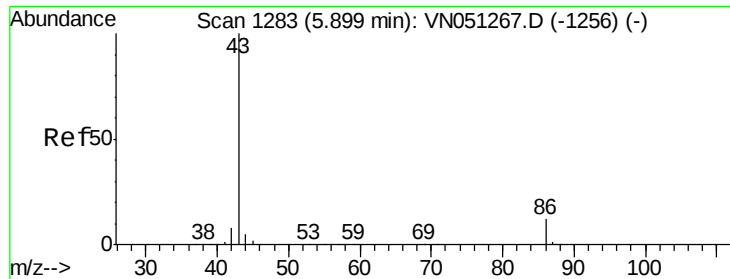
87 31.2 24.6 36.8

59 11.8 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





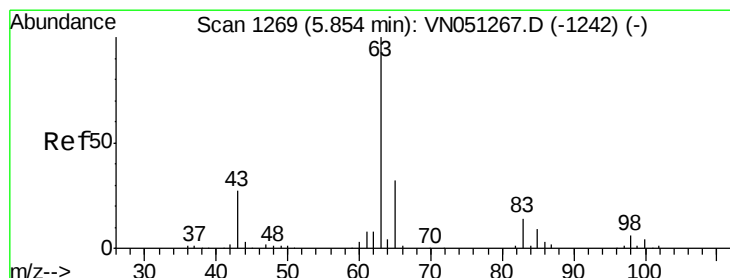
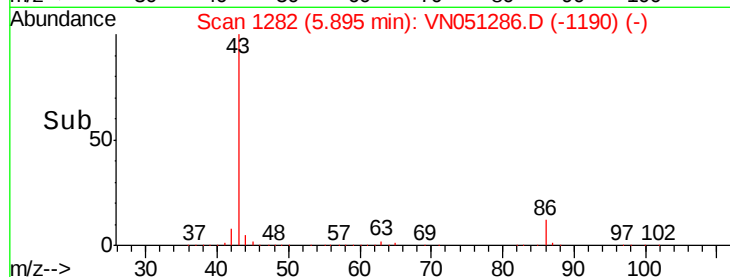
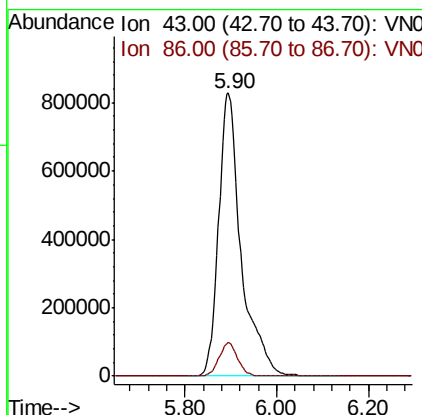
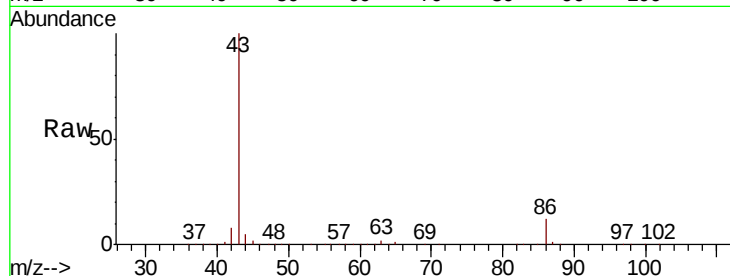
#23
 Vinyl Acetate
 Concen: 252.791 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: VN051286.D
 Acq: 18 Sep 2018 8:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 2841506
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.3 13.9

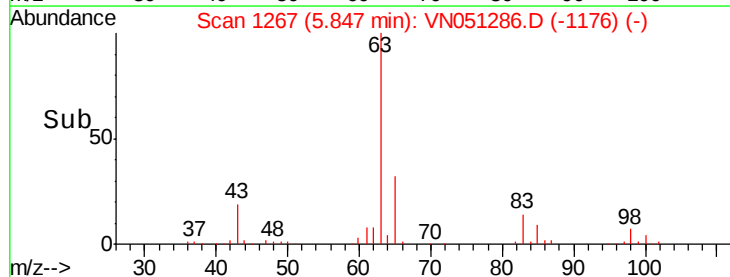
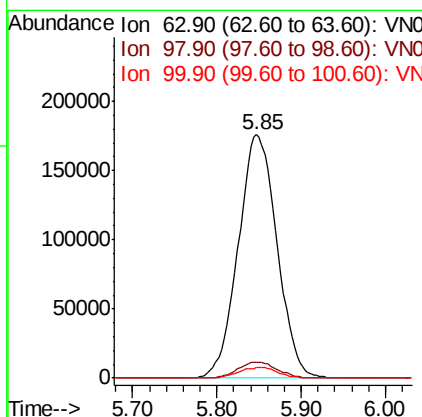
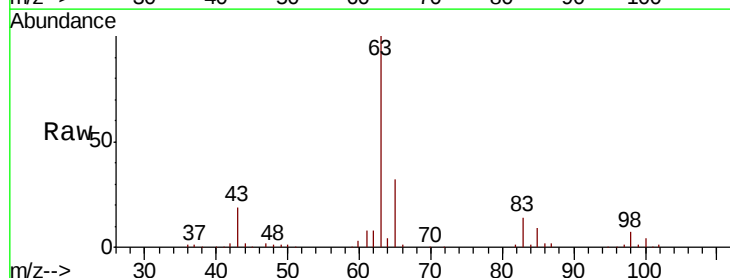
Manual Integrations
 APPROVED

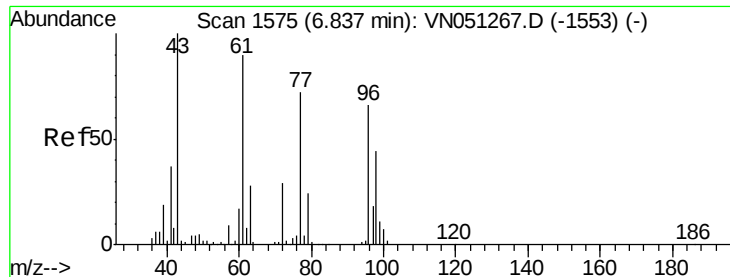
MMDadoda
 9/19/2018 2:57:05 PM



#24
 1,1-Dichloroethane
 Concen: 48.475 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: VN051286.D
 Acq: 18 Sep 2018 8:44

Tgt Ion: 63 Resp: 562227
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.8
 100 4.1 2.3 6.8





#25

2-Butanone

Concen: 224.863 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tgt Ion: 43 Resp: 469064

Ion Ratio Lower Upper

43 100

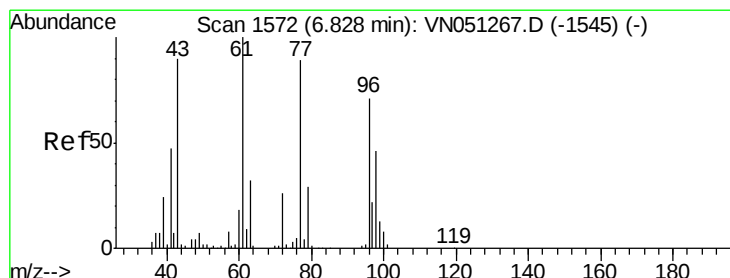
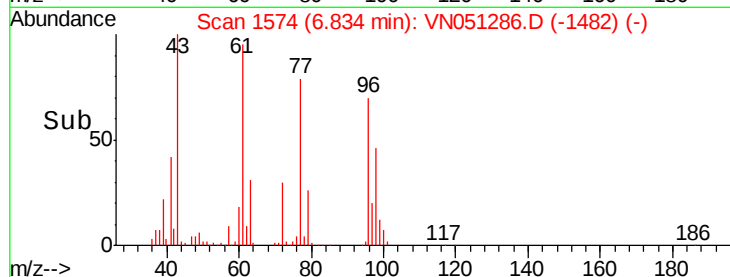
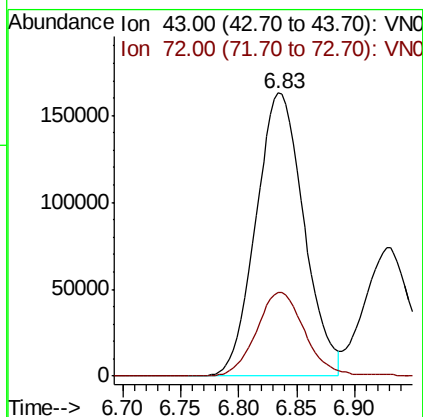
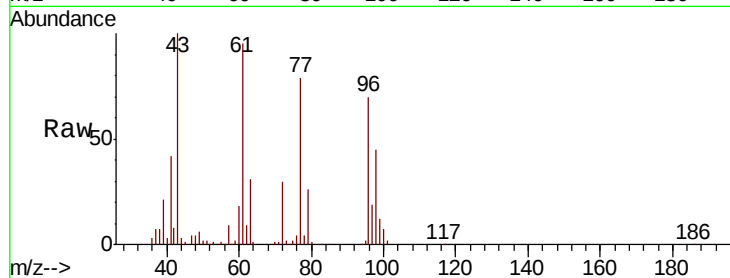
72 29.7 23.4 35.0

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#26

2,2-Dichloropropane

Concen: 48.487 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN051286.D

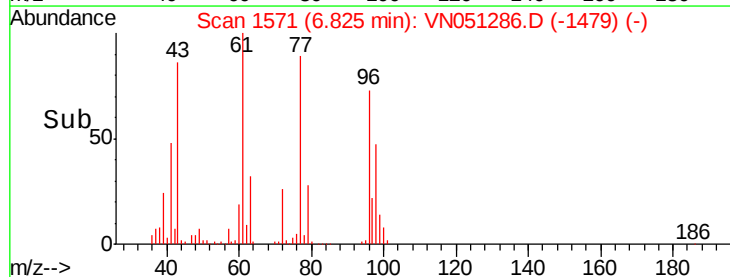
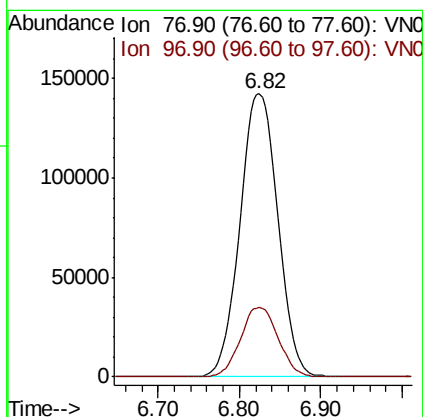
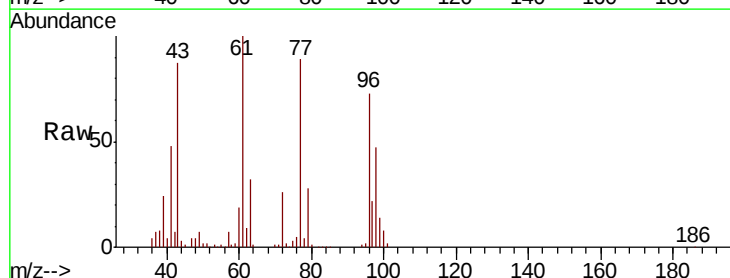
Acq: 18 Sep 2018 8:44

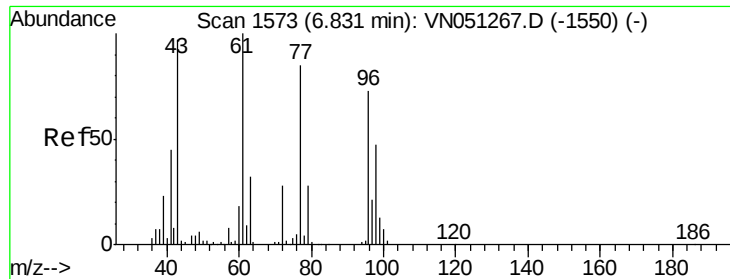
Tgt Ion: 77 Resp: 457352

Ion Ratio Lower Upper

77 100

97 24.4 12.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 48.899 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

Instrument :

MSVOA_N

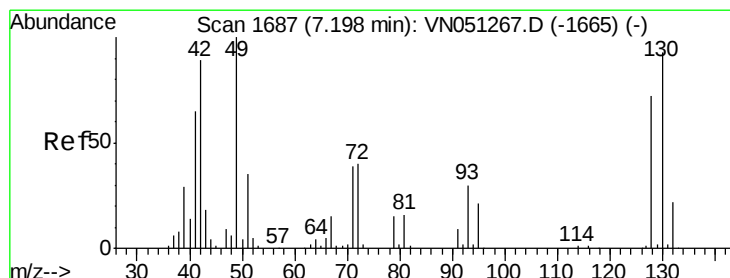
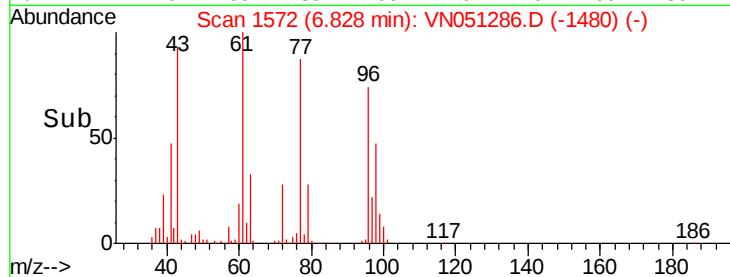
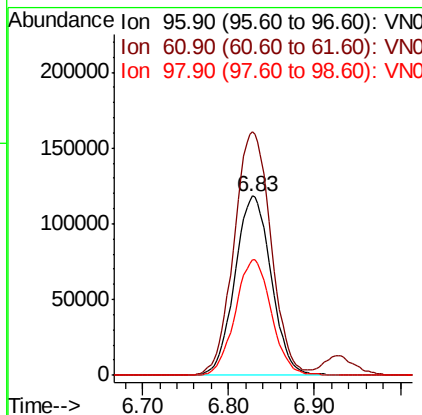
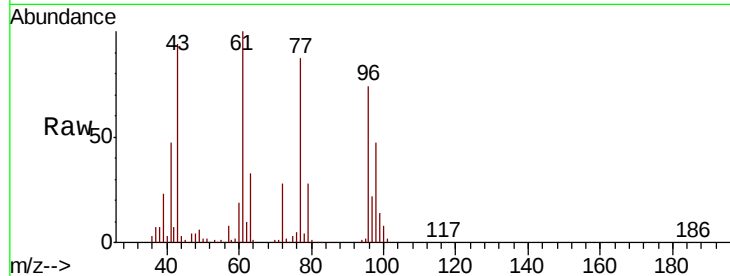
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	347442
Ion Ratio	Lower	Upper	
96	100		
61	137.7	0.0	276.2
98	64.3	0.0	129.2

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#28

Bromochloromethane

Concen: 48.644 ug/l

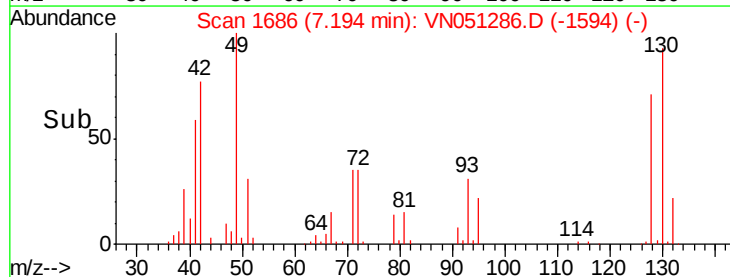
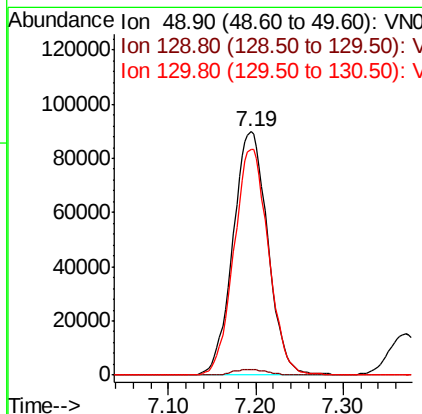
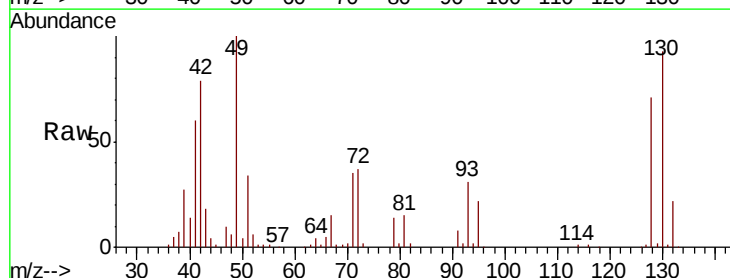
RT: 7.19 min Scan# 1686

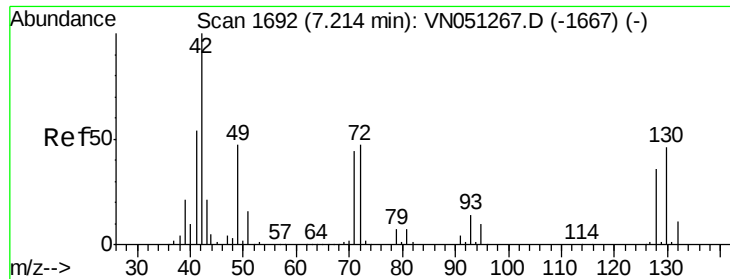
Delta R.T. -0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

Tgt Ion:	49	Resp:	248464
Ion Ratio	Lower	Upper	
49	100		
129	2.2	0.0	4.6
130	91.9	73.7	110.5





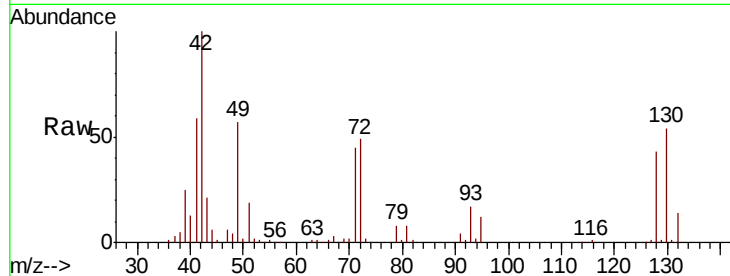
#29
Tetrahydrofuran
Concen: 233.070 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

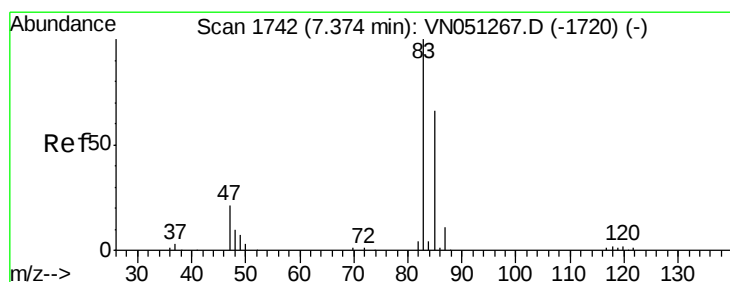
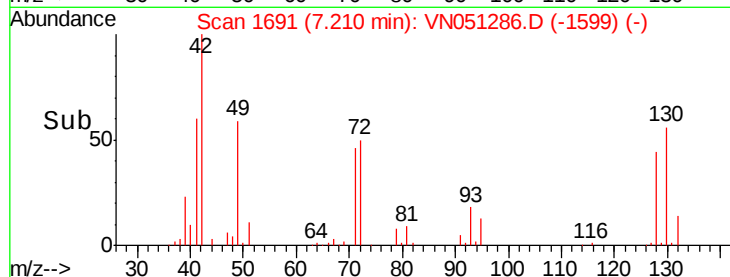
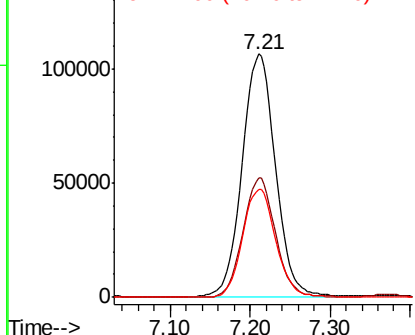
Tgt Ion	Ratio	Lower	Upper
42	100		
72	48.0	37.6	56.4
71	44.3	35.4	53.2

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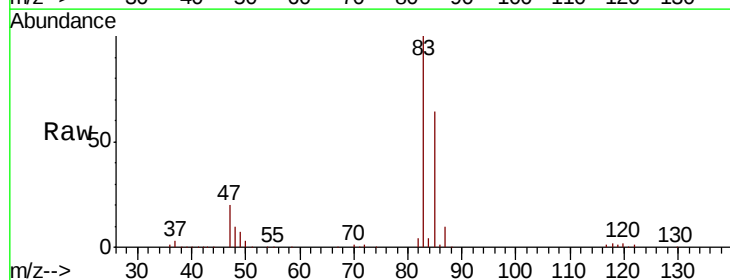


Abundance Ion 42.00 (41.70 to 42.70): VN051286.D (-1599) (-)
Ion 72.00 (71.70 to 72.70): VN051286.D (-1599) (-)
Ion 71.00 (70.70 to 71.70): VN051286.D (-1599) (-)

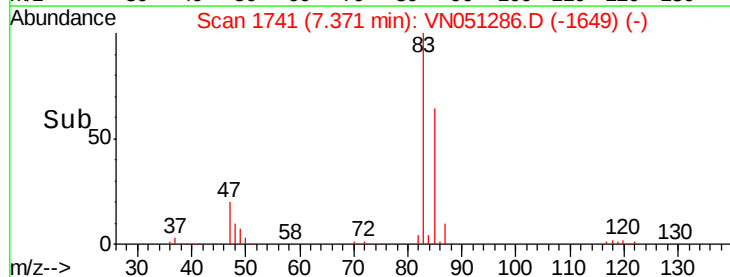
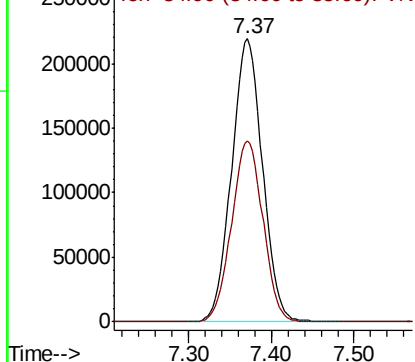


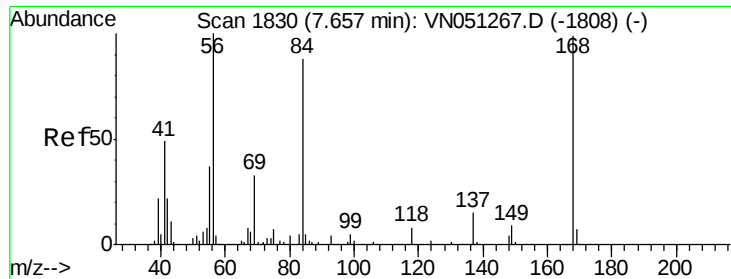
#30
Chloroform
Concen: 48.058 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	52.4	78.6



Abundance Ion 82.90 (82.60 to 83.60): VN051286.D (-1649) (-)
Ion 84.90 (84.60 to 85.60): VN051286.D (-1649) (-)





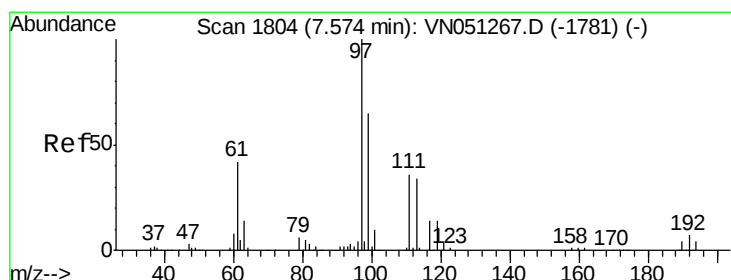
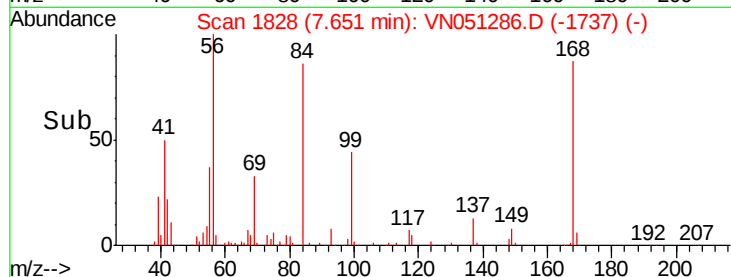
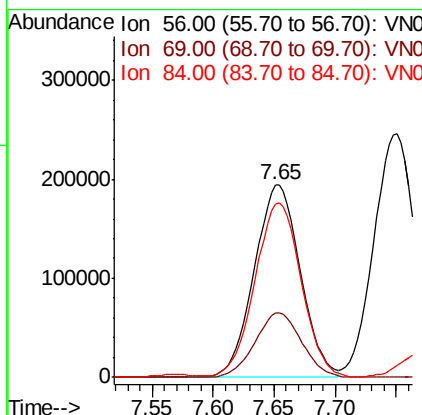
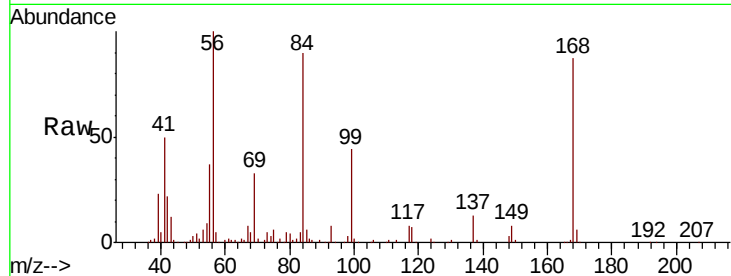
#31
Cyclohexane
Concen: 48.538 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.01 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	33.3	26.2	39.2
84	89.0	70.6	106.0

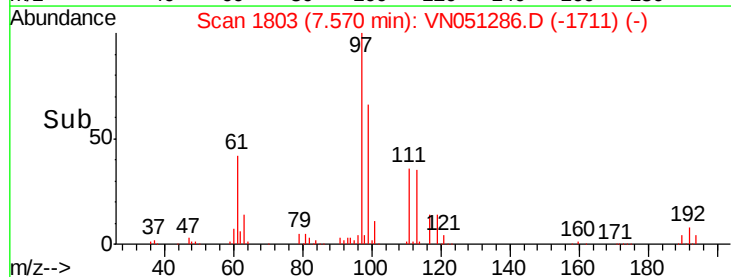
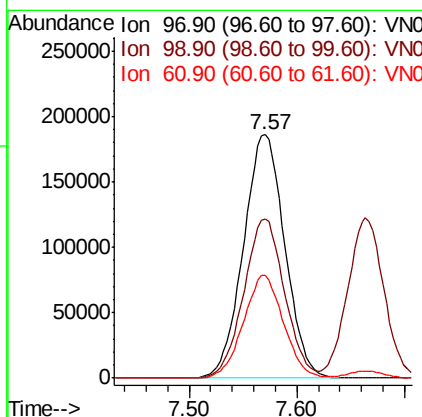
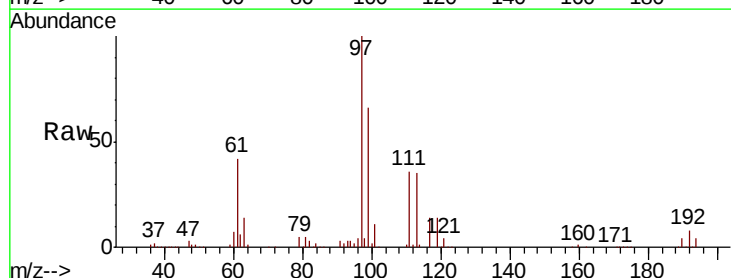
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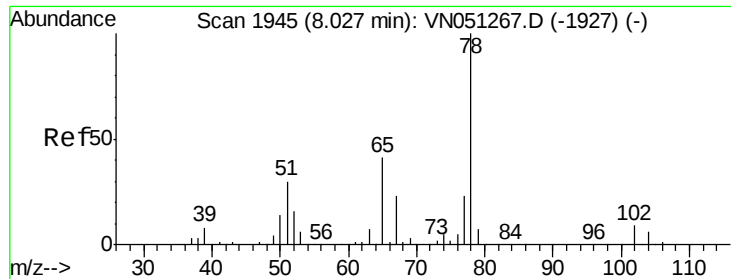
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#32
1,1,1-Trichloroethane
Concen: 48.691 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.6	77.4
61	40.9	33.4	50.2





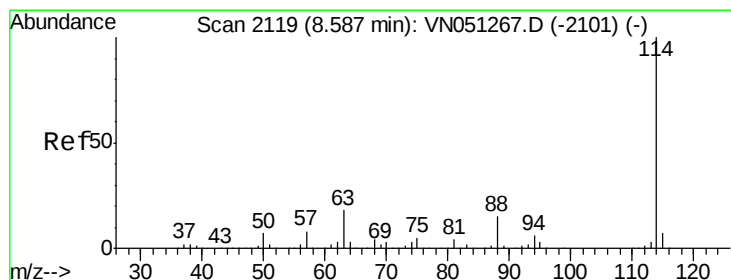
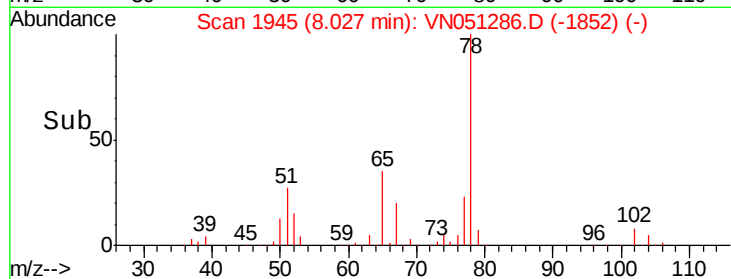
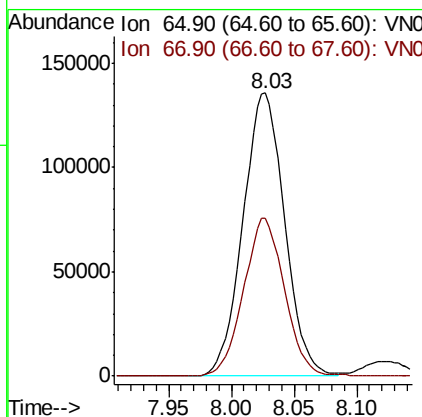
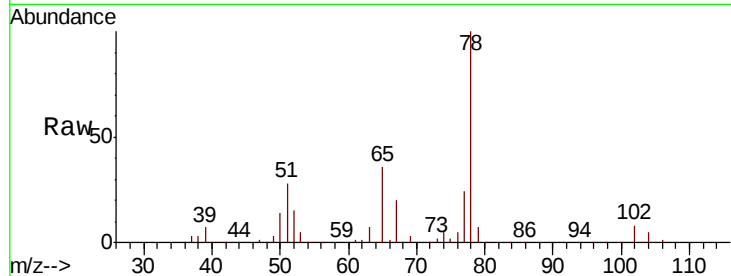
#33
 1,2-Dichloroethane-d4
 Concen: 48.212 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN051286.D
 Acq: 18 Sep 2018 8:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	313952		
67	54.9	0.0	111.0	

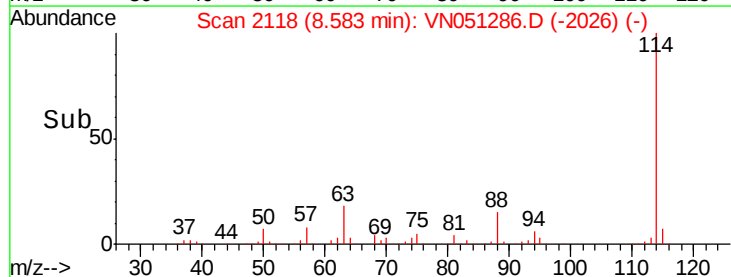
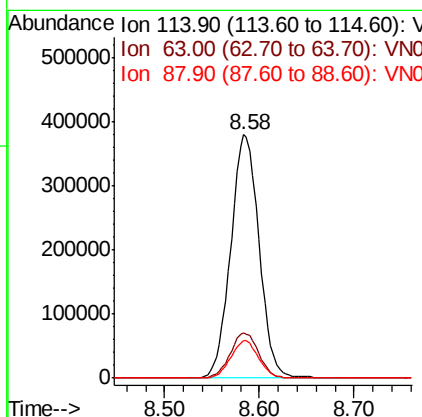
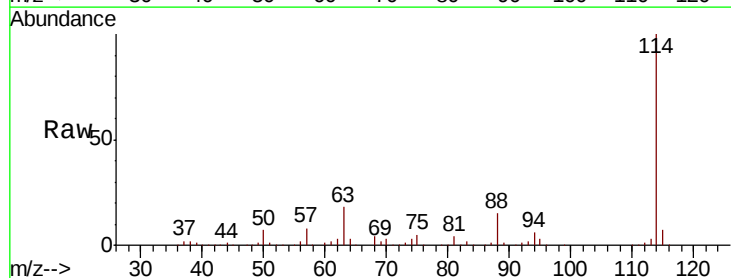
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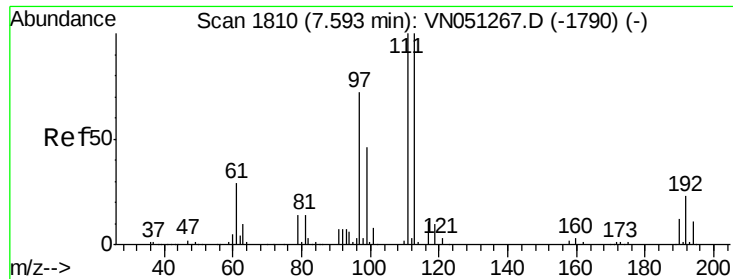
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN051286.D
 Acq: 18 Sep 2018 8:44

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	792676		
63	18.5	0.0	36.8	
88	15.2	0.0	30.8	





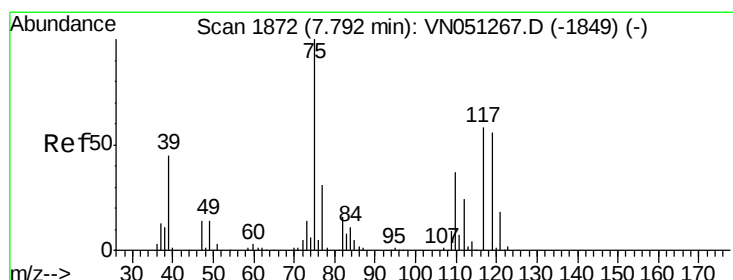
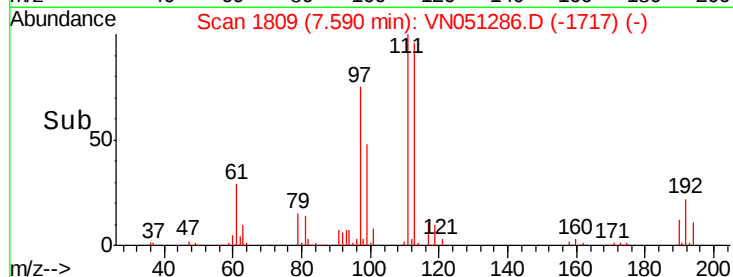
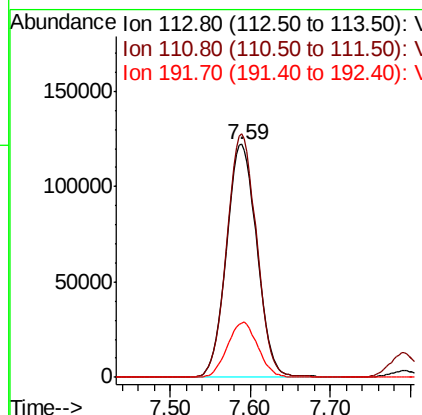
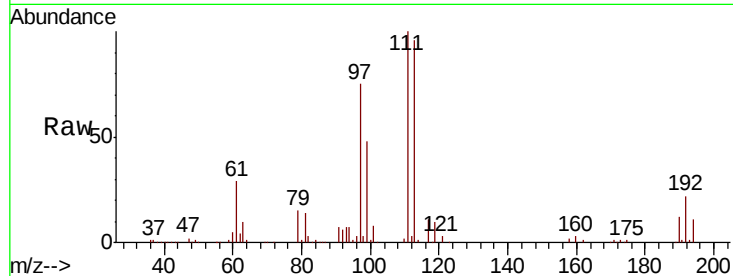
#35
 Dibromofluoromethane
 Concen: 51.487 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051286.D
 Acq: 18 Sep 2018 8:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	317146		
111	102.4	82.2	123.4	
192	23.6	19.0	28.6	

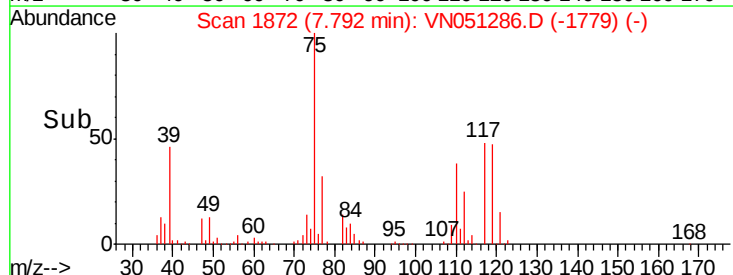
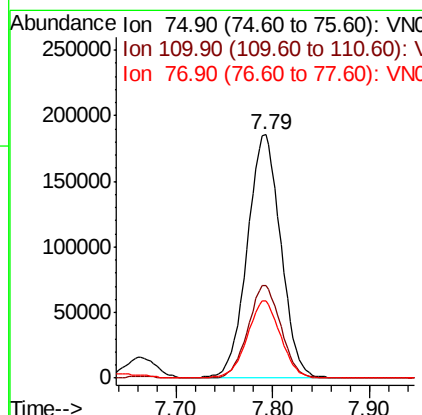
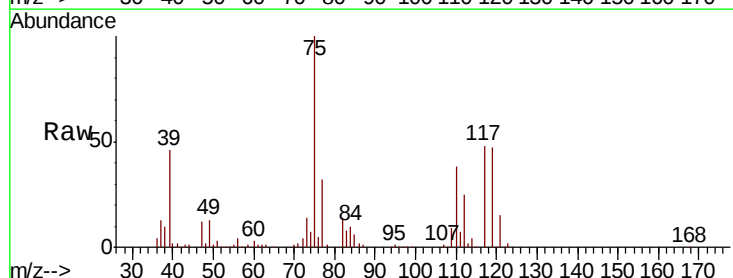
Manual Integrations
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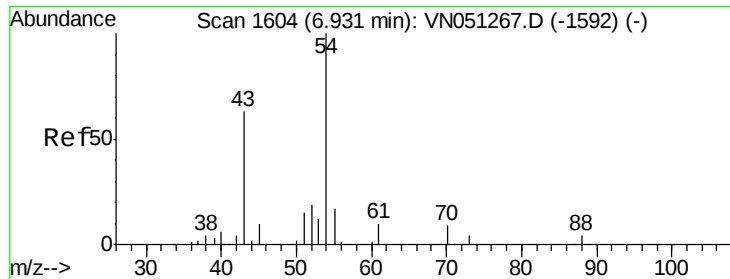
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#36
 1,1-Dichloropropene
 Concen: 51.744 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN051286.D
 Acq: 18 Sep 2018 8:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	443986		
110	37.6	18.6	56.0	
77	31.8	24.7	37.1	





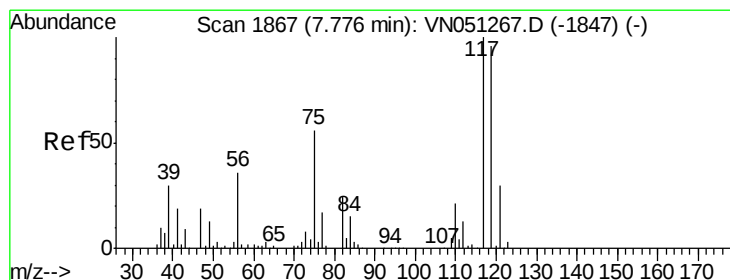
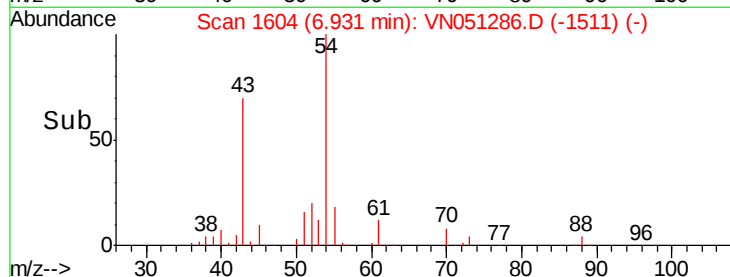
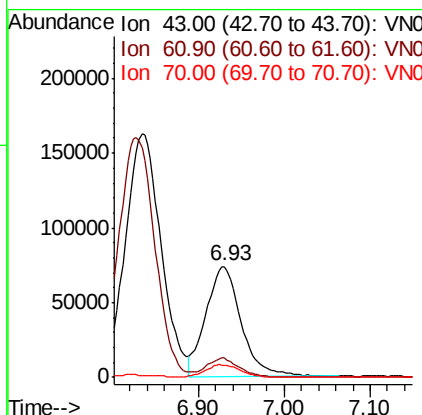
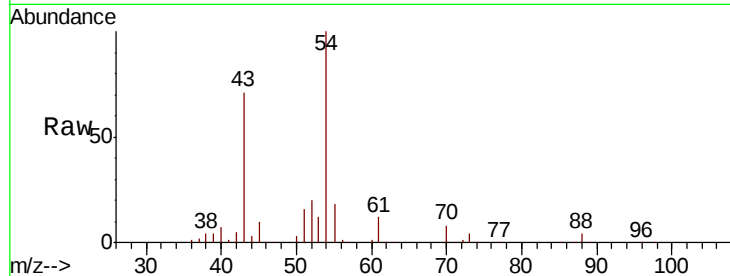
#37
Ethyl Acetate
Concen: 48.107 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.7	12.3	18.5
70	11.1	9.4	14.0

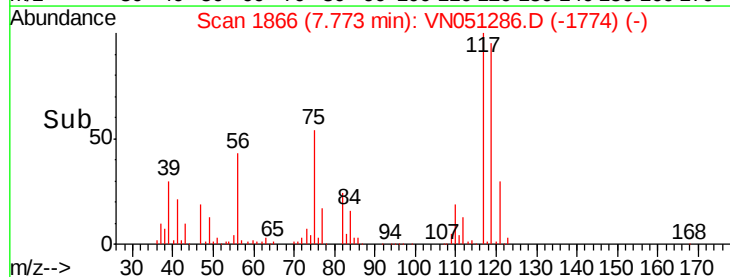
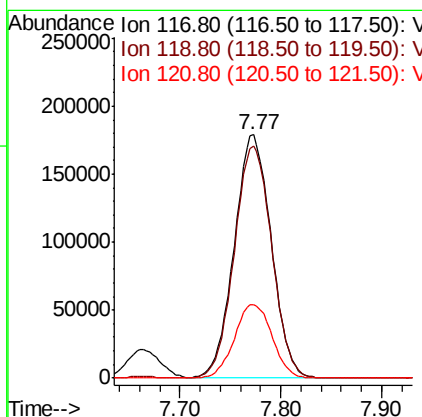
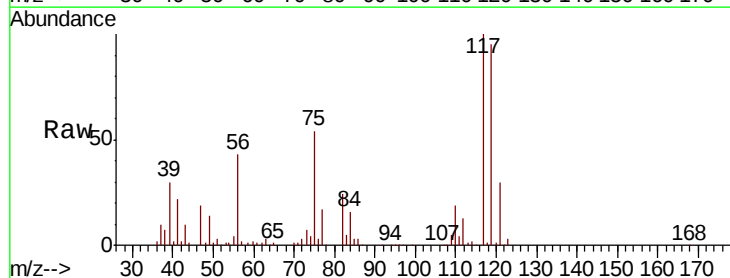
Manual Integrations
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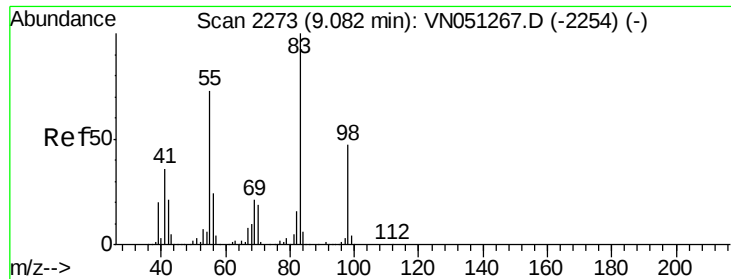
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#38
Carbon Tetrachloride
Concen: 50.942 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.8	115.2
121	30.2	24.2	36.2





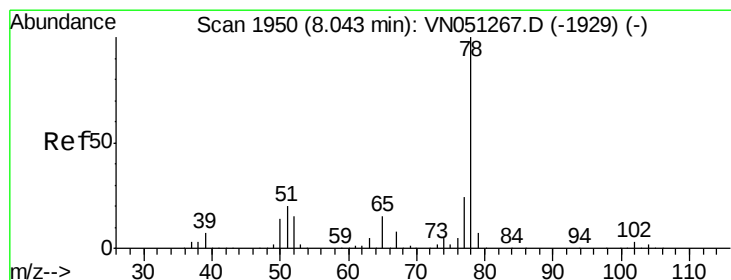
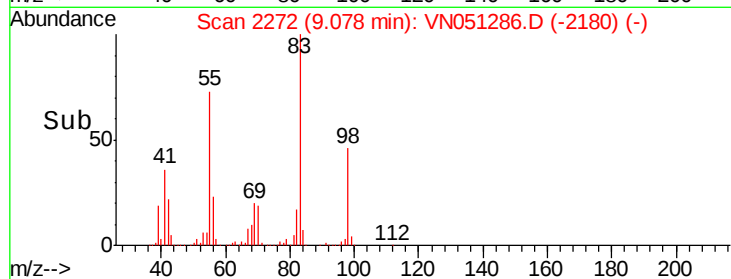
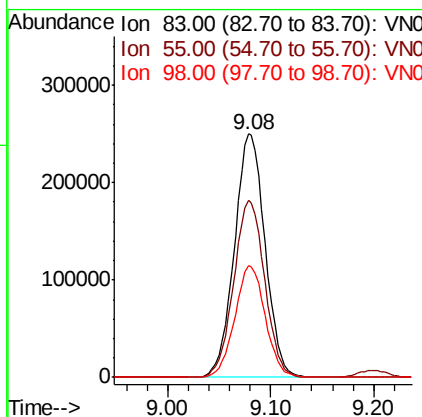
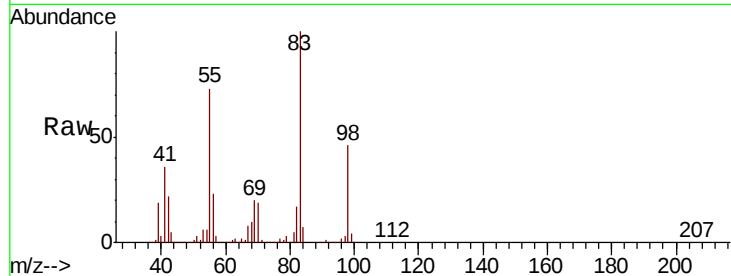
#39
Methylcyclohexane
Concen: 55.370 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	72.7	58.7	88.1
98	46.0	37.3	55.9

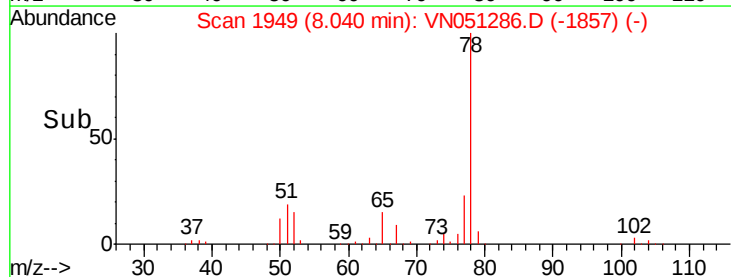
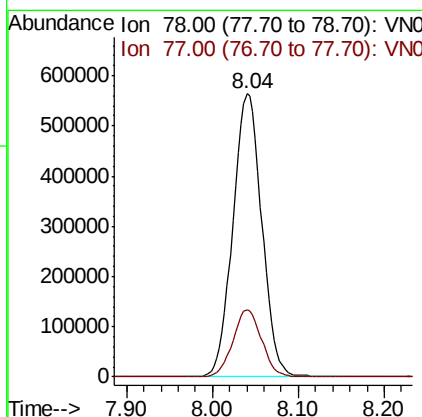
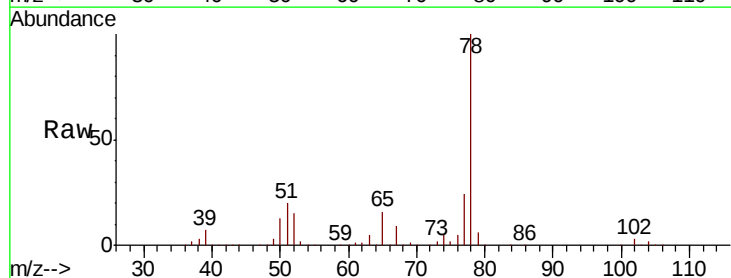
Manual Integrations
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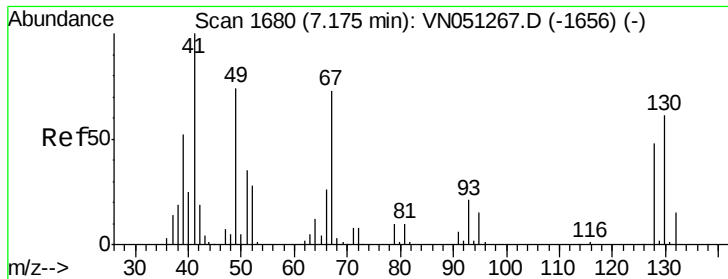
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#40
Benzene
Concen: 51.494 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.4





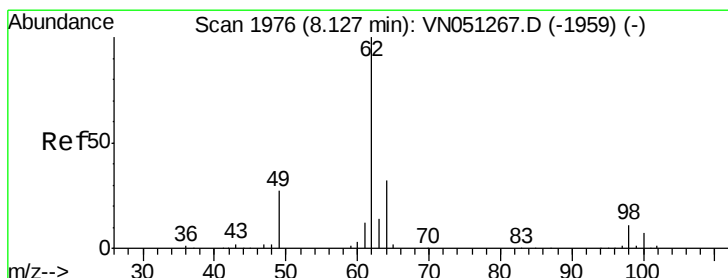
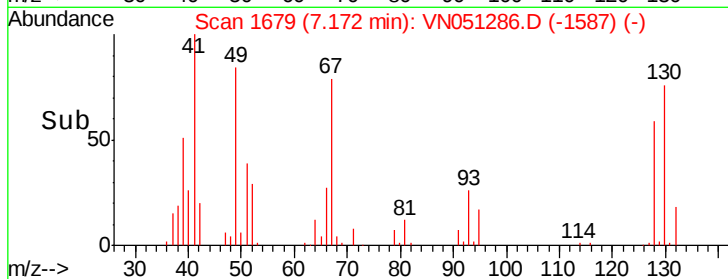
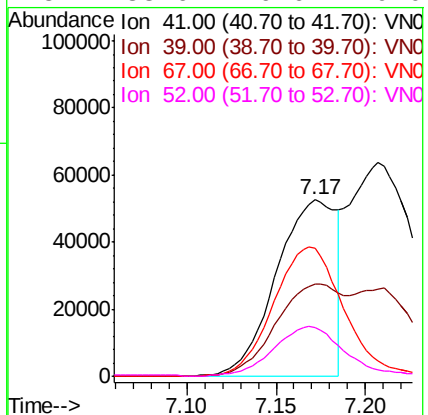
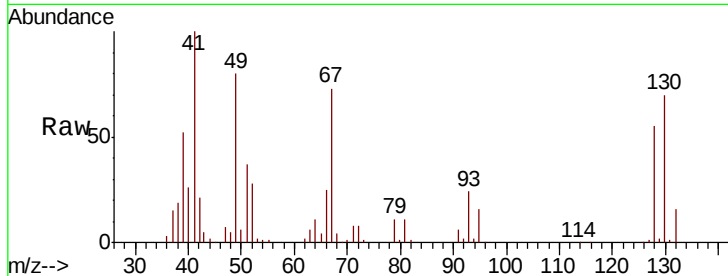
#41
Methacrylonitrile
Concen: 54.167 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
41	100		
39	56.4	47.8	71.6
67	86.3	69.8	104.6
52	33.6	26.6	40.0

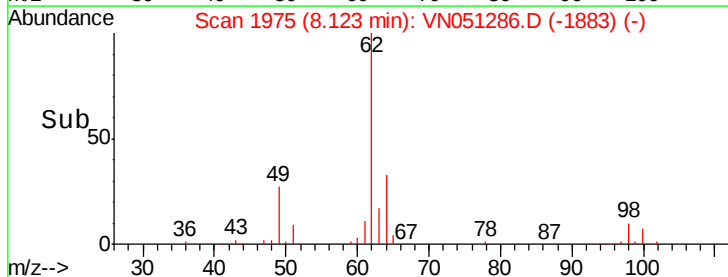
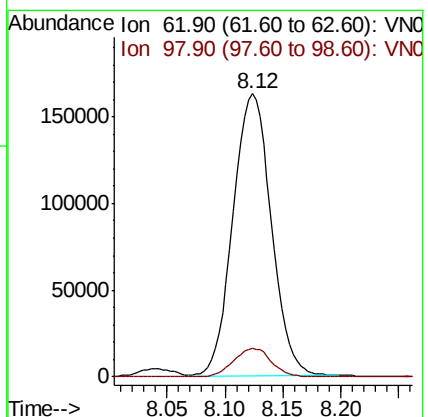
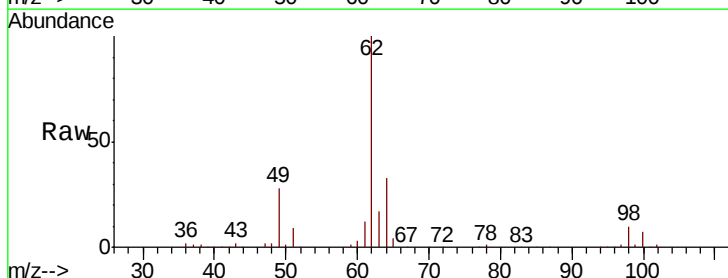
Manual Integrations
APPROVED

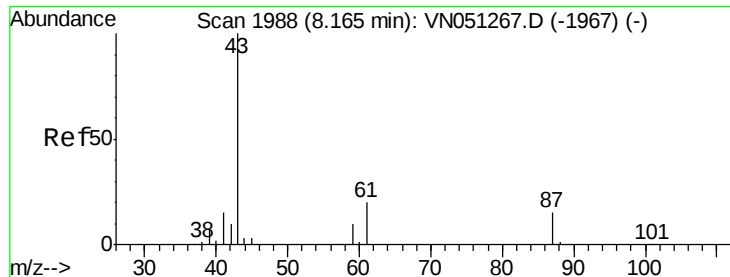
MMDadoda
9/19/2018 2:57:05 PM



#42
1,2-Dichloroethane
Concen: 50.032 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	21.0





#43

Isopropyl Acetate

Concen: 49.667 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 379086
Ion Ratio Lower Upper

43 100

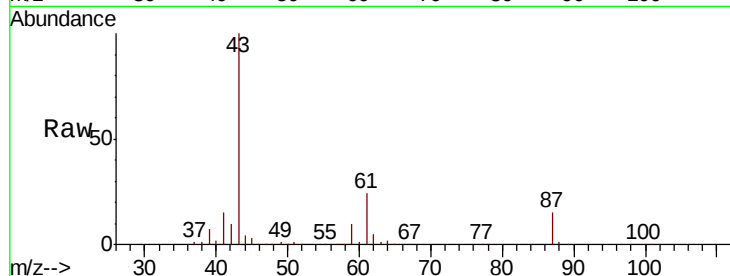
61 32.5 17.4 26.2#

87 14.9 12.2 18.4

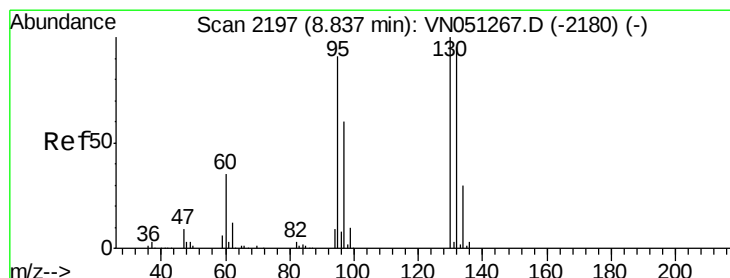
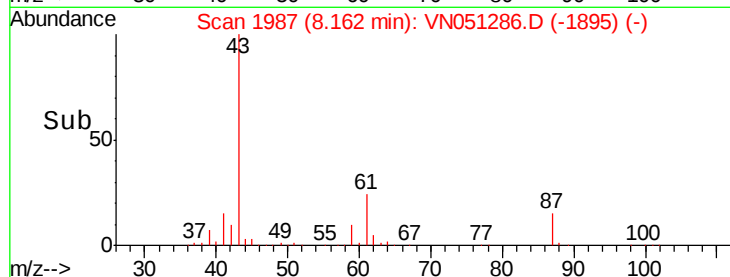
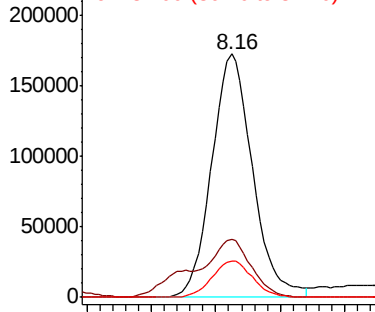
Manual Integrations
APPROVED

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Abundance Ion 43.00 (42.70 to 43.70): VN051267.D (-1967) (-)
Ion 61.00 (60.70 to 61.70): VN051267.D (-1967) (-)
Ion 87.00 (86.70 to 87.70): VN051267.D (-1967) (-)



#44

Trichloroethene

Concen: 50.722 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

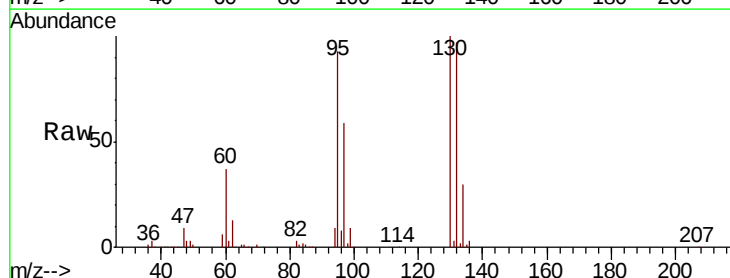
Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

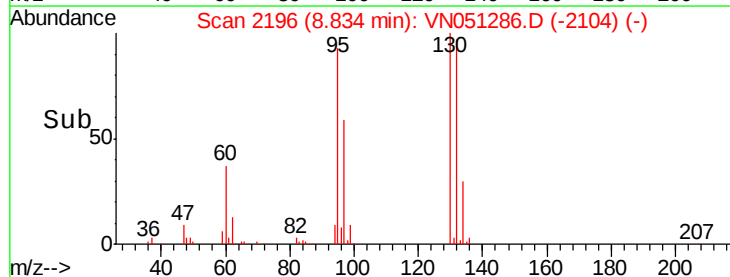
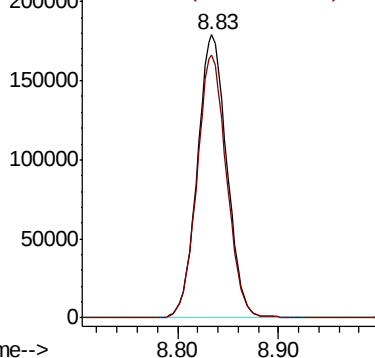
Tgt Ion: 130 Resp: 364018
Ion Ratio Lower Upper

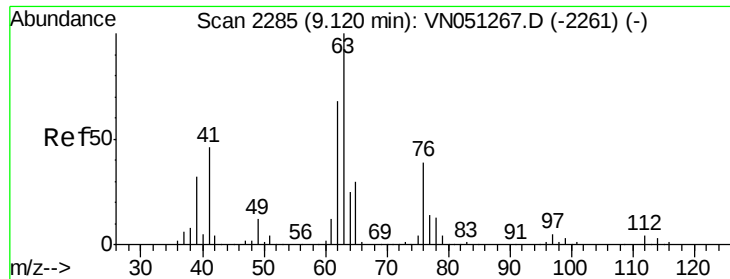
130 100

95 93.0 0.0 181.8



Abundance Ion 129.80 (129.50 to 130.50): VN051267.D (-2180) (-)
Ion 94.90 (94.60 to 95.60): VN051267.D (-2180) (-)





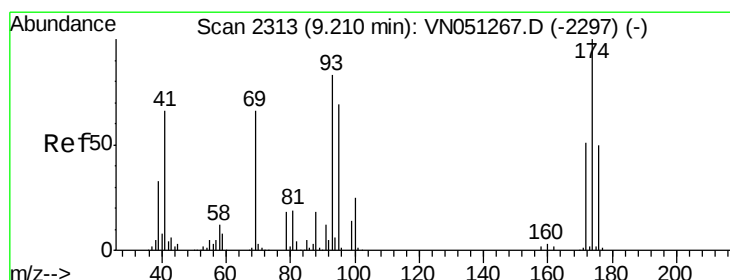
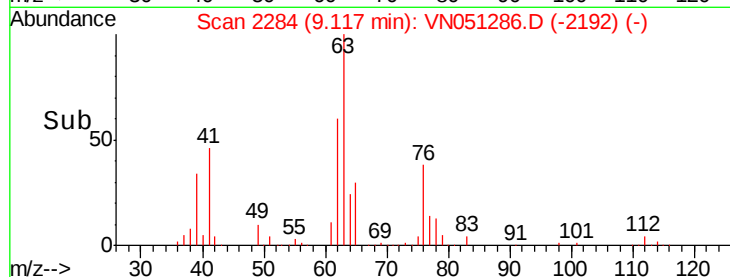
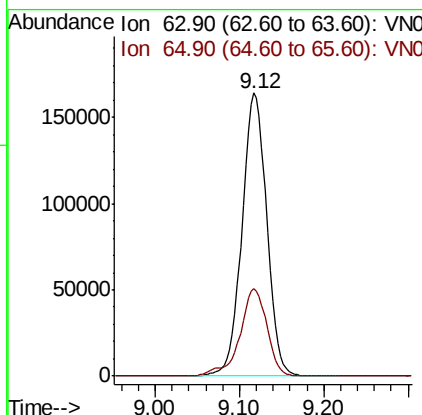
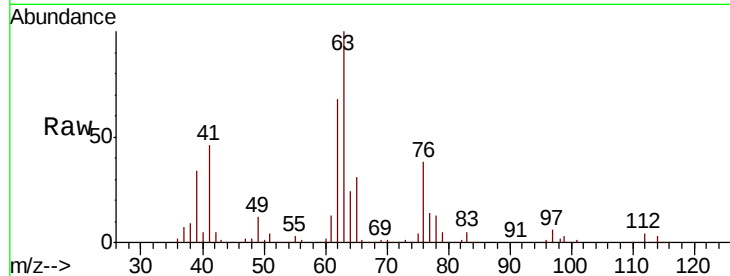
#45
 1,2-Dichloropropane
 Concen: 51.944 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN051286.D
 Acq: 18 Sep 2018 8:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 336216
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.2 36.4

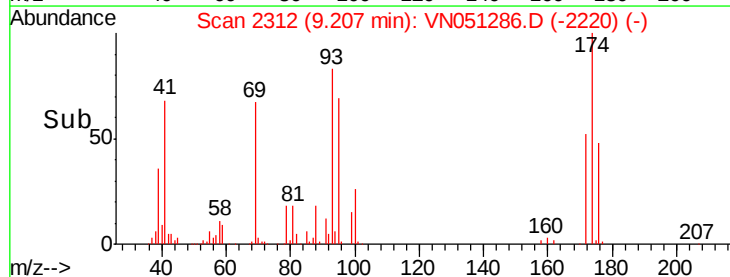
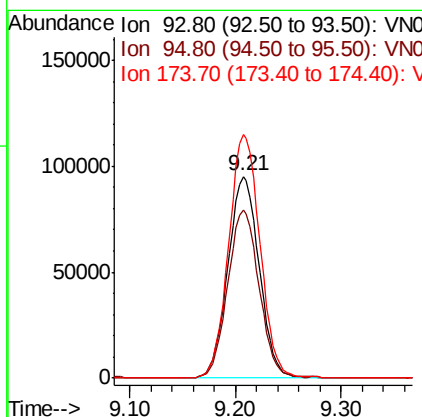
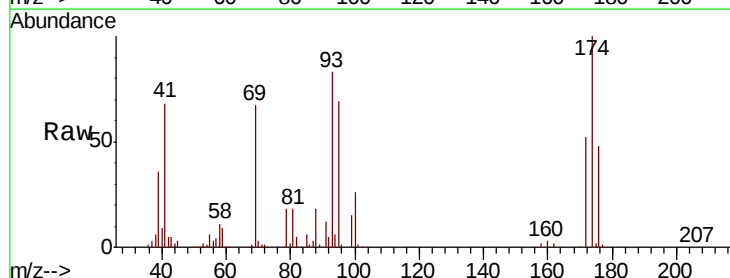
Manual Integrations
 APPROVED

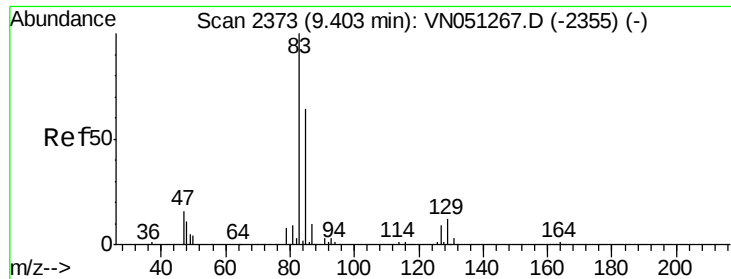
MMDadoda
 9/19/2018 2:57:05 PM



#46
 Dibromomethane
 Concen: 49.728 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN051286.D
 Acq: 18 Sep 2018 8:44

Tgt Ion: 93 Resp: 196065
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.6 100.0
 174 120.6 95.6 143.4





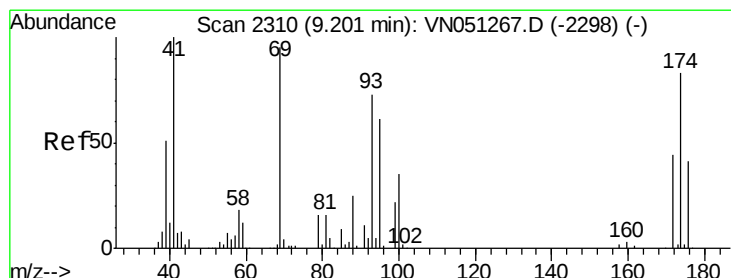
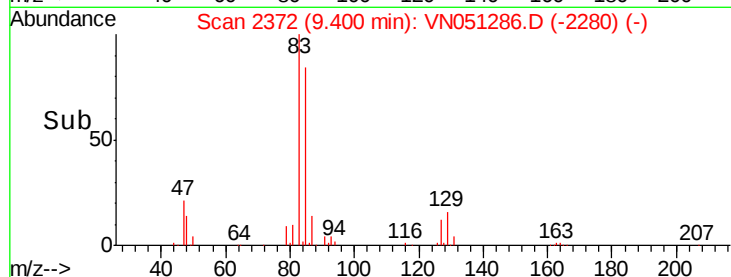
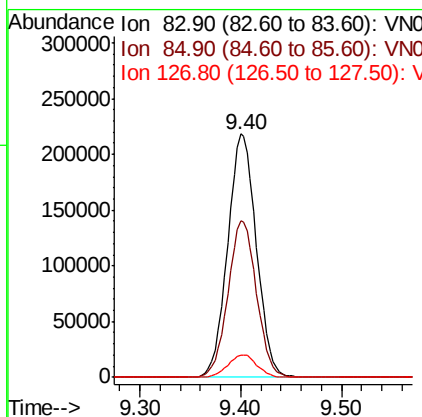
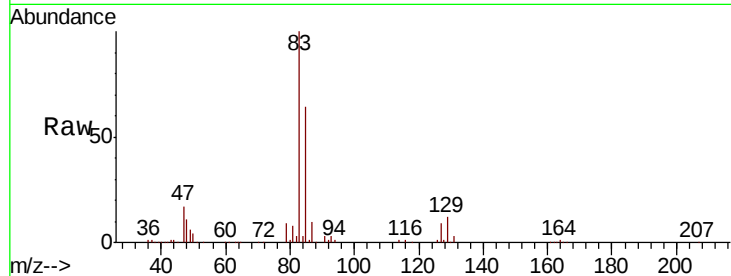
#47
Bromodichloromethane
Concen: 51.413 ug/l
RT: 9.40 min Scan# 2372
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.0	76.4
127	9.3	7.1	10.7

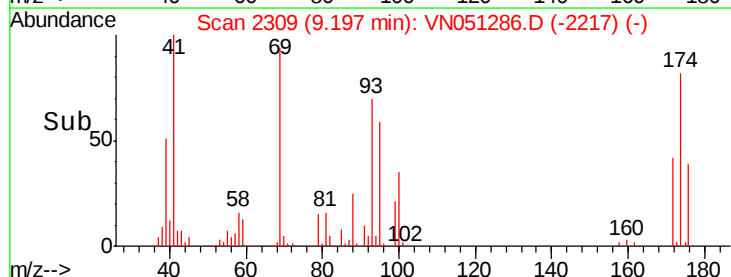
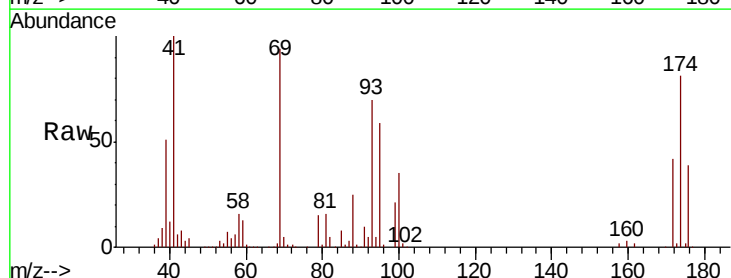
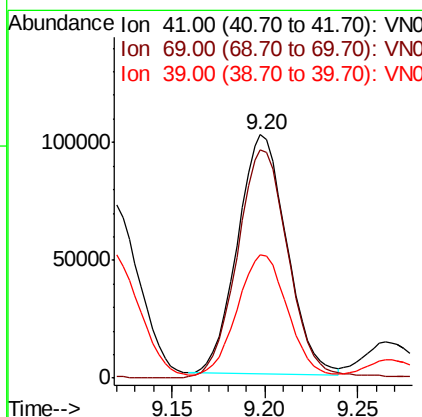
Manual Integrations
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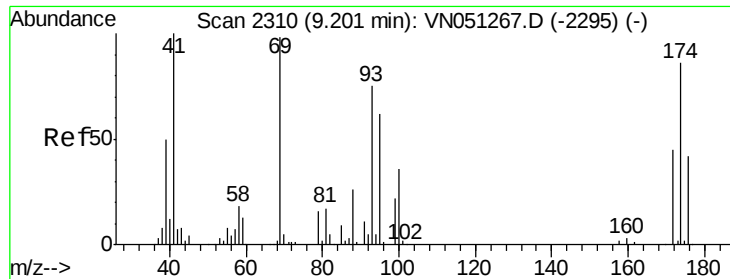
MMDadoda
9/19/2018 2:57:05 PM



#48
Methyl methacrylate
Concen: 50.924 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Tgt Ion	Ratio	Lower	Upper
41	100		
69	100.1	78.9	118.3
39	53.5	42.2	63.2





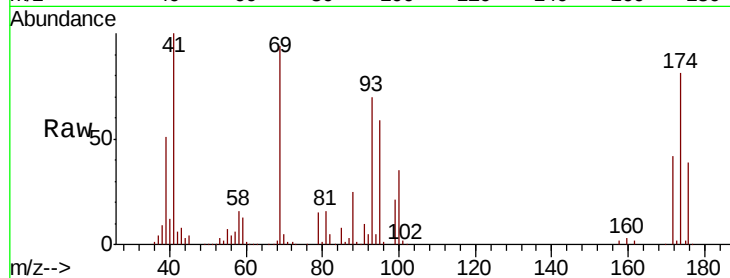
#49
1,4-Dioxane
Concen: 1000.749 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	28.5	25.3	37.9
58	63.7	54.9	82.3

Manual Integrations
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MMDadoda
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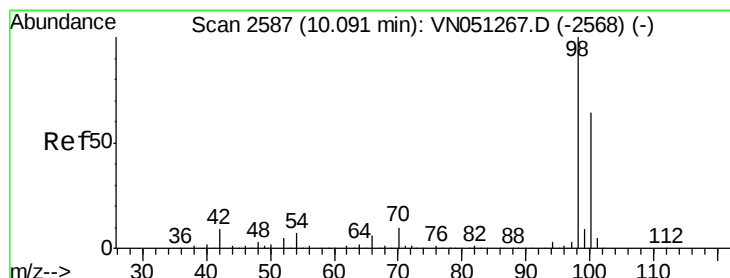
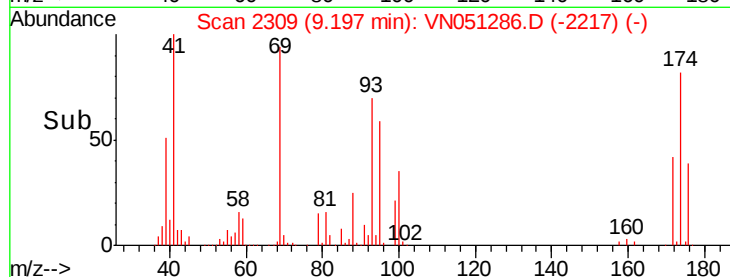
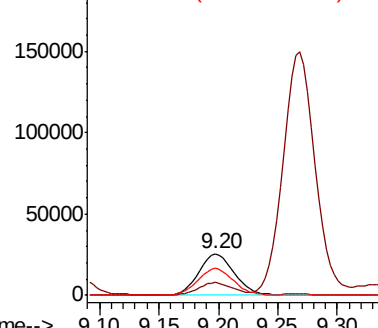


Abundance

Ion 88.00 (87.70 to 88.70): VN0

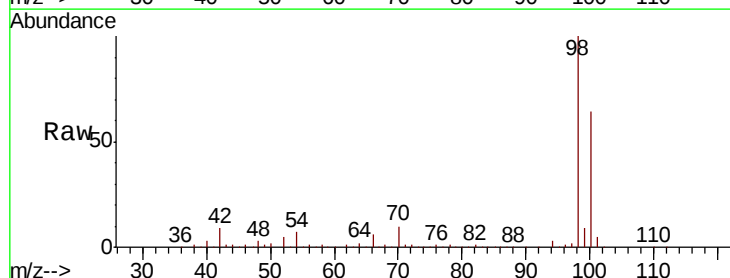
Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50
Toluene-d8
Concen: 52.855 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

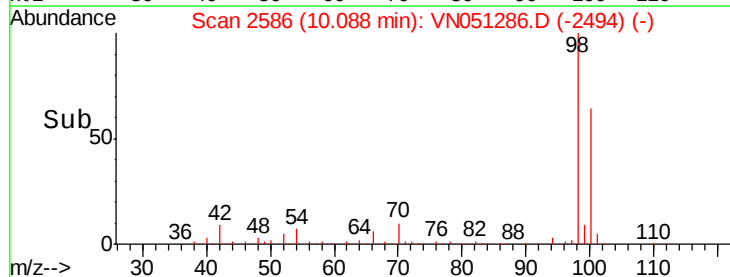
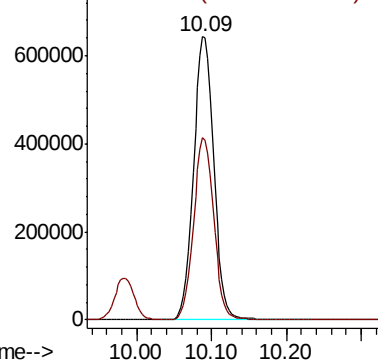
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.6	77.4

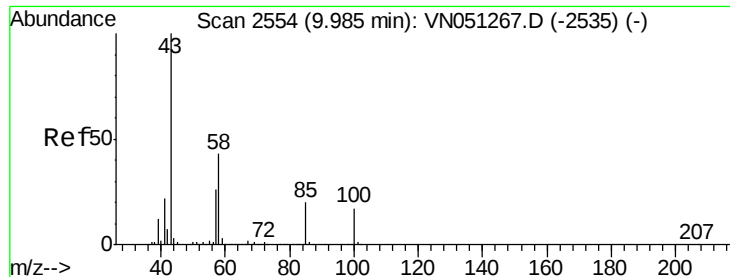


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





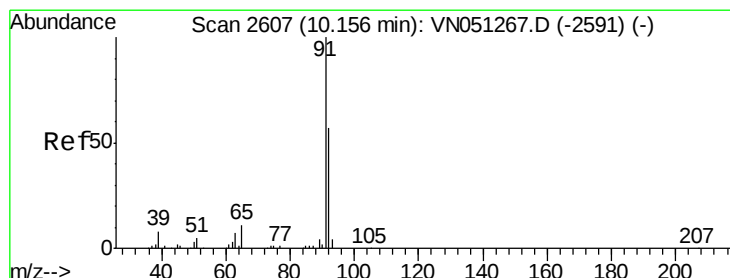
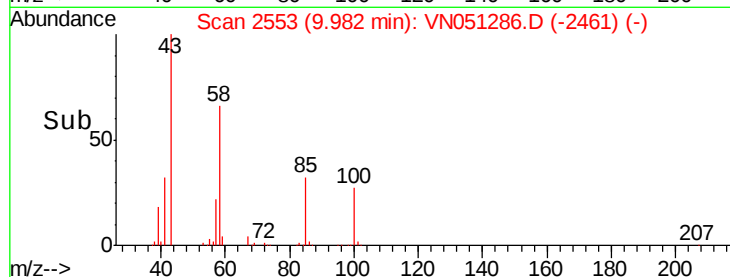
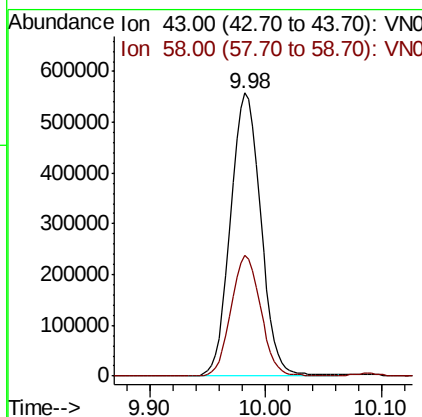
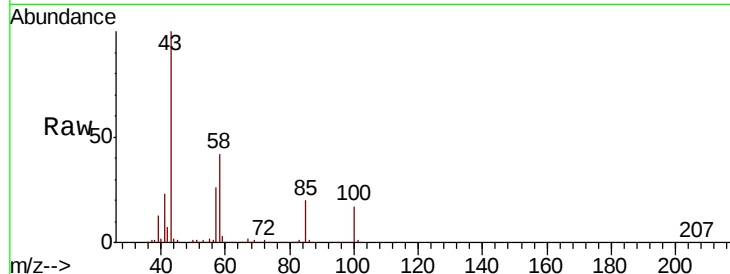
#51
 4-Methyl-2-Pentanone
 Concen: 255.746 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. -0.00 min
 Lab File: VN051286.D
 Acq: 18 Sep 2018 8:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1007225
 Ion Ratio Lower Upper
 43 100
 58 41.9 33.8 50.6

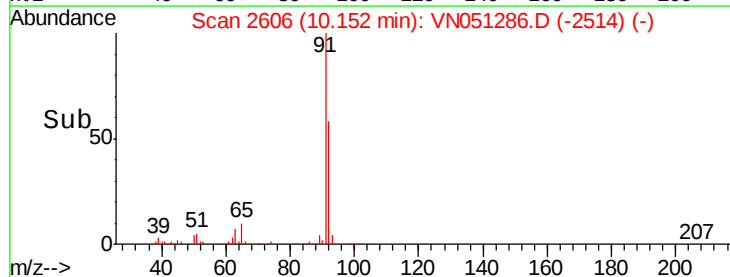
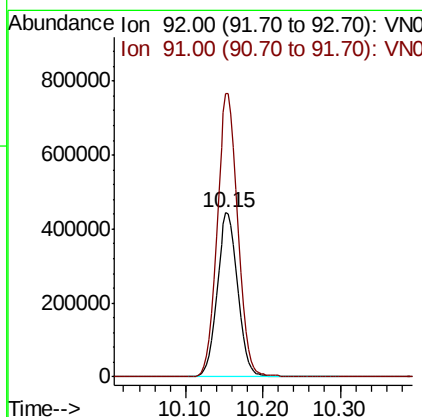
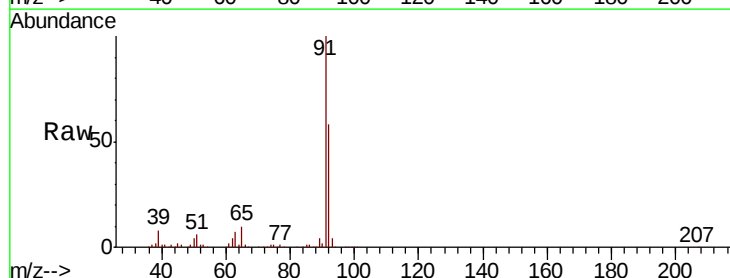
Manual Integrations
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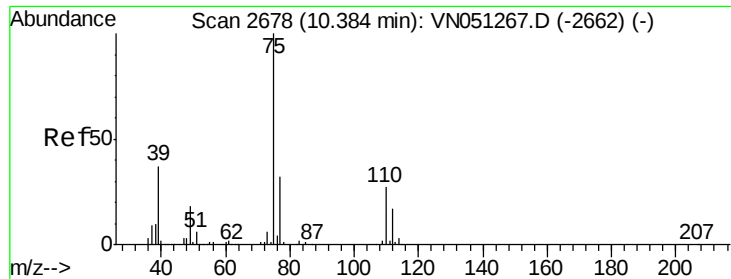
MMDadoda
 9/19/2018 2:57:05 PM



#52
 Toluene
 Concen: 54.298 ug/l
 RT: 10.15 min Scan# 2606
 Delta R.T. -0.00 min
 Lab File: VN051286.D
 Acq: 18 Sep 2018 8:44

Tgt Ion: 92 Resp: 829828
 Ion Ratio Lower Upper
 92 100
 91 173.2 139.2 208.8





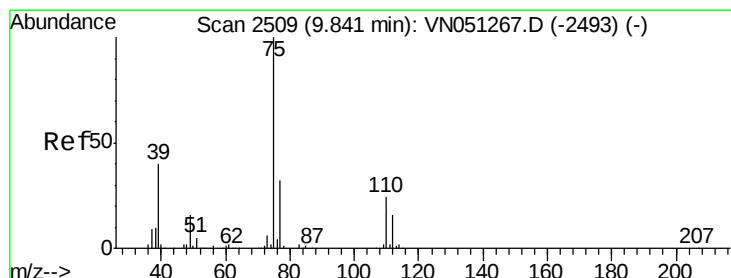
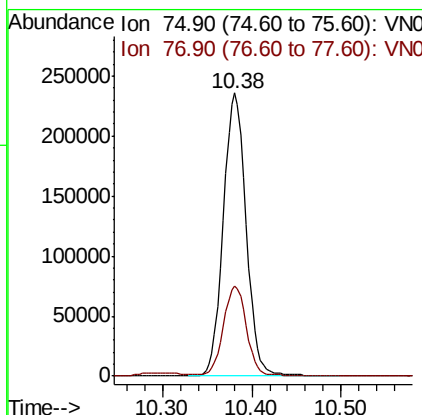
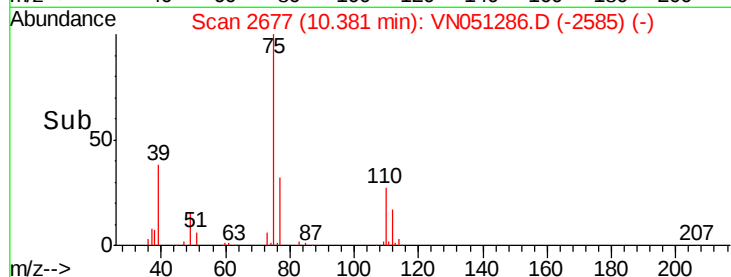
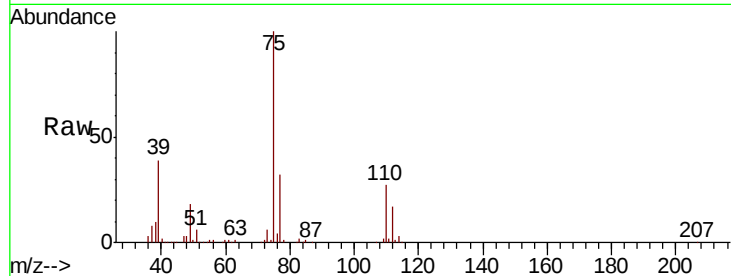
#53
t-1,3-Dichloropropene
Concen: 53.069 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 419071
Ion Ratio Lower Upper
75 100
77 31.6 25.5 38.3

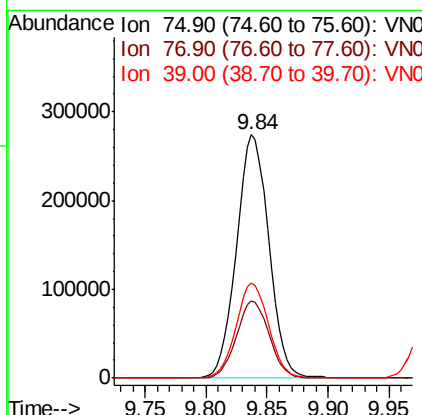
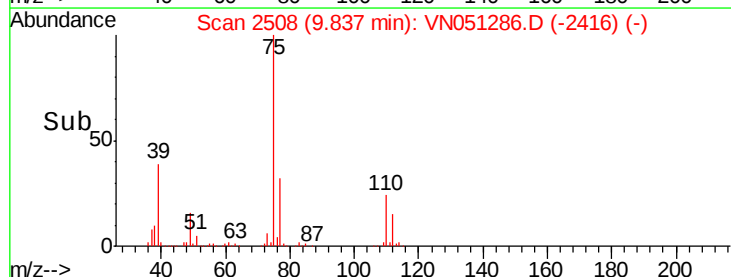
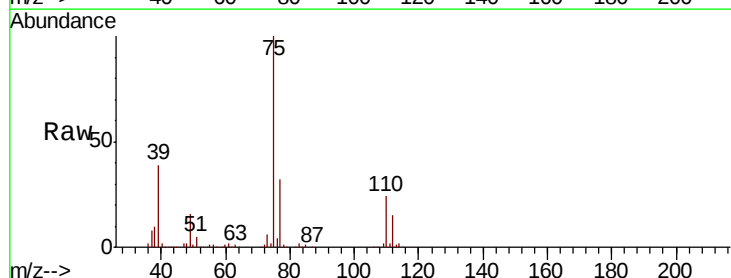
Manual Integrations
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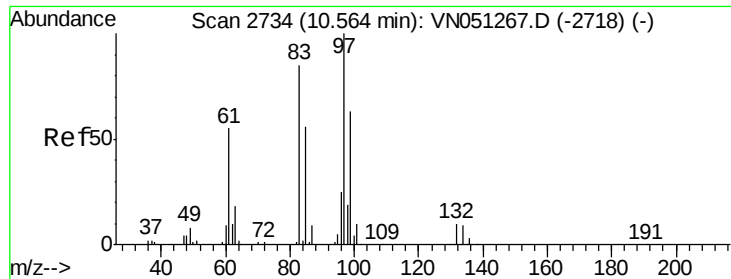
MMDadoda
9/19/2018 2:57:05 PM



#54
cis-1,3-Dichloropropene
Concen: 53.252 ug/l
RT: 9.84 min Scan# 2508
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Tgt Ion: 75 Resp: 502253
Ion Ratio Lower Upper
75 100
77 31.6 25.8 38.8
39 39.3 31.8 47.8





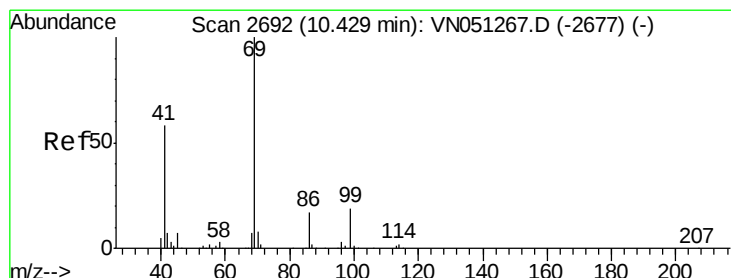
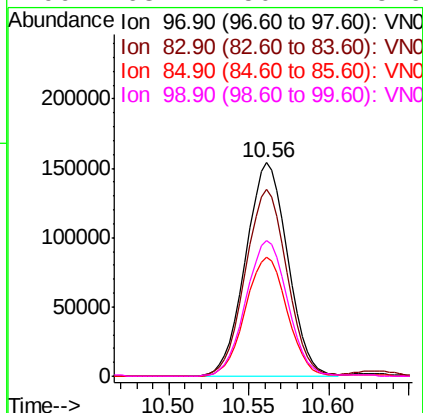
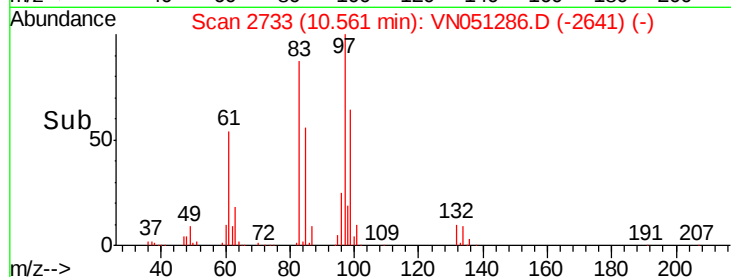
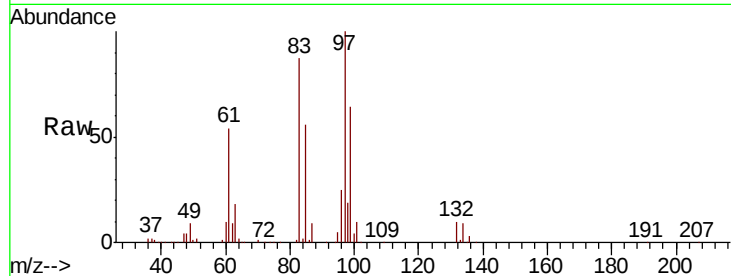
#55
 1,1,2-Trichloroethane
 Concen: 50.890 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN051286.D
 Acq: 18 Sep 2018 8:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.4	67.7	101.5
85	55.6	44.5	66.7
99	63.7	50.4	75.6

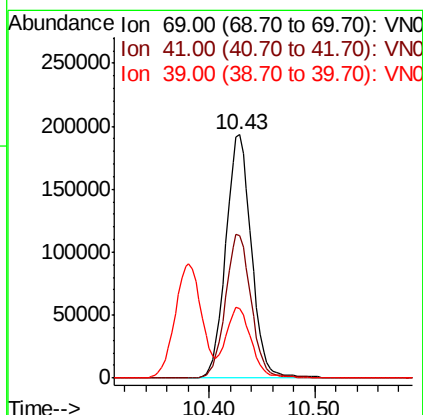
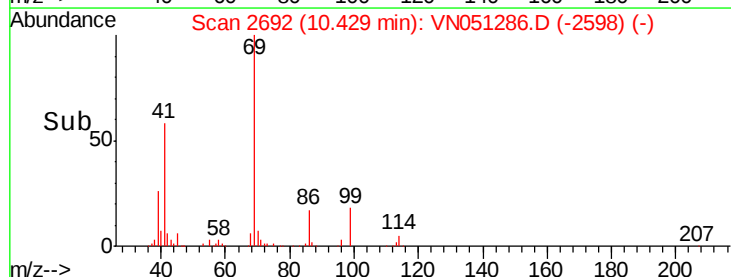
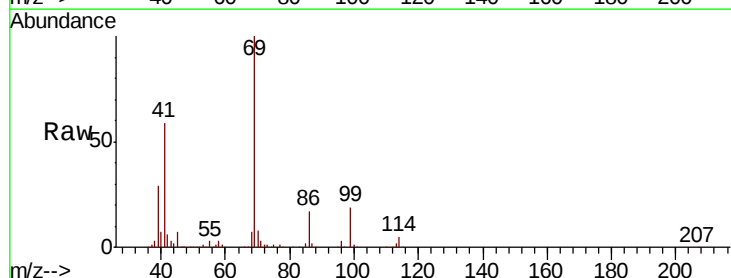
Manual Integrations
 APPROVED

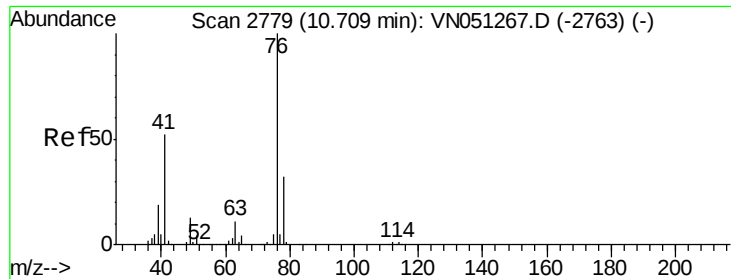
MMDadoda
 9/19/2018 2:57:05 PM



#56
 Ethyl methacrylate
 Concen: 46.683 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN051286.D
 Acq: 18 Sep 2018 8:44

Tgt Ion	Ratio	Lower	Upper
69	100		
41	58.6	47.4	71.0
39	28.1	23.7	35.5





#57

1,3-Dichloropropane

Concen: 52.168 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 464385

Ion Ratio Lower Upper

76 100

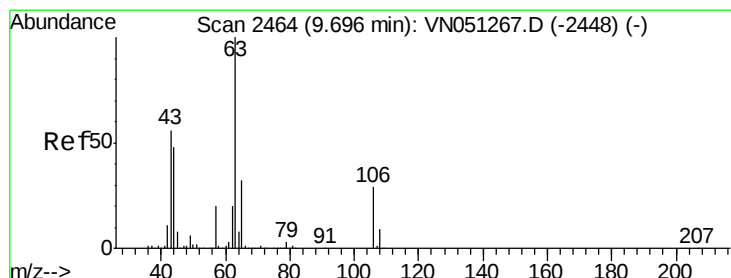
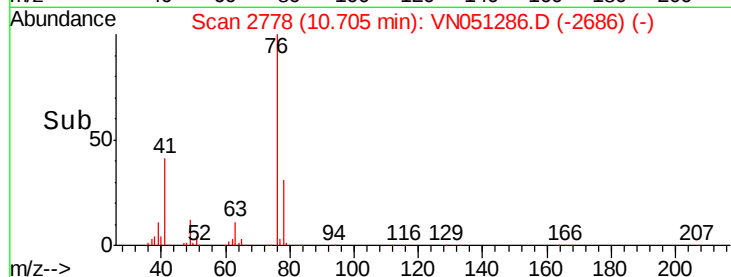
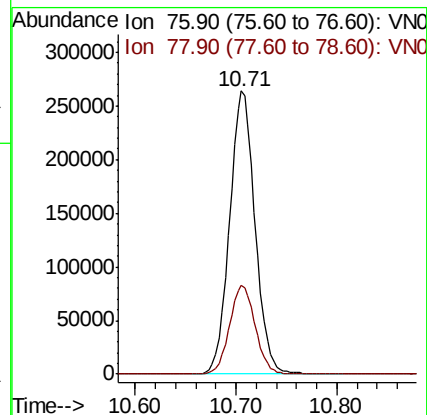
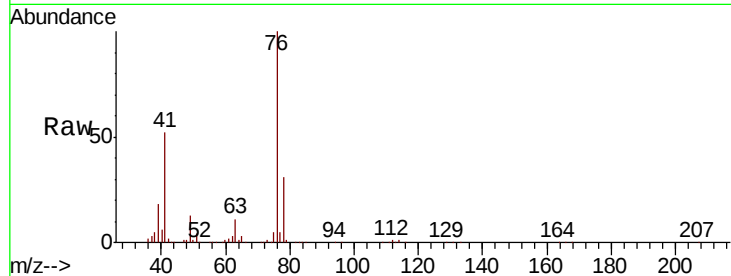
78 31.9 25.8 38.6

Manual Integrations

APPROVED

MMDadoda

9/19/2018 2:57:05 PM



#58

2-Chloroethyl Vinyl ether

Concen: 233.501 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN051286.D

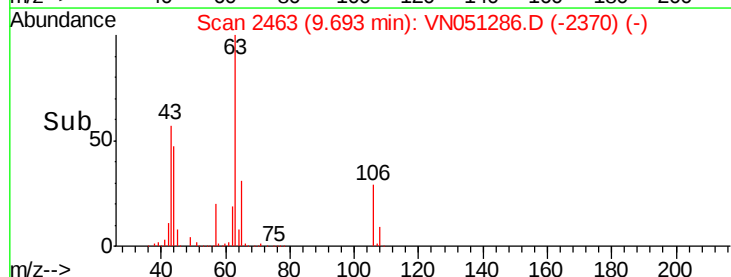
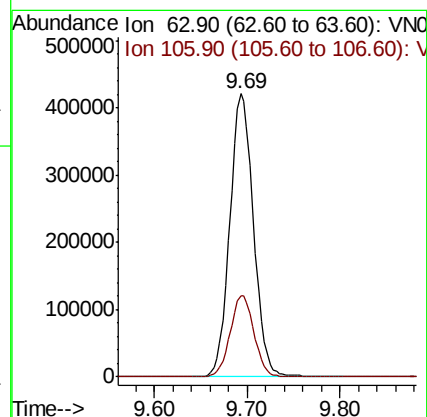
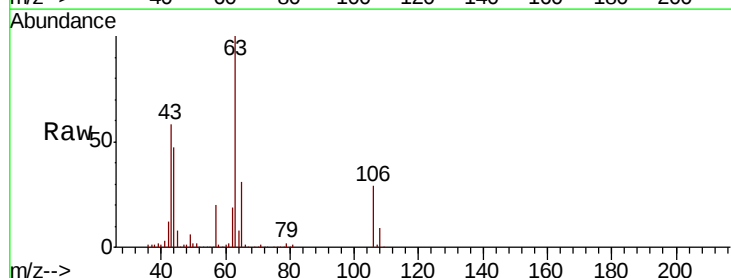
Acq: 18 Sep 2018 8:44

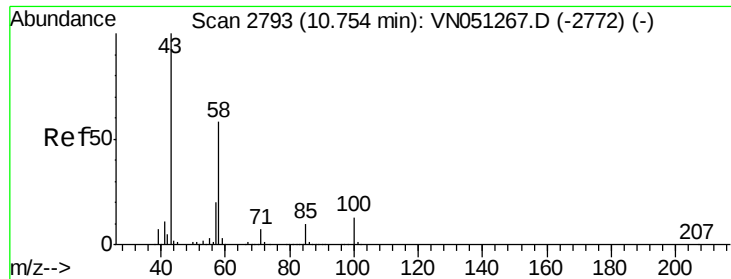
Tgt Ion: 63 Resp: 745257

Ion Ratio Lower Upper

63 100

106 28.9 23.4 35.2





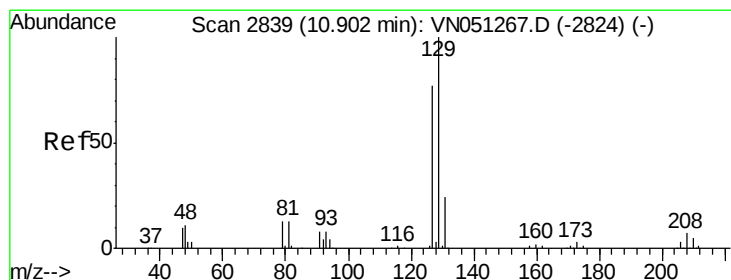
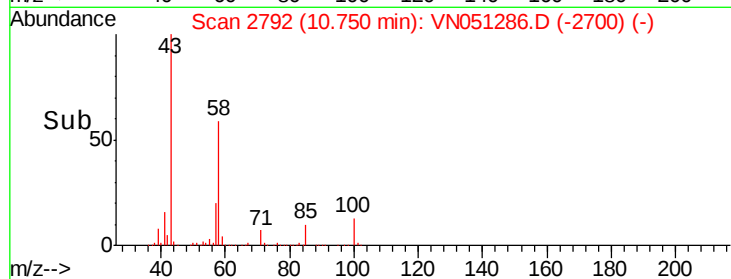
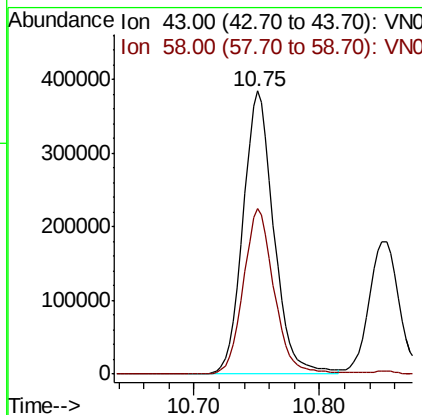
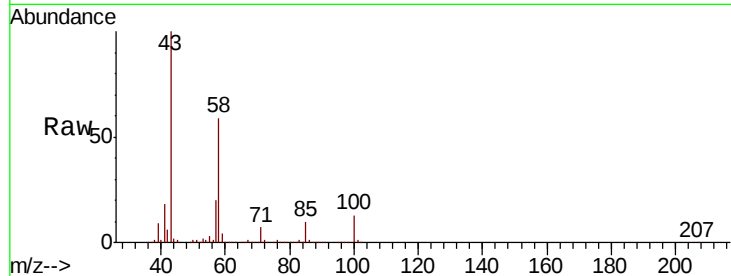
#59
2-Hexanone
Concen: 252.251 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tgt Ion: 43 Resp: 654104
Ion Ratio Lower Upper
43 100
58 58.8 28.9 86.8

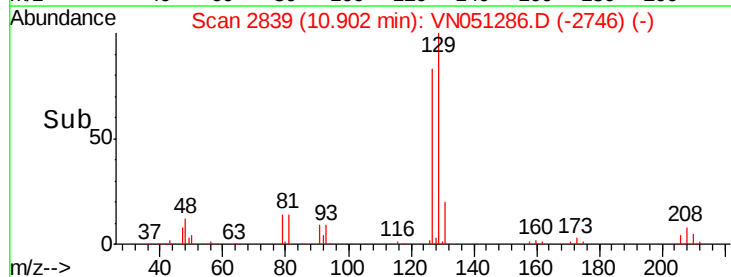
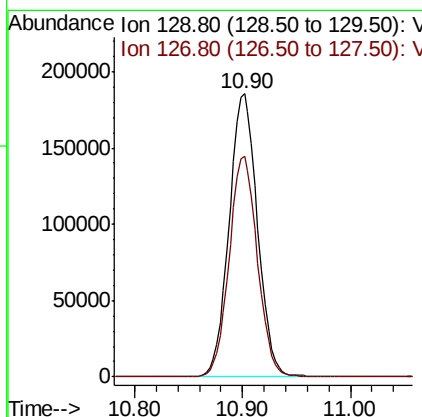
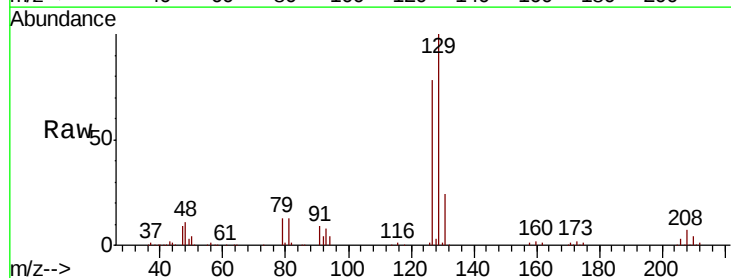
Manual Integrations
APPROVED

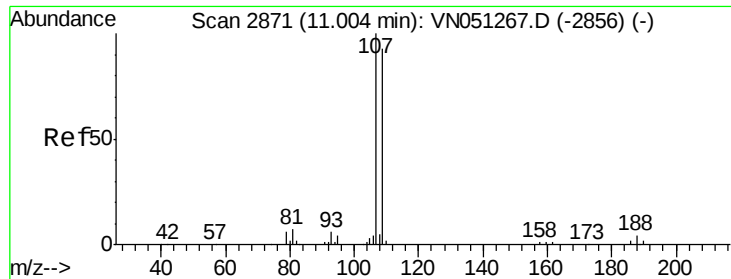
MMDadoda
9/19/2018 2:57:05 PM



#60
Dibromochloromethane
Concen: 52.565 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Tgt Ion: 129 Resp: 338053
Ion Ratio Lower Upper
129 100
127 77.4 38.3 114.9





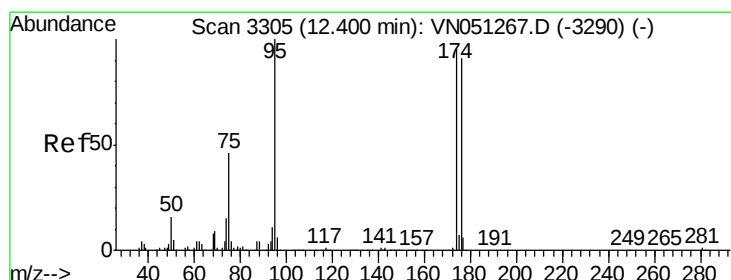
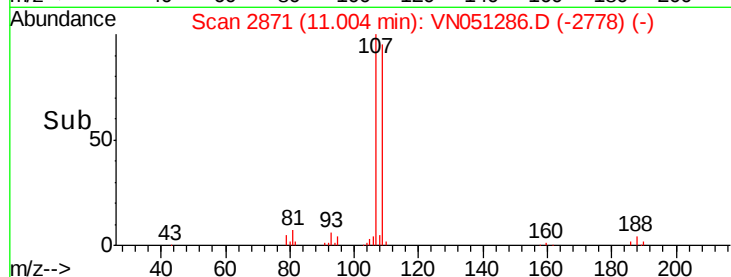
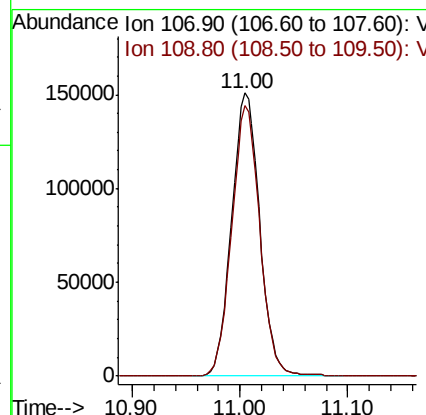
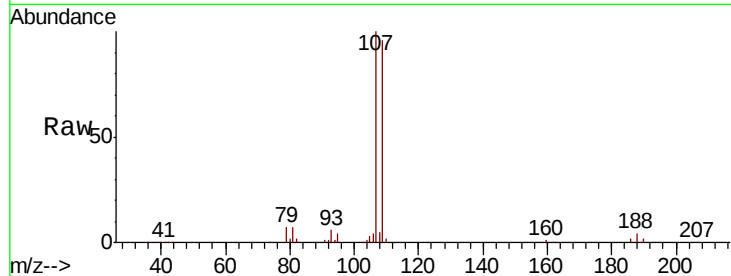
#61
 1,2-Dibromoethane
 Concen: 52.128 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN051286.D
 Acq: 18 Sep 2018 8:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 107 Resp: 273798
 Ion Ratio Lower Upper
 107 100
 109 95.6 74.7 112.1

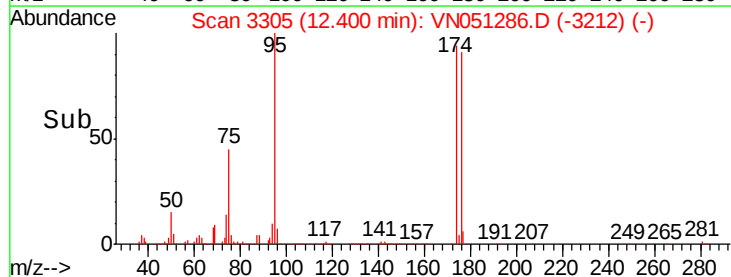
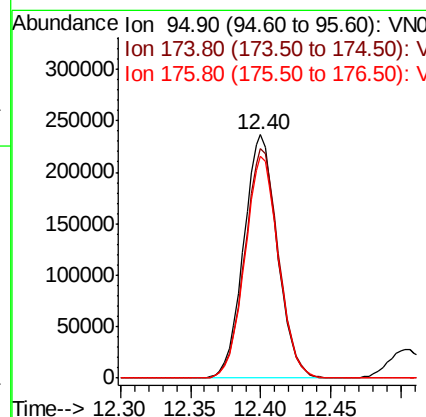
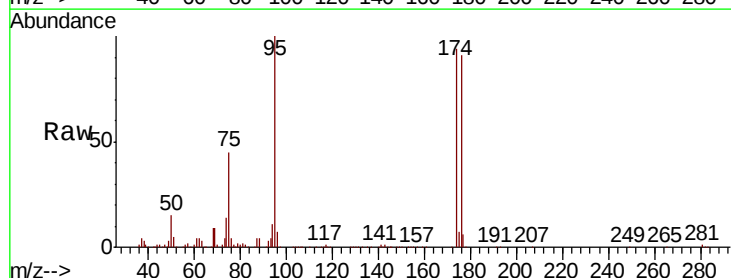
Manual Integrations
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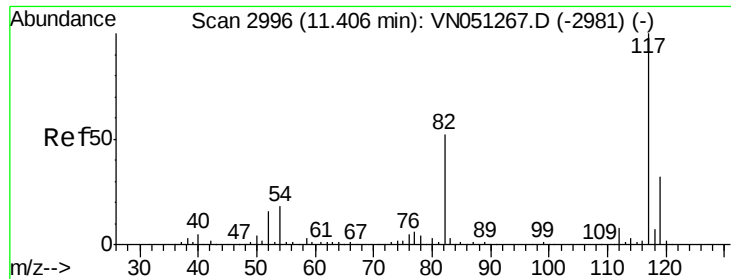
MMDadoda
 9/19/2018 2:57:05 PM



#62
 4-Bromofluorobenzene
 Concen: 54.188 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN051286.D
 Acq: 18 Sep 2018 8:44

Tgt Ion: 95 Resp: 392431
 Ion Ratio Lower Upper
 95 100
 174 95.2 0.0 189.6
 176 91.8 0.0 182.6





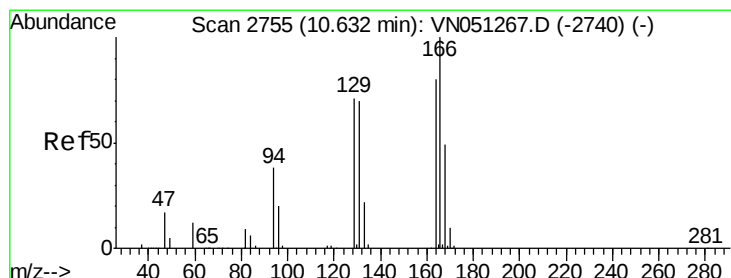
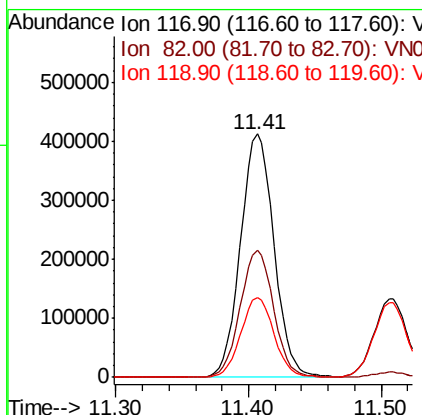
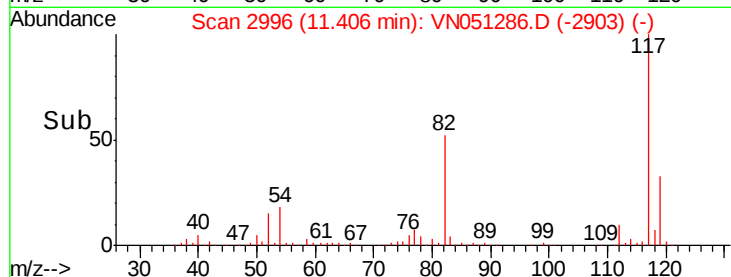
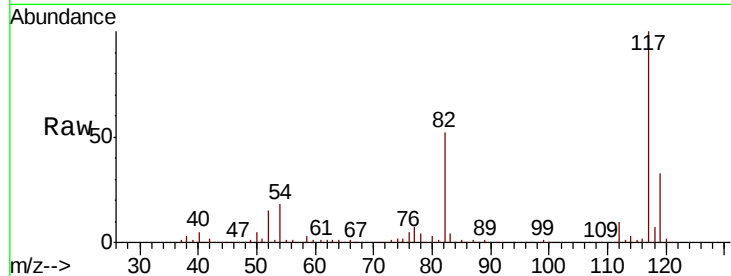
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.0	41.8	62.8
119	32.9	25.6	38.4

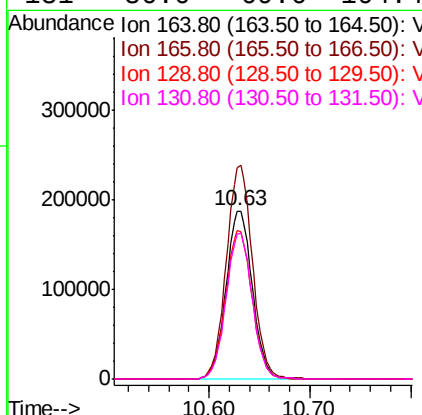
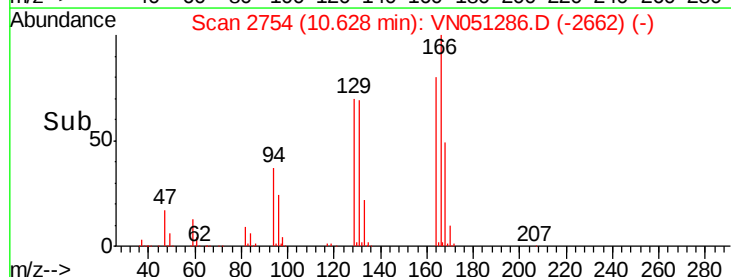
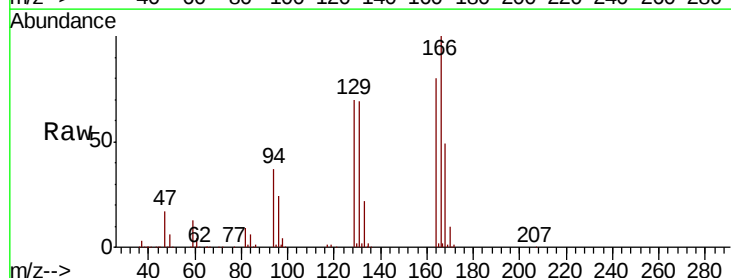
Manual Integrations
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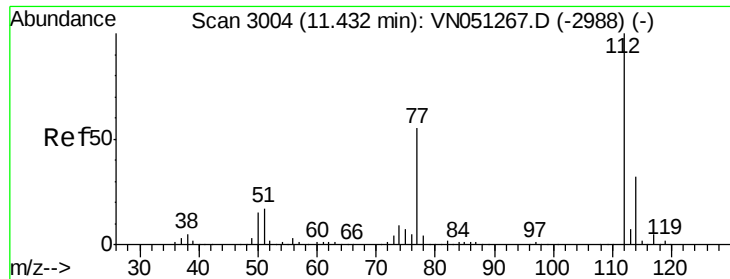
MMDadoda
9/19/2018 2:57:05 PM



#64
Tetrachloroethene
Concen: 49.513 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.5	100.0	150.0
129	88.2	70.8	106.2
131	86.0	69.6	104.4





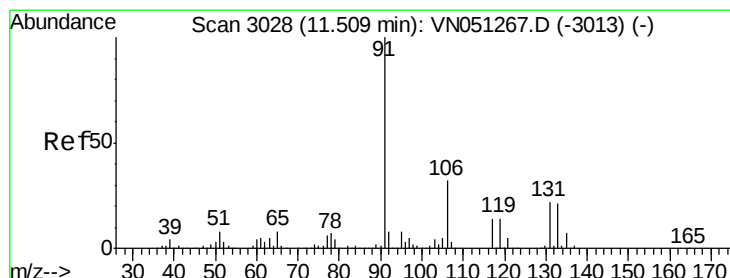
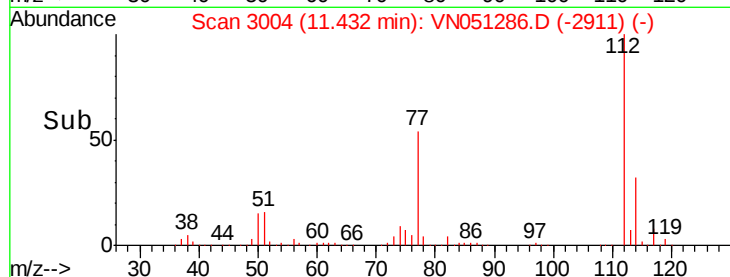
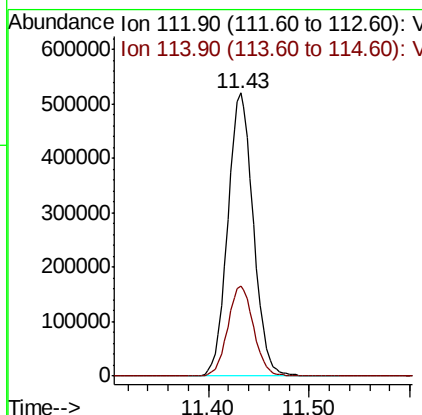
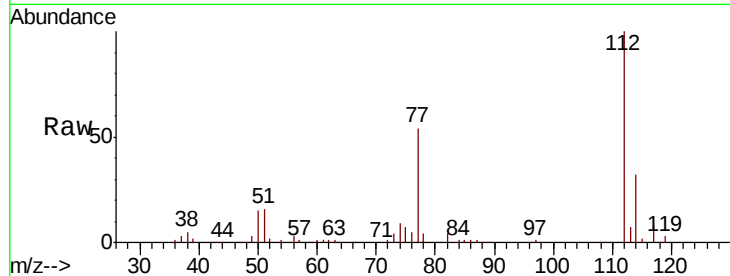
#65
Chlorobenzene
Concen: 51.223 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 918028
Ion Ratio Lower Upper
112 100
114 31.8 25.9 38.9

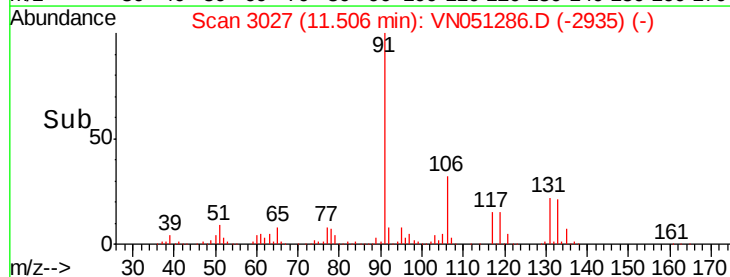
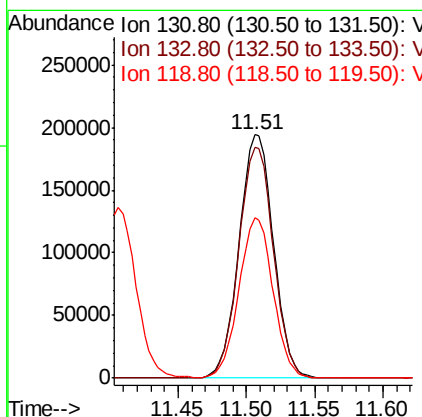
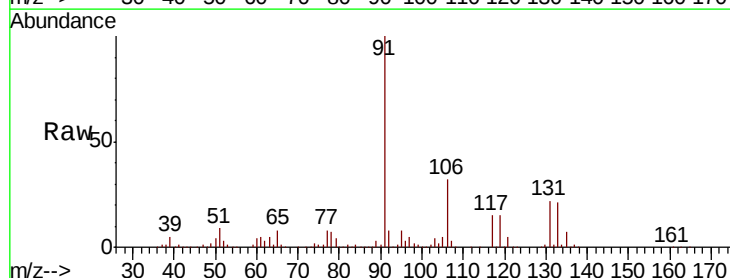
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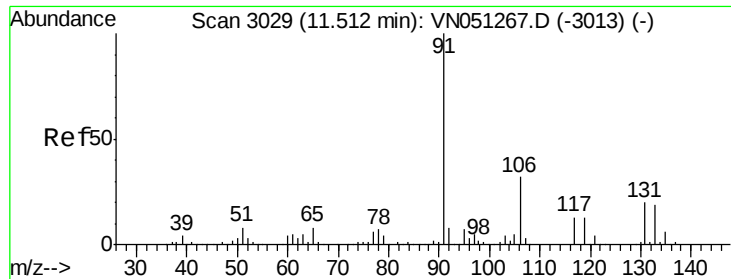
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.263 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Tgt Ion:131 Resp: 341047
Ion Ratio Lower Upper
131 100
133 95.3 47.9 143.7
119 64.8 32.6 98.0





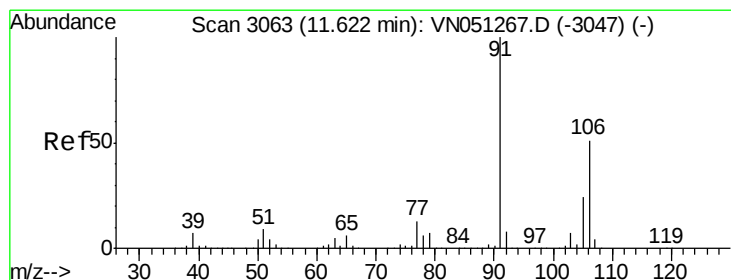
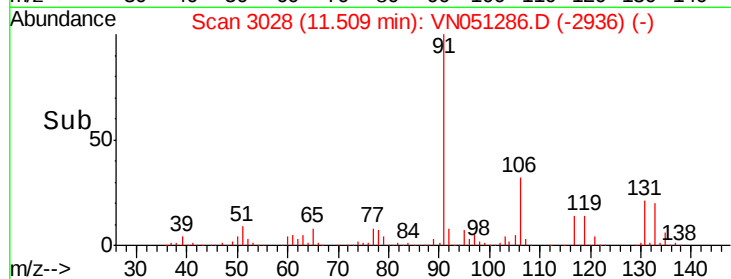
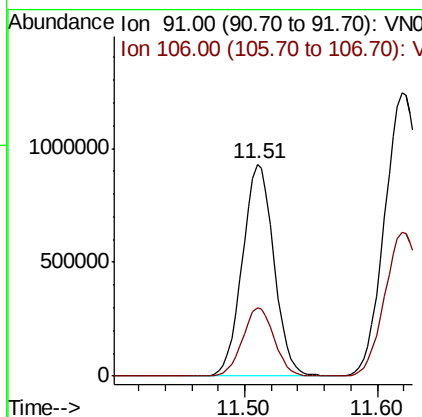
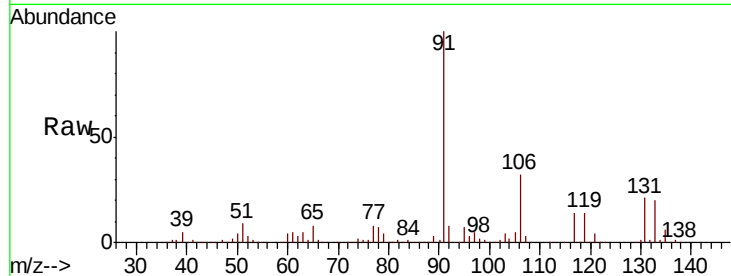
#67
Ethyl Benzene
Concen: 53.748 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tgt Ion: 91 Resp: 1535117
Ion Ratio Lower Upper
91 100
106 32.4 25.7 38.5

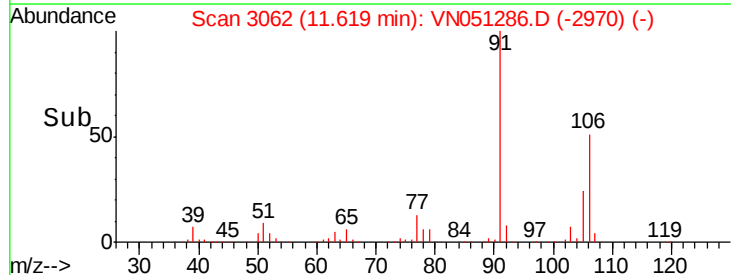
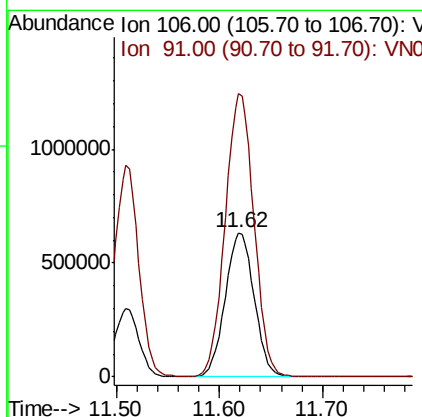
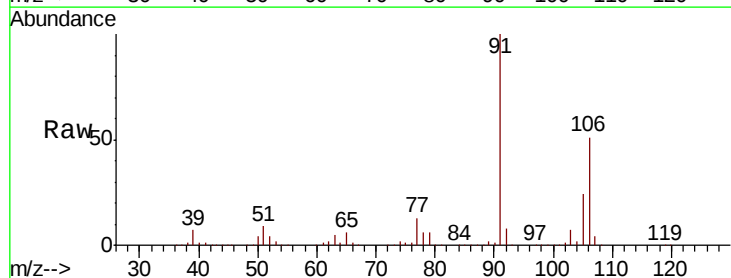
Manual Integrations
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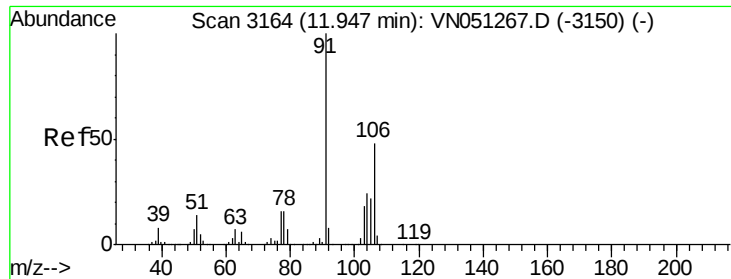
MMDadoda
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#68
m/p-Xylenes
Concen: 111.041 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Tgt Ion: 106 Resp: 1232018
Ion Ratio Lower Upper
106 100
91 196.2 158.6 238.0





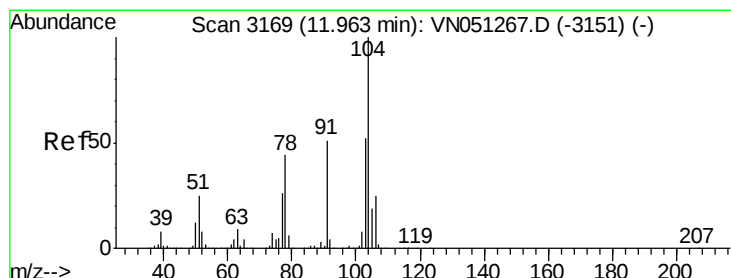
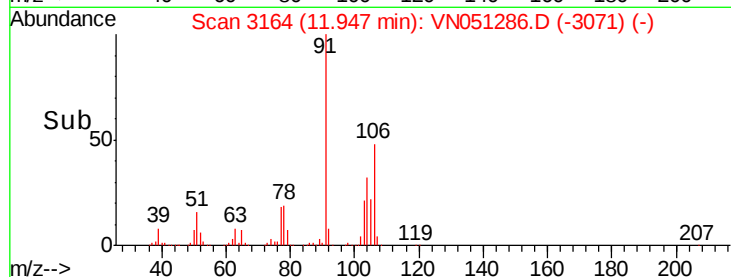
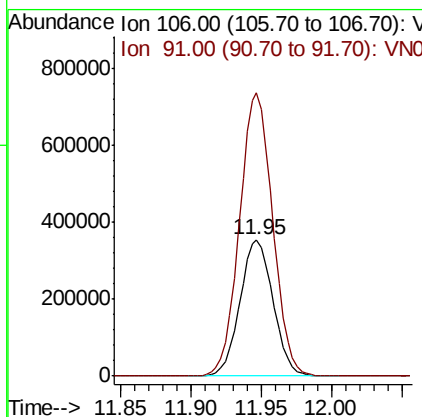
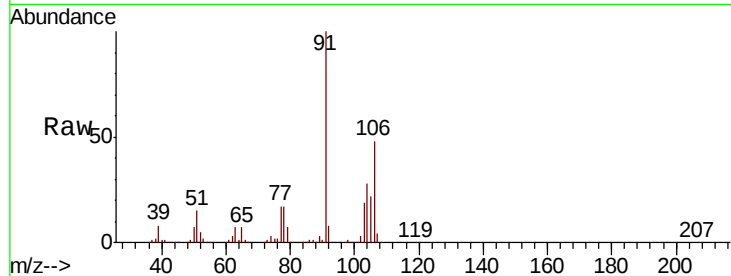
#69
o-Xylene
Concen: 55.079 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tgt Ion:106 Resp: 582408
Ion Ratio Lower Upper
106 100
91 208.0 104.1 312.3

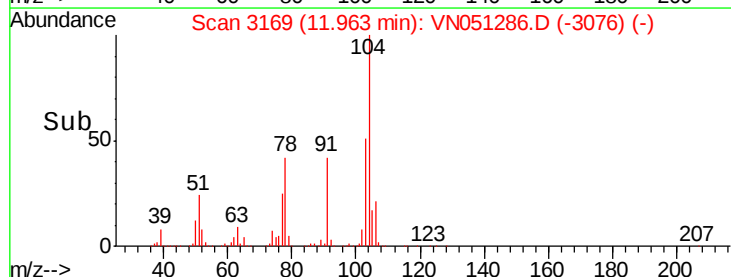
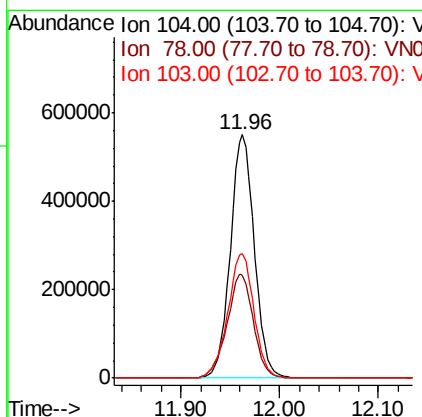
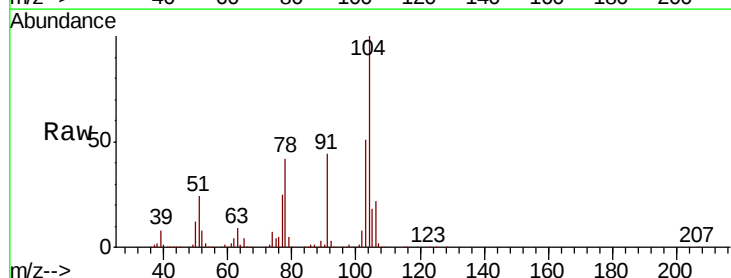
Manual Integrations
APPROVED

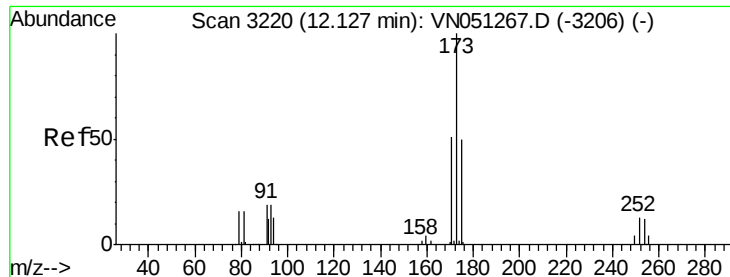
MMDadoda
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#70
Styrene
Concen: 49.943 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Tgt Ion:104 Resp: 934017
Ion Ratio Lower Upper
104 100
78 47.1 38.1 57.1
103 55.7 44.8 67.2





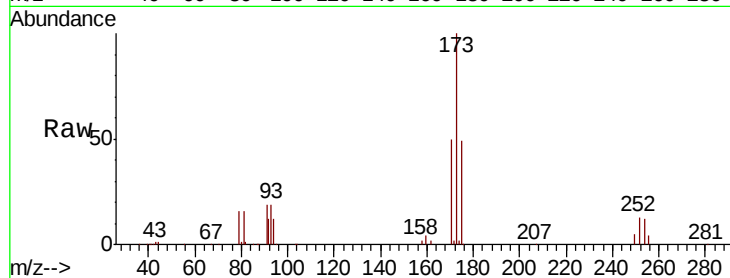
#71
Bromoform
Concen: 50.651 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	227907		
175	49.2	24.4	73.2	
254	0.1	0.1	0.1	

Manual Integrations
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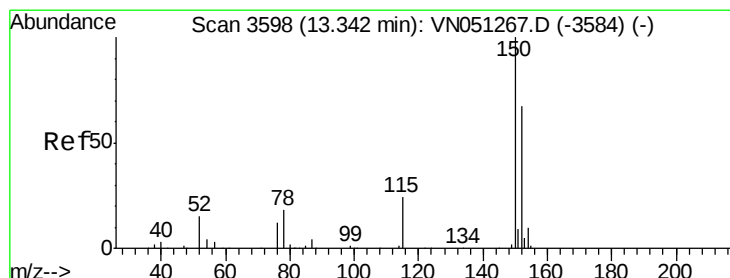
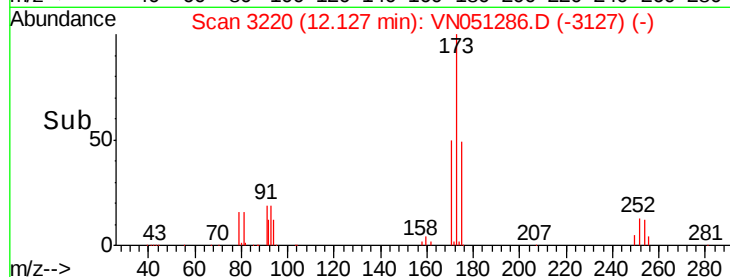
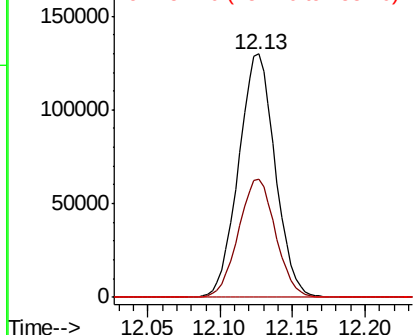


Abundance

Ion 172.70 (172.40 to 173.40): V

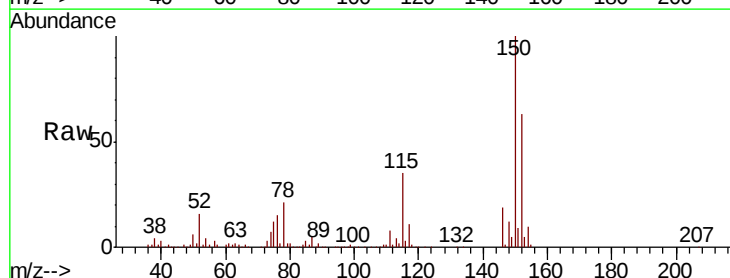
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	371003		
115	55.4	27.1	81.2	
150	174.9	0.0	349.0	

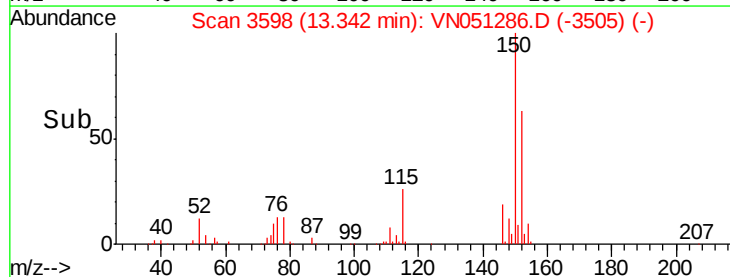
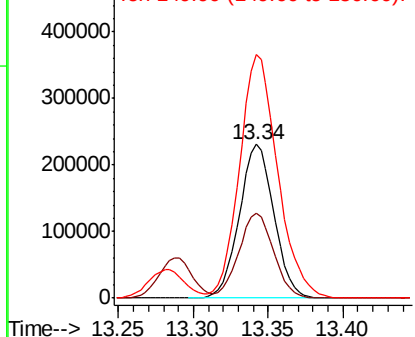


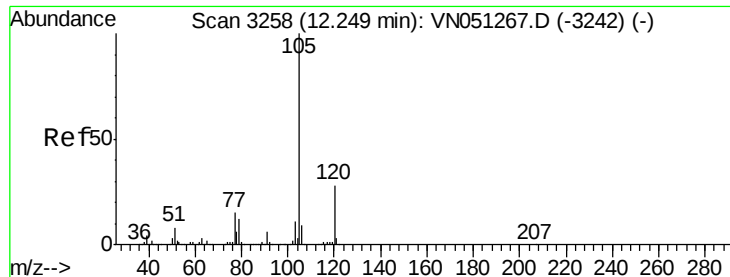
Abundance

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: 49.516 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 1549295

Ion Ratio Lower Upper

105 100

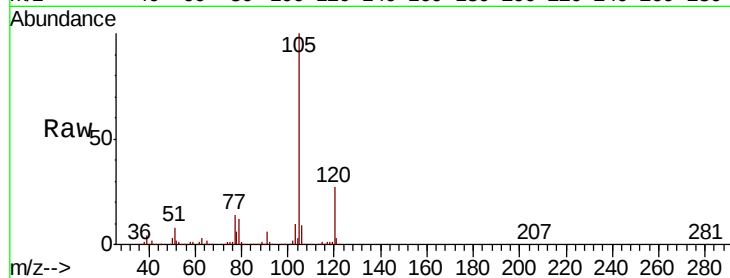
120 27.3 13.8 41.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

1000000

800000

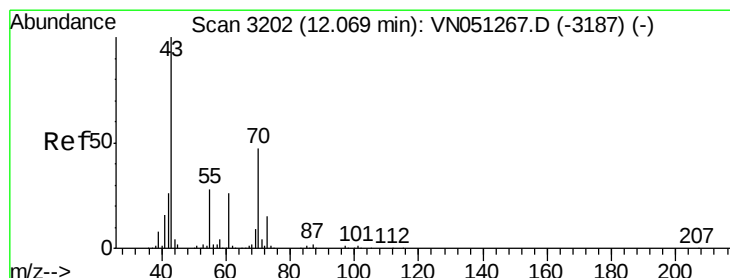
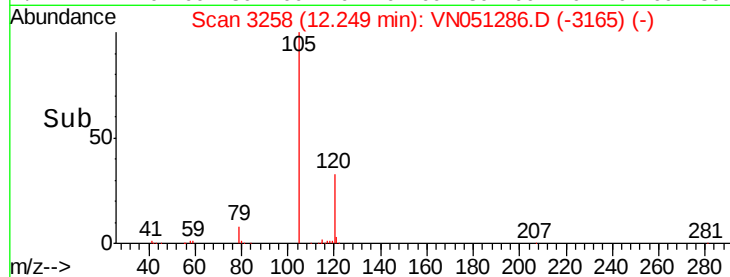
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 46.340 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

Tgt Ion: 43 Resp: 297620

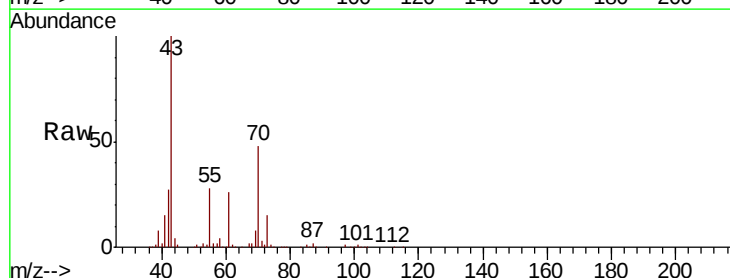
Ion Ratio Lower Upper

43 100

70 47.8 37.8 56.6

55 28.6 22.6 34.0

61 26.0 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

250000

200000

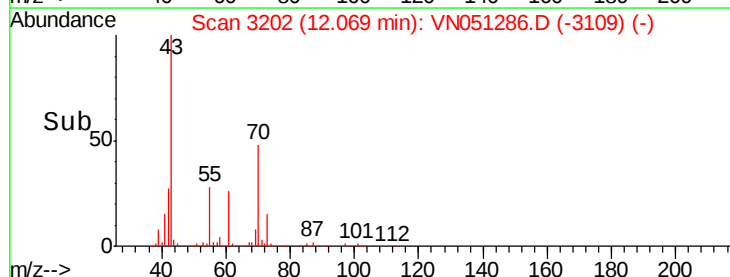
150000

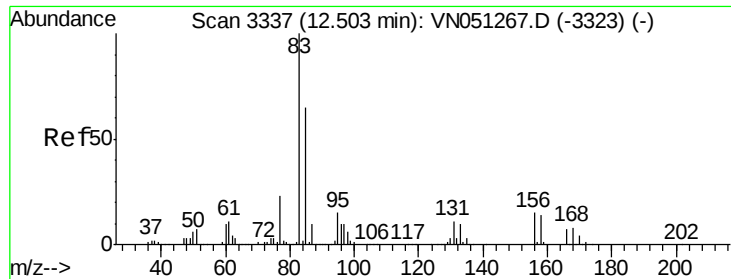
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 48.697 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 318074
Ion Ratio Lower Upper

83 100

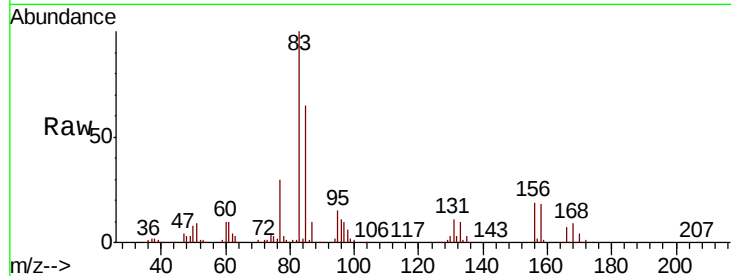
131 11.1 5.5 16.7

85 64.5 32.3 96.9

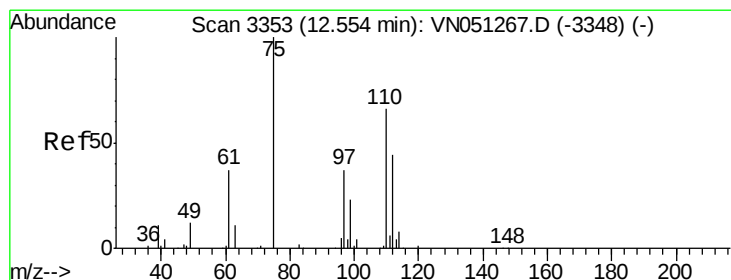
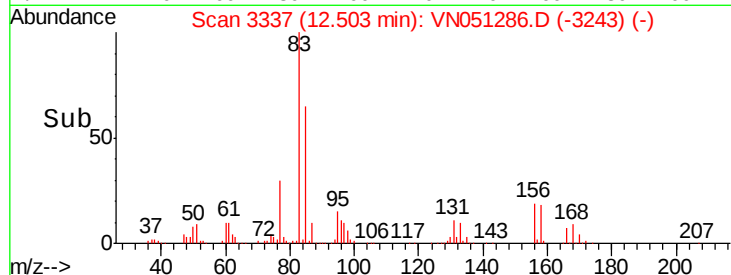
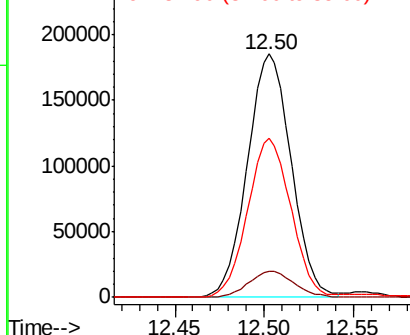
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Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VN



#76

1,2,3-Trichloropropane

Concen: 49.654 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

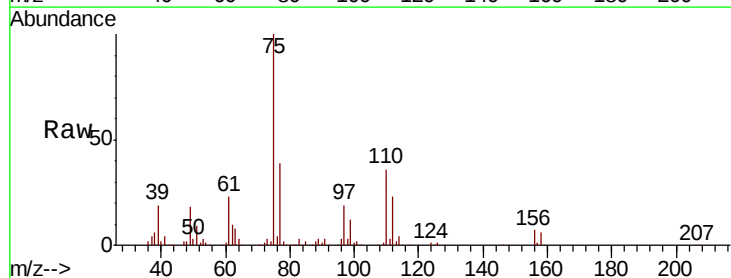
Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

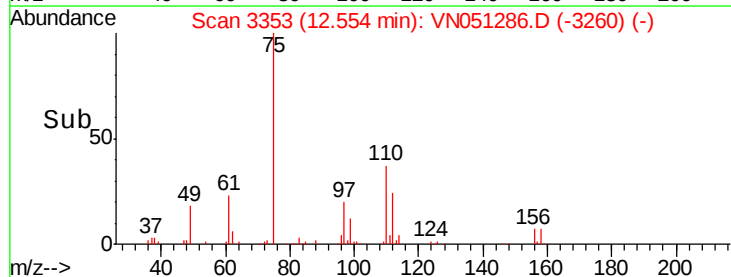
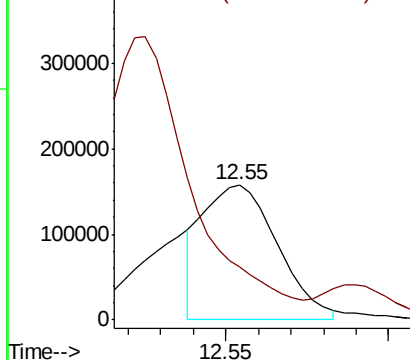
Tgt Ion: 75 Resp: 251916
Ion Ratio Lower Upper

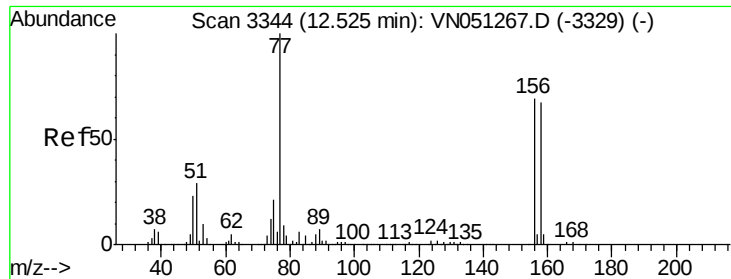
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 77.00 (76.70 to 77.70): VN





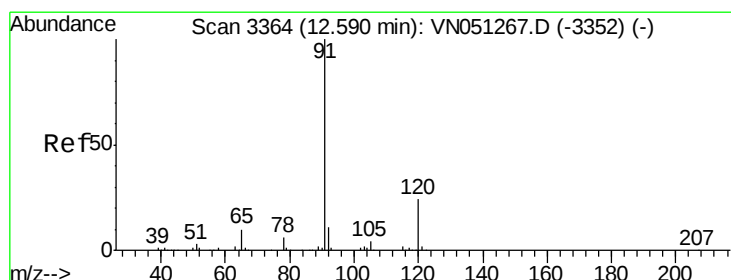
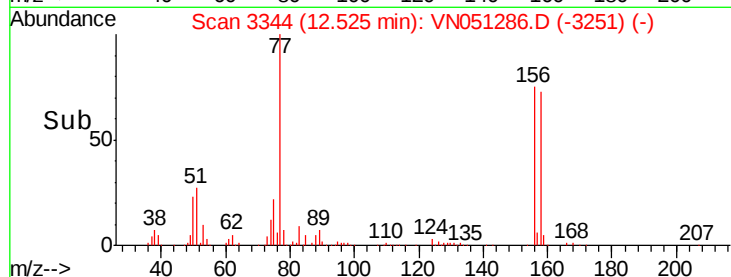
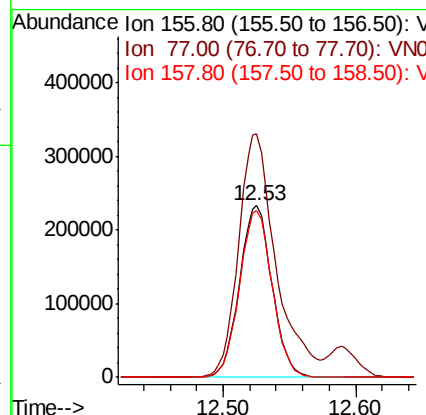
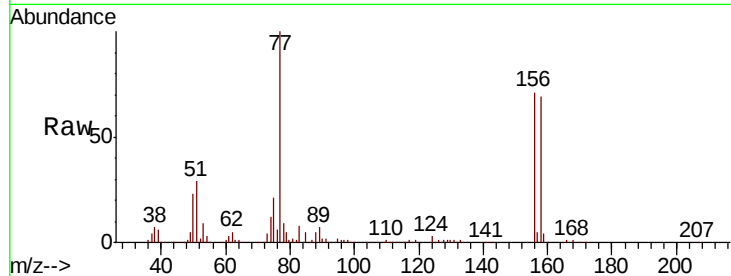
#77
Bromobenzene
Concen: 50.743 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
156	100		
77	163.7	83.7	251.1
158	97.5	49.0	147.2

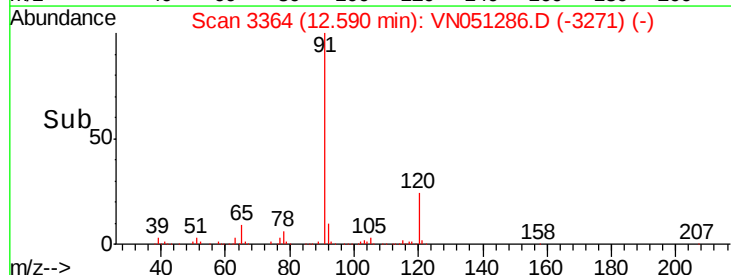
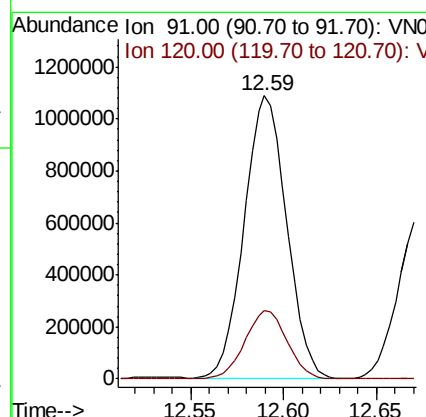
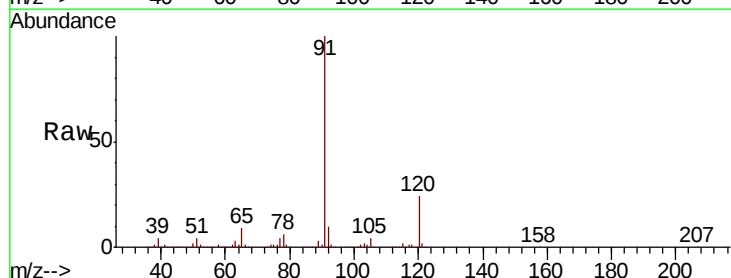
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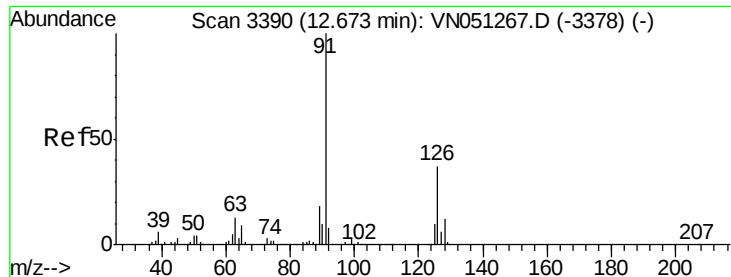
MMDadoda
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#78
n-propylbenzene
Concen: 51.074 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.3	12.1	36.3





#79

2-Chlorotoluene

Concen: 47.530 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 1019585

Ion Ratio Lower Upper

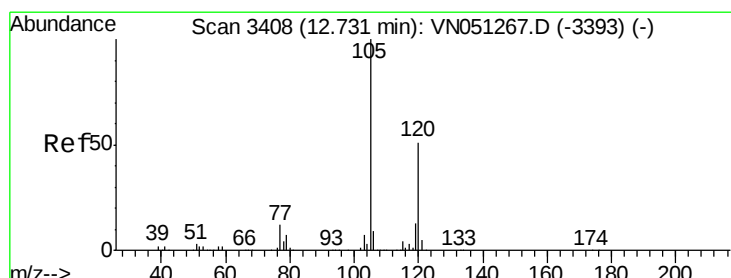
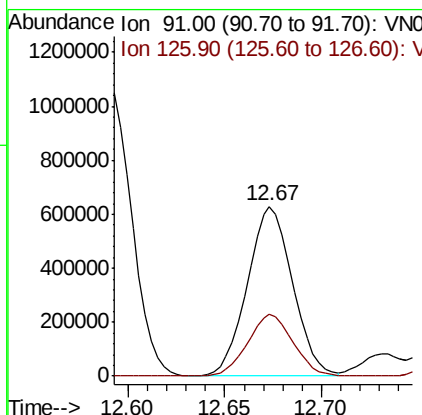
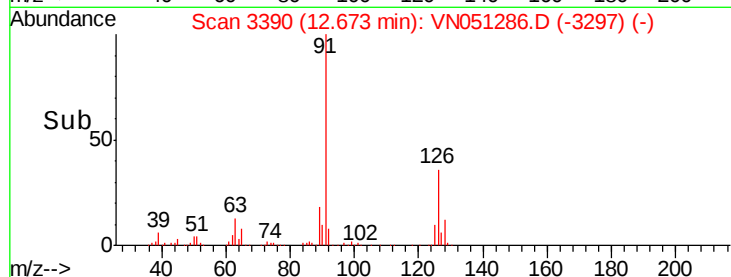
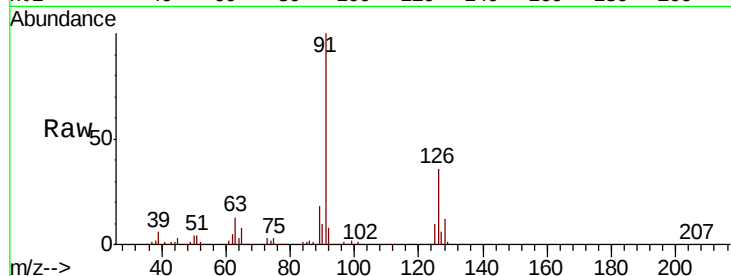
91 100

126 36.6 18.2 54.6

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#80

1,3,5-Trimethylbenzene

Concen: 51.431 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051286.D

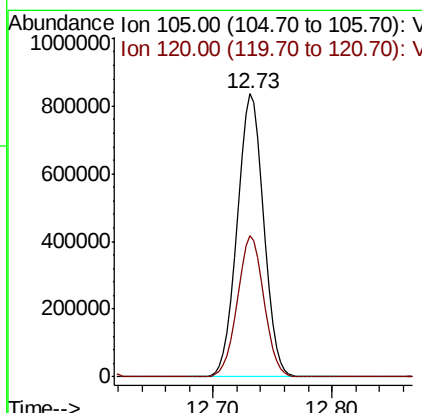
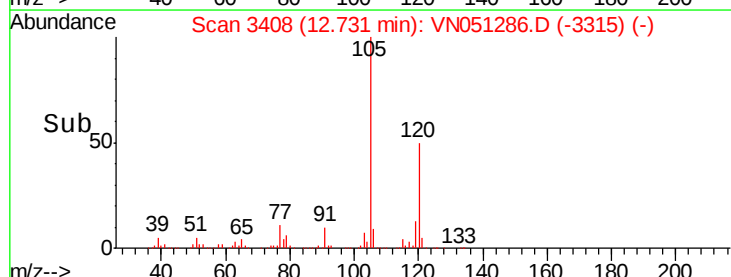
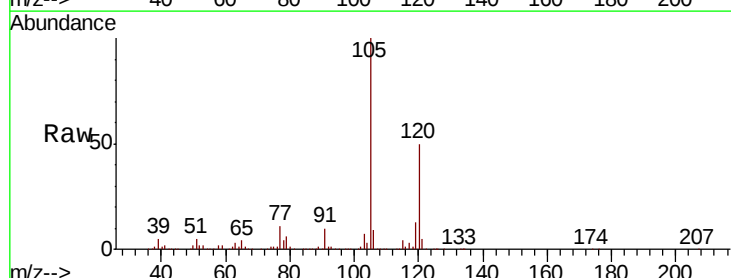
Acq: 18 Sep 2018 8:44

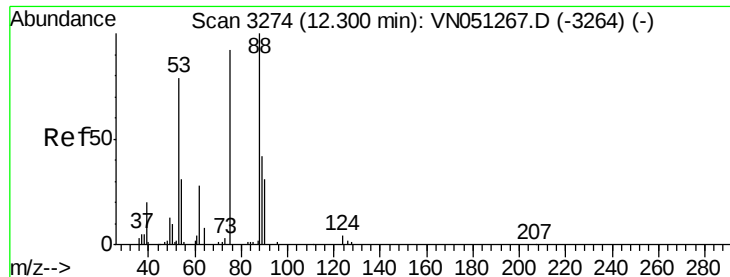
Tgt Ion: 105 Resp: 1286564

Ion Ratio Lower Upper

105 100

120 49.9 25.3 75.8





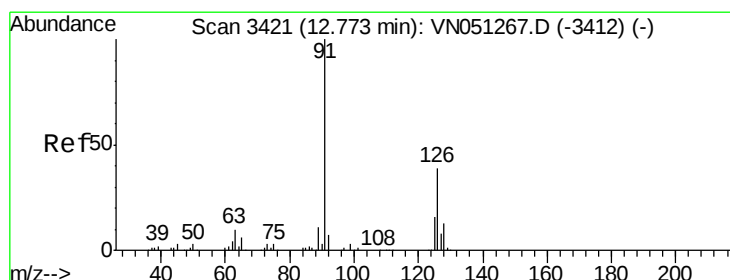
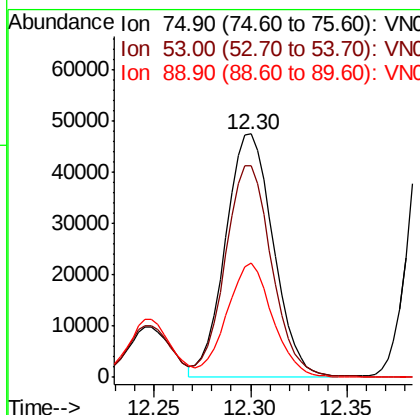
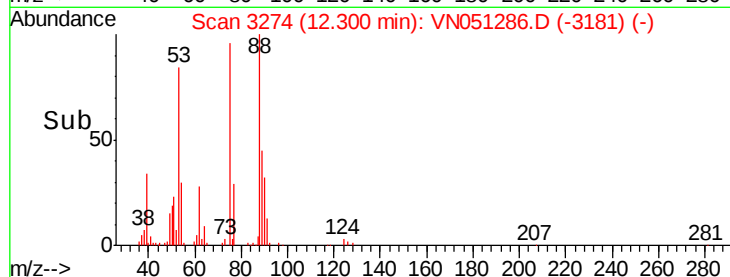
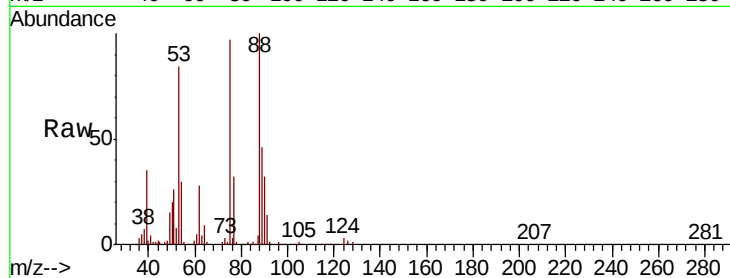
#81
trans-1,4-Dichloro-2-butene
Concen: 49.098 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	85.1	67.7	101.5
89	45.0	36.9	55.3

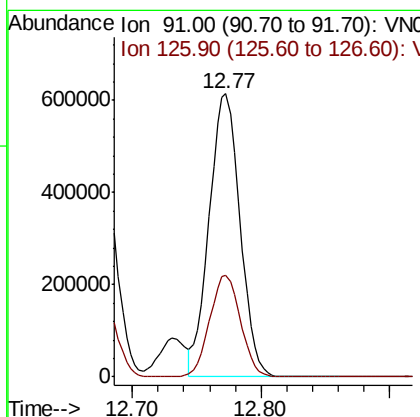
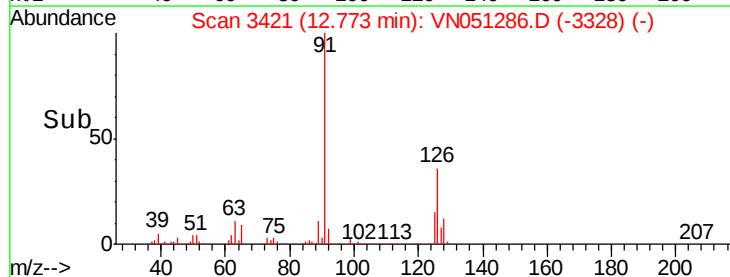
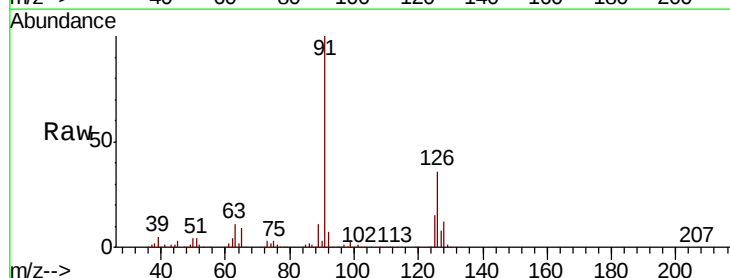
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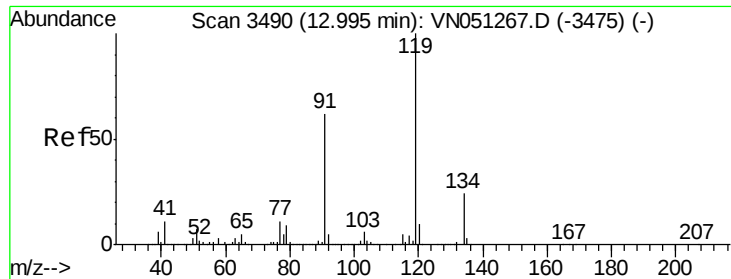
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#82
4-Chlorotoluene
Concen: 49.994 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.0	17.9	53.8





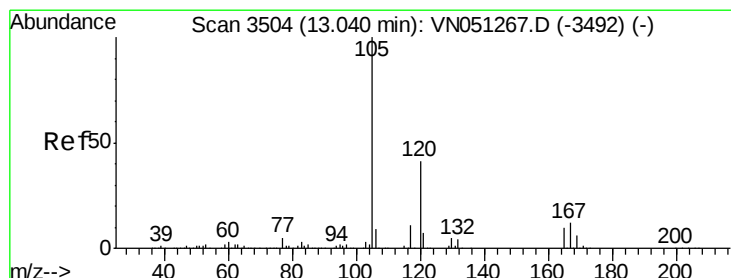
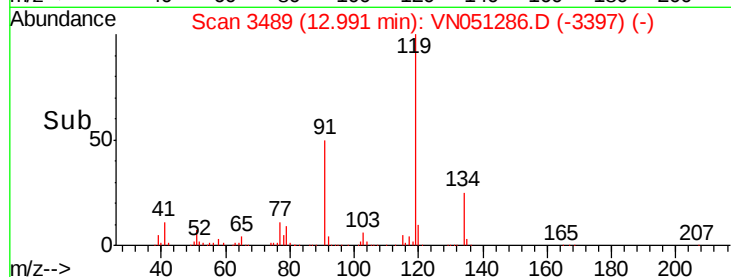
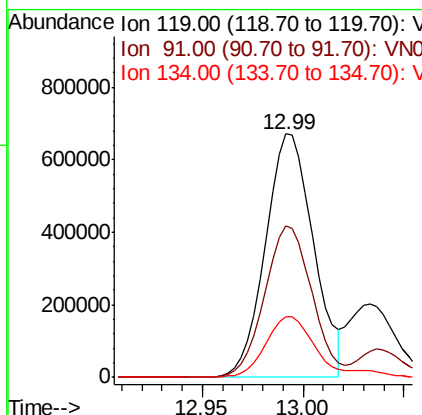
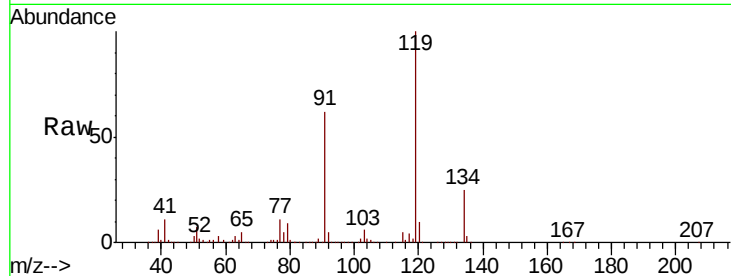
#83
 tert-Butylbenzene
 Concen: 50.121 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN051286.D
 Acq: 18 Sep 2018 8:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:119 Resp: 1107989
 Ion Ratio Lower Upper
 119 100
 91 61.2 30.8 92.4
 134 27.0 12.4 37.0

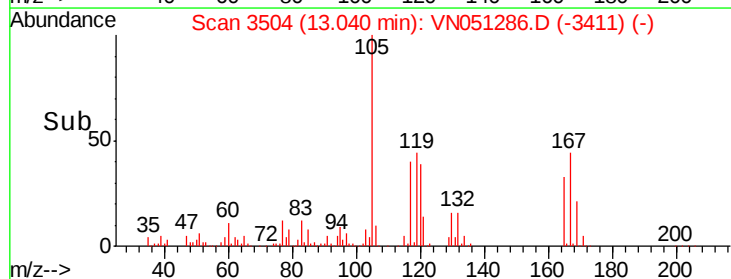
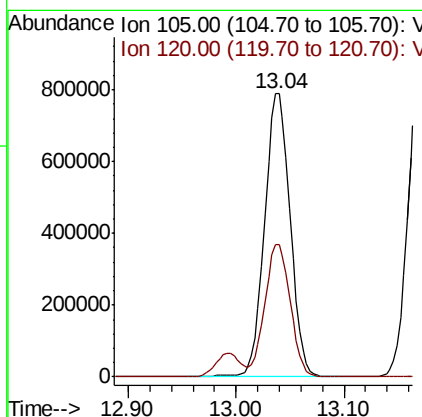
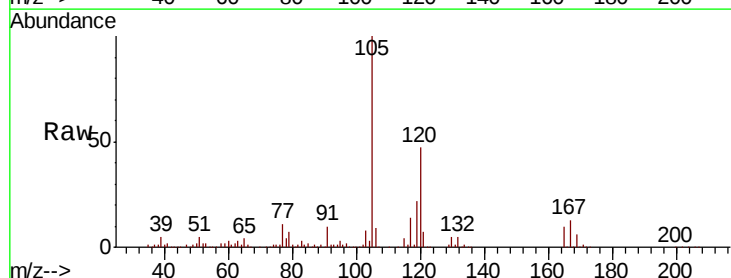
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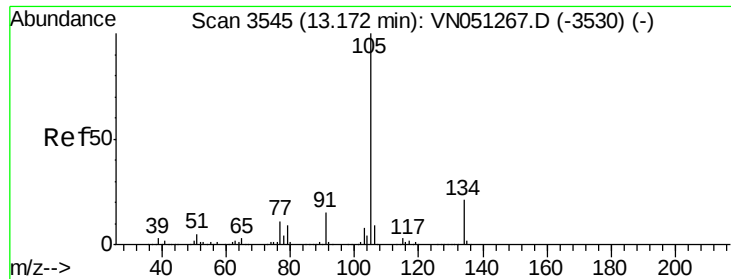
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.343 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051286.D
 Acq: 18 Sep 2018 8:44

Tgt Ion:105 Resp: 1295812
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.5 70.6





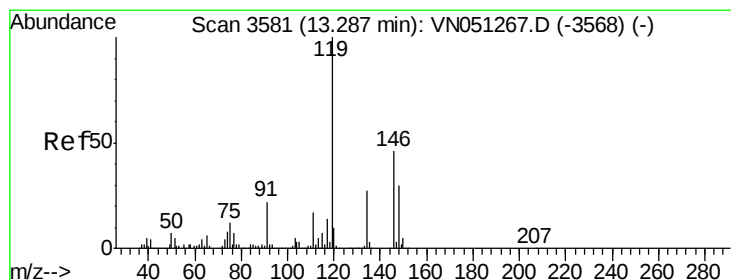
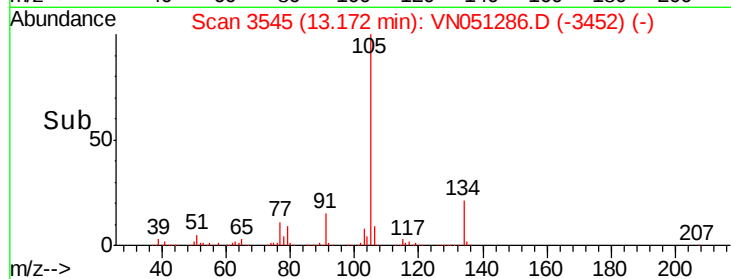
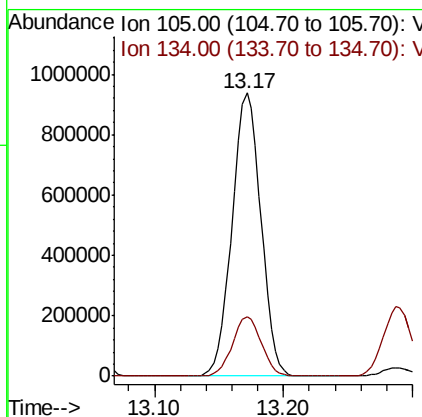
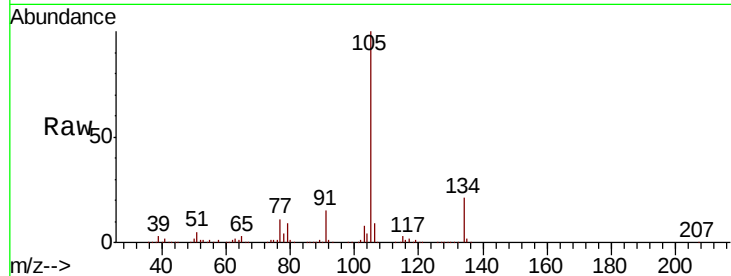
#85
 sec-Butylbenzene
 Concen: 51.671 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN051286.D
 Acq: 18 Sep 2018 8:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 1450489
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.5 31.6

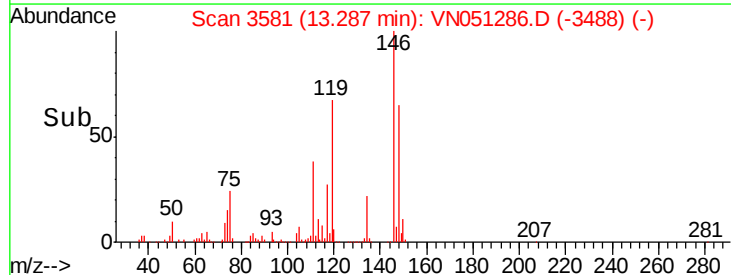
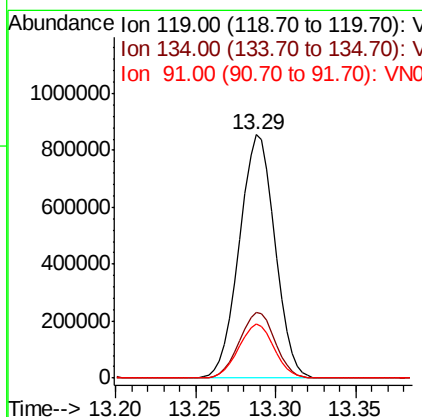
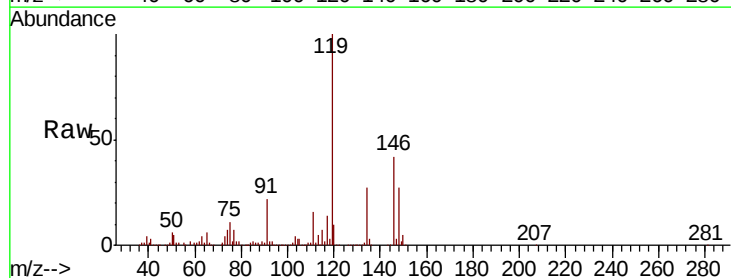
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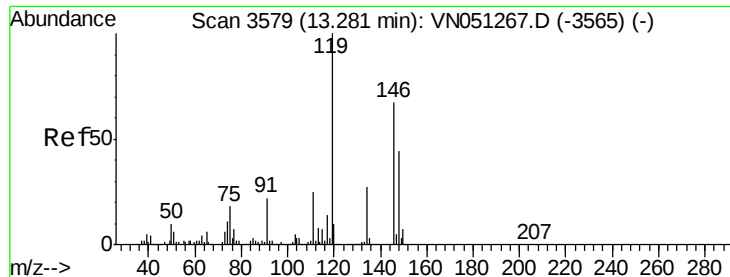
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#86
 p-Isopropyltoluene
 Concen: 55.125 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN051286.D
 Acq: 18 Sep 2018 8:44

Tgt Ion:119 Resp: 1297551
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.5 40.5
 91 22.0 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 49.369 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

Instrument :

MSVOA_N

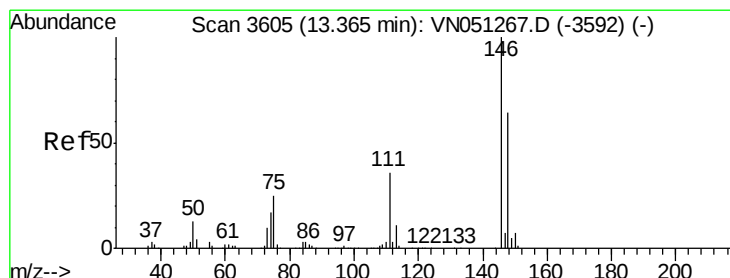
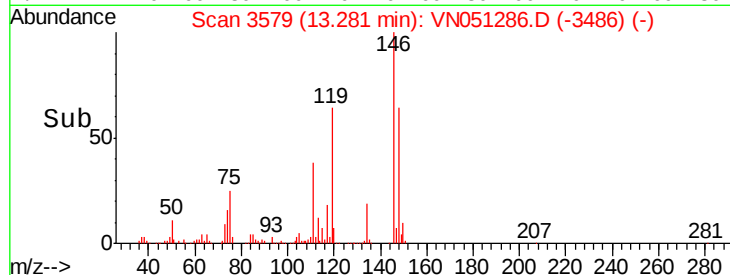
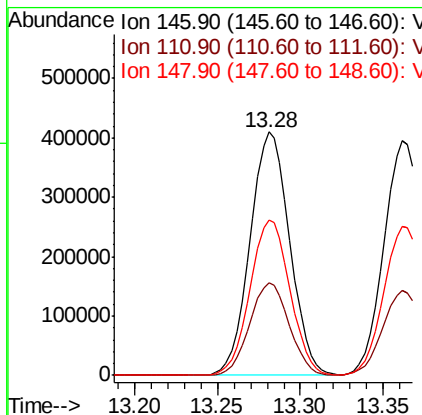
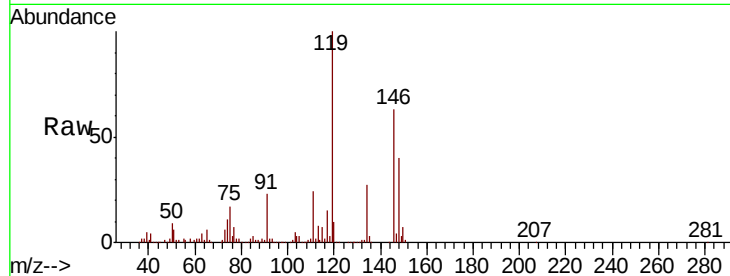
ClientSampleId :

VSTDCCC050

Tgt Ion:	146	Resp:	682360
Ion Ratio	Lower	Upper	
146	100		
111	37.9	18.7	56.1
148	64.4	32.2	96.6

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 49.804 ug/l

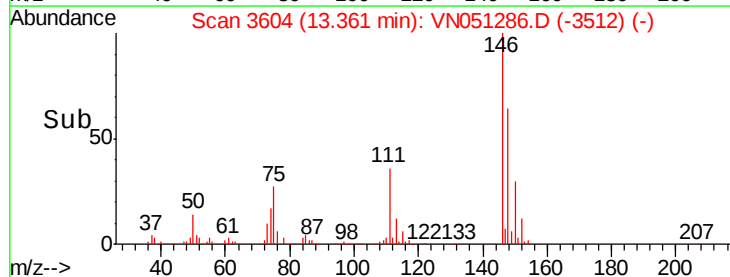
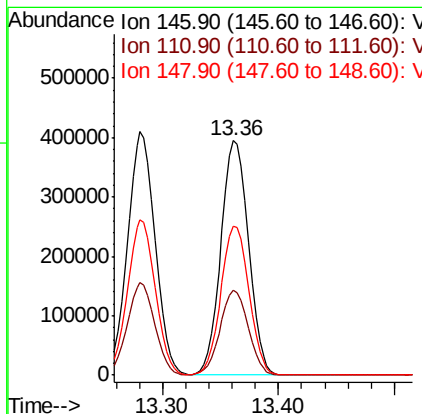
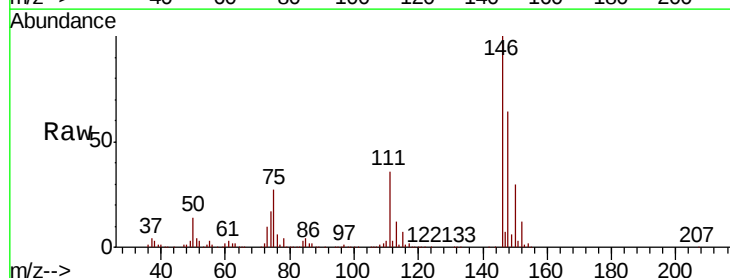
RT: 13.36 min Scan# 3604

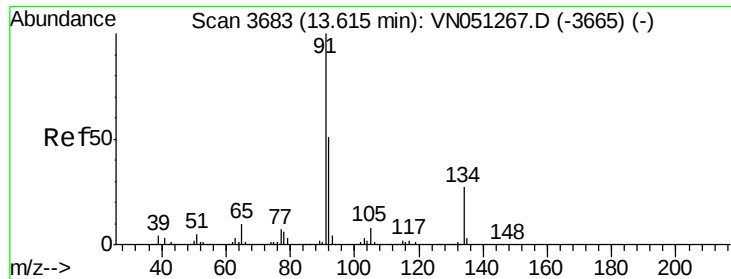
Delta R.T. -0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

Tgt Ion:	146	Resp:	652070
Ion Ratio	Lower	Upper	
146	100		
111	37.0	18.2	54.6
148	64.5	31.9	95.7





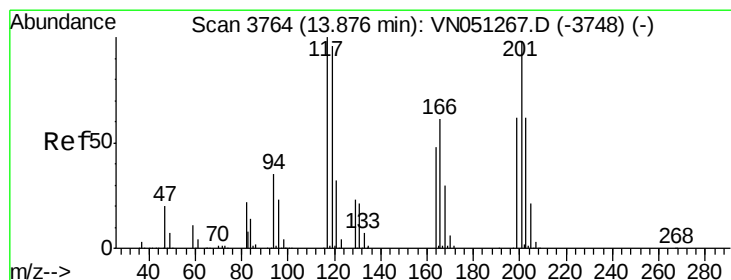
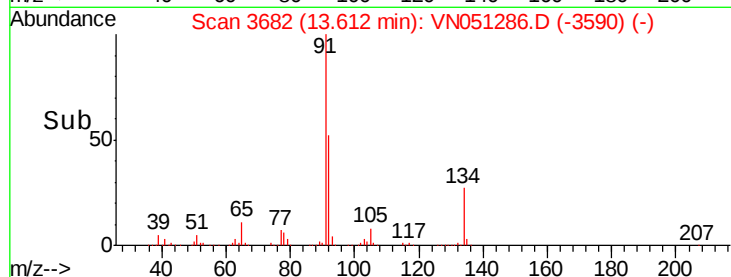
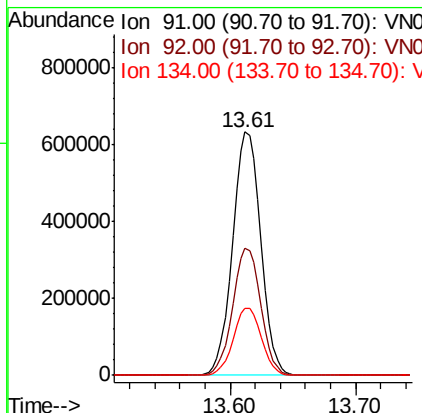
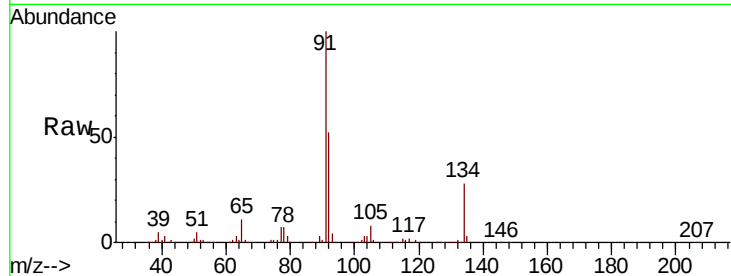
#89
n-Butylbenzene
Concen: 50.900 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.0	25.8	77.4
134	27.7	13.7	41.0

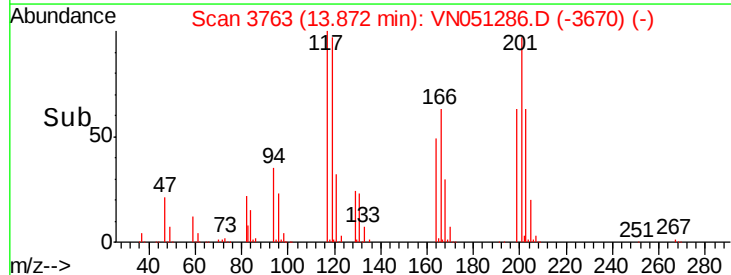
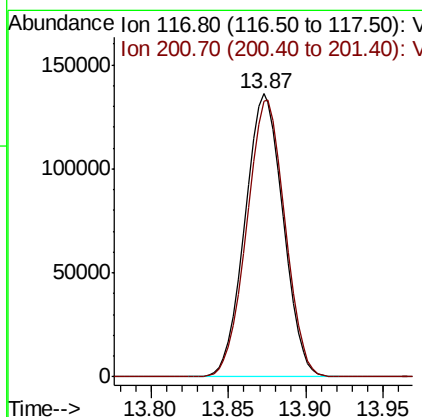
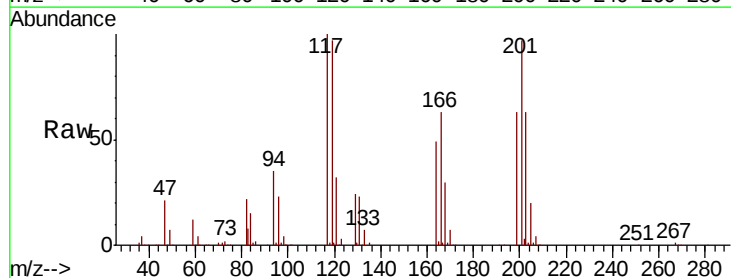
Manual Integrations
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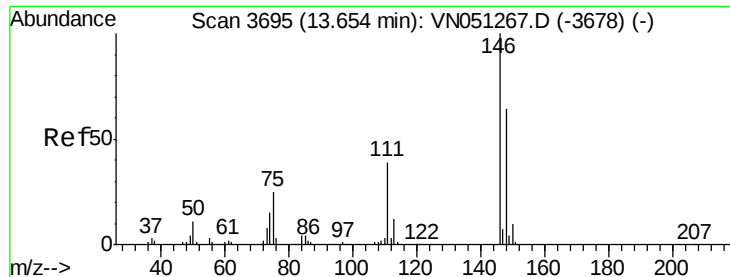
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#90
Hexachloroethane
Concen: 51.091 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	97.8	48.4	145.3





#91

1,2-Dichlorobenzene

Concen: 50.580 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

Instrument :

MSVOA_N

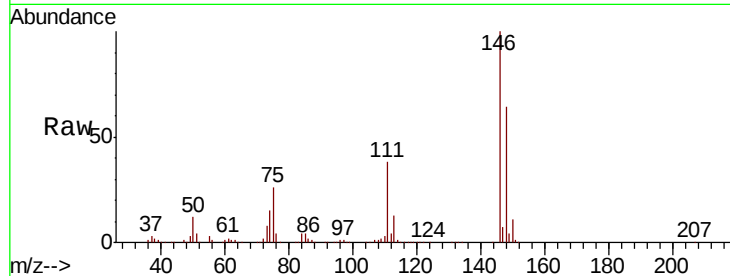
ClientSampleId :

VSTDCCC050

Tgt Ion:	146	Resp:	644439
Ion Ratio	Lower	Upper	
146	100		
111	38.8	19.6	58.7
148	64.1	31.9	95.9

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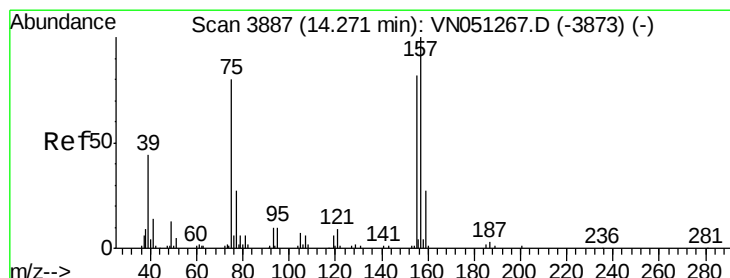
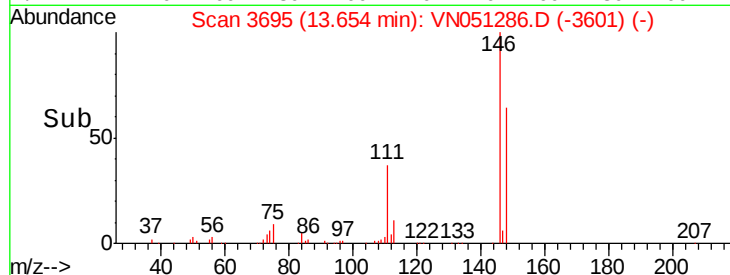
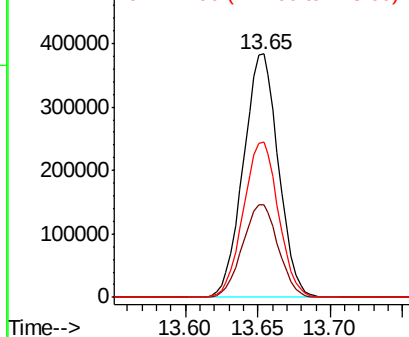


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.751 ug/l

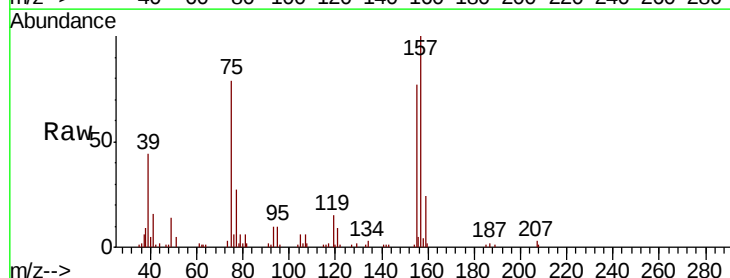
RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

Tgt Ion:	75	Resp:	41739
Ion Ratio	Lower	Upper	
75	100		
155	99.0	50.2	150.7
157	127.6	62.9	188.7

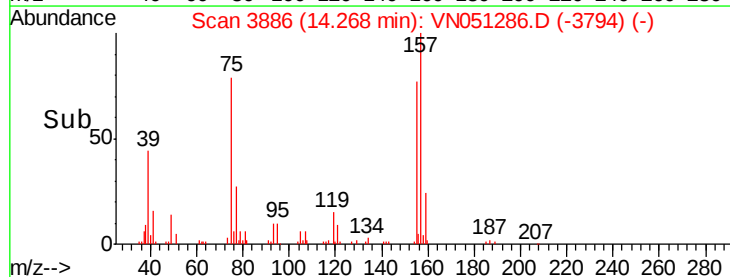
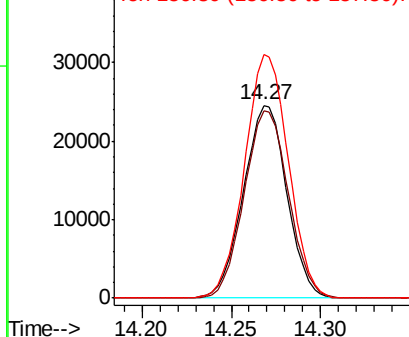


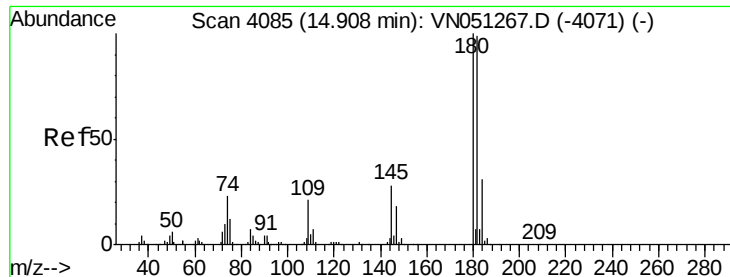
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





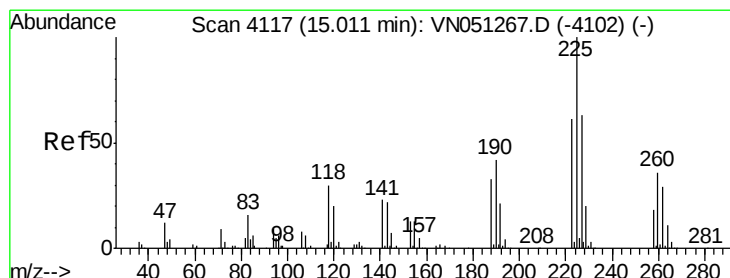
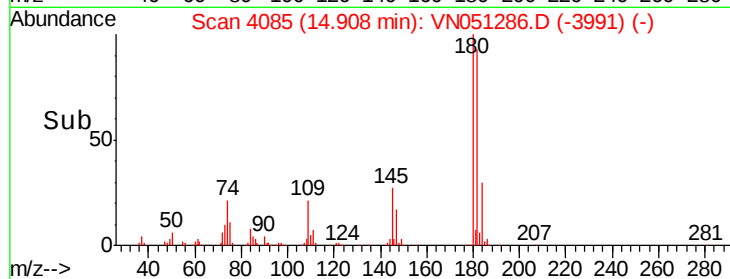
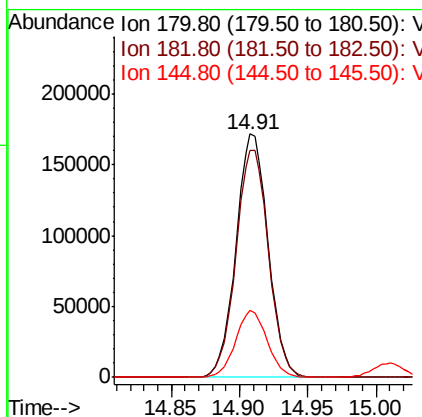
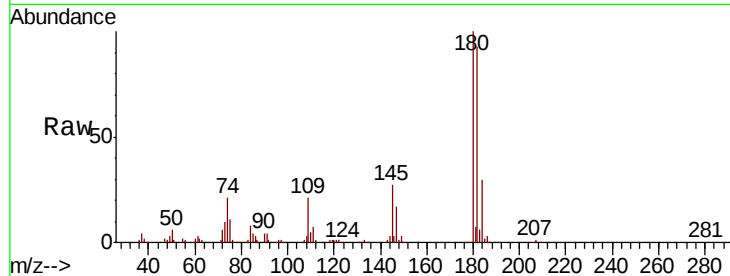
#93
 1,2,4-Trichlorobenzene
 Concen: 45.210 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN051286.D
 Acq: 18 Sep 2018 8:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	279568		
182	94.7	48.5	145.6	
145	27.1	14.0	41.9	

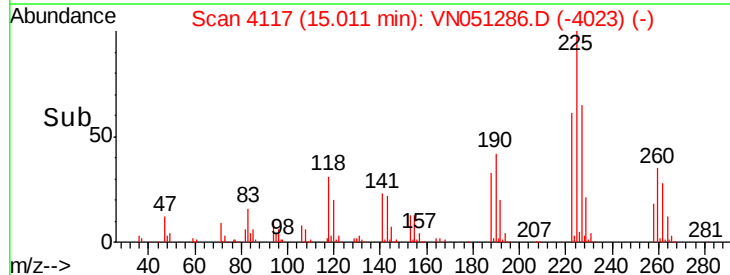
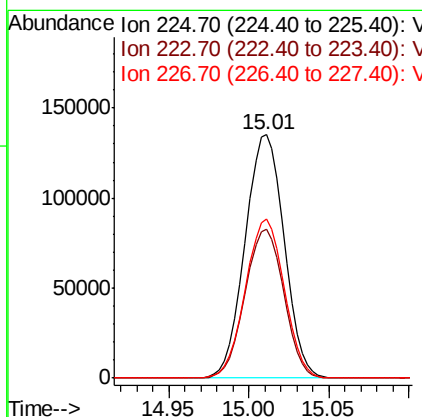
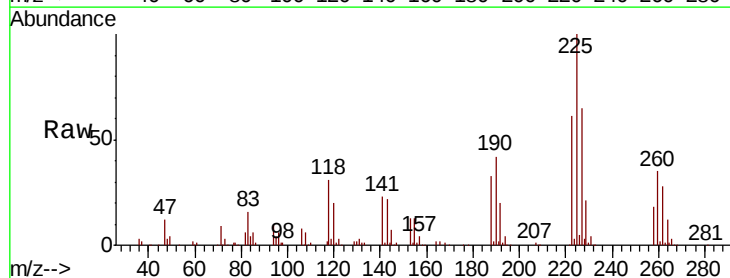
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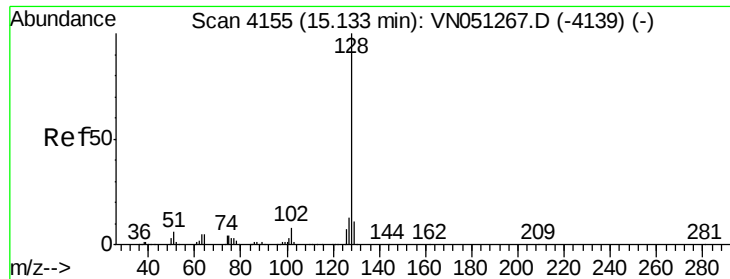
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#94
 Hexachlorobutadiene
 Concen: 53.373 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN051286.D
 Acq: 18 Sep 2018 8:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	225738		
223	60.7	30.8	92.3	
227	65.0	32.1	96.3	





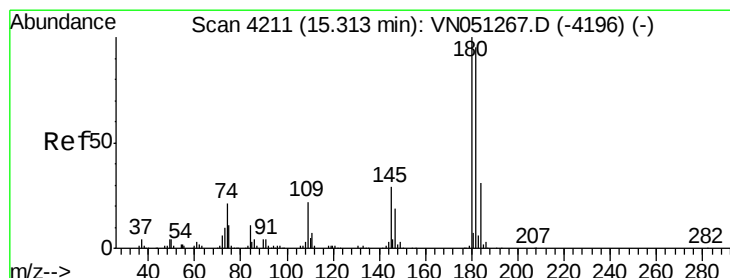
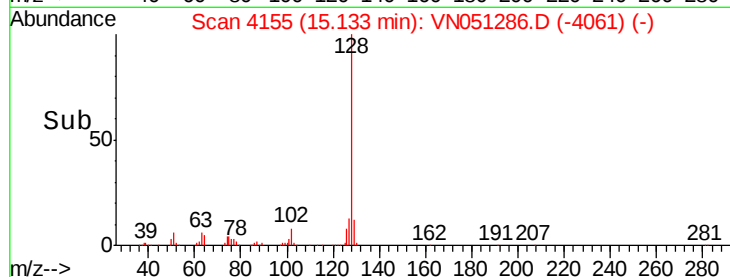
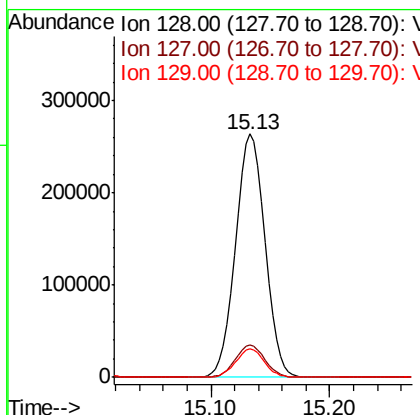
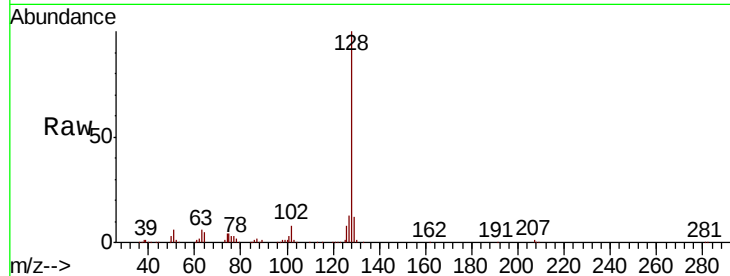
#95
Naphthalene
Concen: 40.346 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	453393		
127	13.2	10.7	16.1	
129	11.3	8.9	13.3	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 45.918 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	269907		
182	94.6	47.5	142.6	
145	28.7	14.8	44.4	

