

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011119\
 Data File : VN053356.D
 Acq On : 11 Jan 2019 10:42
 Operator : MD\SY
 Sample : VN0111WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Quant Time: Jan 12 01:05:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	844639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1282860	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1168562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	555045	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	436240	49.64	ug/l	0.00
Spiked Amount			Recovery	=	99.28%	
35) Dibromofluoromethane	7.59	113	374680	51.31	ug/l	0.00
Spiked Amount			Recovery	=	102.62%	
50) Toluene-d8	10.09	98	1575530	50.01	ug/l	0.00
Spiked Amount			Recovery	=	100.02%	
62) 4-Bromofluorobenzene	12.40	95	557324	50.53	ug/l	0.00
Spiked Amount			Recovery	=	101.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	142729	19.168	ug/l	96
3) Chloromethane	2.06	50	199398	19.175	ug/l	99
4) Vinyl Chloride	2.19	62	190296	19.173	ug/l	98
5) Bromomethane	2.56	94	129252	19.929	ug/l	97
6) Chloroethane	2.71	64	116072	19.375	ug/l	99
7) Trichlorofluoromethane	3.02	101	247470	19.250	ug/l	99
8) Diethyl Ether	3.41	74	96847	19.220	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	154979	19.021	ug/l	99
10) Methyl Iodide	3.96	142	236181	20.680	ug/l	100
11) Tert butyl alcohol	4.77	59	45547	86.175	ug/l #	73
12) 1,1-Dichloroethene	3.74	96	150276	19.068	ug/l	98
13) Acrolein	3.61	56	53139	79.962	ug/l	97
14) Allyl chloride	4.33	41	236774	18.640	ug/l	100
15) Acrylonitrile	4.99	53	296836	94.079	ug/l	99
16) Acetone	3.81	43	216243	100.916	ug/l	99
17) Carbon Disulfide	4.06	76	421512	17.348	ug/l	99
18) Methyl Acetate	4.33	43	147187	18.507	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	430894	19.481	ug/l	98
20) Methylene Chloride	4.55	84	176618	18.714	ug/l	100
21) trans-1,2-Dichloroethene	5.04	96	159561	18.856	ug/l	98
22) Diisopropyl ether	5.95	45	545874	19.948	ug/l	97
23) Vinyl Acetate	5.90	43	1689881	98.146	ug/l	99
24) 1,1-Dichloroethane	5.85	63	310053	19.646	ug/l	99
25) 2-Butanone	6.83	43	338563	93.912	ug/l	100
26) 2,2-Dichloropropane	6.83	77	230117	19.946	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	190762	19.741	ug/l	99
28) Bromochloromethane	7.19	49	144404	21.471	ug/l	99
29) Tetrahydrofuran	7.21	42	220806	92.813	ug/l	99
30) Chloroform	7.37	83	301328	19.398	ug/l	98
31) Cyclohexane	7.65	56	287878	19.074	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	250411	19.345	ug/l	99
36) 1,1-Dichloropropene	7.79	75	229109	19.130	ug/l	99
37) Ethyl Acetate	6.93	43	146665	18.801	ug/l	100
38) Carbon Tetrachloride	7.78	117	215277	19.475	ug/l	98

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Quant Title : SW846 8260

QLast Update : Mon Jan 07 09:34:27 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	277493	20.000	ug/l	99
40) Benzene	8.04	78	723297	19.771	ug/l	100
41) Methacrylonitrile	7.17	41	85955	17.748	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	214114	19.731	ug/l	100
43) Isopropyl Acetate	8.16	43	270519	17.628	ug/l	100
44) Trichloroethene	8.84	130	195681	19.480	ug/l	98
45) 1,2-Dichloropropane	9.12	63	189540	19.754	ug/l	99
46) Dibromomethane	9.21	93	110694	19.786	ug/l	98
47) Bromodichloromethane	9.40	83	229985	19.727	ug/l	98
48) Methyl methacrylate	9.20	41	131989	18.931	ug/l	99
49) 1,4-Dioxane	9.20	88	24203	325.826	ug/l	95
51) 4-Methyl-2-Pentanone	9.98	43	753919	97.691	ug/l	99
52) Toluene	10.16	92	442406	19.712	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	234890	19.695	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	278061	20.176	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	160651	19.467	ug/l	98
56) Ethyl methacrylate	10.43	69	210109	19.592	ug/l	99
57) 1,3-Dichloropropane	10.71	76	274677	19.903	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	571886	98.640	ug/l	100
59) 2-Hexanone	10.75	43	528281	99.908	ug/l	99
60) Dibromochloromethane	10.90	129	174241	19.576	ug/l	99
61) 1,2-Dibromoethane	11.01	107	158529	19.466	ug/l	98
64) Tetrachloroethene	10.63	164	214093	19.466	ug/l	100
65) Chlorobenzene	11.43	112	496357	19.553	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	174412	19.629	ug/l	98
67) Ethyl Benzene	11.51	91	849574	19.695	ug/l	100
68) m/p-Xylenes	11.62	106	650765	40.121	ug/l	99
69) o-Xylene	11.95	106	319053	20.092	ug/l	100
70) Styrene	11.96	104	519105	20.086	ug/l	100
71) Bromoform	12.13	173	122624	19.538	ug/l #	99
73) Isopropylbenzene	12.25	105	853426	20.652	ug/l	100
74) N-amyl acetate	12.07	43	243506	19.733	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	189005	19.882	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	165641m	20.461	ug/l	
77) Bromobenzene	12.53	156	220937	20.032	ug/l	100
78) n-propylbenzene	12.59	91	960873	20.556	ug/l	99
79) 2-Chlorotoluene	12.67	91	573649	20.282	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	691483	20.773	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	55673	20.233	ug/l	96
82) 4-Chlorotoluene	12.77	91	581575	20.052	ug/l	99
83) tert-Butylbenzene	12.99	119	612688	20.979	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	689880	20.343	ug/l	99
85) sec-Butylbenzene	13.17	105	824195	21.399	ug/l	100
86) p-Isopropyltoluene	13.29	119	712377	21.362	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	384678	19.806	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	379630	19.704	ug/l	99
89) n-Butylbenzene	13.62	91	581527	20.800	ug/l	100
90) Hexachloroethane	13.88	117	107140	20.045	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	368186	20.238	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	25062	21.736	ug/l	97

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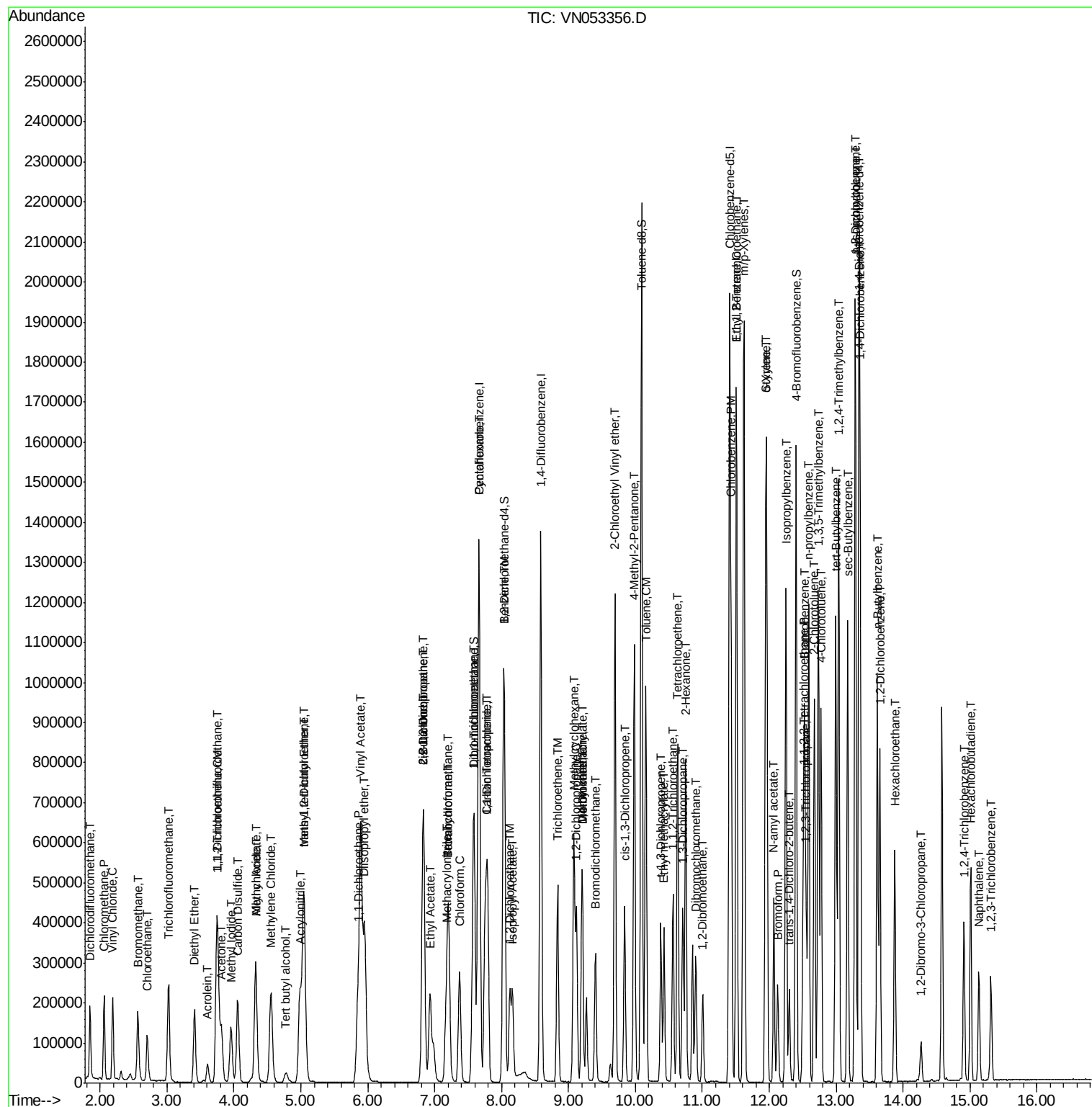
Quant Time: Jan 12 01:05:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
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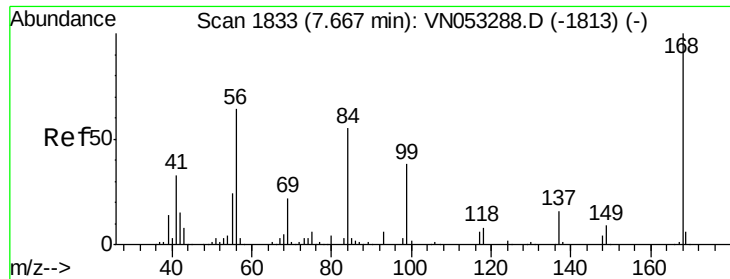
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	139574	24.399	ug/l	99
94) Hexachlorobutadiene	15.01	225	113498	24.257	ug/l	98
95) Naphthalene	15.13	128	244223	25.026	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	99722	26.626	ug/l	99

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

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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: VN053356.D

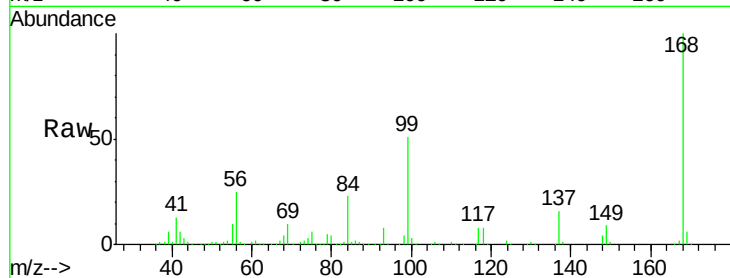
Acq: 11 Jan 2019 10:42

Tot Ion:168 Resp: 844639

Ion Ratio Lower Upper

168 100

99 50.4 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053356.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053356.D (-1740) (-)

7.67

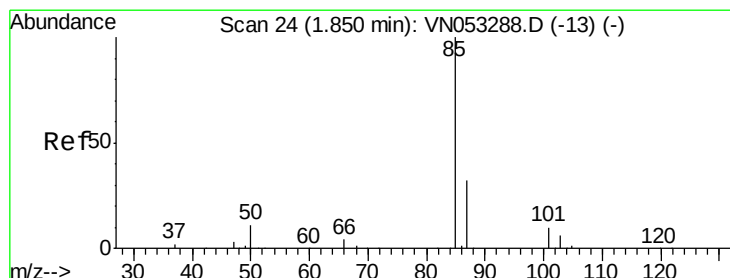
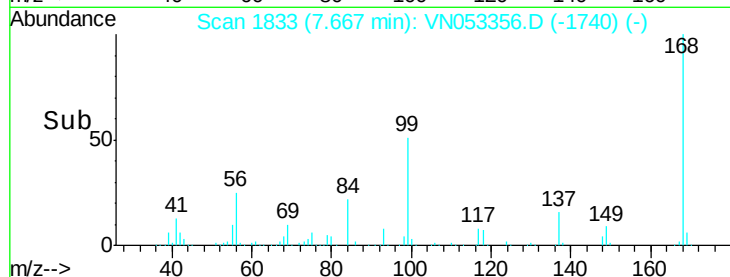
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.168 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053356.D

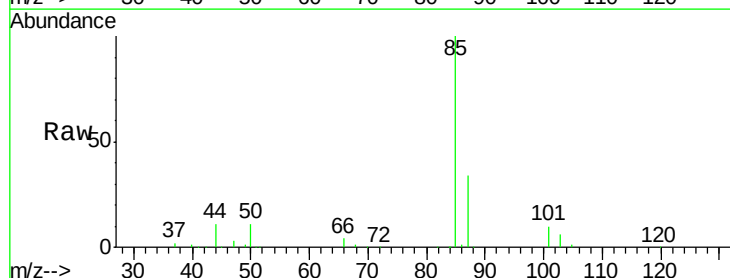
Acq: 11 Jan 2019 10:42

Tgt Ion: 85 Resp: 142729

Ion Ratio Lower Upper

85 100

87 33.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VN053356.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VN053356.D (-1) (-)

1.85

120000

100000

80000

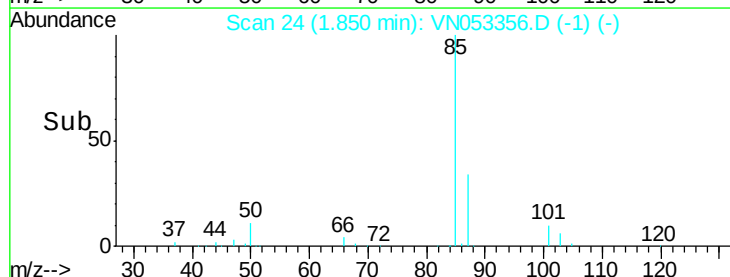
60000

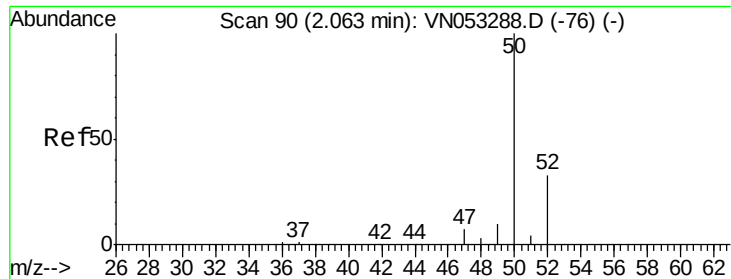
40000

20000

0

Time-->





#3

Chloromethane

Concen: 19.175 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN053356.D

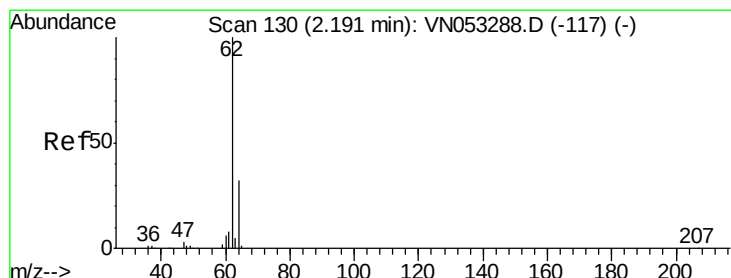
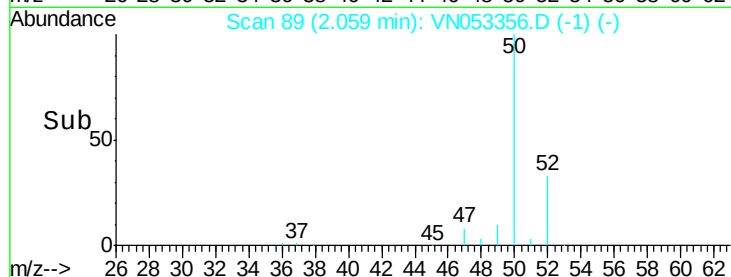
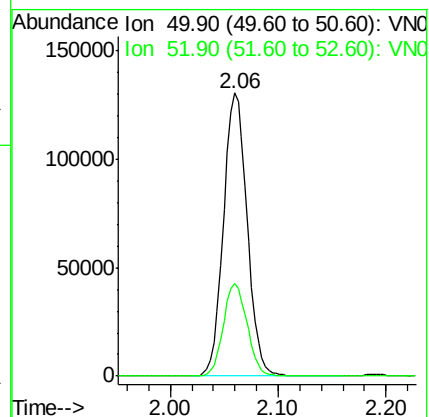
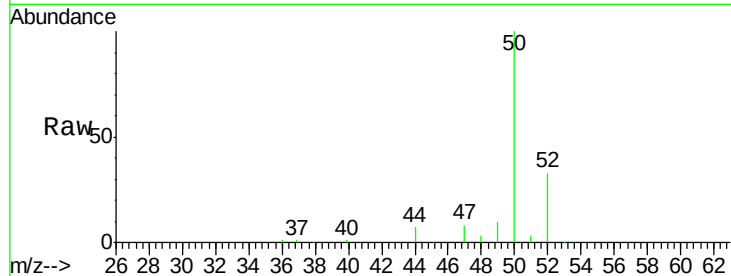
Acq: 11 Jan 2019 10:42

Tot Ion: 50 Resp: 199398

Ion Ratio Lower Upper

50 100

52 32.5 26.6 40.0



#4

Vinyl Chloride

Concen: 19.173 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN053356.D

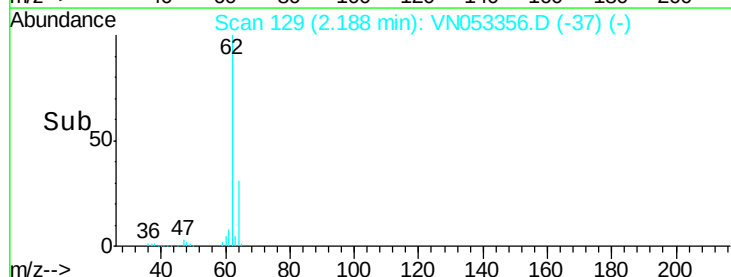
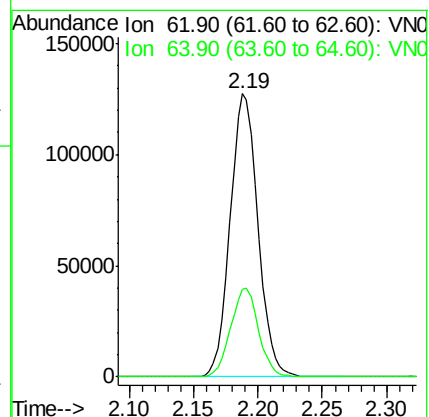
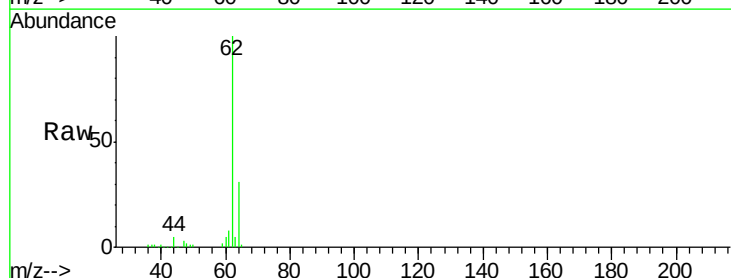
Acq: 11 Jan 2019 10:42

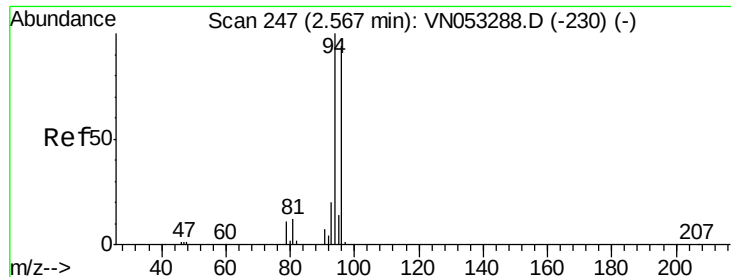
Tgt Ion: 62 Resp: 190296

Ion Ratio Lower Upper

62 100

64 31.0 25.6 38.4





#5

Bromomethane

Concen: 19.929 ug/l

RT: 2.56 min Scan# 246

Delta R.T. -0.00 min

Lab File: VN053356.D

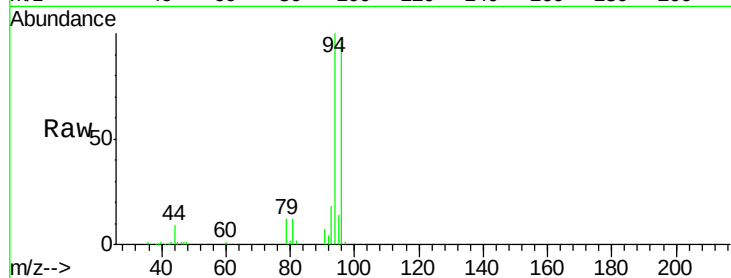
Acq: 11 Jan 2019 10:42

Tot Ion: 94 Resp: 129252

Ion Ratio Lower Upper

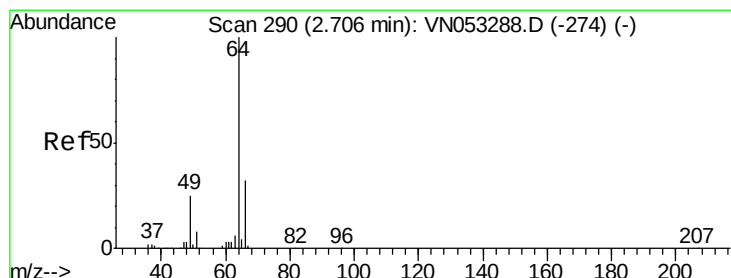
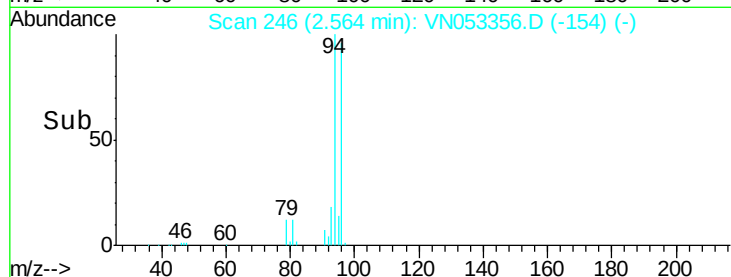
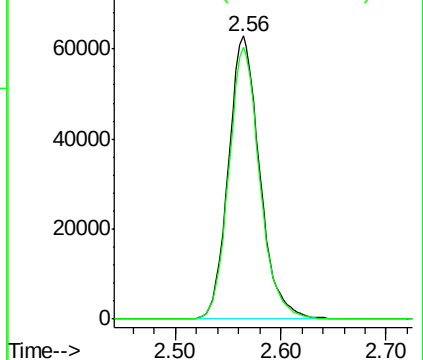
94 100

96 96.0 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.375 ug/l

RT: 2.71 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN053356.D

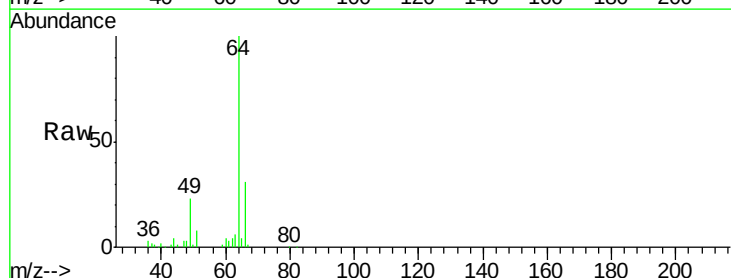
Acq: 11 Jan 2019 10:42

Tgt Ion: 64 Resp: 116072

Ion Ratio Lower Upper

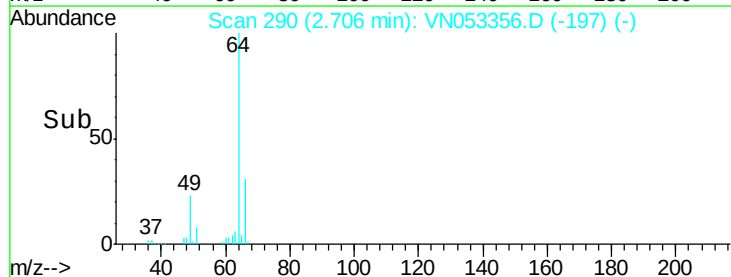
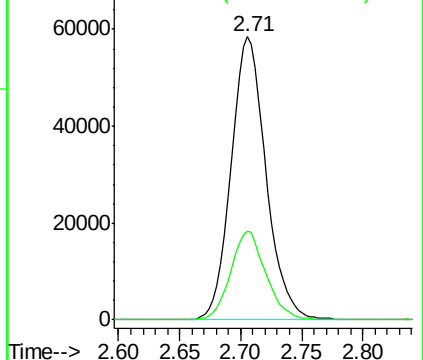
64 100

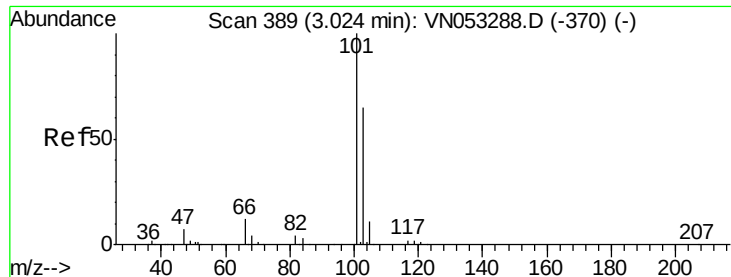
66 31.4 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

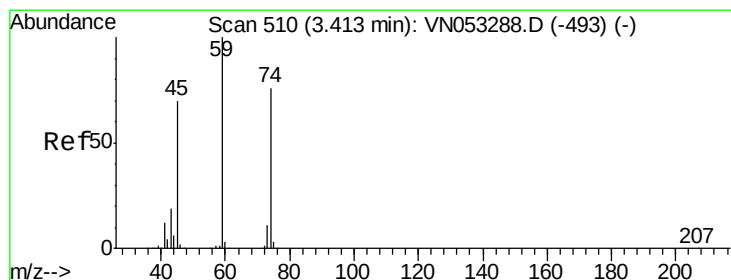
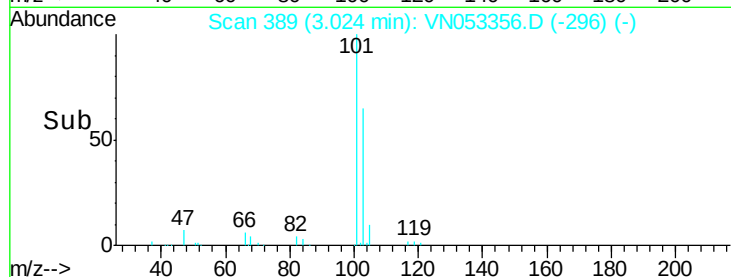
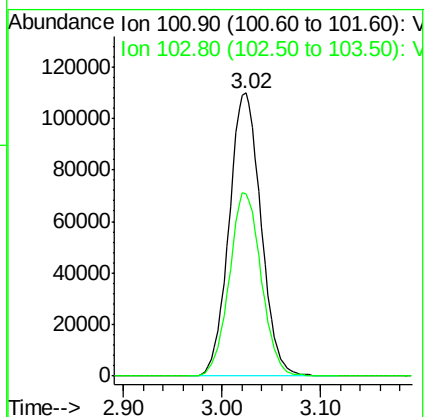
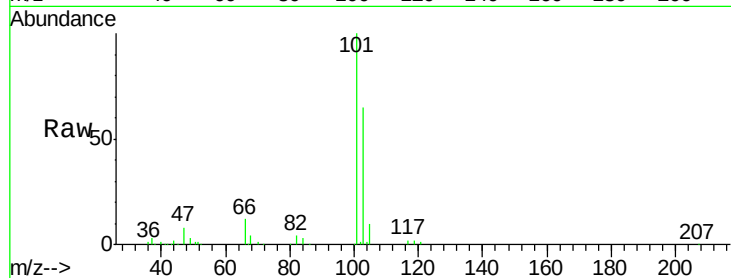




#7

Trichlorofluoromethane
 Concen: 19.250 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN053356.D
 Acq: 11 Jan 2019 10:42

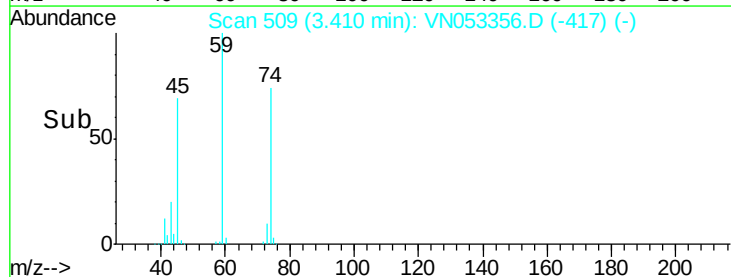
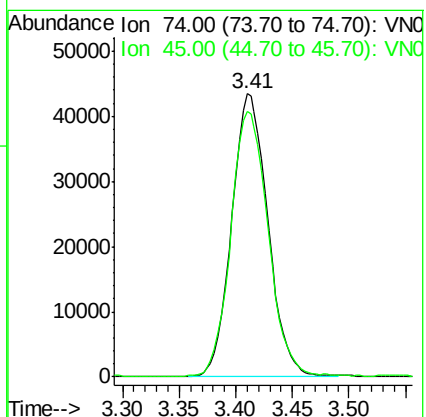
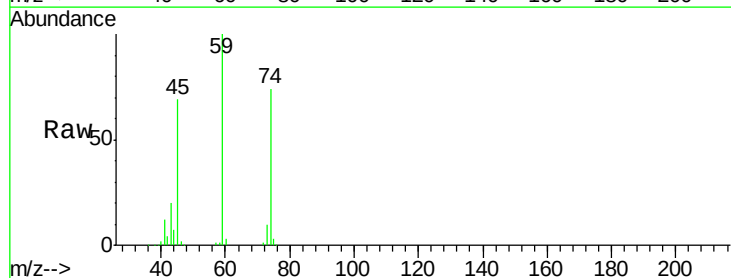
Tot Ion:101 Resp: 247470
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.1 78.1

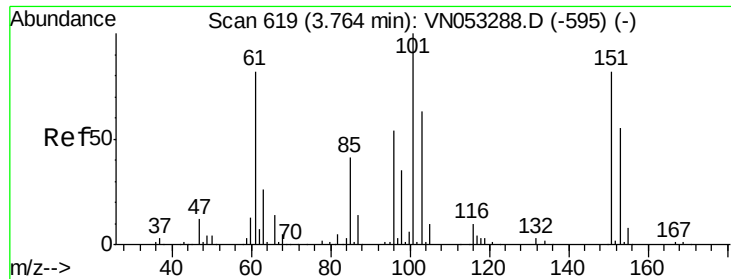


#8

Diethyl Ether
 Concen: 19.220 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN053356.D
 Acq: 11 Jan 2019 10:42

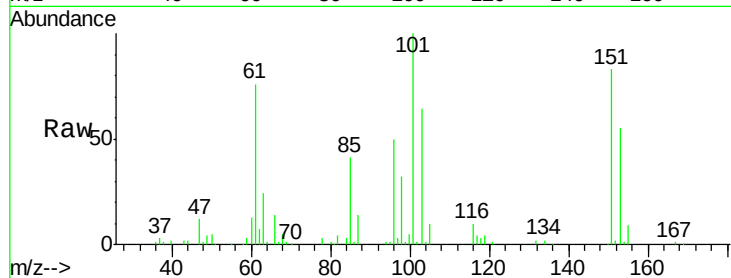
Tgt Ion: 74 Resp: 96847
 Ion Ratio Lower Upper
 74 100
 45 96.6 48.3 144.9



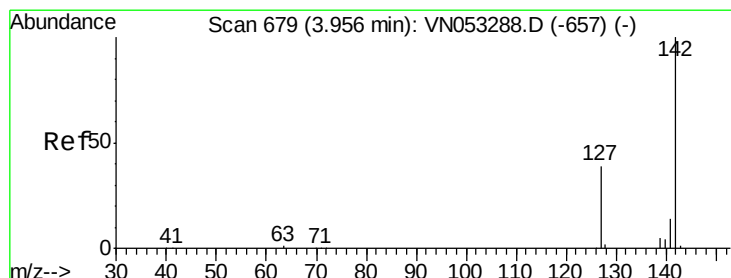
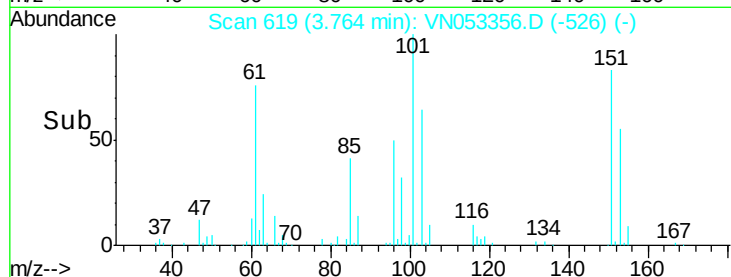
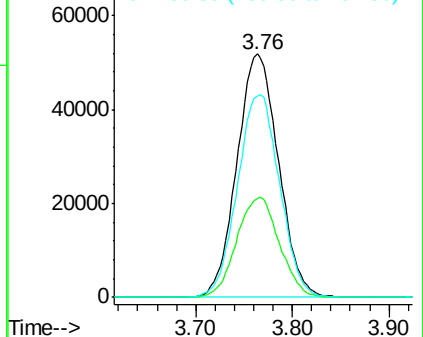


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.021 ug/l
 RT: 3.76 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: VN053356.D
 Acq: 11 Jan 2019 10:42

Tot Ion	Ratio	Lower	Upper
101	100		
85	42.2	33.3	49.9
151	84.5	67.0	100.4

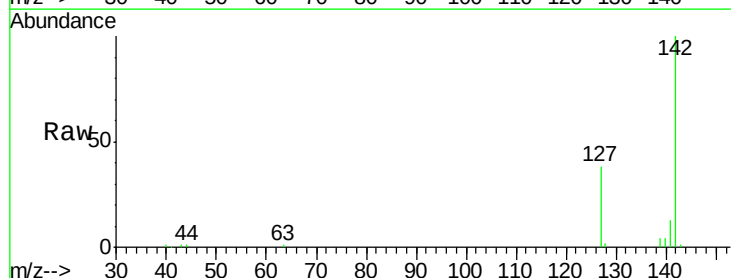


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

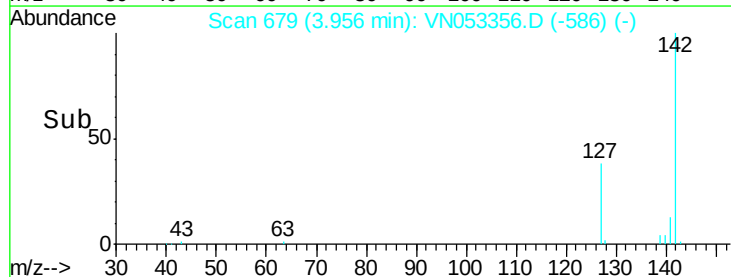
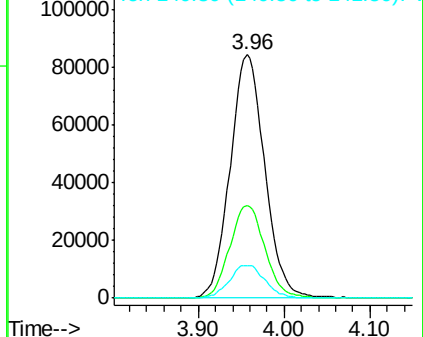


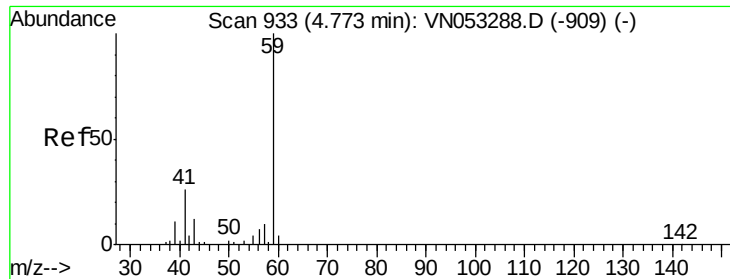
#10
 Methyl Iodide
 Concen: 20.680 ug/l
 RT: 3.96 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: VN053356.D
 Acq: 11 Jan 2019 10:42

Tgt Ion	Ratio	Lower	Upper
142	100		
127	38.7	30.9	46.3
141	13.9	11.2	16.8



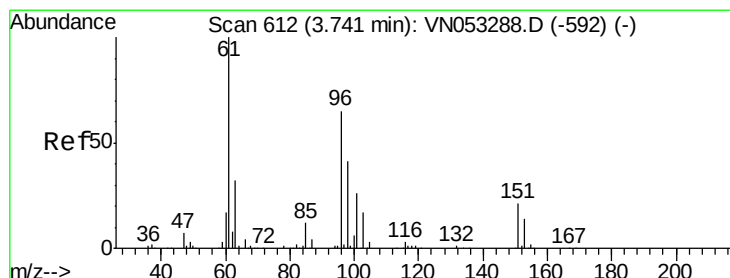
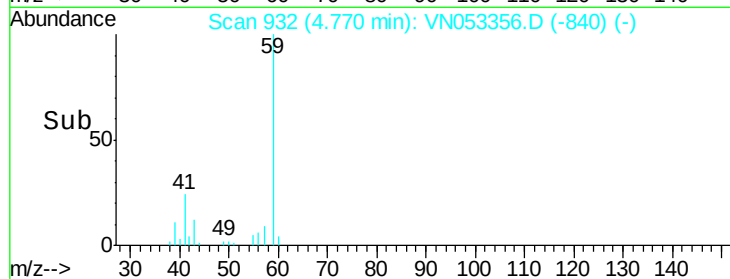
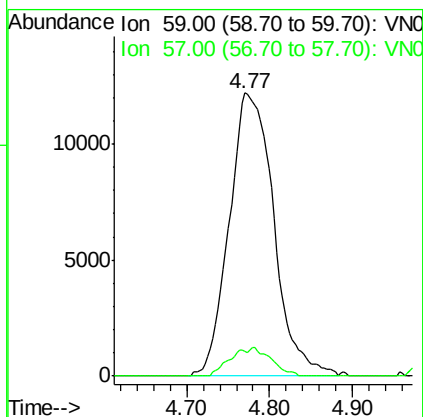
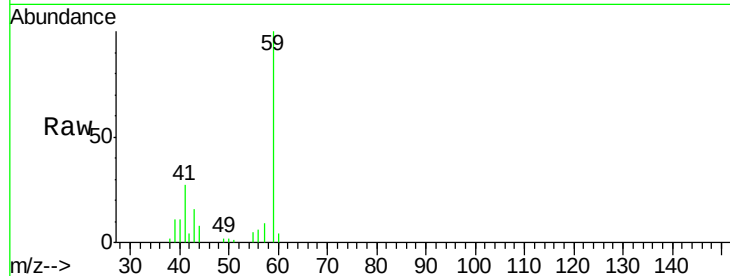
Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V





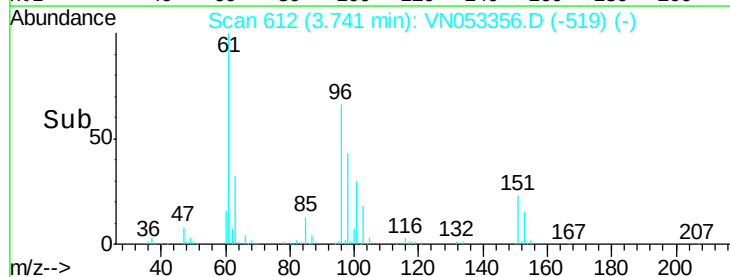
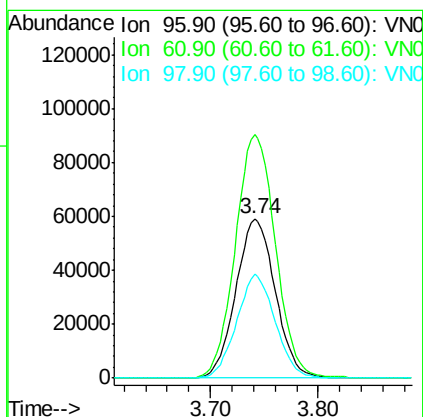
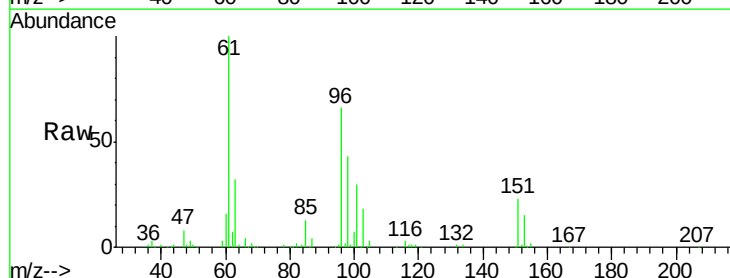
#11
Tert butyl alcohol
Concen: 86.175 ug/l
RT: 4.77 min Scan# 932
Delta R.T. -0.00 min
Lab File: VN053356.D
Acq: 11 Jan 2019 10:42

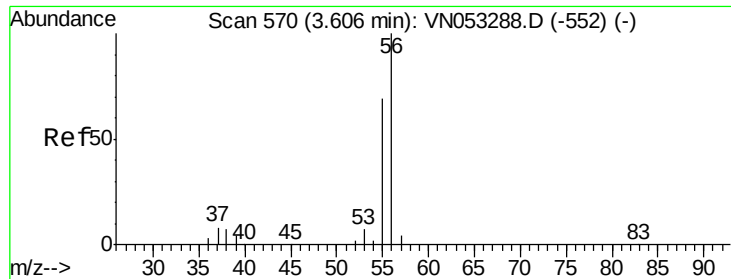
Tot Ion: 59 Resp: 45547
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 19.068 ug/l
RT: 3.74 min Scan# 612
Delta R.T. 0.00 min
Lab File: VN053356.D
Acq: 11 Jan 2019 10:42

Tgt Ion: 96 Resp: 150276
Ion Ratio Lower Upper
96 100
61 152.5 123.2 184.8
98 65.1 50.5 75.7





#13

Acrolein

Concen: 79.962 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN053356.D

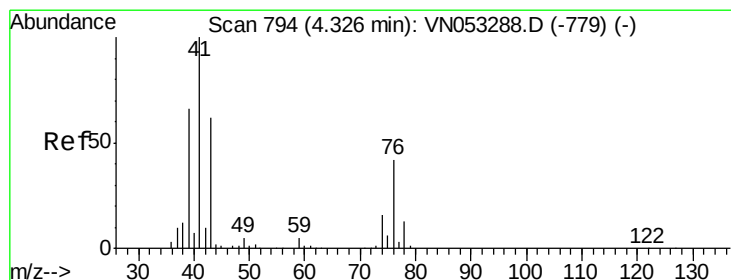
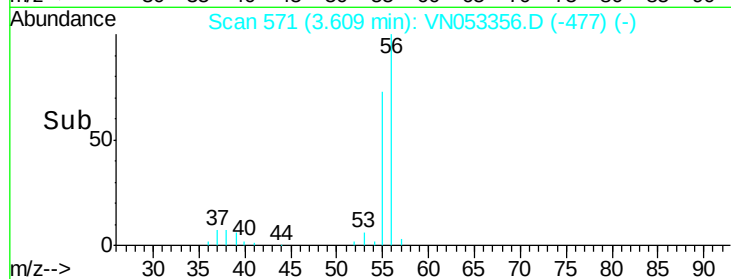
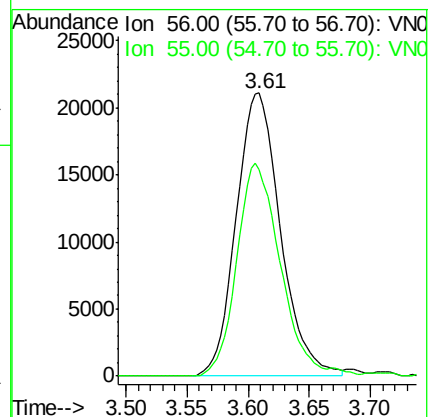
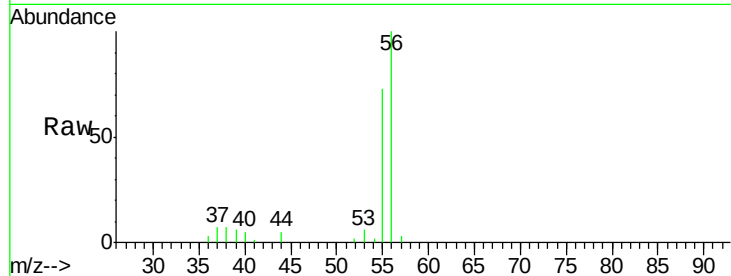
Acq: 11 Jan 2019 10:42

Tot Ion: 56 Resp: 53139

Ion Ratio Lower Upper

56 100

55 72.9 56.3 84.5



#14

Allyl chloride

Concen: 18.640 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053356.D

Acq: 11 Jan 2019 10:42

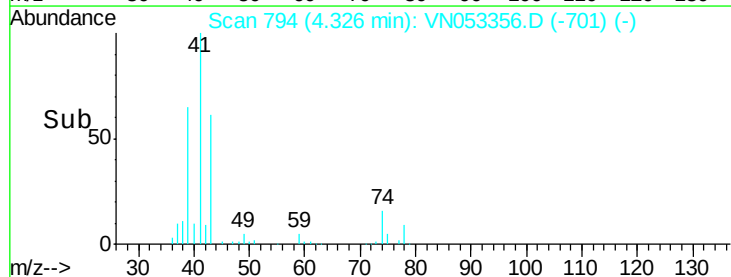
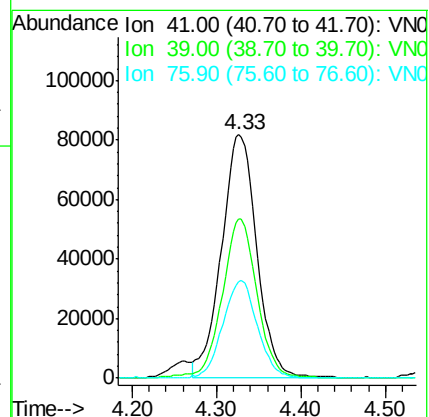
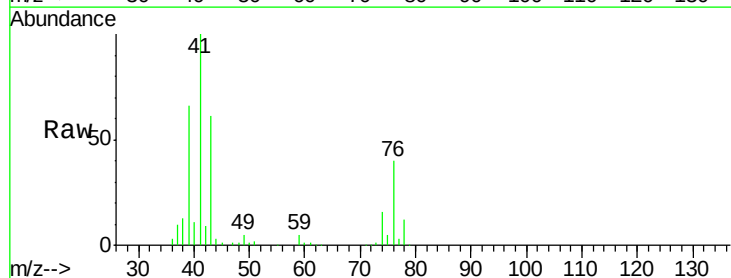
Tgt Ion: 41 Resp: 236774

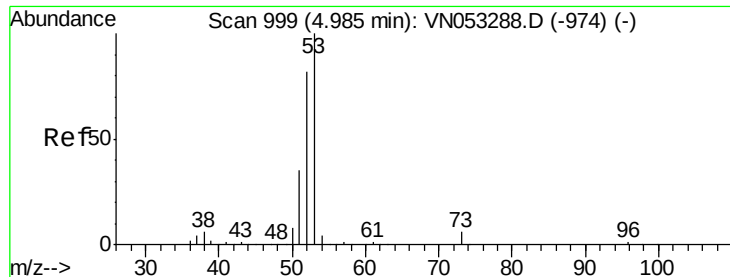
Ion Ratio Lower Upper

41 100

39 65.1 51.9 77.9

76 38.6 31.2 46.8





#15

Acrylonitrile

Concen: 94.079 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN053356.D

Acq: 11 Jan 2019 10:42

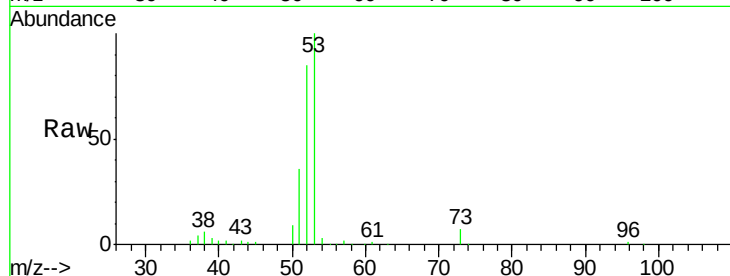
Tot Ion: 53 Resp: 296836

Ion Ratio Lower Upper

53 100

52 82.6 65.2 97.8

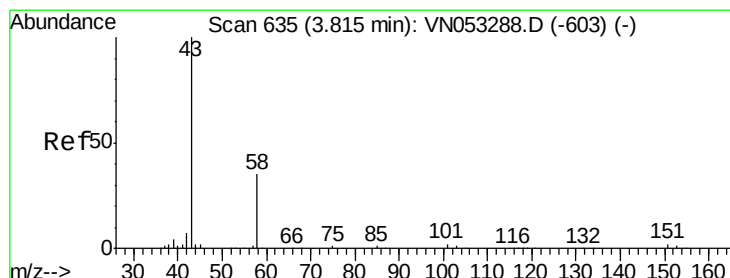
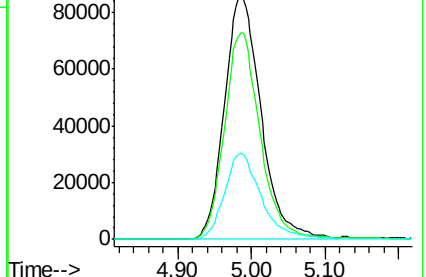
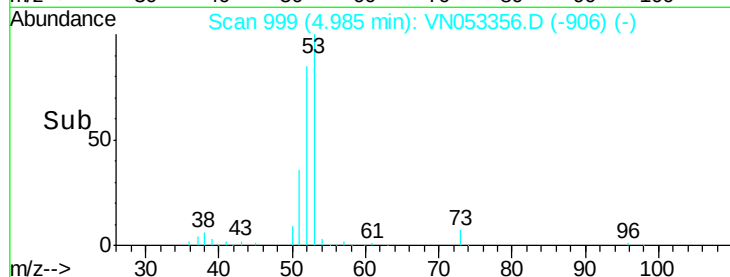
51 35.2 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VN053356.D (-906) (-)

Ion 52.00 (51.70 to 52.70): VN053356.D (-906) (-)

Ion 51.00 (50.70 to 51.70): VN053356.D (-906) (-)



#16

Acetone

Concen: 100.916 ug/l

RT: 3.81 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053356.D

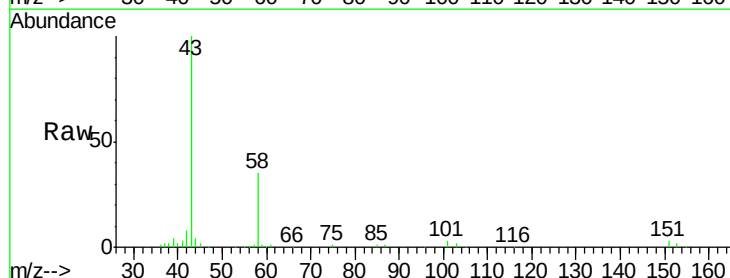
Acq: 11 Jan 2019 10:42

Tgt Ion: 43 Resp: 216243

Ion Ratio Lower Upper

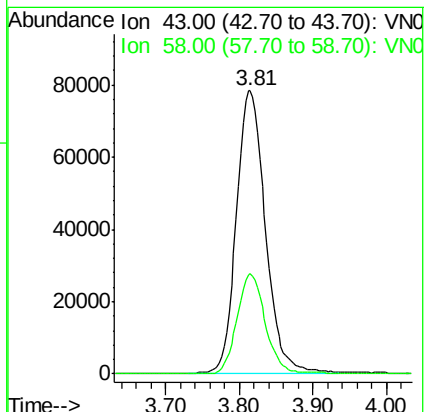
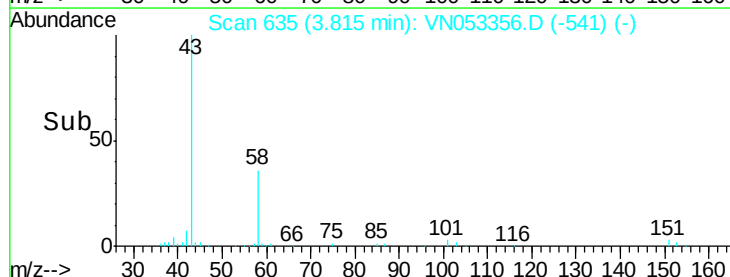
43 100

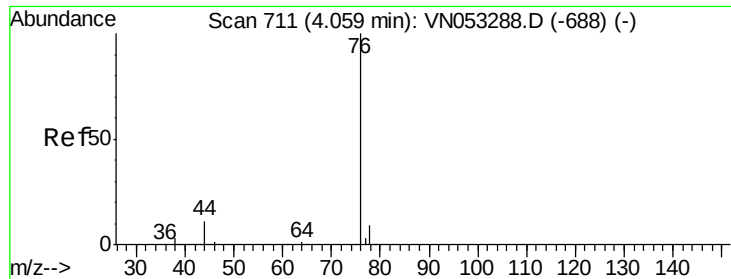
58 35.4 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN053356.D (-541) (-)

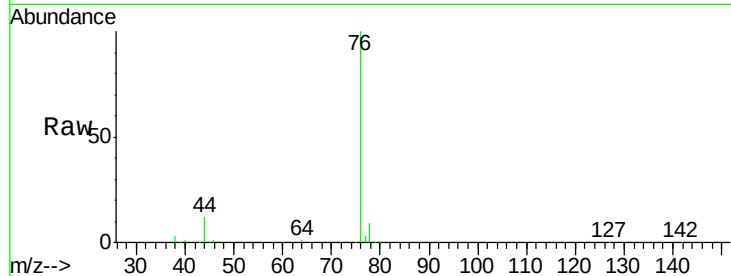
Ion 58.00 (57.70 to 58.70): VN053356.D (-541) (-)



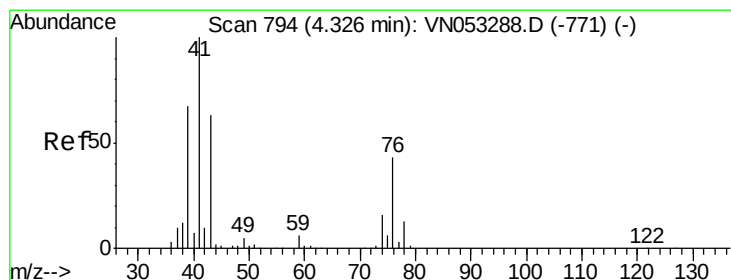
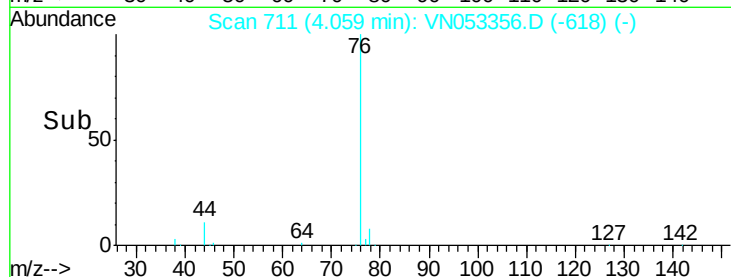
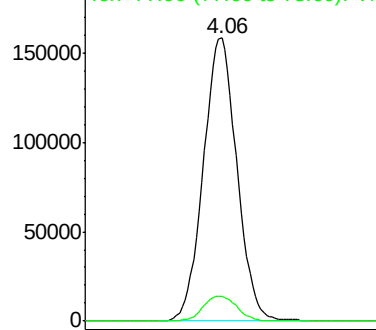


#17
Carbon Disulfide
Concen: 17.348 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.00 min
Lab File: VN053356.D
Acq: 11 Jan 2019 10:42

Tot Ion: 76 Resp: 421512
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

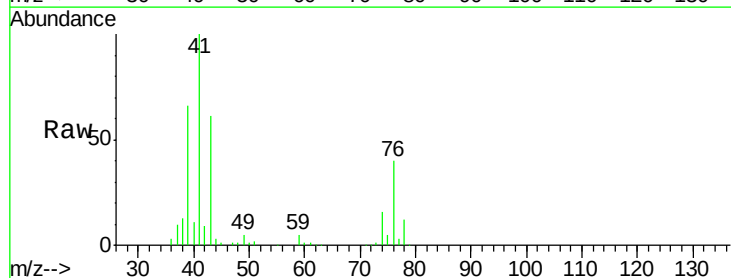


Abundance Ion 75.90 (75.60 to 76.60): VNC
Ion 77.90 (77.60 to 78.60): VNC

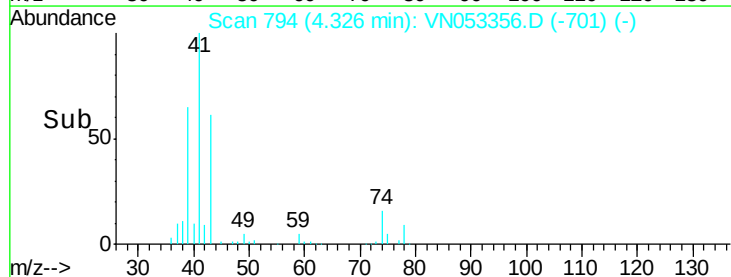
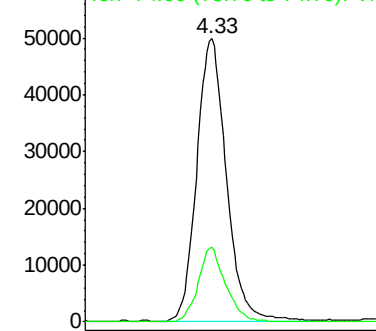


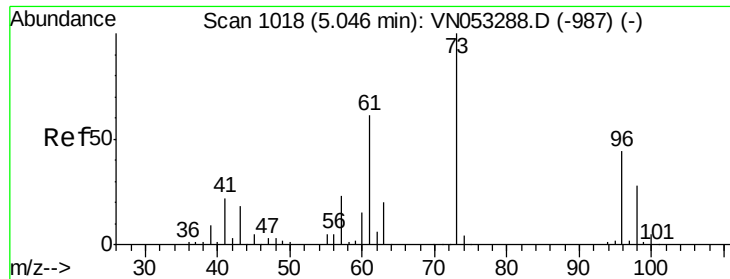
#18
Methyl Acetate
Concen: 18.507 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN053356.D
Acq: 11 Jan 2019 10:42

Tgt Ion: 43 Resp: 147187
Ion Ratio Lower Upper
43 100
74 24.2 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VNC
Ion 74.00 (73.70 to 74.70): VNC

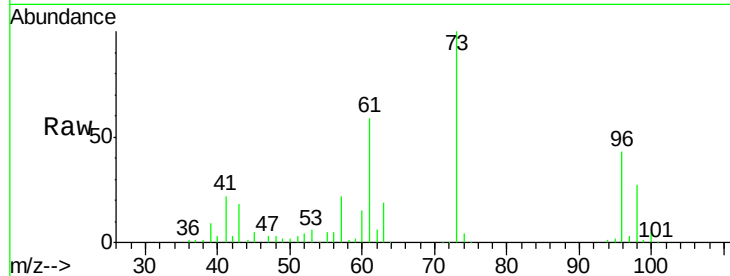




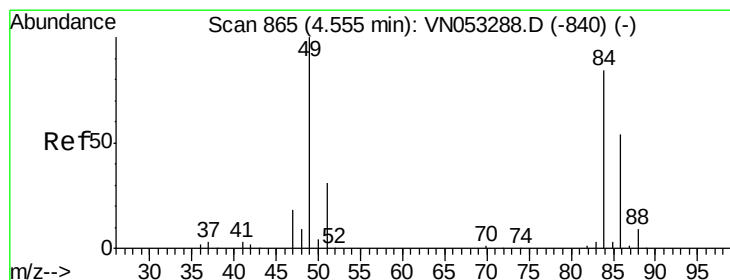
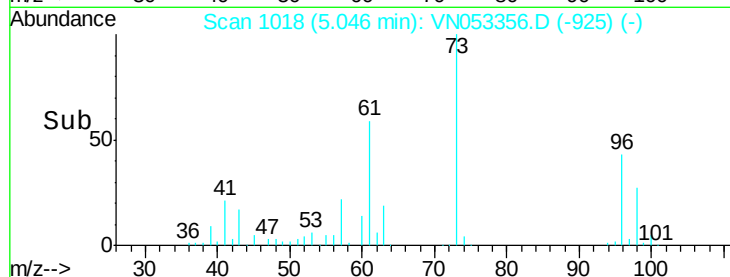
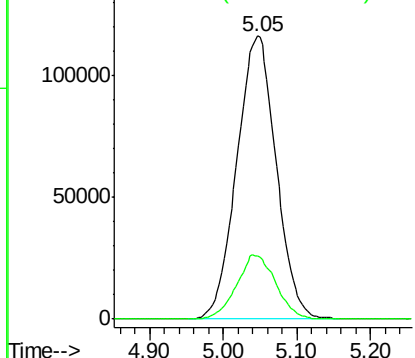
#19

Methyl tert-butyl Ether
 Concen: 19.481 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VN053356.D
 Acq: 11 Jan 2019 10:42

Tot Ion: 73 Resp: 430894
 Ion Ratio Lower Upper
 73 100
 57 22.2 18.5 27.7



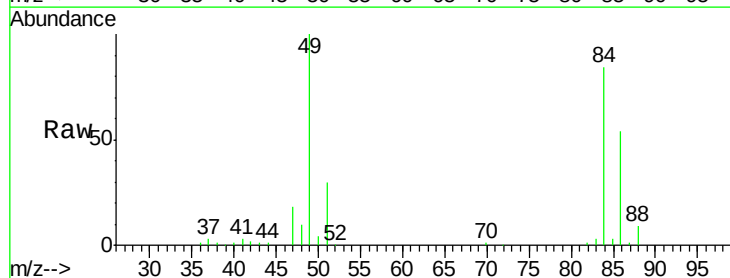
Abundance Ion 73.00 (72.70 to 73.70): VN0
 Ion 57.00 (56.70 to 57.70): VN0



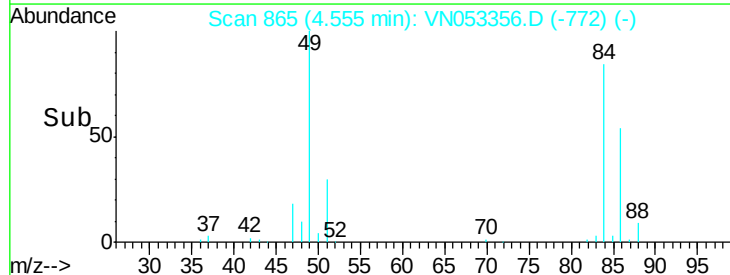
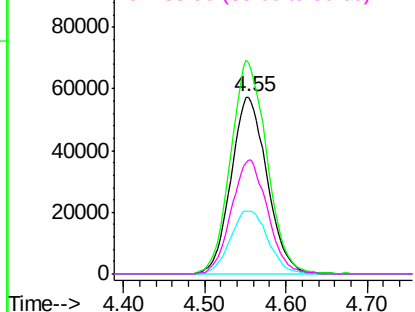
#20

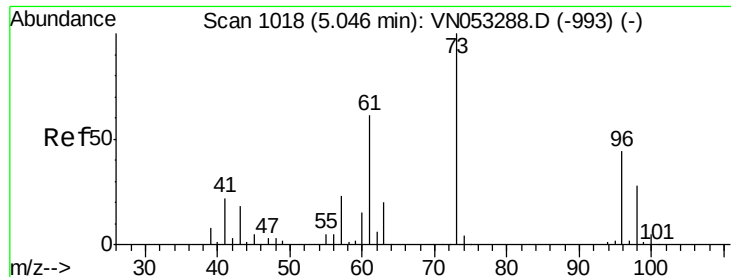
Methylene Chloride
 Concen: 18.714 ug/l
 RT: 4.55 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VN053356.D
 Acq: 11 Jan 2019 10:42

Tgt Ion: 84 Resp: 176618
 Ion Ratio Lower Upper
 84 100
 49 119.2 95.3 142.9
 51 35.4 29.0 43.6
 86 64.7 51.7 77.5



Abundance Ion 83.90 (83.60 to 84.60): VN0
 Ion 48.90 (48.60 to 49.60): VN0
 Ion 50.90 (50.60 to 51.60): VN0
 Ion 85.90 (85.60 to 86.60): VN0

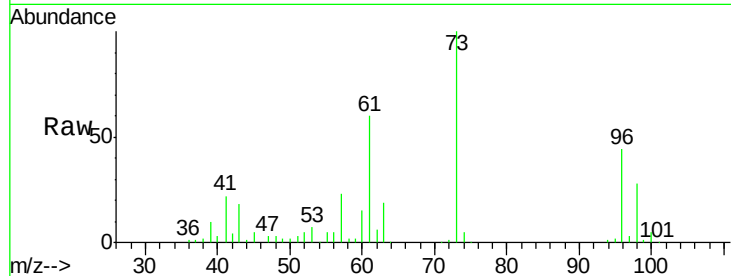




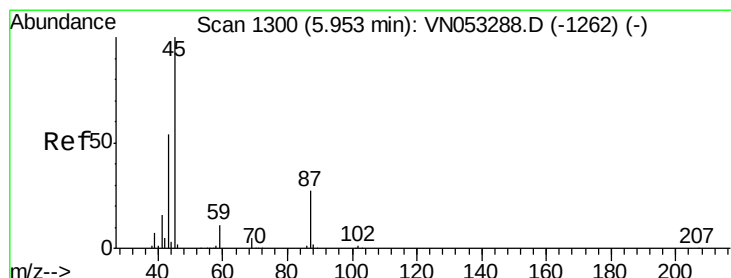
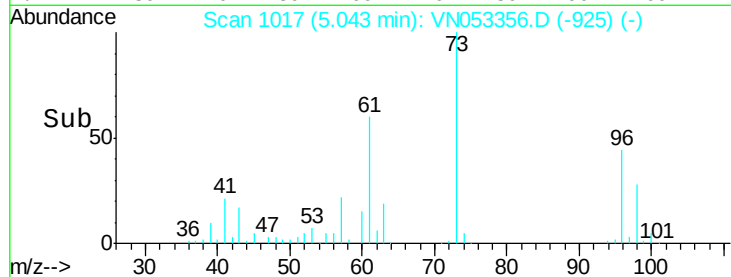
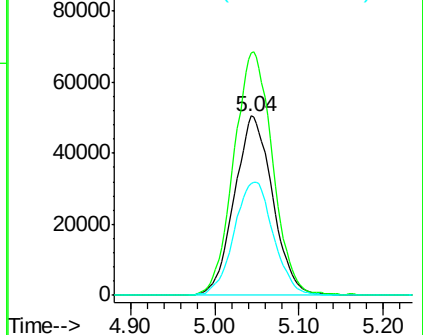
#21

trans-1,2-Dichloroethene
Concen: 18.856 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN053356.D
Acq: 11 Jan 2019 10:42

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.4	110.2	165.4
98	62.6	50.7	76.1



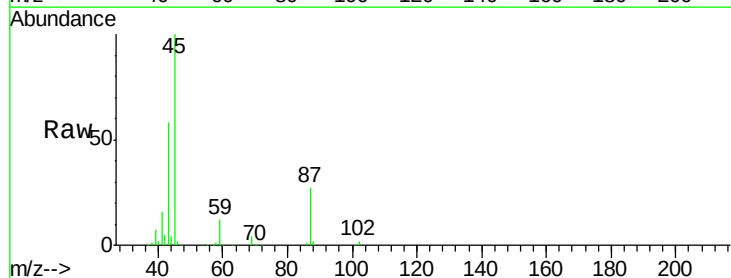
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



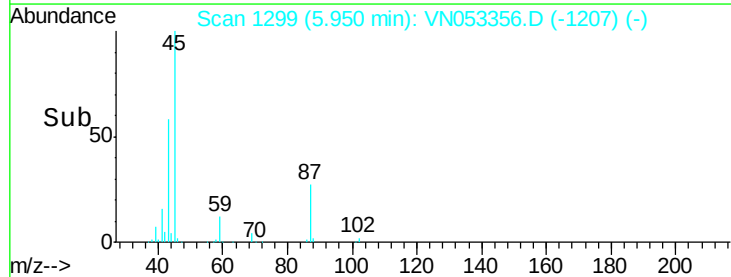
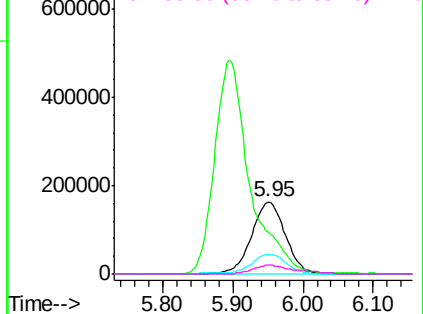
#22

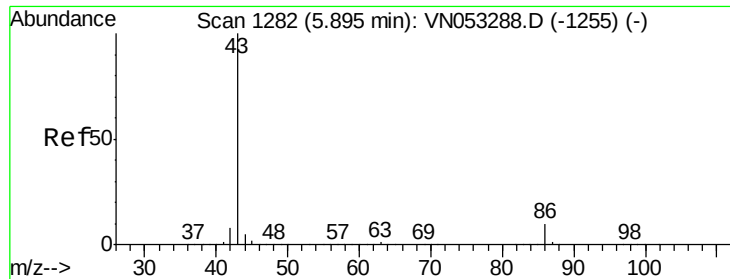
Diisopropyl ether
Concen: 19.948 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. -0.00 min
Lab File: VN053356.D
Acq: 11 Jan 2019 10:42

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.4	43.0	64.6
87	26.8	22.1	33.1
59	11.7	9.0	13.4



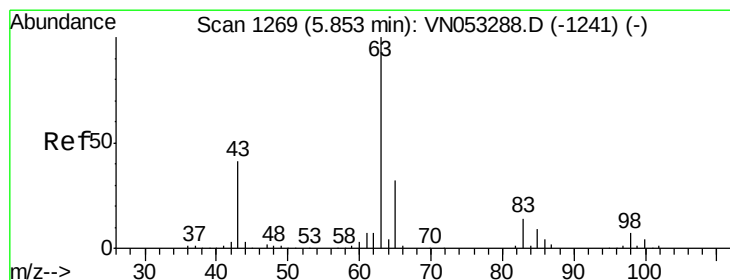
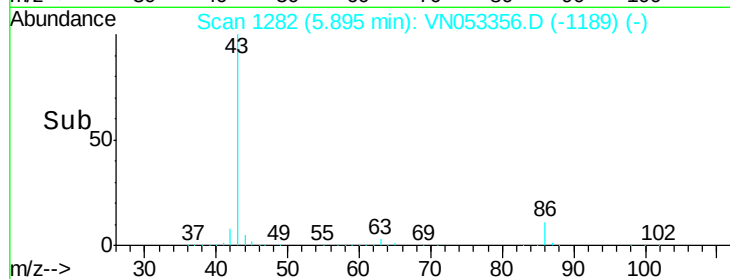
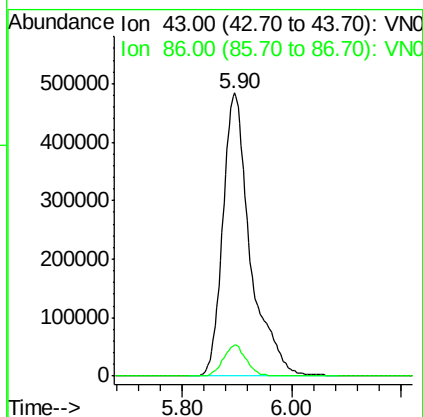
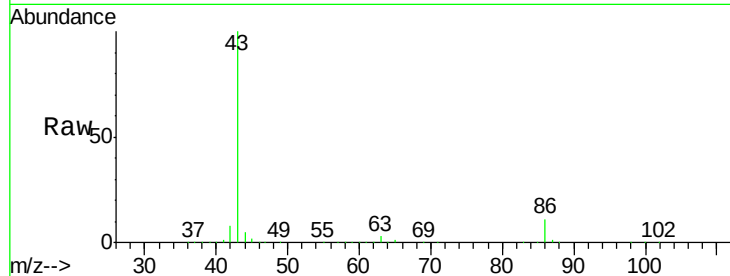
Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





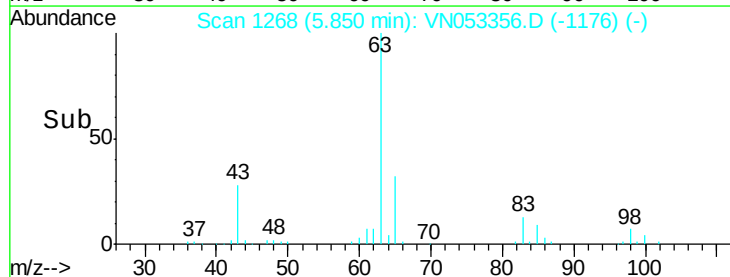
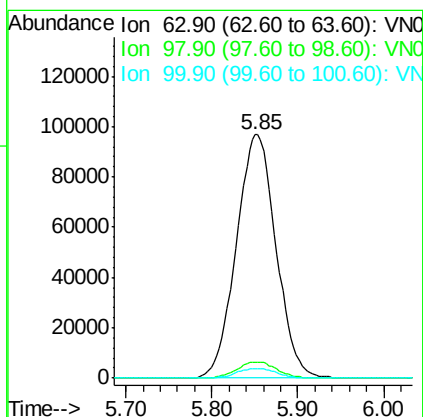
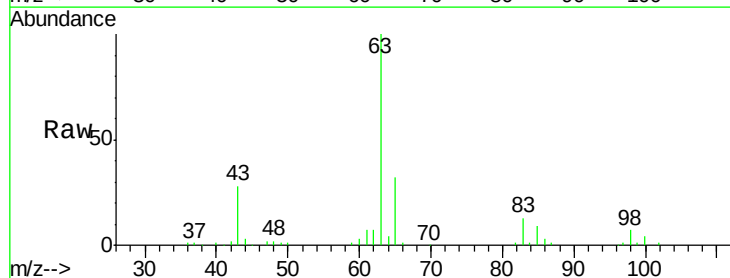
#23
 Vinyl Acetate
 Concen: 98.146 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN053356.D
 Acq: 11 Jan 2019 10:42

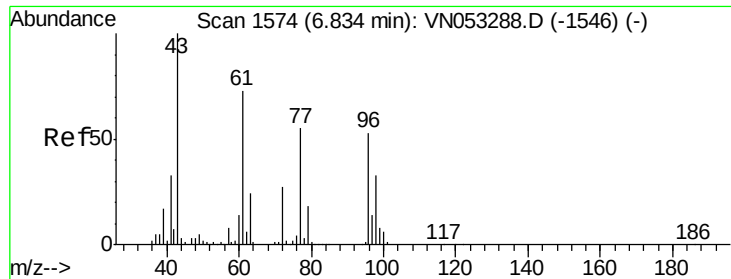
Tot Ion: 43 Resp: 1689881
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 19.646 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VN053356.D
 Acq: 11 Jan 2019 10:42

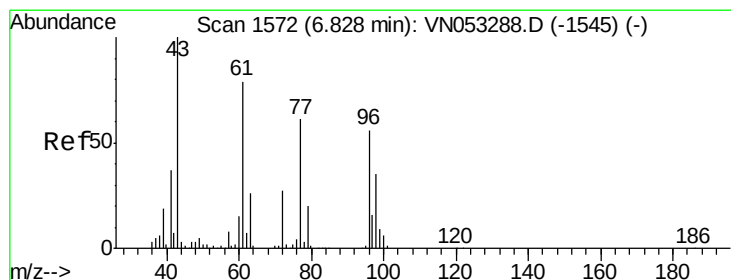
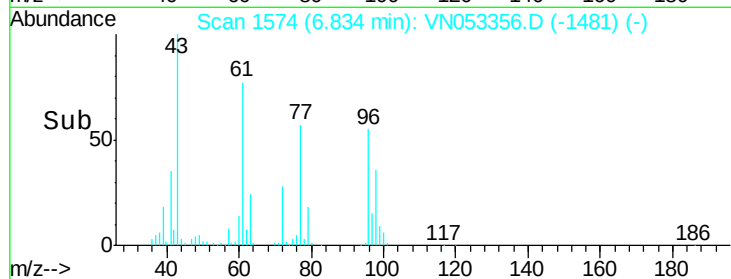
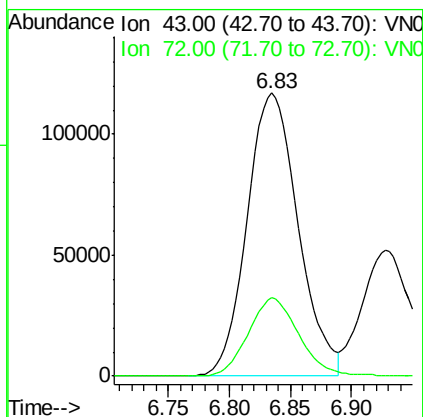
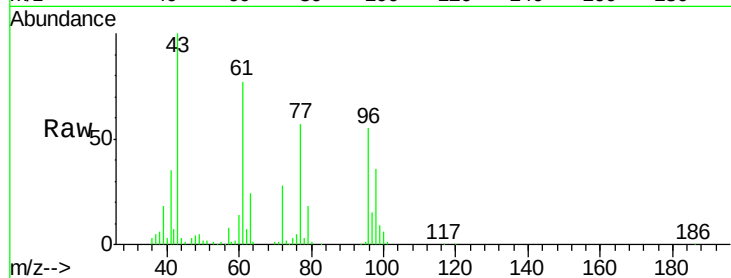
Tgt Ion: 63 Resp: 310053
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.8
 100 4.0 2.1 6.5





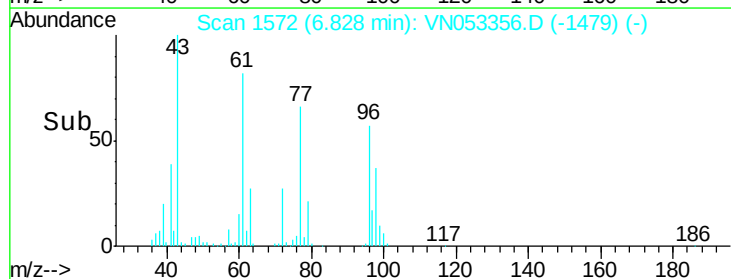
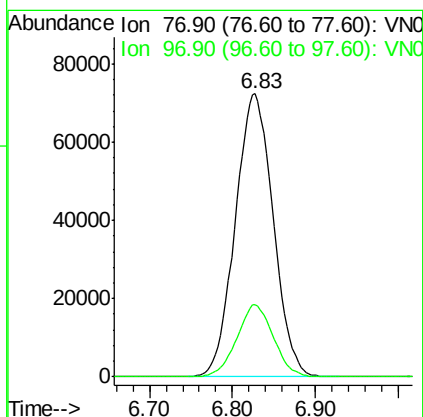
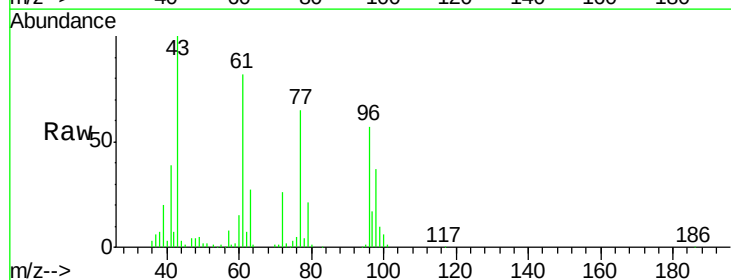
#25
2-Butanone
Concen: 93.912 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VN053356.D
Acq: 11 Jan 2019 10:42

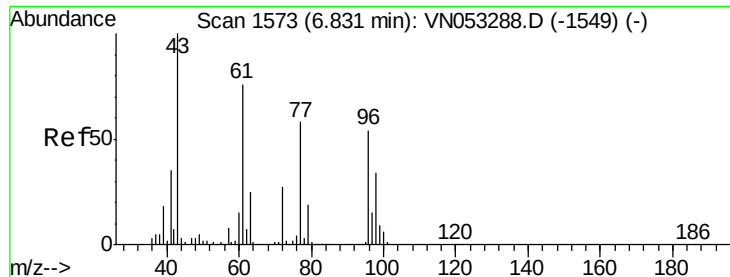
Tot Ion: 43 Resp: 338563
Ion Ratio Lower Upper
43 100
72 27.7 22.0 33.0



#26
2,2-Dichloropropane
Concen: 19.946 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN053356.D
Acq: 11 Jan 2019 10:42

Tgt Ion: 77 Resp: 230117
Ion Ratio Lower Upper
77 100
97 24.6 12.3 36.9





#27

cis-1,2-Dichloroethene

Concen: 19.741 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN053356.D

Acq: 11 Jan 2019 10:42

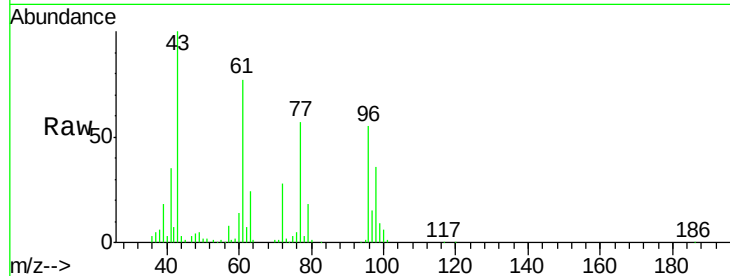
Tot Ion: 96 Resp: 190762

Ion Ratio Lower Upper

96 100

61 142.0 0.0 280.6

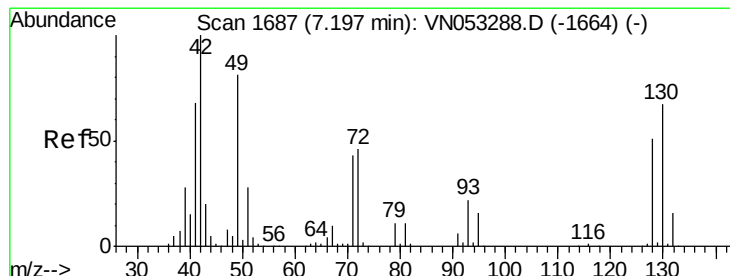
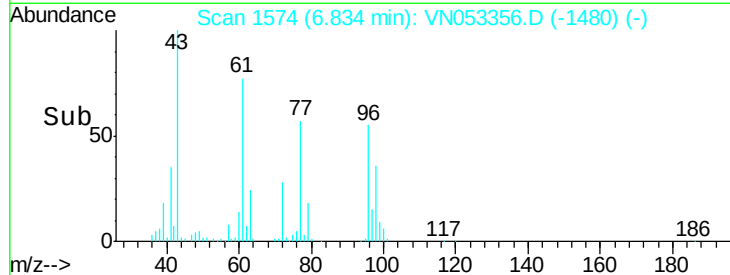
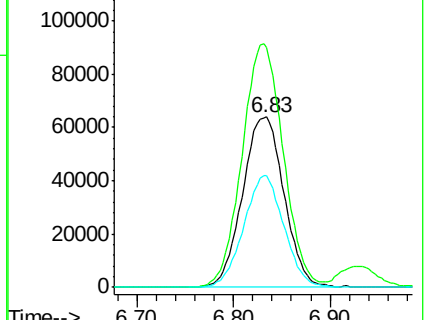
98 63.4 0.0 127.6



Abundance Ion 95.90 (95.60 to 96.60): VN053356.D (-1480) (-)

Ion 60.90 (60.60 to 61.60): VN053356.D (-1480) (-)

Ion 97.90 (97.60 to 98.60): VN053356.D (-1480) (-)



#28

Bromochloromethane

Concen: 21.471 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN053356.D

Acq: 11 Jan 2019 10:42

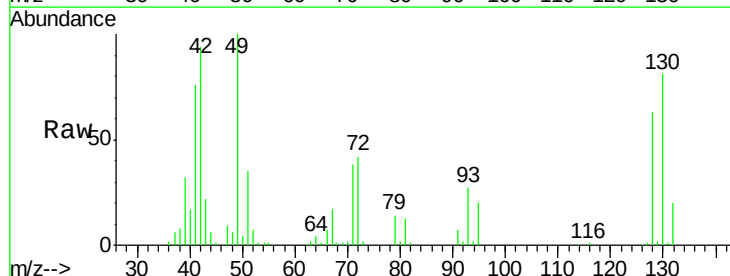
Tgt Ion: 49 Resp: 144404

Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

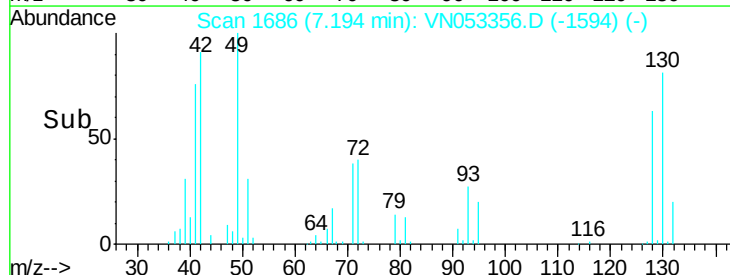
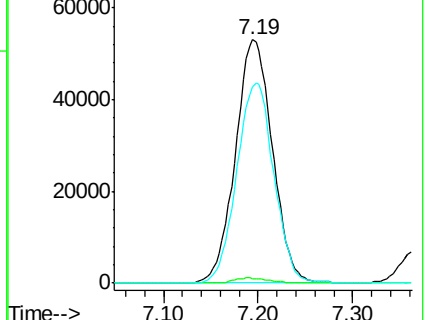
130 82.5 65.4 98.0

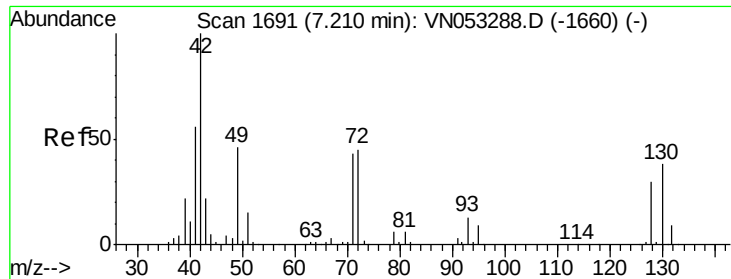


Abundance Ion 48.90 (48.60 to 49.60): VN053356.D (-1594) (-)

Ion 128.80 (128.50 to 129.50): VN053356.D (-1594) (-)

Ion 129.80 (129.50 to 130.50): VN053356.D (-1594) (-)





#29

Tetrahydrofuran

Concen: 92.813 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. 0.00 min

Lab File: VN053356.D

Acq: 11 Jan 2019 10:42

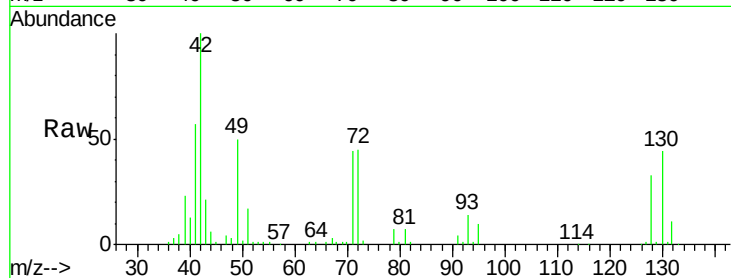
Tot Ion: 42 Resp: 220806

Ion Ratio Lower Upper

42 100

72 44.1 35.6 53.4

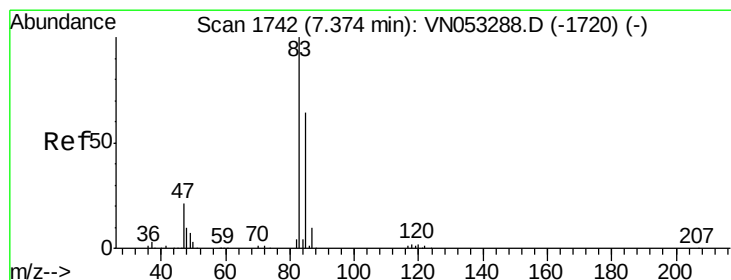
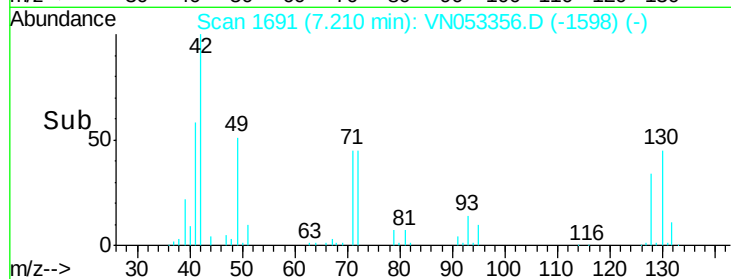
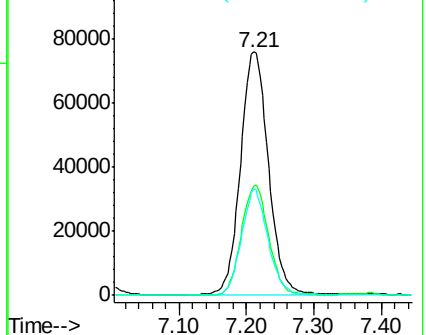
71 40.8 33.8 50.8



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 19.398 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VN053356.D

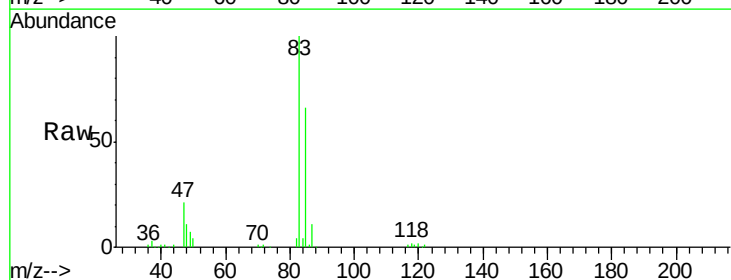
Acq: 11 Jan 2019 10:42

Tgt Ion: 83 Resp: 301328

Ion Ratio Lower Upper

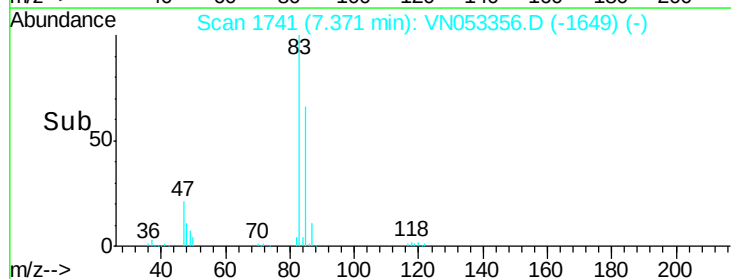
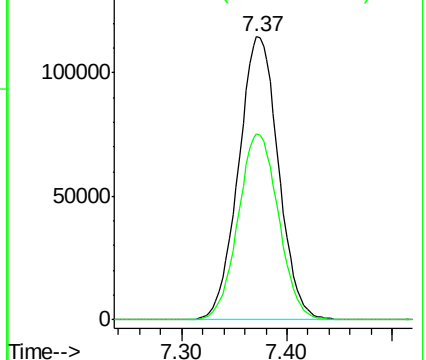
83 100

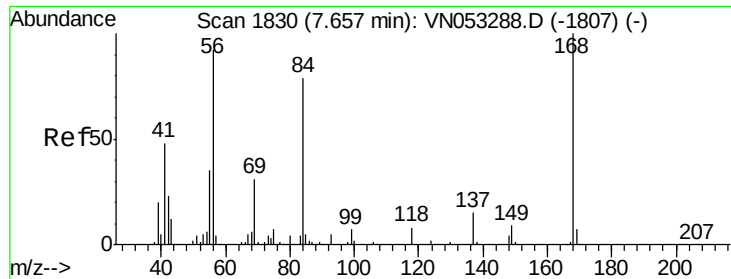
85 65.7 51.3 76.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 19.074 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN053356.D

Acq: 11 Jan 2019 10:42

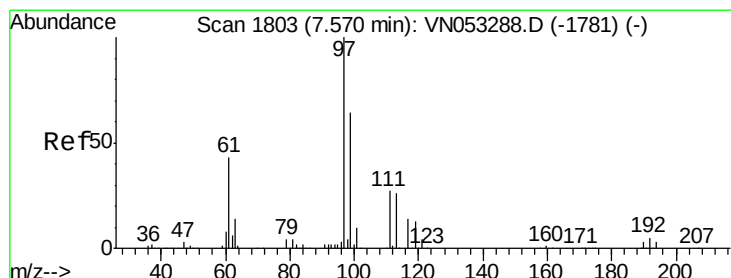
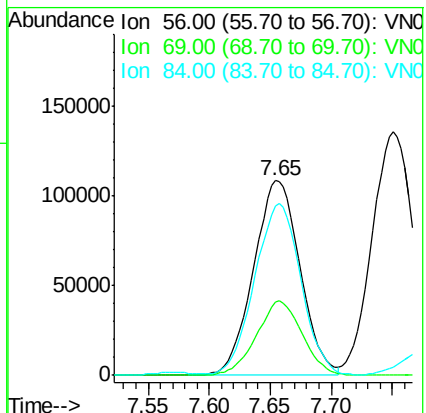
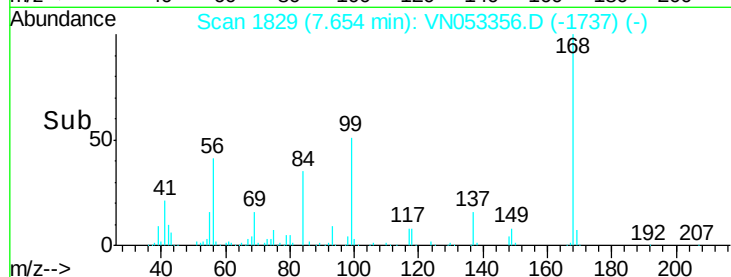
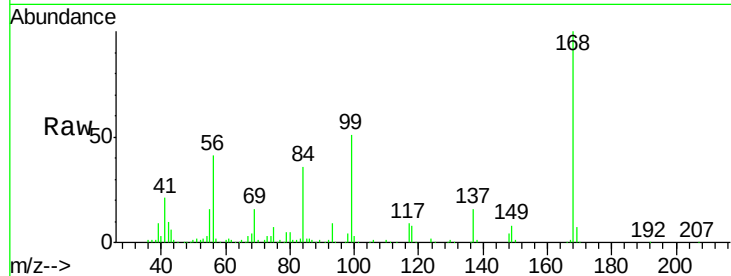
Tot Ion: 56 Resp: 287878

Ion Ratio Lower Upper

56 100

69 37.7 26.7 40.1

84 85.9 68.2 102.4



#32

1,1,1-Trichloroethane

Concen: 19.345 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN053356.D

Acq: 11 Jan 2019 10:42

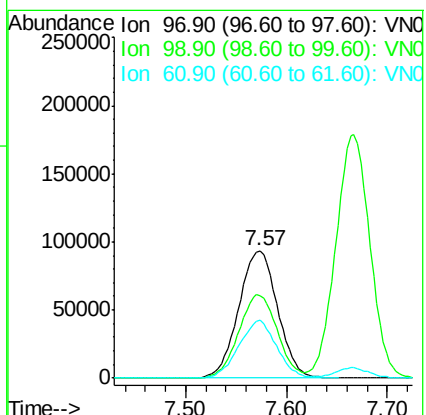
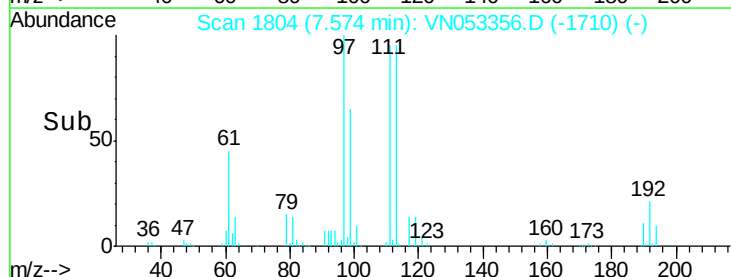
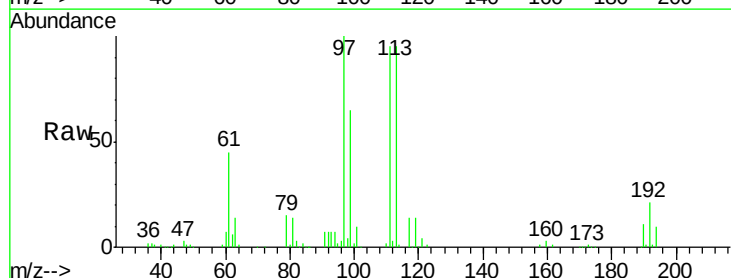
Tgt Ion: 97 Resp: 250411

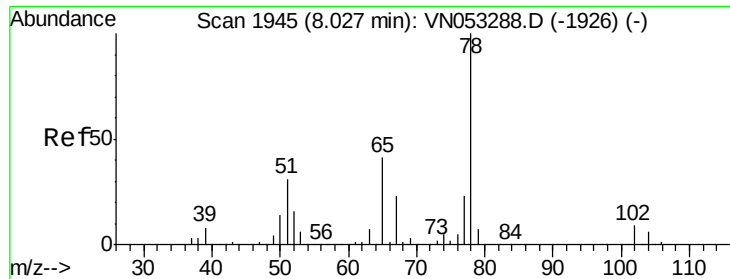
Ion Ratio Lower Upper

97 100

99 64.8 51.6 77.4

61 43.9 34.6 52.0





#33

1,2-Dichloroethane-d4

Concen: 19.345 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053356.D

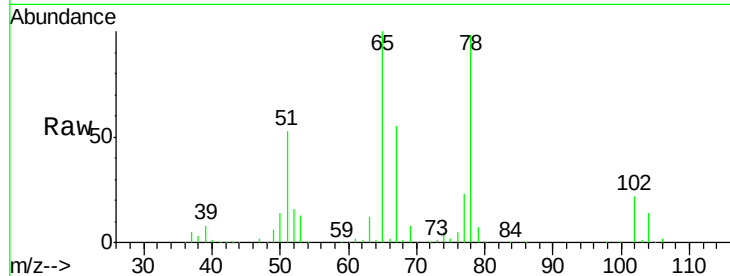
Acq: 11 Jan 2019 10:42

Tot Ion: 65 Resp: 436240

Ion Ratio Lower Upper

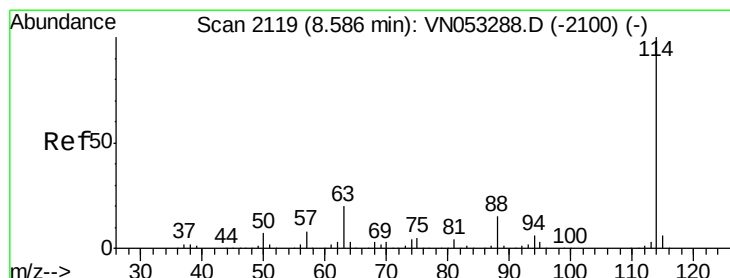
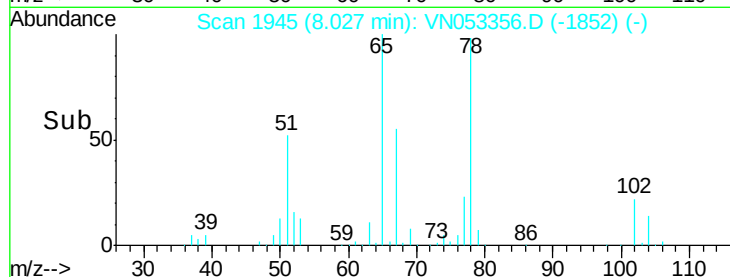
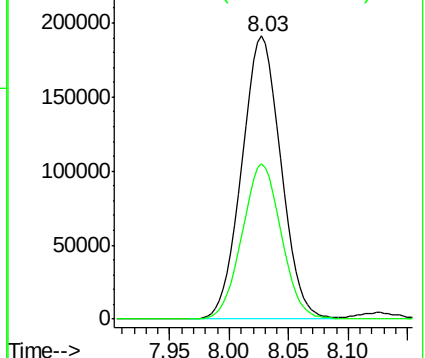
65 100

67 54.9 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053356.D

Acq: 11 Jan 2019 10:42

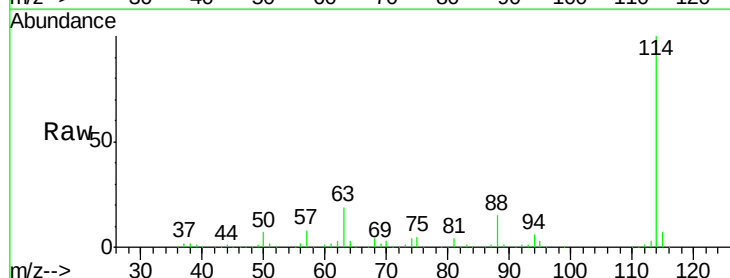
Tgt Ion: 114 Resp: 1282860

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.0

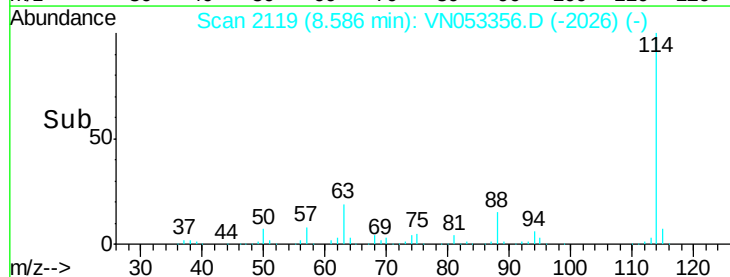
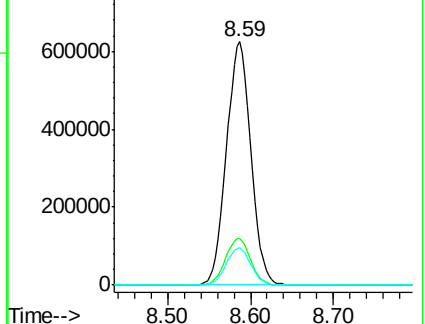
88 15.2 0.0 30.8

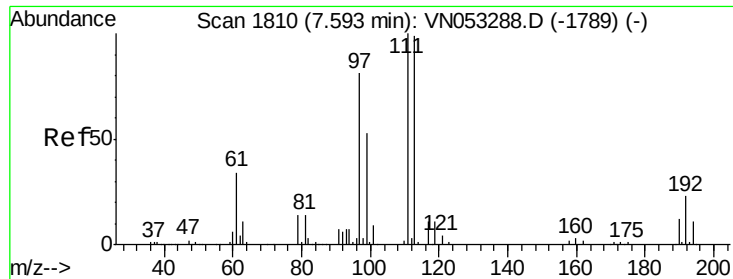


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

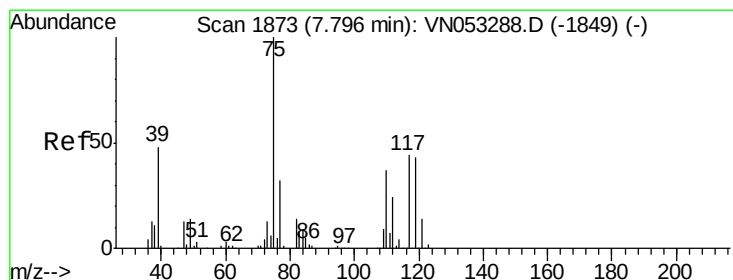
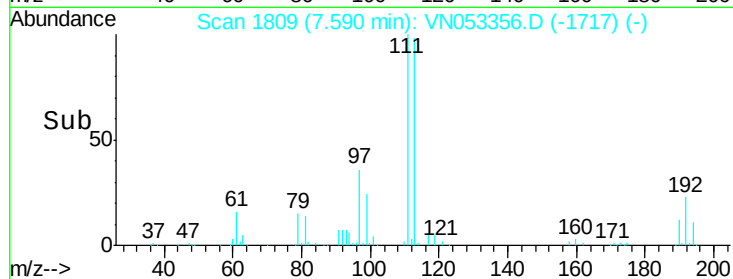
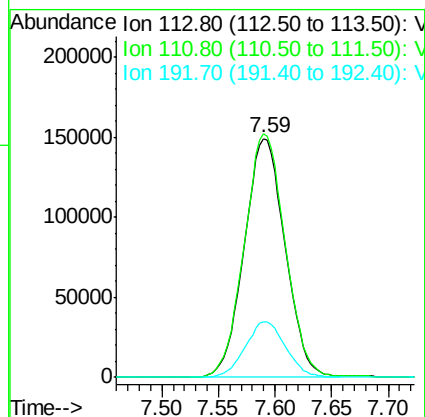
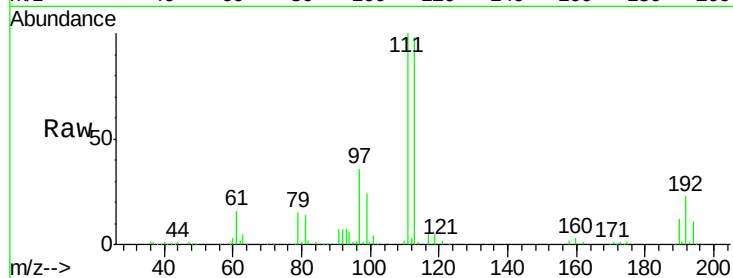
Ion 87.90 (87.60 to 88.60): VN0





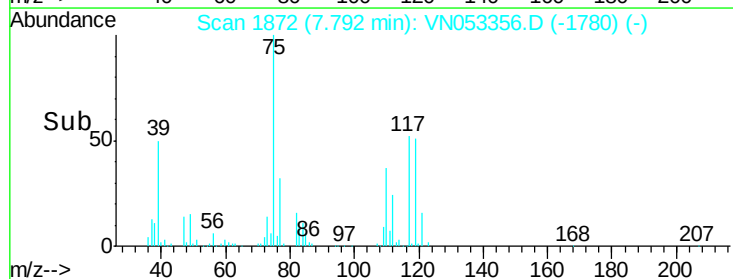
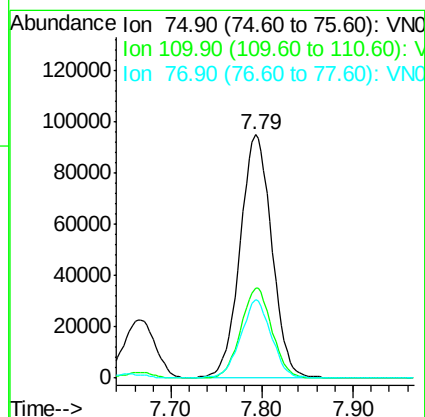
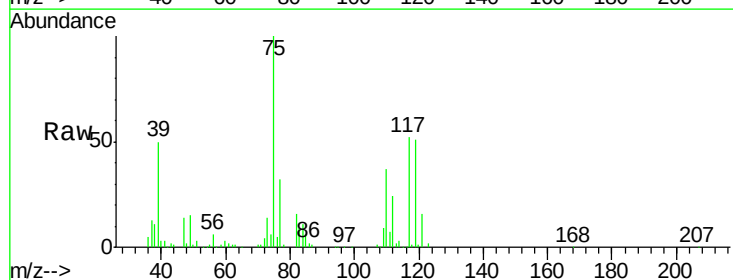
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053356.D
 Acq: 11 Jan 2019 10:42

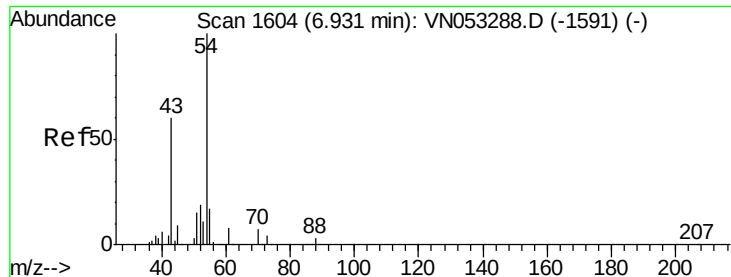
Tot Ion:113 Resp: 374680
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.4 122.2
 192 23.0 17.9 26.9



#36
 1,1-Dichloropropene
 Concen: 19.130 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN053356.D
 Acq: 11 Jan 2019 10:42

Tgt Ion: 75 Resp: 229109
 Ion Ratio Lower Upper
 75 100
 110 36.4 18.4 55.0
 77 31.2 25.3 37.9





#37

Ethyl Acetate

Concen: 18.801 ug/l

RT: 6.93 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VN053356.D

Acq: 11 Jan 2019 10:42

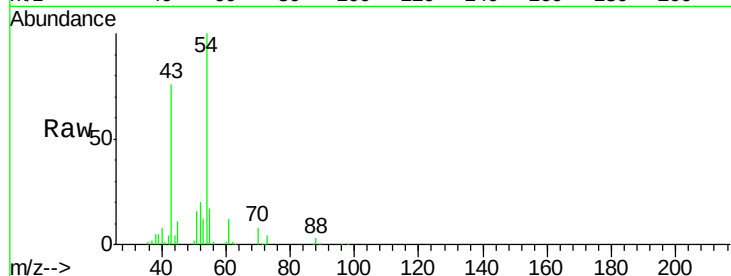
Tot Ion: 43 Resp: 146665

Ion Ratio Lower Upper

43 100

61 14.8 11.9 17.9

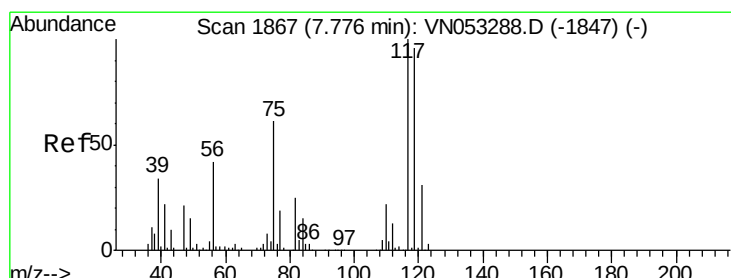
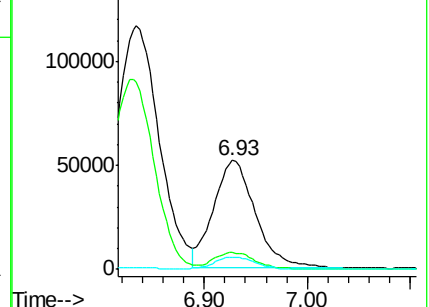
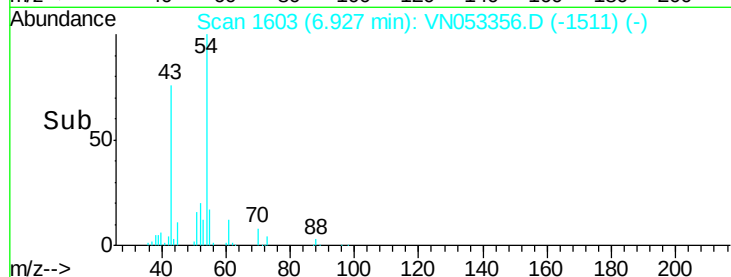
70 10.7 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN053356.D (-1511) (-)

Ion 60.90 (60.60 to 61.60): VN053356.D (-1511) (-)

Ion 70.00 (69.70 to 70.70): VN053356.D (-1511) (-)



#38

Carbon Tetrachloride

Concen: 19.475 ug/l

RT: 7.78 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN053356.D

Acq: 11 Jan 2019 10:42

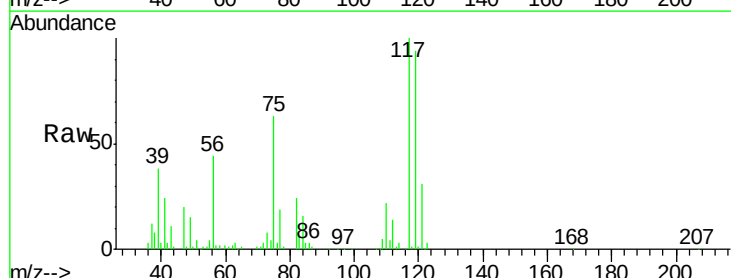
Tgt Ion: 117 Resp: 215277

Ion Ratio Lower Upper

117 100

119 93.5 76.6 115.0

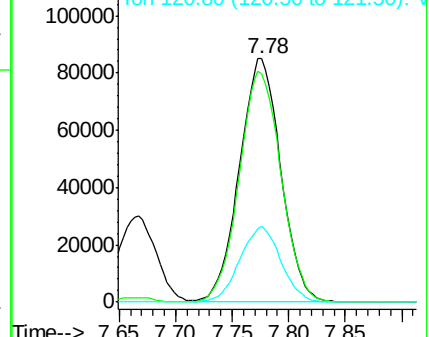
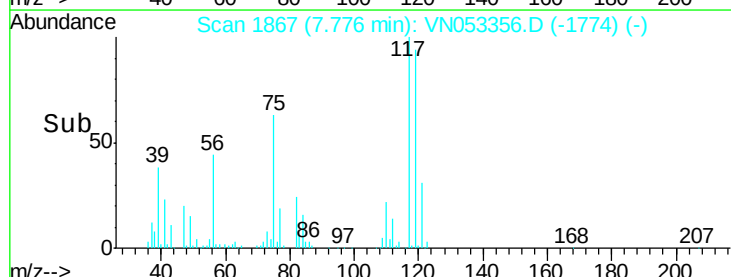
121 31.0 25.0 37.4

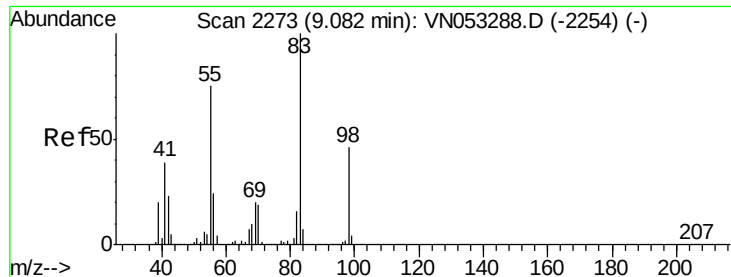


Abundance Ion 116.80 (116.50 to 117.50): VN053356.D (-1774) (-)

Ion 118.80 (118.50 to 119.50): VN053356.D (-1774) (-)

Ion 120.80 (120.50 to 121.50): VN053356.D (-1774) (-)

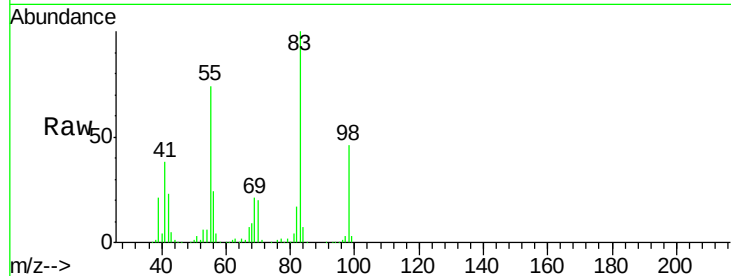




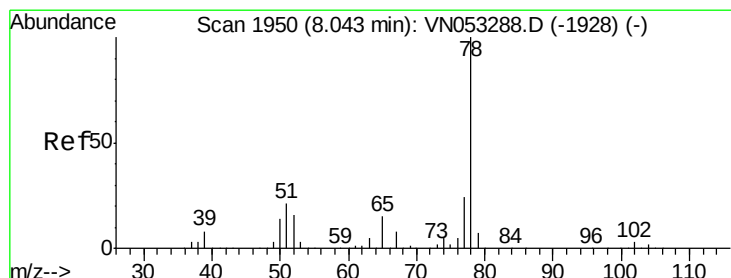
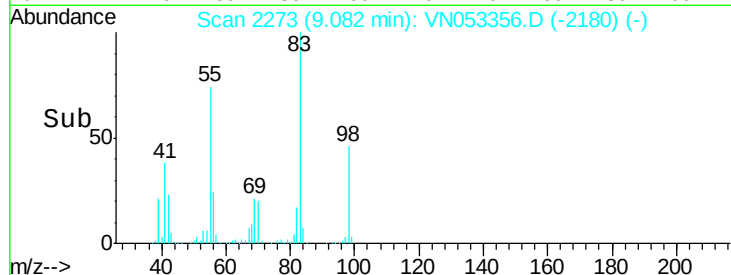
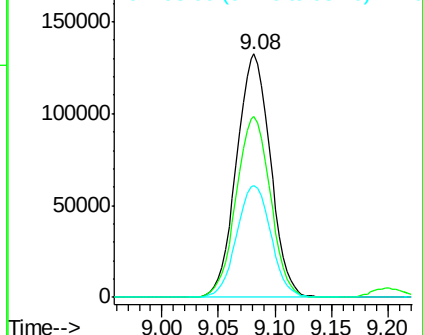
#39
Methvlcvclohexane
Concen: 20.000 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053356.D
Acq: 11 Jan 2019 10:42

Tot Ion: 83 Resp: 277493

Ion	Ratio	Lower	Upper
83	100		
55	74.3	60.1	90.1
98	45.8	36.7	55.1



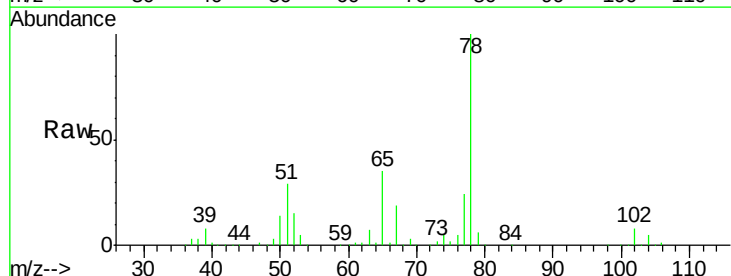
Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0



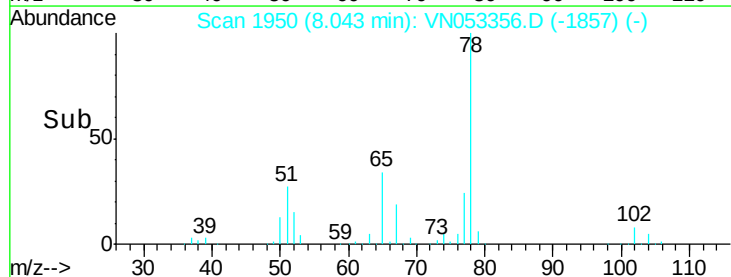
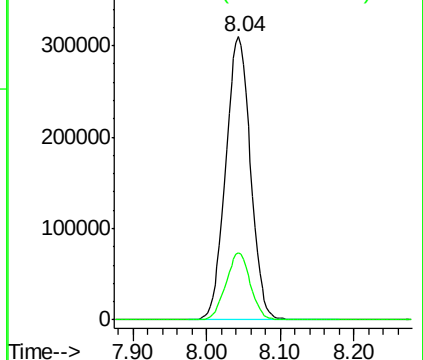
#40
Benzene
Concen: 19.771 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053356.D
Acq: 11 Jan 2019 10:42

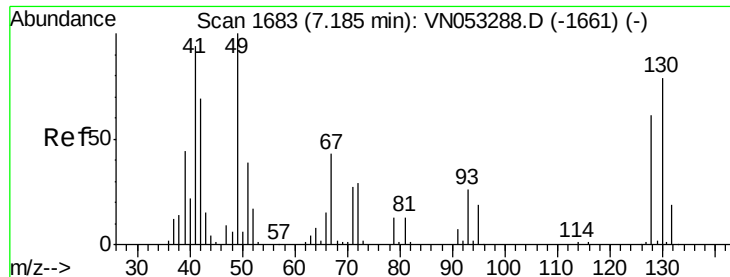
Tgt Ion: 78 Resp: 723297

Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.4



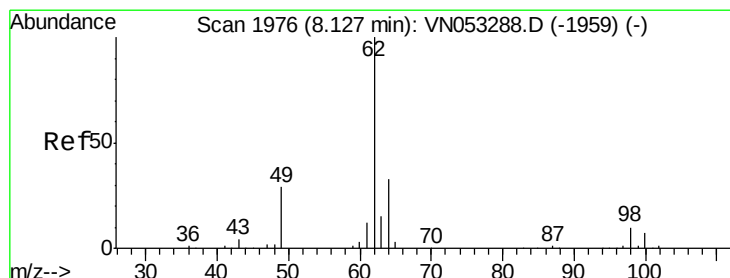
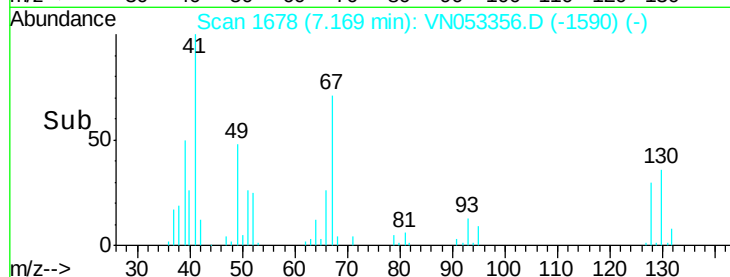
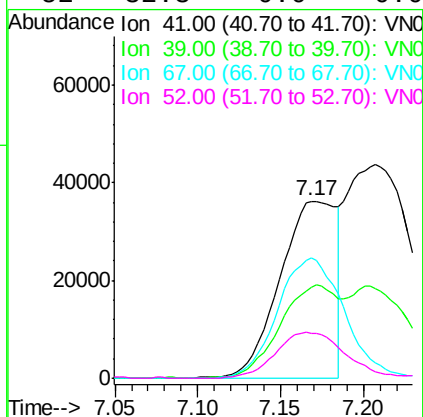
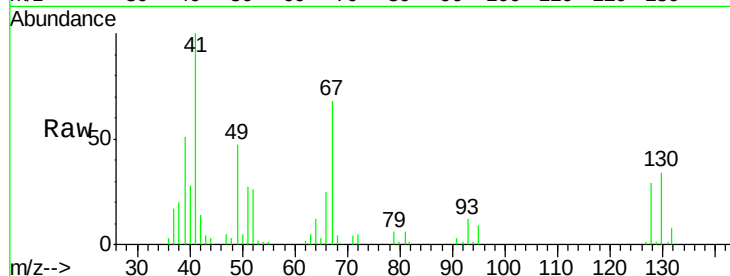
Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





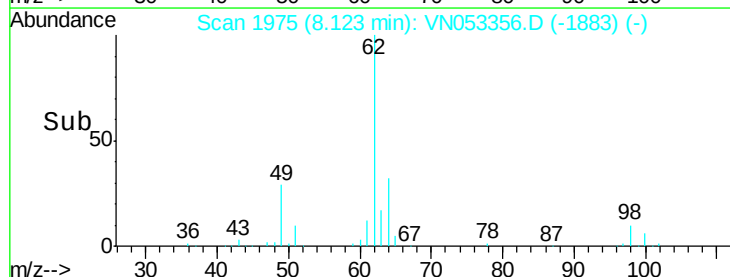
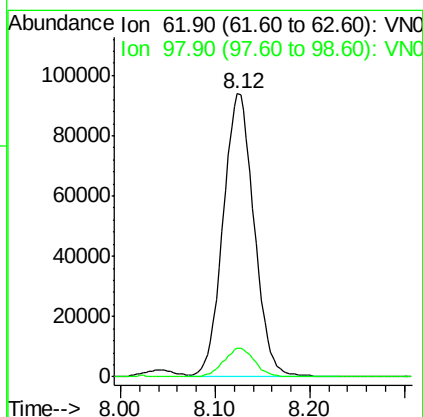
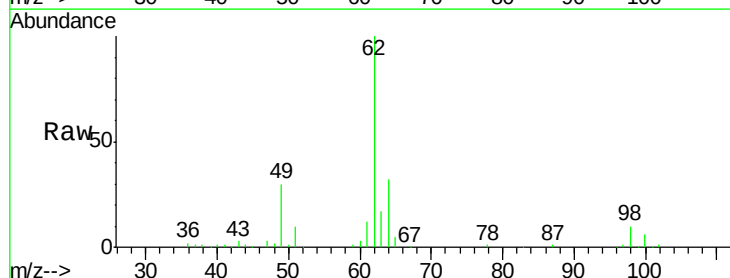
#41
Methacrylonitrile
Concen: 17.748 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.02 min
Lab File: VN053356.D
Acq: 11 Jan 2019 10:42

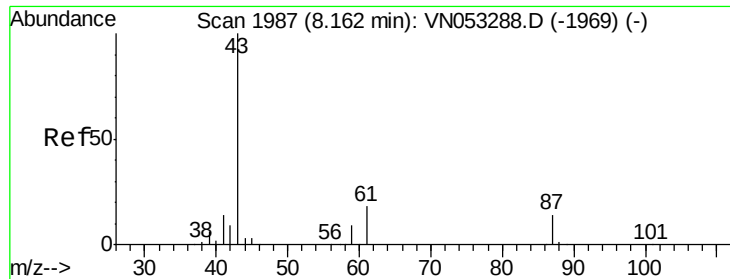
Tot Ion:	41	Resp:	85955
Ion	Ratio	Lower	Upper
41	100		
39	55.4	0.0	0.0#
67	80.4	0.0	0.0#
52	32.3	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 19.731 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN053356.D
Acq: 11 Jan 2019 10:42

Tgt Ion:	62	Resp:	214114
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2





#43

Isopropyl Acetate

Concen: 17.628 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN053356.D

Acq: 11 Jan 2019 10:42

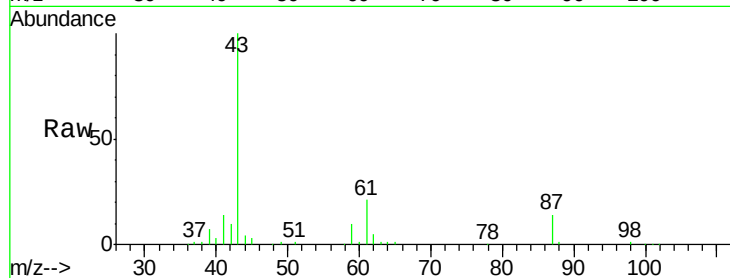
Tot Ion: 43 Resp: 270519

Ion Ratio Lower Upper

43 100

61 29.1 23.3 34.9

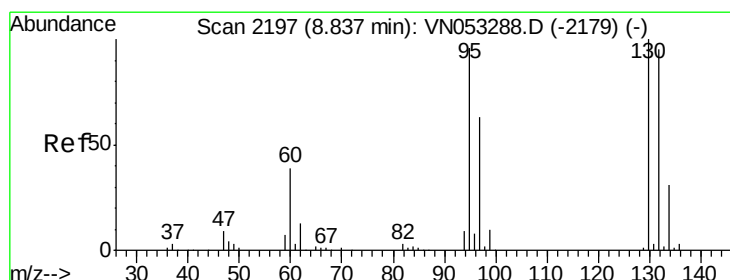
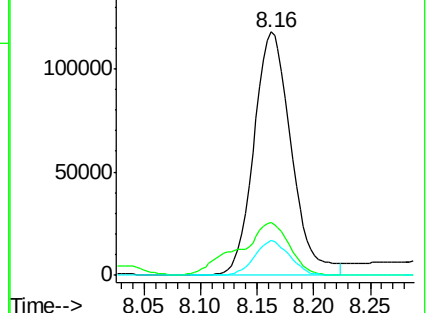
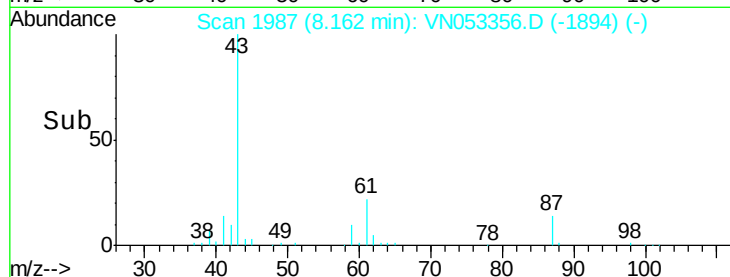
87 13.4 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VN053356.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN053356.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN053356.D (-1894) (-)



#44

Trichloroethene

Concen: 19.480 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN053356.D

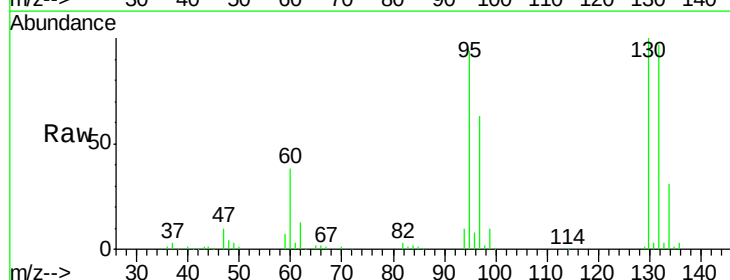
Acq: 11 Jan 2019 10:42

Tgt Ion:130 Resp: 195681

Ion Ratio Lower Upper

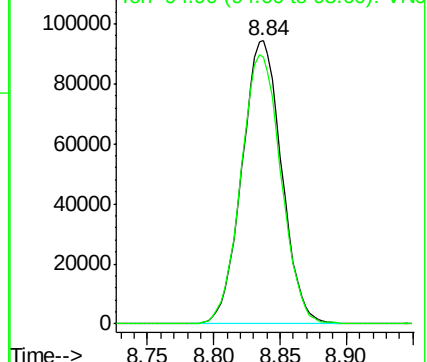
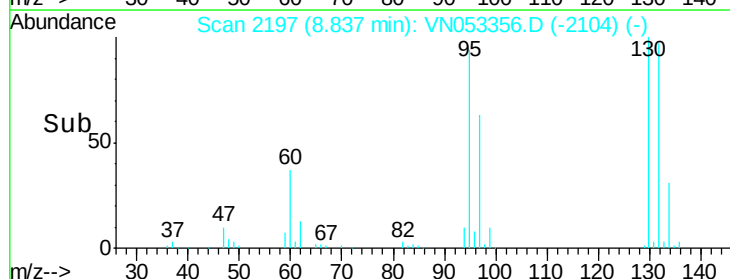
130 100

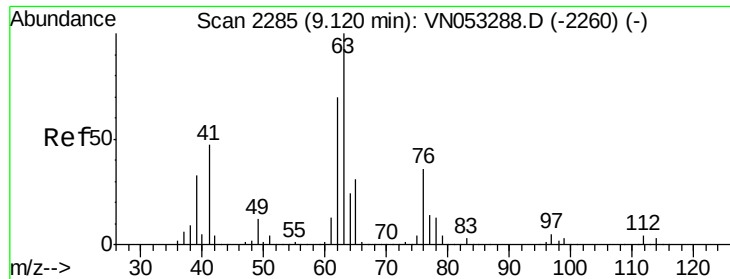
95 94.4 0.0 191.8



Abundance Ion 129.80 (129.50 to 130.50): VN053356.D (-2104) (-)

Ion 94.90 (94.60 to 95.60): VN053356.D (-2104) (-)





#45

1,2-Dichloropropane

Concen: 19.754 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN053356.D

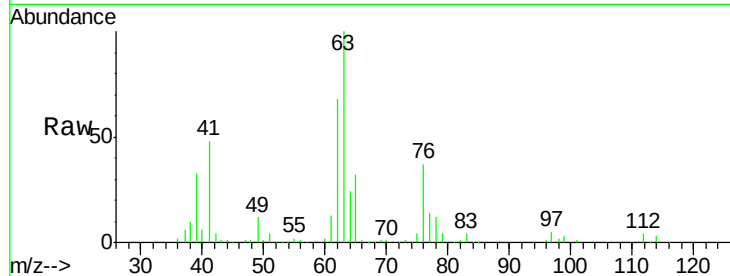
Acq: 11 Jan 2019 10:42

Tot Ion: 63 Resp: 189540

Ion Ratio Lower Upper

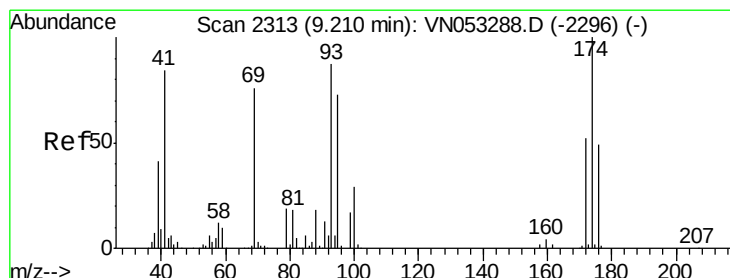
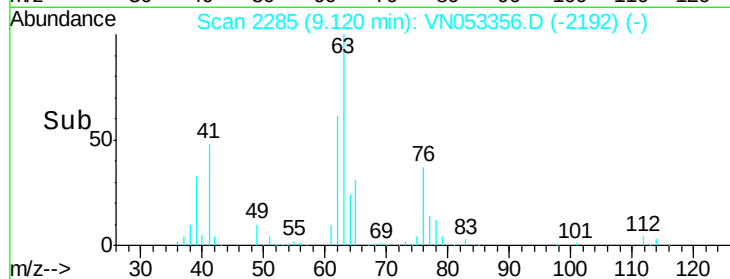
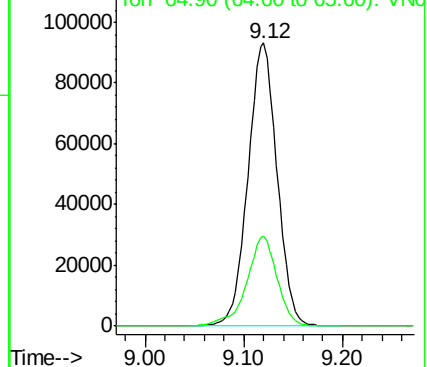
63 100

65 31.8 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.786 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN053356.D

Acq: 11 Jan 2019 10:42

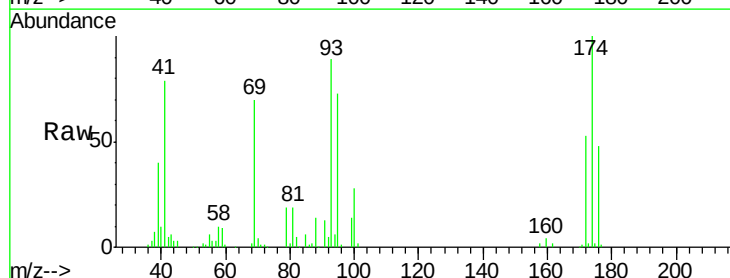
Tgt Ion: 93 Resp: 110694

Ion Ratio Lower Upper

93 100

95 82.0 66.6 100.0

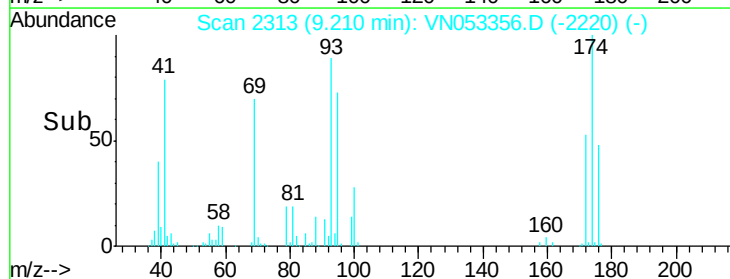
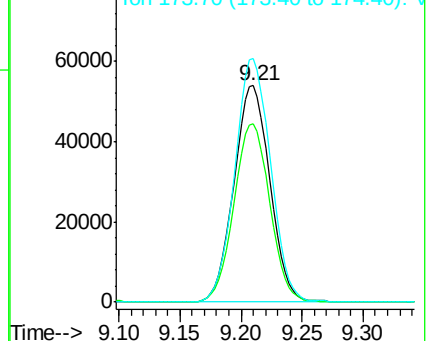
174 111.8 91.4 137.0

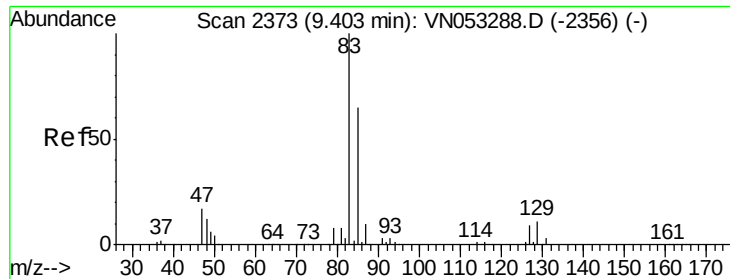


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.727 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN053356.D

Acq: 11 Jan 2019 10:42

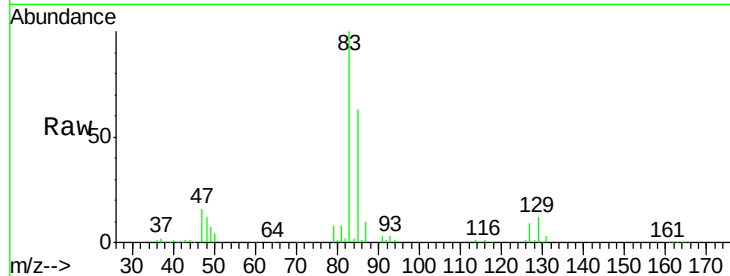
Tot Ion: 83 Resp: 229985

Ion Ratio Lower Upper

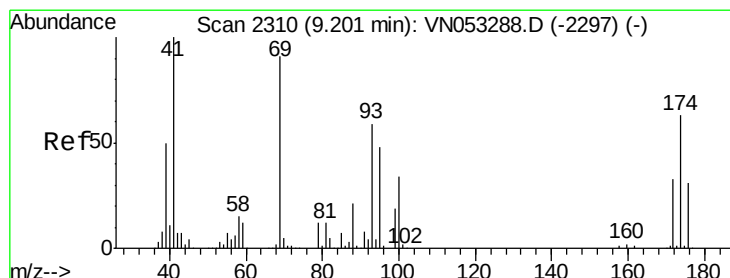
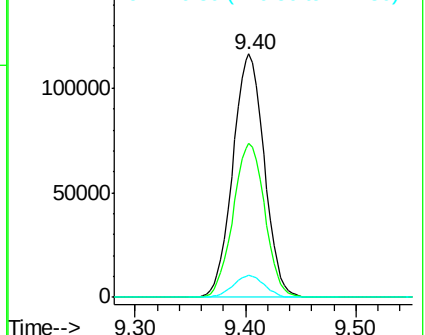
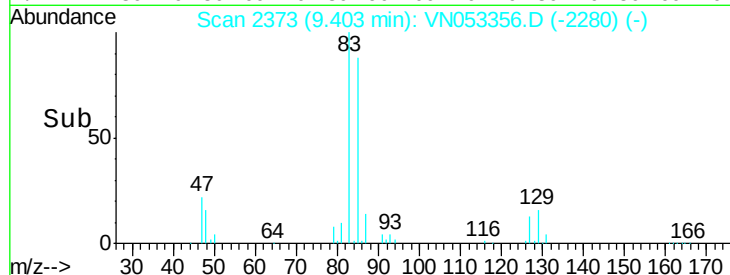
83 100

85 63.1 51.7 77.5

127 9.0 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VN053356.D (-2280) (-)



#48

Methyl methacrylate

Concen: 18.931 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN053356.D

Acq: 11 Jan 2019 10:42

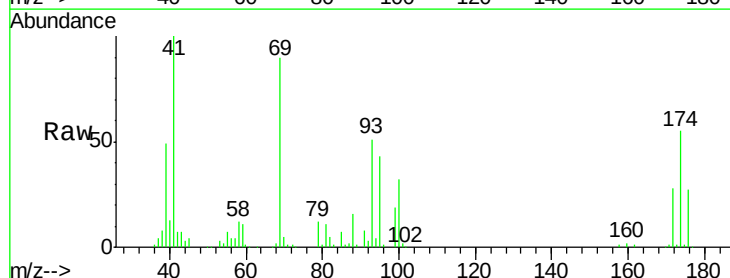
Tgt Ion: 41 Resp: 131989

Ion Ratio Lower Upper

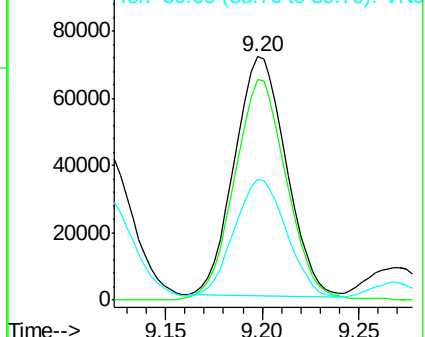
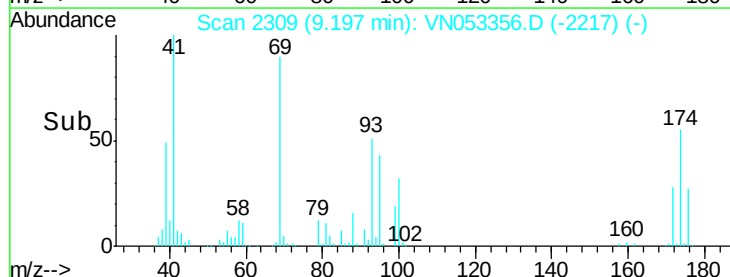
41 100

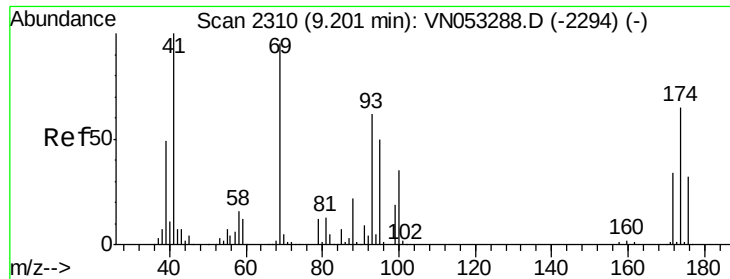
69 93.5 73.5 110.3

39 52.4 41.6 62.4



Abundance Ion 41.00 (40.70 to 41.70): VN053356.D (-2217) (-)





#49

1,4-Dioxane

Concen: 325.826 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN053356.D

Acq: 11 Jan 2019 10:42

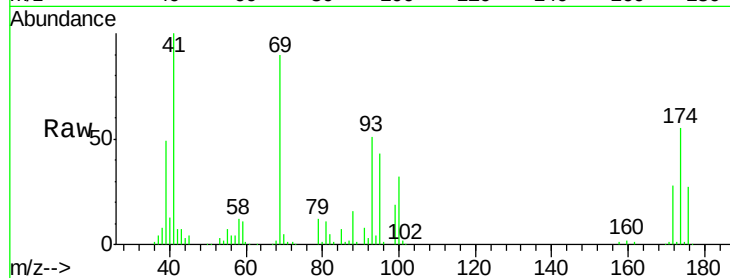
Tot Ion: 88 Resp: 24203

Ion Ratio Lower Upper

88 100

43 37.1 26.2 39.4

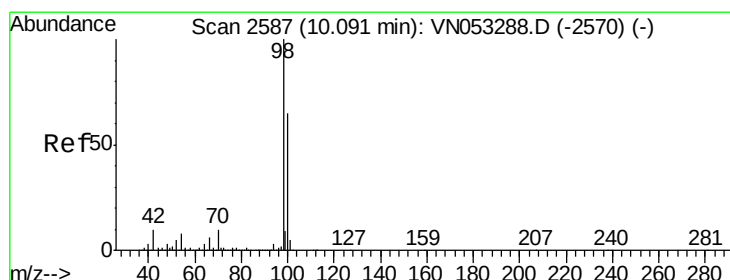
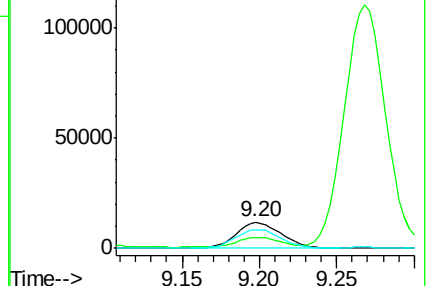
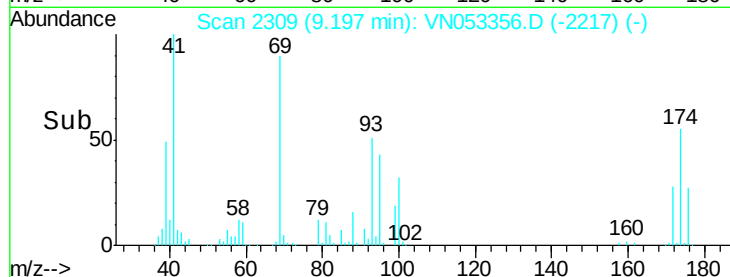
58 72.6 55.5 83.3



Abundance Ion 88.00 (87.70 to 88.70): VN053356.D (-2217) (-)

Ion 43.00 (42.70 to 43.70): VN053356.D (-2217) (-)

Ion 58.00 (57.70 to 58.70): VN053356.D (-2217) (-)



#50

Toluene-d8

Concen: 325.826 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053356.D

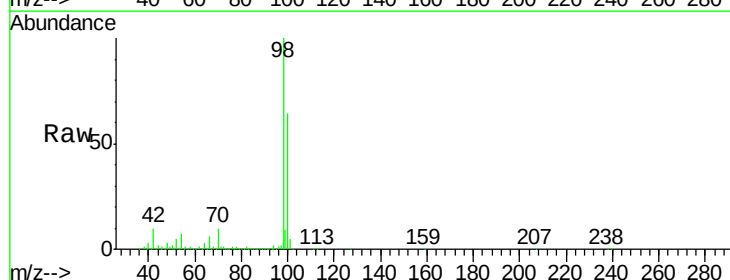
Acq: 11 Jan 2019 10:42

Tgt Ion: 98 Resp: 1575530

Ion Ratio Lower Upper

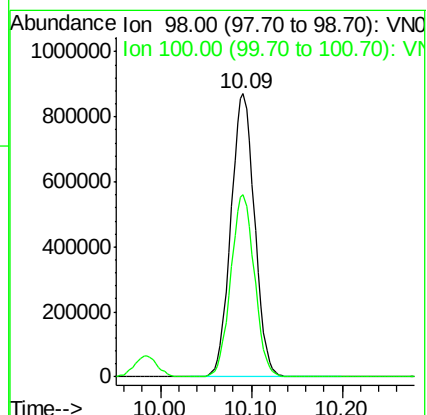
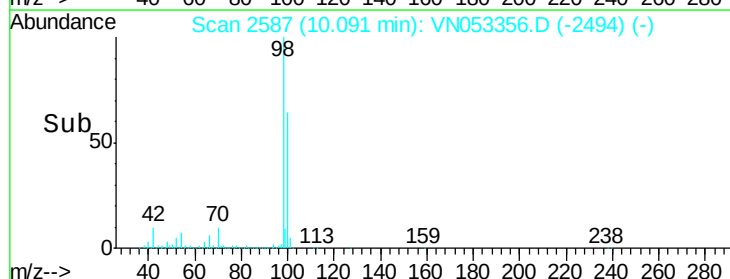
98 100

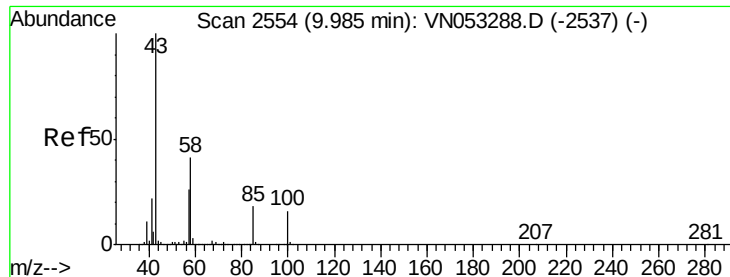
100 64.2 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN053356.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053356.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 97.691 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN053356.D

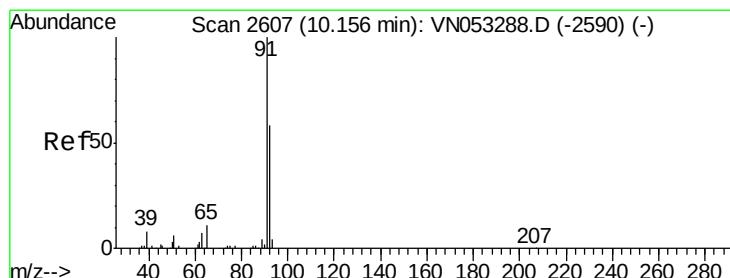
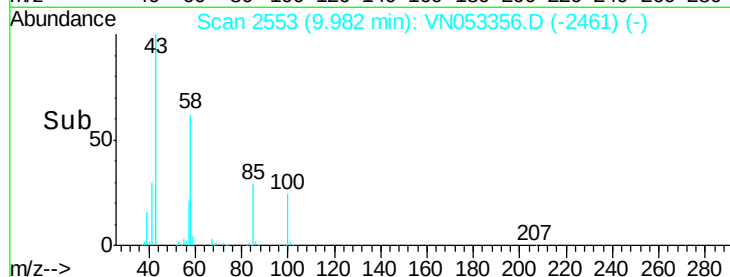
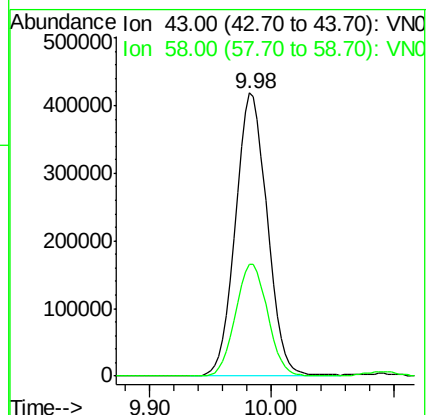
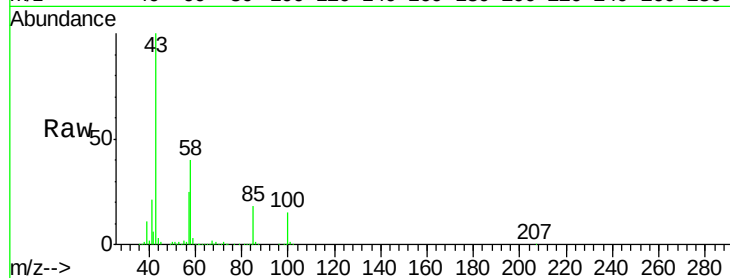
Acq: 11 Jan 2019 10:42

Tot Ion: 43 Resp: 753919

Ion Ratio Lower Upper

43 100

58 40.3 32.7 49.1



#52

Toluene

Concen: 19.712 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053356.D

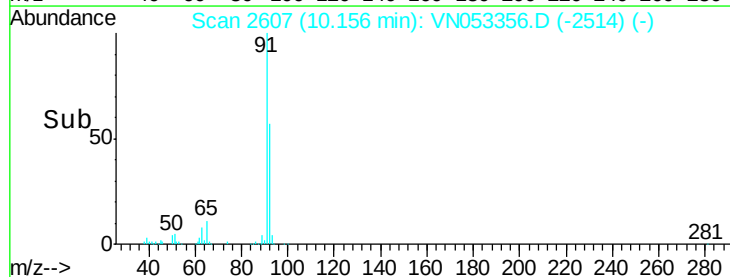
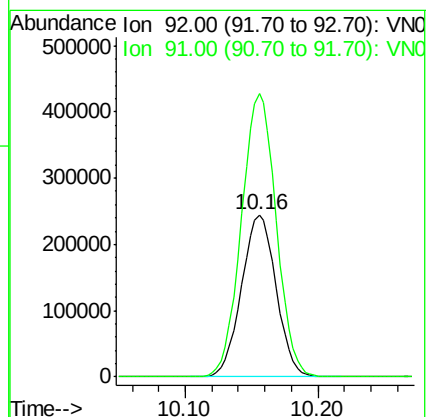
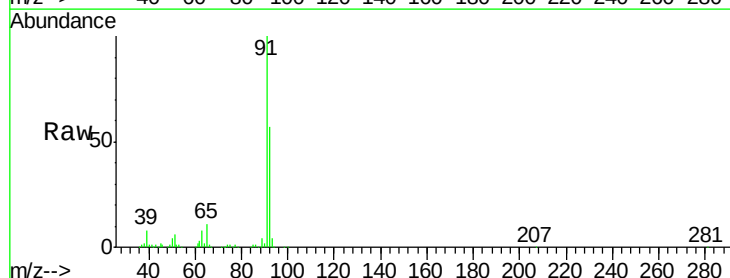
Acq: 11 Jan 2019 10:42

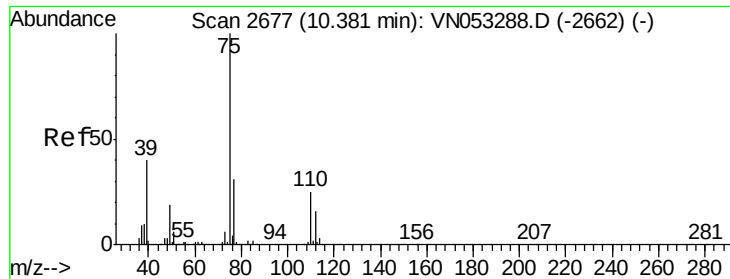
Tgt Ion: 92 Resp: 442406

Ion Ratio Lower Upper

92 100

91 176.1 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 19.695 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN053356.D

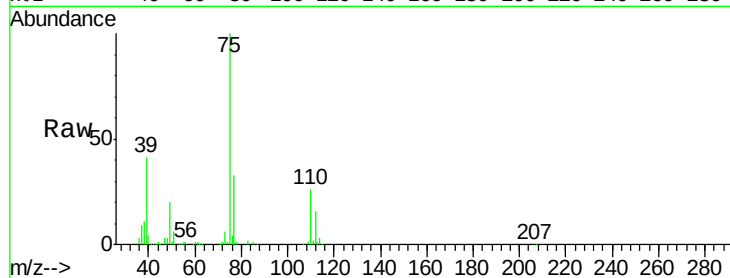
Acq: 11 Jan 2019 10:42

Tot Ion: 75 Resp: 234890

Ion Ratio Lower Upper

75 100

77 32.4 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

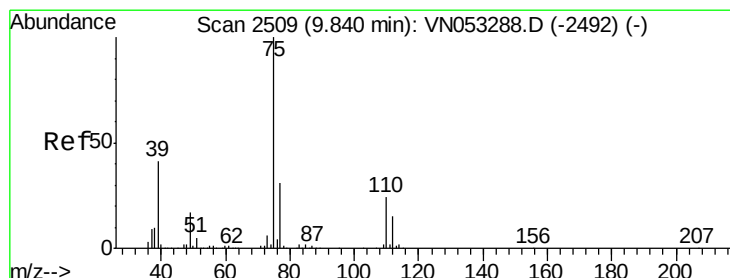
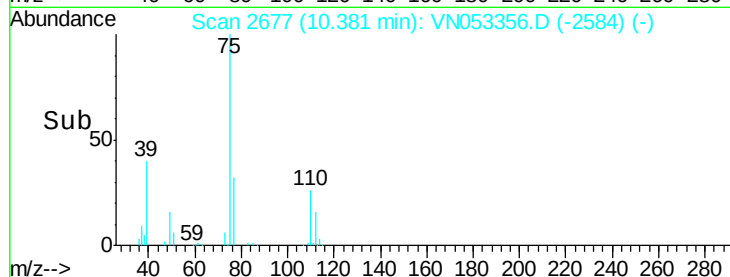
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 20.176 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN053356.D

Acq: 11 Jan 2019 10:42

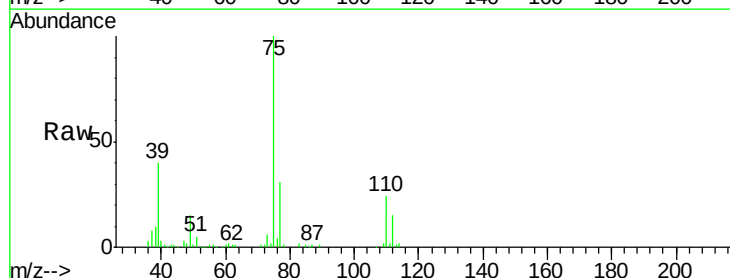
Tgt Ion: 75 Resp: 278061

Ion Ratio Lower Upper

75 100

77 30.8 25.1 37.7

39 40.3 33.1 49.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

200000

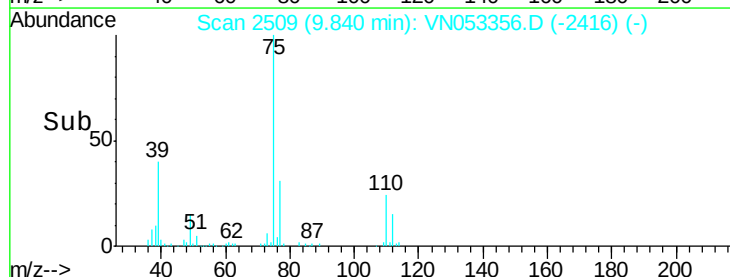
150000

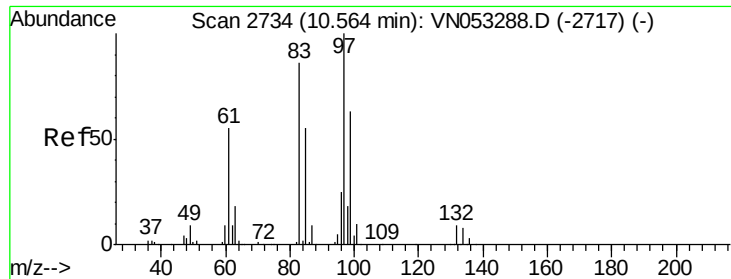
100000

50000

0

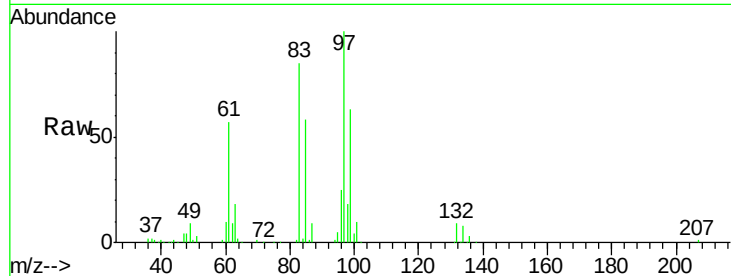
Time-->





#55
 1,1,2-Trichloroethane
 Concen: 19.467 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN053356.D
 Acq: 11 Jan 2019 10:42

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.2	69.1	103.7
85	57.7	44.2	66.4
99	63.3	50.3	75.5

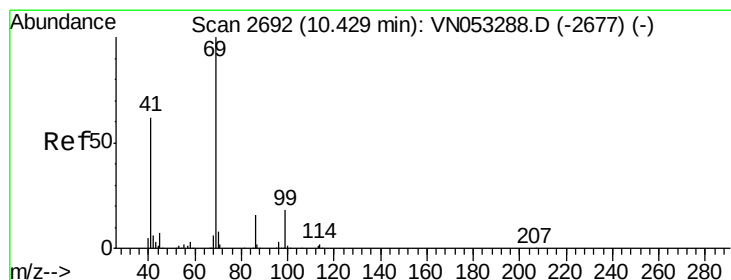
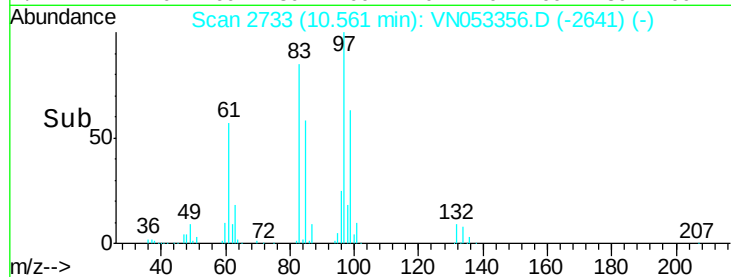
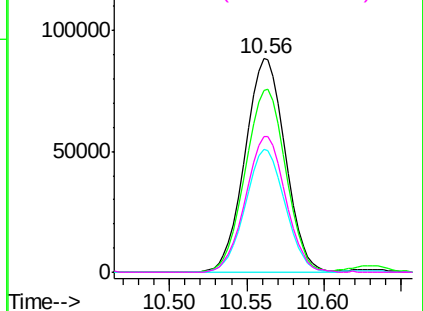


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

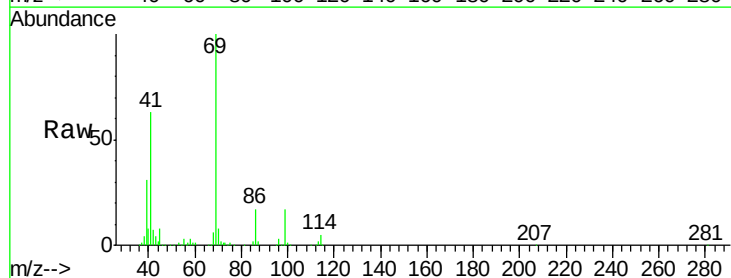
Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56
 Ethyl methacrylate
 Concen: 19.592 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN053356.D
 Acq: 11 Jan 2019 10:42

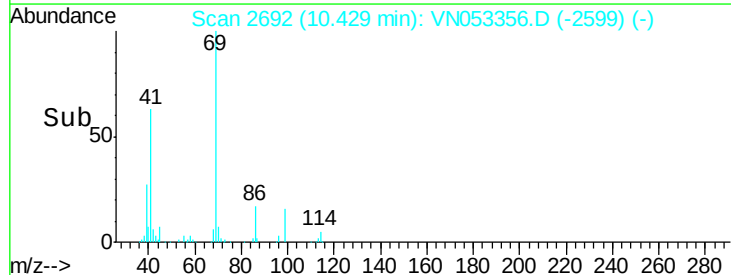
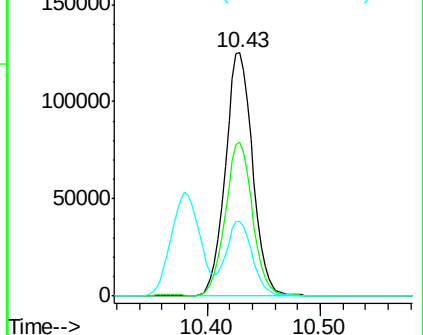
Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.3	49.2	73.8
39	29.8	23.4	35.0

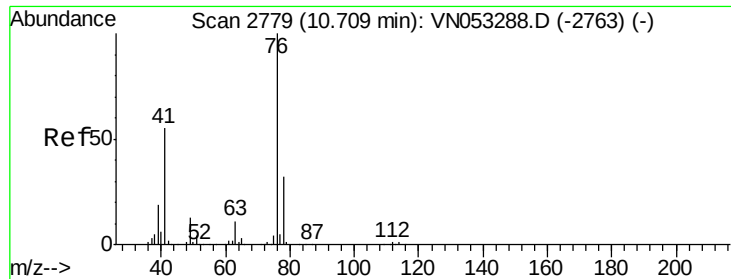


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

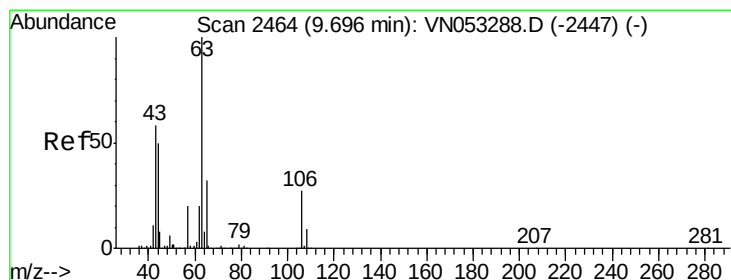
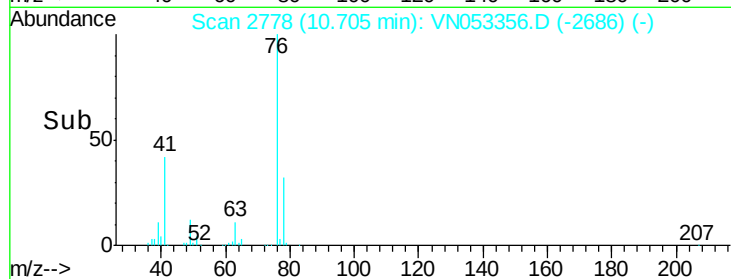
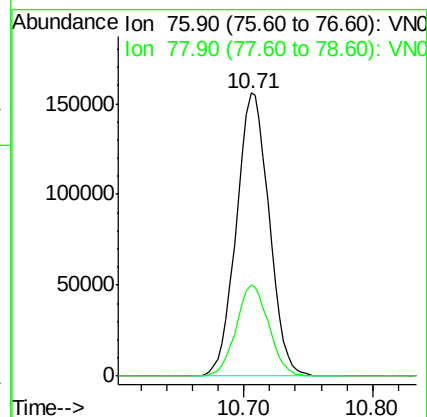
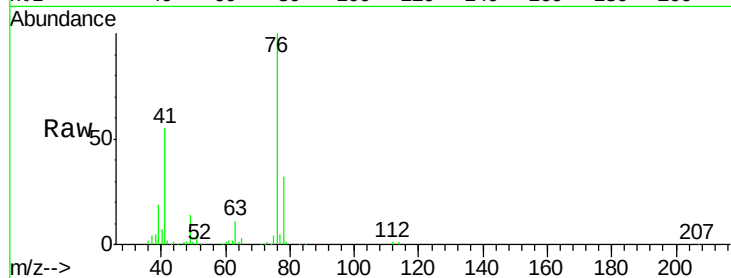
Ion 39.00 (38.70 to 39.70): VN0





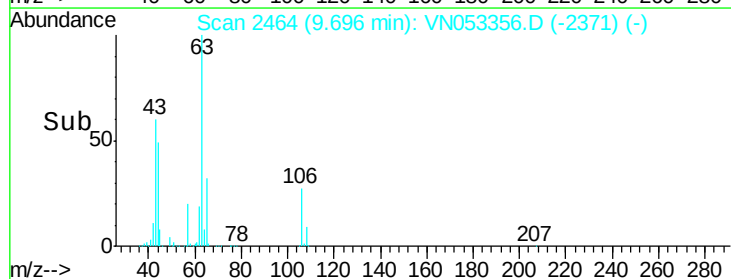
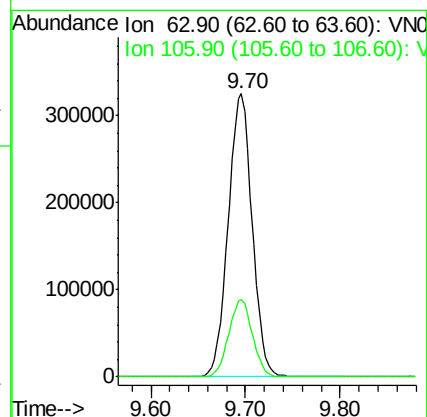
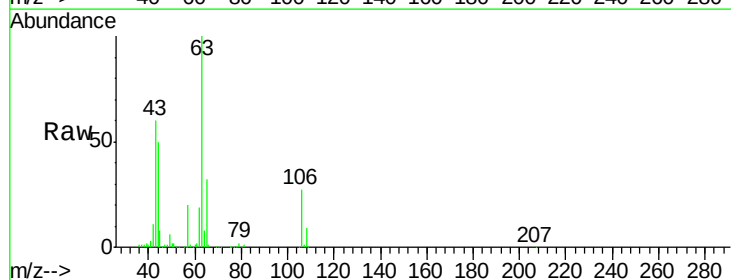
#57
 1,3-Dichloropropane
 Concen: 19.903 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN053356.D
 Acq: 11 Jan 2019 10:42

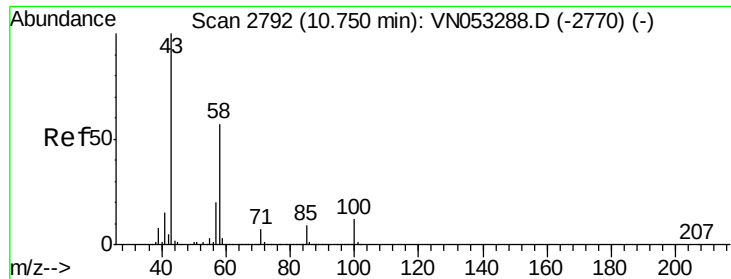
Tot Ion: 76 Resp: 274677
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.640 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN053356.D
 Acq: 11 Jan 2019 10:42

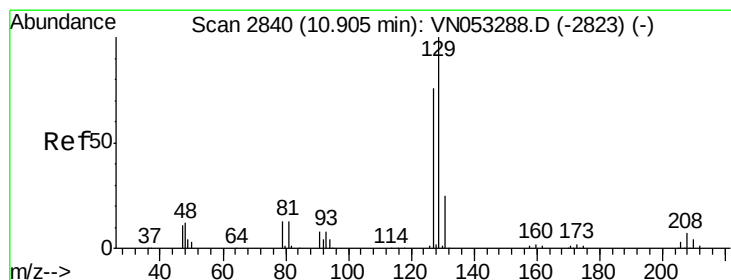
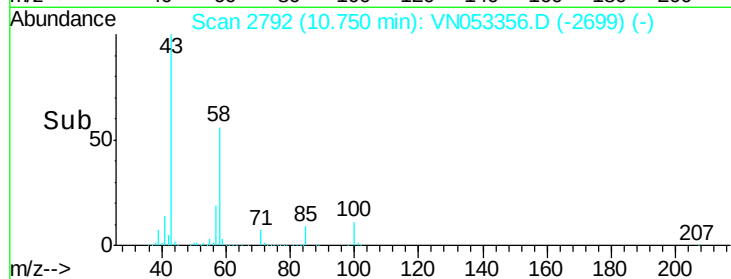
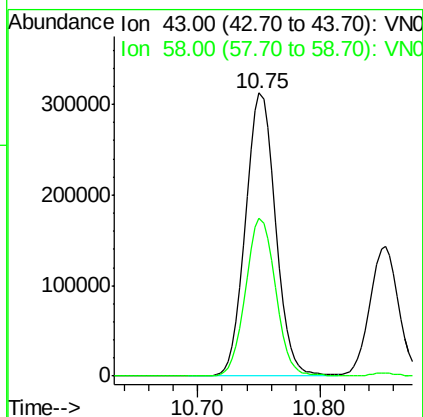
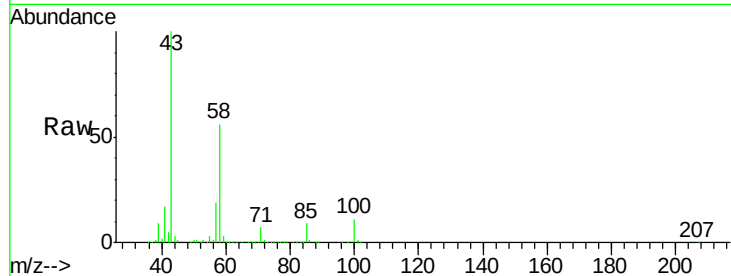
Tgt Ion: 63 Resp: 571886
 Ion Ratio Lower Upper
 63 100
 106 27.2 21.7 32.5





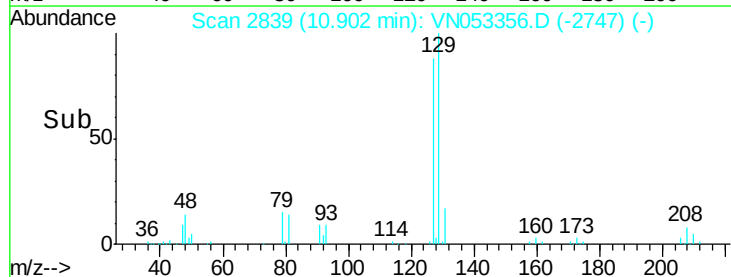
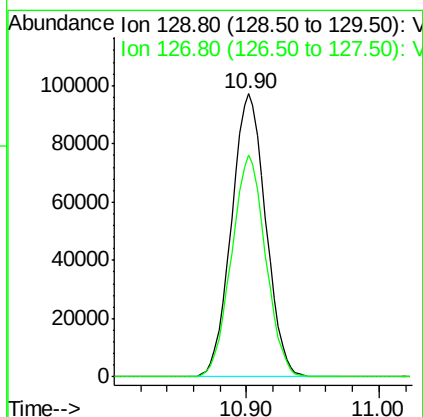
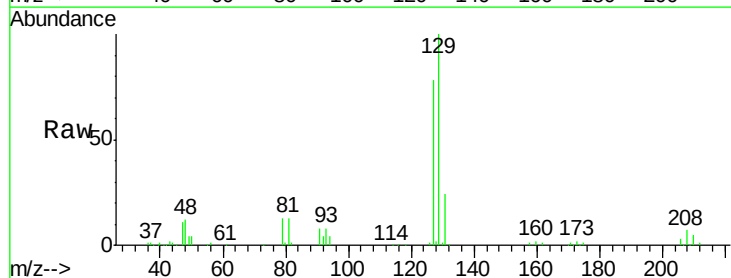
#59
2-Hexanone
Concen: 99.908 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN053356.D
Acq: 11 Jan 2019 10:42

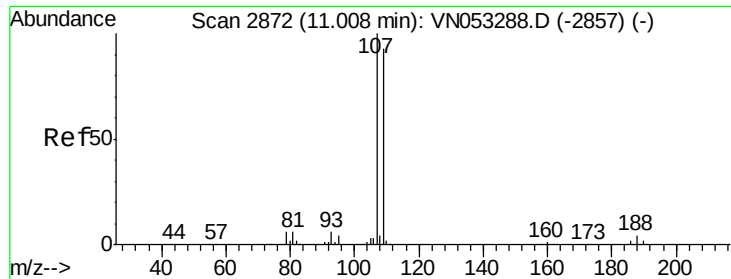
Tot Ion: 43 Resp: 528281
Ion Ratio Lower Upper
43 100
58 55.8 28.3 85.0



#60
Dibromochloromethane
Concen: 19.576 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN053356.D
Acq: 11 Jan 2019 10:42

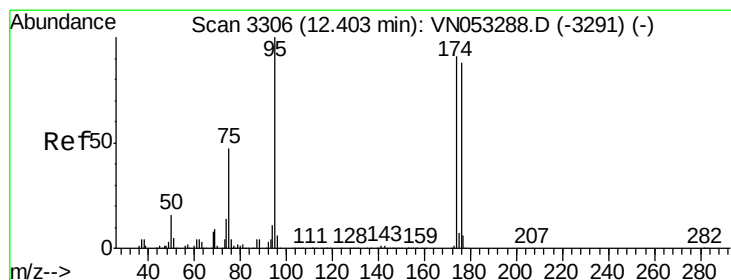
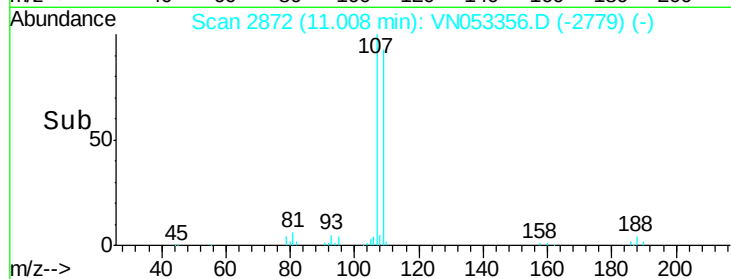
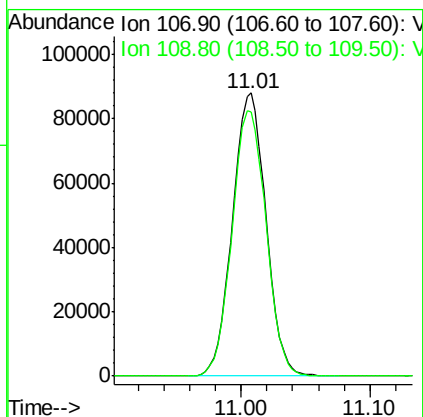
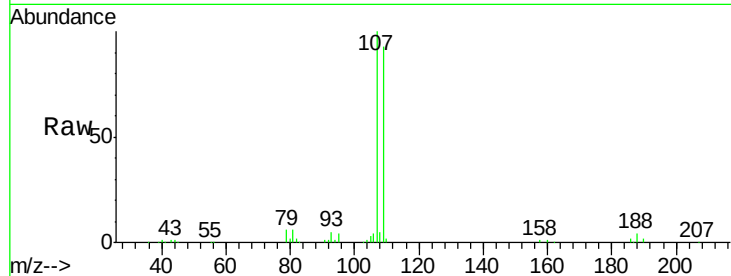
Tgt Ion: 129 Resp: 174241
Ion Ratio Lower Upper
129 100
127 77.9 38.4 115.2





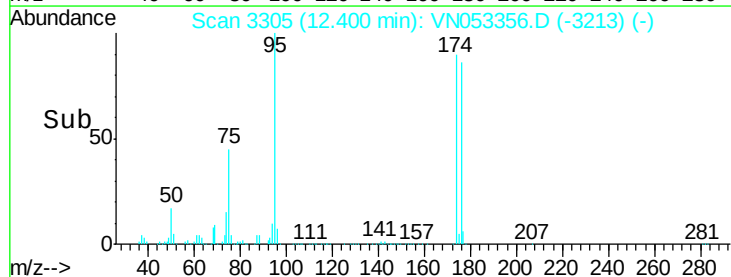
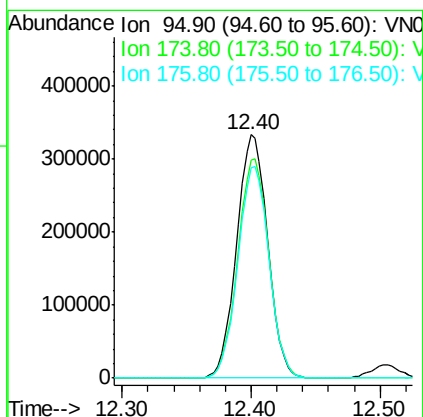
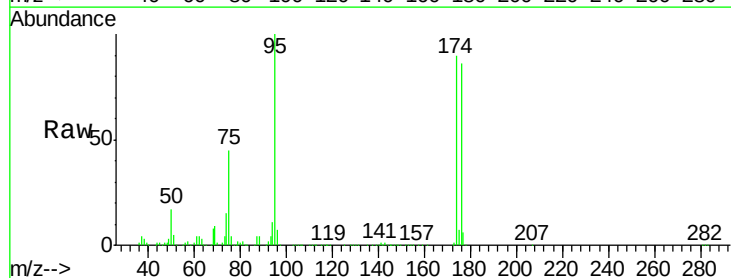
#61
 1,2-Dibromoethane
 Concen: 19.466 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN053356.D
 Acq: 11 Jan 2019 10:42

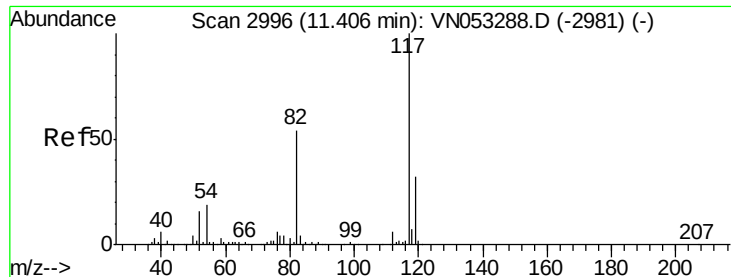
Tot Ion: 107 Resp: 158529
 Ion Ratio Lower Upper
 107 100
 109 95.5 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 19.466 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN053356.D
 Acq: 11 Jan 2019 10:42

Tgt Ion: 95 Resp: 557324
 Ion Ratio Lower Upper
 95 100
 174 90.4 0.0 180.4
 176 87.3 0.0 175.6

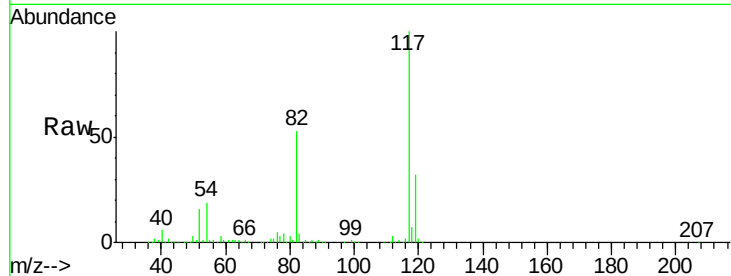




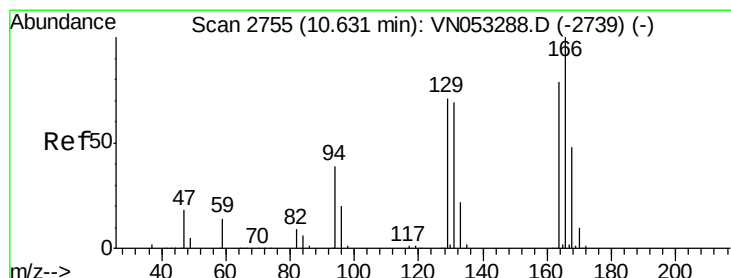
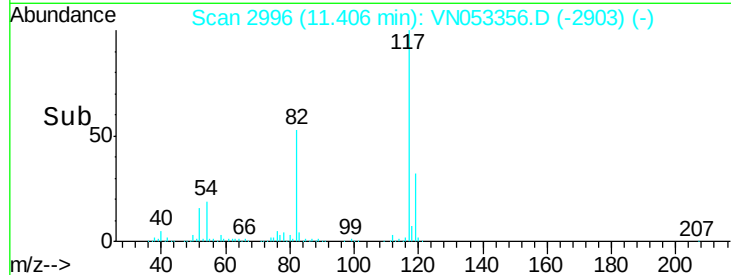
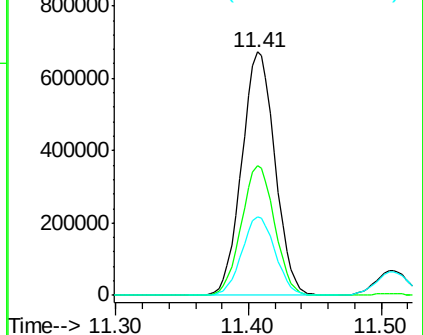
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053356.D
Acq: 11 Jan 2019 10:42

Tot Ion:117 Resp: 1168562

Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.9	64.3
119	32.5	25.6	38.4



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

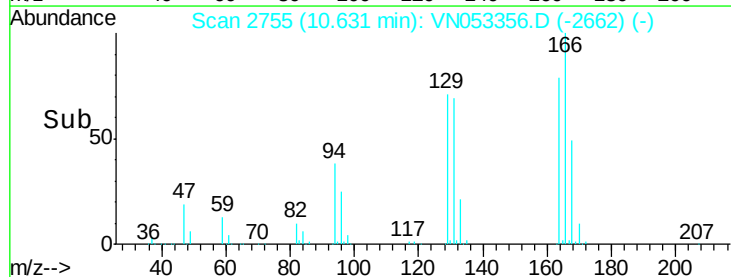
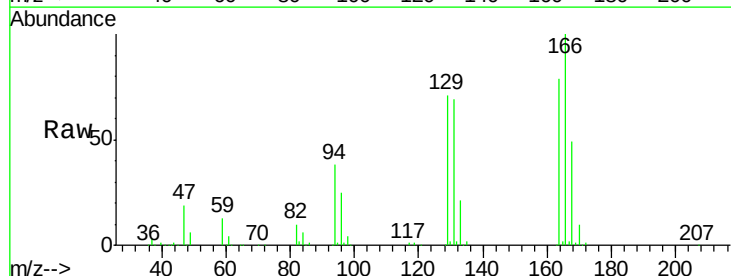
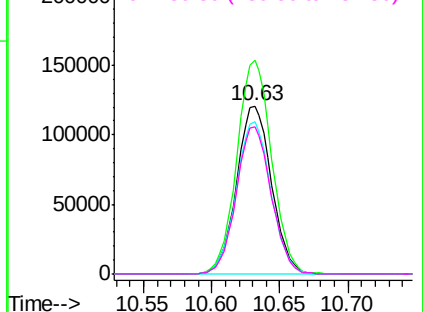


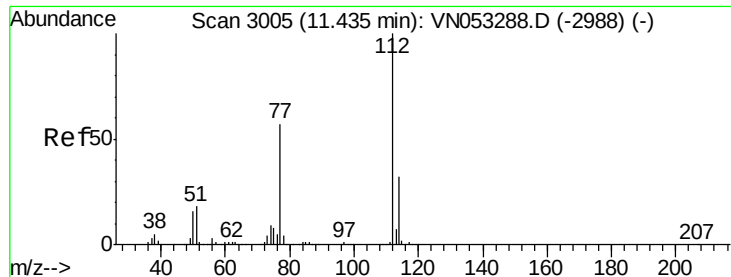
#64
Tetrachloroethene
Concen: 19.466 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN053356.D
Acq: 11 Jan 2019 10:42

Tgt Ion:164 Resp: 214093

Ion	Ratio	Lower	Upper
164	100		
166	126.9	101.7	152.5
129	90.2	72.1	108.1
131	87.3	69.9	104.9

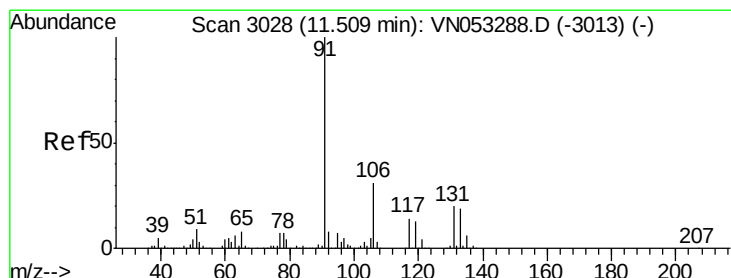
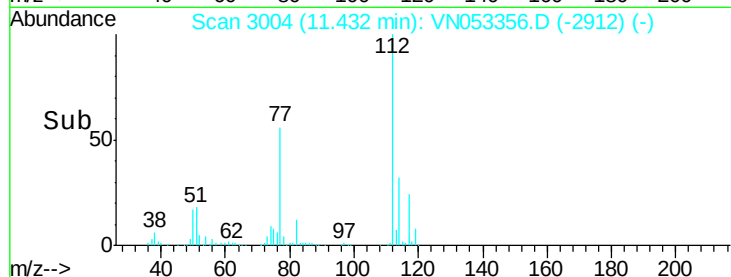
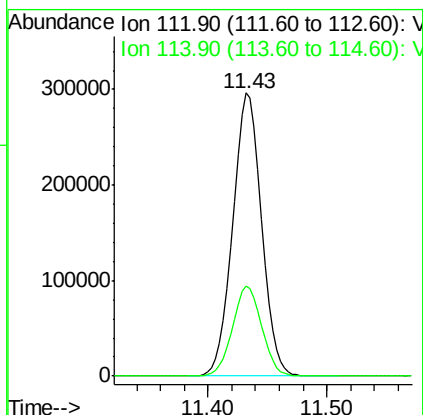
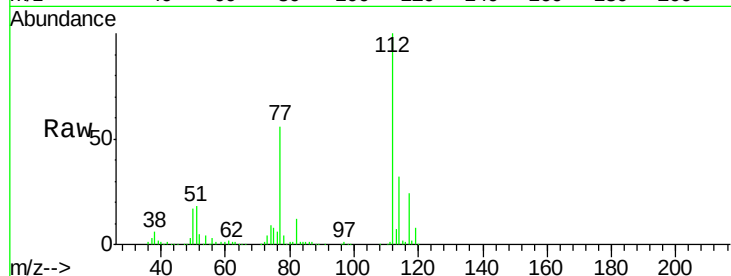
Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





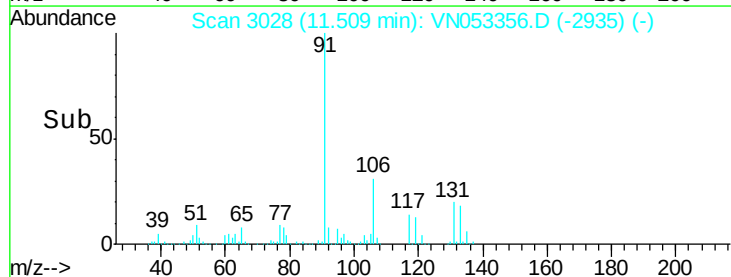
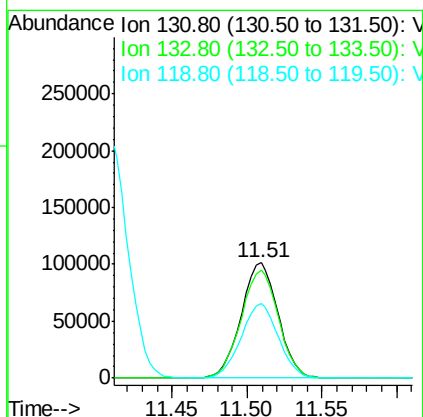
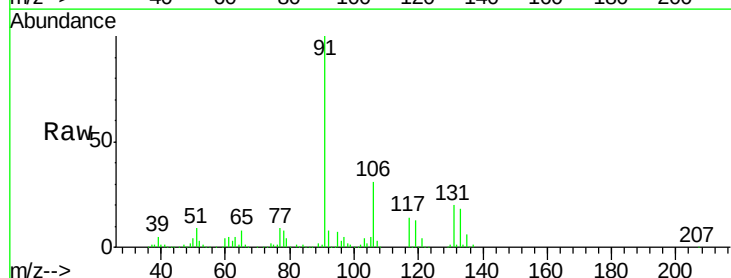
#65
Chlorobenzene
Concen: 19.553 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN053356.D
Acq: 11 Jan 2019 10:42

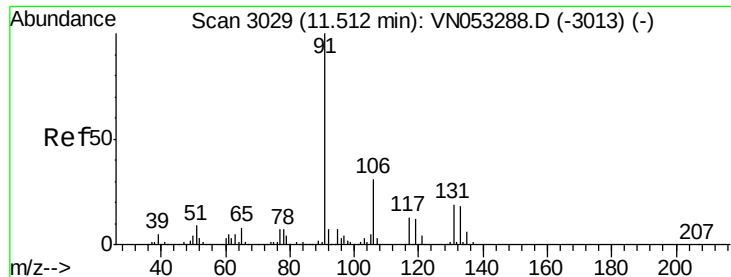
Tot Ion:112 Resp: 496357
Ion Ratio Lower Upper
112 100
114 31.9 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.629 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN053356.D
Acq: 11 Jan 2019 10:42

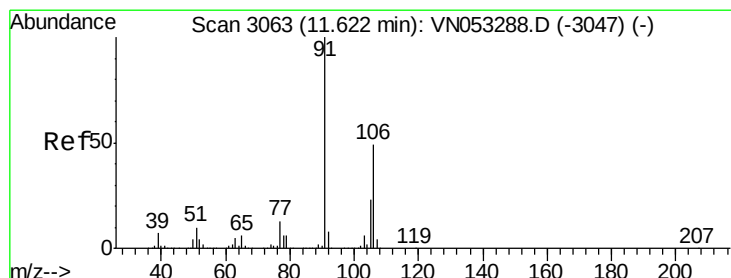
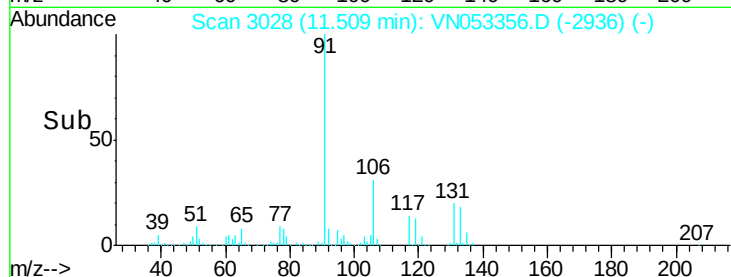
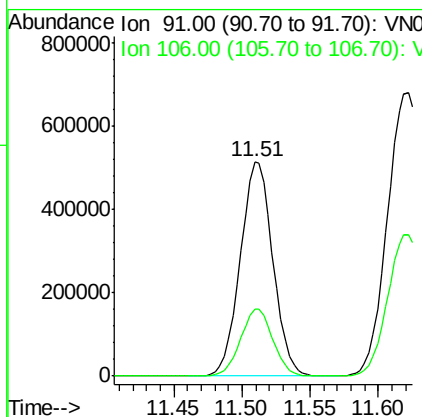
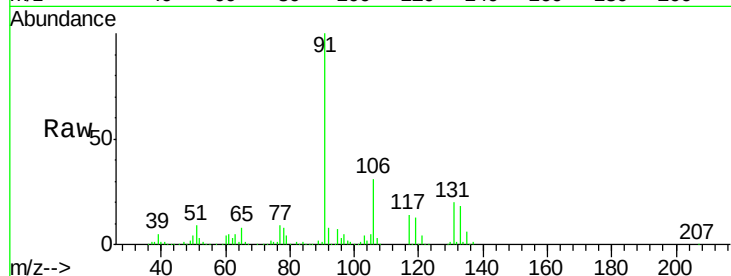
Tgt Ion:131 Resp: 174412
Ion Ratio Lower Upper
131 100
133 94.5 48.0 144.0
119 65.2 33.3 99.9





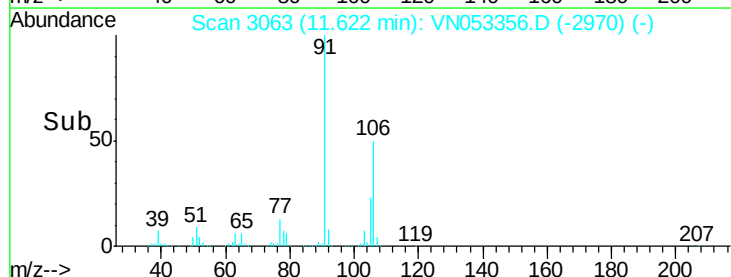
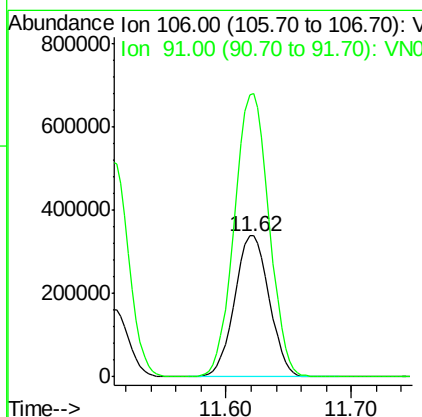
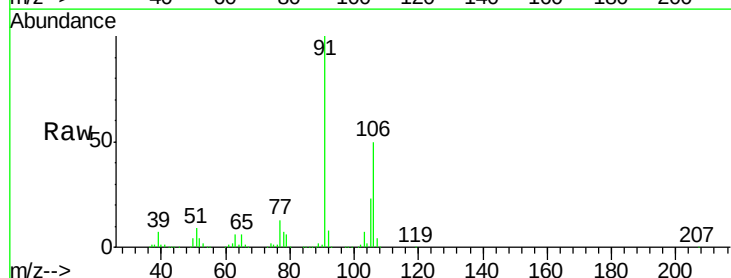
#67
Ethyl Benzene
Concen: 19.695 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053356.D
Acq: 11 Jan 2019 10:42

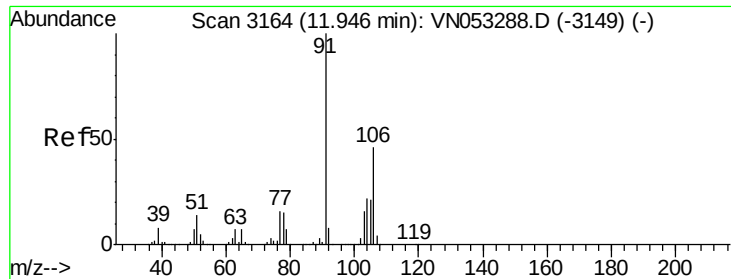
Tot Ion: 91 Resp: 849574
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.4



#68
m/p-Xylenes
Concen: 40.121 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053356.D
Acq: 11 Jan 2019 10:42

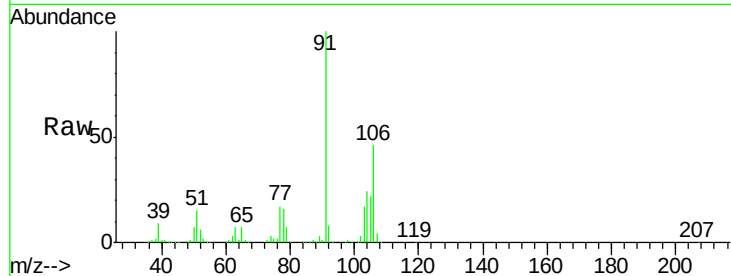
Tgt Ion: 106 Resp: 650765
Ion Ratio Lower Upper
106 100
91 200.7 161.4 242.2



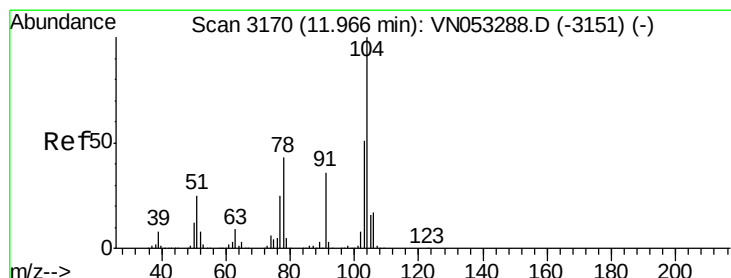
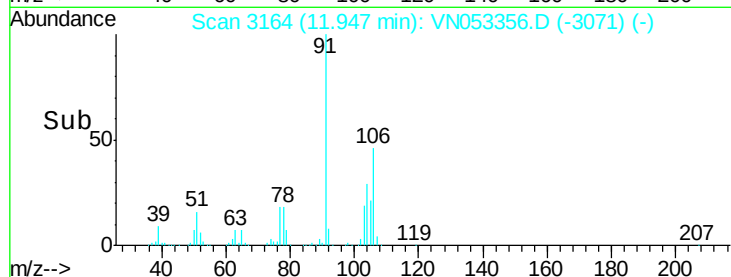
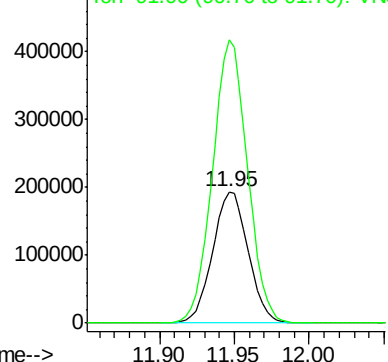


#69
o-Xylene
Concen: 20.092 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053356.D
Acq: 11 Jan 2019 10:42

Tot Ion:106 Resp: 319053
Ion Ratio Lower Upper
106 100
91 213.0 106.8 320.4

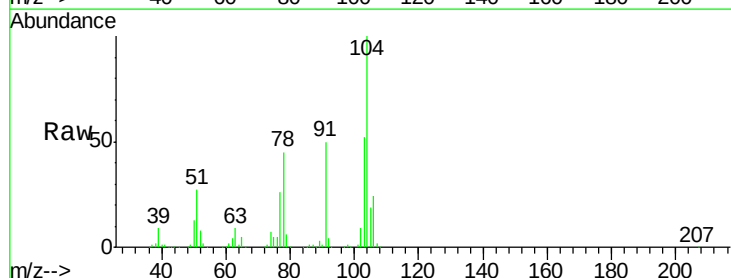


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

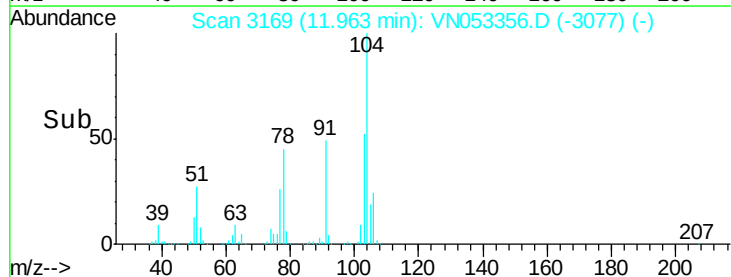
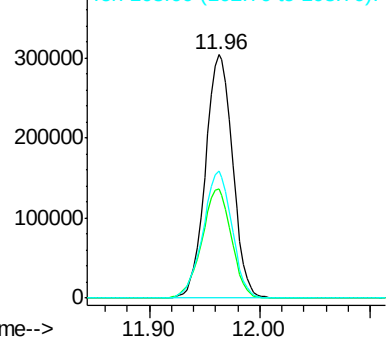


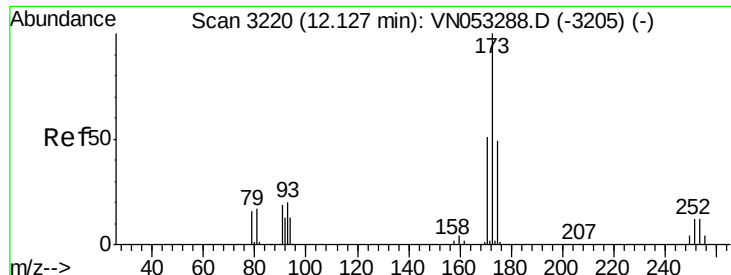
#70
Styrene
Concen: 20.086 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN053356.D
Acq: 11 Jan 2019 10:42

Tgt Ion:104 Resp: 519105
Ion Ratio Lower Upper
104 100
78 48.6 38.5 57.7
103 55.7 44.5 66.7



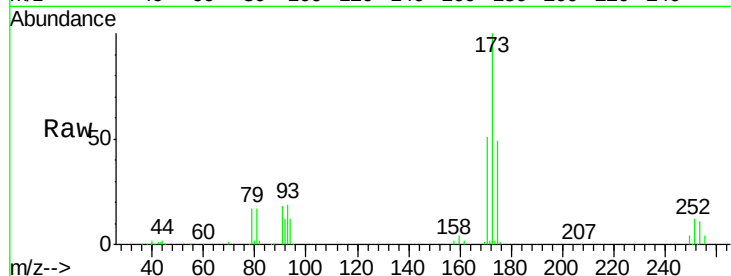
Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V



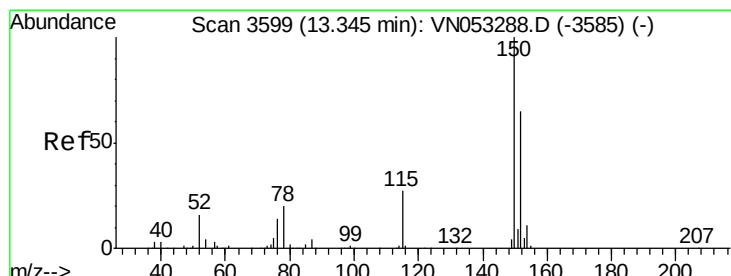
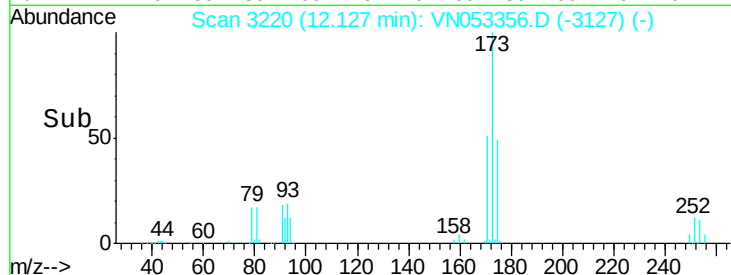
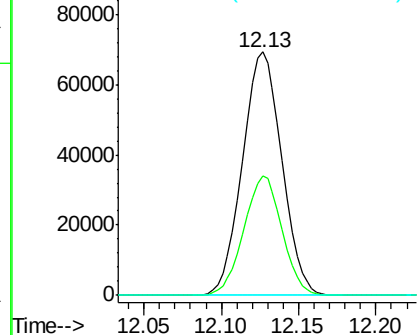


#71
Bromoform
Concen: 19.538 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN053356.D
Acq: 11 Jan 2019 10:42

Tot Ion:173 Resp: 122624
Ion Ratio Lower Upper
173 100
175 47.5 24.3 72.8
254 0.0 0.2 0.2#

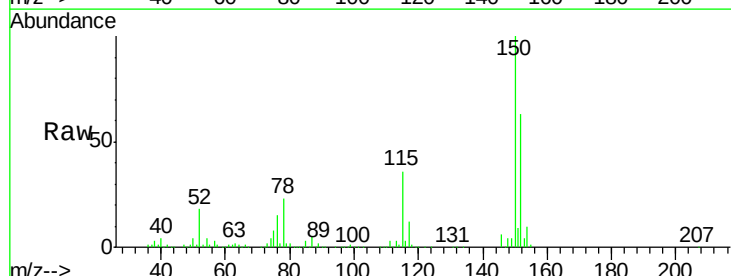


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

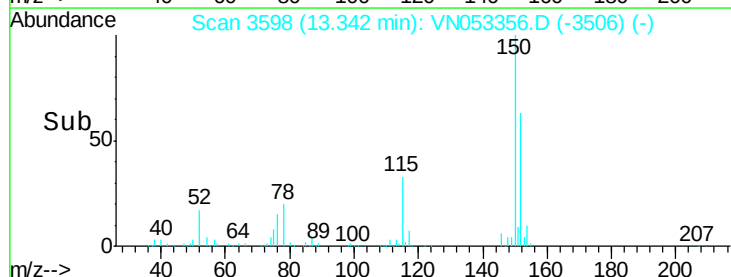
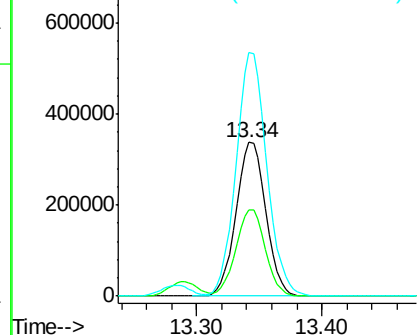


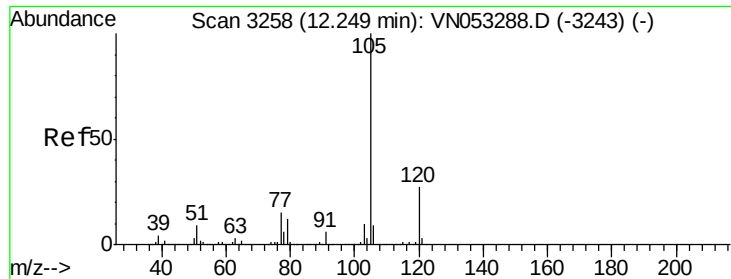
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053356.D
Acq: 11 Jan 2019 10:42

Tgt Ion:152 Resp: 555045
Ion Ratio Lower Upper
152 100
115 55.8 28.0 84.0
150 163.4 0.0 346.6



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: 20.652 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053356.D

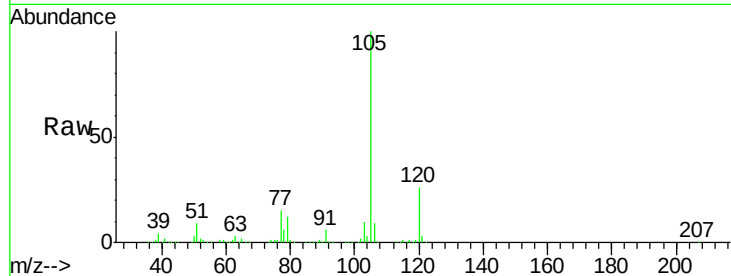
Acq: 11 Jan 2019 10:42

Tot Ion:105 Resp: 853426

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

600000

500000

400000

300000

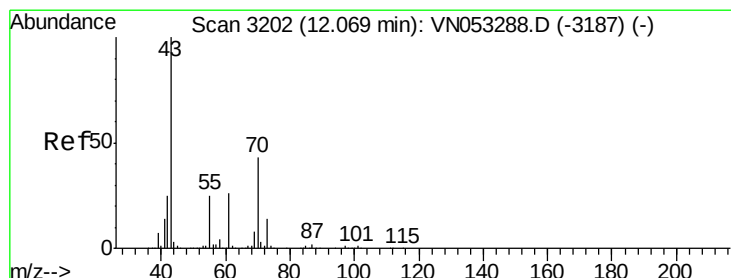
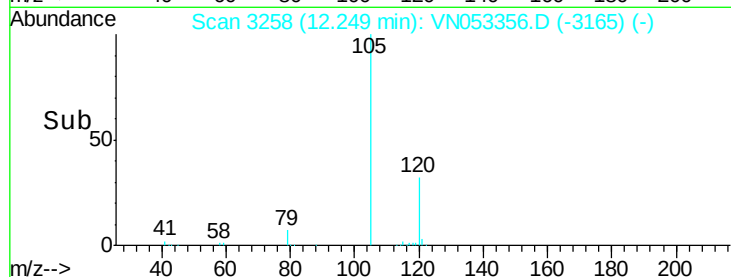
200000

100000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 19.733 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053356.D

Acq: 11 Jan 2019 10:42

Tgt Ion: 43 Resp: 243506

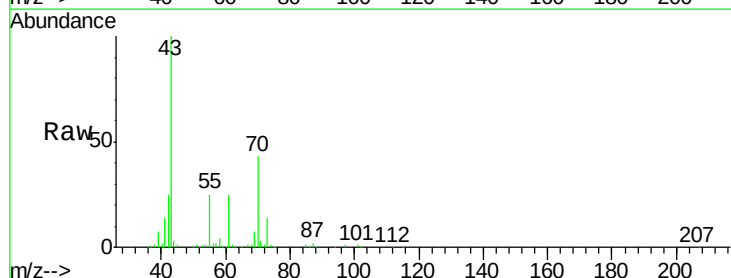
Ion Ratio Lower Upper

43 100

70 43.3 35.0 52.6

55 25.6 20.0 30.0

61 24.8 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

250000

200000

150000

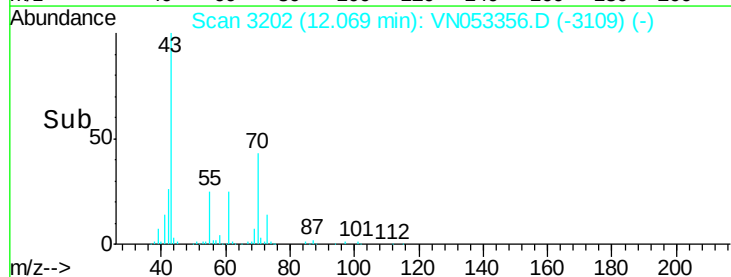
100000

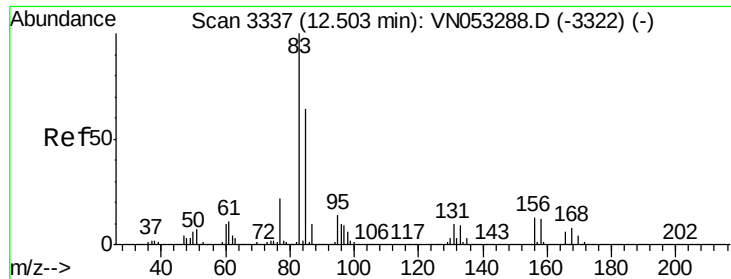
50000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 19.882 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN053356.D

Acq: 11 Jan 2019 10:42

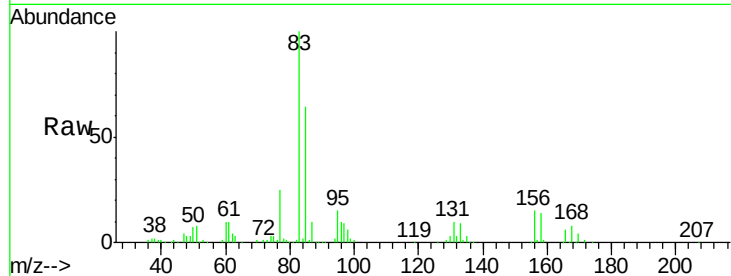
Tot Ion: 83 Resp: 189005

Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.3	15.9
85	63.5	32.3	96.8

83 100

131 10.2 5.3 15.9

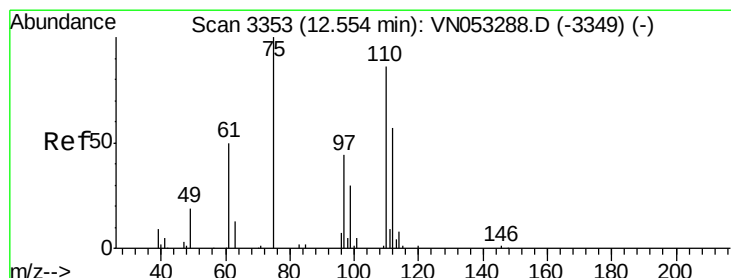
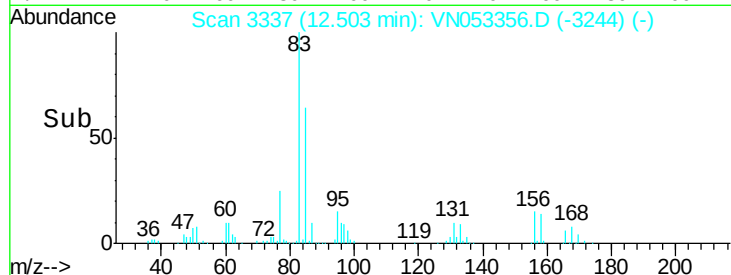
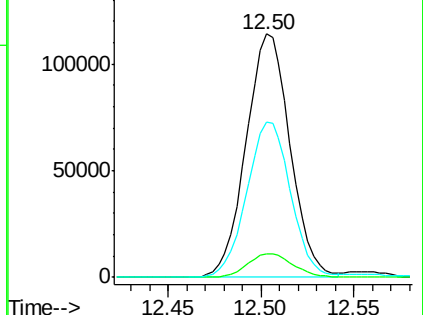
85 63.5 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 20.461 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053356.D

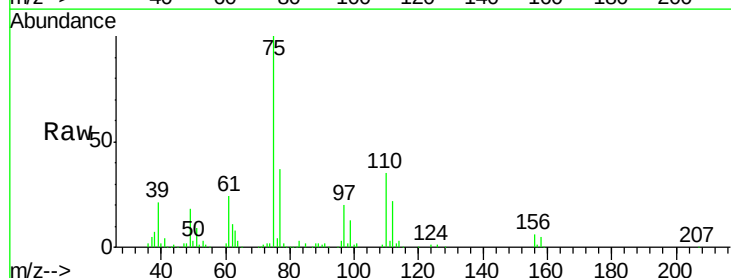
Acq: 11 Jan 2019 10:42

Tgt Ion: 75 Resp: 165641

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

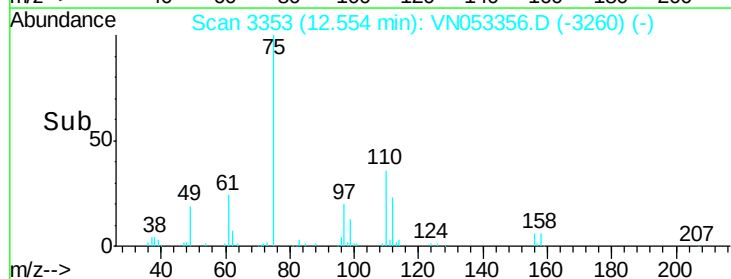
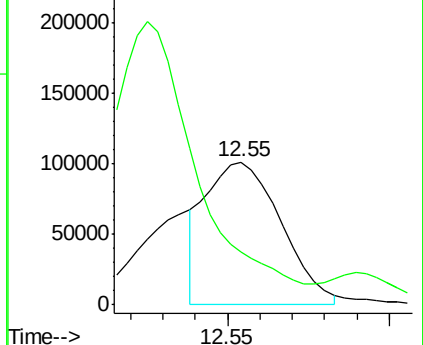
75 100

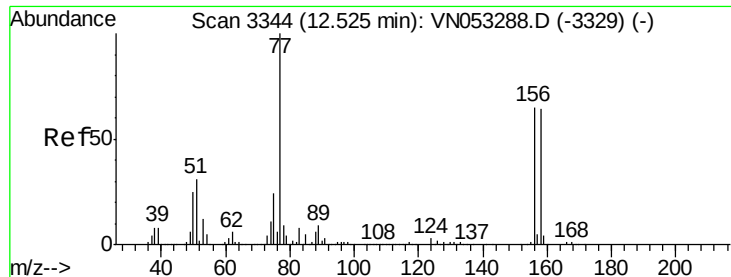
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.032 ug/l

RT: 12.53 min Scan# 3344

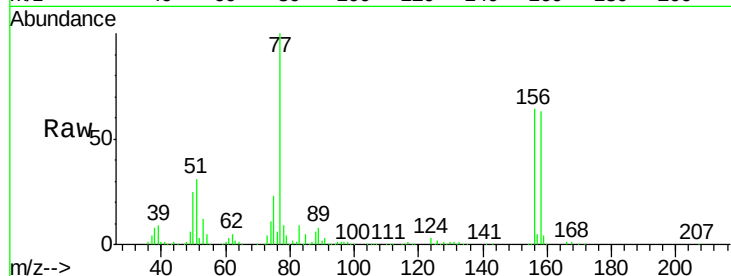
Delta R.T. 0.00 min

Lab File: VN053356.D

Acq: 11 Jan 2019 10:42

Tot Ion:156 Resp: 220937

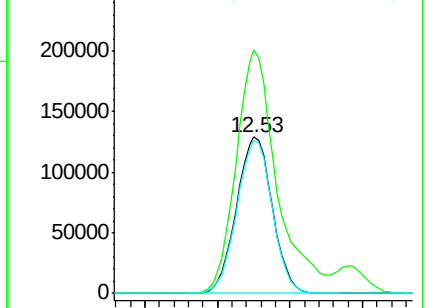
Ion	Ratio	Lower	Upper
156	100		
77	178.4	89.3	268.1
158	97.1	48.9	146.8



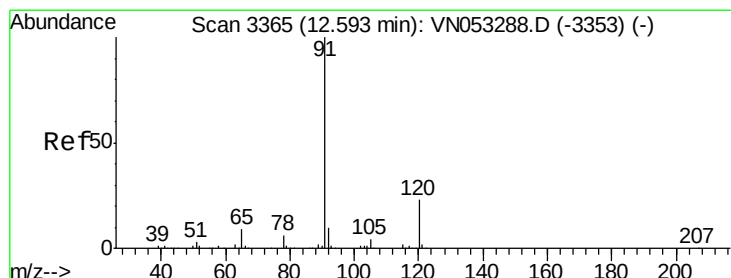
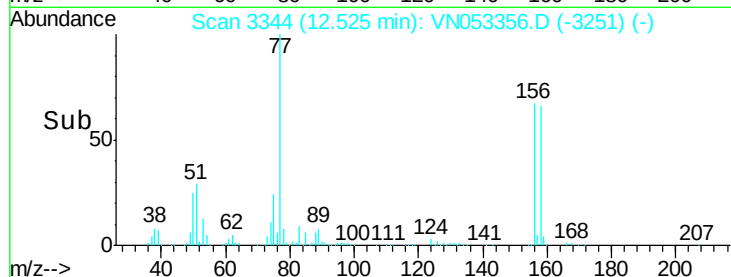
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 20.556 ug/l

RT: 12.59 min Scan# 3364

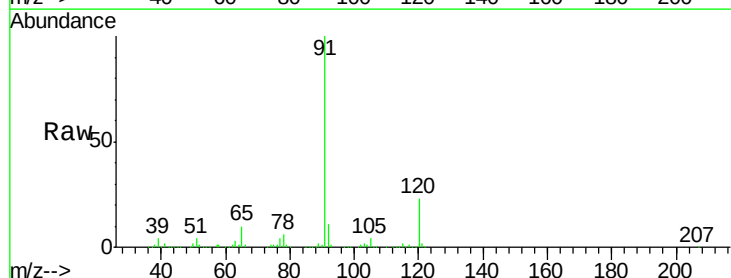
Delta R.T. -0.00 min

Lab File: VN053356.D

Acq: 11 Jan 2019 10:42

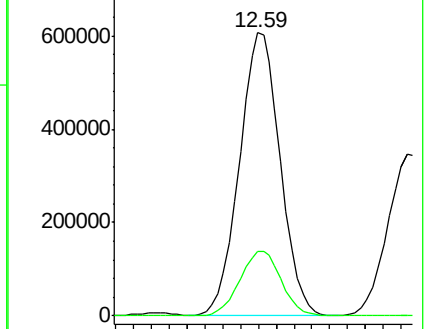
Tgt Ion: 91 Resp: 960873

Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.5	34.5

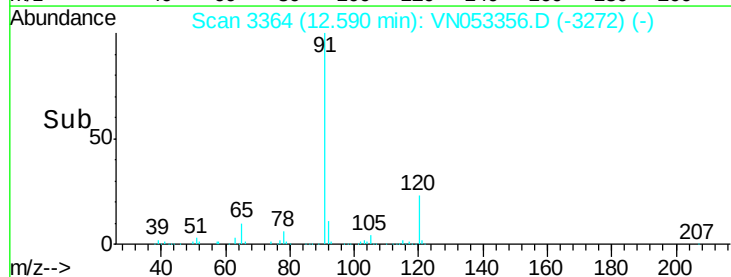


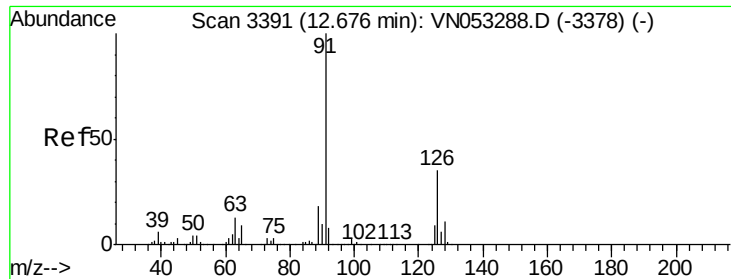
Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



Time-->





#79

2-Chlorotoluene

Concen: 20.282 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN053356.D

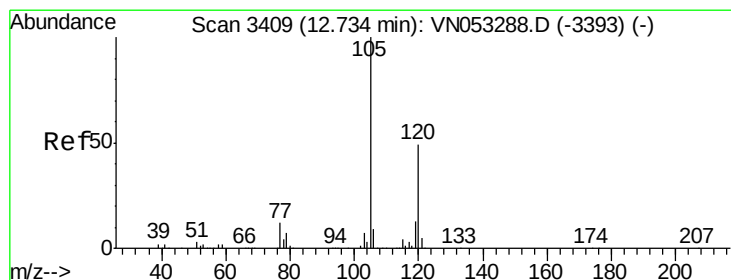
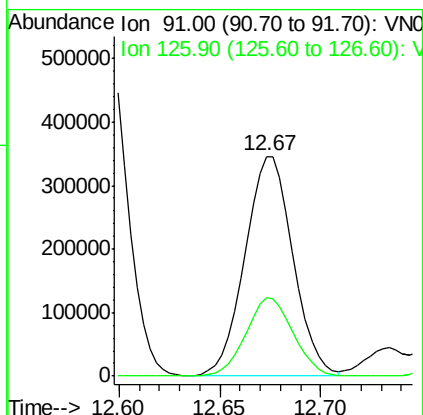
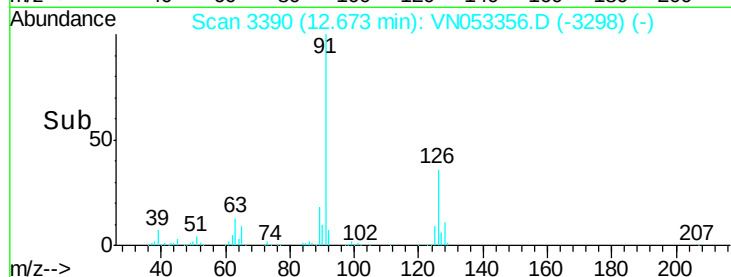
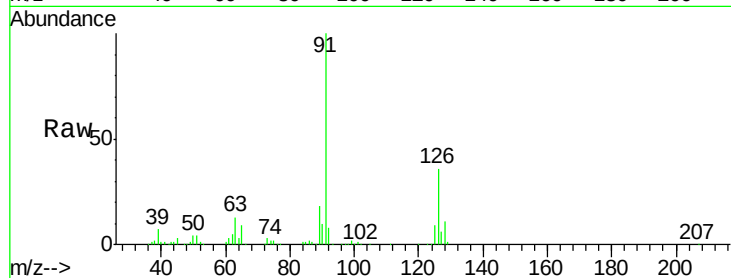
Acq: 11 Jan 2019 10:42

Tot Ion: 91 Resp: 573649

Ion Ratio Lower Upper

91 100

126 35.2 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 20.773 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053356.D

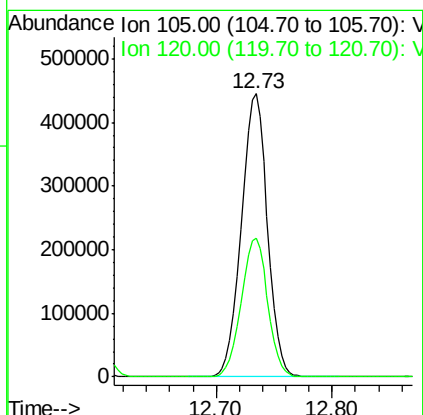
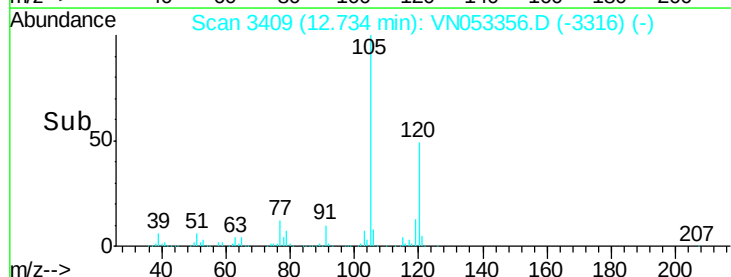
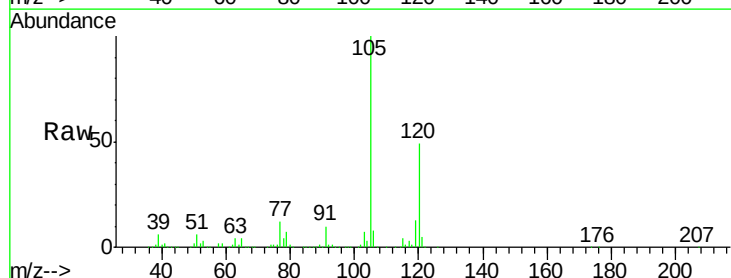
Acq: 11 Jan 2019 10:42

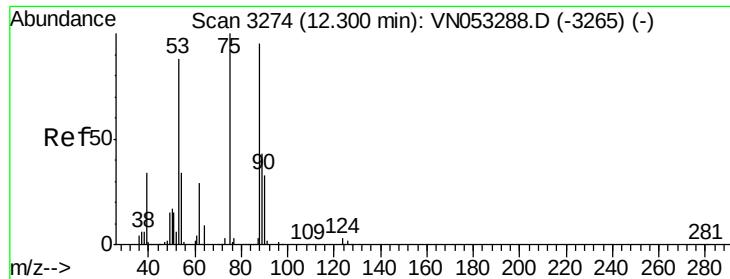
Tgt Ion: 105 Resp: 691483

Ion Ratio Lower Upper

105 100

120 49.8 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 20.233 ug/l

RT: 12.30 min Scan# 3274

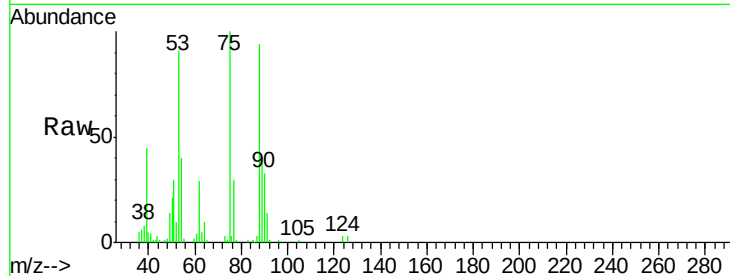
Delta R.T. 0.00 min

Lab File: VN053356.D

Acq: 11 Jan 2019 10:42

Tot Ion: 75 Resp: 55673

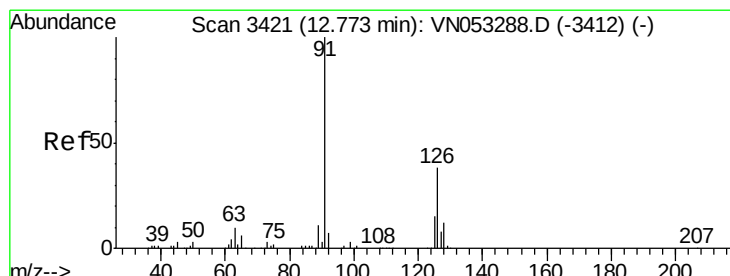
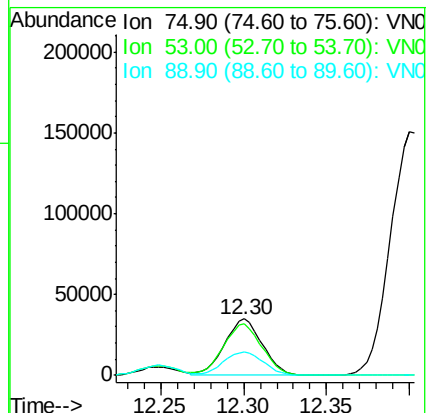
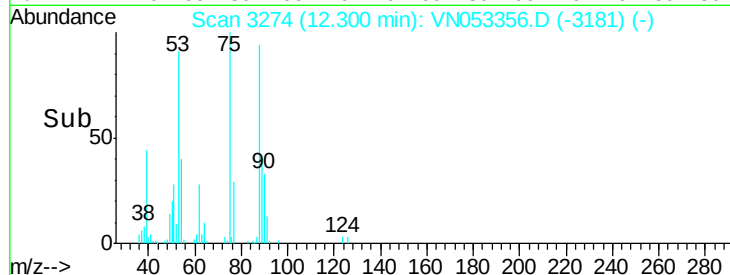
Ion	Ratio	Lower	Upper
75	100		
53	93.3	70.5	105.7
89	43.8	35.4	53.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.052 ug/l

RT: 12.77 min Scan# 3421

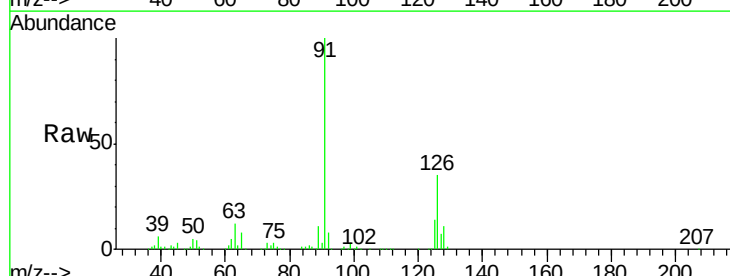
Delta R.T. 0.00 min

Lab File: VN053356.D

Acq: 11 Jan 2019 10:42

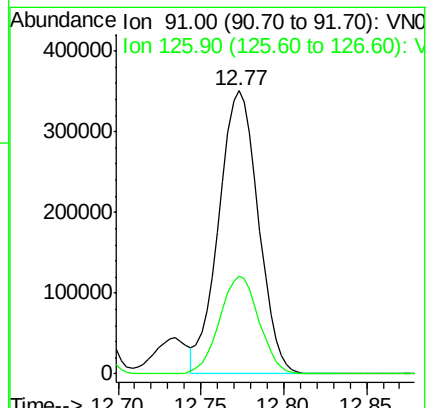
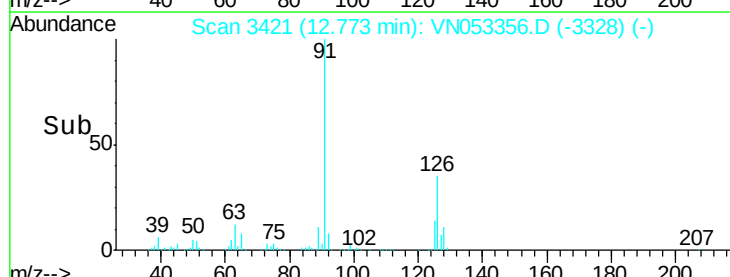
Tgt Ion: 91 Resp: 581575

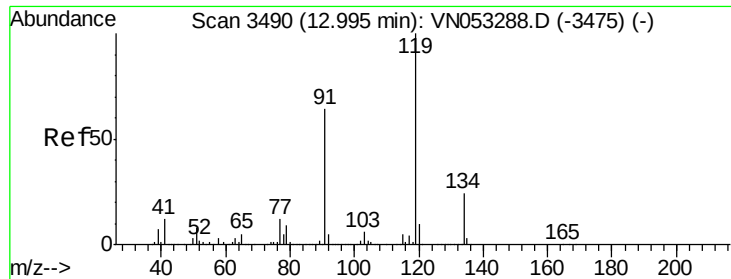
Ion	Ratio	Lower	Upper
91	100		
126	34.5	17.4	52.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

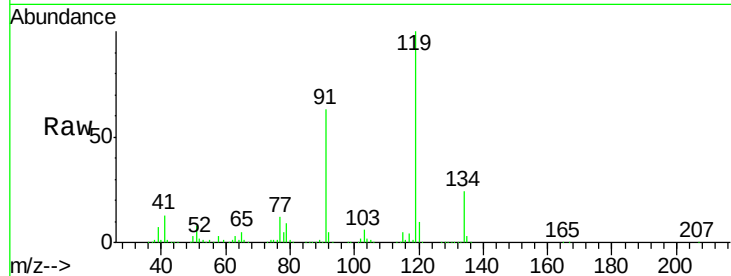
Ion 125.90 (125.60 to 126.60): V



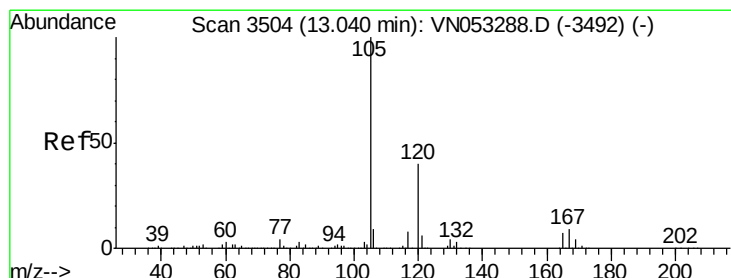
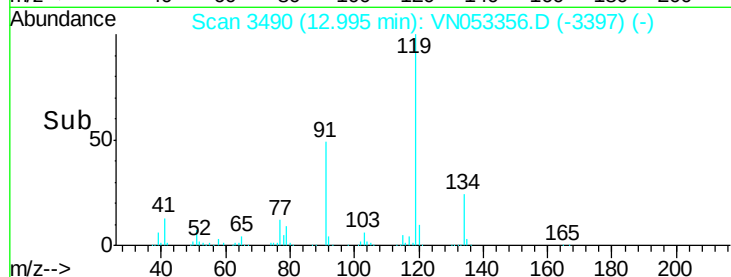
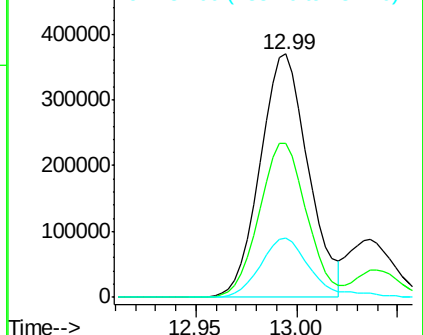


#83
 tert-Butylbenzene
 Concen: 20.979 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN053356.D
 Acq: 11 Jan 2019 10:42

Tot Ion:119 Resp: 612688
 Ion Ratio Lower Upper
 119 100
 91 62.5 31.6 95.0
 134 25.7 12.9 38.6

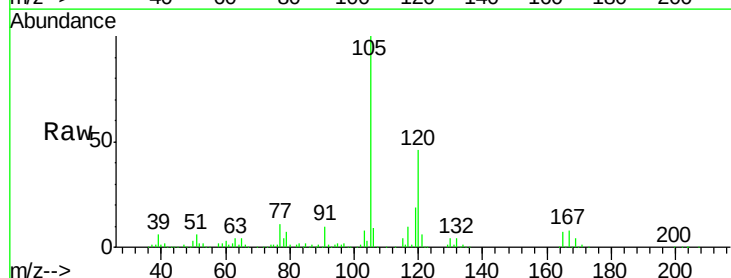


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

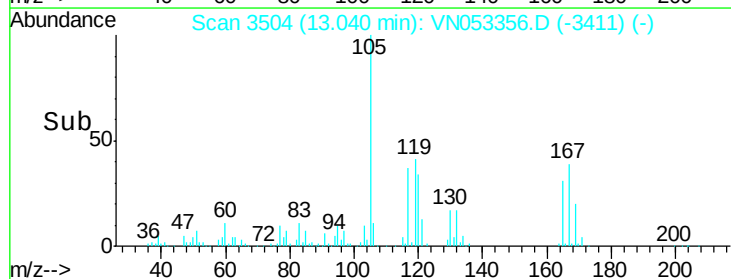
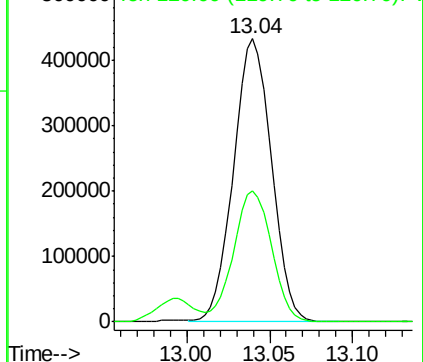


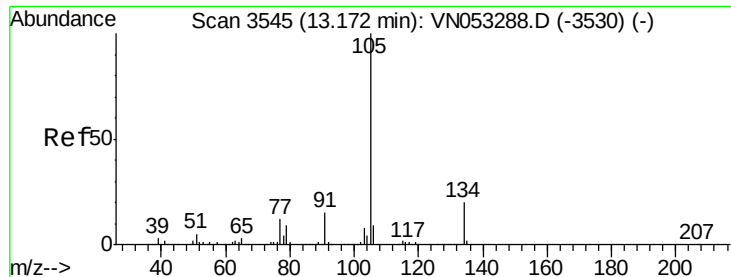
#84
 1,2,4-Trimethylbenzene
 Concen: 20.343 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053356.D
 Acq: 11 Jan 2019 10:42

Tgt Ion:105 Resp: 689880
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.399 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN053356.D

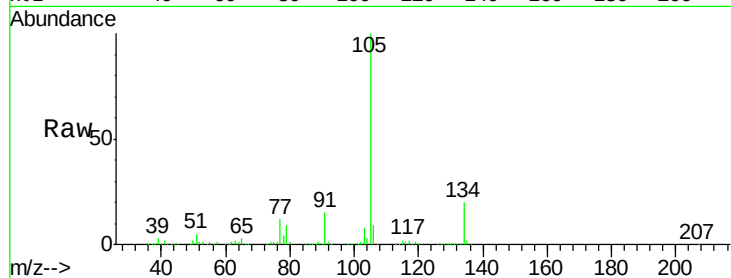
Acq: 11 Jan 2019 10:42

Tot Ion:105 Resp: 824195

Ion Ratio Lower Upper

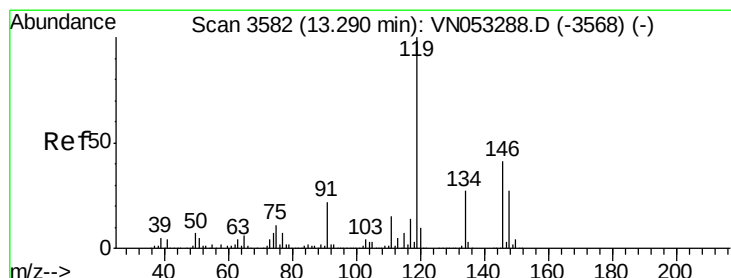
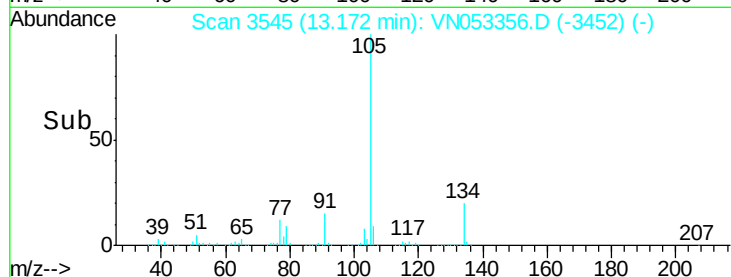
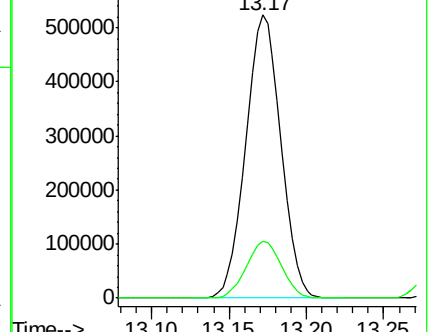
105 100

134 20.3 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.362 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN053356.D

Acq: 11 Jan 2019 10:42

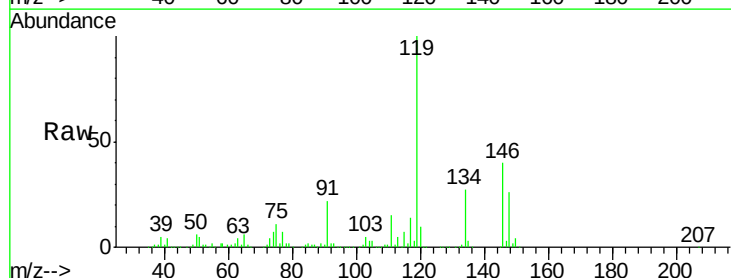
Tgt Ion:119 Resp: 712377

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

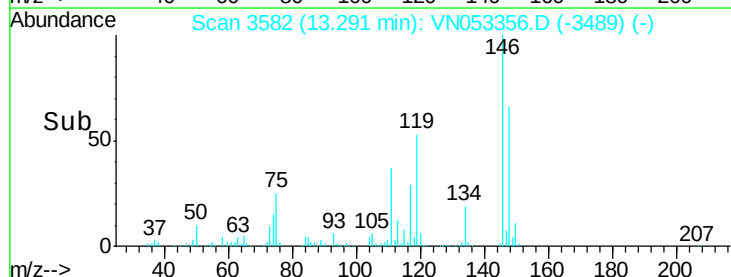
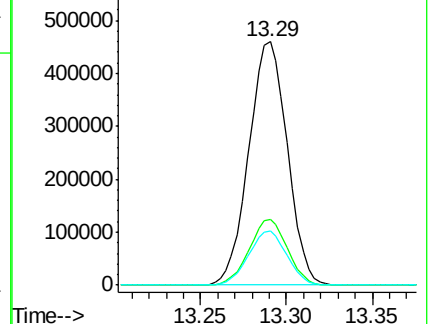
91 22.1 11.1 33.1

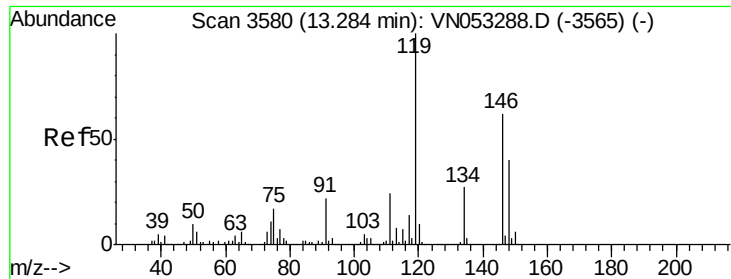


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

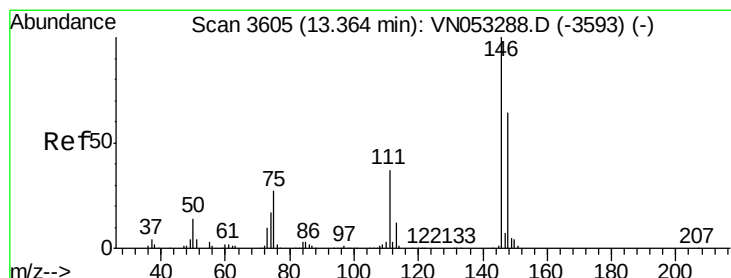
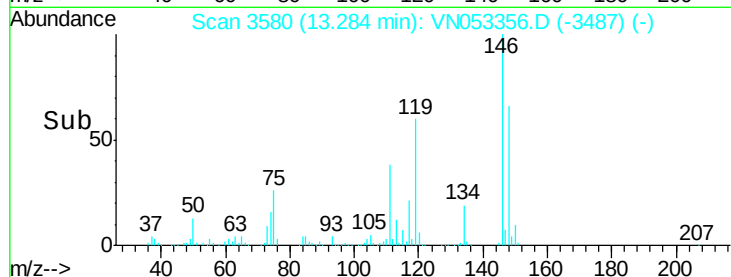
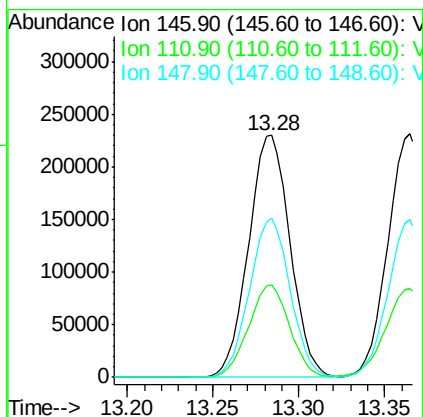
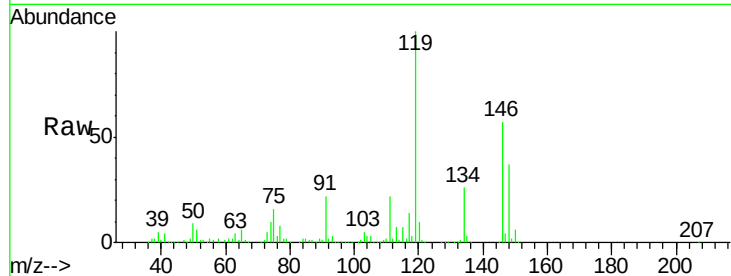
Ion 91.00 (90.70 to 91.70): V





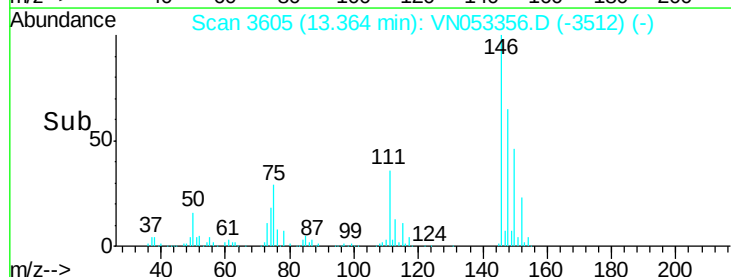
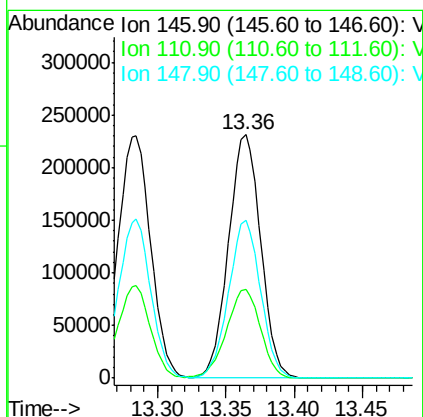
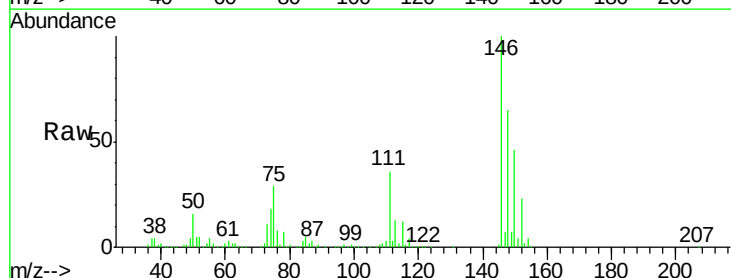
#87
 1,3-Dichlorobenzene
 Concen: 19.806 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN053356.D
 Acq: 11 Jan 2019 10:42

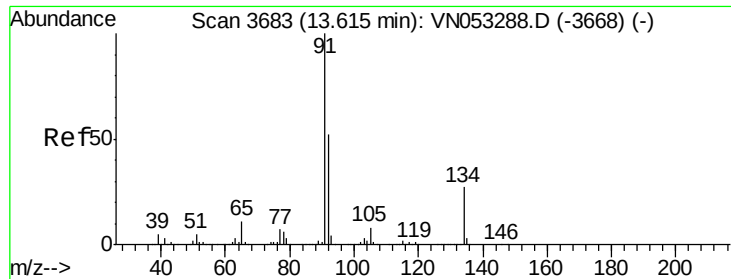
Tot Ion:146 Resp: 384678
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.9 56.5
 148 64.5 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 19.704 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN053356.D
 Acq: 11 Jan 2019 10:42

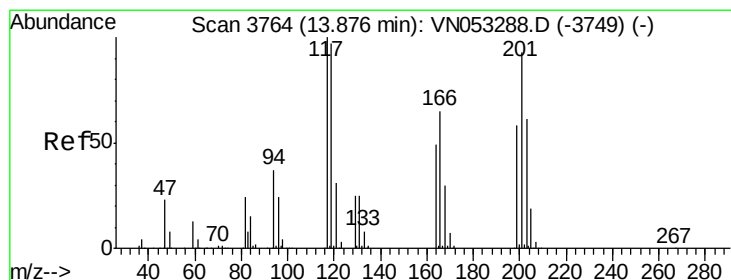
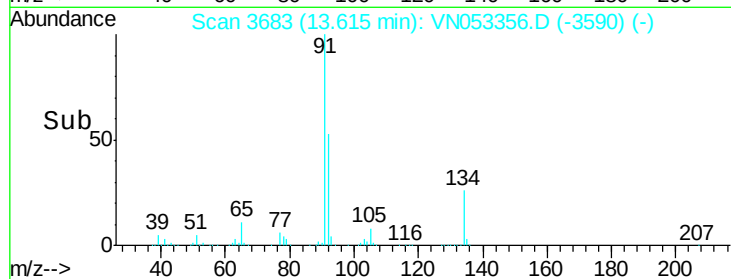
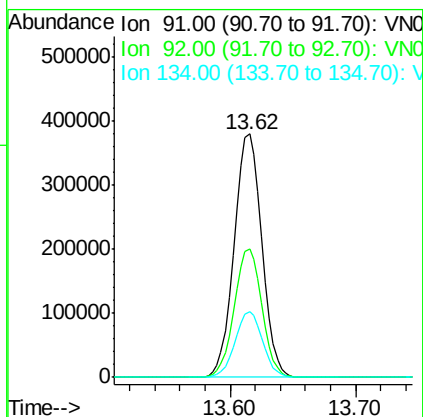
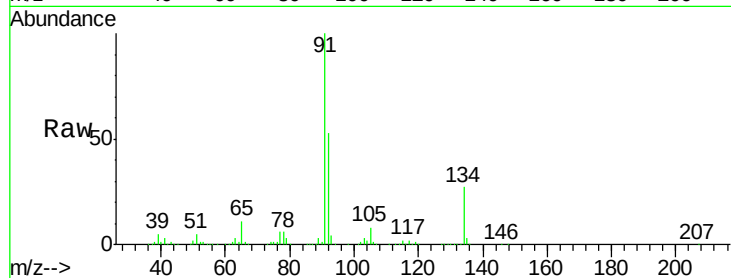
Tgt Ion:146 Resp: 379630
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.6 55.8
 148 64.3 32.0 96.0





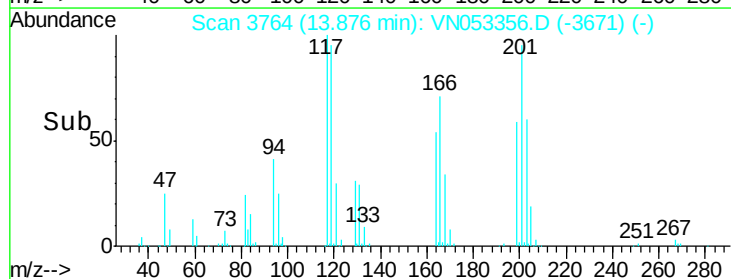
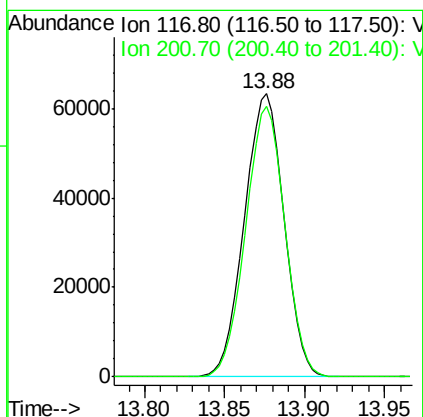
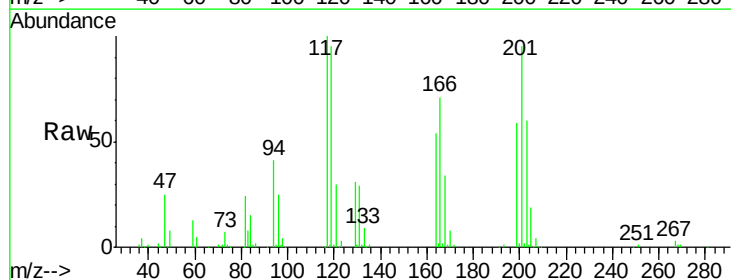
#89
n-Butylbenzene
Concen: 20.800 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN053356.D
Acq: 11 Jan 2019 10:42

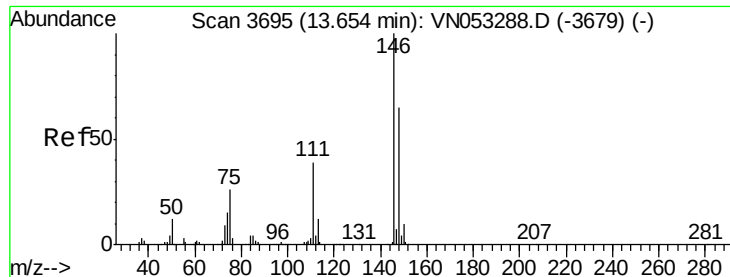
Tot Ion: 91 Resp: 581527
Ion Ratio Lower Upper
91 100
92 52.6 26.3 78.8
134 26.7 13.5 40.5



#90
Hexachloroethane
Concen: 20.045 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN053356.D
Acq: 11 Jan 2019 10:42

Tgt Ion: 117 Resp: 107140
Ion Ratio Lower Upper
117 100
201 94.4 46.1 138.3





#91

1,2-Dichlorobenzene

Concen: 20.238 ug/l

RT: 13.65 min Scan# 3695

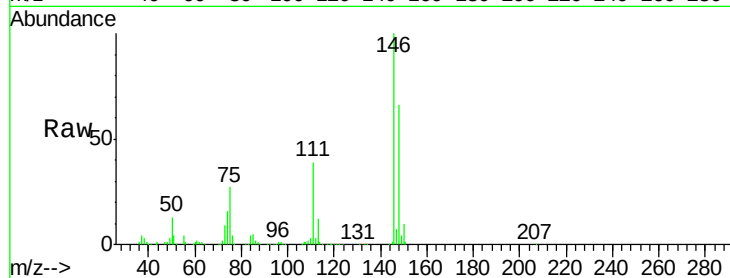
Delta R.T. 0.00 min

Lab File: VN053356.D

Acq: 11 Jan 2019 10:42

Tot Ion:146 Resp: 368186

Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.4	58.2
148	64.3	32.2	96.6

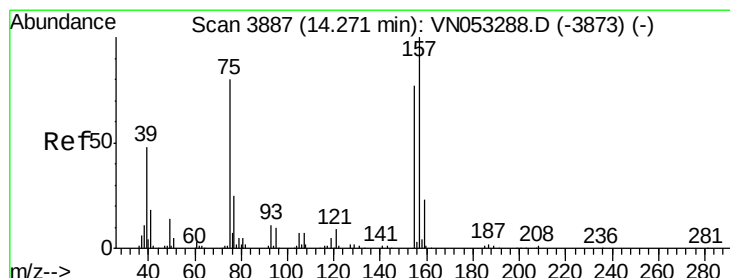
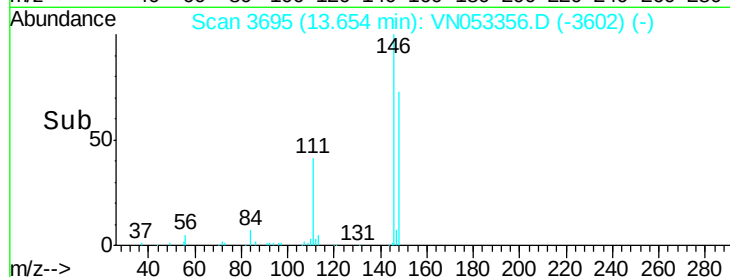
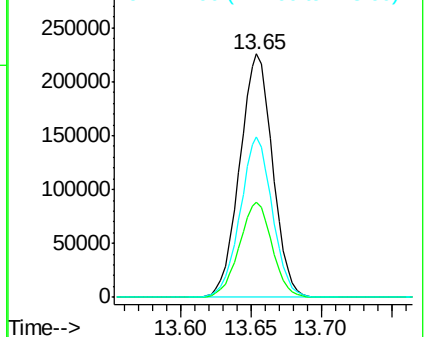


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.736 ug/l

RT: 14.27 min Scan# 3886

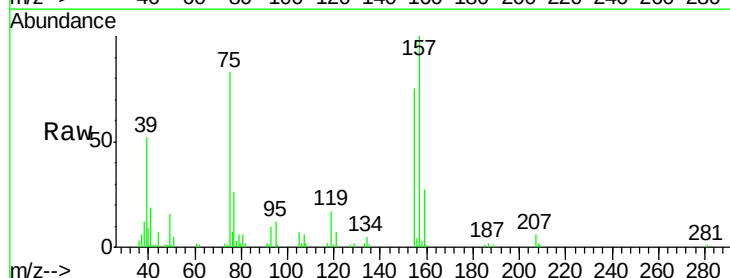
Delta R.T. -0.00 min

Lab File: VN053356.D

Acq: 11 Jan 2019 10:42

Tgt Ion: 75 Resp: 25062

Ion	Ratio	Lower	Upper
75	100		
155	92.2	48.1	144.3
157	120.0	61.5	184.4

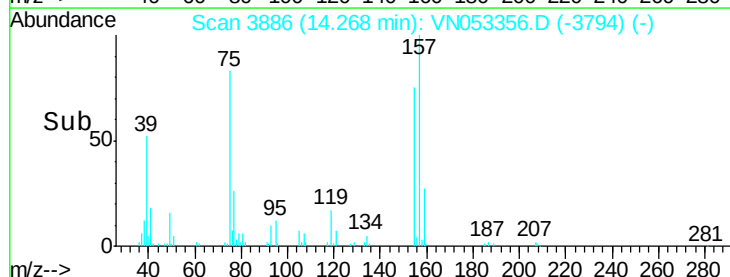
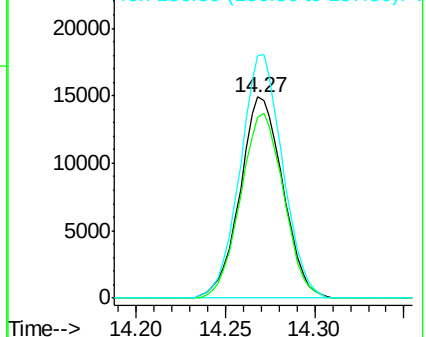


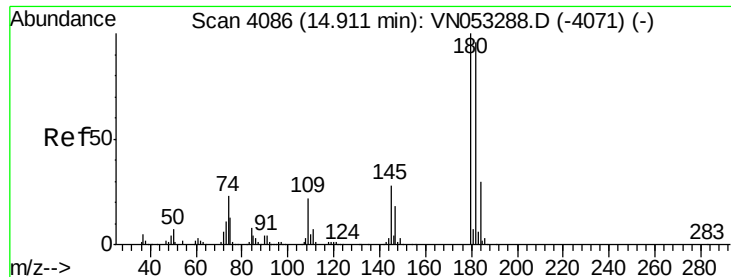
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

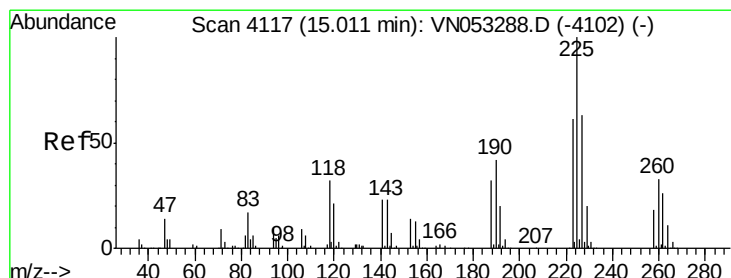
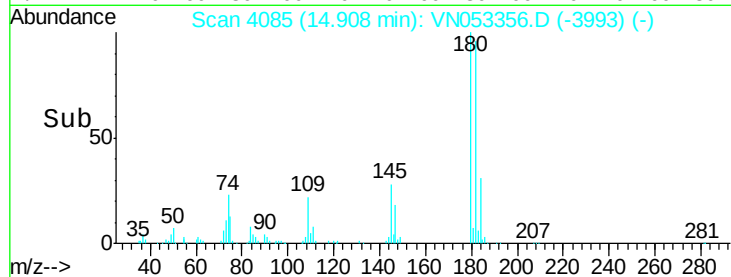
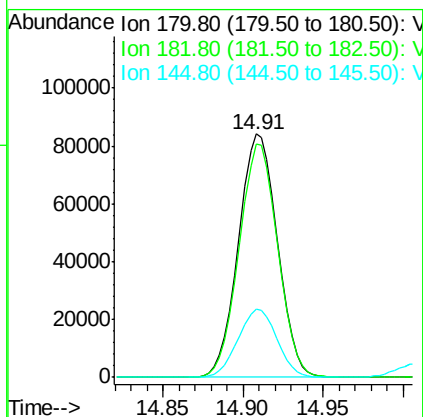
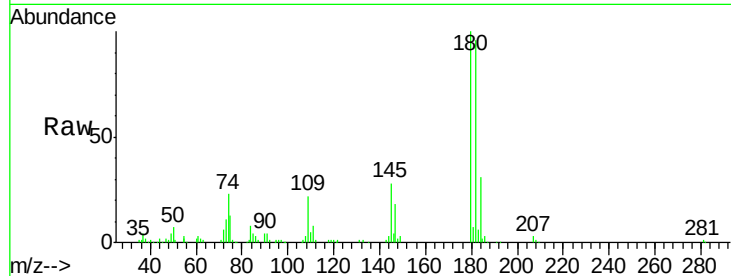
Ion 156.80 (156.50 to 157.50): V





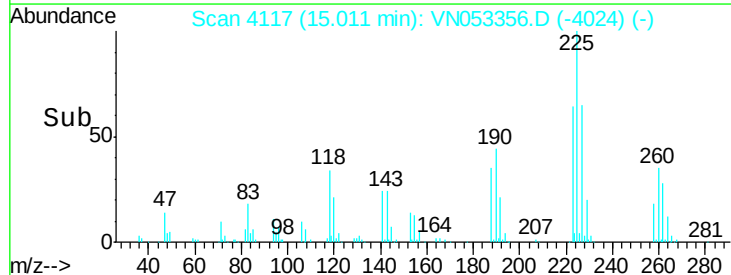
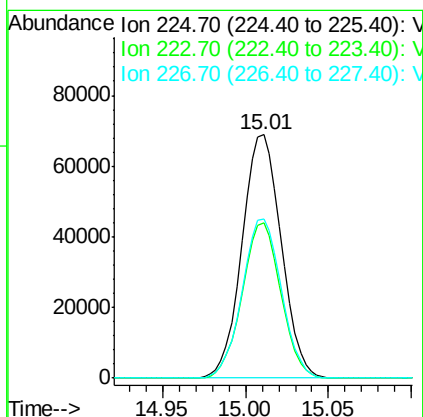
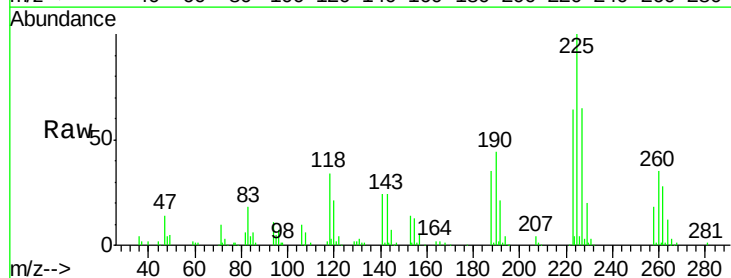
#93
 1,2,4-Trichlorobenzene
 Concen: 24.399 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN053356.D
 Acq: 11 Jan 2019 10:42

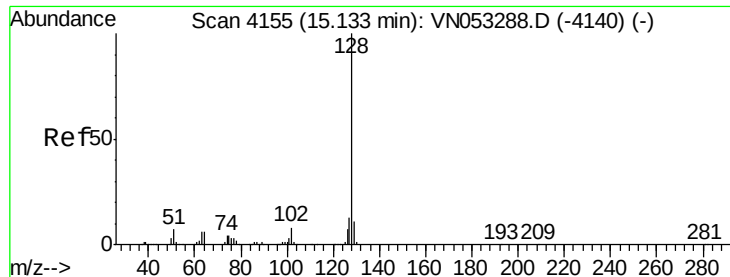
Tot Ion:180 Resp: 139574
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.8 143.4
 145 28.0 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 24.257 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053356.D
 Acq: 11 Jan 2019 10:42

Tgt Ion:225 Resp: 113498
 Ion Ratio Lower Upper
 225 100
 223 62.7 30.9 92.8
 227 65.5 31.4 94.2





#95

Naphthalene

Concen: 25.026 ug/l

RT: 15.13 min Scan# 4155

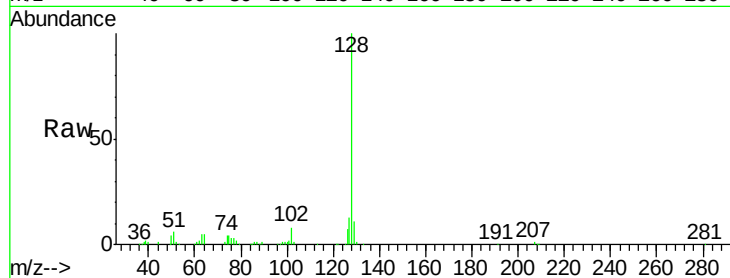
Delta R.T. 0.00 min

Lab File: VN053356.D

Acq: 11 Jan 2019 10:42

Tot Ion:128 Resp: 244223

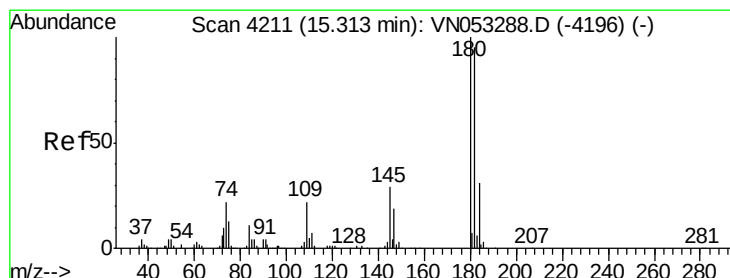
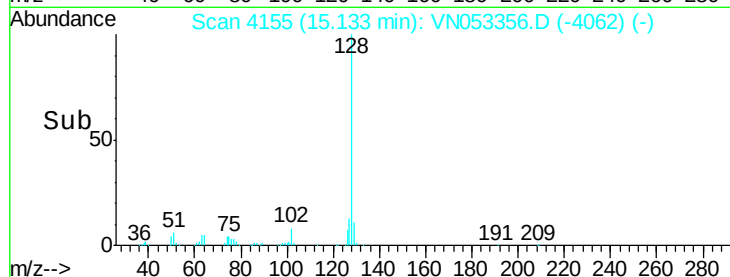
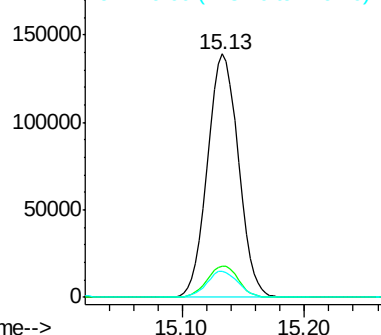
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.9	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 26.626 ug/l

RT: 15.32 min Scan# 4212

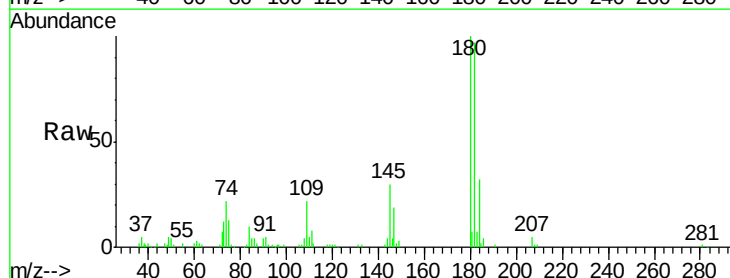
Delta R.T. 0.00 min

Lab File: VN053356.D

Acq: 11 Jan 2019 10:42

Tgt Ion:180 Resp: 99722

Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.4	145.0
145	30.6	14.9	44.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

