

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110718\
 Data File : VN052207.D
 Acq On : 7 Nov 2018 15:12
 Operator : MD\SY
 Sample : VN1107WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107WBSD02

Manual Integrations
 APPROVED

MMDadoda
 11/8/2018 9:14:08 AM

Quant Time: Nov 07 15:32:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 05 22:32:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	355177	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	619230	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	557425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	240354	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	227650	54.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.10%	
35) Dibromofluoromethane	7.59	113	199691	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
50) Toluene-d8	10.09	98	760133	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
62) 4-Bromofluorobenzene	12.40	95	250767	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	62719	20.250	ug/l	95
3) Chloromethane	2.06	50	89733	21.466	ug/l	99
4) Vinyl Chloride	2.19	62	84896	21.204	ug/l	96
5) Bromomethane	2.57	94	59099	19.744	ug/l	100
6) Chloroethane	2.71	64	53199	20.781	ug/l	99
7) Trichlorofluoromethane	3.02	101	120709	20.755	ug/l	97
8) Diethyl Ether	3.41	74	44549	21.925	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.77	101	71139	20.469	ug/l	99
10) Methyl Iodide	3.96	142	99343	20.246	ug/l	99
11) Tert butyl alcohol	4.78	59	16173	88.335	ug/l #	79
12) 1,1-Dichloroethene	3.74	96	69211	21.152	ug/l	96
13) Acrolein	3.61	56	13949	98.049	ug/l	84
14) Allyl chloride	4.33	41	111251	20.372	ug/l	92
15) Acrylonitrile	4.99	53	129693	108.203	ug/l	98
16) Acetone	3.82	43	84131	88.169	ug/l	99
17) Carbon Disulfide	4.06	76	183217	19.623	ug/l	97
18) Methyl Acetate	4.33	43	59616	19.661	ug/l	96
19) Methyl tert-butyl Ether	5.05	73	192627	21.392	ug/l	95
20) Methylene Chloride	4.56	84	82408	20.785	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	73667	20.307	ug/l	95
22) Diisopropyl ether	5.95	45	255640	21.339	ug/l	98
23) Vinyl Acetate	5.90	43	883608	111.587	ug/l	99
24) 1,1-Dichloroethane	5.85	63	145981	21.448	ug/l	99
25) 2-Butanone	6.84	43	144985	97.988	ug/l	98
26) 2,2-Dichloropropane	6.83	77	100383	18.845	ug/l	95
27) cis-1,2-Dichloroethene	6.83	96	90686	21.969	ug/l	93
28) Bromochloromethane	7.19	49	74501	23.135	ug/l	97
29) Tetrahydrofuran	7.21	42	97811	106.842	ug/l	99
30) Chloroform	7.37	83	148905	21.955	ug/l	99
31) Cyclohexane	7.65	56	130616	19.545	ug/l #	93
32) 1,1,1-Trichloroethane	7.57	97	124654	20.864	ug/l	99
36) 1,1-Dichloropropene	7.79	75	106640	19.467	ug/l	97
37) Ethyl Acetate	6.93	43	69983	20.702	ug/l	98
38) Carbon Tetrachloride	7.77	117	108637	19.836	ug/l	98

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Manual Integrations
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Quant Time: Nov 07 15:32:30 2018
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 Quant Title : SW846 8260
 QLast Update : Mon Nov 05 22:32:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	123902	19.098	ug/l	97
40) Benzene	8.04	78	333391	20.703	ug/l	99
41) Methacrylonitrile	7.18	41	40445	22.173	ug/l #	91
42) 1,2-Dichloroethane	8.12	62	105600	20.399	ug/l	99
43) Isopropyl Acetate	8.16	43	128365	20.537	ug/l #	90
44) Trichloroethene	8.84	130	87849	20.605	ug/l	96
45) 1,2-Dichloropropane	9.12	63	90180	21.146	ug/l	94
46) Dibromomethane	9.21	93	54051	19.929	ug/l	99
47) Bromodichloromethane	9.40	83	110819	20.951	ug/l	95
48) Methyl methacrylate	9.20	41	63201	21.009	ug/l	97
49) 1,4-Dioxane	9.20	88	9916	377.942	ug/l	92
51) 4-Methyl-2-Pentanone	9.99	43	348674	105.593	ug/l	100
52) Toluene	10.16	92	208078	21.428	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	103540	19.954	ug/l	95
54) cis-1,3-Dichloropropene	9.84	75	124880	20.566	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	74565	21.779	ug/l	97
56) Ethyl methacrylate	10.43	69	91921	20.598	ug/l	98
57) 1,3-Dichloropropane	10.71	76	125783	20.854	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	257799	107.342	ug/l	98
59) 2-Hexanone	10.75	43	227958	99.171	ug/l	100
60) Dibromochloromethane	10.90	129	78582	20.183	ug/l	98
61) 1,2-Dibromoethane	11.00	107	71267	20.506	ug/l	99
64) Tetrachloroethene	10.63	164	74746	20.698	ug/l	97
65) Chlorobenzene	11.43	112	230025	20.246	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	80031	20.975	ug/l	98
67) Ethyl Benzene	11.51	91	388520	20.588	ug/l	99
68) m/p-Xylenes	11.62	106	295073	40.524	ug/l	98
69) o-Xylene	11.95	106	142196	20.137	ug/l	97
70) Styrene	11.96	104	230747	20.642	ug/l	99
71) Bromoform	12.13	173	44637	19.359	ug/l #	96
73) Isopropylbenzene	12.25	105	383006	21.075	ug/l	98
74) N-amyl acetate	12.07	43	116851	21.668	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	85750	21.557	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	64903m	17.159	ug/l	
77) Bromobenzene	12.53	156	88471	20.415	ug/l	96
78) n-propylbenzene	12.59	91	433755	20.885	ug/l	99
79) 2-Chlorotoluene	12.67	91	253900	20.847	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	308040	20.941	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	20761	19.653	ug/l	97
82) 4-Chlorotoluene	12.77	91	253348	20.696	ug/l	99
83) tert-Butylbenzene	12.99	119	272994	21.017	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	309227	21.118	ug/l	100
85) sec-Butylbenzene	13.17	105	364039	20.727	ug/l	99
86) p-Isopropyltoluene	13.29	119	309834	20.959	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	157528	20.570	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	156361	20.427	ug/l	98
89) n-Butylbenzene	13.61	91	256536	20.041	ug/l	98
90) Hexachloroethane	13.87	117	51158	20.534	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	156448	21.768	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	10841	20.645	ug/l	99

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Manual Integrations
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QLast Update : Mon Nov 05 22:32:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	63850	20.231	ug/l	100
94) Hexachlorobutadiene	15.01	225	36235	21.258	ug/l	96
95) Naphthalene	15.13	128	151294	20.556	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	56387	20.379	ug/l	98

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

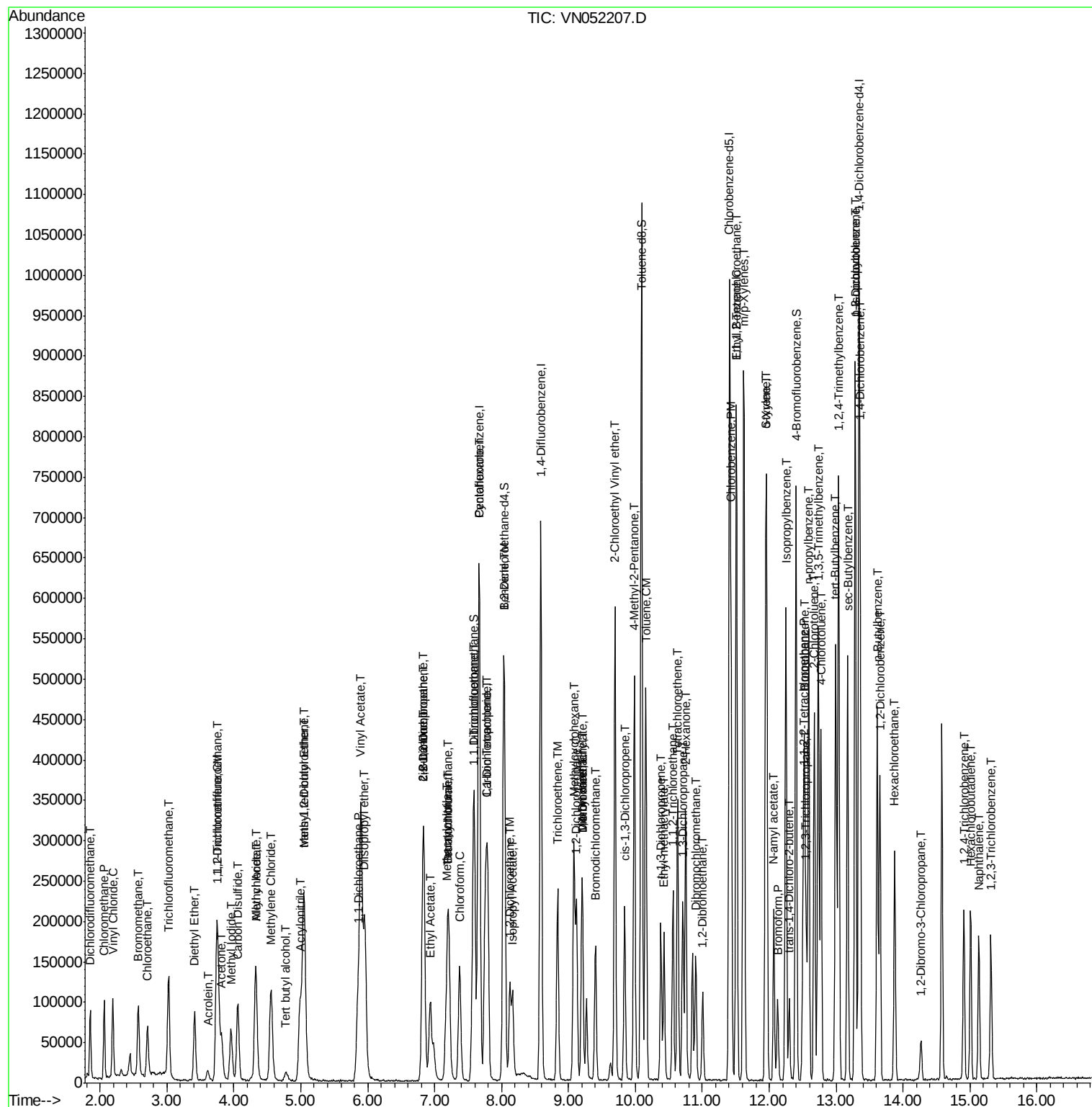
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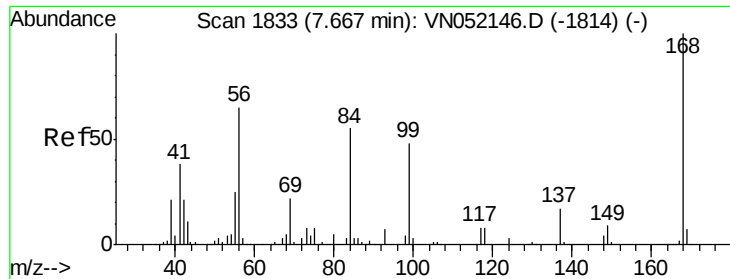
Instrument :
 MSVOA_N
 Client Sample Id :
 VN1107WBSD02

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052207.D

Acq: 7 Nov 2018 15:12

Instrument :

MSVOA_N

ClientSampleId :

VN1107WBSD02

Tot Ion:168 Resp: 355177

Ion Ratio Lower Upper

168 100

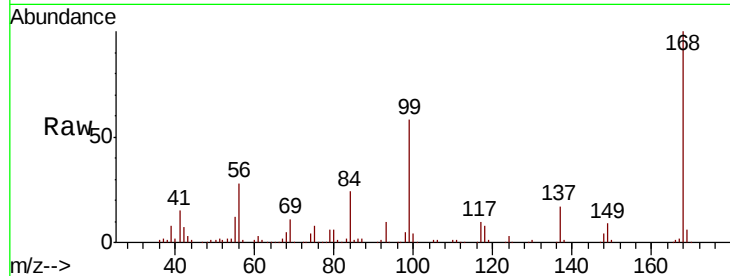
99 58.1 45.4 68.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

150000

100000

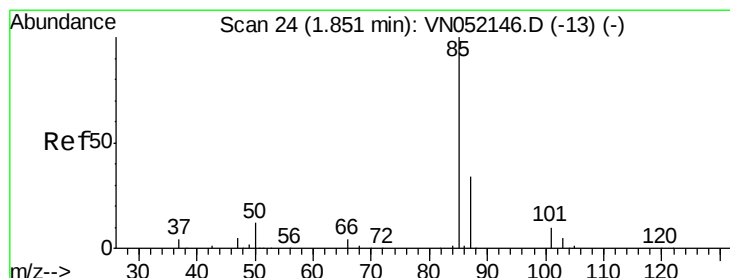
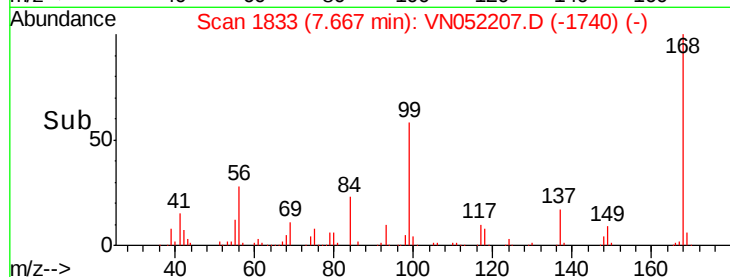
50000

0

7.55 7.60 7.65 7.70 7.75

7.67

Time-->



#2

Dichlorodifluoromethane

Concen: 20.250 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN052207.D

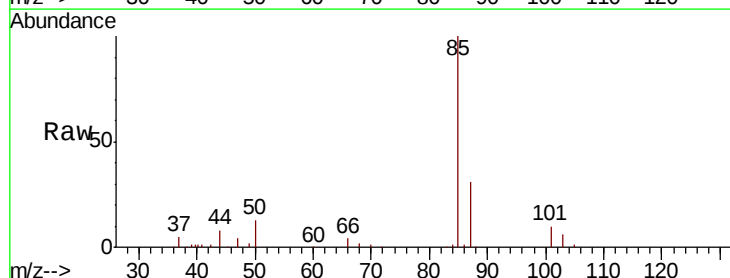
Acq: 7 Nov 2018 15:12

Tgt Ion: 85 Resp: 62719

Ion Ratio Lower Upper

85 100

87 31.1 17.0 51.0



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

50000

40000

30000

20000

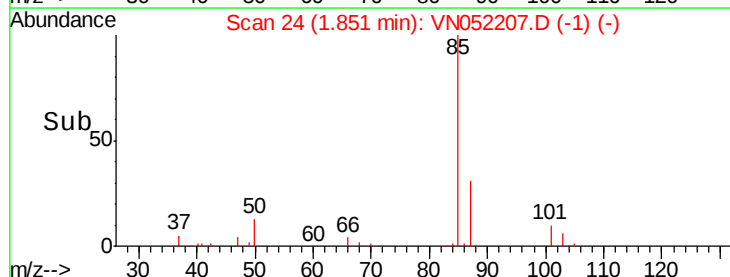
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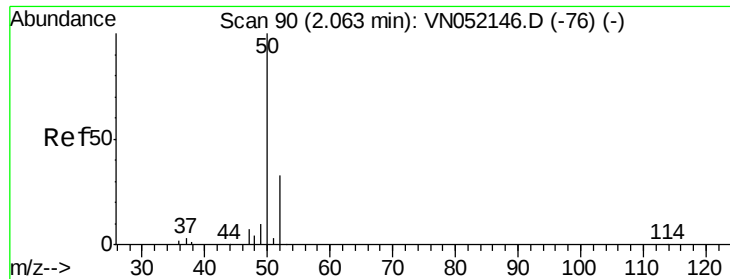
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1.80 1.85 1.90

1.85

Time-->





#3

Chloromethane

Concen: 21.466 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN052207.D

Acq: 7 Nov 2018 15:12

Instrument :

MSVOA_N

ClientSampleId :

VN1107WBSD02

Tot Ion: 50 Resp: 89733

Ion Ratio Lower Upper

50 100

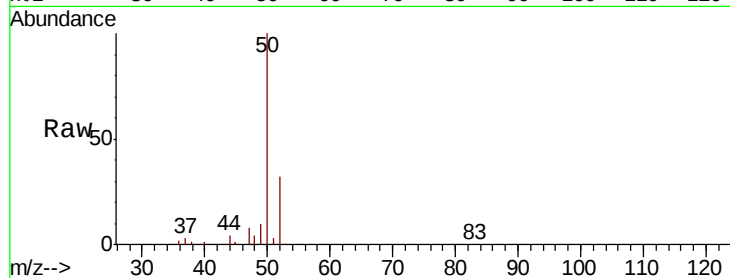
52 32.2 26.2 39.4

Manual Integrations

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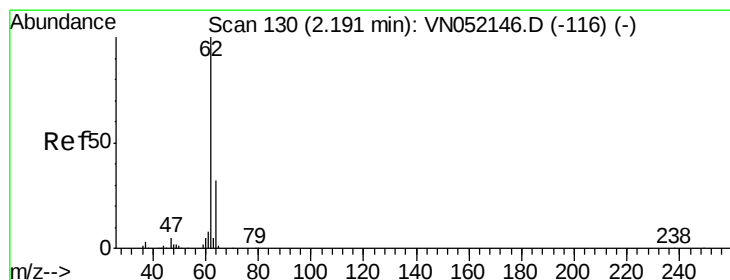
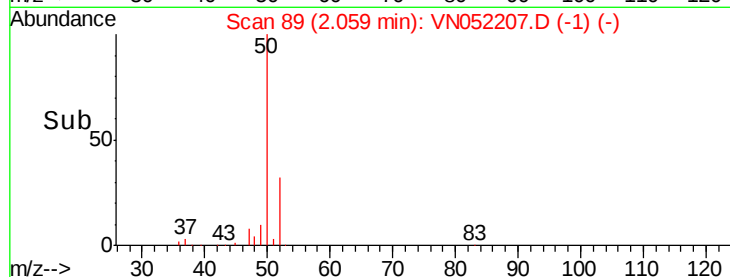
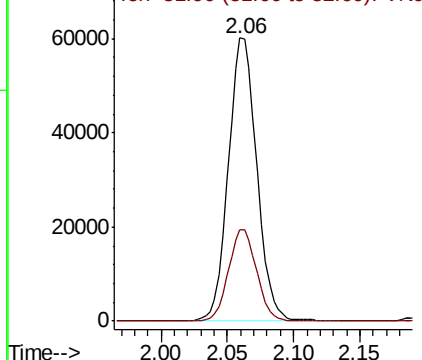
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 21.204 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN052207.D

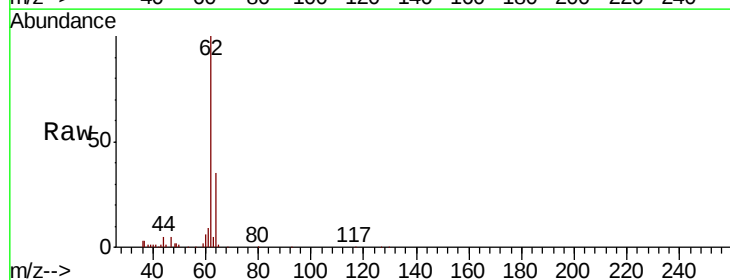
Acq: 7 Nov 2018 15:12

Tgt Ion: 62 Resp: 84896

Ion Ratio Lower Upper

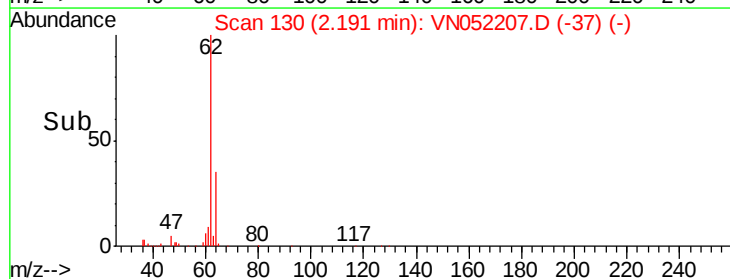
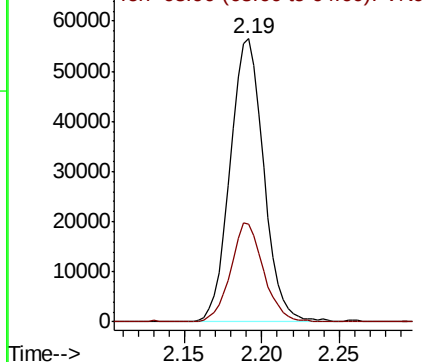
62 100

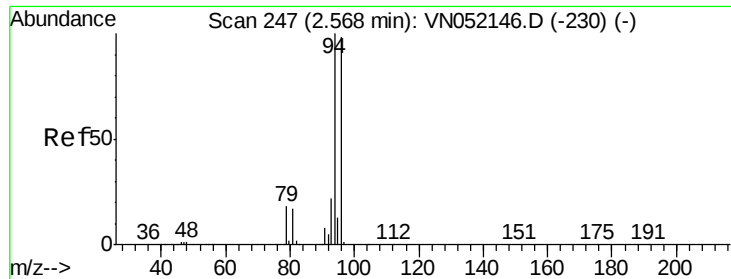
64 34.4 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 19.744 ug/l

RT: 2.57 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN052207.D

Acq: 7 Nov 2018 15:12

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VN1107WBSD02

Tot Ion: 94 Resp: 59099

Ion Ratio Lower Upper

94 100

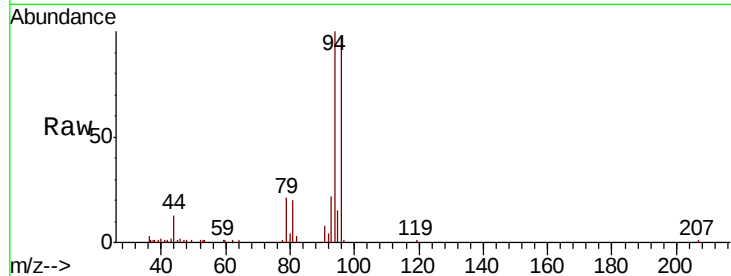
96 97.4 78.3 117.5

Manual Integrations

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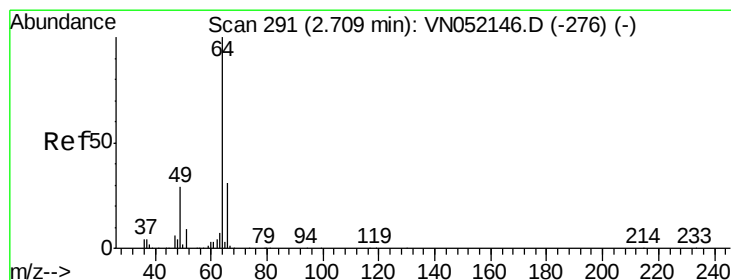
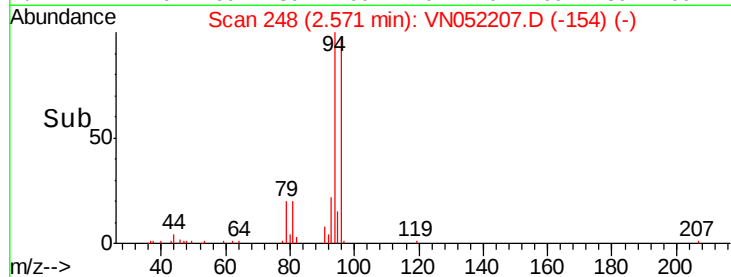
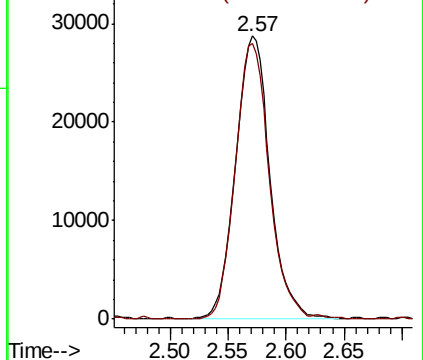
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 20.781 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN052207.D

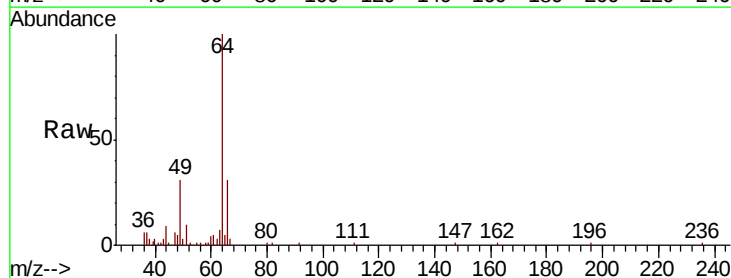
Acq: 7 Nov 2018 15:12

Tgt Ion: 64 Resp: 53199

Ion Ratio Lower Upper

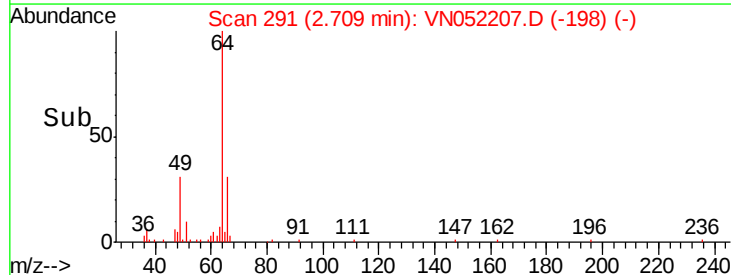
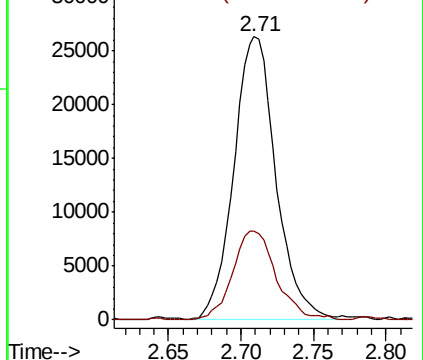
64 100

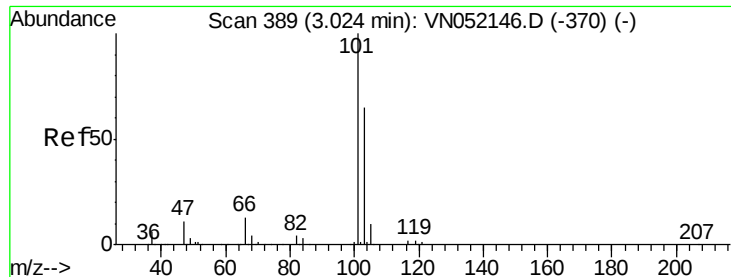
66 31.3 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

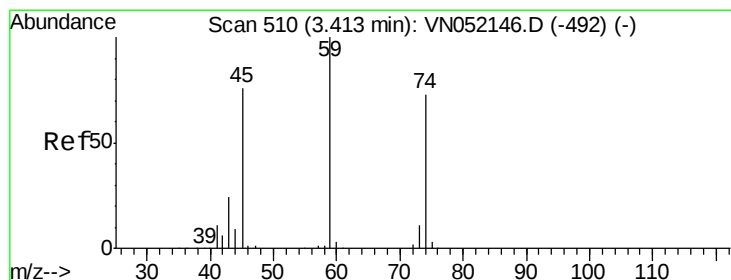
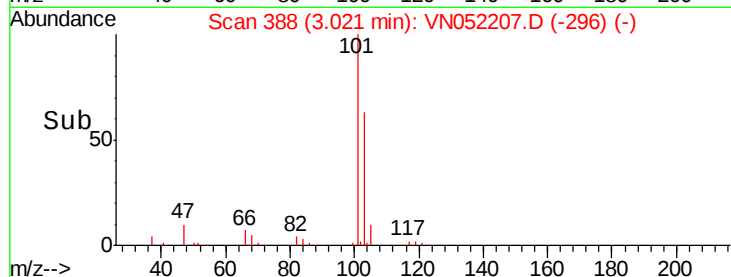
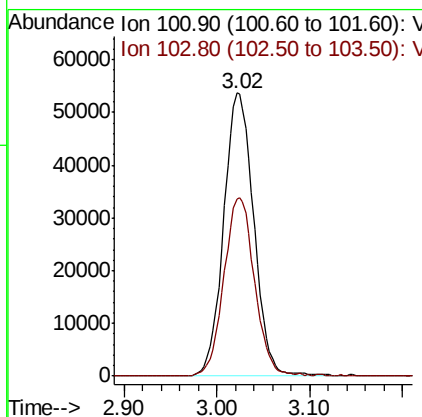
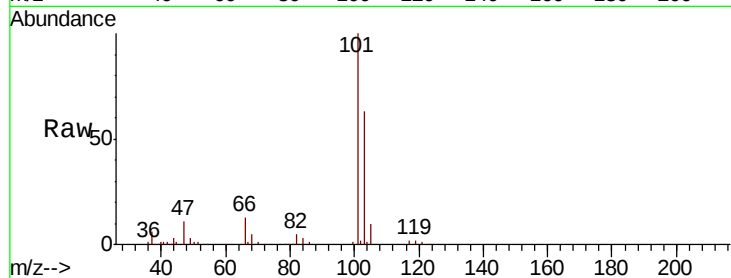
Trichlorofluoromethane
 Concen: 20.755 ug/l
 RT: 3.02 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN052207.D
 Acq: 7 Nov 2018 15:12

Instrument :
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 VN1107WBSD02

Tot Ion	Ion	Ratio	Lower	Upper
101	100			
103	62.8	52.2	78.4	

Manual Integrations
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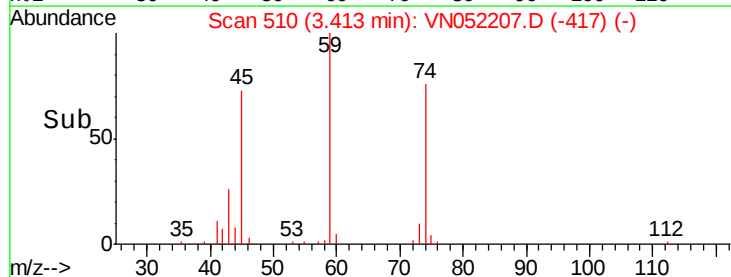
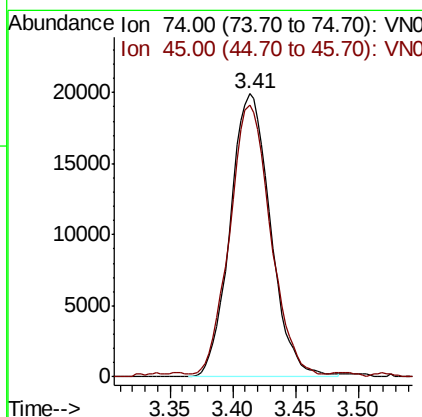
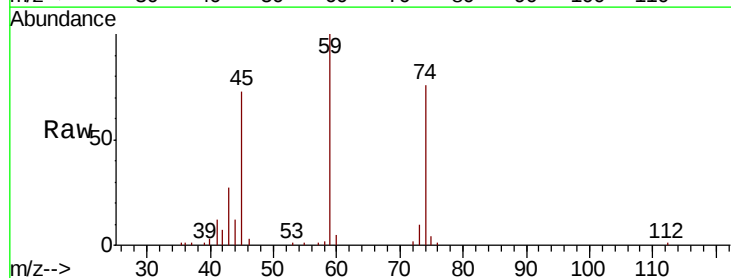
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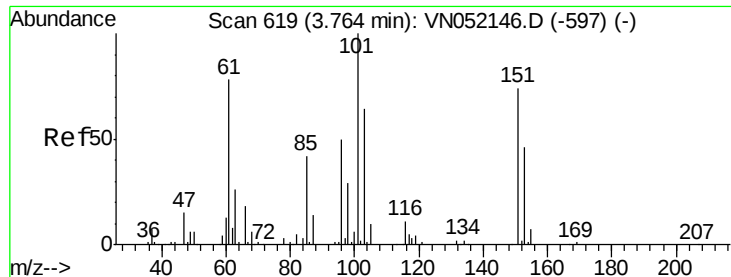


#8

Diethyl Ether
 Concen: 21.925 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN052207.D
 Acq: 7 Nov 2018 15:12

Tgt Ion	Ion	Ratio	Lower	Upper
74	100			
45	95.1	49.1	147.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.469 ug/l

RT: 3.77 min Scan# 620

Delta R.T. 0.00 min

Lab File: VN052207.D

Acq: 7 Nov 2018 15:12

Instrument :

MSVOA_N

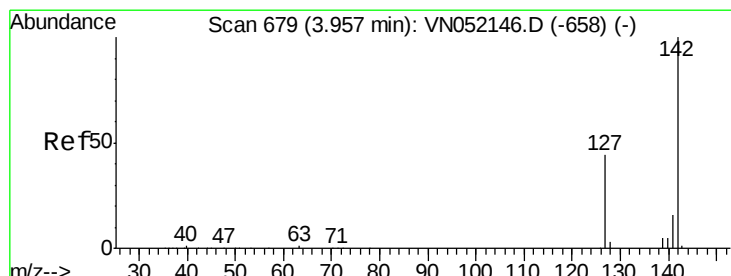
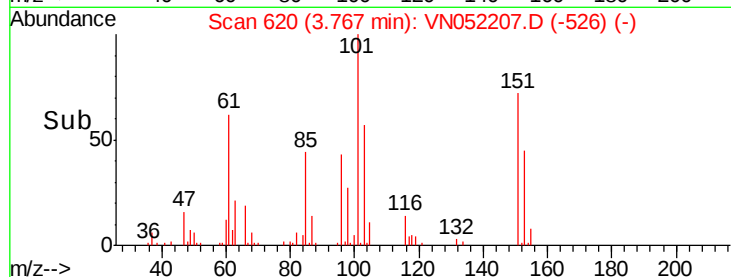
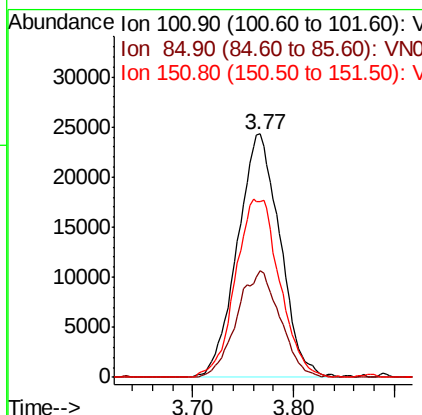
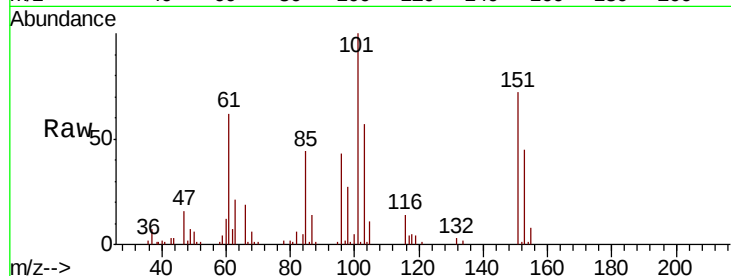
ClientSampleId :

VN1107WBSD02

Tot Ion:	101	Resp:	71139
Ion Ratio	Lower	Upper	
101	100		
85	44.4	36.1	54.1
151	76.0	59.7	89.5

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#10

Methyl Iodide

Concen: 20.246 ug/l

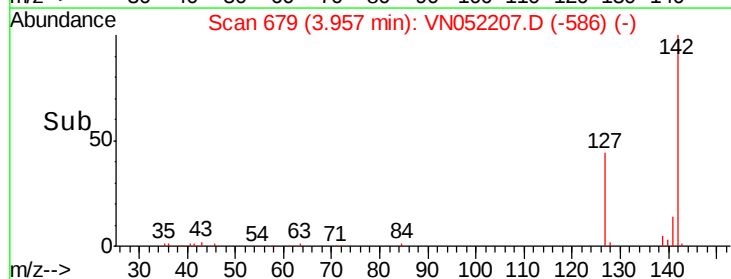
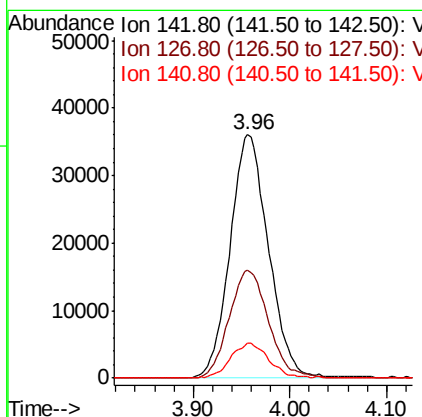
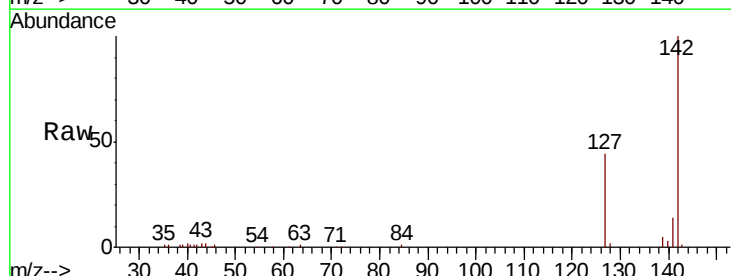
RT: 3.96 min Scan# 679

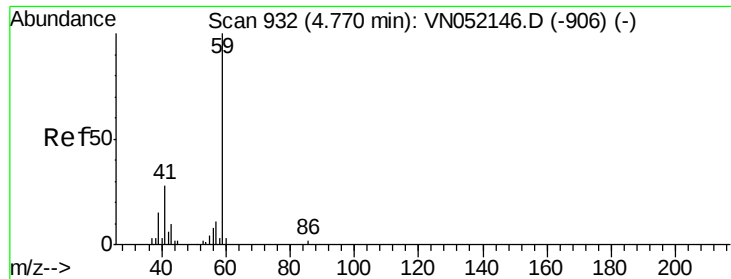
Delta R.T. 0.00 min

Lab File: VN052207.D

Acq: 7 Nov 2018 15:12

Tgt Ion:	142	Resp:	99343
Ion Ratio	Lower	Upper	
142	100		
127	45.4	36.0	54.0
141	14.3	11.8	17.6





#11

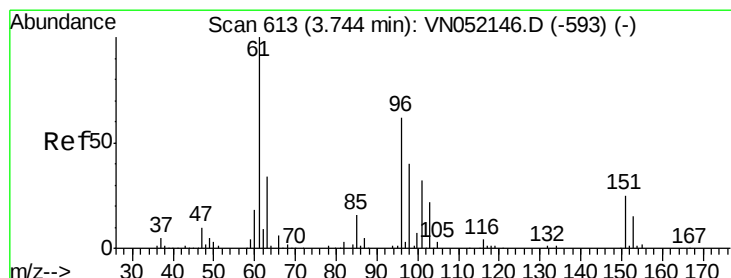
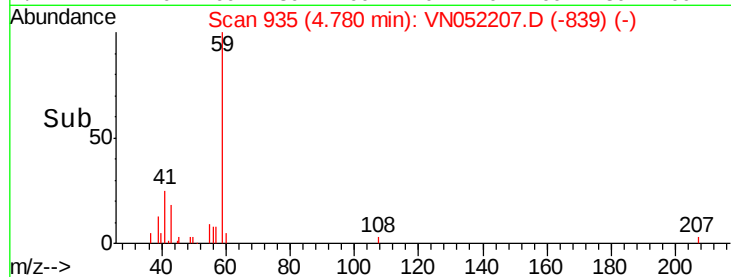
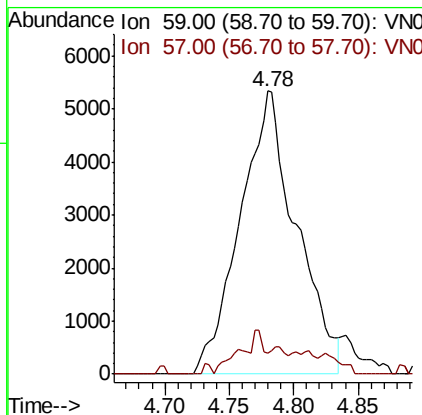
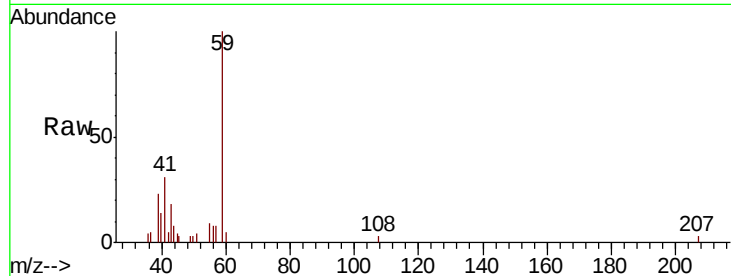
Tert butyl alcohol
Concen: 88.335 ug/l
RT: 4.78 min Scan# 935
Delta R.T. 0.01 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD02

Tot Ion	59.00 (58.70 to 59.70): VN0	Resp	16173
Ion Ratio	59	100	Lower Upper
	57	0.0	5.7 8.5#

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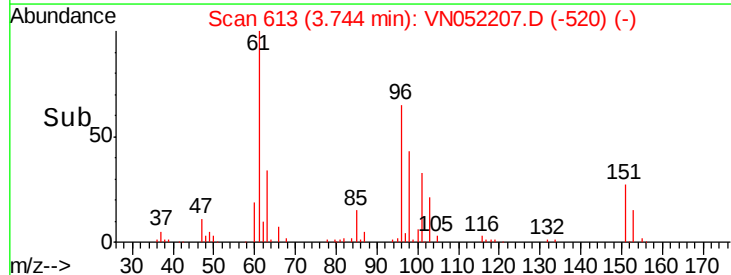
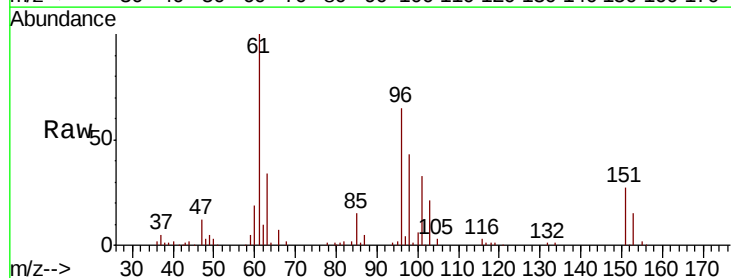
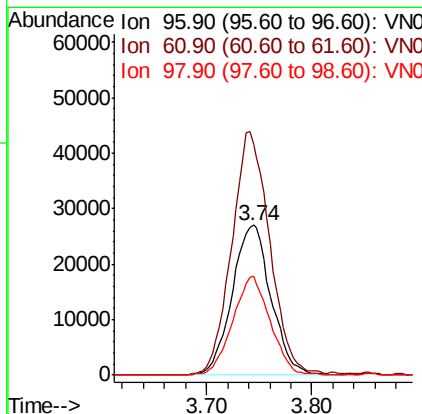
MMDadoda
11/8/2018 9:14:08 AM

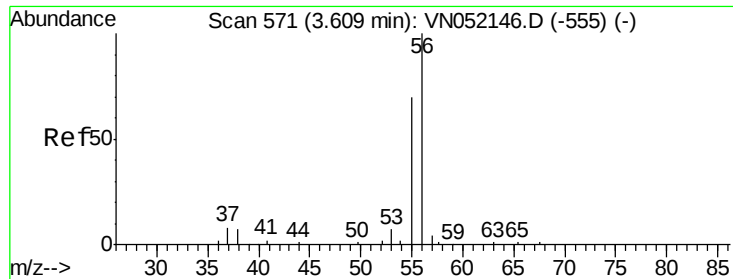


#12

1,1-Dichloroethene
Concen: 21.152 ug/l
RT: 3.74 min Scan# 613
Delta R.T. 0.00 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Tgt Ion	96	Resp	69211
Ion Ratio	96	100	Lower Upper
	61	154.1	128.4 192.6
	98	65.6	50.9 76.3





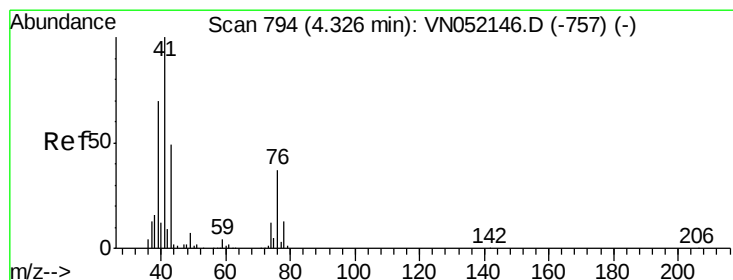
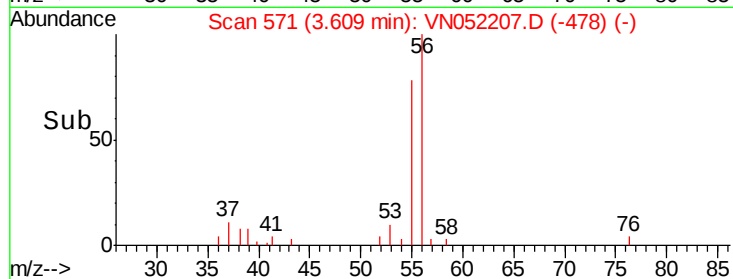
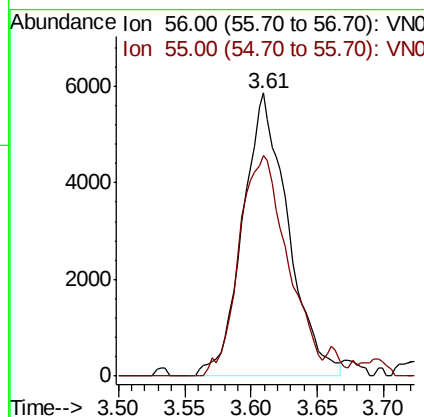
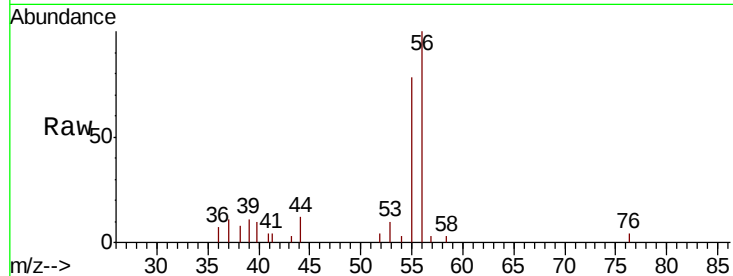
#13
Acrolein
Concen: 98.049 ug/l
RT: 3.61 min Scan# 571
Delta R.T. 0.00 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD02

Tot Ion	56	55	Ratio	Lower	Upper
13949	100	83.5		56.6	84.8

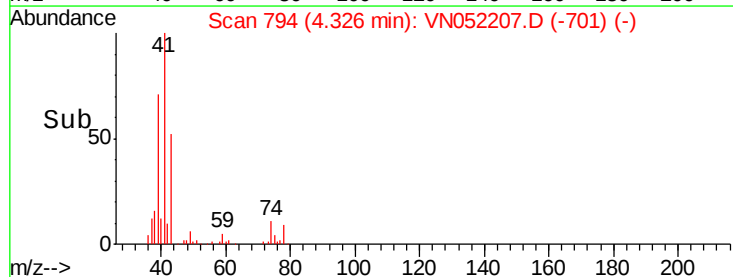
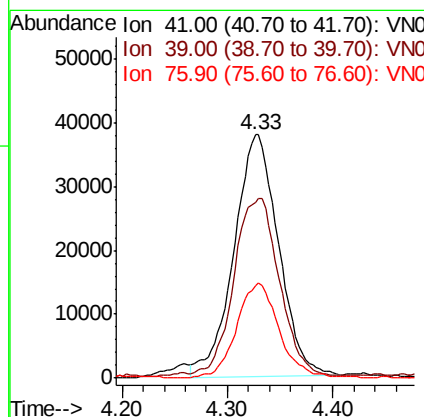
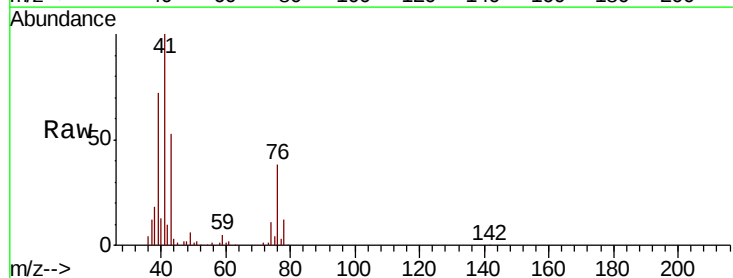
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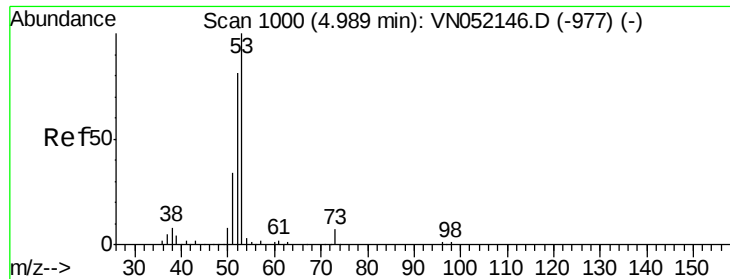
MMDadoda
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#14
Allyl chloride
Concen: 20.372 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Tgt Ion	41	39	76	Ratio	Lower	Upper
111251	100	76.4	37.4		55.3	82.9
					27.8	41.8





#15

Acrylonitrile

Concen: 108.203 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN052207.D

Acq: 7 Nov 2018 15:12

Instrument :

MSVOA_N

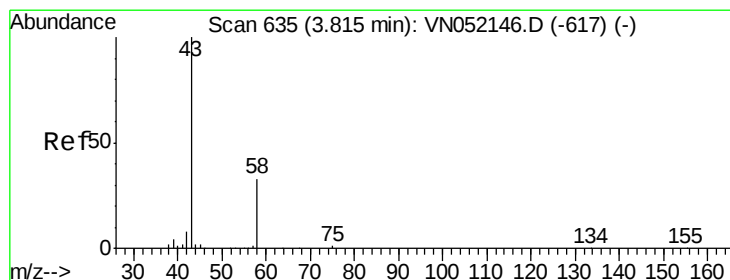
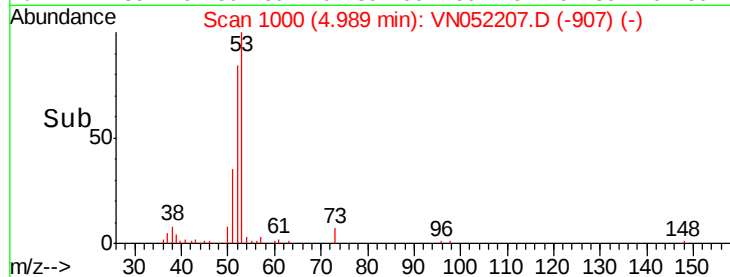
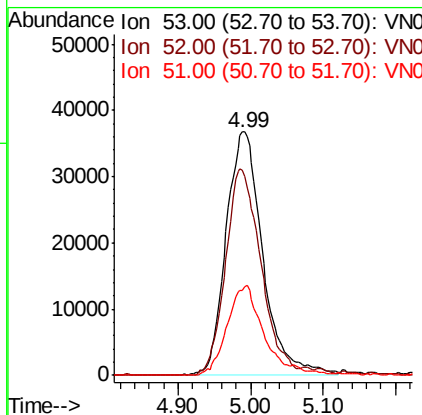
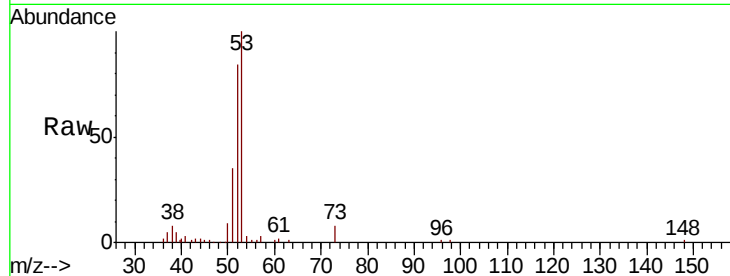
ClientSampleId :

VN1107WBSD02

Tot Ion:	53	Resp:	129693
Ion Ratio	Lower	Upper	
53	100		
52	81.2	66.5	99.7
51	36.2	29.2	43.8

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#16

Acetone

Concen: 88.169 ug/l

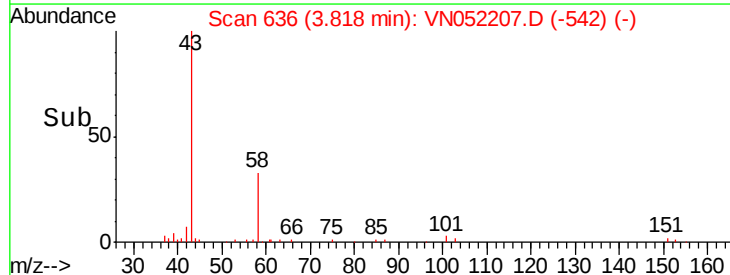
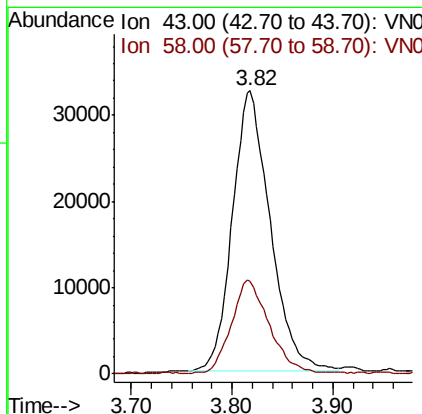
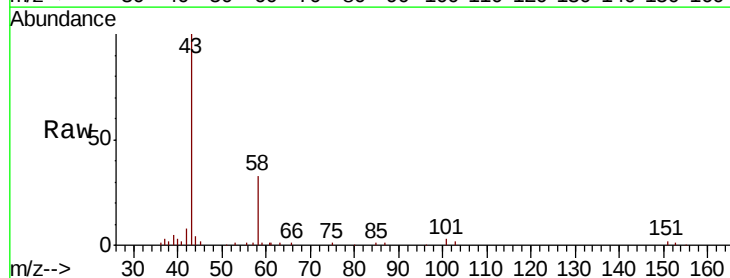
RT: 3.82 min Scan# 636

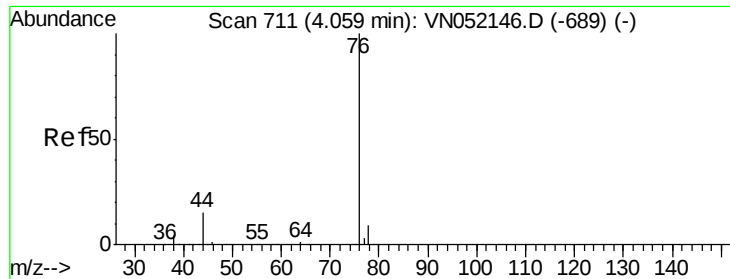
Delta R.T. 0.00 min

Lab File: VN052207.D

Acq: 7 Nov 2018 15:12

Tgt Ion:	43	Resp:	84131
Ion Ratio	Lower	Upper	
43	100		
58	33.1	26.2	39.2





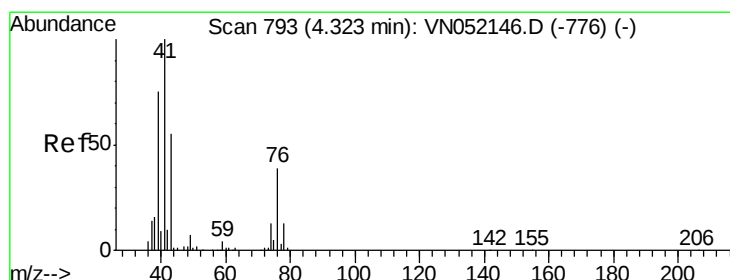
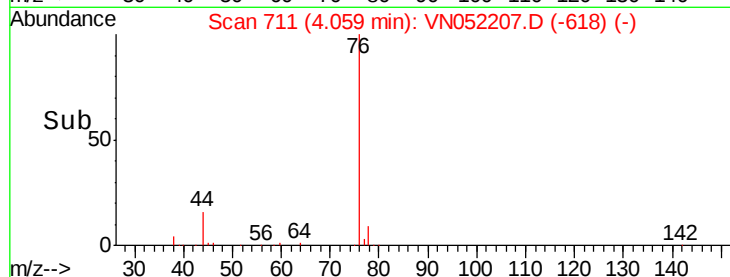
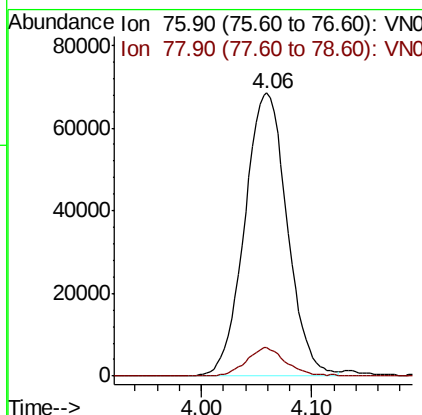
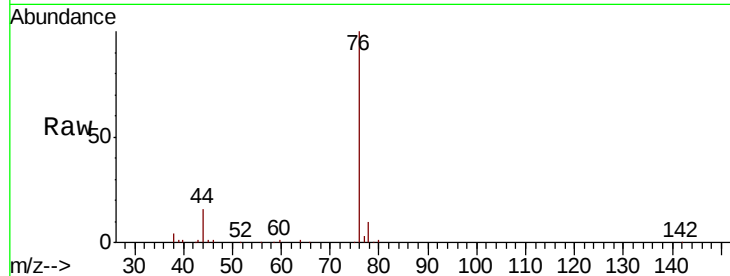
#17
Carbon Disulfide
Concen: 19.623 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.00 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.0	10.6

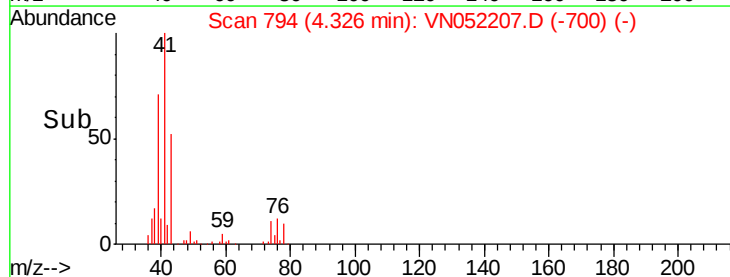
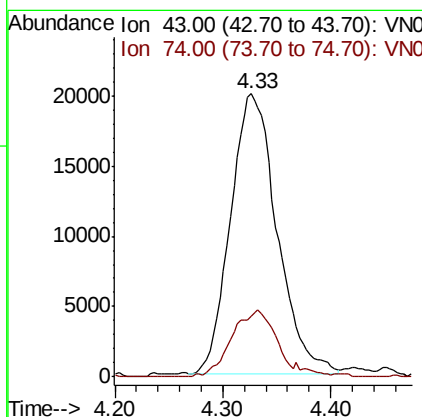
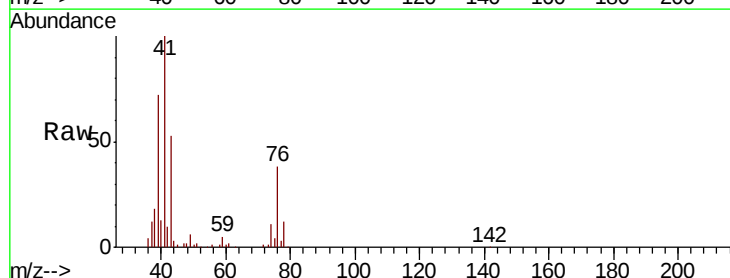
Manual Integrations
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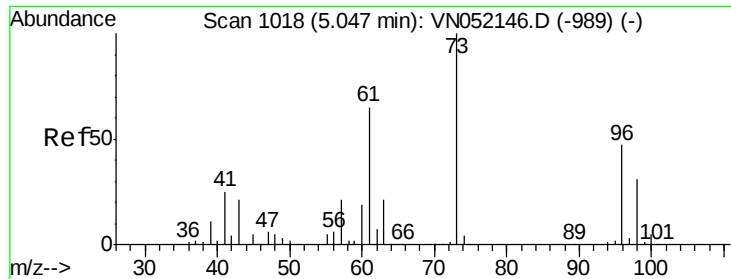
MMDadoda
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#18
Methyl Acetate
Concen: 19.661 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.3	19.3	28.9





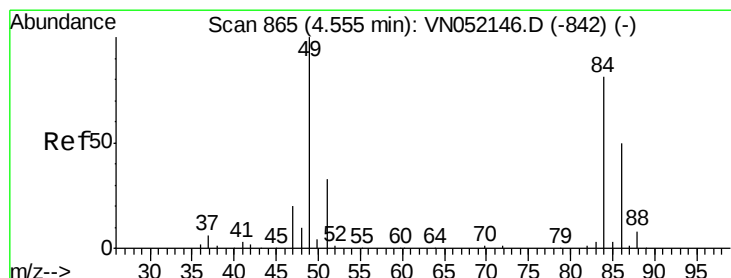
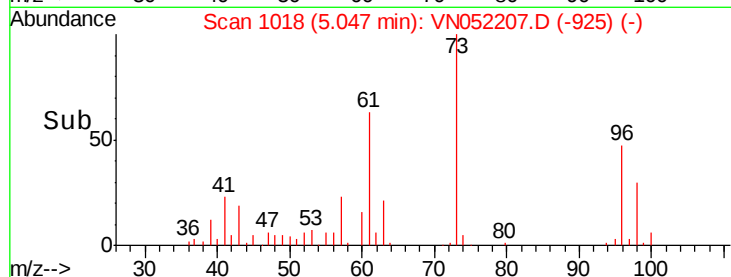
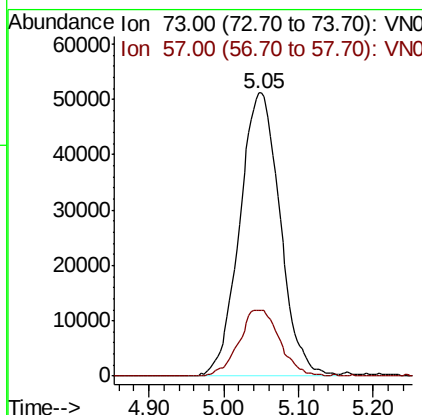
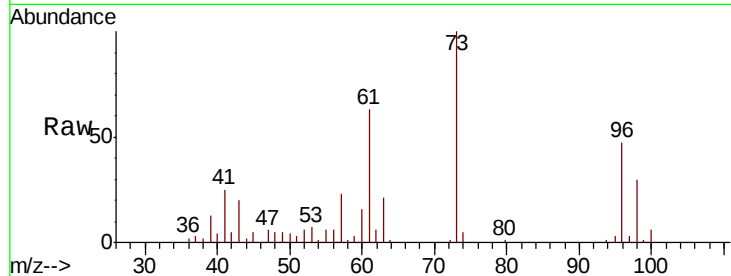
#19
Methyl tert-butyl Ether
Concen: 21.392 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD02

Tot Ion: 73 Resp: 192627
Ion Ratio Lower Upper
73 100
57 23.2 16.8 25.2

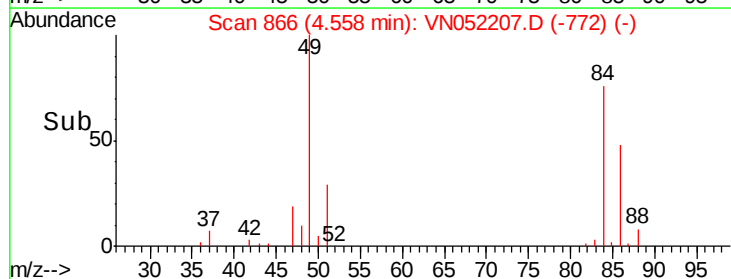
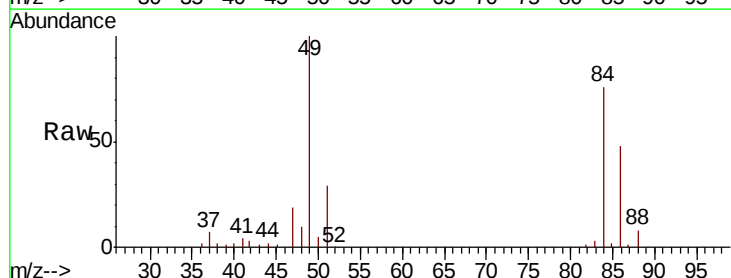
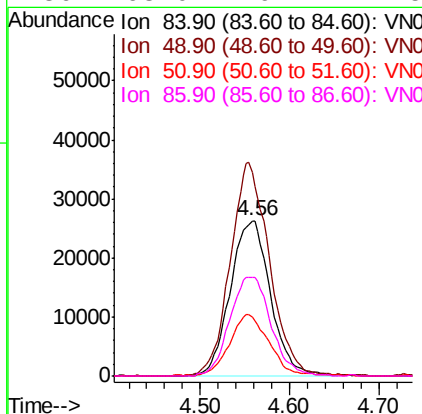
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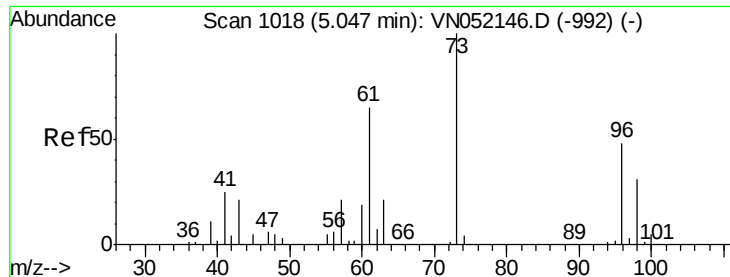
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#20
Methylene Chloride
Concen: 20.785 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Tgt Ion: 84 Resp: 82408
Ion Ratio Lower Upper
84 100
49 129.8 98.4 147.6
51 37.6 32.5 48.7
86 63.0 49.7 74.5





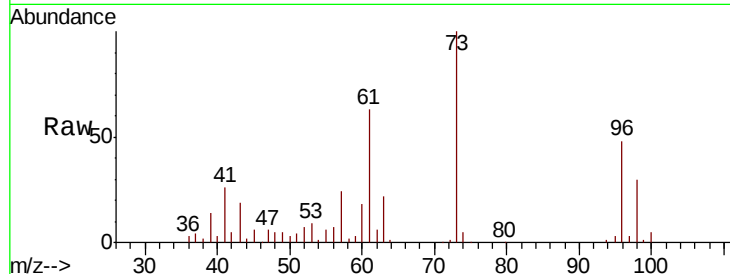
#21
trans-1,2-Dichloroethene
Concen: 20.307 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.1	109.6	164.4
98	61.4	52.0	78.0

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11/8/2018 9:14:08 AM

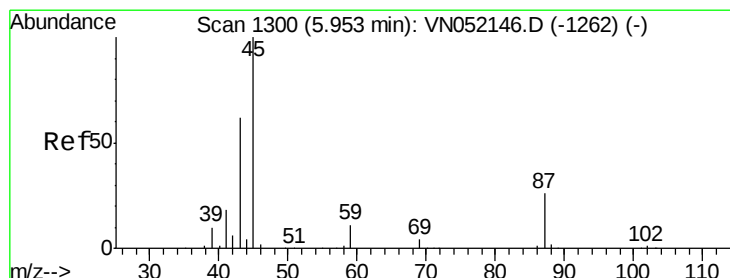
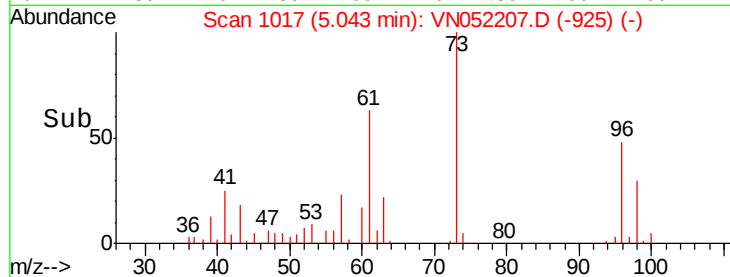
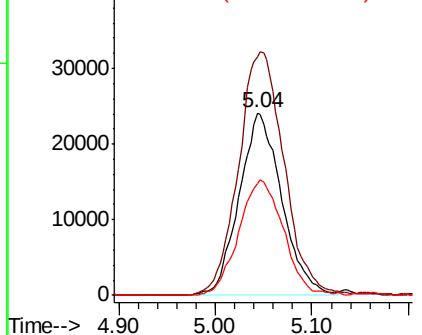


Abundance

Ion 95.90 (95.60 to 96.60): VNC

Ion 60.90 (60.60 to 61.60): VNC

Ion 97.90 (97.60 to 98.60): VNC



#22
Diisopropyl ether
Concen: 21.339 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Tgt Ion	Ratio	Lower	Upper
45	100		
43	62.3	49.8	74.6
87	28.4	21.1	31.7
59	12.9	8.9	13.3

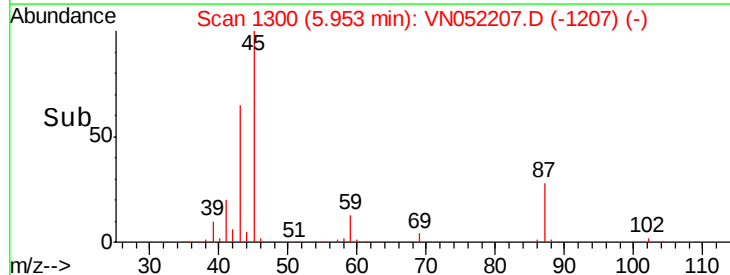
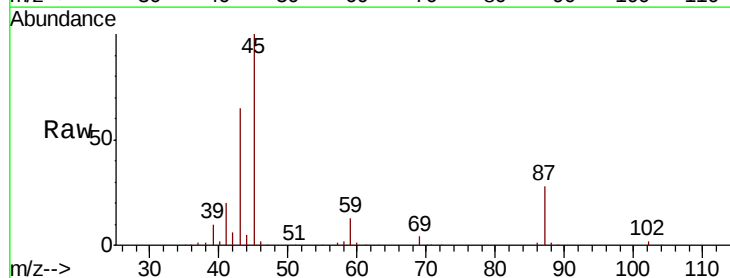
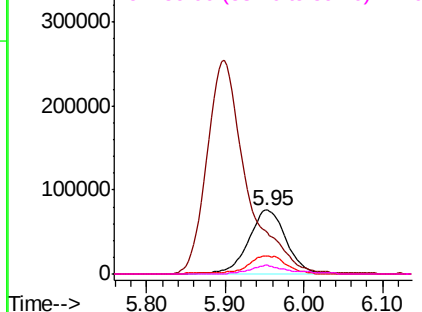
Abundance

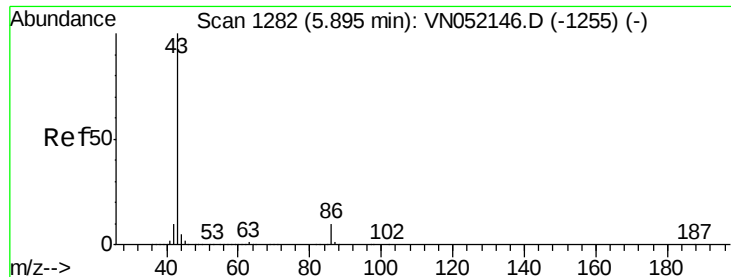
Ion 45.00 (44.70 to 45.70): VNC

Ion 43.00 (42.70 to 43.70): VNC

Ion 87.00 (86.70 to 87.70): VNC

Ion 59.00 (58.70 to 59.70): VNC





#23

Vinyl Acetate

Concen: 111.587 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN052207.D

Acq: 7 Nov 2018 15:12

Instrument :

MSVOA_N

ClientSampleId :

VN1107WBSD02

Tot Ion: 43 Resp: 883608

Ion Ratio Lower Upper

43 100

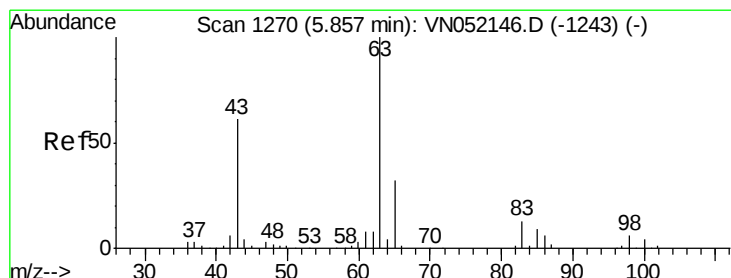
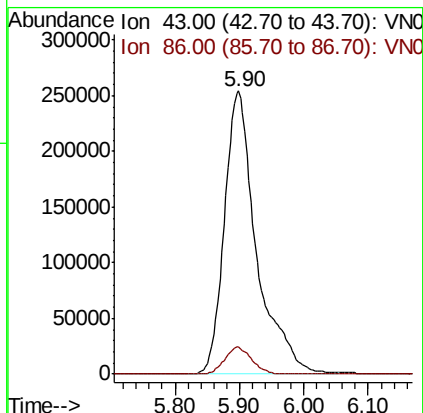
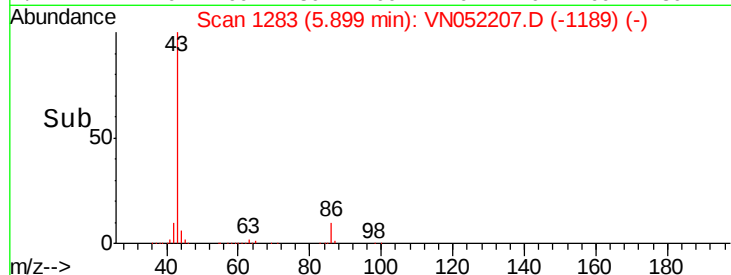
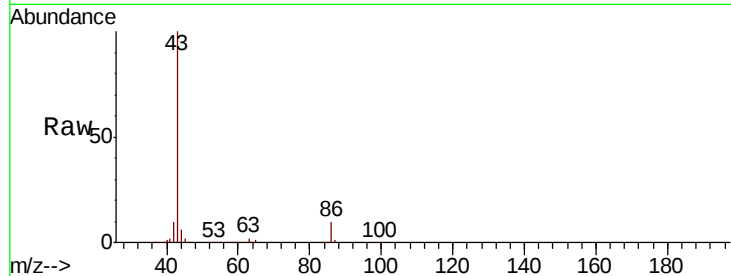
86 9.5 7.9 11.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 21.448 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VN052207.D

Acq: 7 Nov 2018 15:12

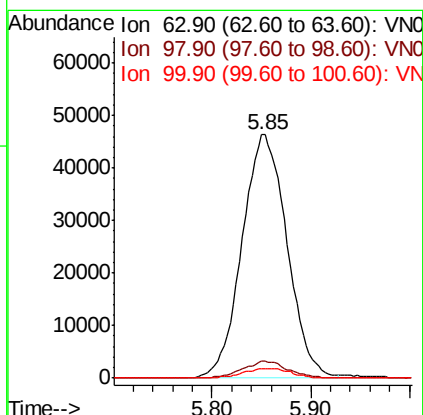
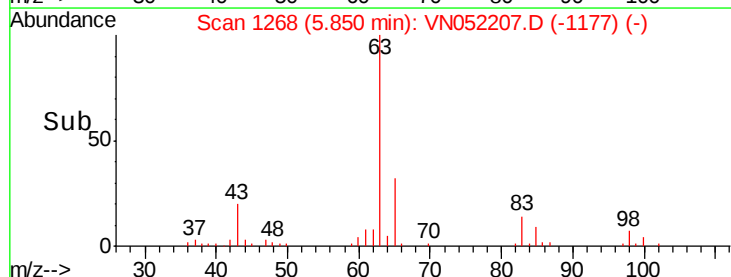
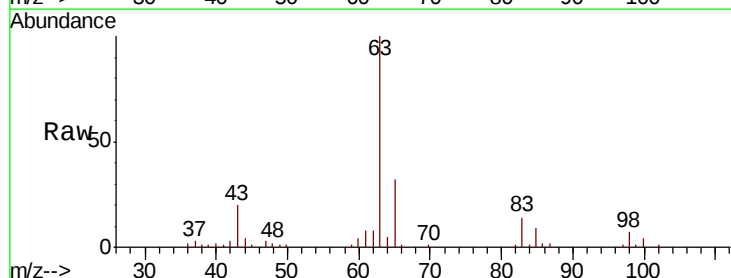
Tgt Ion: 63 Resp: 145981

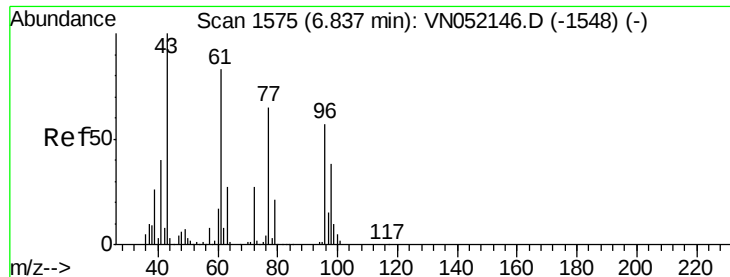
Ion Ratio Lower Upper

63 100

98 7.0 3.1 9.4

100 3.9 2.1 6.2





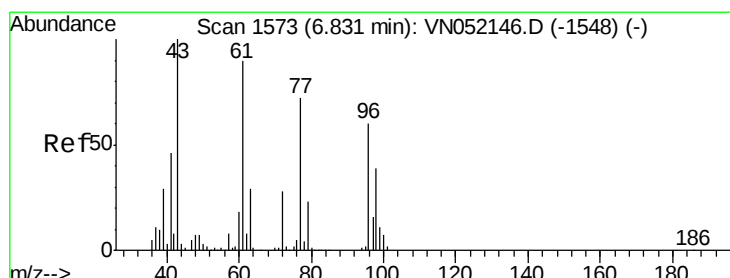
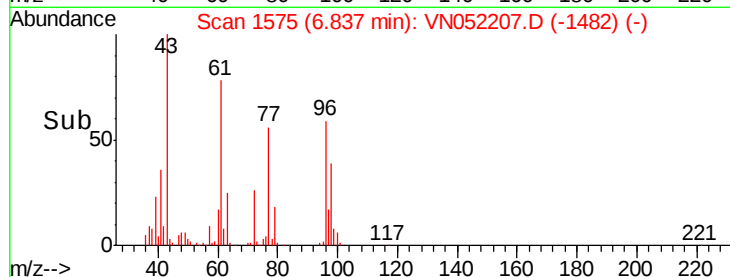
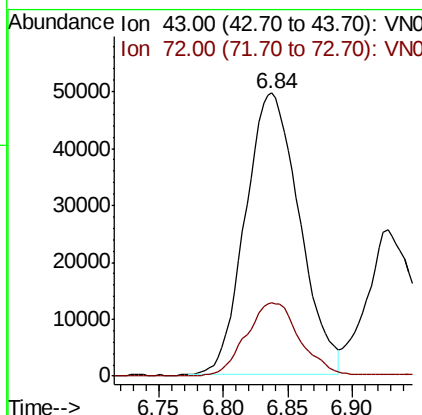
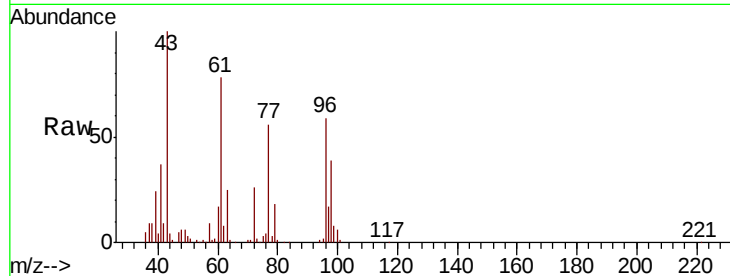
#25
2-Butanone
Concen: 97.988 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD02

Tot Ion: 43 Resp: 144985
Ion Ratio Lower Upper
43 100
72 25.9 21.4 32.2

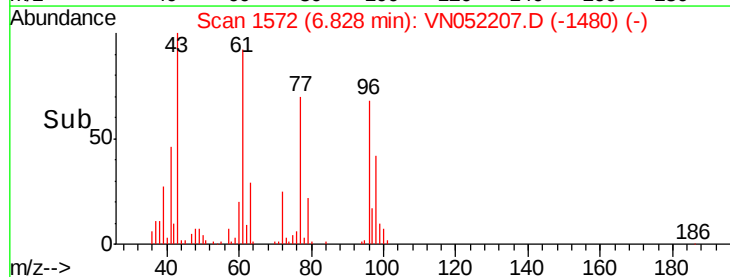
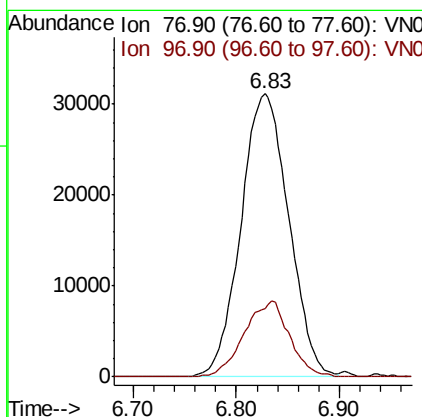
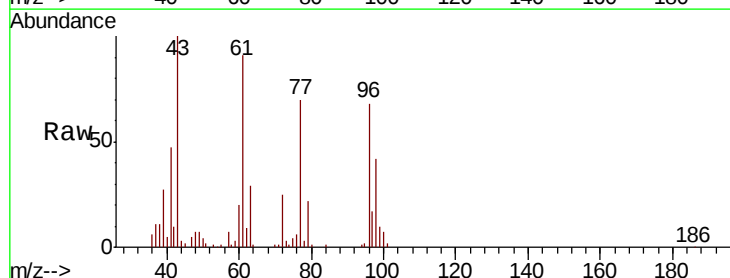
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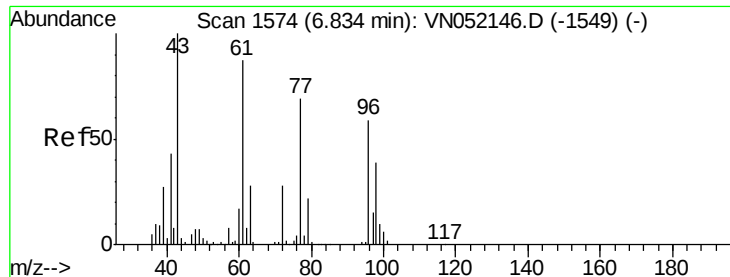
MMDadoda
11/8/2018 9:14:08 AM



#26
2,2-Dichloropropane
Concen: 18.845 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. -0.00 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Tgt Ion: 77 Resp: 100383
Ion Ratio Lower Upper
77 100
97 25.3 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 21.969 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.01 min

Lab File: VN052207.D

Acq: 7 Nov 2018 15:12

Instrument :

MSVOA_N

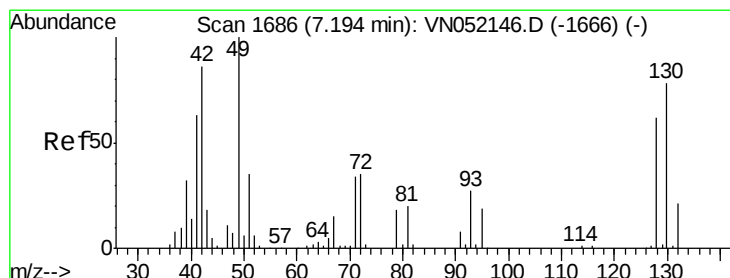
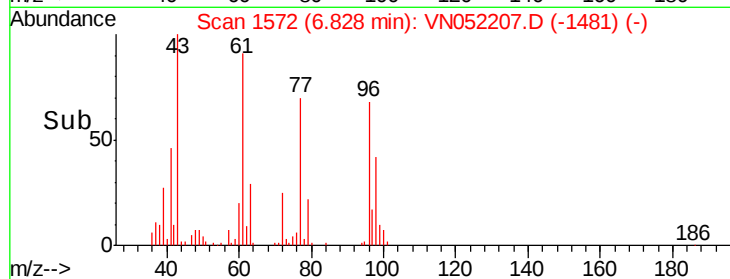
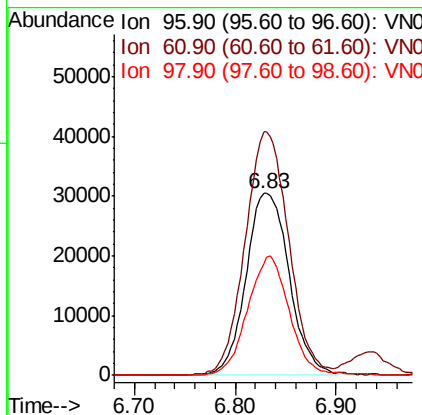
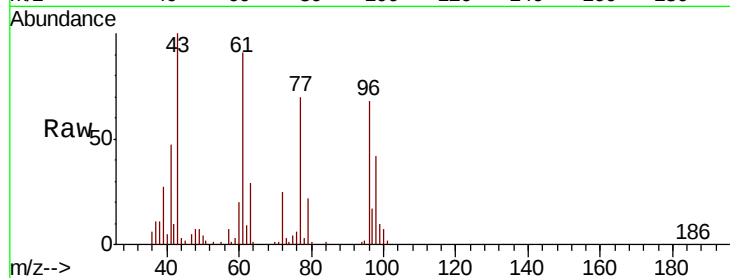
ClientSampleId :

VN1107WBSD02

Tot Ion:	96	Resp:	90686
Ion	Ratio	Lower	Upper
96	100		
61	134.9	0.0	291.8
98	63.3	0.0	130.0

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#28

Bromochloromethane

Concen: 23.135 ug/l

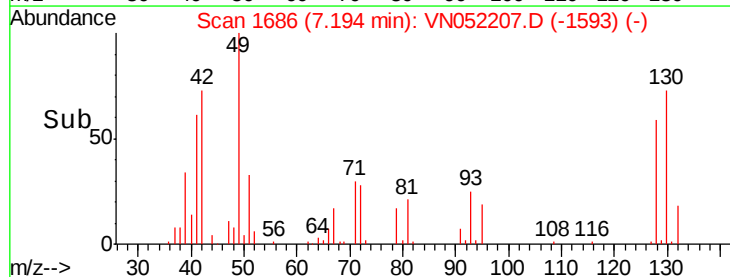
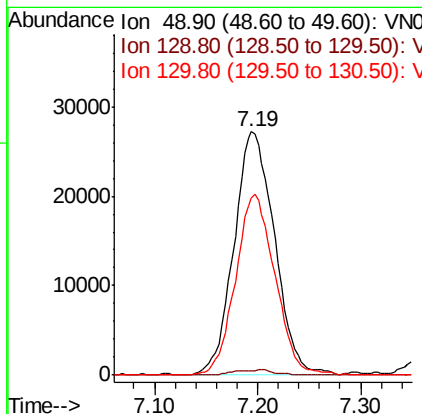
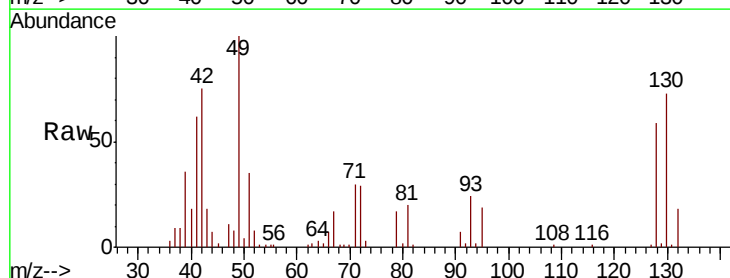
RT: 7.19 min Scan# 1686

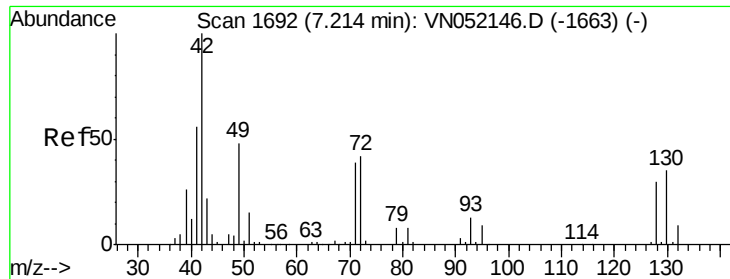
Delta R.T. 0.00 min

Lab File: VN052207.D

Acq: 7 Nov 2018 15:12

Tgt Ion:	49	Resp:	74501
Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	4.4
130	72.1	59.8	89.6





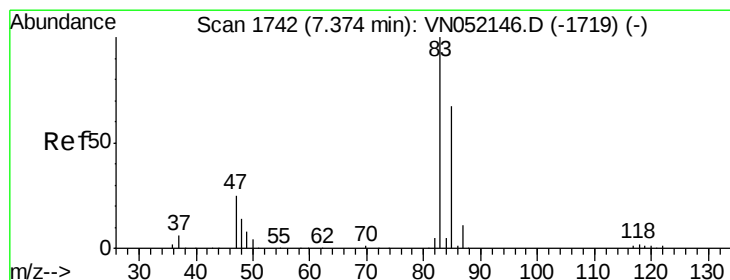
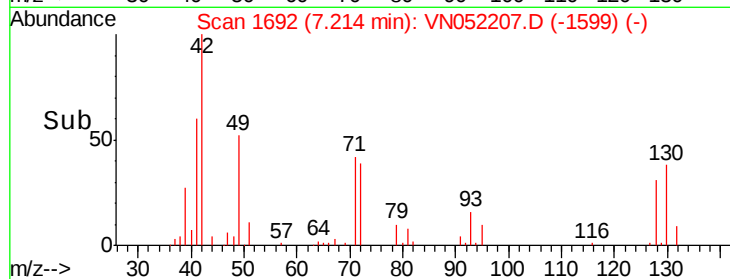
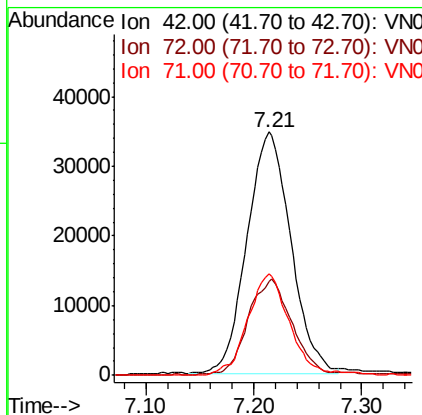
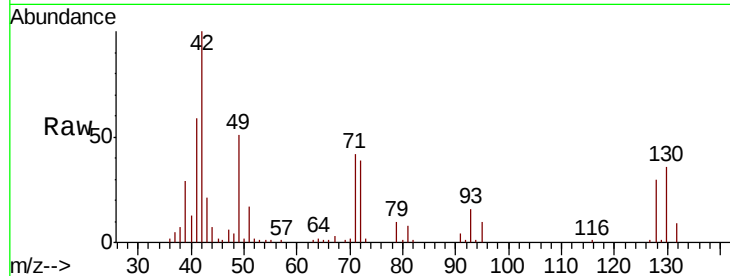
#29
Tetrahydrofuran
Concen: 106.842 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.1	32.3	48.5
71	39.9	31.0	46.6

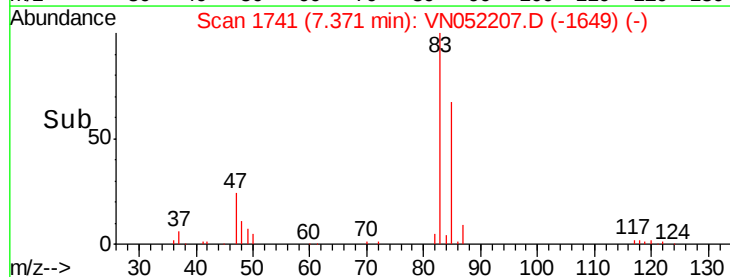
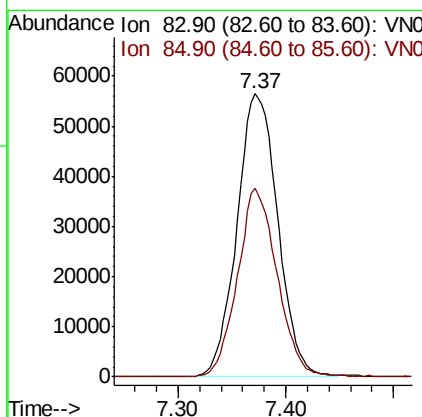
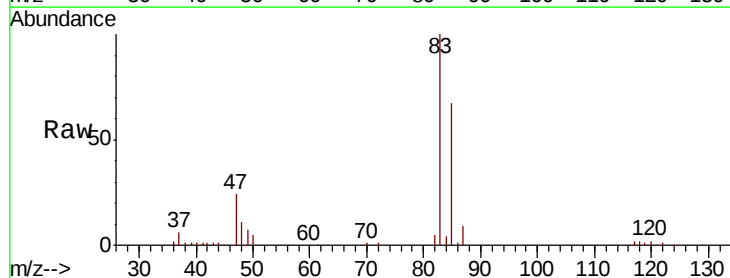
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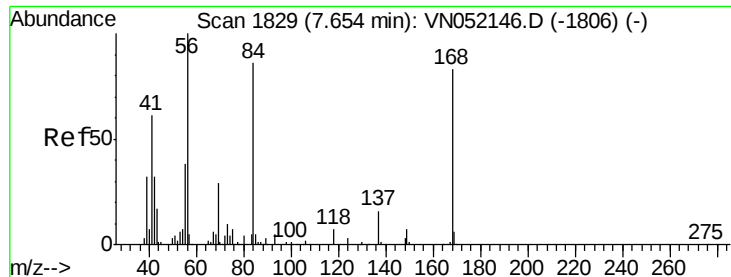
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#30
Chloroform
Concen: 21.955 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.7	53.7	80.5





#31

Cyclohexane

Concen: 19.545 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN052207.D

Acq: 7 Nov 2018 15:12

Instrument :

MSVOA_N

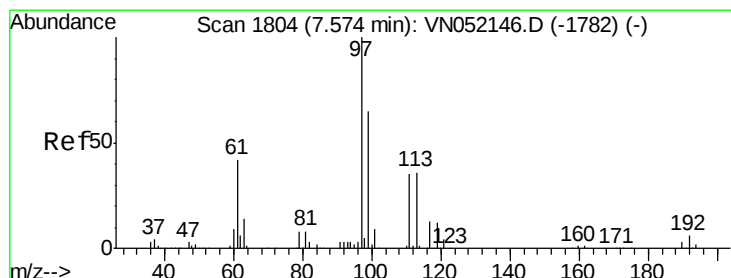
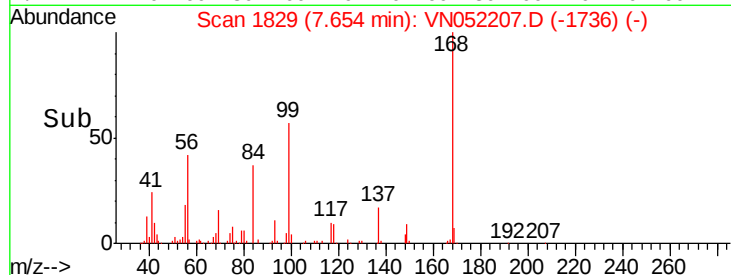
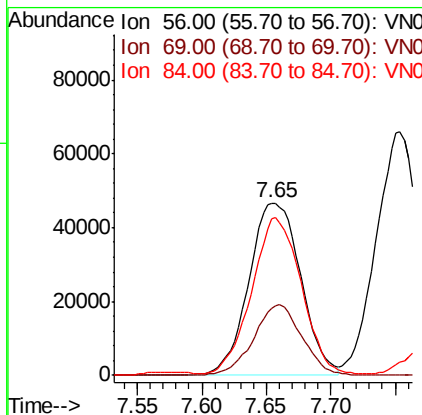
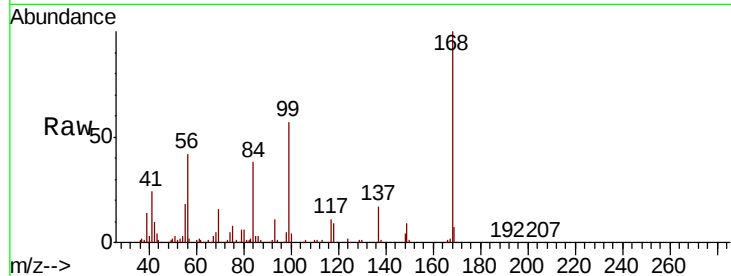
ClientSampleId :

VN1107WBSD02

Tot Ion:	56	Resp:	130616
Ion Ratio	Lower	Upper	
56	100		
69	38.6	23.5	35.3#
84	89.0	68.7	103.1

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#32

1,1,1-Trichloroethane

Concen: 20.864 ug/l

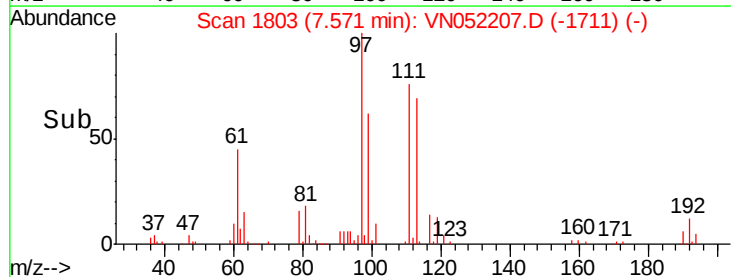
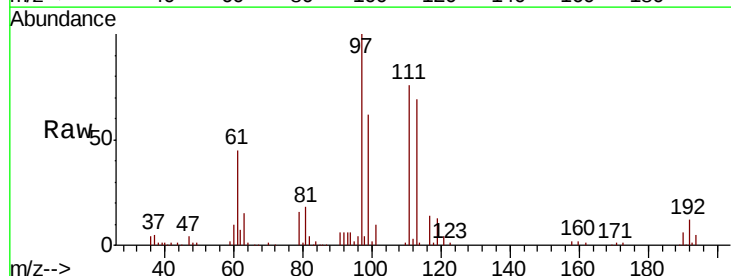
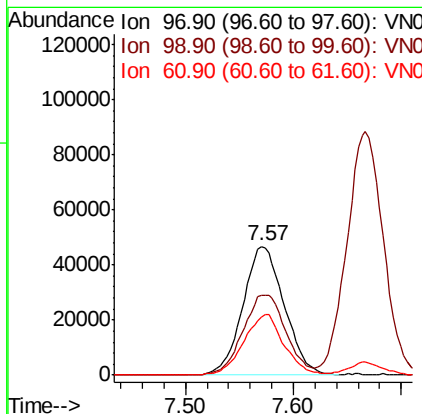
RT: 7.57 min Scan# 1803

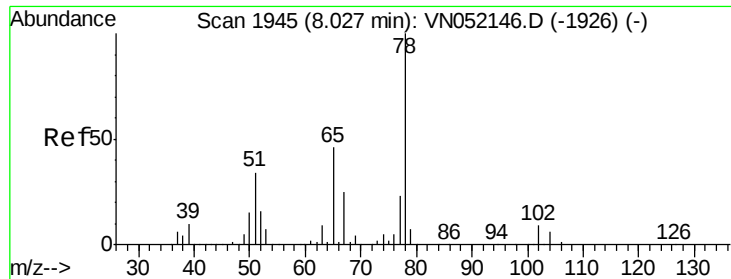
Delta R.T. -0.00 min

Lab File: VN052207.D

Acq: 7 Nov 2018 15:12

Tgt Ion:	97	Resp:	124654
Ion Ratio	Lower	Upper	
97	100		
99	64.7	51.6	77.4
61	45.8	35.1	52.7





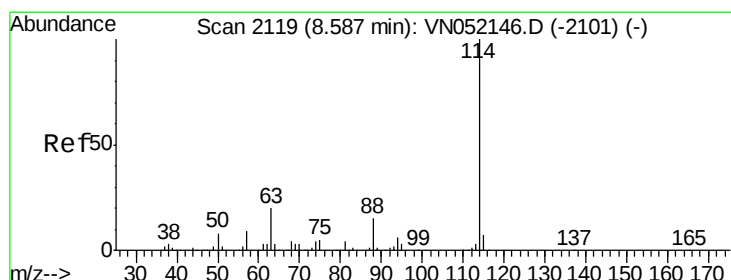
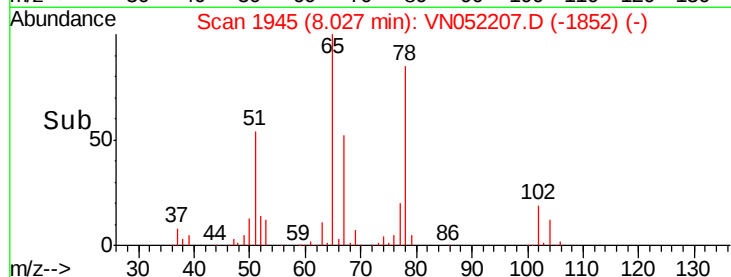
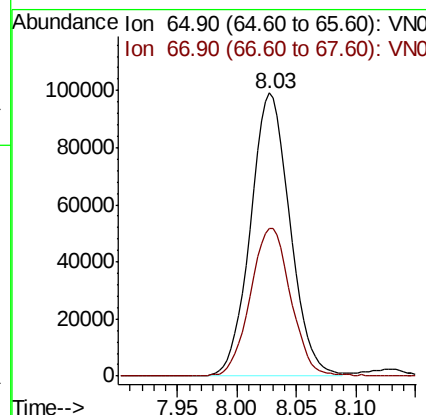
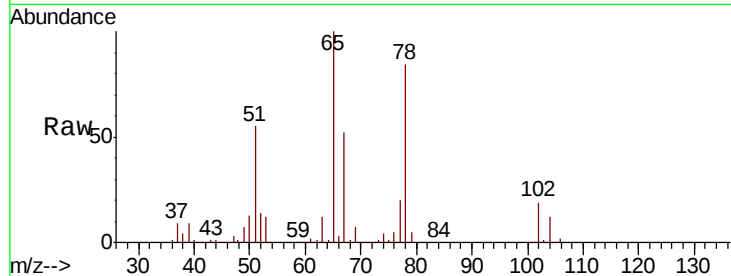
#33
 1,2-Dichloroethane-d4
 Concen: 20.864 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052207.D
 Acq: 7 Nov 2018 15:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	227650		
67	53.4	0.0	107.6	

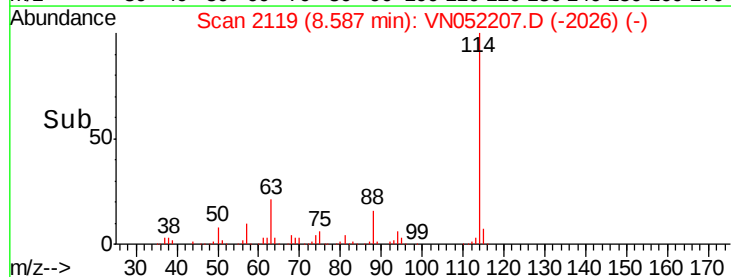
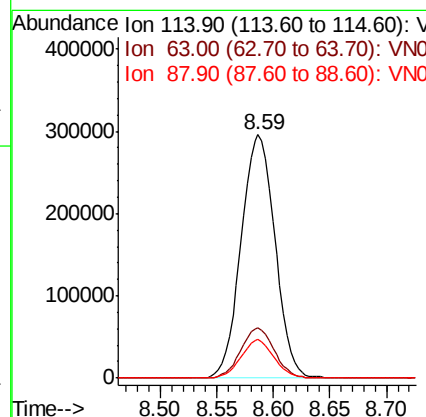
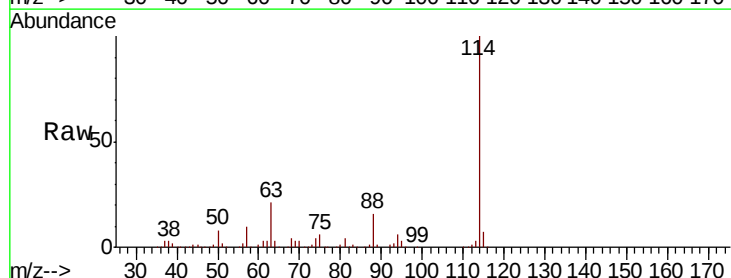
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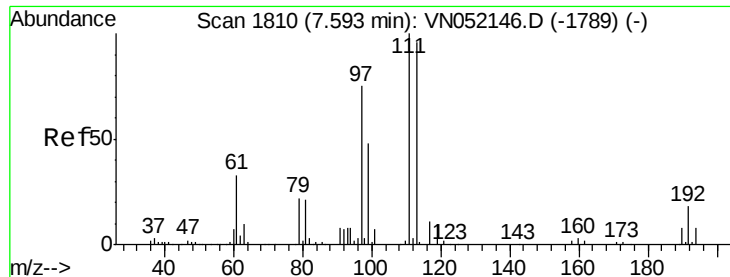
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052207.D
 Acq: 7 Nov 2018 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	619230		
63	20.6	0.0	40.0	
88	15.7	0.0	31.0	





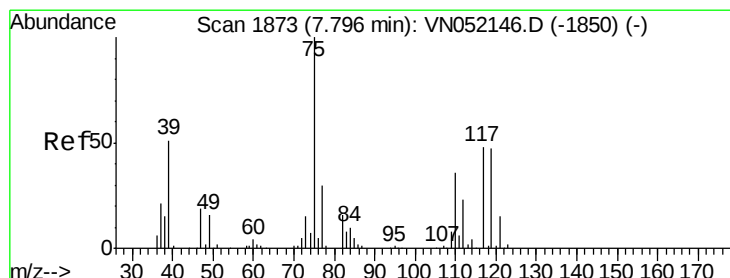
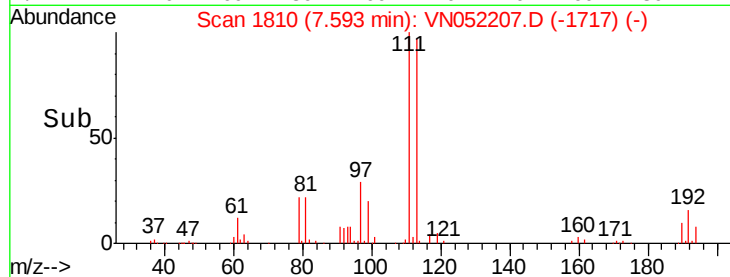
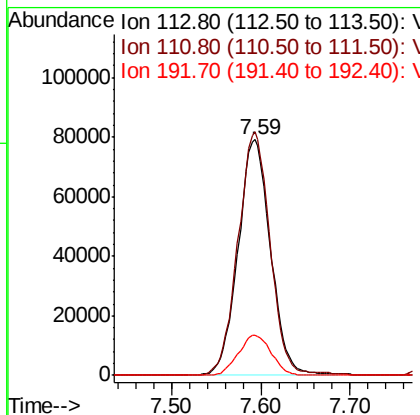
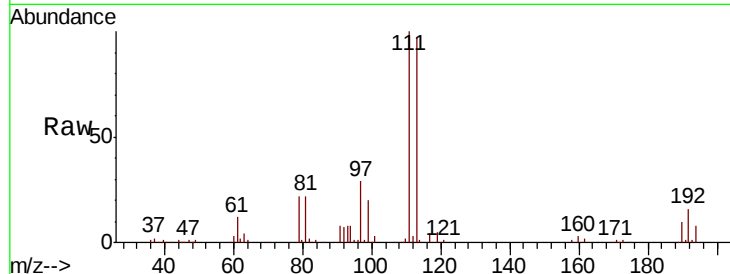
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052207.D
 Acq: 7 Nov 2018 15:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	199691		
111	102.5	81.7	122.5	
192	17.3	14.2	21.4	

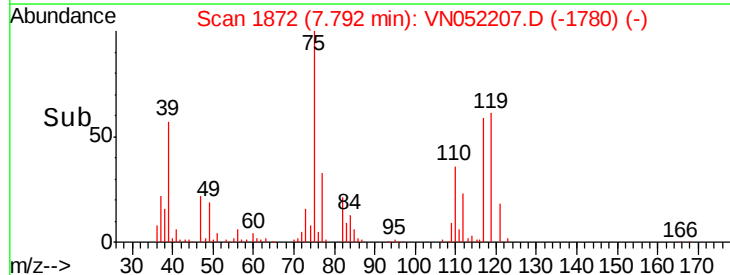
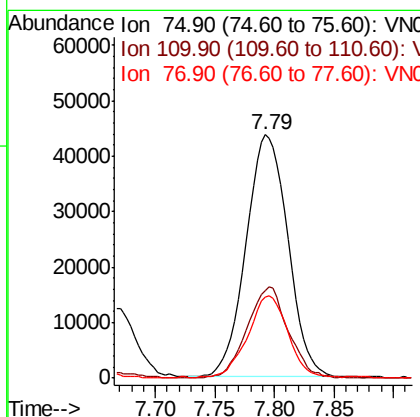
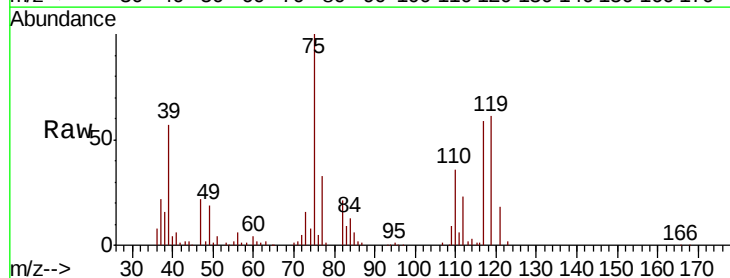
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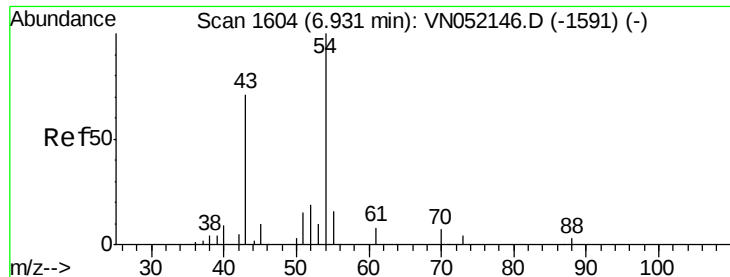
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 11/8/2018 9:14:08 AM



#36
 1,1-Dichloropropene
 Concen: 19.467 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN052207.D
 Acq: 7 Nov 2018 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	106640		
110	36.7	17.8	53.5	
77	32.8	24.0	36.0	





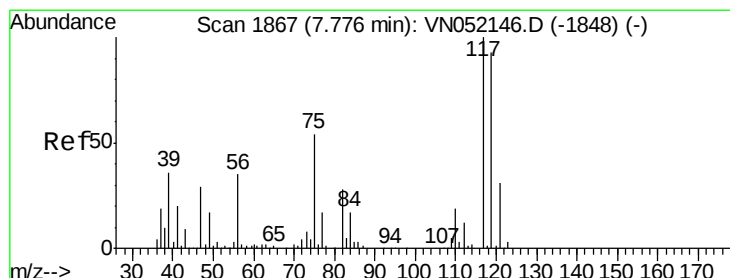
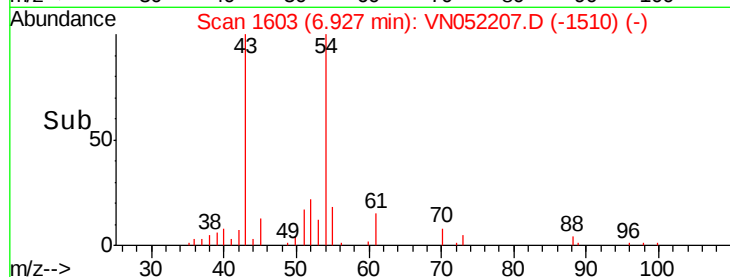
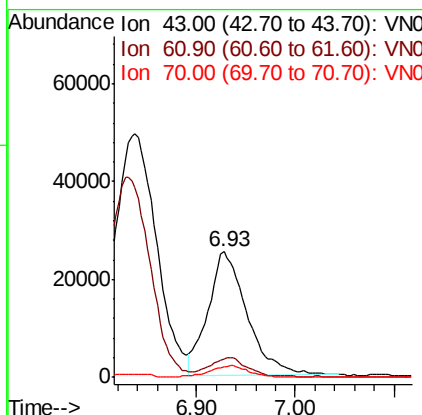
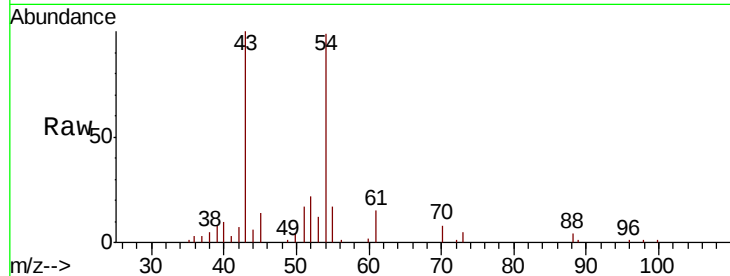
#37
Ethyl Acetate
Concen: 20.702 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD02

Tot Ion	43	Ratio	Lower	Upper
43	100			
61	12.9	9.4	14.2	
70	9.5	7.6	11.4	

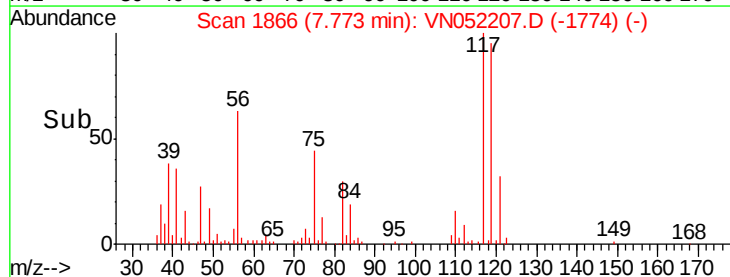
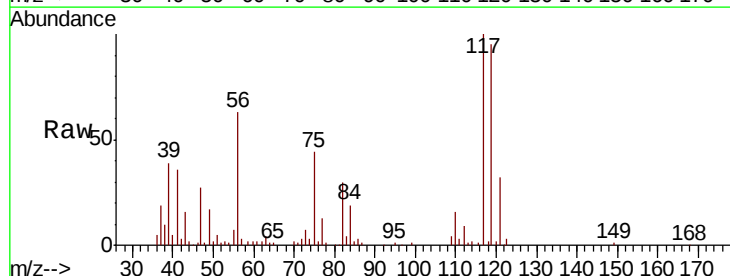
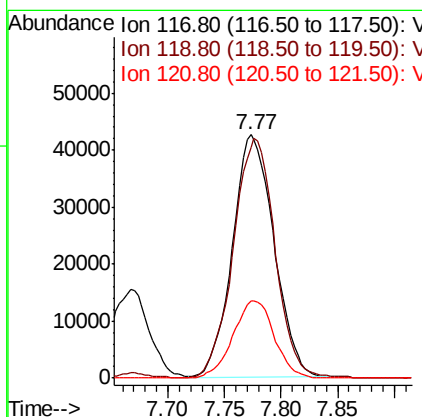
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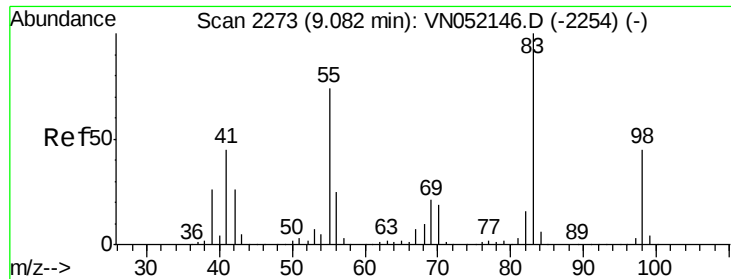
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11/8/2018 9:14:08 AM



#38
Carbon Tetrachloride
Concen: 19.836 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Tgt Ion	117	Ratio	Lower	Upper
117	100			
119	95.0	74.7	112.1	
121	32.1	24.5	36.7	





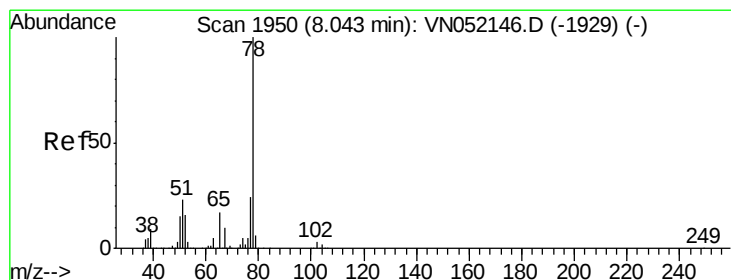
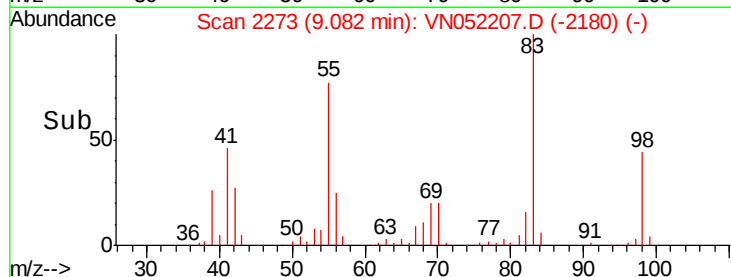
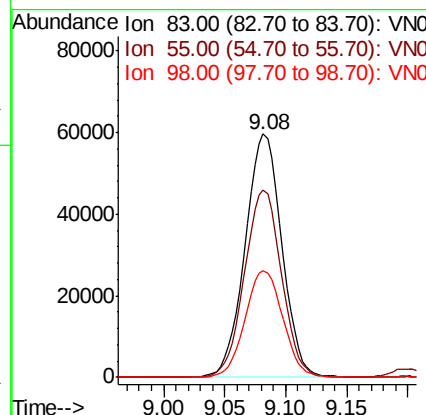
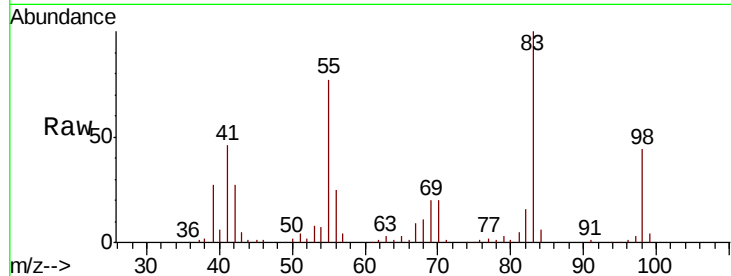
#39
Methvlcvclohexane
Concen: 19.098 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.1	59.4	89.2
98	43.6	36.3	54.5

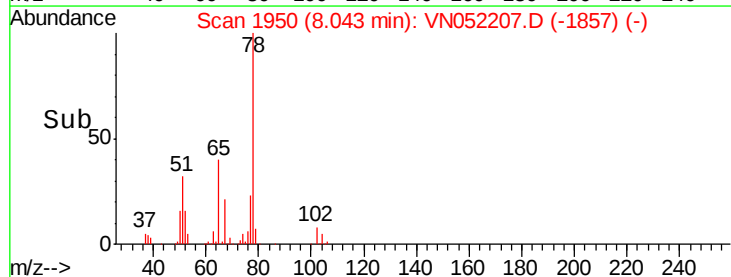
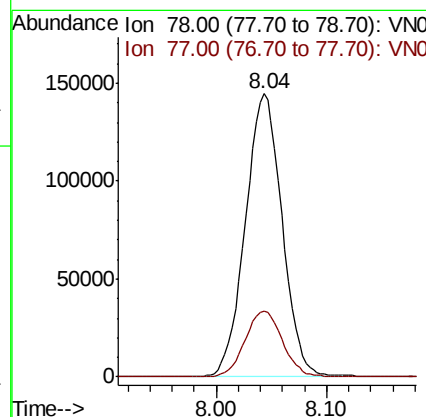
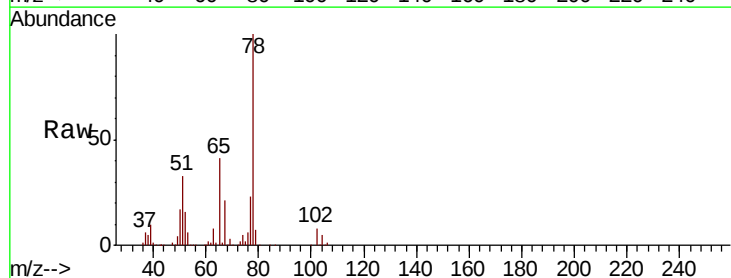
Manual Integrations
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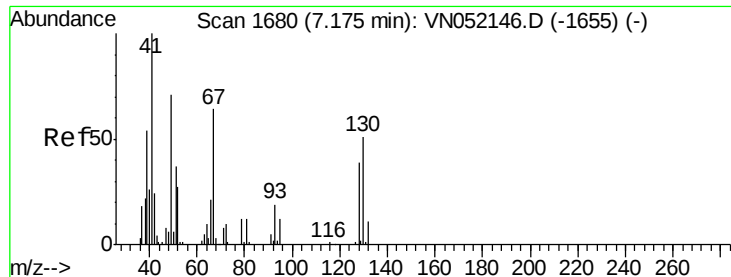
MMDadoda
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#40
Benzene
Concen: 20.703 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.1	28.7





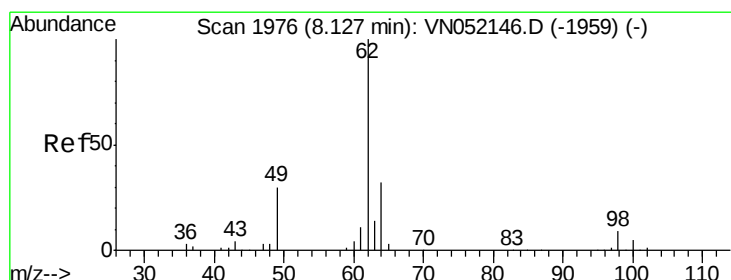
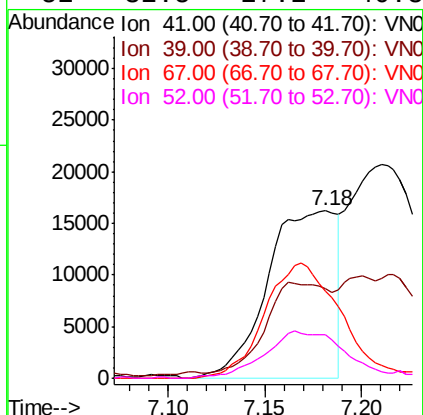
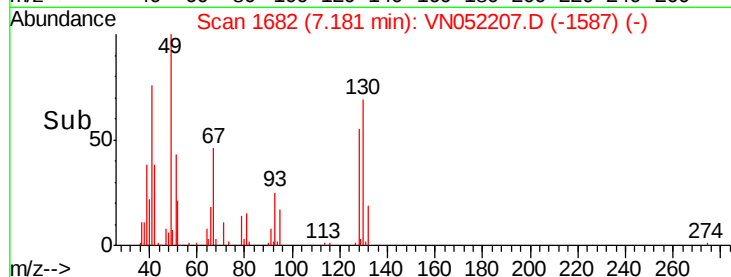
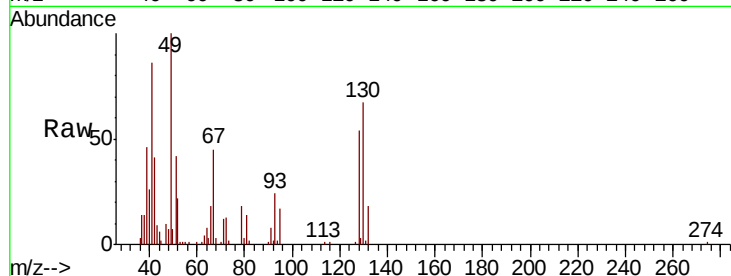
#41
Methacrylonitrile
Concen: 22.173 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.01 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD02

Tot Ion:	41	Resp:	40445
Ion	Ratio	Lower	Upper
41	100		
39	48.8	49.6	74.4#
67	76.7	65.4	98.2
52	32.5	27.2	40.8

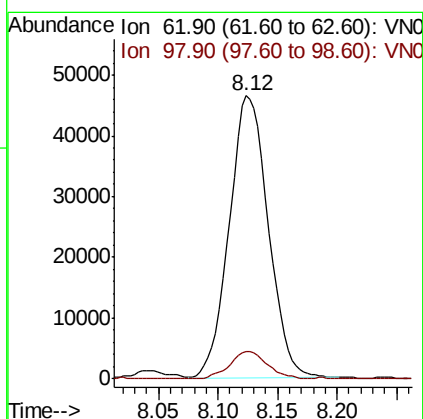
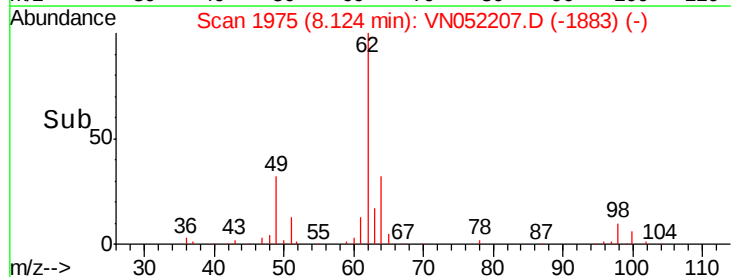
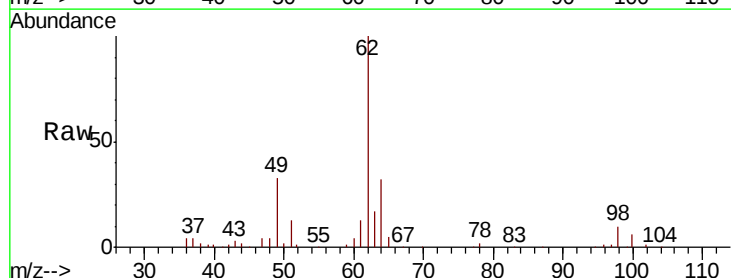
Manual Integrations
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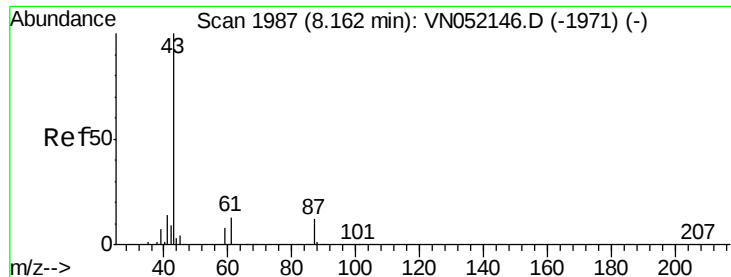
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#42
1,2-Dichloroethane
Concen: 20.399 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Tgt Ion:	62	Resp:	105600
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.2





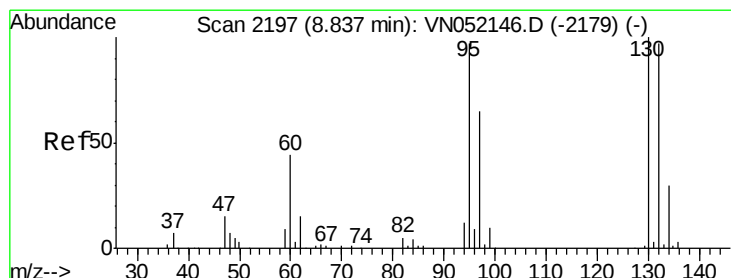
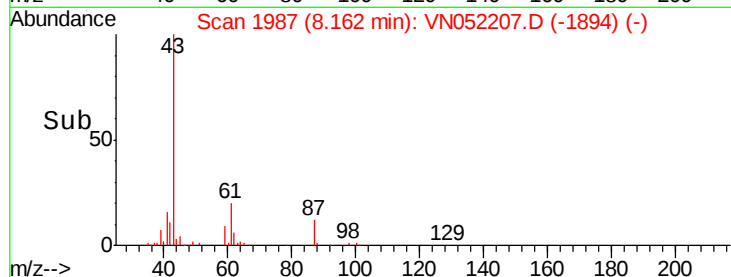
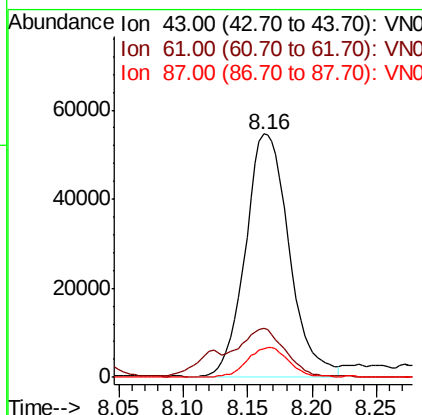
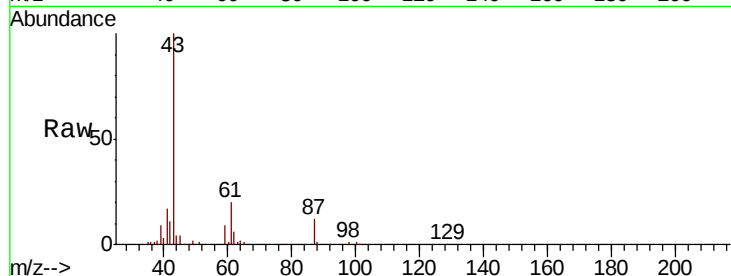
#43
Isopropyl Acetate
Concen: 20.537 ug/l
RT: 8.16 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.0	21.5	32.3#
87	11.9	10.2	15.2

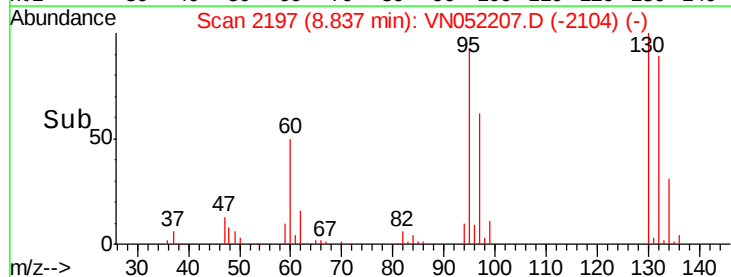
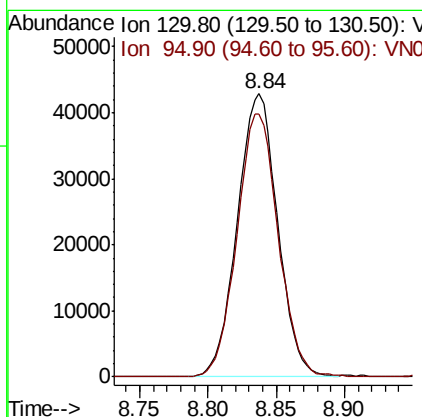
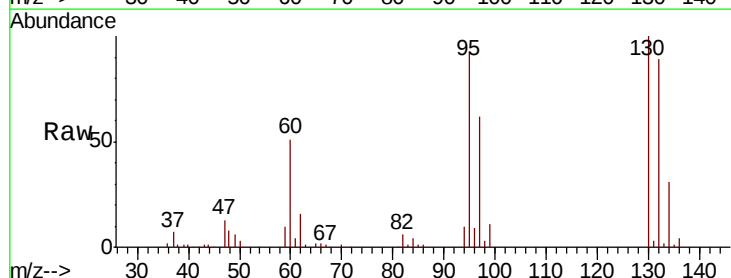
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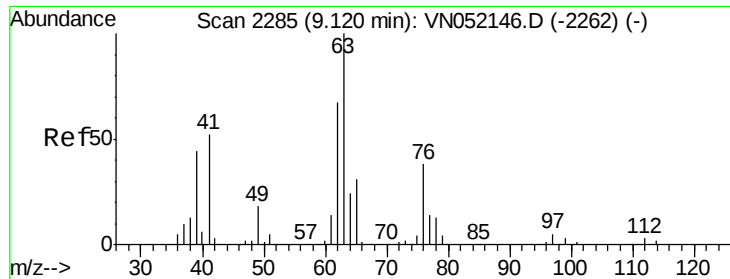
MMDadoda
11/8/2018 9:14:08 AM



#44
Trichloroethene
Concen: 20.605 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.9	0.0	193.8





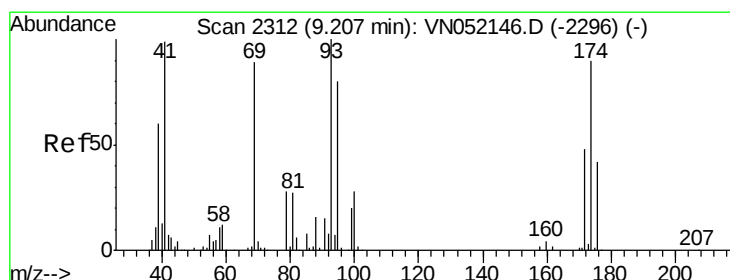
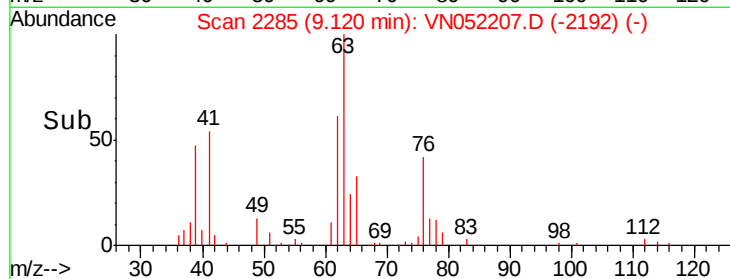
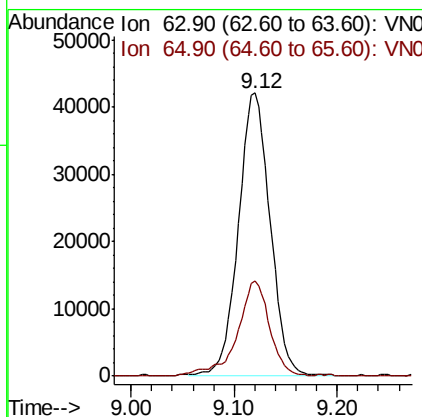
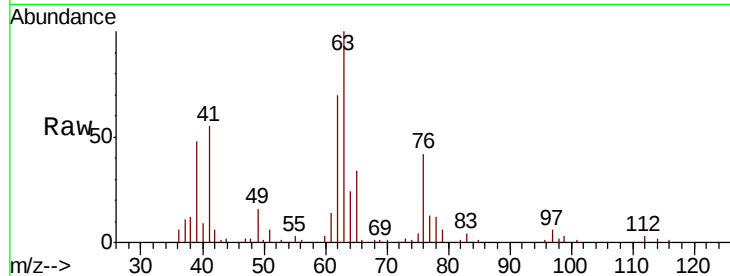
#45
 1,2-Dichloropropane
 Concen: 21.146 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN052207.D
 Acq: 7 Nov 2018 15:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107WBSD02

Tot Ion: 63 Resp: 90180
 Ion Ratio Lower Upper
 63 100
 65 33.7 24.4 36.6

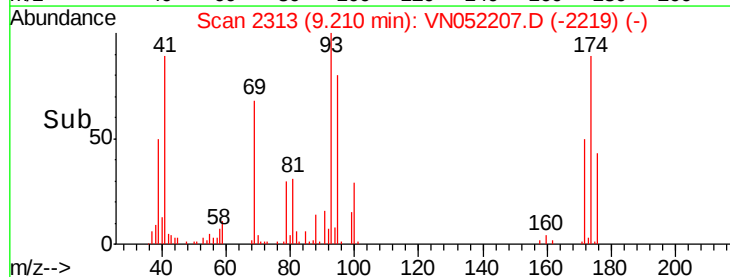
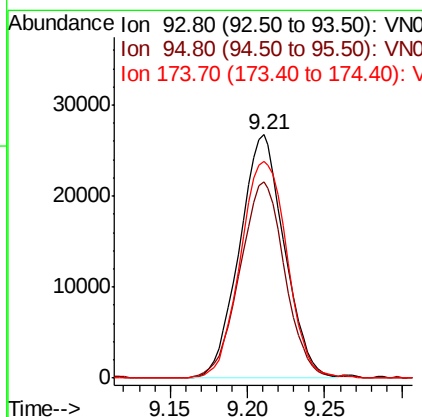
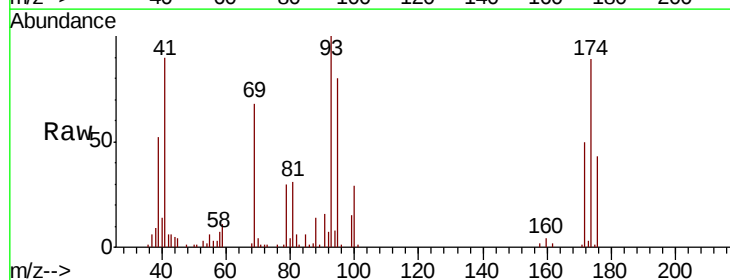
Manual Integrations
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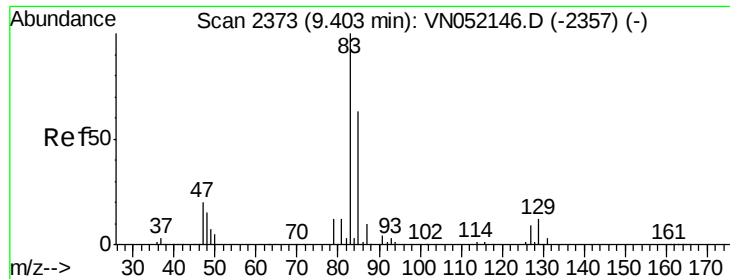
MMDadoda
 11/8/2018 9:14:08 AM



#46
 Dibromomethane
 Concen: 19.929 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN052207.D
 Acq: 7 Nov 2018 15:12

Tgt Ion: 93 Resp: 54051
 Ion Ratio Lower Upper
 93 100
 95 81.0 64.5 96.7
 174 92.5 74.6 112.0





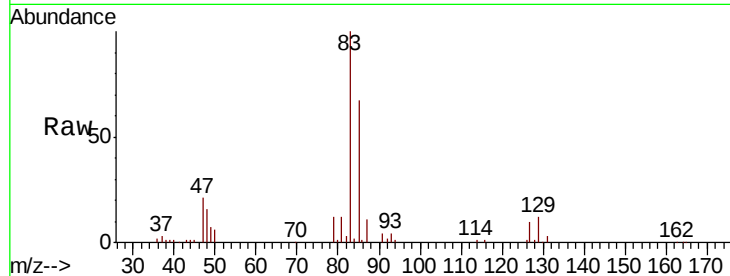
#47
Bromodichloromethane
Concen: 20.951 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD02

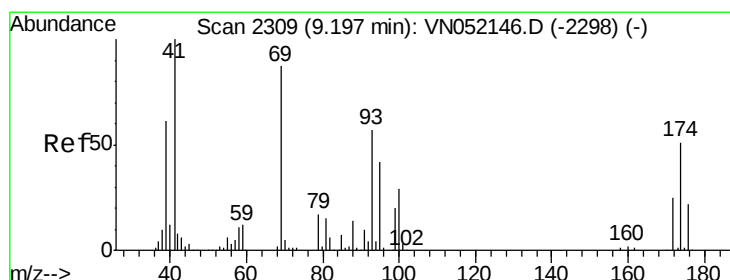
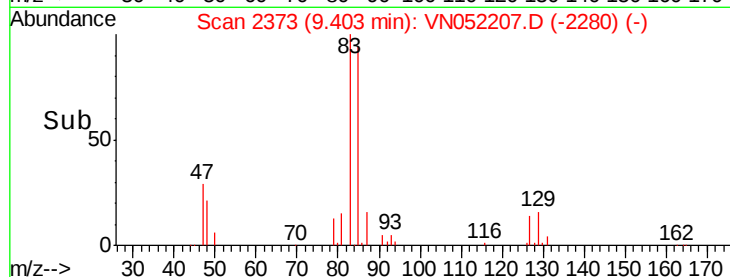
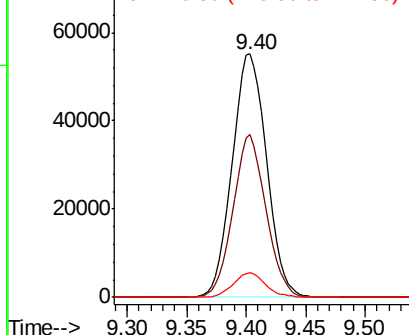
Tot Ion	83	Resp	110819
Ion Ratio	100	Lower	Upper
83	100		
85	66.8	50.5	75.7
127	10.1	7.2	10.8

Manual Integrations
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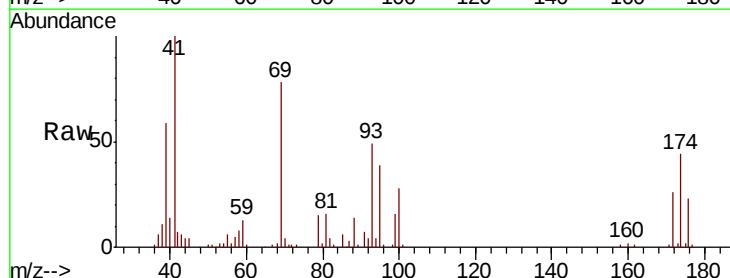


Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO

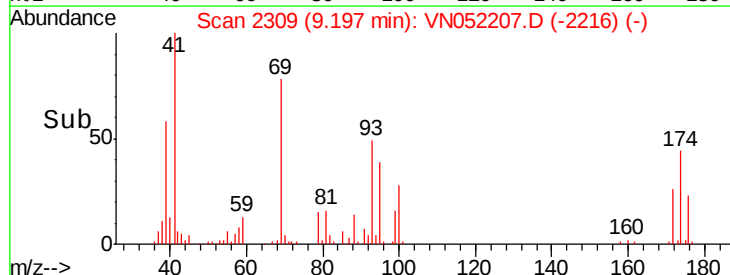
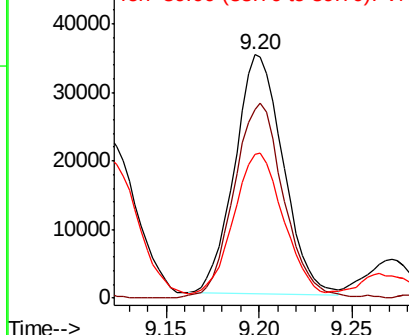


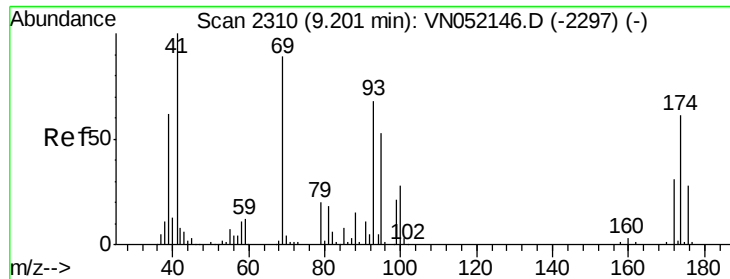
#48
Methyl methacrylate
Concen: 21.009 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Tgt Ion	41	Resp	63201
Ion Ratio	100	Lower	Upper
41	100		
69	83.8	69.7	104.5
39	61.2	50.6	76.0



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





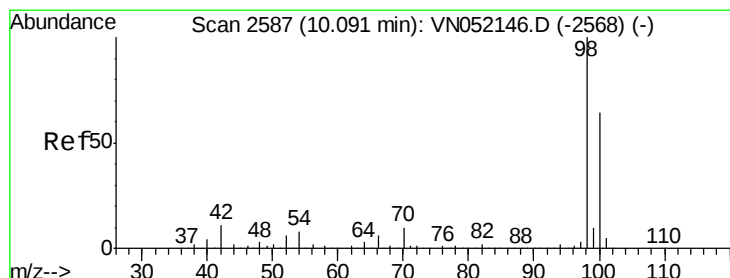
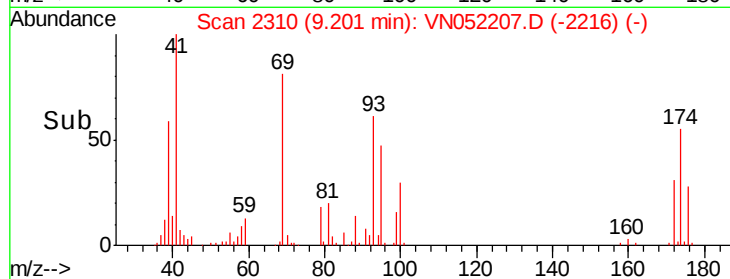
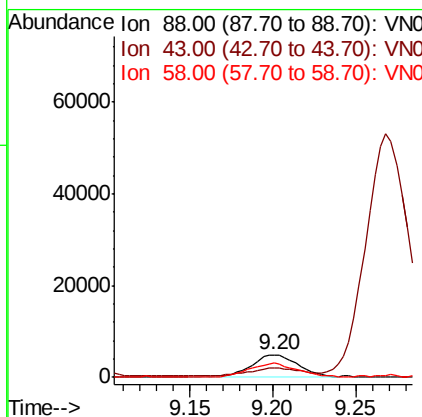
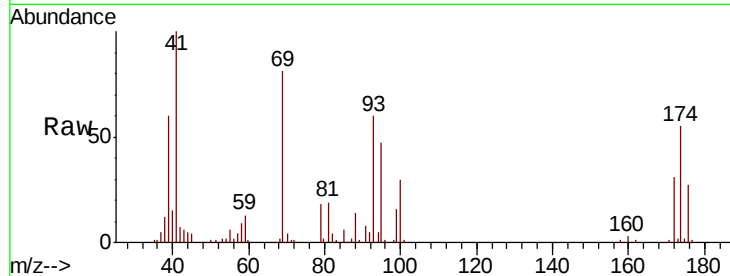
#49
1,4-Dioxane
Concen: 377.942 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD02

Tot Ion	88	Resp	9916
Ion	Ratio	Lower	Upper
88	100		
43	41.8	33.0	49.6
58	62.7	58.6	88.0

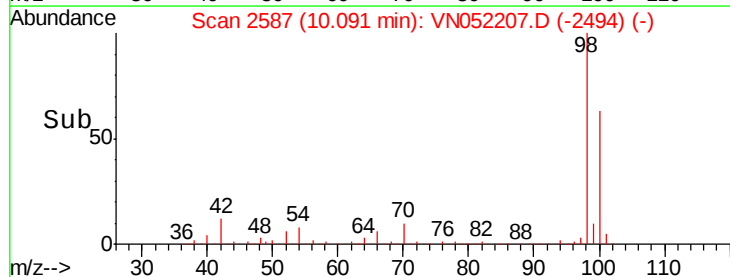
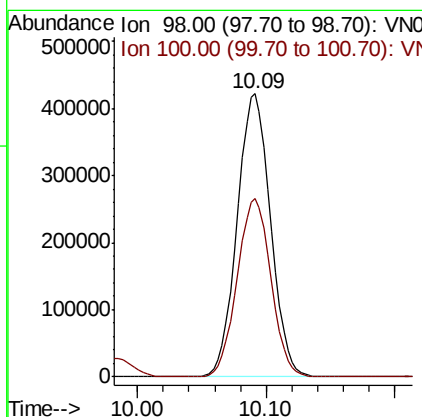
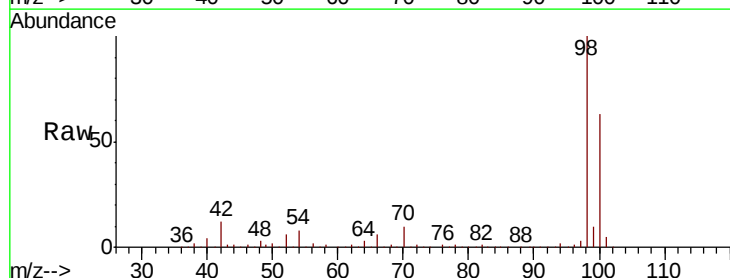
Manual Integrations
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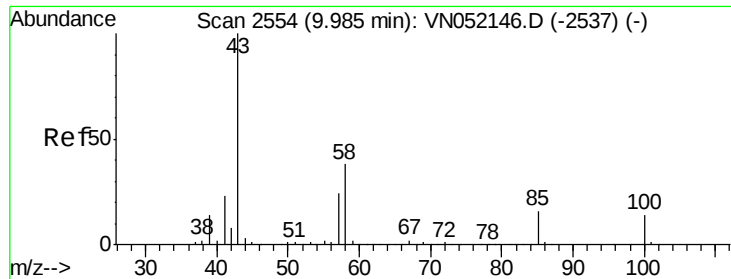
MMDadoda
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#50
Toluene-d8
Concen: 377.942 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Tgt Ion	98	Resp	760133
Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.5	75.7





#51

4-Methyl-2-Pentanone

Concen: 105.593 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN052207.D

Acq: 7 Nov 2018 15:12

Instrument :

MSVOA_N

ClientSampleId :

VN1107WBSD02

Tot Ion: 43 Resp: 348674

Ion Ratio Lower Upper

43 100

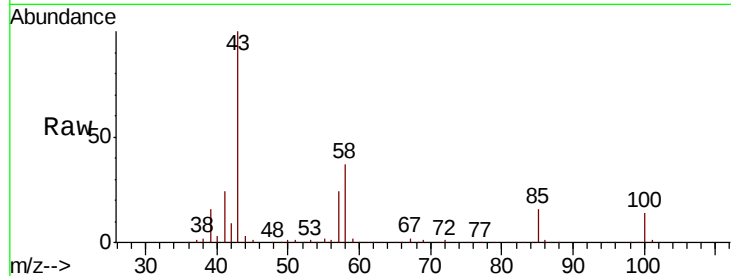
58 36.8 29.6 44.4

Manual Integrations

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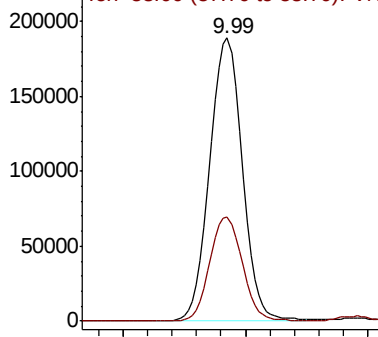
MMDadoda

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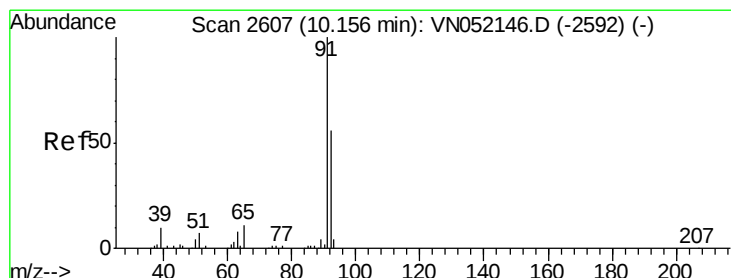
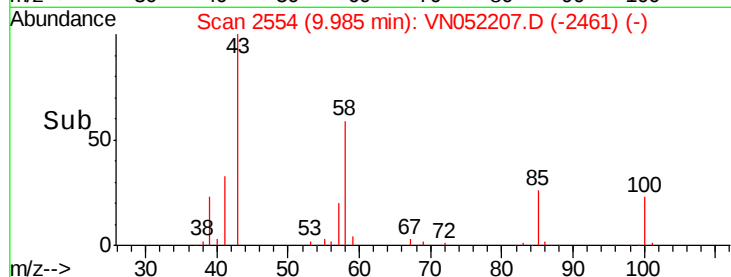


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->



#52

Toluene

Concen: 21.428 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN052207.D

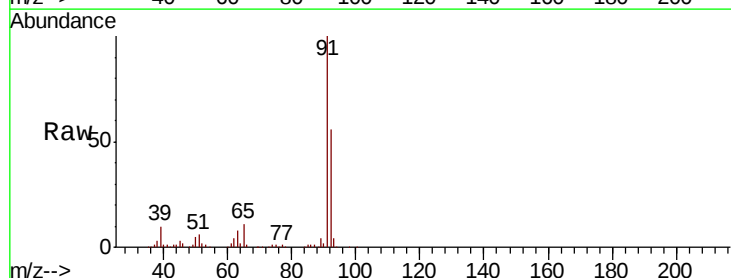
Acq: 7 Nov 2018 15:12

Tgt Ion: 92 Resp: 208078

Ion Ratio Lower Upper

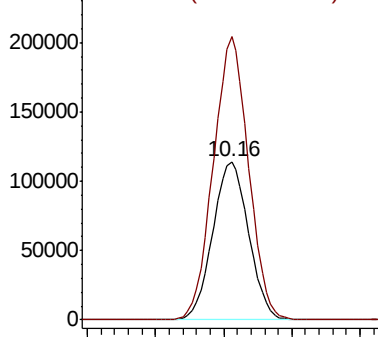
92 100

91 175.4 142.5 213.7

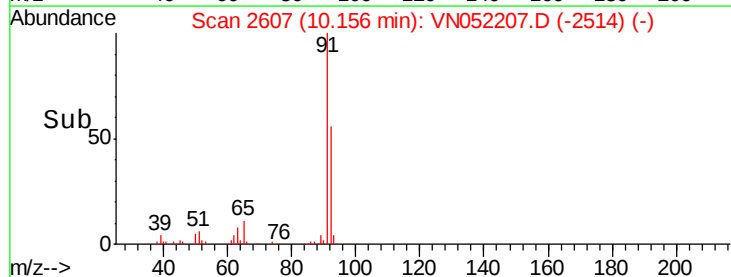


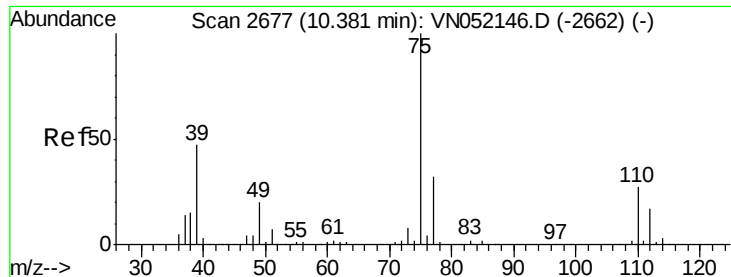
Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



Time-->





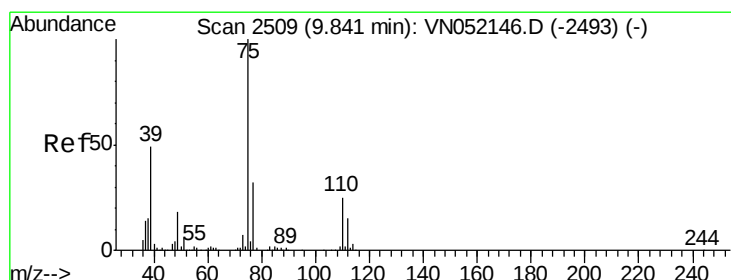
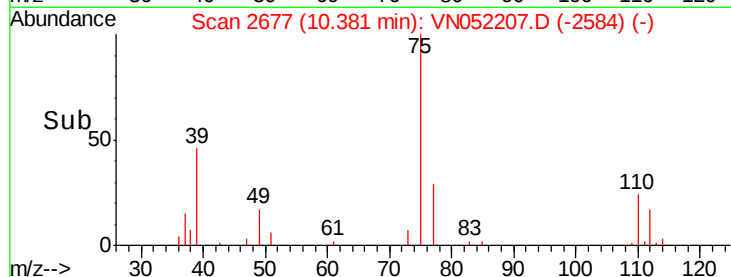
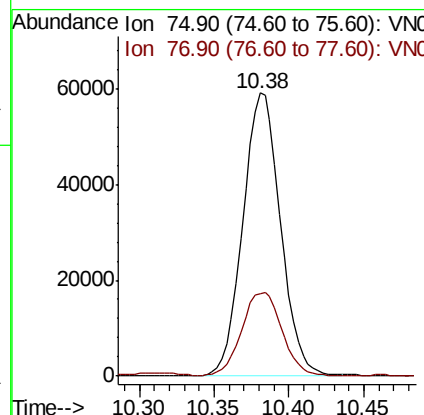
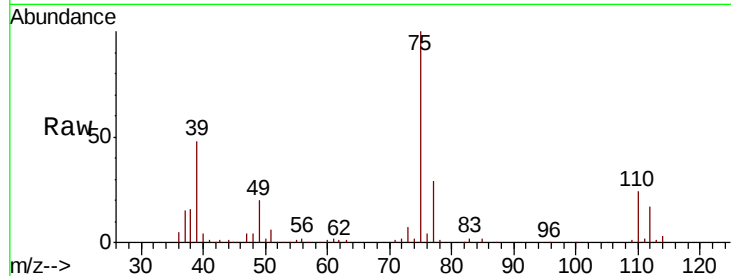
#53
t-1,3-Dichloropropene
Concen: 19.954 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD02

Tot Ion: 75 Resp: 103540
Ion Ratio Lower Upper
75 100
77 29.3 25.8 38.6

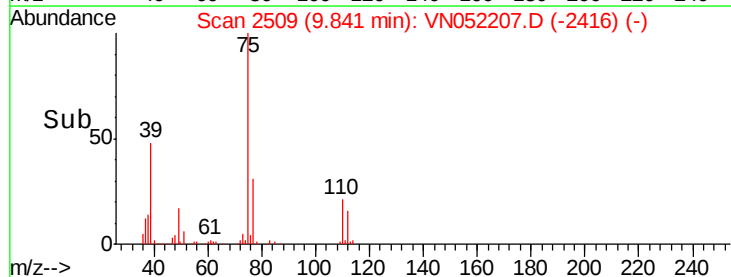
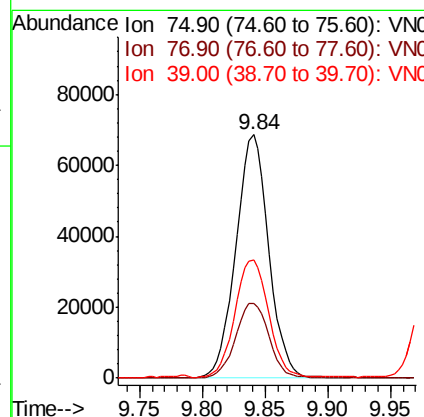
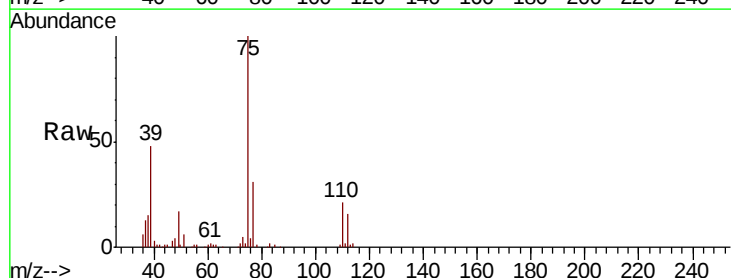
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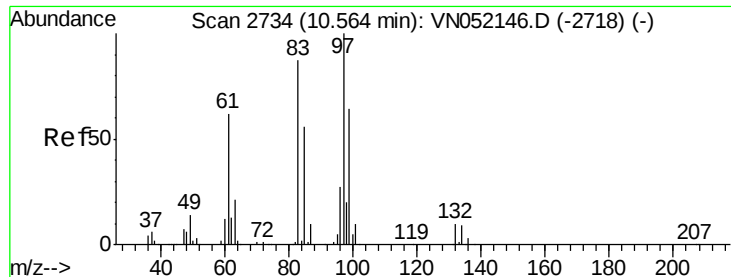
MMDadoda
11/8/2018 9:14:08 AM



#54
cis-1,3-Dichloropropene
Concen: 20.566 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Tgt Ion: 75 Resp: 124880
Ion Ratio Lower Upper
75 100
77 30.7 25.8 38.8
39 48.2 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 21.779 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN052207.D

Acq: 7 Nov 2018 15:12

Instrument :

MSVOA_N

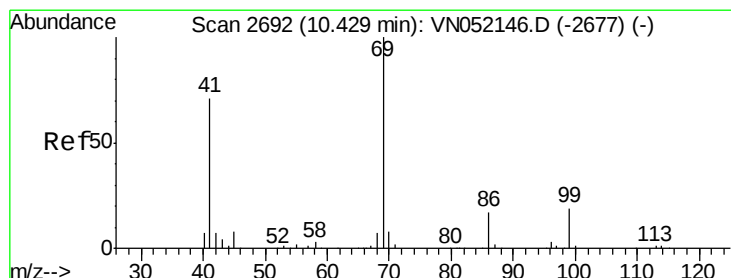
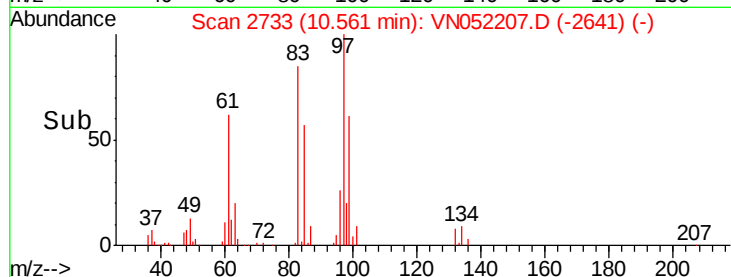
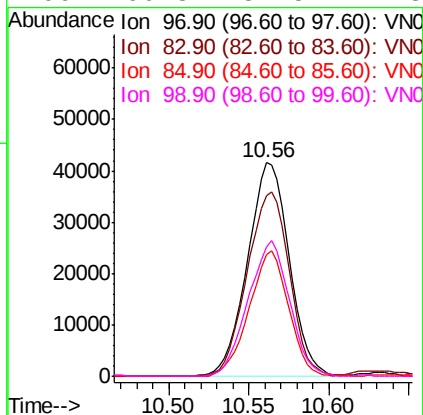
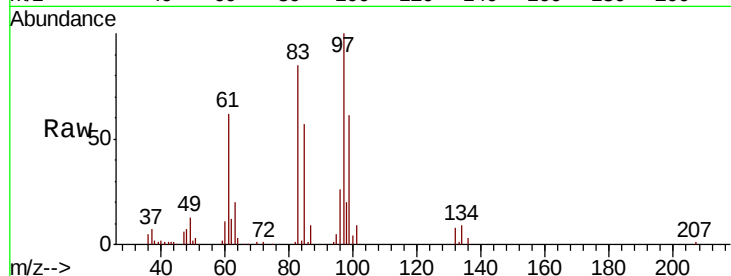
ClientSampleId :

VN1107WBSD02

Tot Ion:	97	Resp:	74565
Ion	Ratio	Lower	Upper
97	100		
83	84.8	69.3	103.9
85	56.8	44.9	67.3
99	60.8	51.5	77.3

Manual Integrations
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#56

Ethyl methacrylate

Concen: 20.598 ug/l

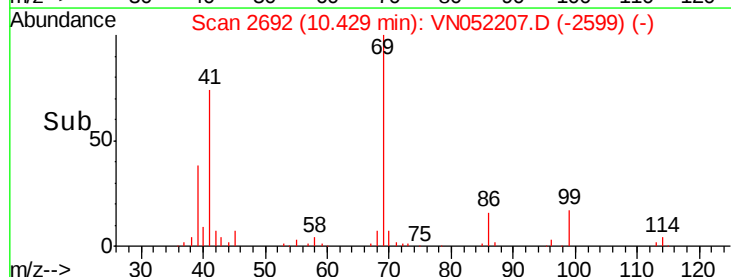
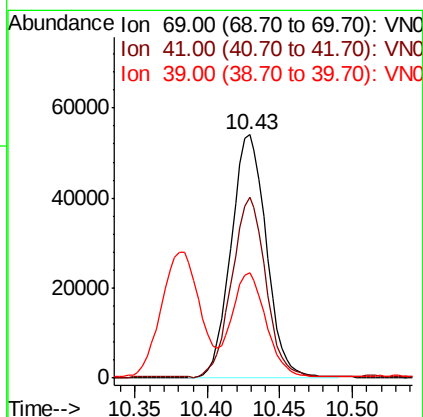
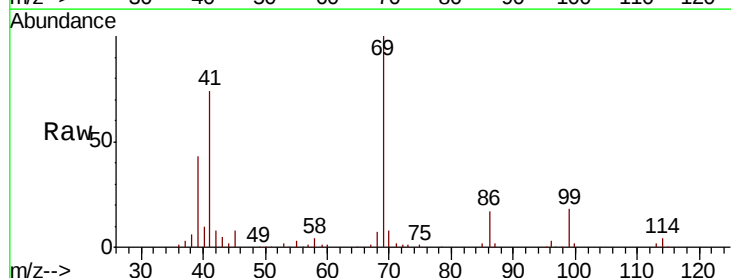
RT: 10.43 min Scan# 2692

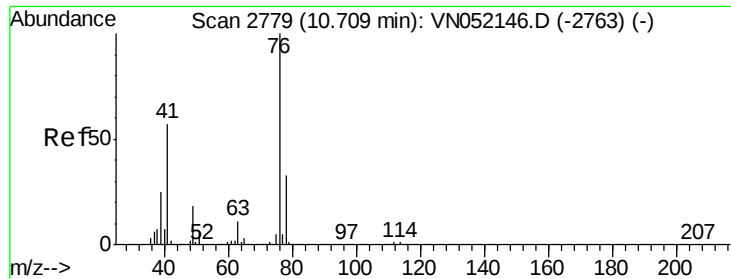
Delta R.T. 0.00 min

Lab File: VN052207.D

Acq: 7 Nov 2018 15:12

Tgt Ion:	69	Resp:	91921
Ion	Ratio	Lower	Upper
69	100		
41	71.1	55.4	83.0
39	41.1	32.0	48.0





#57

1,3-Dichloropropane

Concen: 20.854 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN052207.D

Acq: 7 Nov 2018 15:12

Instrument :

MSVOA_N

ClientSampleId :

VN1107WBSD02

Tot Ion: 76 Resp: 125783

Ion Ratio Lower Upper

76 100

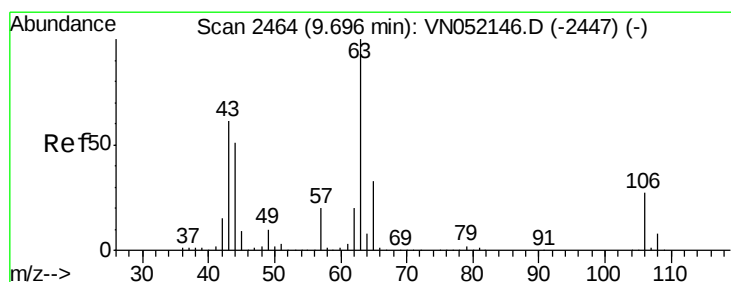
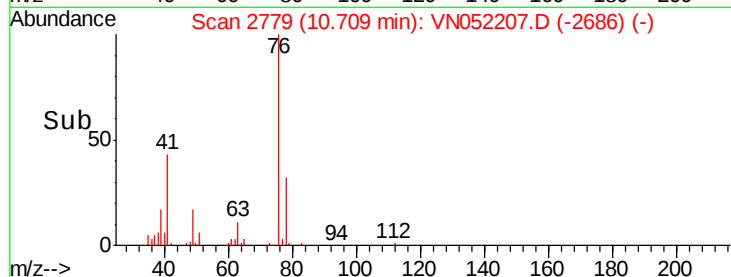
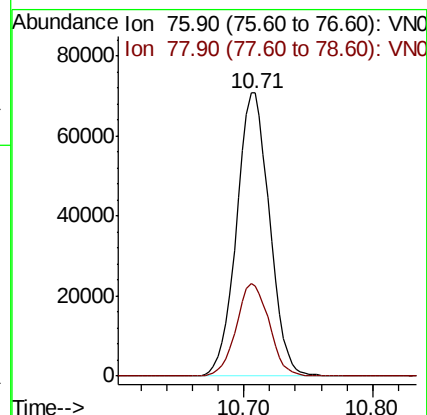
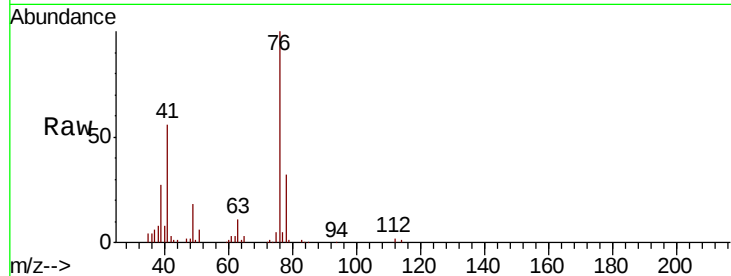
78 32.5 25.5 38.3

Manual Integrations

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MMDadoda

11/8/2018 9:14:08 AM



#58

2-Chloroethyl Vinyl ether

Concen: 107.342 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN052207.D

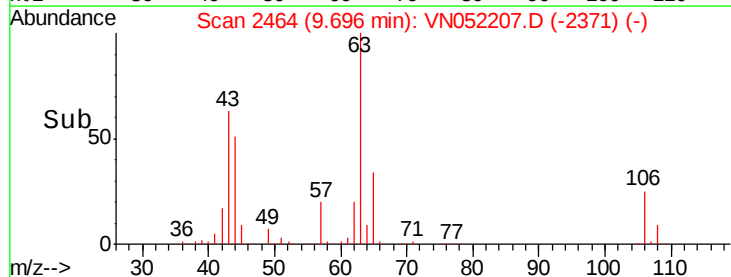
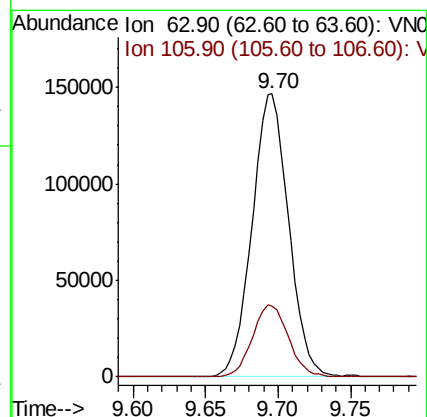
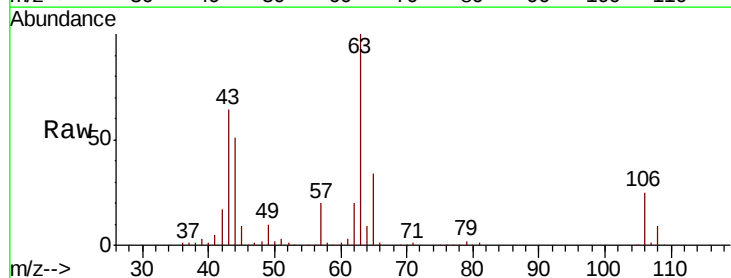
Acq: 7 Nov 2018 15:12

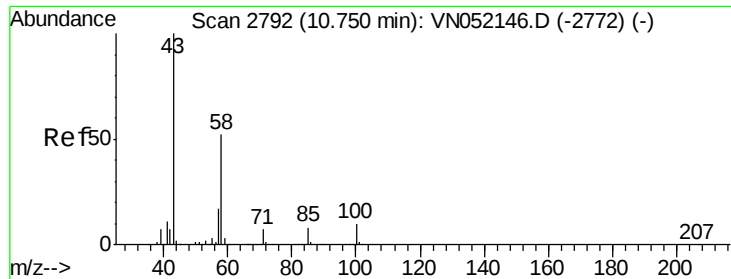
Tgt Ion: 63 Resp: 257799

Ion Ratio Lower Upper

63 100

106 25.1 21.0 31.4





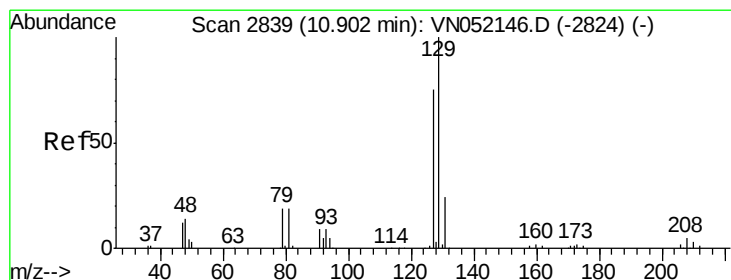
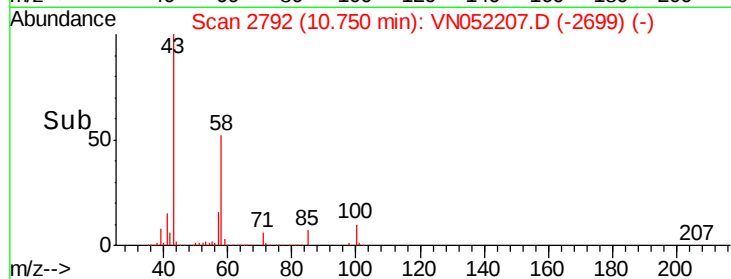
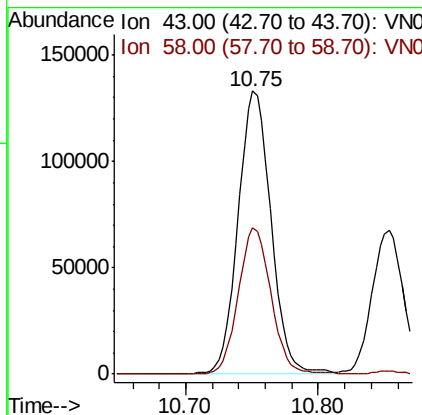
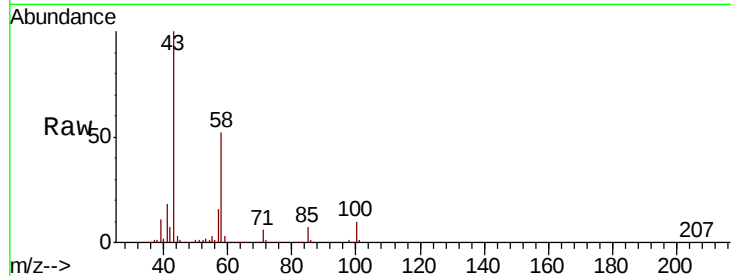
#59
2-Hexanone
Concen: 99.171 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD02

Tot Ion: 43 Resp: 227958
Ion Ratio Lower Upper
43 100
58 51.9 25.8 77.4

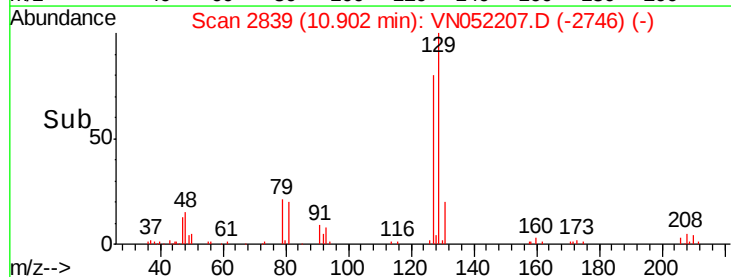
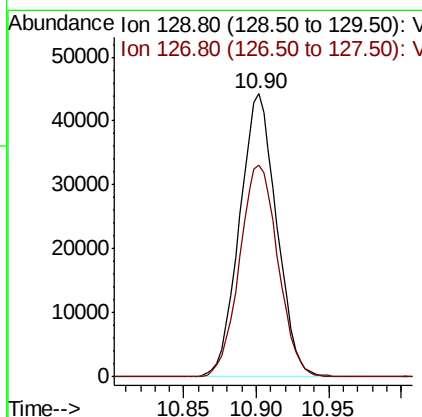
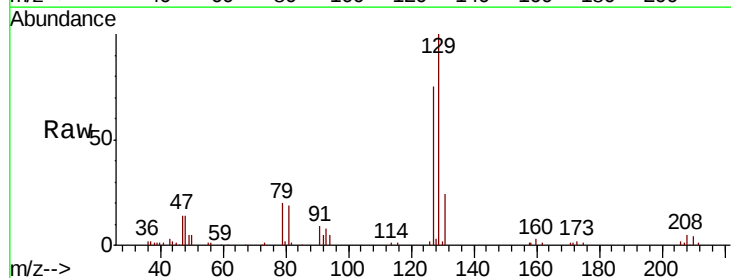
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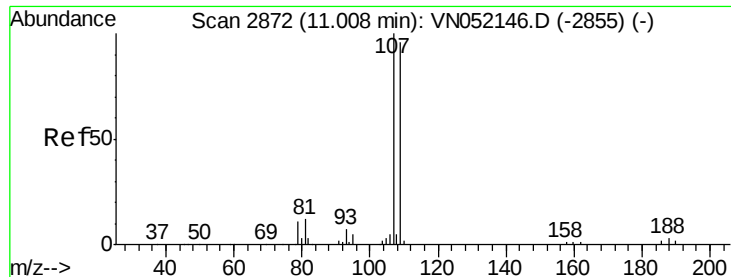
MMDadoda
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#60
Dibromochloromethane
Concen: 20.183 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Tgt Ion: 129 Resp: 78582
Ion Ratio Lower Upper
129 100
127 77.6 38.0 114.1





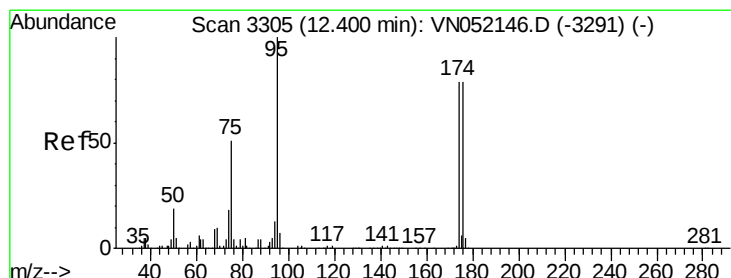
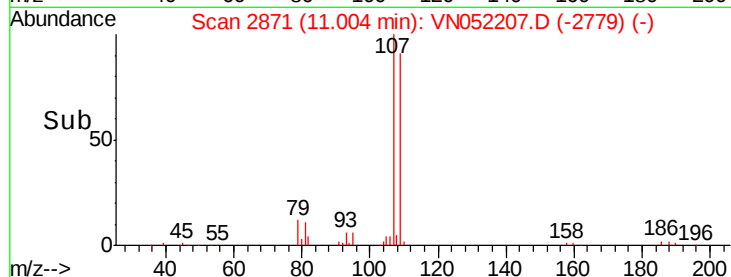
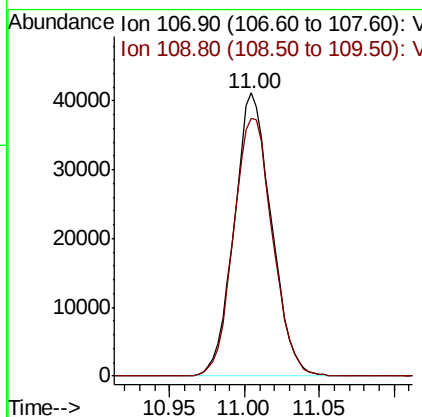
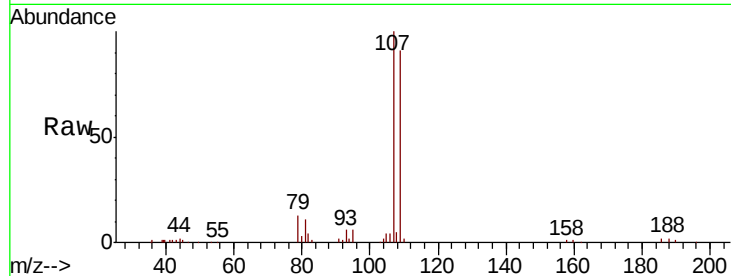
#61
 1,2-Dibromoethane
 Concen: 20.506 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN052207.D
 Acq: 7 Nov 2018 15:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107WBSD02

Tot Ion: 107 Resp: 71267
 Ion Ratio Lower Upper
 107 100
 109 95.5 76.0 114.0

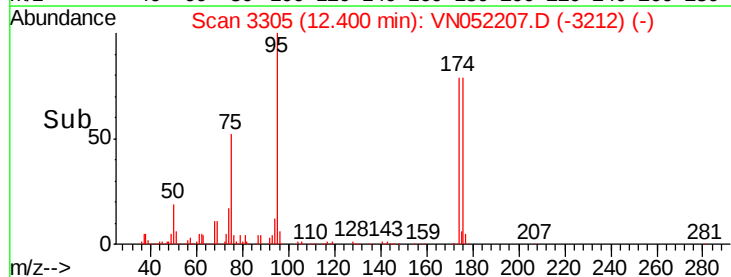
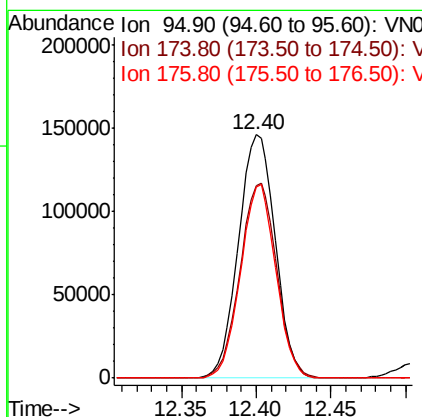
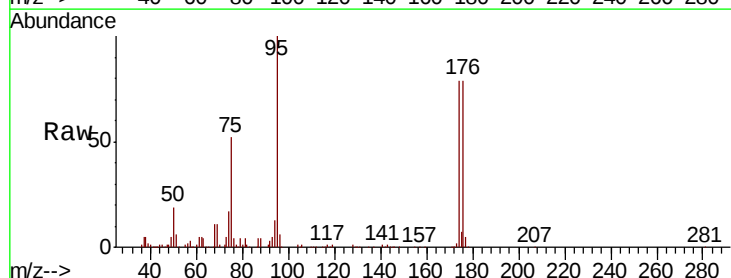
Manual Integrations
 APPROVED

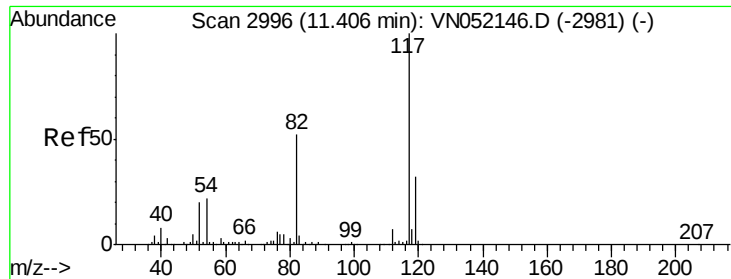
MMDadoda
 11/8/2018 9:14:08 AM



#62
 4-Bromofluorobenzene
 Concen: 20.506 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN052207.D
 Acq: 7 Nov 2018 15:12

Tgt Ion: 95 Resp: 250767
 Ion Ratio Lower Upper
 95 100
 174 79.9 0.0 162.6
 176 76.0 0.0 155.4





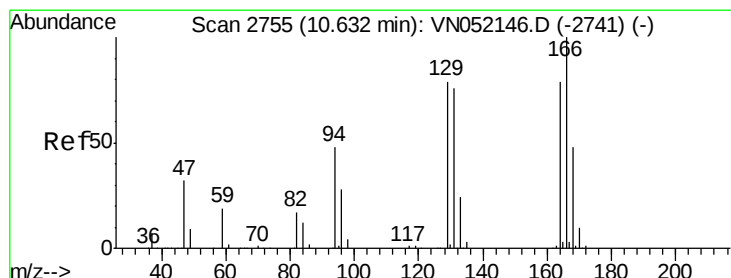
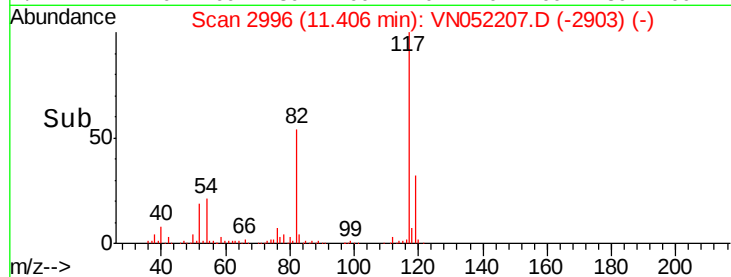
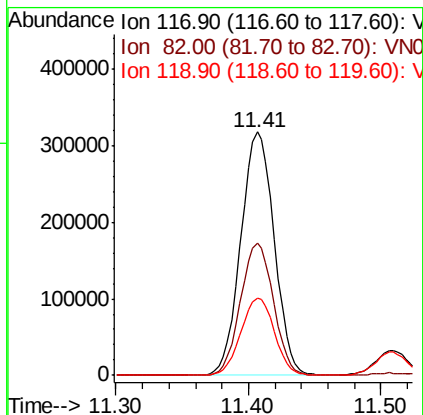
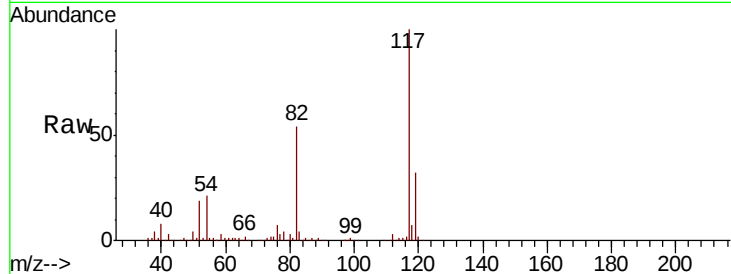
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	557425		
82	54.2		41.9	62.9
119	31.7		25.7	38.5

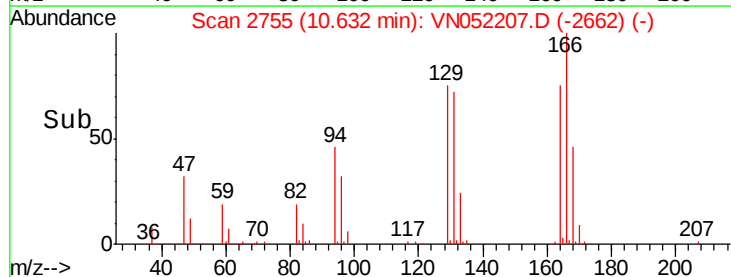
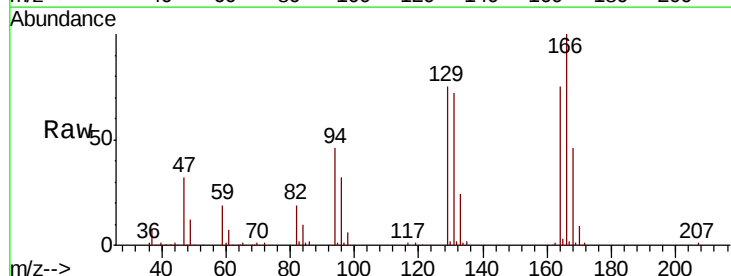
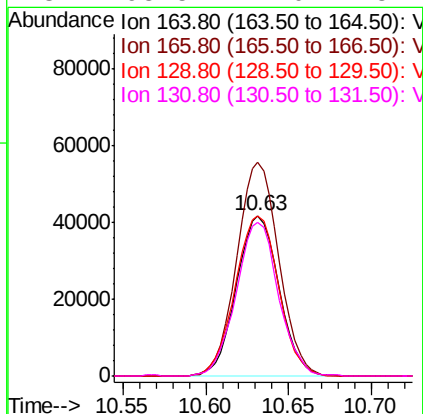
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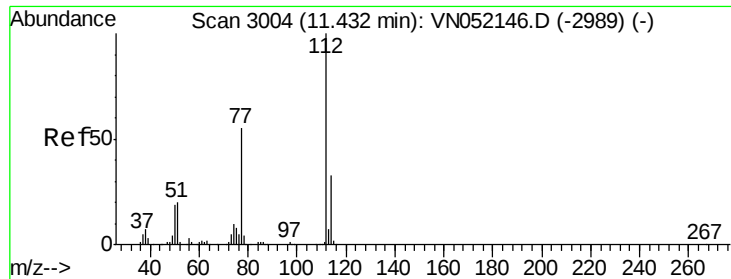
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#64
Tetrachloroethene
Concen: 20.698 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	74746		
166	133.2		100.8	151.2
129	100.2		79.1	118.7
131	95.5		77.0	115.4





#65

Chlorobenzene

Concen: 20.246 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN052207.D

Acq: 7 Nov 2018 15:12

Instrument :

MSVOA_N

ClientSampleId :

VN1107WBSD02

Tot Ion:112 Resp: 230025

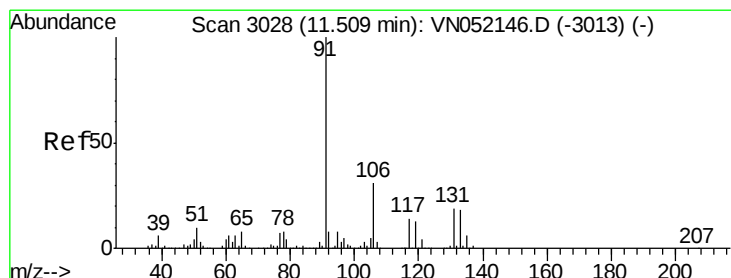
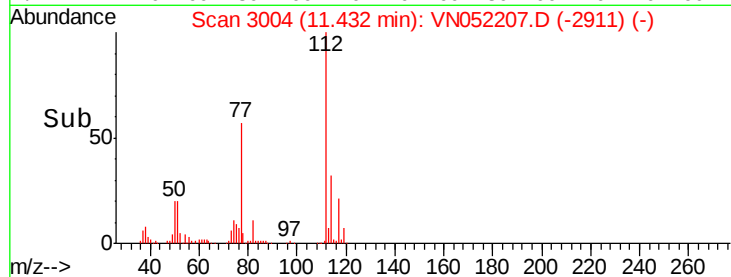
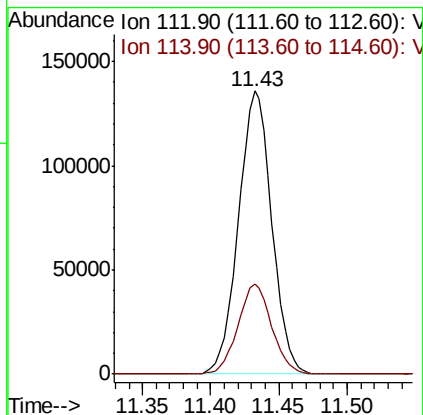
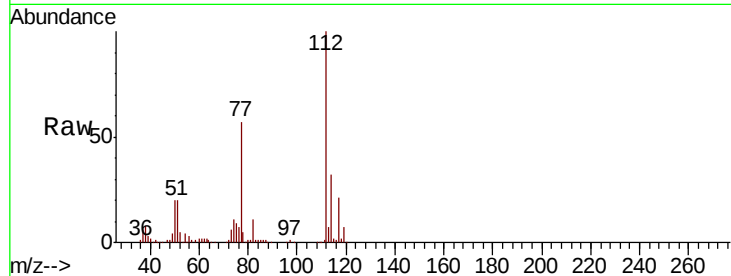
Ion Ratio Lower Upper

112 100

114 32.0 26.2 39.4

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 20.975 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN052207.D

Acq: 7 Nov 2018 15:12

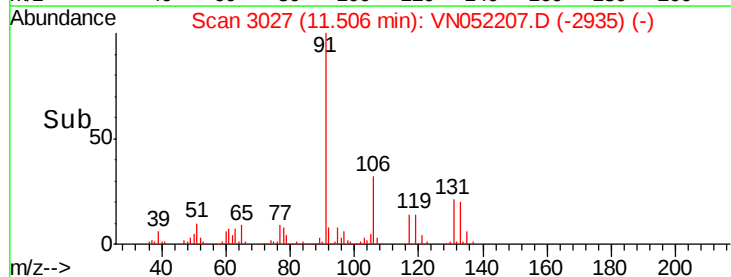
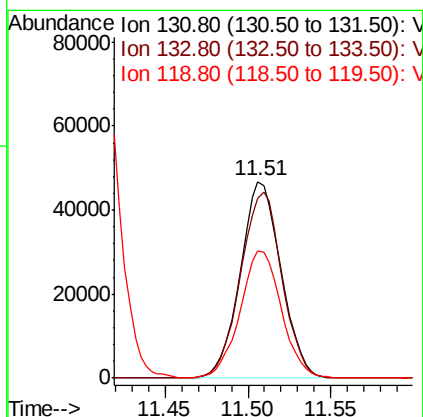
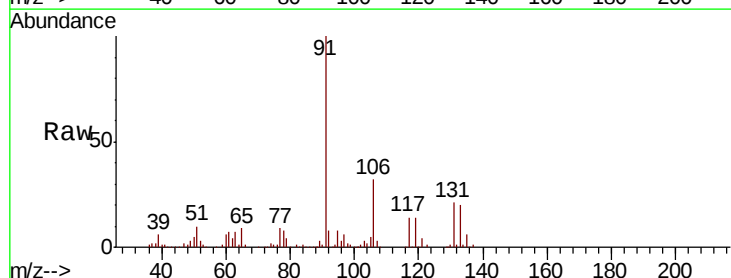
Tgt Ion:131 Resp: 80031

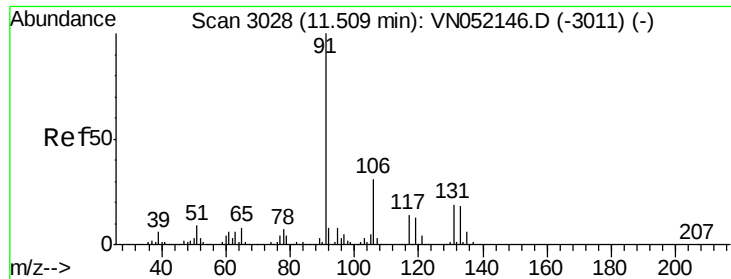
Ion Ratio Lower Upper

131 100

133 96.0 46.6 139.8

119 65.7 33.6 100.8





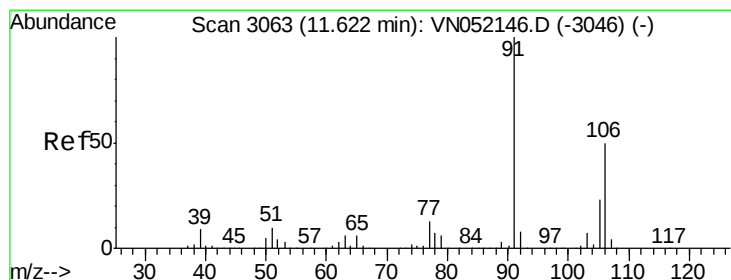
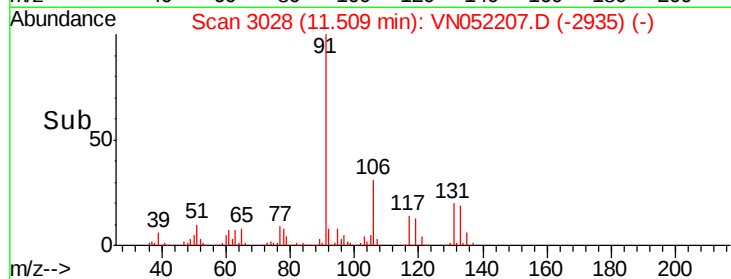
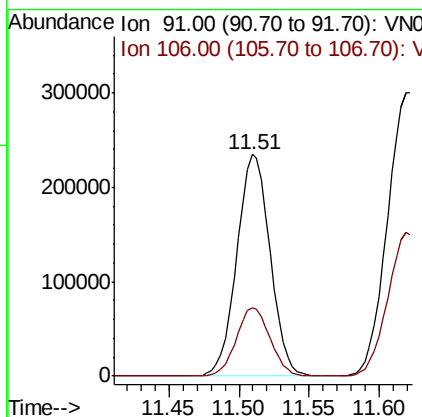
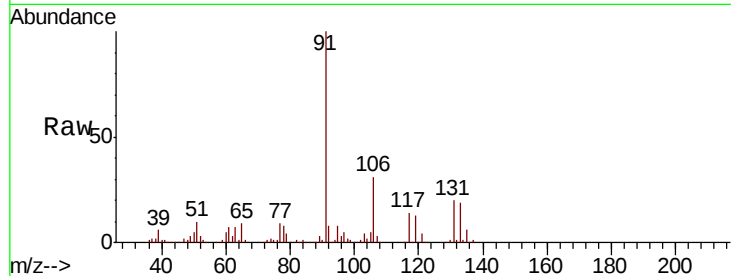
#67
Ethyl Benzene
Concen: 20.588 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD02

Tot Ion: 91 Resp: 388520
Ion Ratio Lower Upper
91 100
106 31.1 25.1 37.7

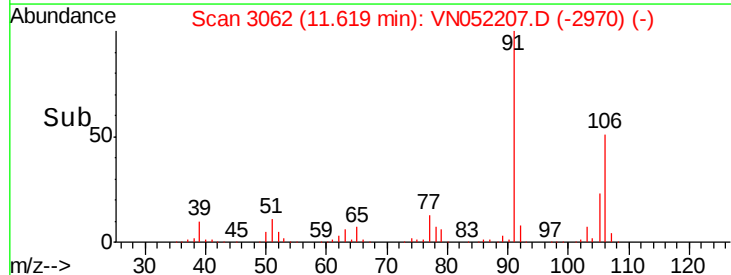
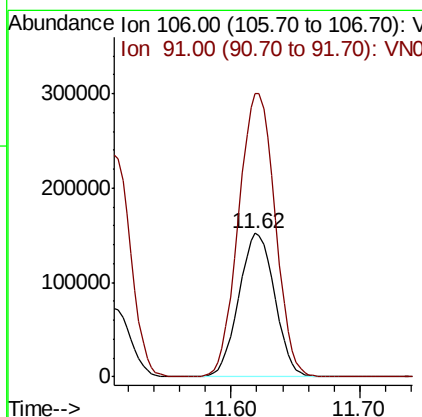
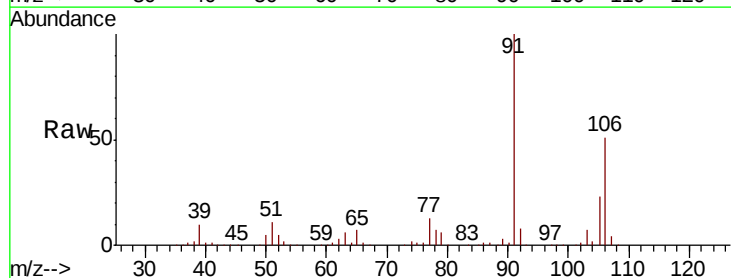
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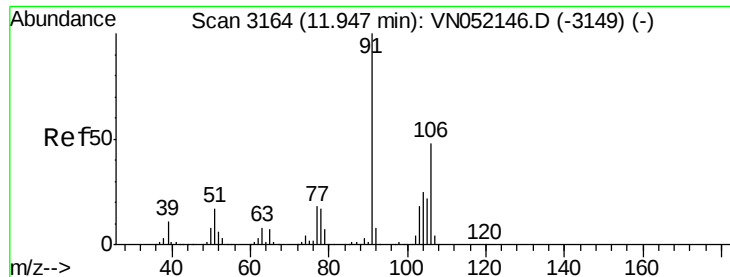
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#68
m/p-Xylenes
Concen: 40.524 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Tgt Ion: 106 Resp: 295073
Ion Ratio Lower Upper
106 100
91 201.0 158.2 237.4





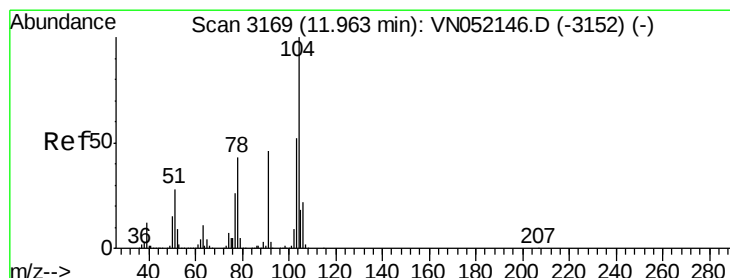
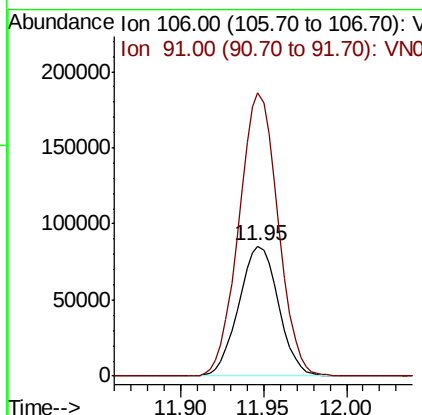
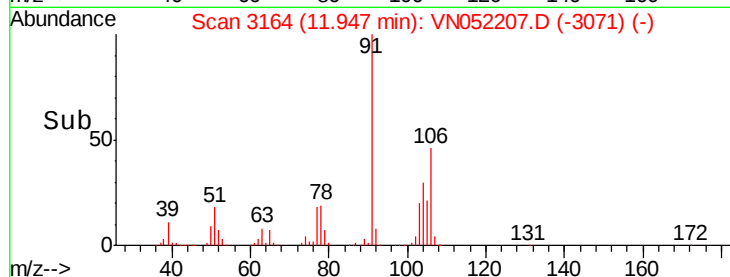
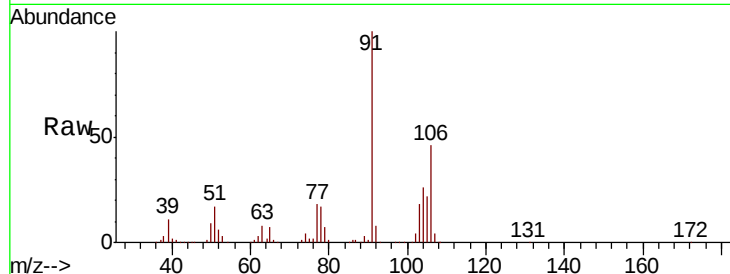
#69
o-Xylene
Concen: 20.137 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD02

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	214.6	104.8	314.3	

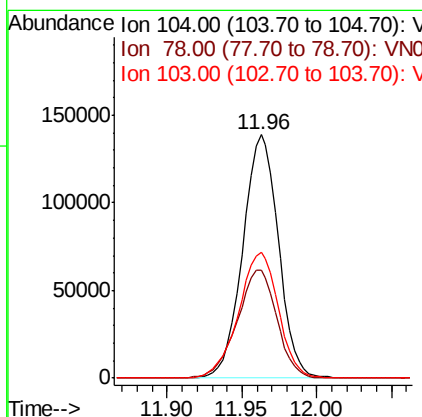
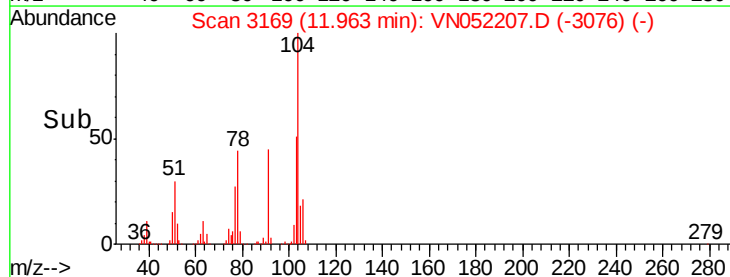
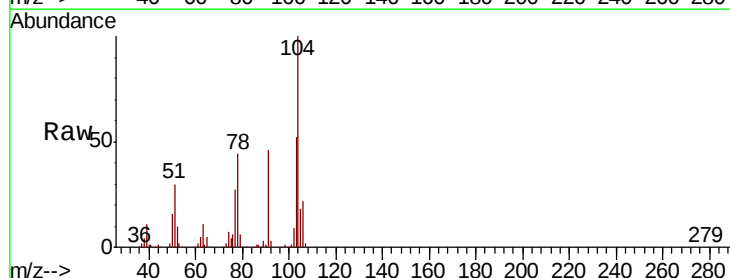
Manual Integrations
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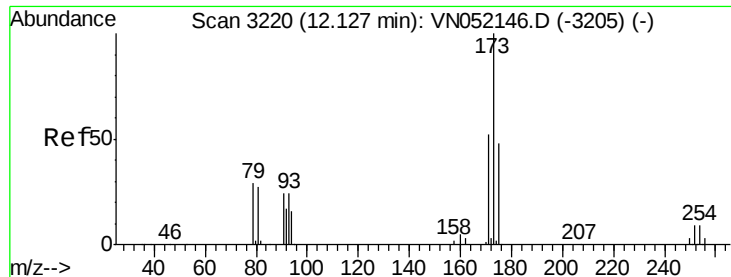
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#70
Styrene
Concen: 20.642 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	49.5	39.4	59.0	
103	57.4	45.1	67.7	





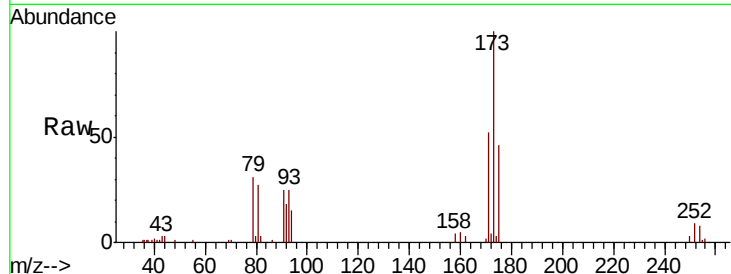
#71
Bromoform
Concen: 19.359 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD02

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.7	24.8	74.4
254	0.3	0.2	0.2#

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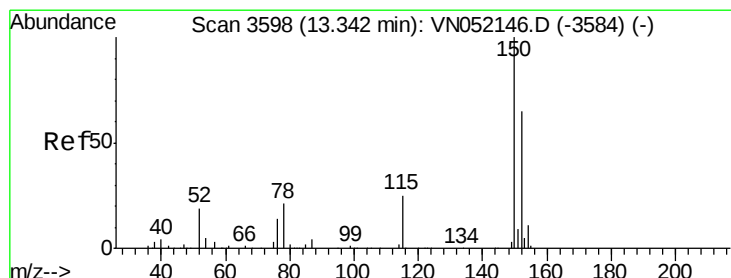
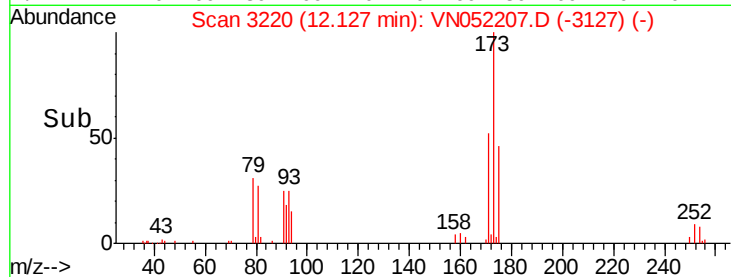
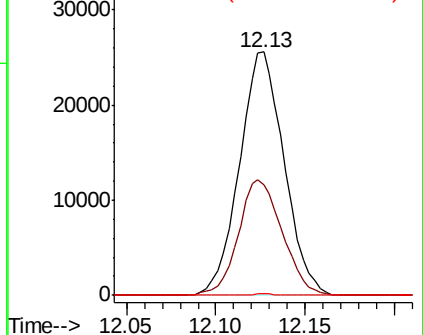


Abundance

Ion 172.70 (172.40 to 173.40): V

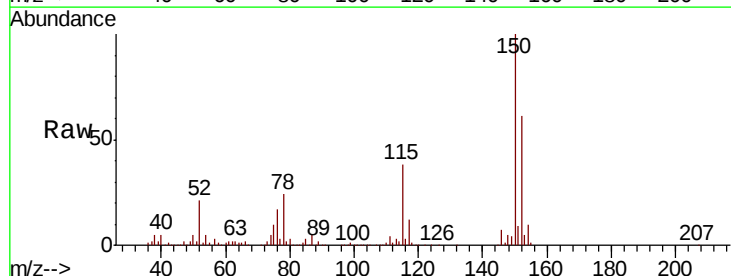
Ion 174.70 (174.40 to 175.40): V

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: VN052207.D
Acq: 7 Nov 2018 15:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.9	28.5	85.5
150	167.0	0.0	348.6

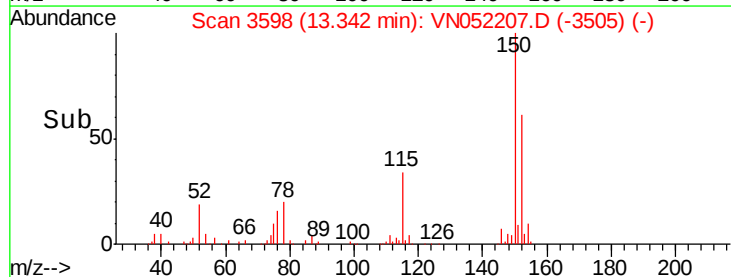
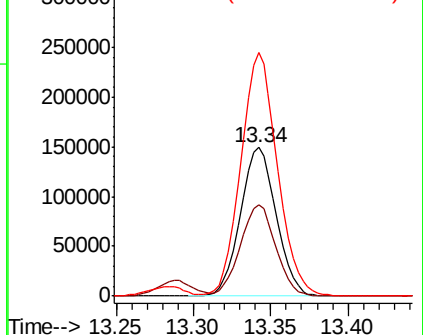


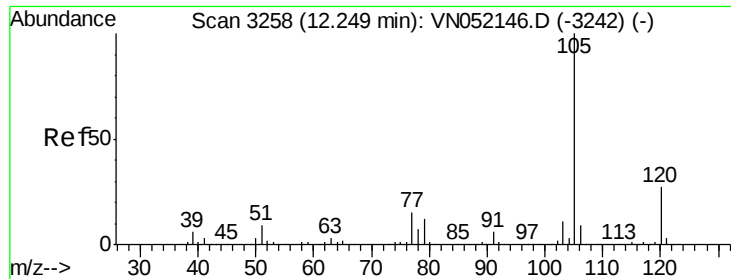
Abundance

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: 21.075 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN052207.D

Acq: 7 Nov 2018 15:12

Instrument :

MSVOA_N

ClientSampleId :

VN1107WBSD02

Tot Ion: 105 Resp: 383006

Ion Ratio Lower Upper

105 100

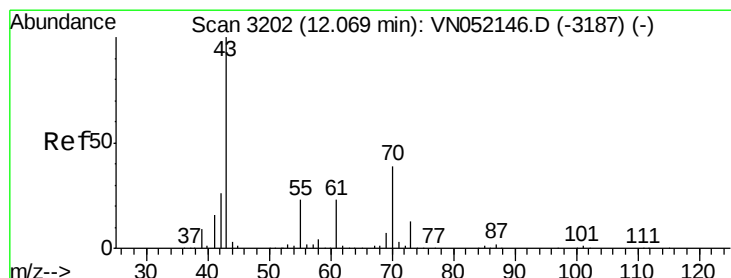
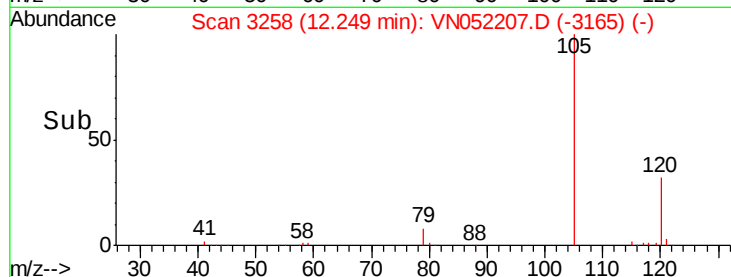
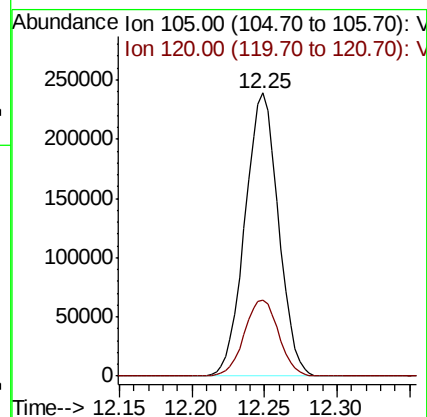
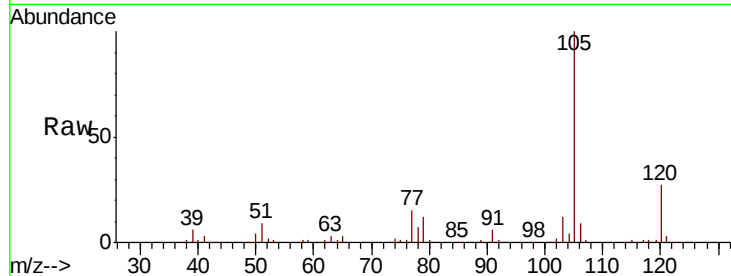
120 27.7 13.3 39.9

Manual Integrations

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#74

N-ethyl acetate

Concen: 21.668 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN052207.D

Acq: 7 Nov 2018 15:12

Tgt Ion: 43 Resp: 116851

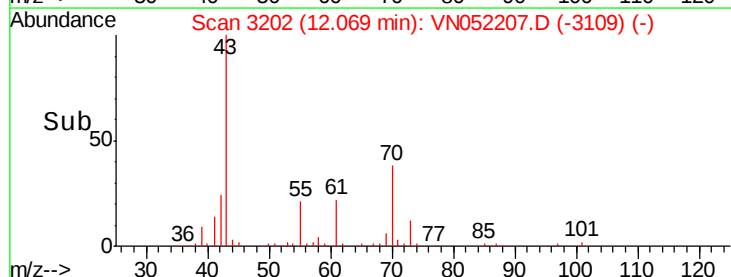
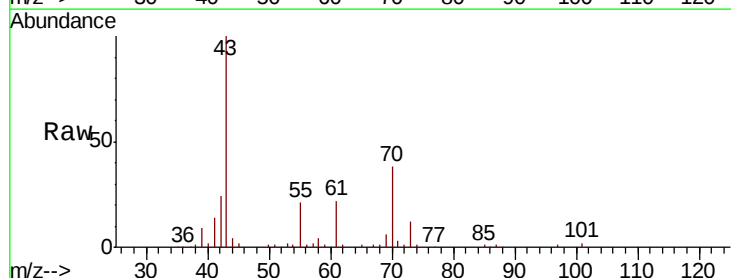
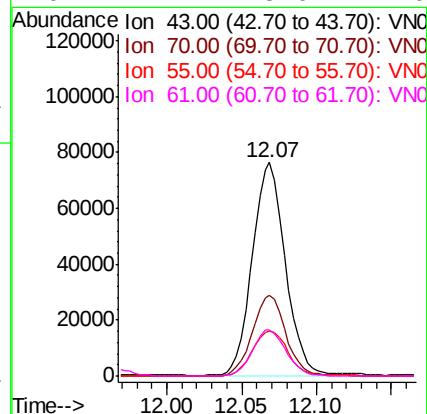
Ion Ratio Lower Upper

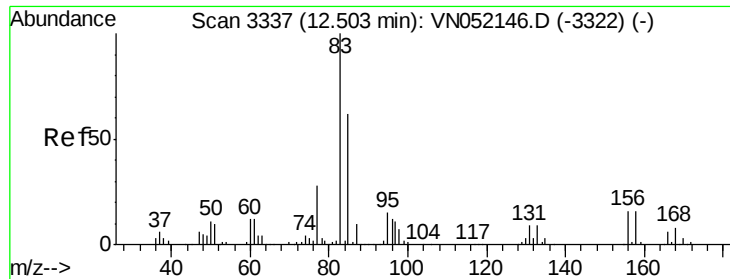
43 100

70 38.6 31.1 46.7

55 22.9 18.5 27.7

61 22.2 18.0 27.0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.557 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN052207.D

Acq: 7 Nov 2018 15:12

Instrument :

MSVOA_N

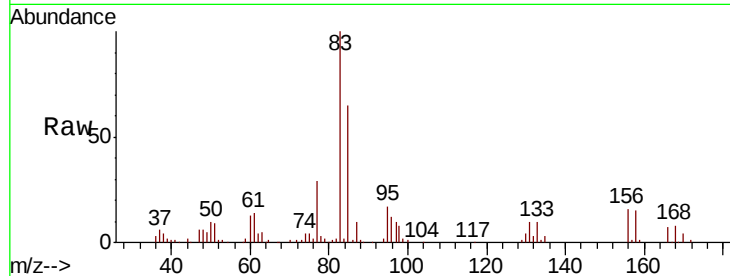
ClientSampleId :

VN1107WBSD02

Tot Ion:	83	Resp:	85750
Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.0	14.9
85	65.1	31.8	95.3

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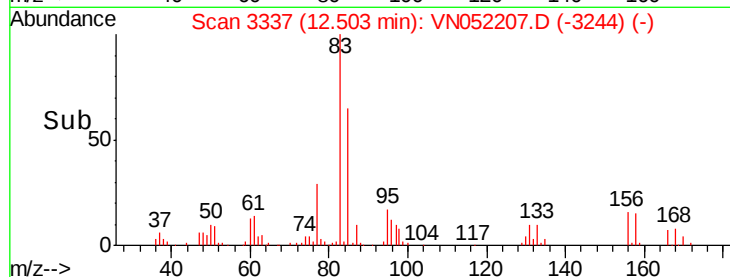


Abundance Ion 82.90 (82.60 to 83.60): VN052207.D (-3244) (-)

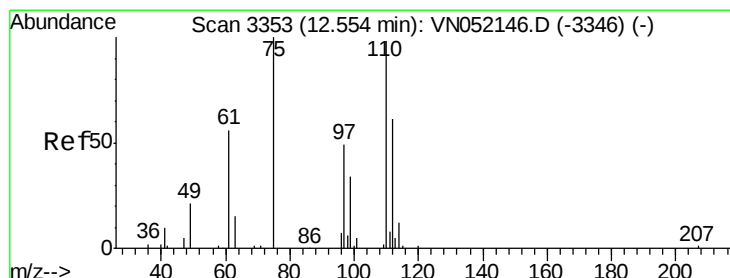
Ion 130.80 (130.50 to 131.50): VN052207.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN052207.D (-3244) (-)

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 17.159 ug/l m

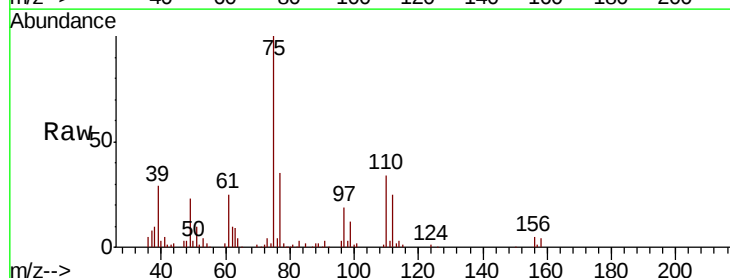
RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN052207.D

Acq: 7 Nov 2018 15:12

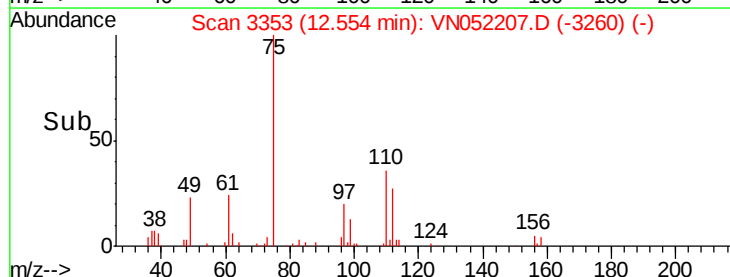
Tgt Ion:	75	Resp:	64903
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN052207.D (-3260) (-)

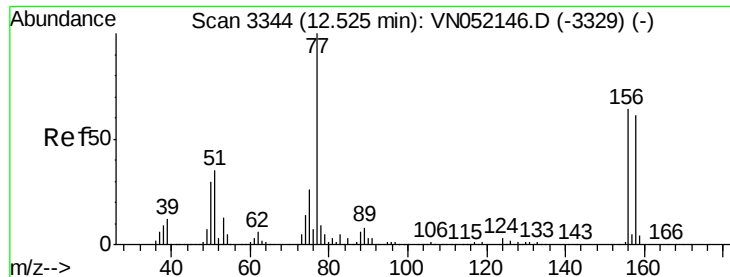
Ion 77.00 (76.70 to 77.70): VN052207.D (-3260) (-)

Time-->



Time-->

Time-->



#77

Bromobenzene

Concen: 20.415 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN052207.D

Acq: 7 Nov 2018 15:12

Instrument :

MSVOA_N

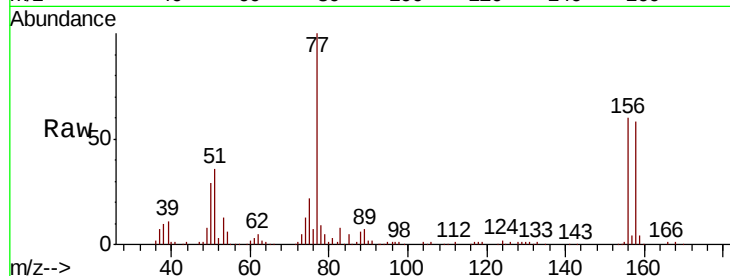
ClientSampleId :

VN1107WBSD02

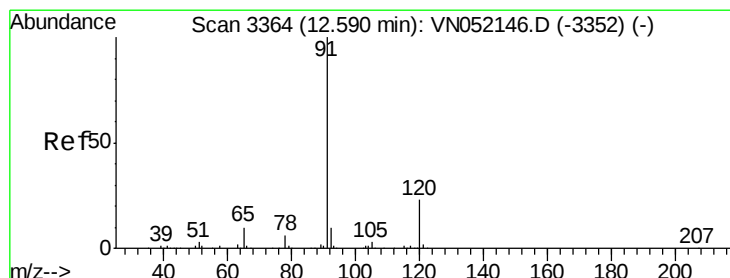
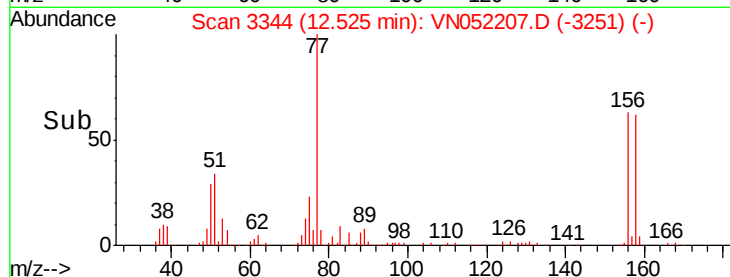
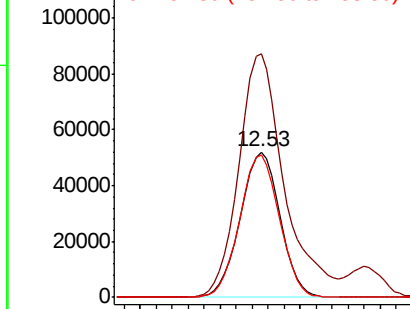
Tot Ion:	156	Resp:	88471
Ion Ratio	Lower	Upper	
156	100		
77	192.1	91.6	274.9
158	97.4	48.1	144.3

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.885 ug/l

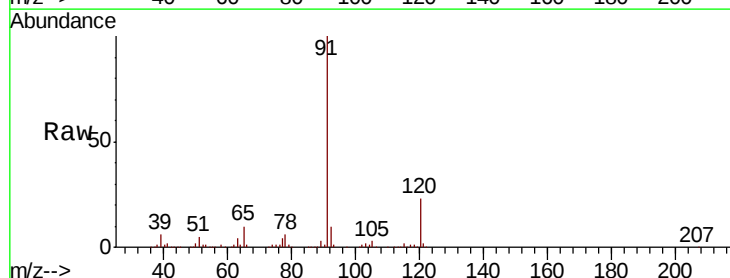
RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

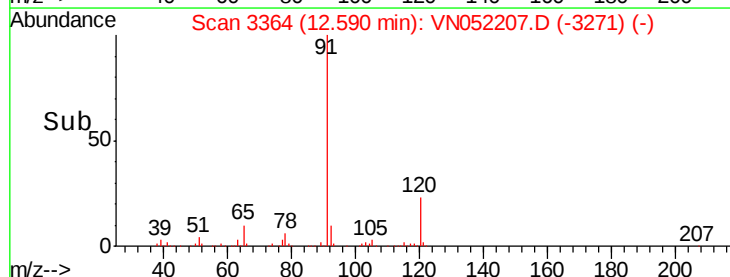
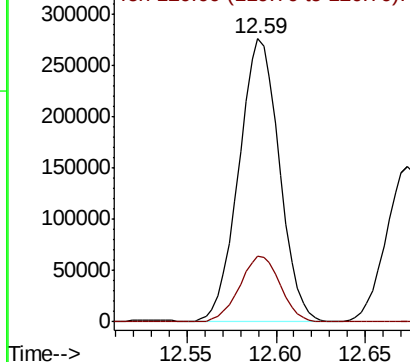
Lab File: VN052207.D

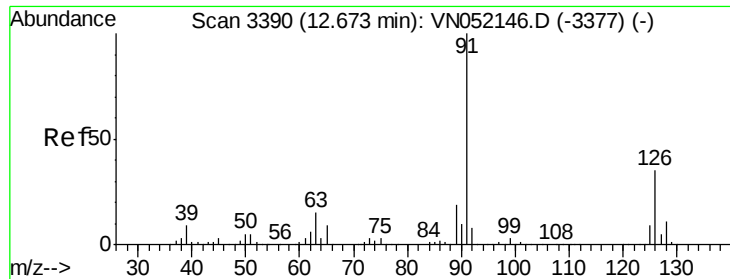
Acq: 7 Nov 2018 15:12

Tgt Ion:	91	Resp:	433755
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.9	35.7



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V





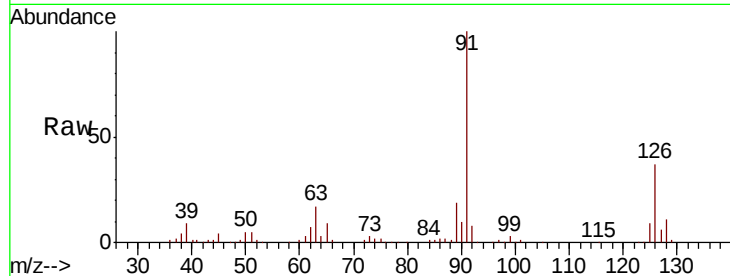
#79
2-Chlorotoluene
Concen: 20.847 ug/l
RT: 12.67 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD02

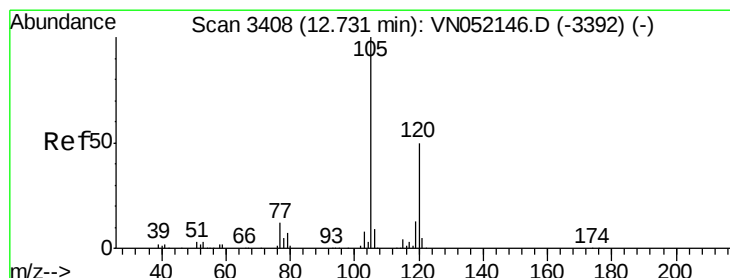
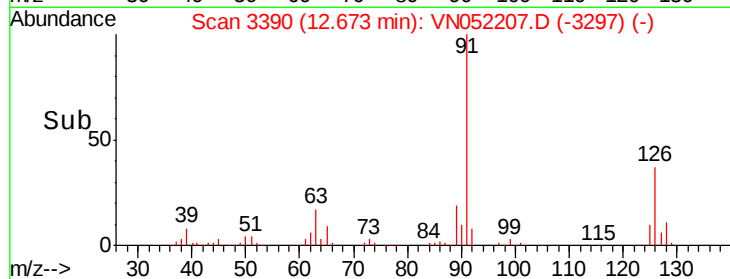
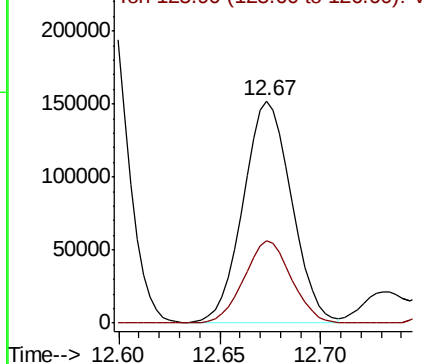
Tot Ion: 91 Resp: 253900
Ion Ratio Lower Upper
91 100
126 36.6 18.0 54.0

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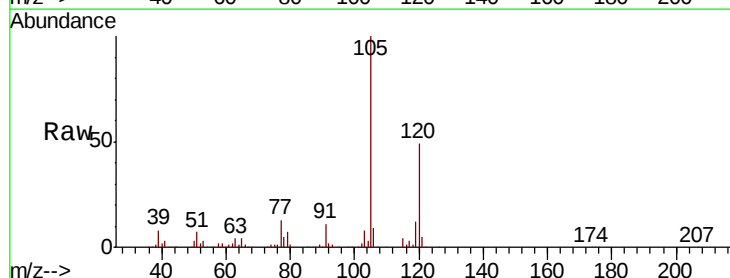


Abundance Ion 91.00 (90.70 to 91.70): VN052146.D (-3377) (-)
Ion 125.90 (125.60 to 126.60): VN052146.D (-3377) (-)

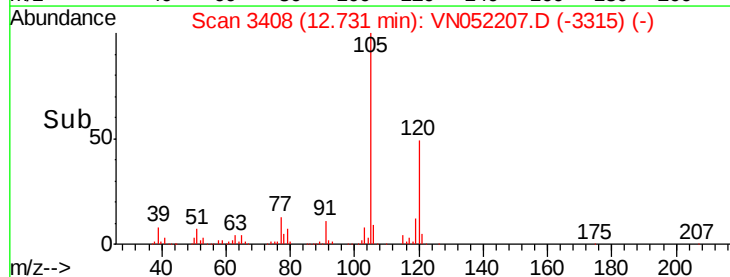
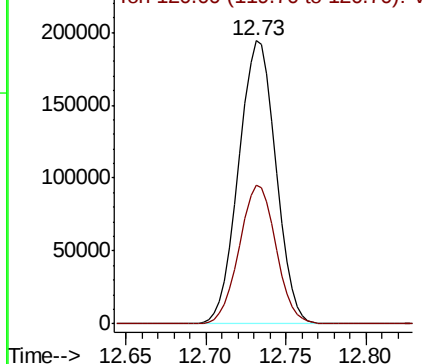


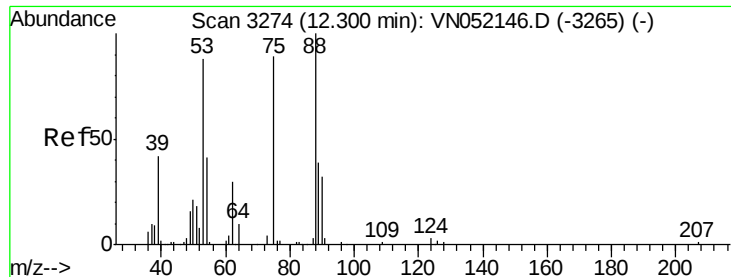
#80
1,3,5-Trimethylbenzene
Concen: 20.941 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Tgt Ion: 105 Resp: 308040
Ion Ratio Lower Upper
105 100
120 48.3 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VN052146.D (-3392) (-)
Ion 120.00 (119.70 to 120.70): VN052146.D (-3392) (-)





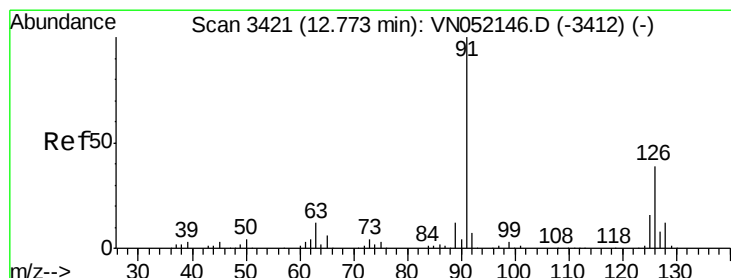
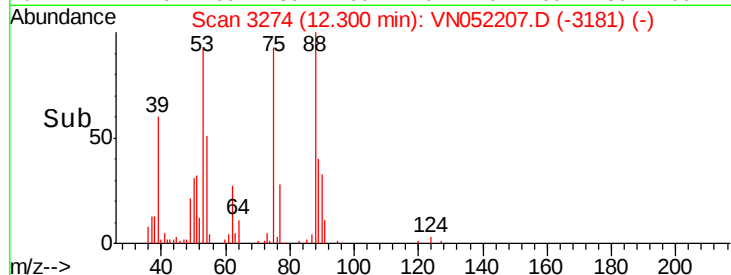
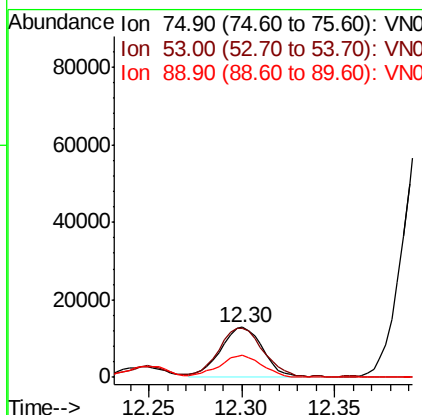
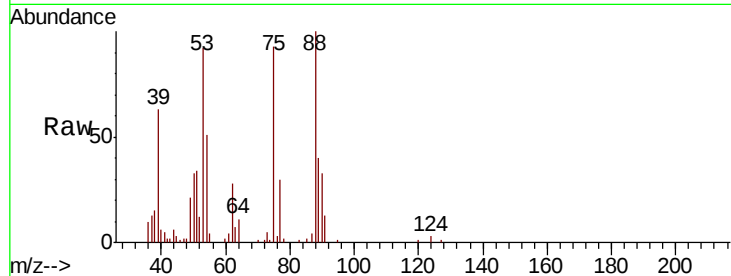
#81
trans-1,4-Dichloro-2-butene
Concen: 19.653 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.4	79.4	119.0
89	44.1	35.8	53.8

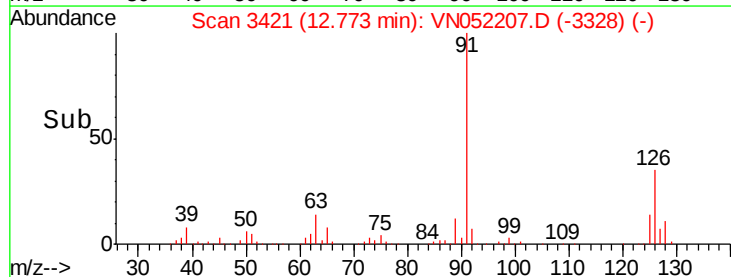
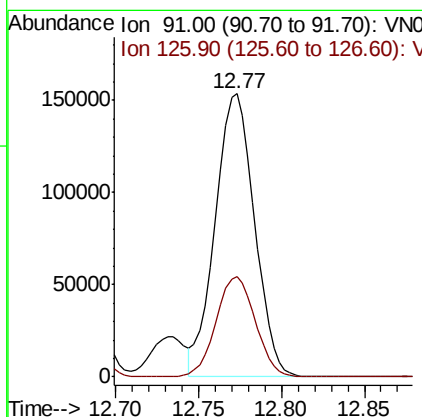
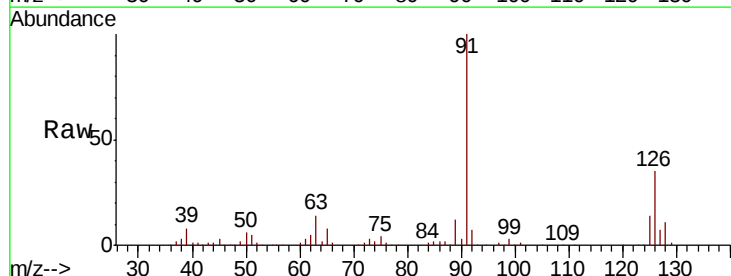
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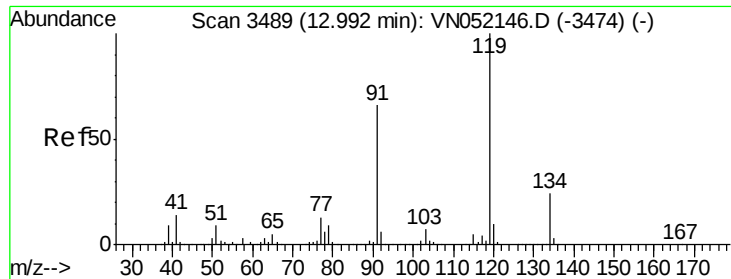
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#82
4-Chlorotoluene
Concen: 20.696 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.3	17.8	53.5





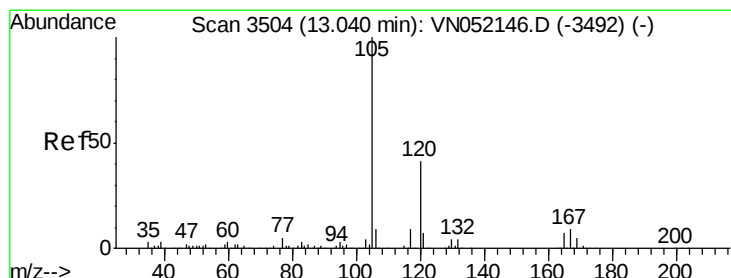
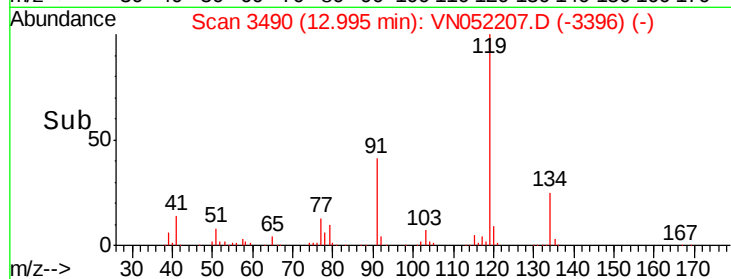
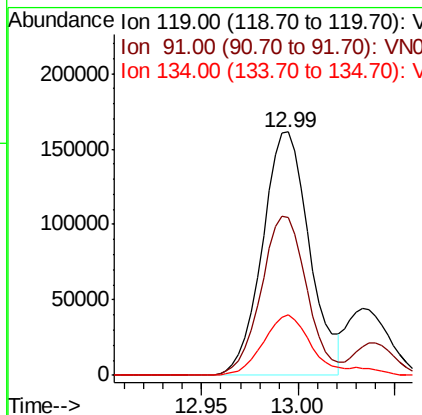
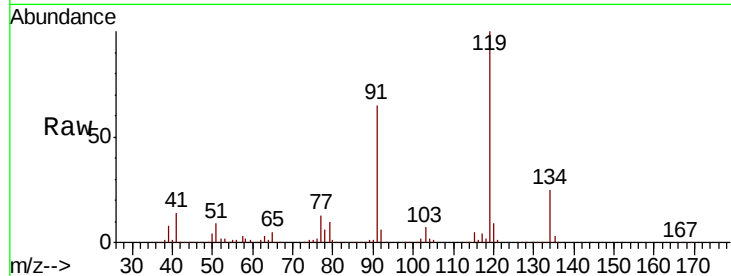
#83
 tert-Butylbenzene
 Concen: 21.017 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN052207.D
 Acq: 7 Nov 2018 15:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107WBSD02

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.3	32.3	96.8
134	24.8	13.0	38.9

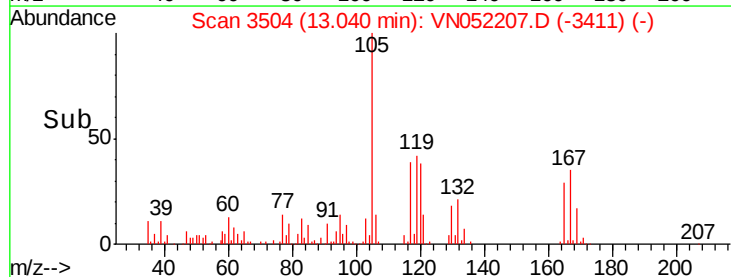
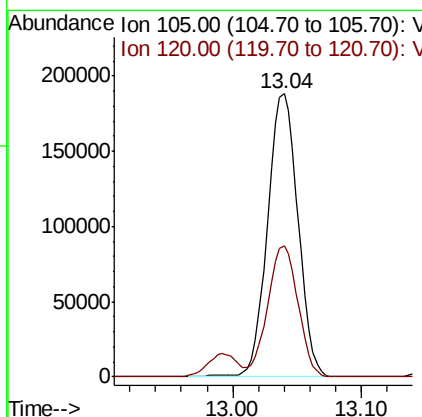
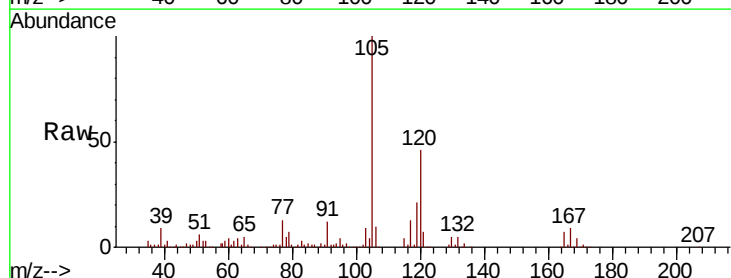
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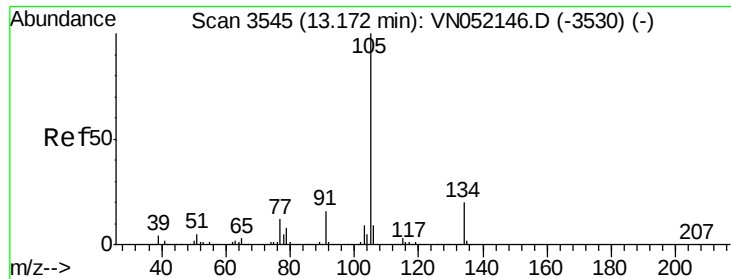
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.118 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN052207.D
 Acq: 7 Nov 2018 15:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.2	69.5





#85

sec-Butylbenzene

Concen: 20.727 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN052207.D

Acq: 7 Nov 2018 15:12

Instrument :

MSVOA_N

ClientSampled :

VN1107WBSD02

Tot Ion:105 Resp: 364039

Ion Ratio Lower Upper

105 100

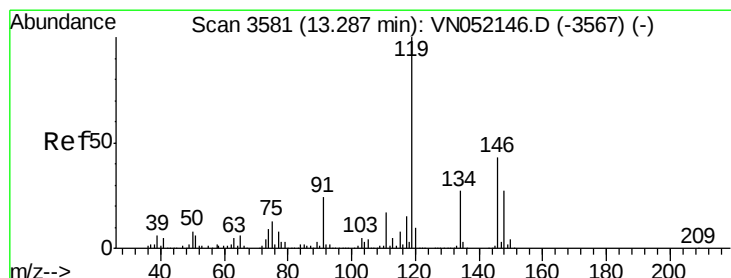
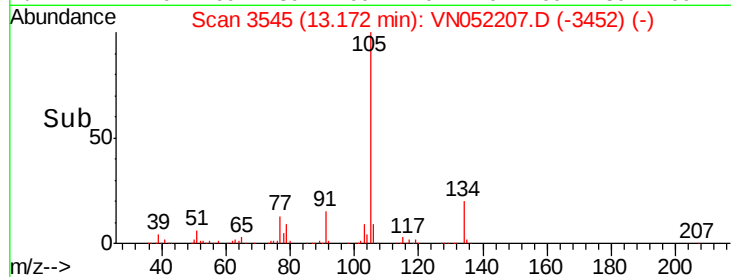
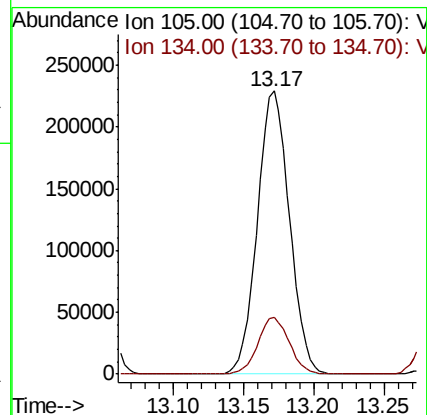
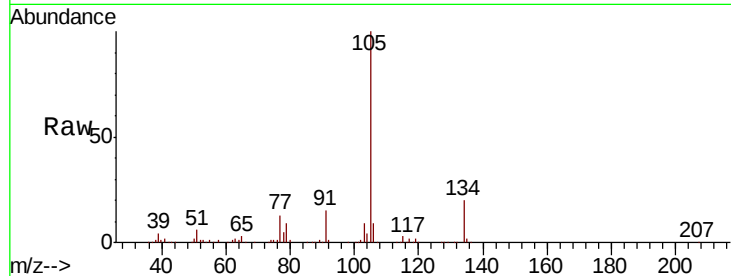
134 19.7 10.2 30.4

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#86

p-Isopropyltoluene

Concen: 20.959 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN052207.D

Acq: 7 Nov 2018 15:12

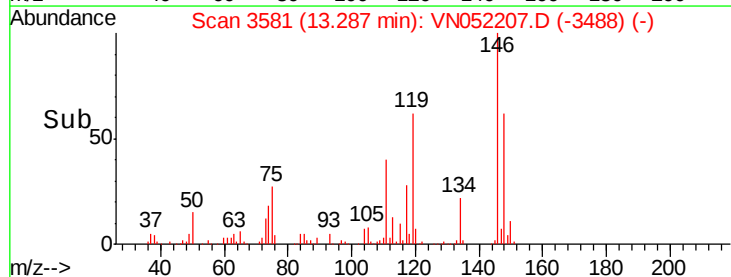
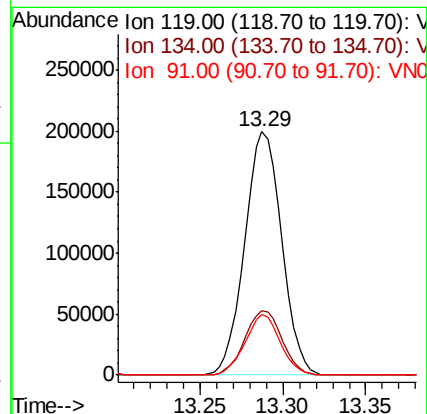
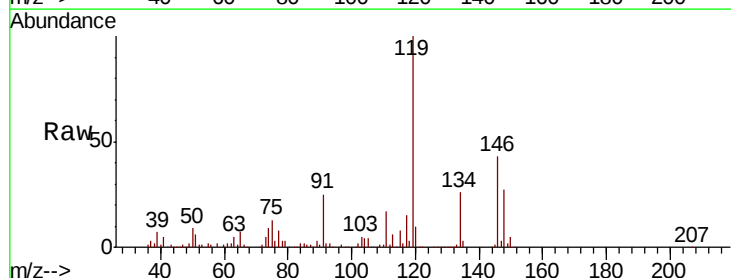
Tgt Ion:119 Resp: 309834

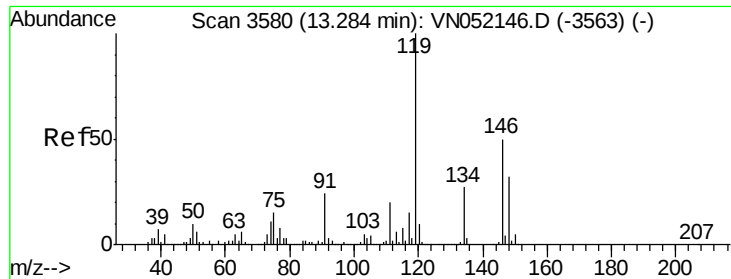
Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.5

91 23.9 11.9 35.7





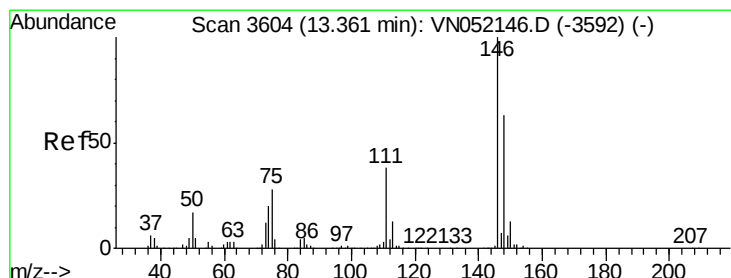
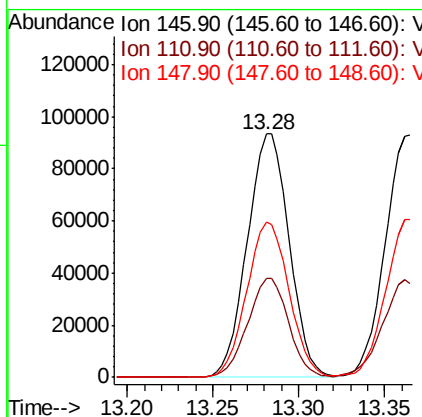
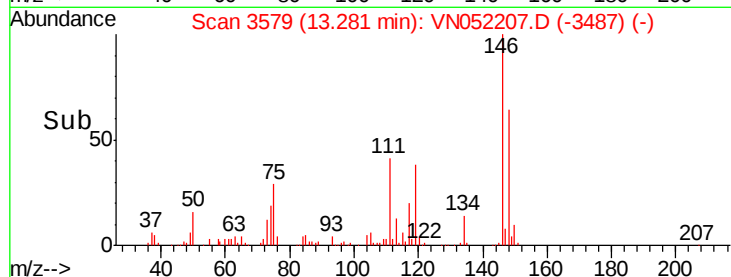
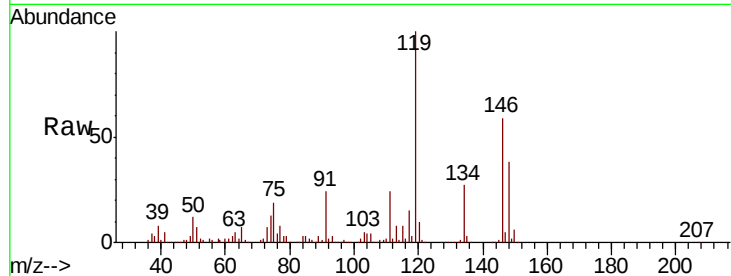
#87
 1,3-Dichlorobenzene
 Concen: 20.570 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN052207.D
 Acq: 7 Nov 2018 15:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.2	60.6
148	64.4	32.1	96.3

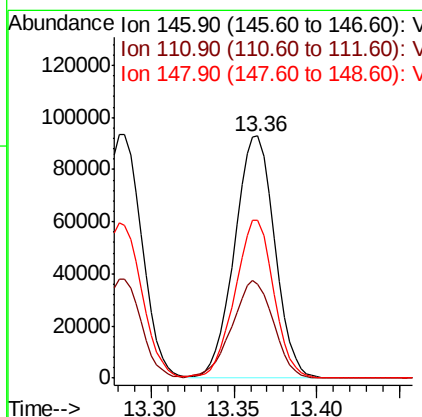
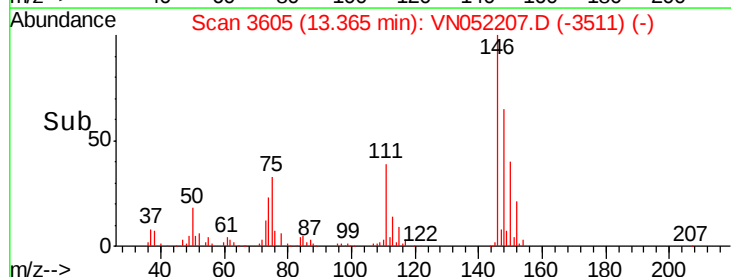
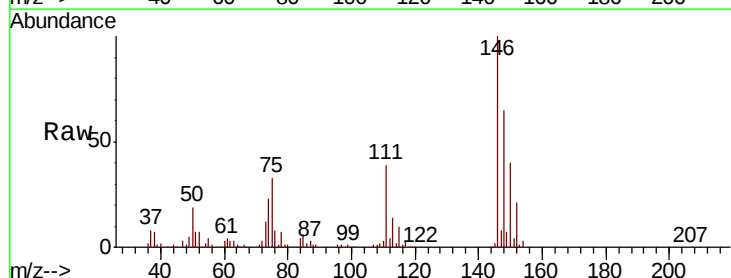
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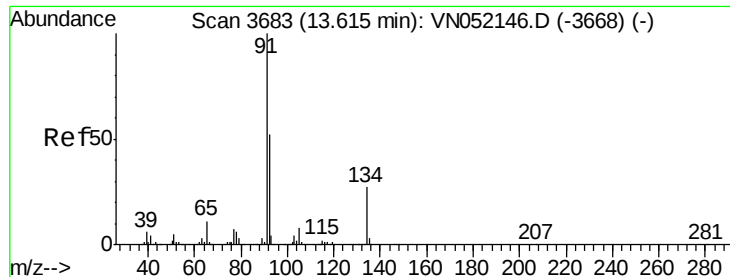
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#88
 1,4-Dichlorobenzene
 Concen: 20.427 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN052207.D
 Acq: 7 Nov 2018 15:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	19.4	58.1
148	62.8	31.5	94.5





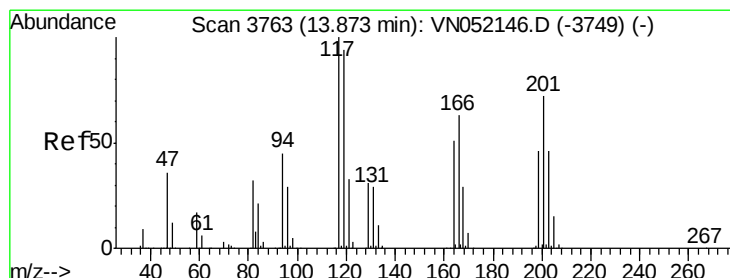
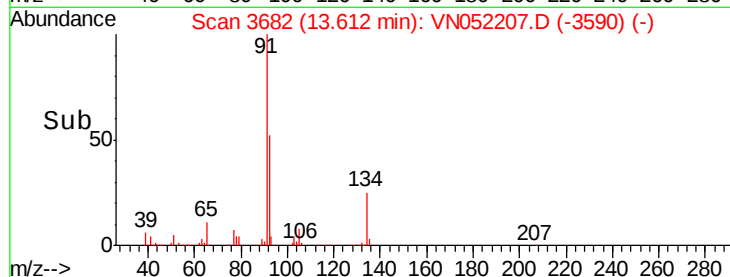
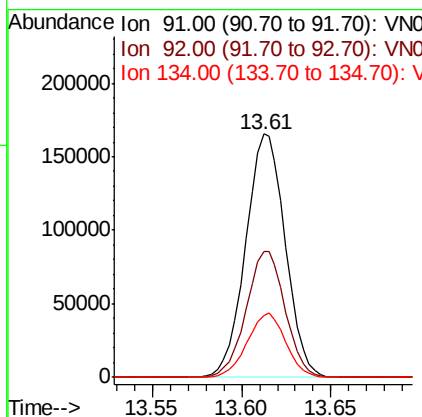
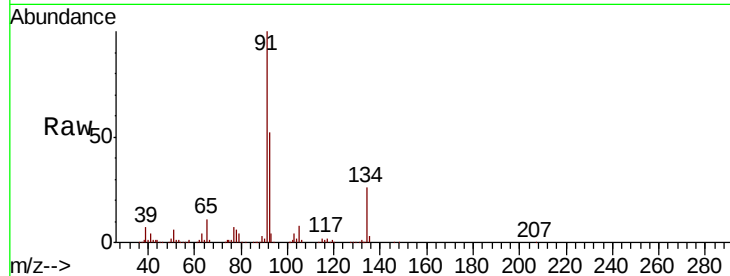
#89
n-Butylbenzene
Concen: 20.041 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.0	26.3	78.8
134	25.7	13.4	40.2

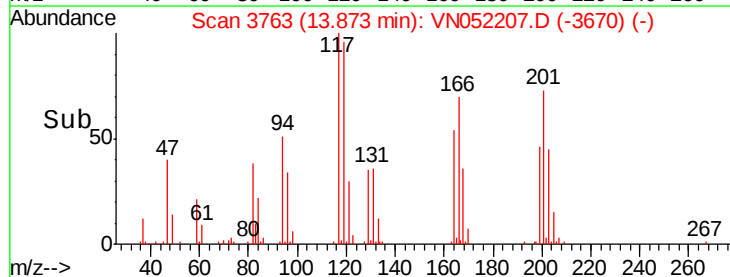
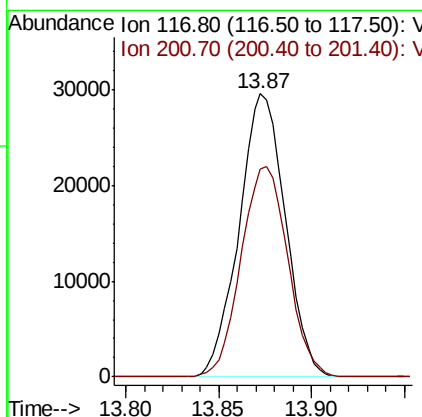
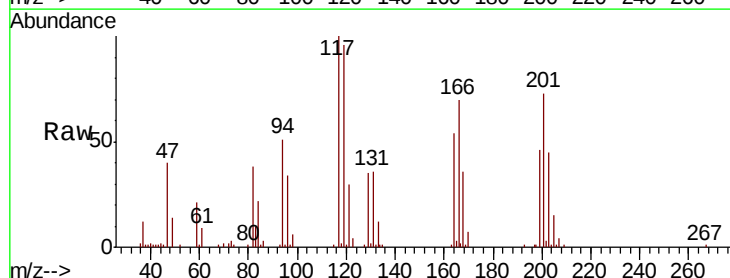
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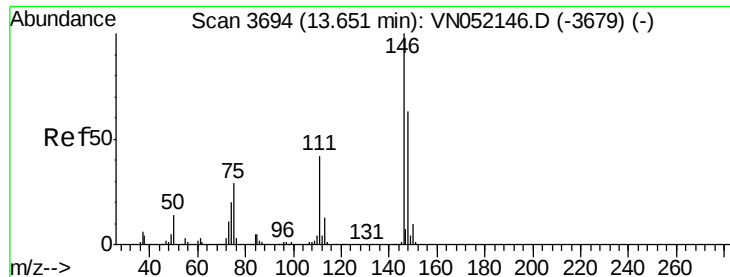
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#90
Hexachloroethane
Concen: 20.534 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.0	36.8	110.3





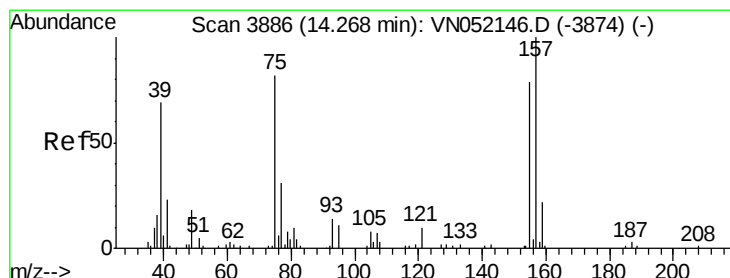
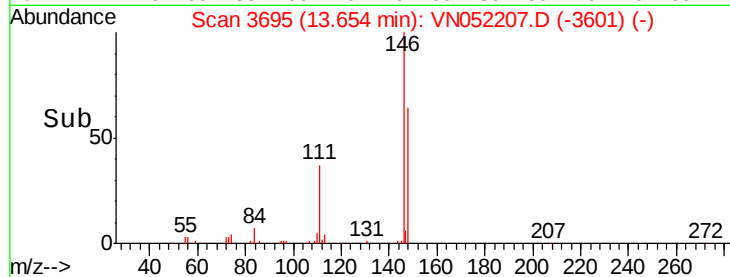
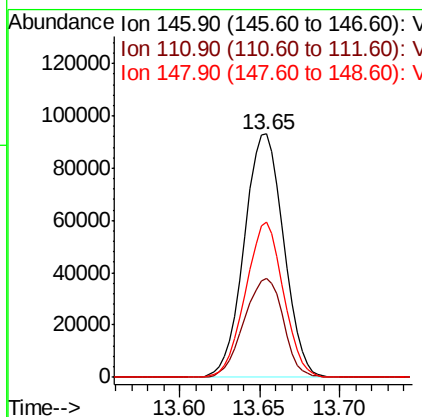
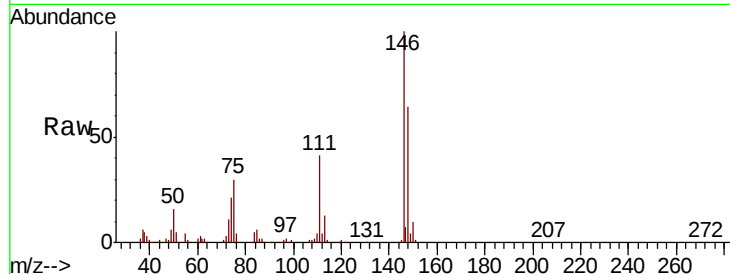
#91
 1,2-Dichlorobenzene
 Concen: 21.768 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN052207.D
 Acq: 7 Nov 2018 15:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	21.1	63.1
148	61.4	31.4	94.3

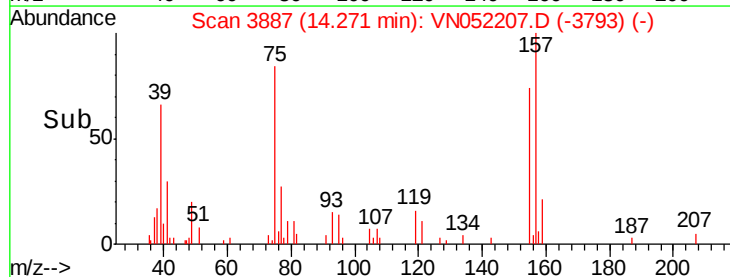
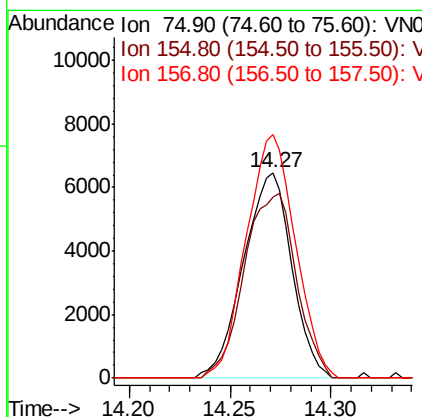
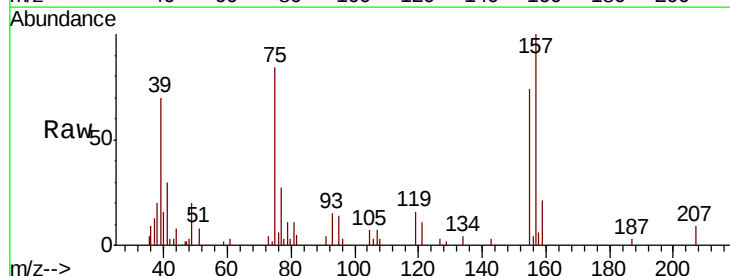
Manual Integrations
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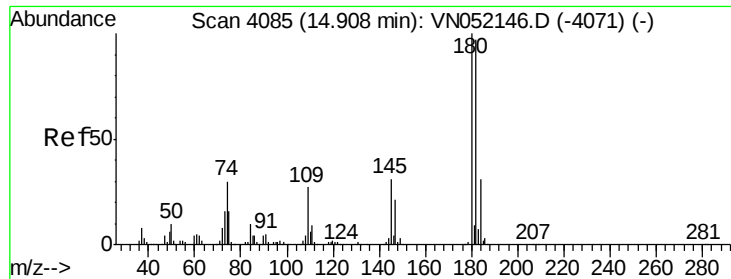
MMDadoda
 11/8/2018 9:14:08 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.645 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN052207.D
 Acq: 7 Nov 2018 15:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.7	47.4	142.2
157	120.4	60.3	180.8





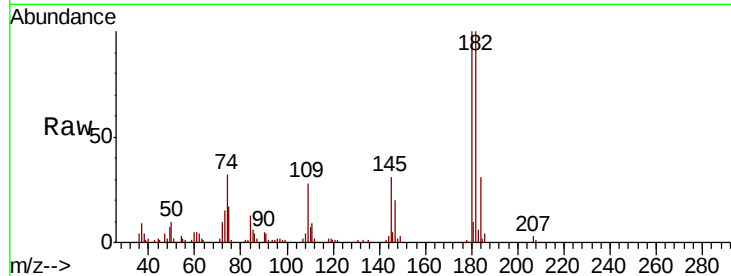
#93
1,2,4-Trichlorobenzene
Concen: 20.231 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.4	48.1	144.4	
145	30.6	15.3	45.9	

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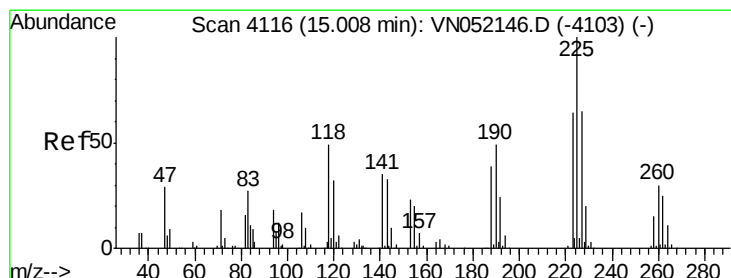
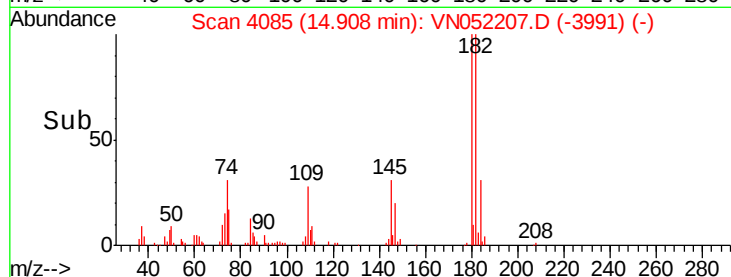
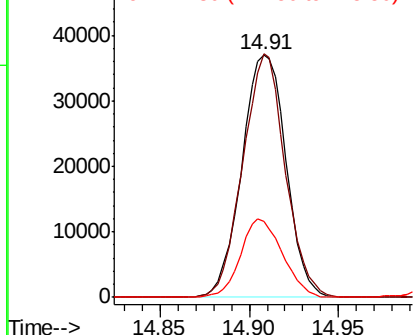


Abundance

Ion 179.80 (179.50 to 180.50): V

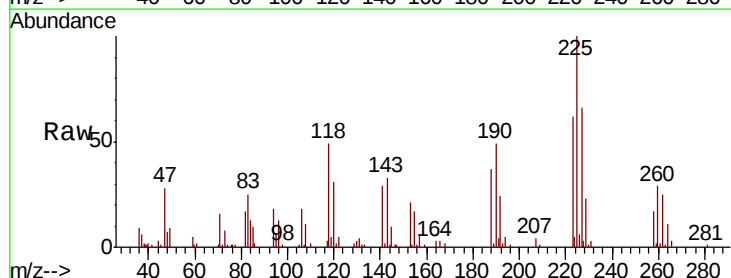
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 21.258 ug/l
RT: 15.01 min Scan# 4117
Delta R.T. 0.00 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.3	32.3	96.8	
227	65.2	31.6	94.8	

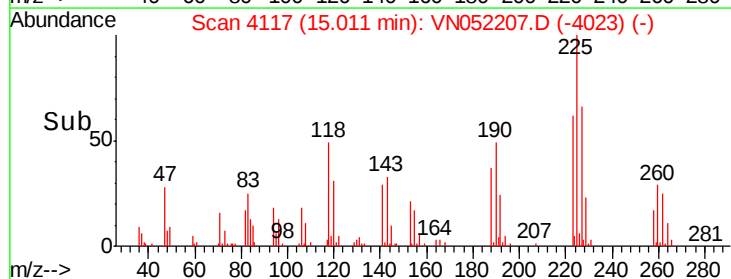
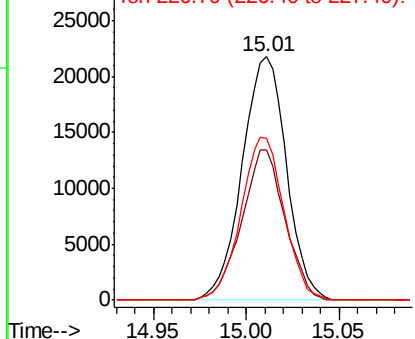


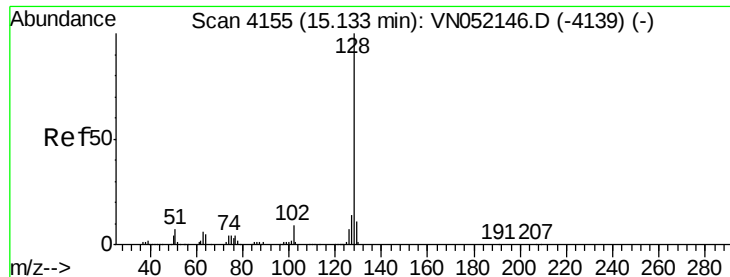
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





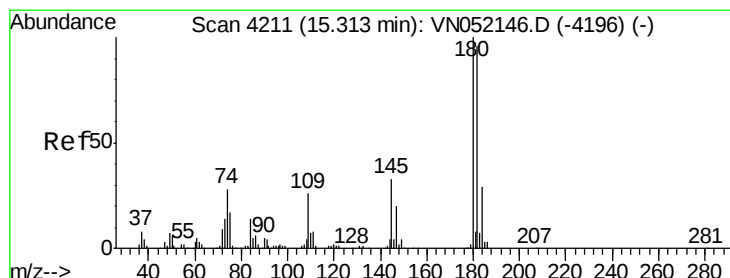
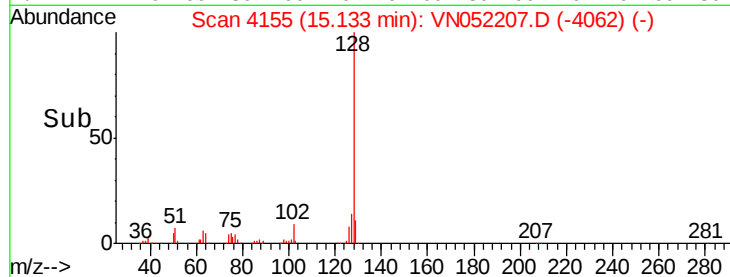
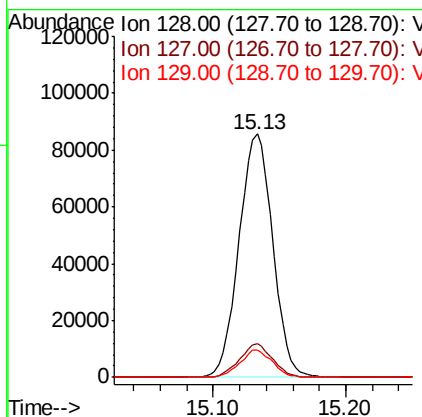
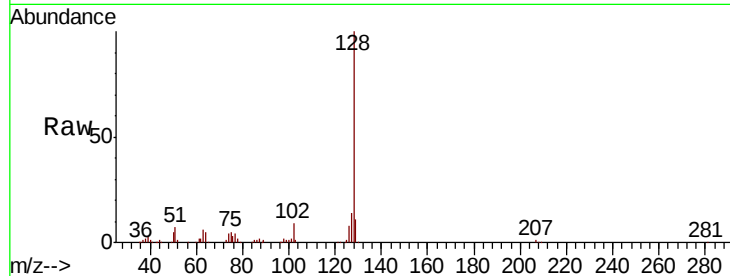
#95
Naphthalene
Concen: 20.556 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD02

Tot Ion:	128	Resp:	151294
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.8	16.2
129	10.7	9.1	13.7

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#96
1,2,3-Trichlorobenzene
Concen: 20.379 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN052207.D
Acq: 7 Nov 2018 15:12

Tgt Ion:	180	Resp:	56387
Ion Ratio	Lower	Upper	
180	100		
182	94.7	46.6	139.7
145	34.4	16.7	50.0

