

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011119\
 Data File : VN053355.D
 Acq On : 11 Jan 2019 10:15
 Operator : MD\SY
 Sample : VN0111WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 28

Quant Time: Jan 12 00:38:06 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	7.66	168	915061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1362268	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1240464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	594991	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	463495	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
35) Dibromofluoromethane	7.59	113	408441	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
50) Toluene-d8	10.09	98	1714579	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
62) 4-Bromofluorobenzene	12.40	95	612079	52.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.52%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	162435	20.135	ug/l 99
3) Chloromethane	2.06	50	223108	19.804	ug/l 100
4) Vinyl Chloride	2.19	62	212220	19.736	ug/l 100
5) Bromomethane	2.56	94	141067	20.077	ug/l 97
6) Chloroethane	2.71	64	130785	20.151	ug/l 98
7) Trichlorofluoromethane	3.02	101	277656	19.936	ug/l 98
8) Diethyl Ether	3.41	74	105214	19.274	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	182039	20.623	ug/l 100
10) Methyl Iodide	3.96	142	259636	20.984	ug/l 100
11) Tert butyl alcohol	4.78	59	42264	73.809	ug/l 98
12) 1,1-Dichloroethene	3.74	96	165846	19.424	ug/l 97
13) Acrolein	3.61	56	56935	79.081	ug/l 100
14) Allyl chloride	4.32	41	274147	19.922	ug/l 97
15) Acrylonitrile	4.98	53	313956	91.847	ug/l 100
16) Acetone	3.81	43	234386	100.966	ug/l 99
17) Carbon Disulfide	4.06	76	473154	17.975	ug/l 98
18) Methyl Acetate	4.32	43	153201	17.781	ug/l 97
19) Methyl tert-butyl Ether	5.04	73	463302	19.334	ug/l 99
20) Methylene Chloride	4.55	84	198659	19.429	ug/l 97
21) trans-1,2-Dichloroethene	5.04	96	182490	19.906	ug/l 98
22) Diisopropyl ether	5.95	45	599739	20.230	ug/l 98
23) Vinyl Acetate	5.90	43	1805801	96.808	ug/l 100
24) 1,1-Dichloroethane	5.85	63	342938	20.057	ug/l 99
25) 2-Butanone	6.83	43	353926	90.618	ug/l 100
26) 2,2-Dichloropropane	6.82	77	257523	20.604	ug/l 99
27) cis-1,2-Dichloroethene	6.83	96	208535	19.919	ug/l 97
28) Bromochloromethane	7.20	49	147896	20.298	ug/l 98
29) Tetrahydrofuran	7.21	42	227441	88.244	ug/l 98
30) Chloroform	7.37	83	334860	19.897	ug/l 98
31) Cyclohexane	7.65	56	329973	20.192	ug/l 97
32) 1,1,1-Trichloroethane	7.57	97	279134	19.904	ug/l 100
36) 1,1-Dichloropropene	7.79	75	261540	20.565	ug/l 99
37) Ethyl Acetate	6.92	43	155173	18.732	ug/l 99
38) Carbon Tetrachloride	7.77	117	240956	20.527	ug/l 99

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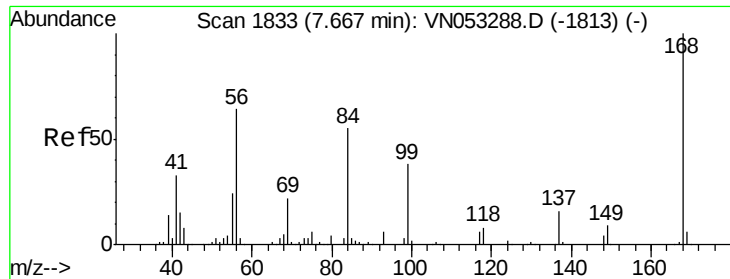
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	329313	22.351	ug/l	99
40) Benzene	8.04	78	803483	20.683	ug/l	99
41) Methacrylonitrile	7.17	41	86213	16.764	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	230933	20.041	ug/l	100
43) Isopropyl Acetate	8.16	43	282054	17.308	ug/l	99
44) Trichloroethene	8.83	130	220929	20.711	ug/l	99
45) 1,2-Dichloropropane	9.12	63	211922	20.799	ug/l	100
46) Dibromomethane	9.21	93	121376	20.431	ug/l	99
47) Bromodichloromethane	9.40	83	253691	20.492	ug/l	100
48) Methyl methacrylate	9.20	41	142449	19.240	ug/l	100
49) 1,4-Dioxane	9.20	88	23833	302.143	ug/l	94
51) 4-Methyl-2-Pentanone	9.98	43	794317	96.926	ug/l	100
52) Toluene	10.16	92	504868	21.184	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	259923	20.523	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	306415	20.937	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	175461	20.022	ug/l	98
56) Ethyl methacrylate	10.43	69	224495	19.713	ug/l	99
57) 1,3-Dichloropropane	10.71	76	300958	20.537	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	612576	99.499	ug/l	100
59) 2-Hexanone	10.75	43	559877	99.712	ug/l	99
60) Dibromochloromethane	10.90	129	193136	20.434	ug/l	100
61) 1,2-Dibromoethane	11.01	107	174104	20.133	ug/l	99
64) Tetrachloroethene	10.63	164	248652	21.297	ug/l	99
65) Chlorobenzene	11.43	112	560761	20.809	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	192045	20.361	ug/l	99
67) Ethyl Benzene	11.51	91	973758	21.266	ug/l	99
68) m/p-Xylenes	11.62	106	740152	42.987	ug/l	100
69) o-Xylene	11.95	106	359956	21.354	ug/l	100
70) Styrene	11.96	104	589880	21.501	ug/l	100
71) Bromoform	12.13	173	133385	20.021	ug/l #	99
73) Isopropylbenzene	12.25	105	958765	21.643	ug/l	100
74) N-amyl acetate	12.07	43	260097	19.663	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	199046	19.533	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	267206	30.790	ug/l #	100
77) Bromobenzene	12.53	156	248185	20.992	ug/l	99
78) n-propylbenzene	12.59	91	1115945	22.271	ug/l	100
79) 2-Chlorotoluene	12.67	91	650856	21.466	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	790392	22.151	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	57549	19.511	ug/l	93
82) 4-Chlorotoluene	12.77	91	670647	21.571	ug/l	100
83) tert-Butylbenzene	12.99	119	707981	22.614	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	797387	21.935	ug/l	100
85) sec-Butylbenzene	13.17	105	968603	23.460	ug/l	100
86) p-Isopropyltoluene	13.29	119	832228	23.281	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	437875	21.031	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	429432	20.792	ug/l	99
89) n-Butylbenzene	13.62	91	685732	22.880	ug/l	100
90) Hexachloroethane	13.88	117	123259	21.513	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	404764	20.754	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	23883	19.323	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	141178	23.023	ug/l	99
94) Hexachlorobutadiene	15.01	225	131282	26.174	ug/l	98
95) Naphthalene	15.13	128	224621	21.472	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	94755	23.602	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053355.D

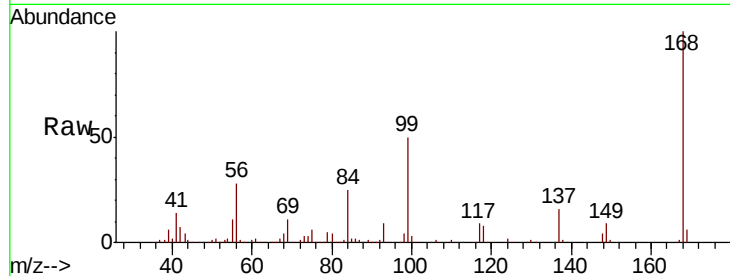
Acq: 11 Jan 2019 10:15

Tgt Ion: 168 Resp: 915061

Ion Ratio Lower Upper

168 100

99 50.1 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053355.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053355.D (-1740) (-)

7.66

400000

300000

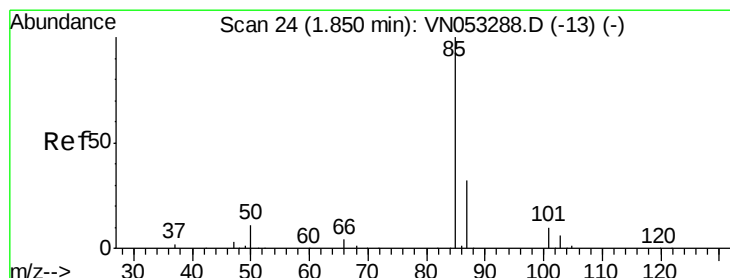
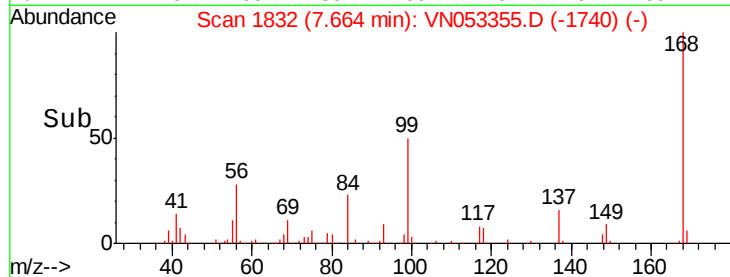
200000

100000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.135 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053355.D

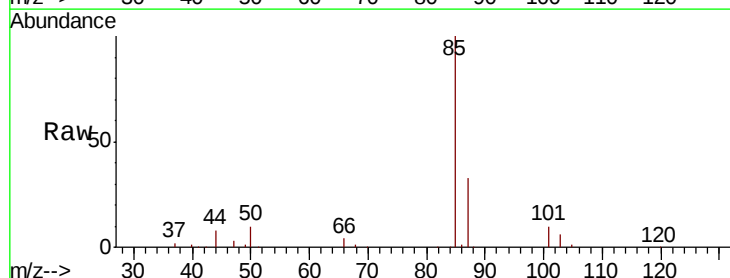
Acq: 11 Jan 2019 10:15

Tgt Ion: 85 Resp: 162435

Ion Ratio Lower Upper

85 100

87 32.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VN053355.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VN053355.D (-1) (-)

1.85

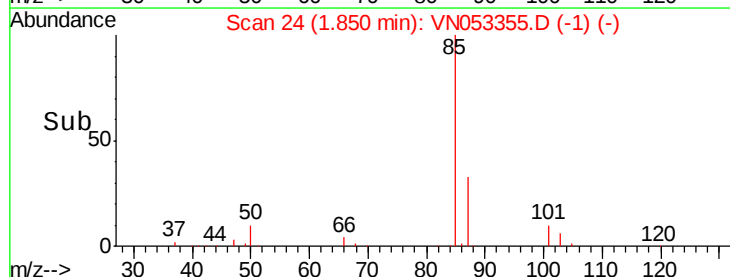
100000

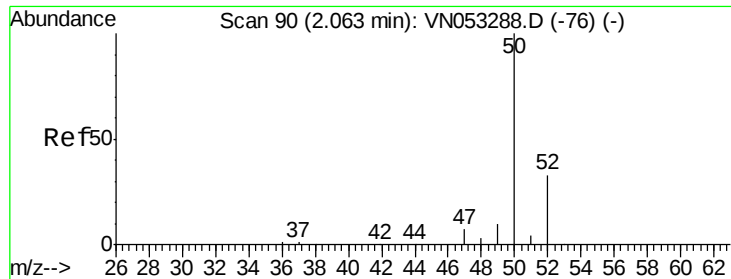
50000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 19.804 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN053355.D

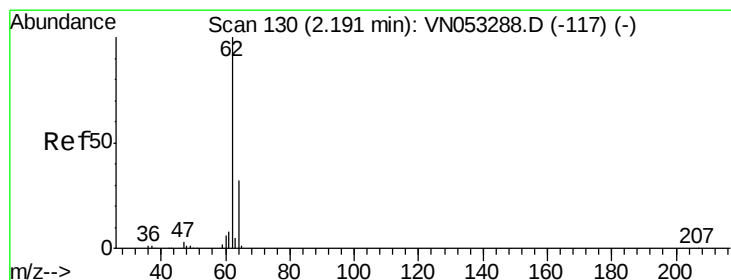
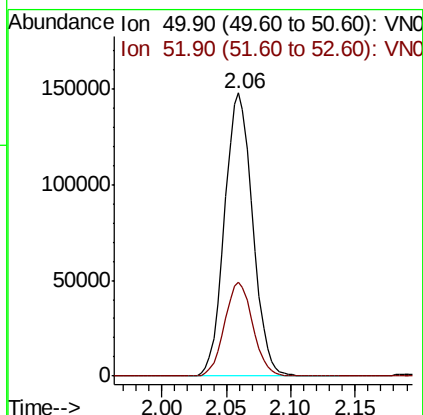
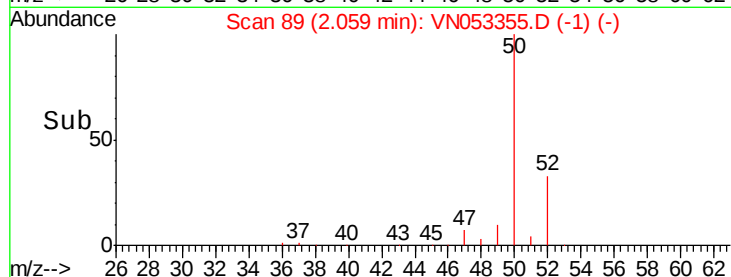
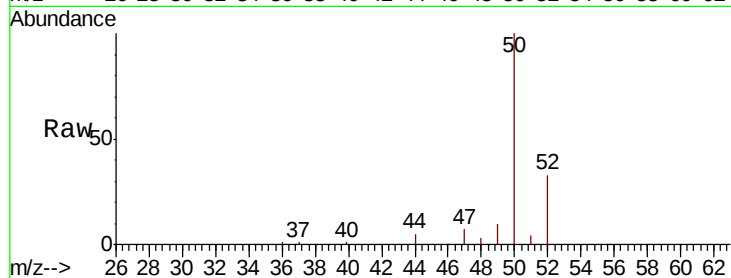
Acq: 11 Jan 2019 10:15

Tgt Ion: 50 Resp: 223108

Ion Ratio Lower Upper

50 100

52 33.2 26.6 40.0



#4

Vinyl Chloride

Concen: 19.736 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN053355.D

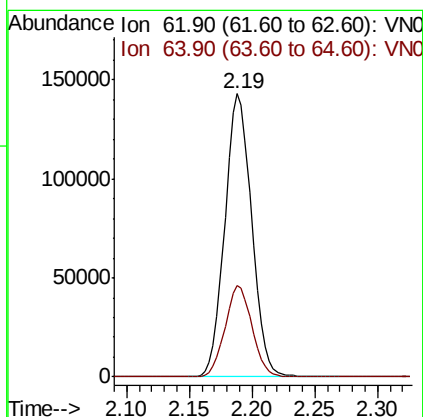
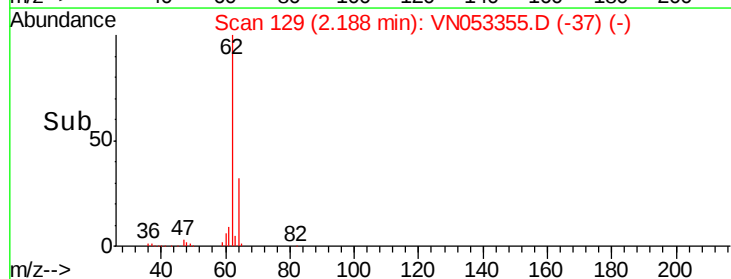
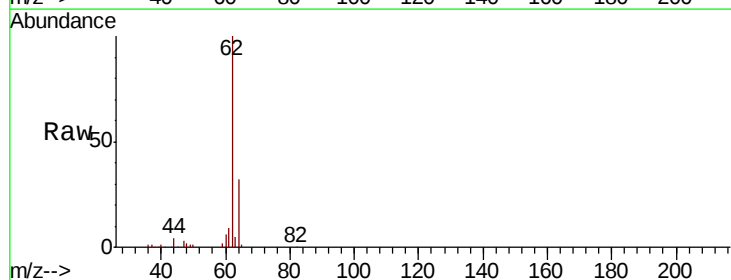
Acq: 11 Jan 2019 10:15

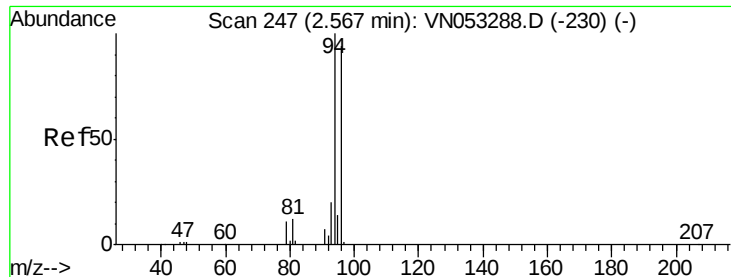
Tgt Ion: 62 Resp: 212220

Ion Ratio Lower Upper

62 100

64 32.2 25.6 38.4





#5

Bromomethane

Concen: 20.077 ug/l

RT: 2.56 min Scan# 246

Delta R.T. -0.00 min

Lab File: VN053355.D

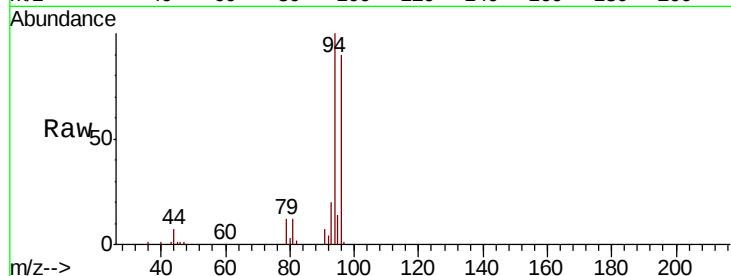
Acq: 11 Jan 2019 10:15

Tgt Ion: 94 Resp: 141067

Ion Ratio Lower Upper

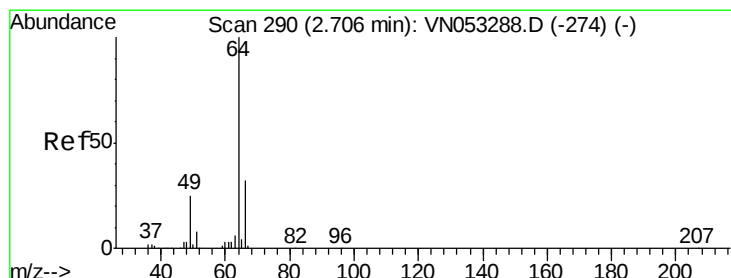
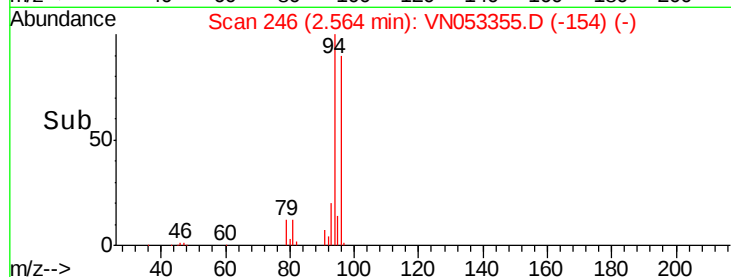
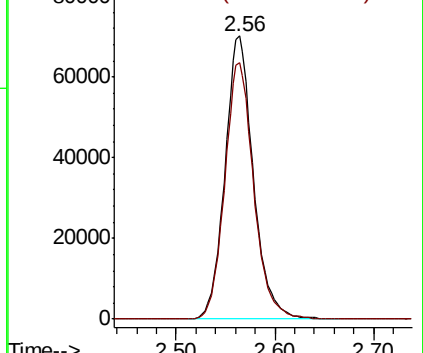
94 100

96 90.4 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: 20.151 ug/l

RT: 2.71 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN053355.D

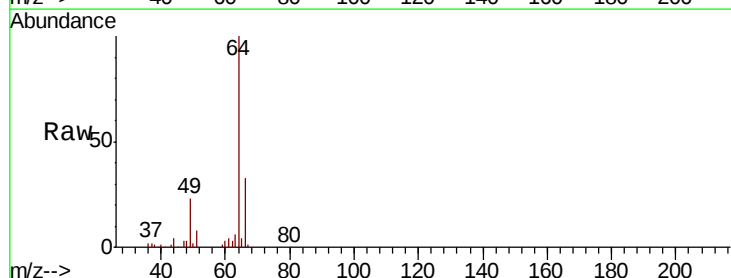
Acq: 11 Jan 2019 10:15

Tgt Ion: 64 Resp: 130785

Ion Ratio Lower Upper

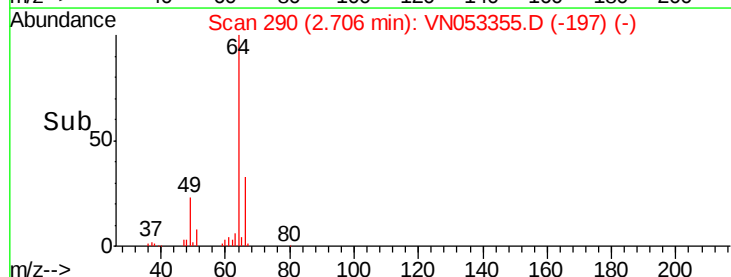
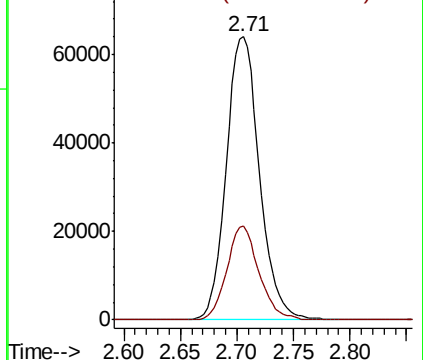
64 100

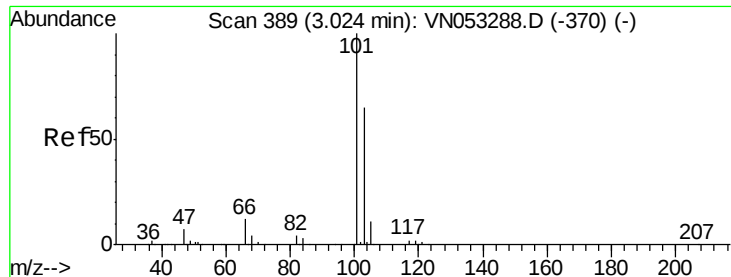
66 33.1 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

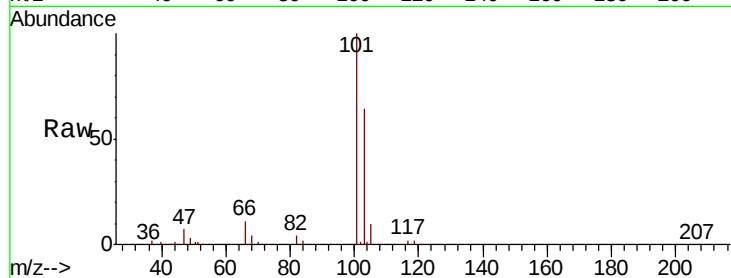




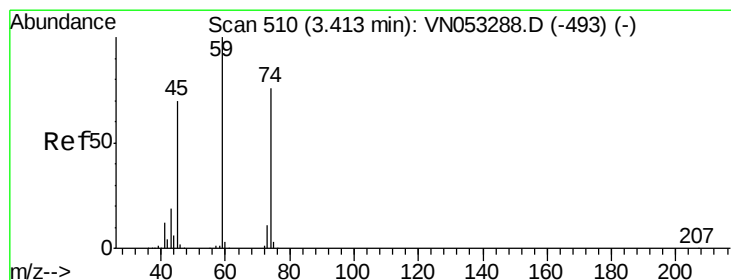
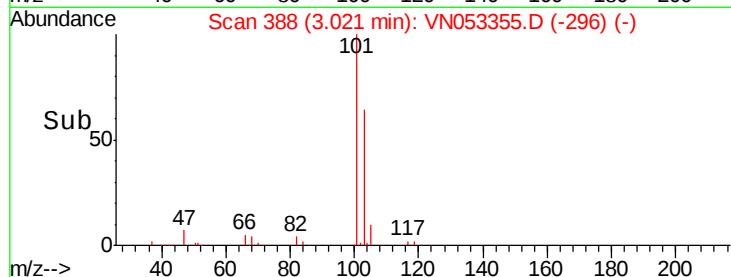
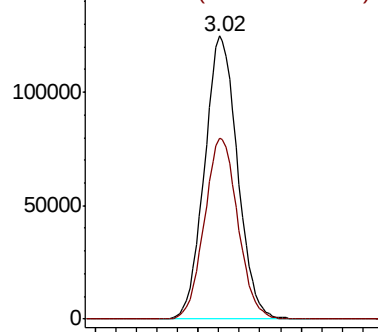
#7

Trichlorofluoromethane
Concen: 19.936 ug/l
RT: 3.02 min Scan# 388
Delta R.T. -0.00 min
Lab File: VN053355.D
Acq: 11 Jan 2019 10:15

Tgt Ion: 101 Resp: 277656
Ion Ratio Lower Upper
101 100
103 63.7 52.1 78.1



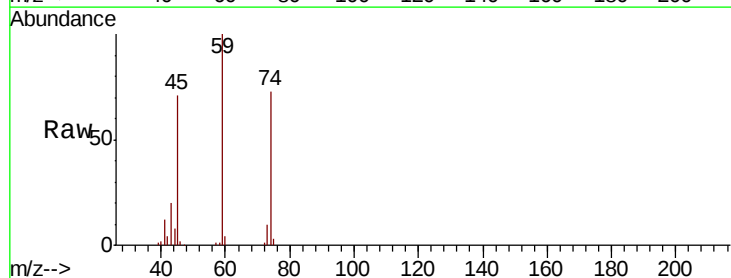
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



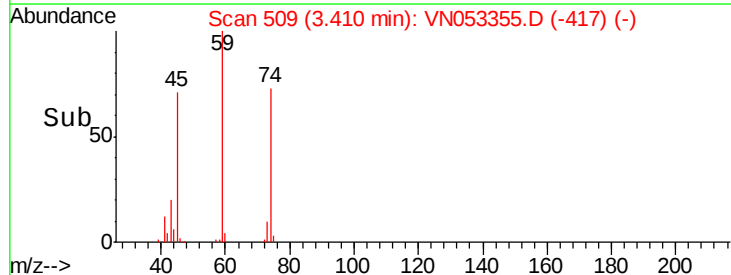
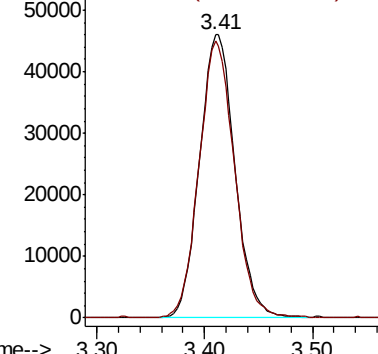
#8

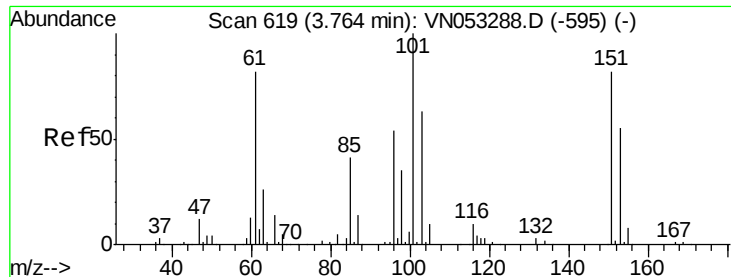
Diethyl Ether
Concen: 19.274 ug/l
RT: 3.41 min Scan# 509
Delta R.T. -0.00 min
Lab File: VN053355.D
Acq: 11 Jan 2019 10:15

Tgt Ion: 74 Resp: 105214
Ion Ratio Lower Upper
74 100
45 97.6 48.3 144.9



Abundance Ion 74.00 (73.70 to 74.70): VNO
Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.623 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN053355.D

Acq: 11 Jan 2019 10:15

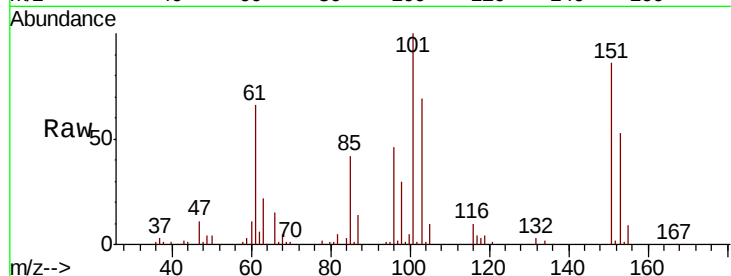
Tgt Ion:101 Resp: 182039

Ion Ratio Lower Upper

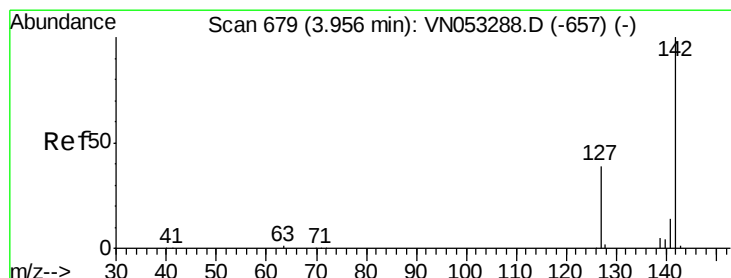
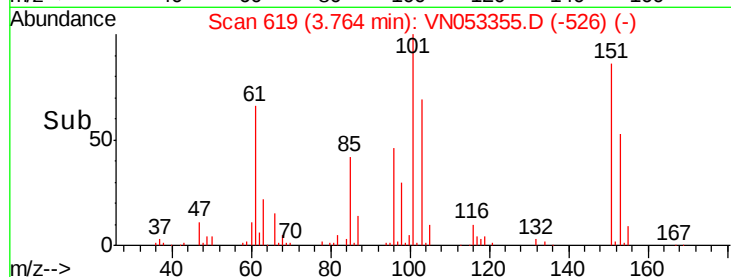
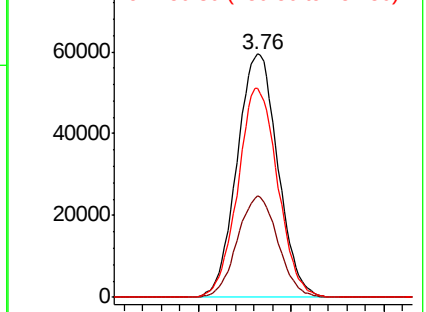
101 100

85 41.3 33.3 49.9

151 84.0 67.0 100.4



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VN0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.984 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN053355.D

Acq: 11 Jan 2019 10:15

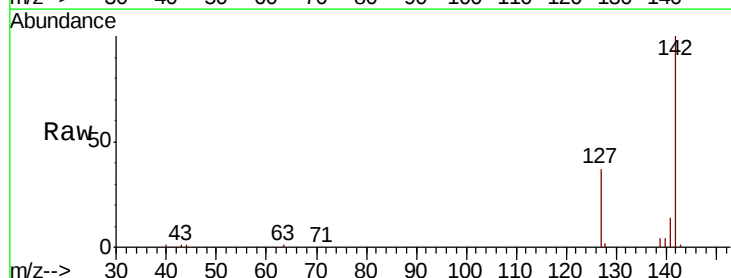
Tgt Ion:142 Resp: 259636

Ion Ratio Lower Upper

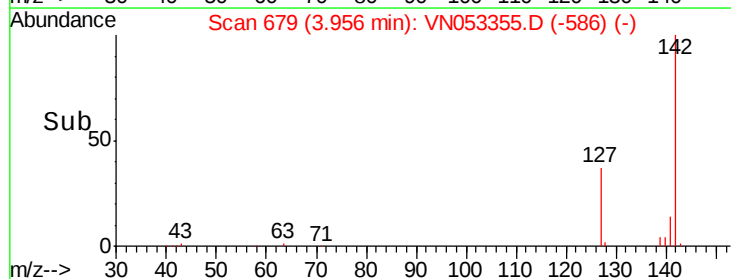
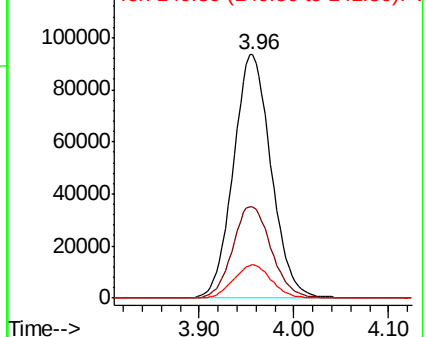
142 100

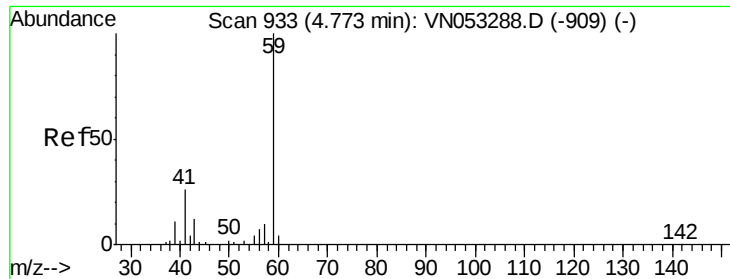
127 38.5 30.9 46.3

141 13.6 11.2 16.8



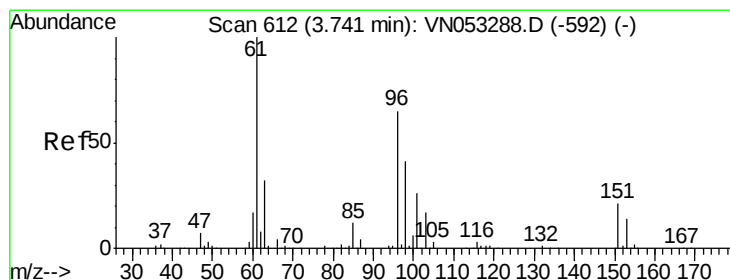
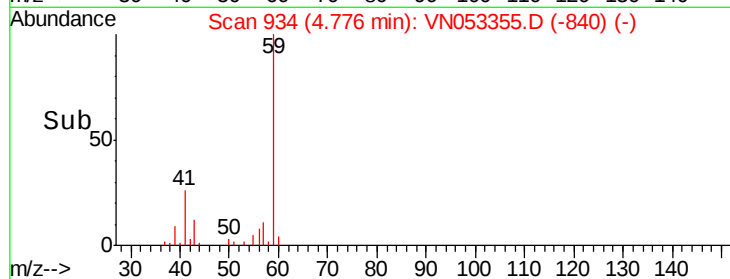
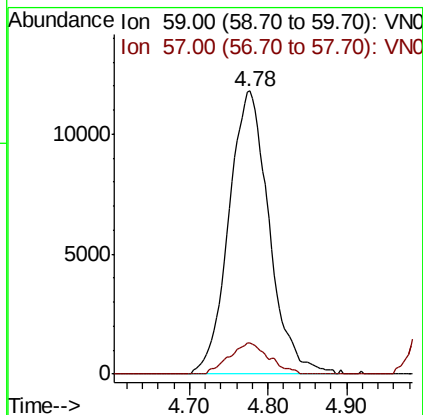
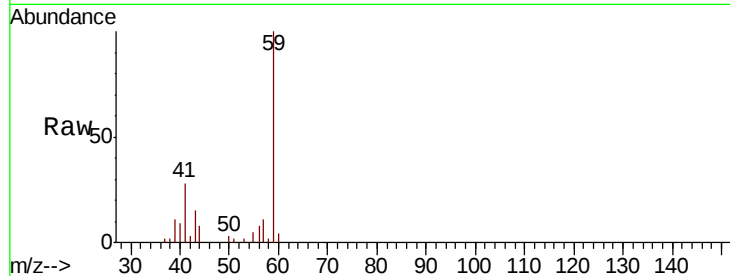
Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





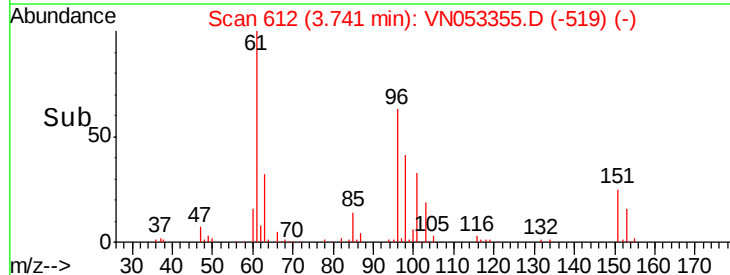
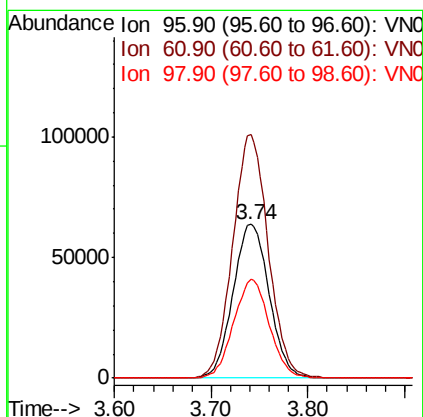
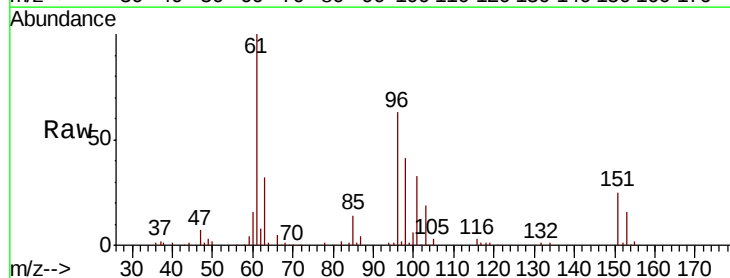
#11
Tert butyl alcohol
Concen: 73.809 ug/l
RT: 4.78 min Scan# 934
Delta R.T. 0.00 min
Lab File: VN053355.D
Acq: 11 Jan 2019 10:15

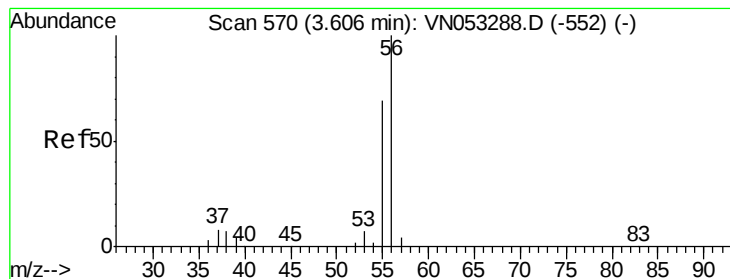
Tgt Ion: 59 Resp: 42264
Ion Ratio Lower Upper
59 100
57 10.8 8.0 12.0



#12
1,1-Dichloroethene
Concen: 19.424 ug/l
RT: 3.74 min Scan# 612
Delta R.T. 0.00 min
Lab File: VN053355.D
Acq: 11 Jan 2019 10:15

Tgt Ion: 96 Resp: 165846
Ion Ratio Lower Upper
96 100
61 158.6 123.2 184.8
98 64.5 50.5 75.7





#13

Acrolein

Concen: 79.081 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN053355.D

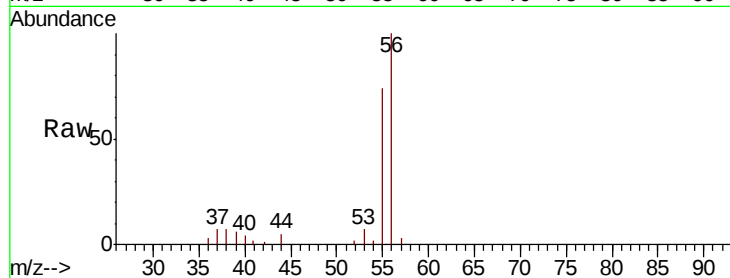
Acq: 11 Jan 2019 10:15

Tgt Ion: 56 Resp: 56935

Ion Ratio Lower Upper

56 100

55 70.7 56.3 84.5



Abundance Ion 56.00 (55.70 to 56.70): VN053288.D (-552) (-)

Ion 55.00 (54.70 to 55.70): VN053288.D (-552) (-)

3.61

25000

20000

15000

10000

5000

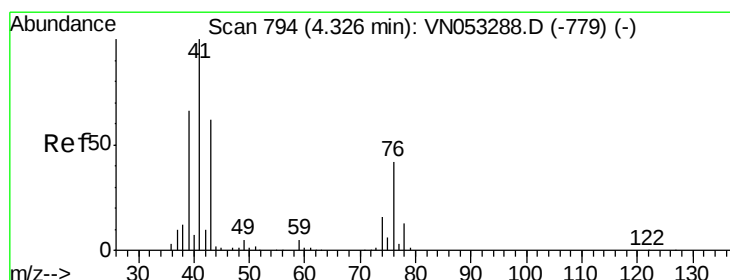
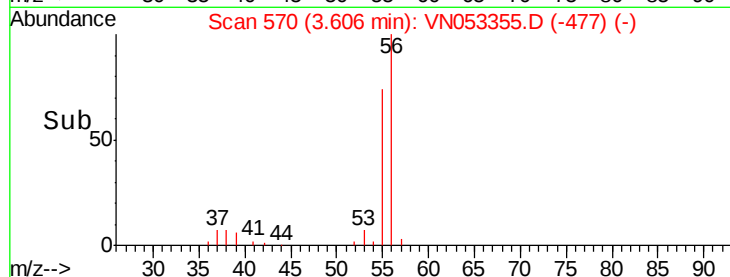
0

Time-->

3.50

3.60

3.70



#14

Allyl chloride

Concen: 19.922 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN053355.D

Acq: 11 Jan 2019 10:15

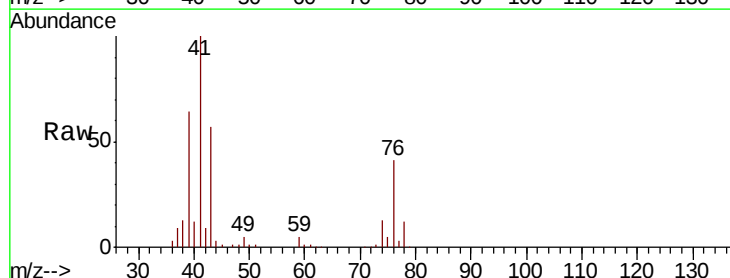
Tgt Ion: 41 Resp: 274147

Ion Ratio Lower Upper

41 100

39 61.6 51.9 77.9

76 37.8 31.2 46.8



Abundance Ion 41.00 (40.70 to 41.70): VN053288.D (-779) (-)

Ion 39.00 (38.70 to 39.70): VN053288.D (-779) (-)

Ion 75.90 (75.60 to 76.60): VN053288.D (-779) (-)

4.32

120000

100000

80000

60000

40000

20000

0

Time-->

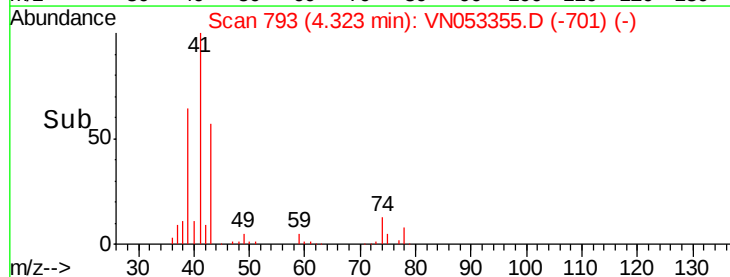
4.10

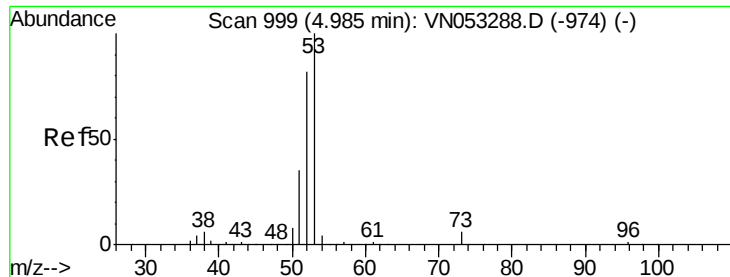
4.20

4.30

4.40

4.50





#15

Acrylonitrile

Concen: 91.847 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN053355.D

Acq: 11 Jan 2019 10:15

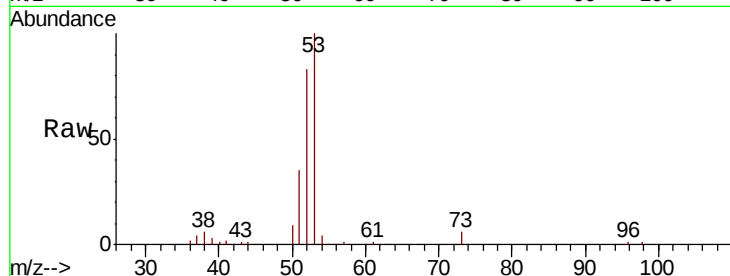
Tgt Ion: 53 Resp: 313956

Ion Ratio Lower Upper

53 100

52 81.5 65.2 97.8

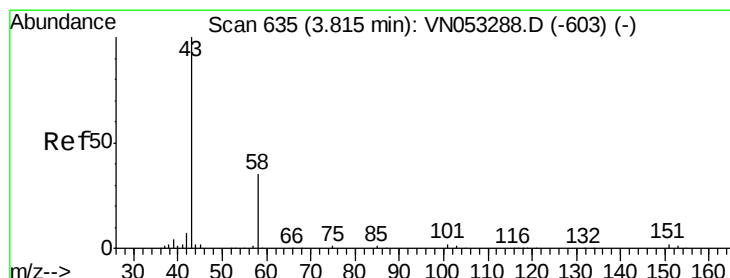
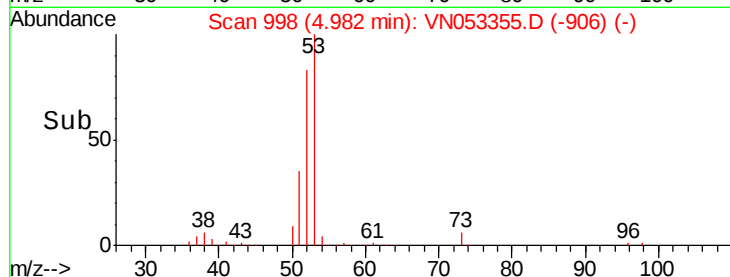
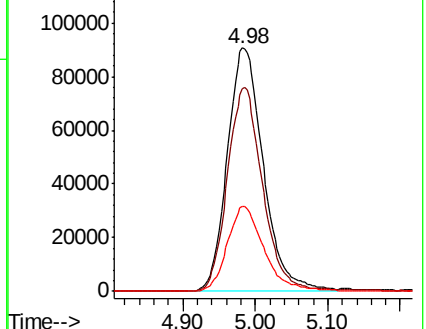
51 35.6 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VN053288.D (-974) (-)

Ion 52.00 (51.70 to 52.70): VN053288.D (-974) (-)

Ion 51.00 (50.70 to 51.70): VN053288.D (-974) (-)



#16

Acetone

Concen: 100.966 ug/l

RT: 3.81 min Scan# 634

Delta R.T. -0.00 min

Lab File: VN053355.D

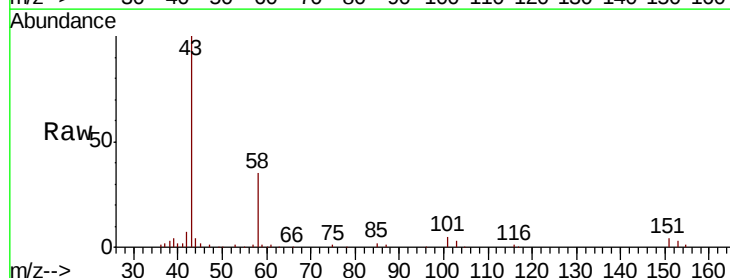
Acq: 11 Jan 2019 10:15

Tgt Ion: 43 Resp: 234386

Ion Ratio Lower Upper

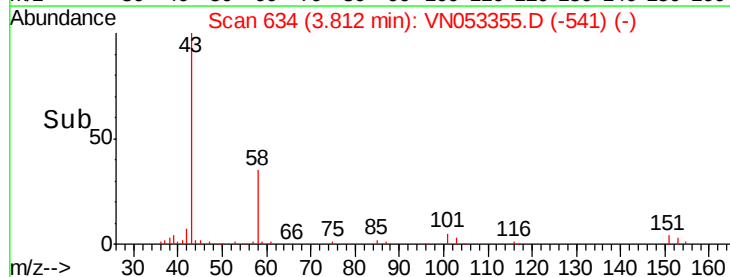
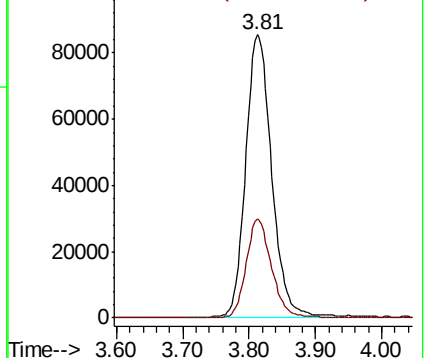
43 100

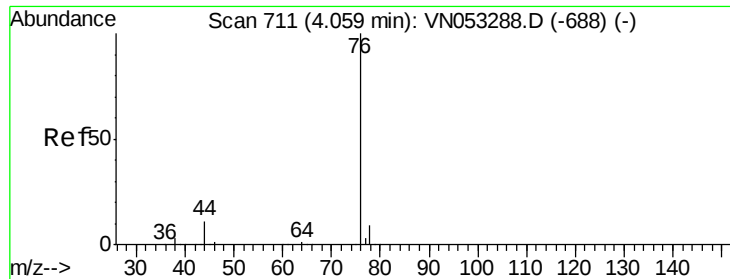
58 35.1 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN053288.D (-603) (-)

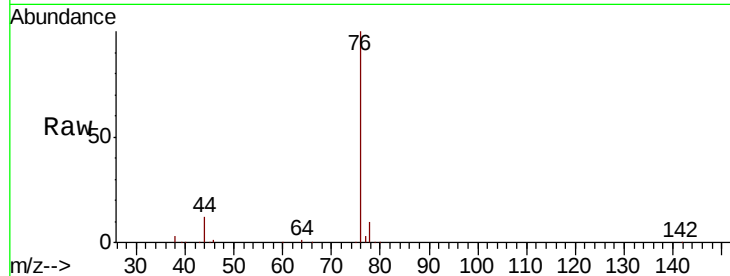
Ion 58.00 (57.70 to 58.70): VN053288.D (-603) (-)



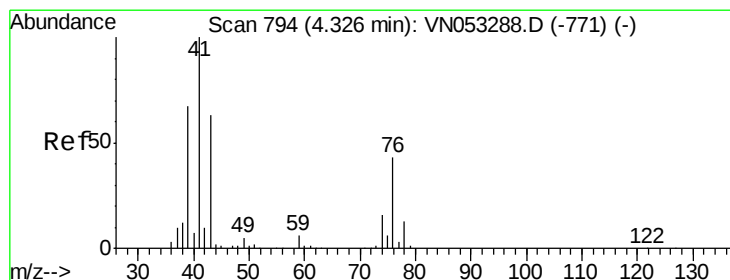
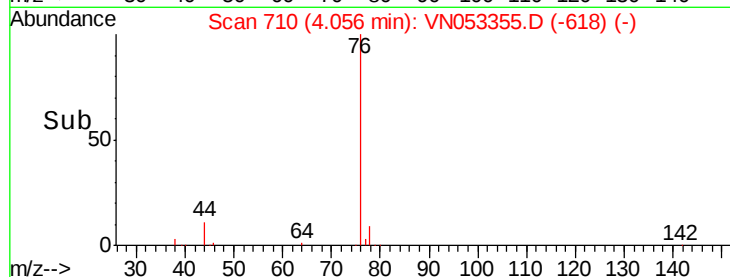
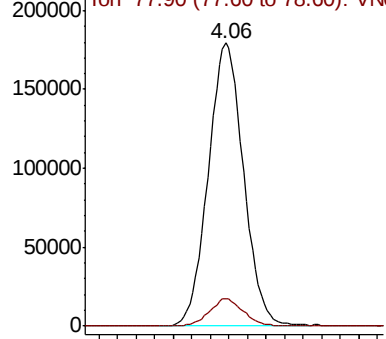


#17
Carbon Disulfide
Concen: 17.975 ug/l
RT: 4.06 min Scan# 710
Delta R.T. -0.00 min
Lab File: VN053355.D
Acq: 11 Jan 2019 10:15

Tgt Ion: 76 Resp: 473154
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8

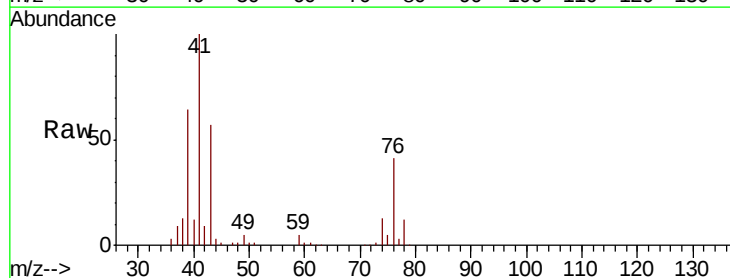


Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO

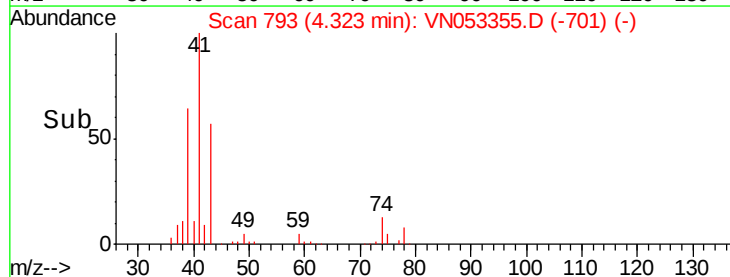
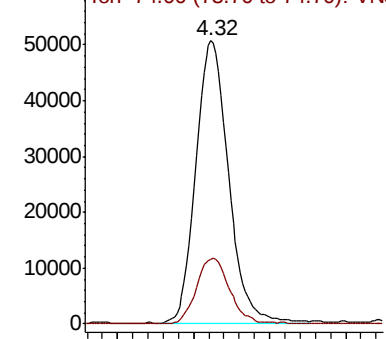


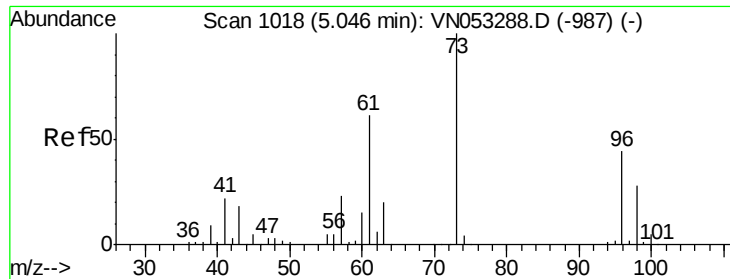
#18
Methyl Acetate
Concen: 17.781 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN053355.D
Acq: 11 Jan 2019 10:15

Tgt Ion: 43 Resp: 153201
Ion Ratio Lower Upper
43 100
74 23.1 19.8 29.8



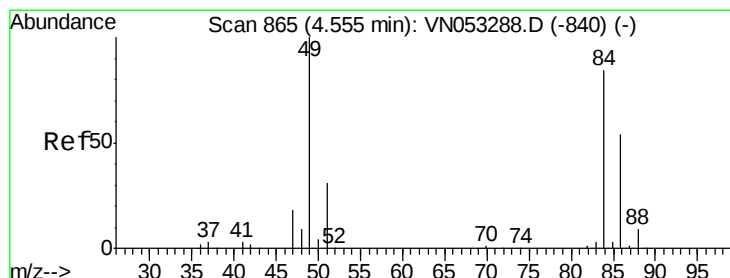
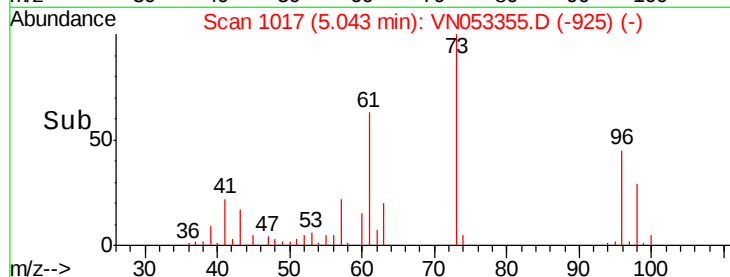
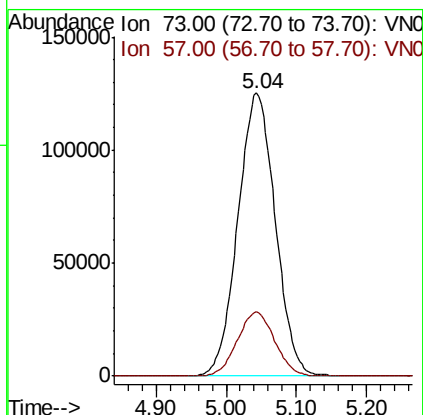
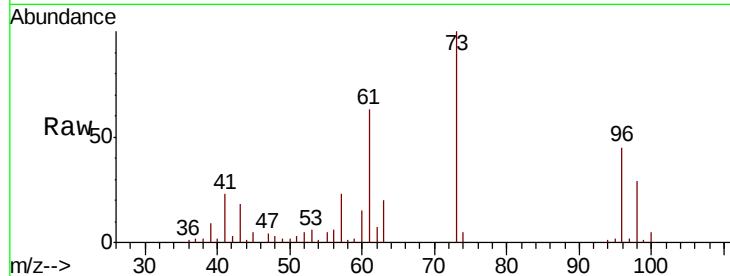
Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO





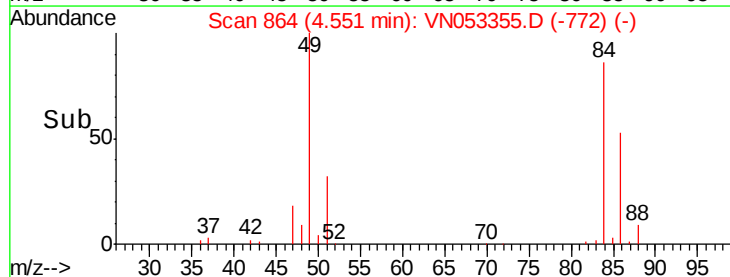
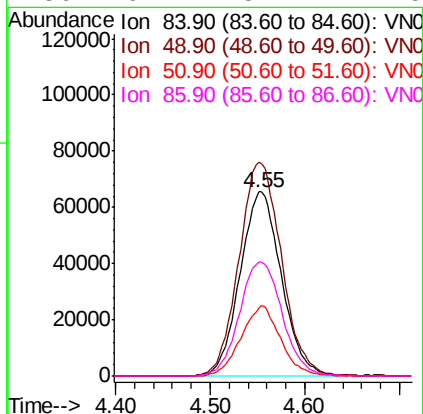
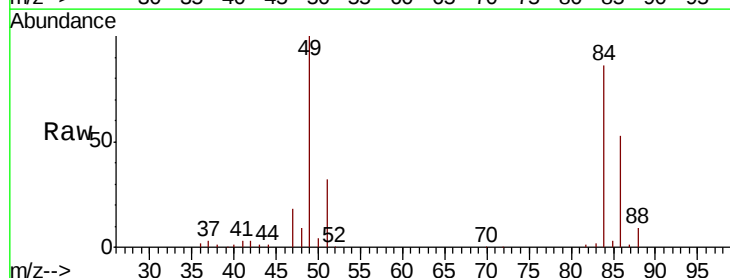
#19
Methyl tert-butyl Ether
Concen: 19.334 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN053355.D
Acq: 11 Jan 2019 10:15

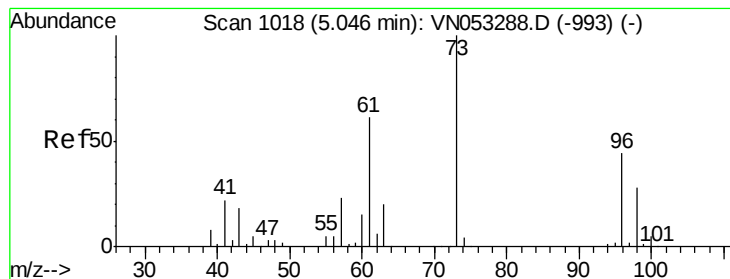
Tgt Ion: 73 Resp: 463302
Ion Ratio Lower Upper
73 100
57 22.7 18.5 27.7



#20
Methylene Chloride
Concen: 19.429 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN053355.D
Acq: 11 Jan 2019 10:15

Tgt Ion: 84 Resp: 198659
Ion Ratio Lower Upper
84 100
49 115.9 95.3 142.9
51 37.1 29.0 43.6
86 61.7 51.7 77.5

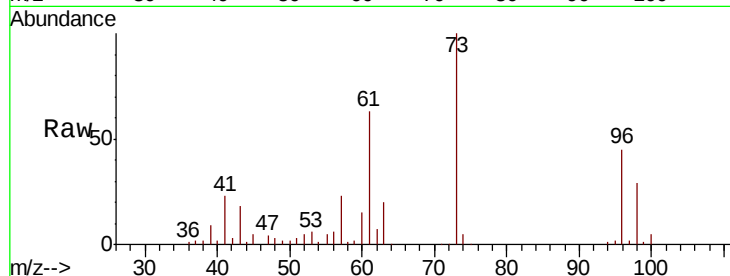




#21

trans-1,2-Dichloroethene
Concen: 19.906 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN053355.D
Acq: 11 Jan 2019 10:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	140.3	110.2	165.4
98	65.0	50.7	76.1

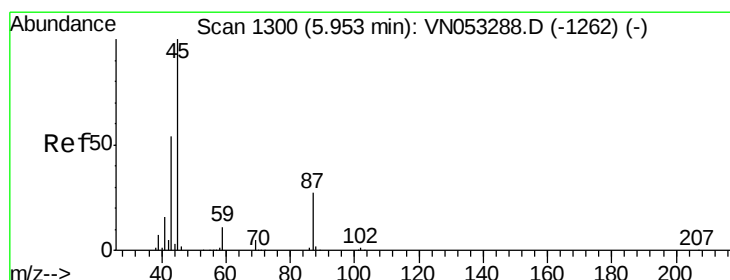
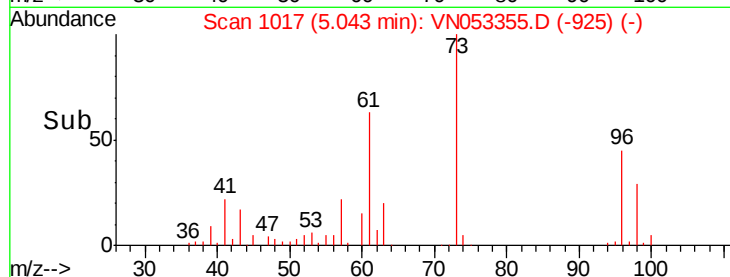
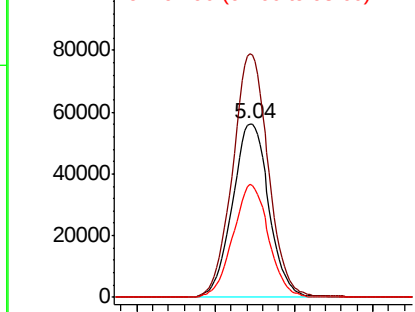


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

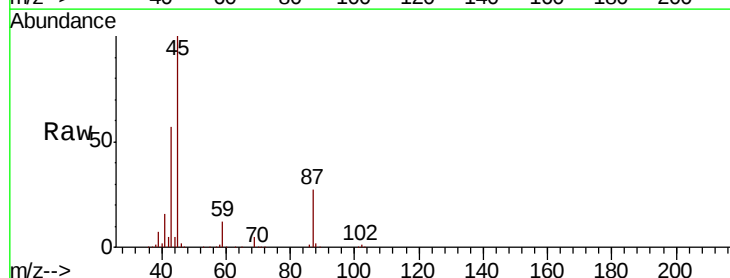
Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether
Concen: 20.230 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. -0.00 min
Lab File: VN053355.D
Acq: 11 Jan 2019 10:15

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.3	43.0	64.6
87	27.5	22.1	33.1
59	12.1	9.0	13.4



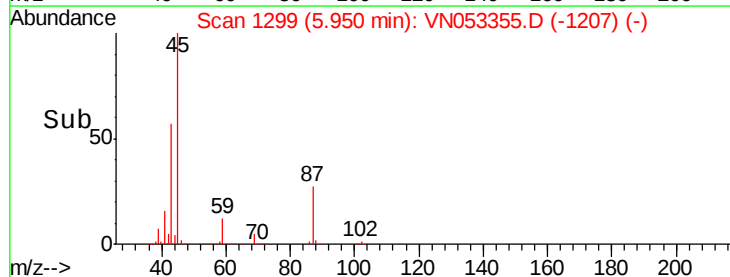
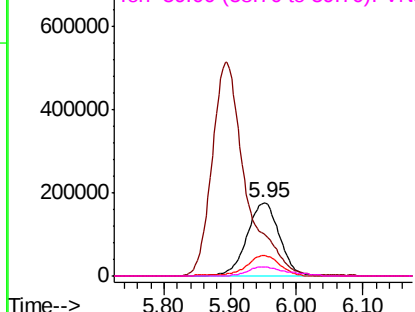
Abundance

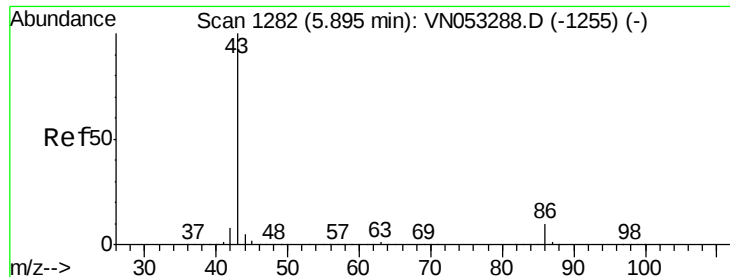
Ion 45.00 (44.70 to 45.70): VN0

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: 96.808 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN053355.D

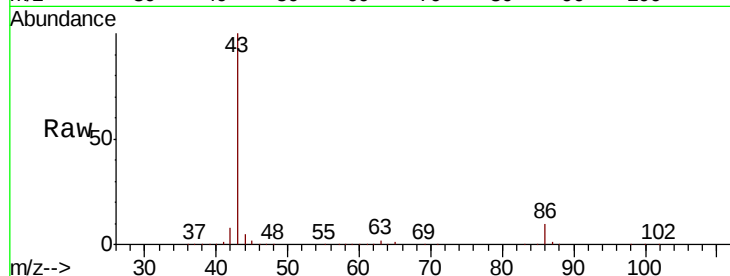
Acq: 11 Jan 2019 10:15

Tgt Ion: 43 Resp: 1805801

Ion Ratio Lower Upper

43 100

86 10.3 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN053355.D (-1189) (-)

Ion 86.00 (85.70 to 86.70): VN053355.D (-1189) (-)

5.90

600000

500000

400000

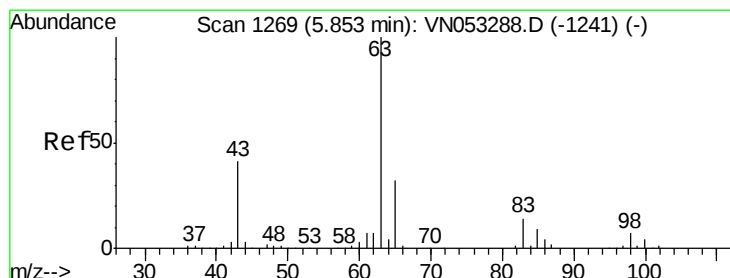
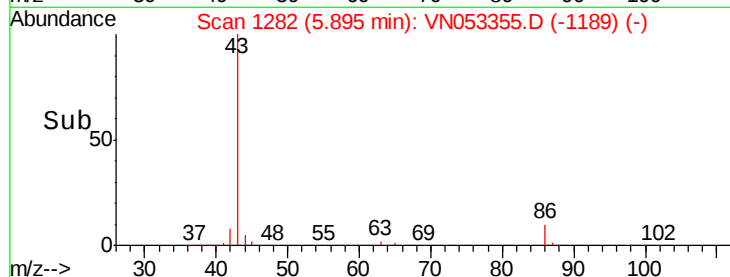
300000

200000

100000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 20.057 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN053355.D

Acq: 11 Jan 2019 10:15

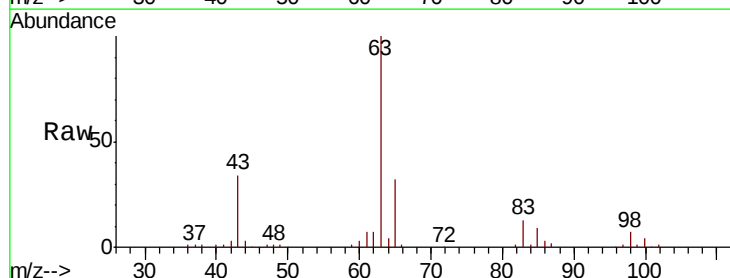
Tgt Ion: 63 Resp: 342938

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

100 3.7 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VN053355.D (-1176) (-)

Ion 97.90 (97.60 to 98.60): VN053355.D (-1176) (-)

Ion 99.90 (99.60 to 100.60): VN053355.D (-1176) (-)

5.85

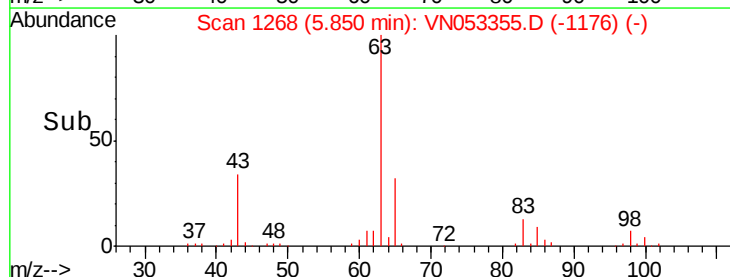
150000

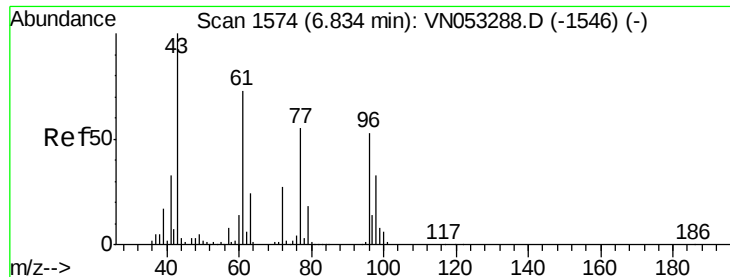
100000

50000

0

Time--> 5.70 5.80 5.90 6.00





#25

2-Butanone

Concen: 90.618 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN053355.D

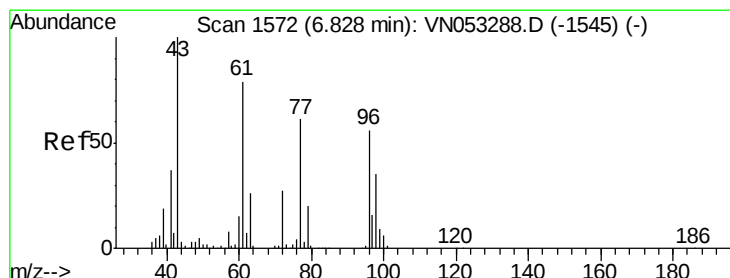
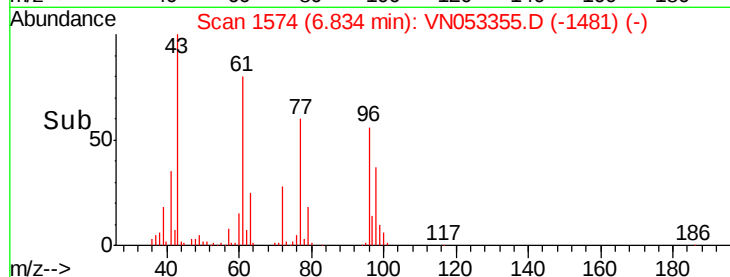
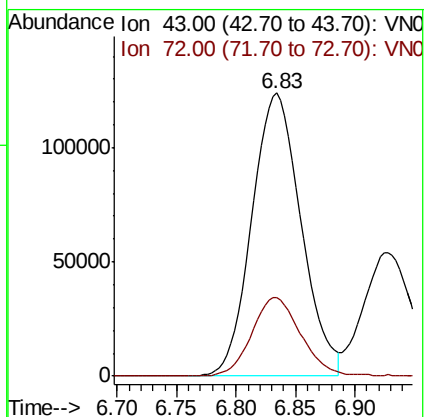
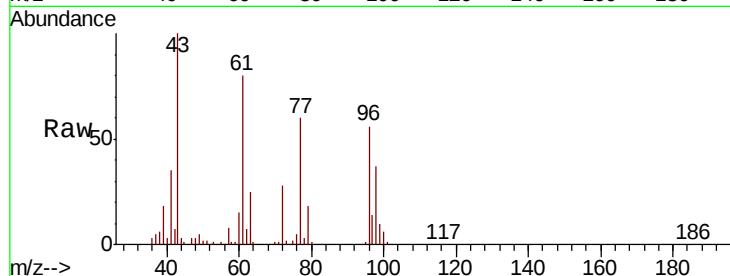
Acq: 11 Jan 2019 10:15

Tgt Ion: 43 Resp: 353926

Ion Ratio Lower Upper

43 100

72 27.6 22.0 33.0



#26

2,2-Dichloropropane

Concen: 20.604 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN053355.D

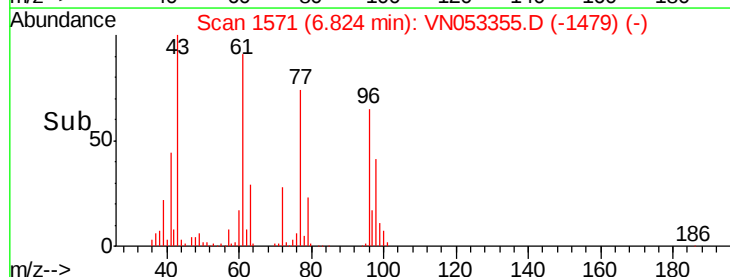
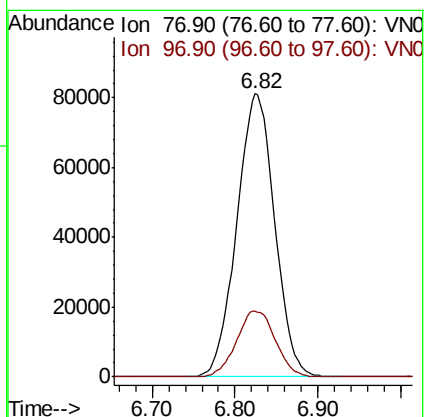
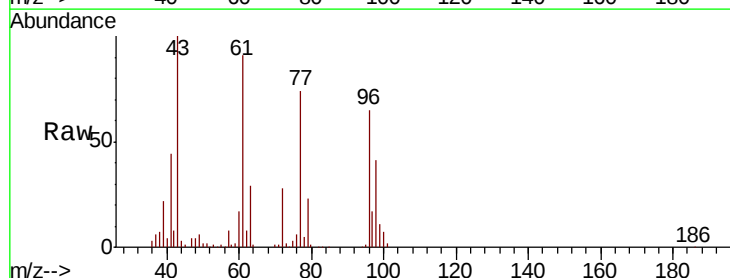
Acq: 11 Jan 2019 10:15

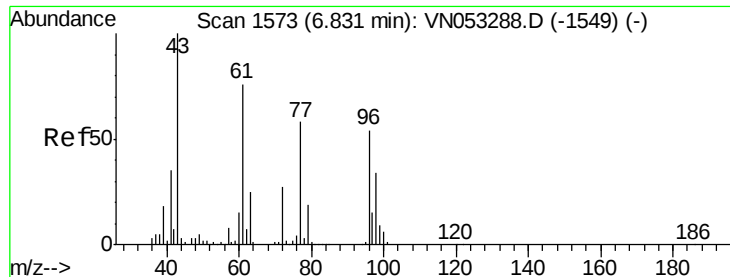
Tgt Ion: 77 Resp: 257523

Ion Ratio Lower Upper

77 100

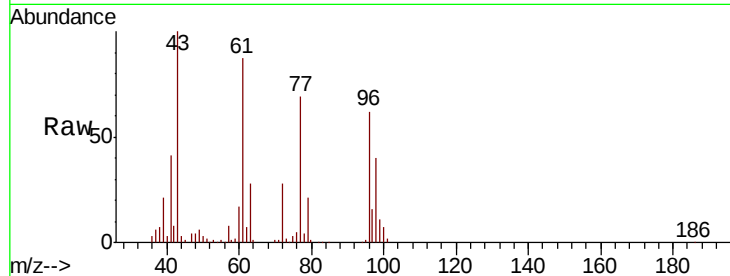
97 23.9 12.3 36.9



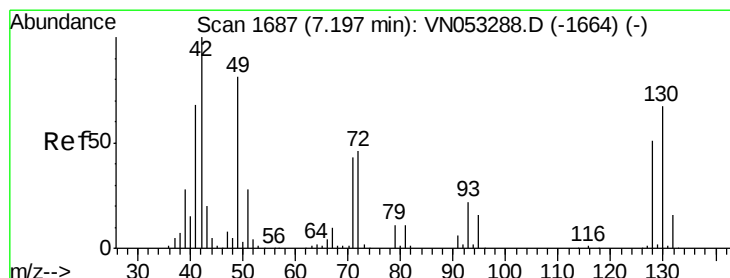
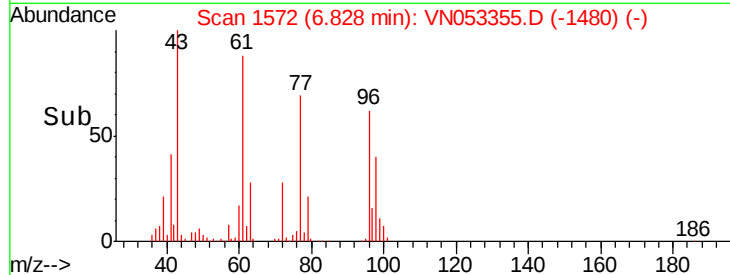
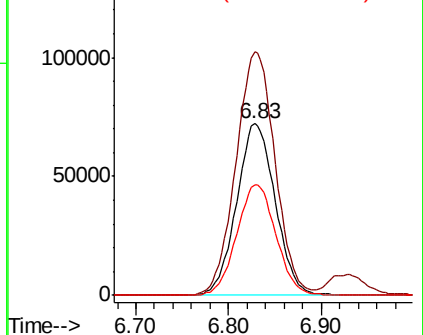


#27
 cis-1,2-Dichloroethene
 Concen: 19.919 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VN053355.D
 Acq: 11 Jan 2019 10:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	144.1	0.0	280.6
98	65.6	0.0	127.6

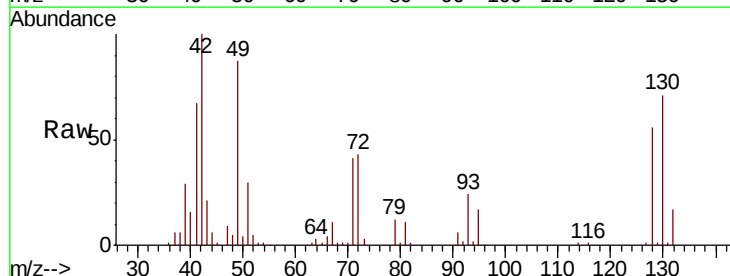


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

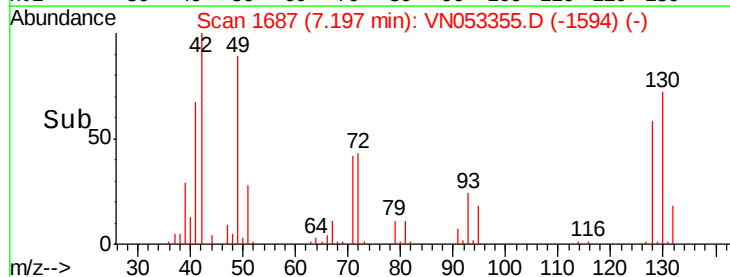
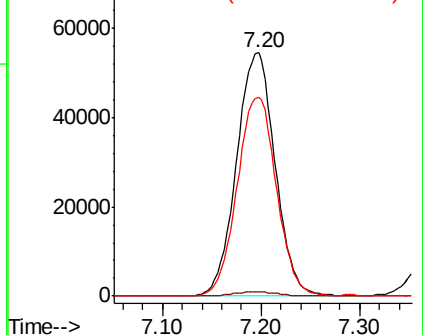


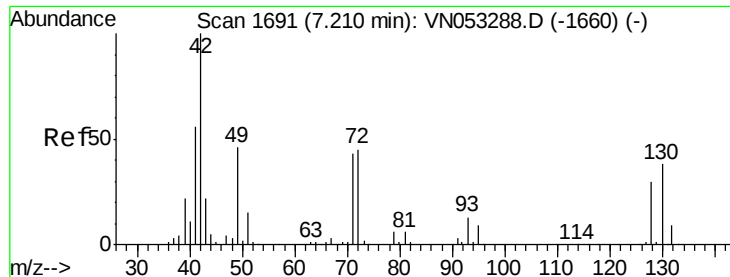
#28
 Bromochloromethane
 Concen: 20.298 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: VN053355.D
 Acq: 11 Jan 2019 10:15

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	83.3	65.4	98.0



Abundance Ion 48.90 (48.60 to 49.60): VN0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 88.244 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. 0.00 min

Lab File: VN053355.D

Acq: 11 Jan 2019 10:15

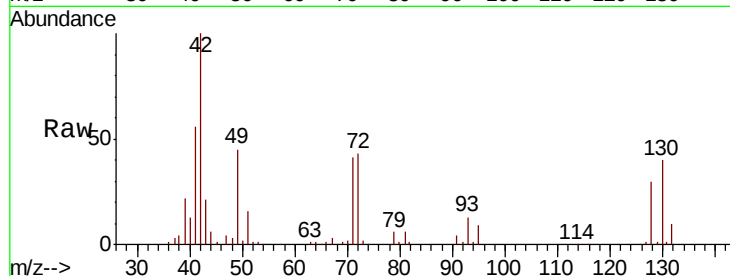
Tgt Ion: 42 Resp: 227441

Ion Ratio Lower Upper

42 100

72 43.4 35.6 53.4

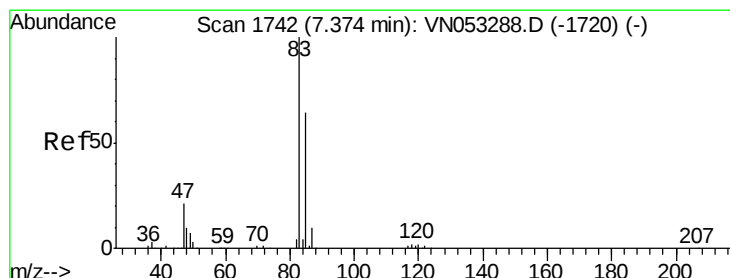
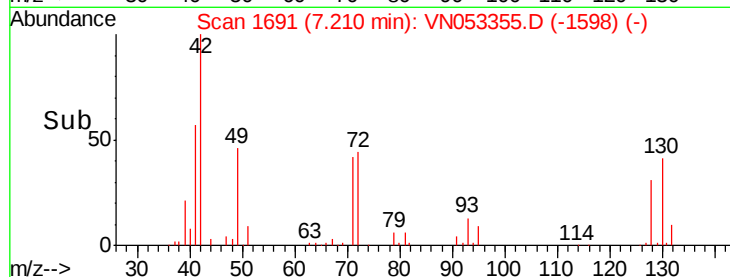
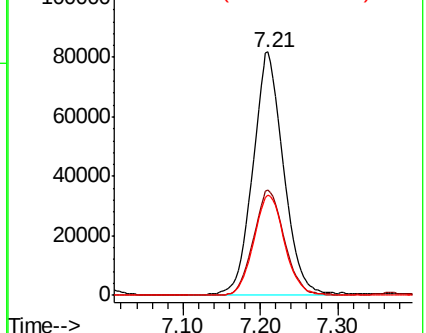
71 41.3 33.8 50.8



Abundance Ion 42.00 (41.70 to 42.70): VN053288.D (-1660) (-)

Ion 72.00 (71.70 to 72.70): VN053288.D (-1660) (-)

Ion 71.00 (70.70 to 71.70): VN053288.D (-1660) (-)



#30

Chloroform

Concen: 19.897 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VN053355.D

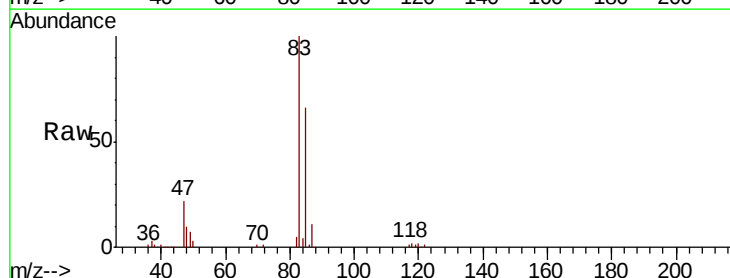
Acq: 11 Jan 2019 10:15

Tgt Ion: 83 Resp: 334860

Ion Ratio Lower Upper

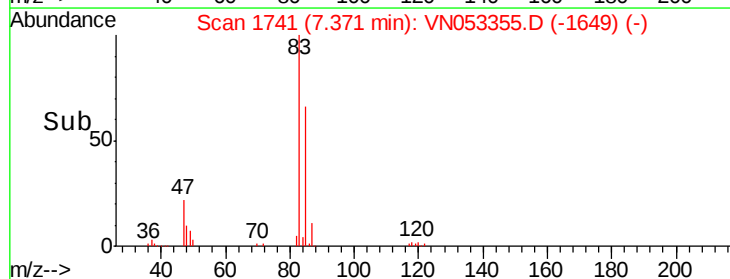
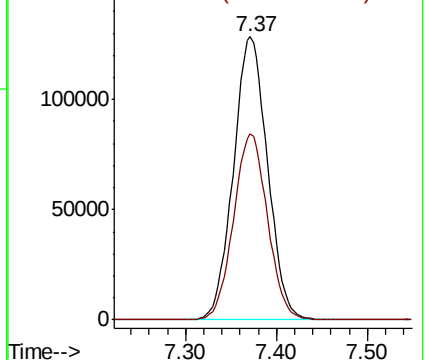
83 100

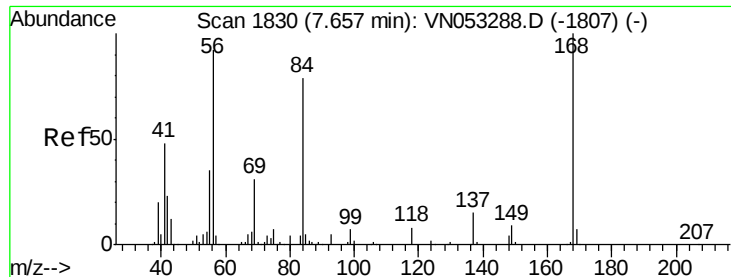
85 65.7 51.3 76.9



Abundance Ion 82.90 (82.60 to 83.60): VN053288.D (-1720) (-)

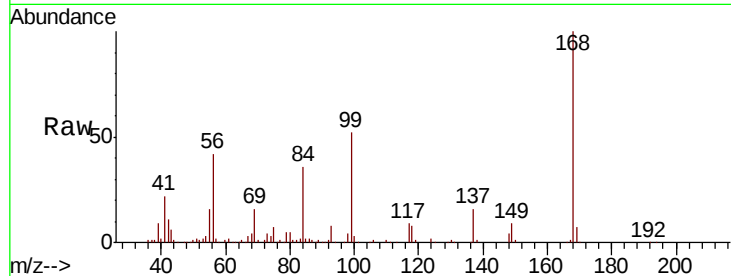
Ion 84.90 (84.60 to 85.60): VN053288.D (-1720) (-)



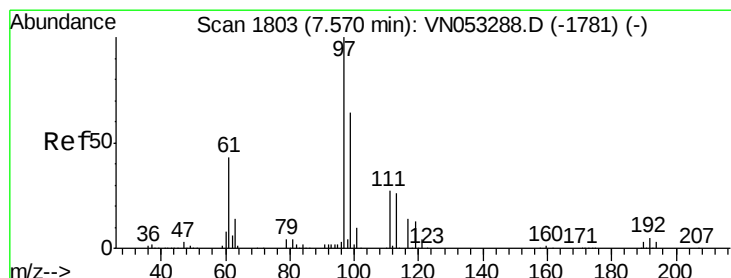
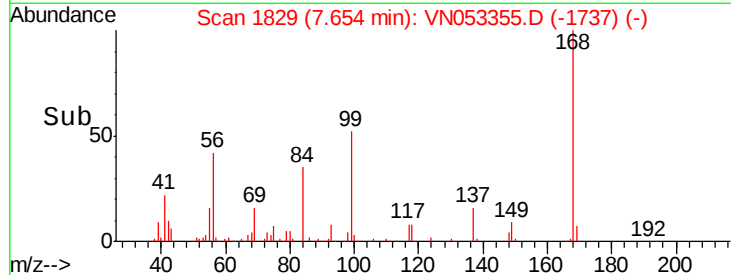
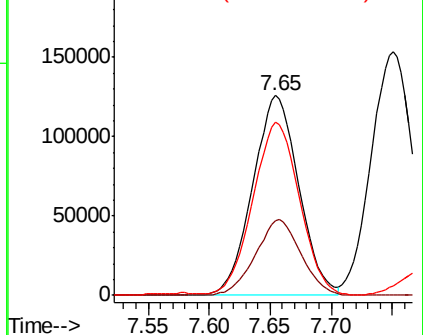


#31
Cyclohexane
Concen: 20.192 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN053355.D
Acq: 11 Jan 2019 10:15

Tgt Ion: 56 Resp: 329973
Ion Ratio Lower Upper
56 100
69 37.7 26.7 40.1
84 85.8 68.2 102.4

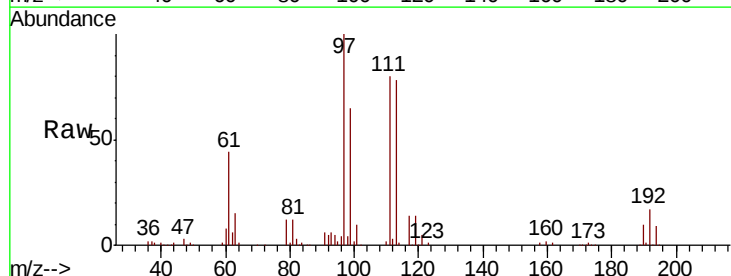


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

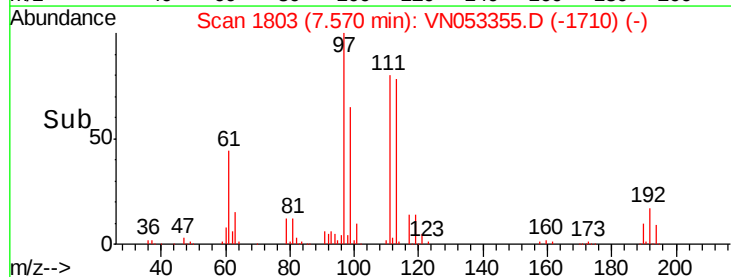
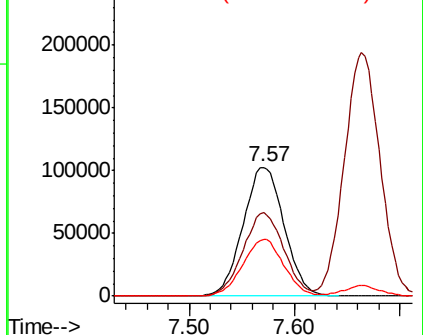


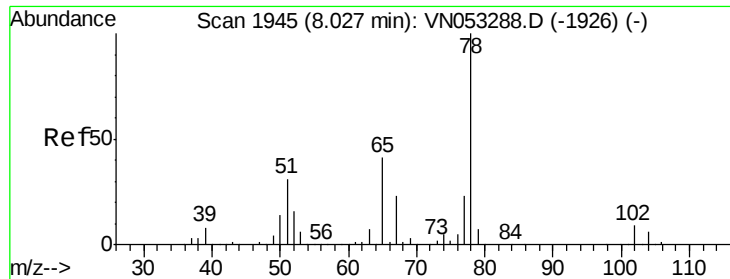
#32
1,1,1-Trichloroethane
Concen: 19.904 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN053355.D
Acq: 11 Jan 2019 10:15

Tgt Ion: 97 Resp: 279134
Ion Ratio Lower Upper
97 100
99 64.4 51.6 77.4
61 43.7 34.6 52.0



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





#33

1,2-Dichloroethane-d4

Concen: 19.904 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053355.D

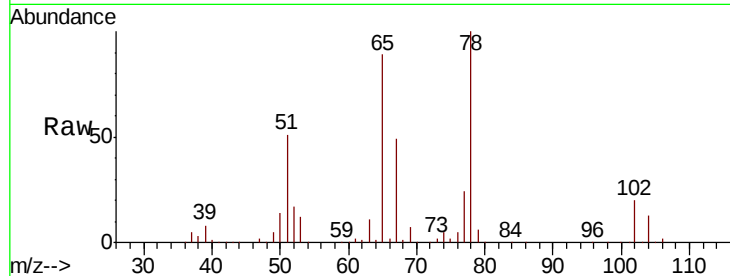
Acq: 11 Jan 2019 10:15

Tgt Ion: 65 Resp: 463495

Ion Ratio Lower Upper

65 100

67 55.0 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VN053288.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN053288.D (-1926) (-)

8.03

200000

150000

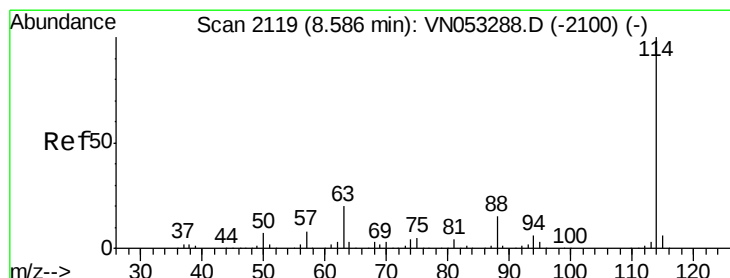
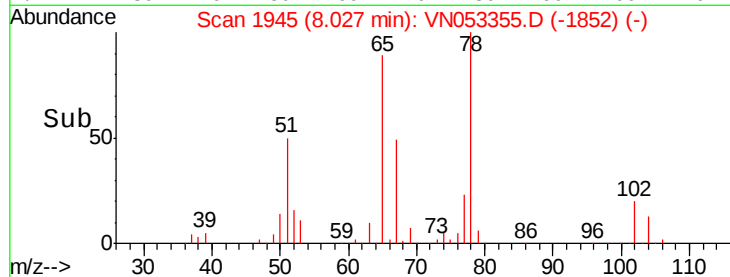
100000

50000

0

Time-->

7.95 8.00 8.05 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN053355.D

Acq: 11 Jan 2019 10:15

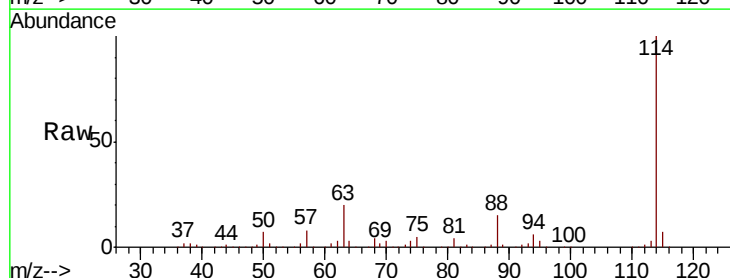
Tgt Ion: 114 Resp: 1362268

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.0

88 15.2 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): VN053288.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN053288.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN053288.D (-2100) (-)

8.58

800000

600000

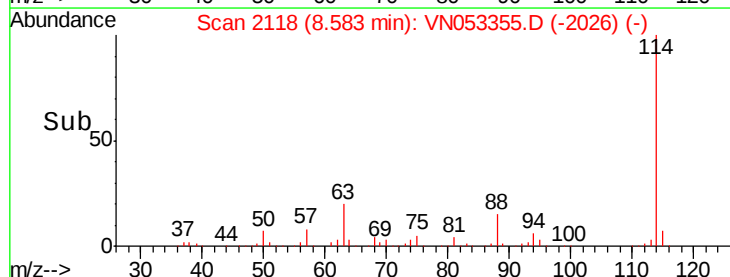
400000

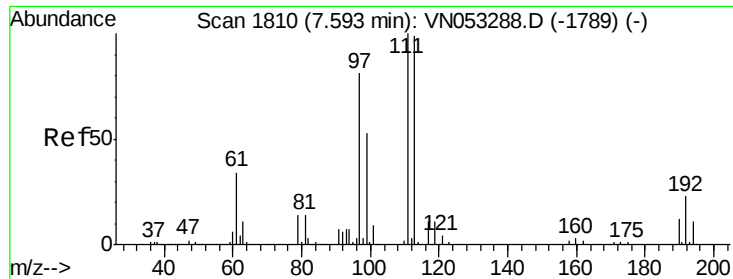
200000

0

Time-->

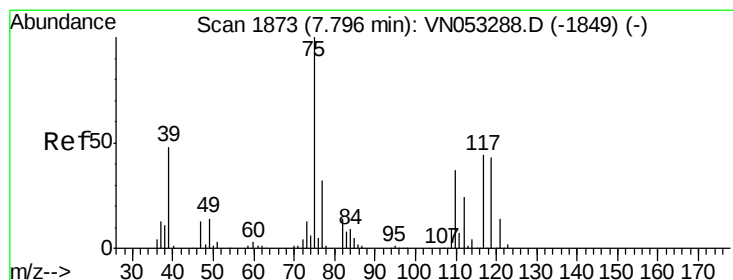
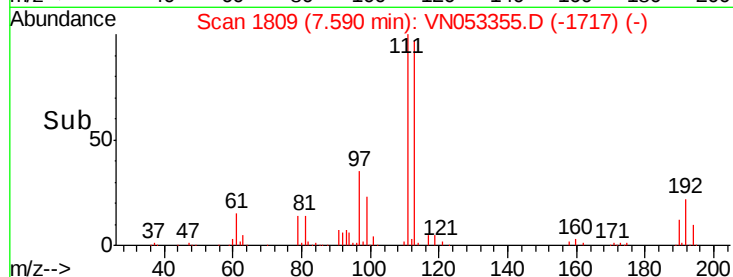
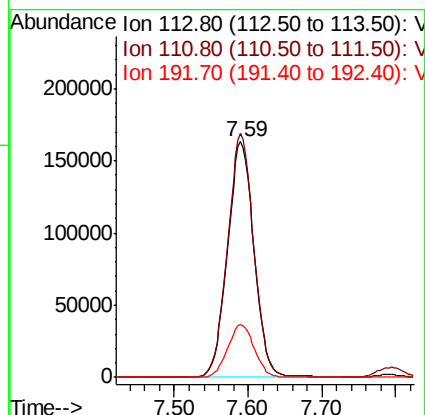
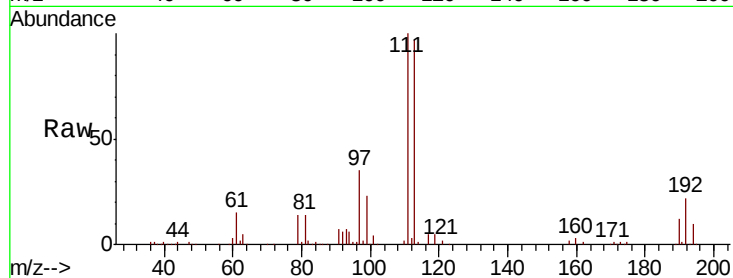
8.50 8.60 8.70





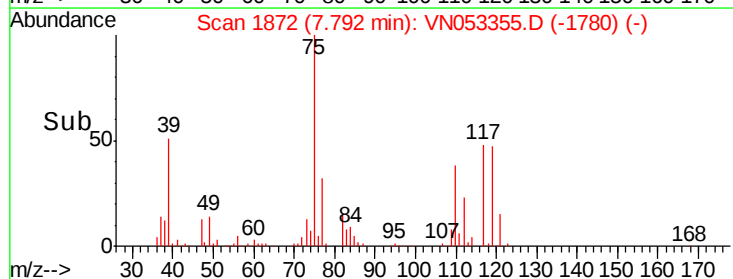
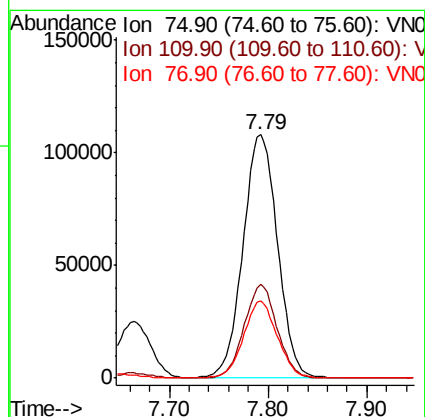
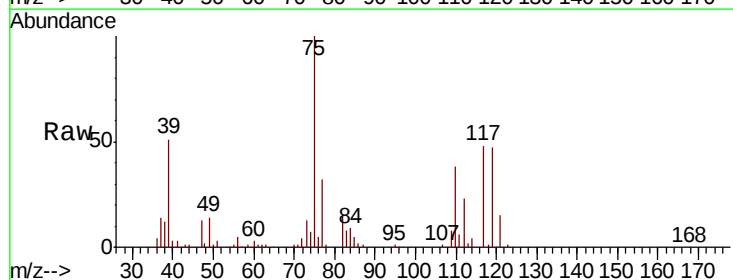
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053355.D
 Acq: 11 Jan 2019 10:15

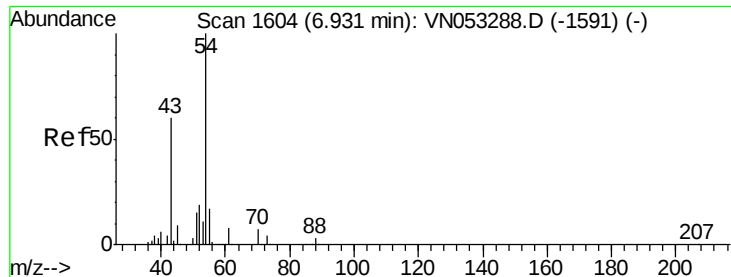
Tgt Ion:	113	Resp:	408441
Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.4	122.2
192	22.4	17.9	26.9



#36
 1,1-Dichloropropene
 Concen: 20.565 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN053355.D
 Acq: 11 Jan 2019 10:15

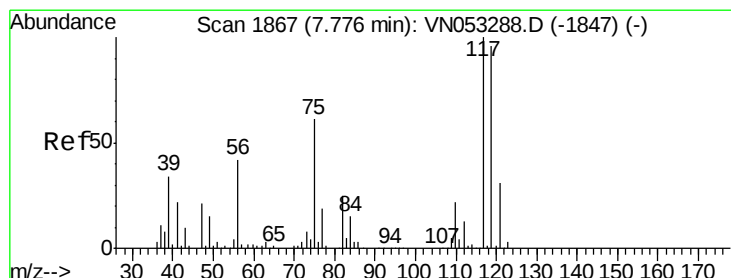
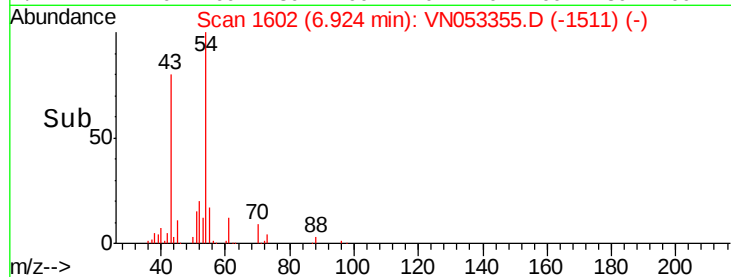
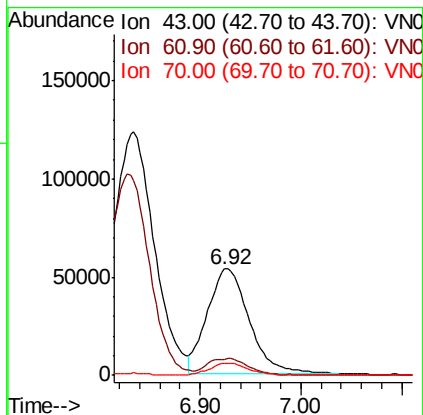
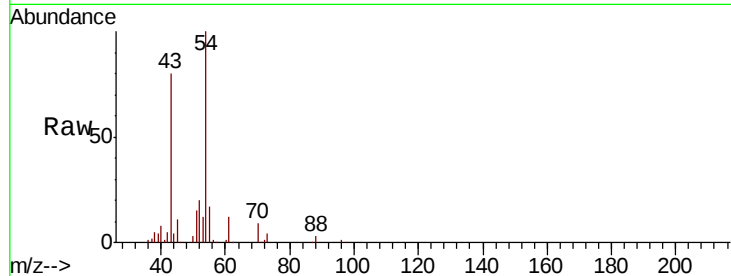
Tgt Ion:	75	Resp:	261540
Ion	Ratio	Lower	Upper
75	100		
110	36.6	18.4	55.0
77	31.0	25.3	37.9





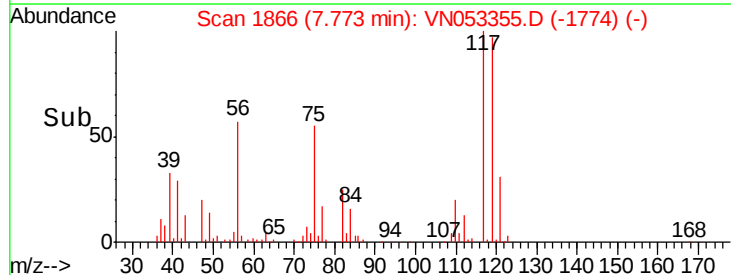
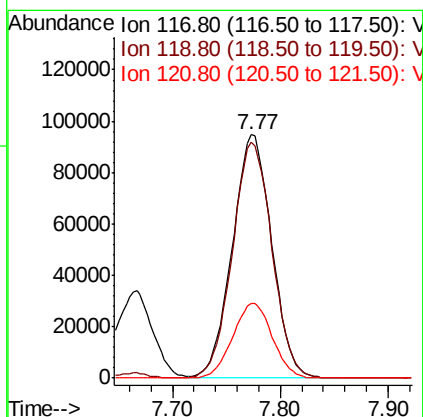
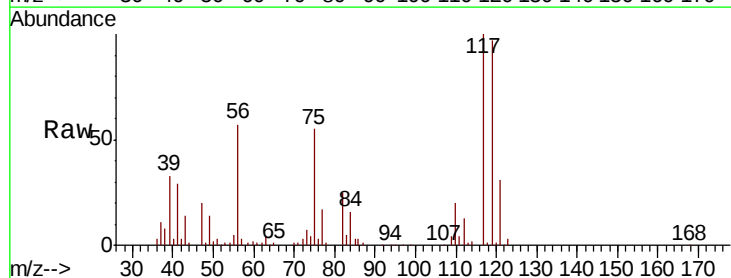
#37
Ethyl Acetate
Concen: 18.732 ug/l
RT: 6.92 min Scan# 1602
Delta R.T. -0.01 min
Lab File: VN053355.D
Acq: 11 Jan 2019 10:15

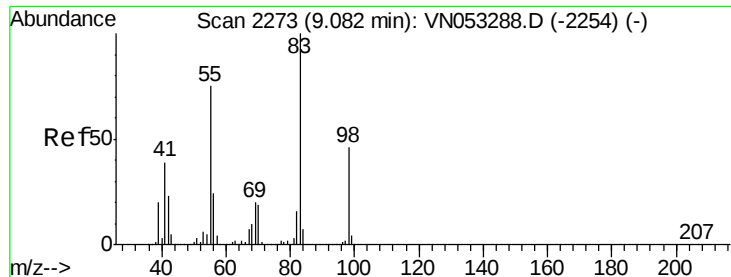
Tgt Ion: 43 Resp: 155173
Ion Ratio Lower Upper
43 100
61 14.5 11.9 17.9
70 10.9 8.6 13.0



#38
Carbon Tetrachloride
Concen: 20.527 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN053355.D
Acq: 11 Jan 2019 10:15

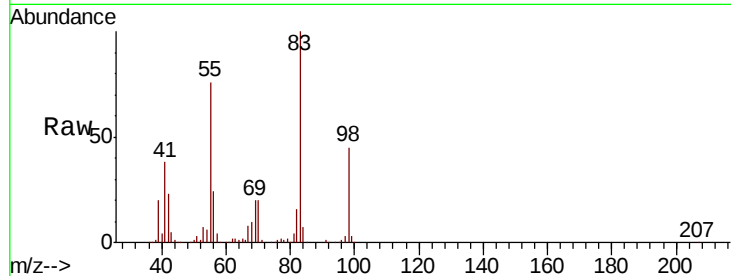
Tgt Ion: 117 Resp: 240956
Ion Ratio Lower Upper
117 100
119 96.5 76.6 115.0
121 30.6 25.0 37.4



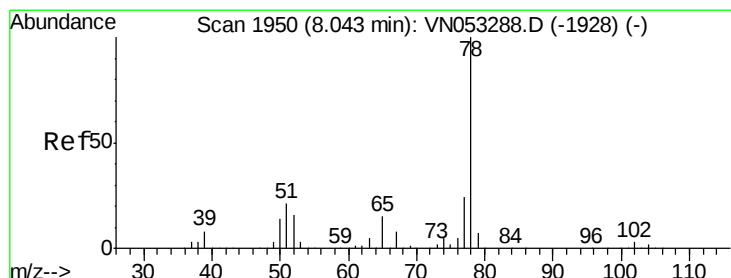
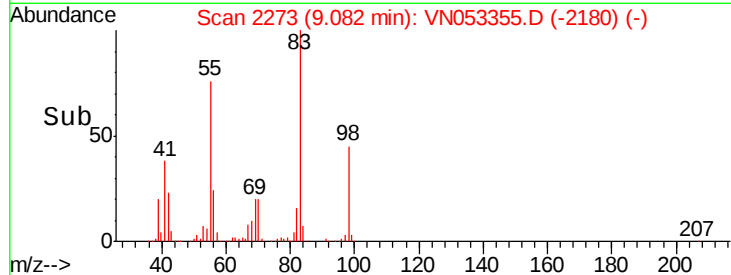
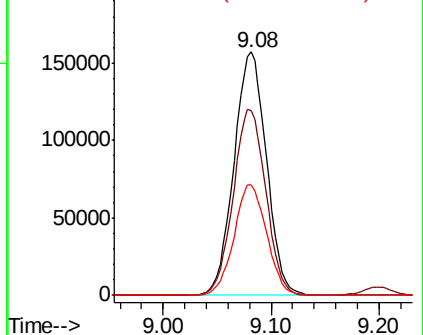


#39
Methylcyclohexane
Concen: 22.351 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053355.D
Acq: 11 Jan 2019 10:15

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.0	60.1	90.1
98	45.1	36.7	55.1

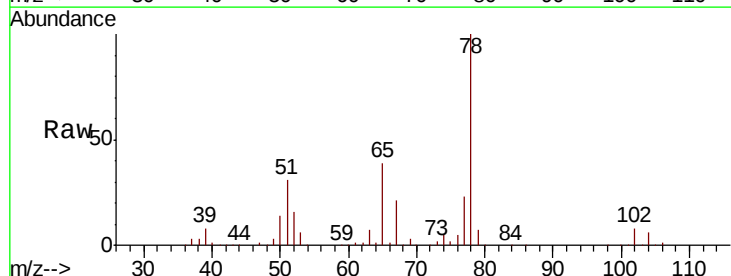


Abundance Ion 83.00 (82.70 to 83.70): VN053355.D (-2180) (-)

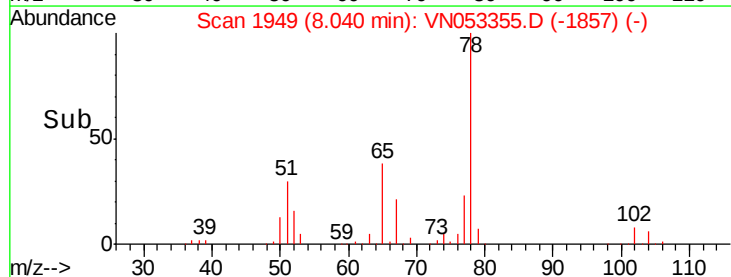
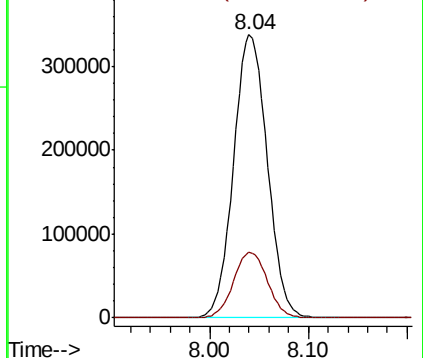


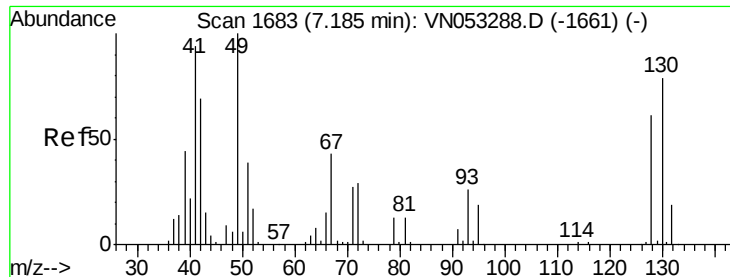
#40
Benzene
Concen: 20.683 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN053355.D
Acq: 11 Jan 2019 10:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.0	28.4



Abundance Ion 78.00 (77.70 to 78.70): VN053355.D (-1857) (-)





#41

Methacrylonitrile

Concen: 16.764 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. -0.02 min

Lab File: VN053355.D

Acq: 11 Jan 2019 10:15

Tgt Ion: 41 Resp: 86213

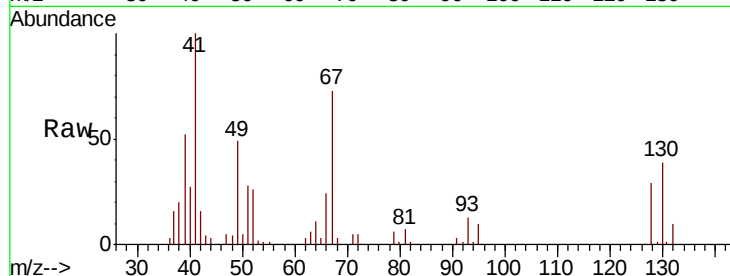
Ion Ratio Lower Upper

41 100

39 57.5 0.0 0.0#

67 85.5 0.0 0.0#

52 33.7 0.0 0.0#

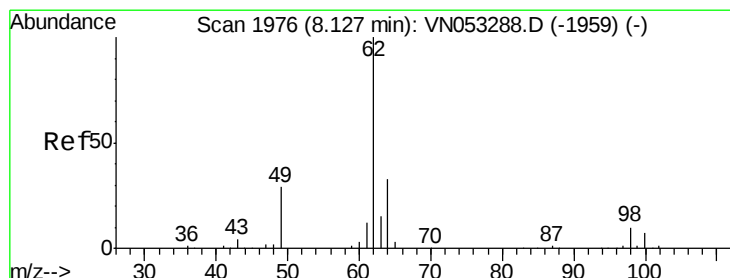
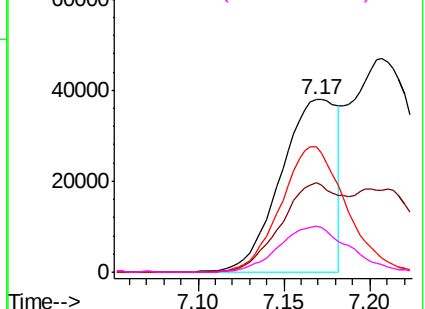
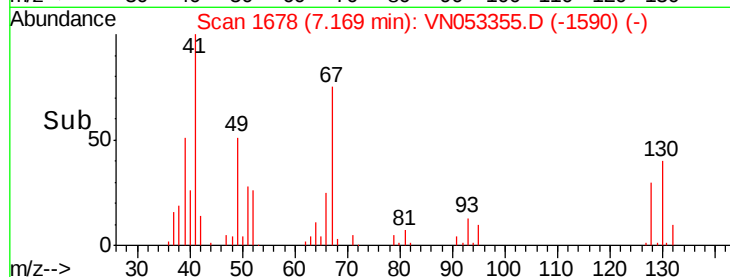


Abundance Ion 41.00 (40.70 to 41.70): VN053355.D (-1590) (-)

Ion 39.00 (38.70 to 39.70): VN053355.D (-1590) (-)

Ion 67.00 (66.70 to 67.70): VN053355.D (-1590) (-)

Ion 52.00 (51.70 to 52.70): VN053355.D (-1590) (-)



#42

1,2-Dichloroethane

Concen: 20.041 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN053355.D

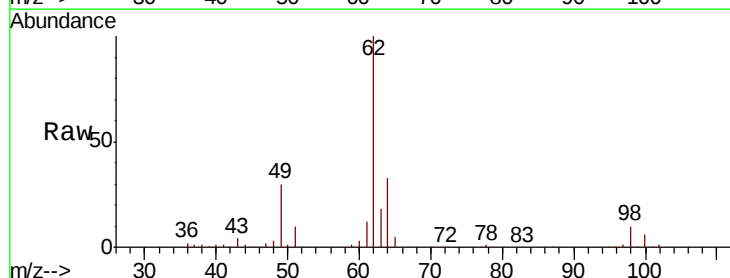
Acq: 11 Jan 2019 10:15

Tgt Ion: 62 Resp: 230933

Ion Ratio Lower Upper

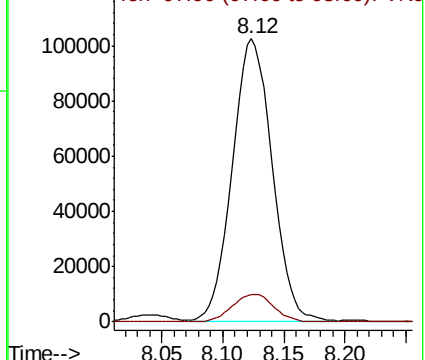
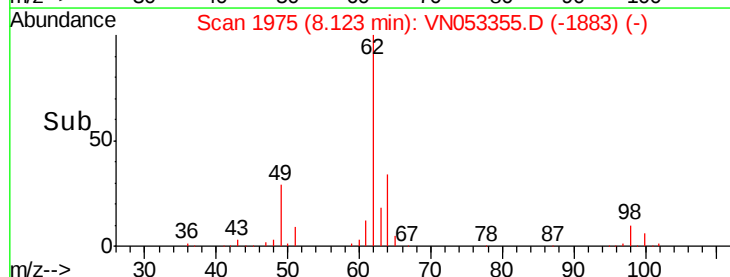
62 100

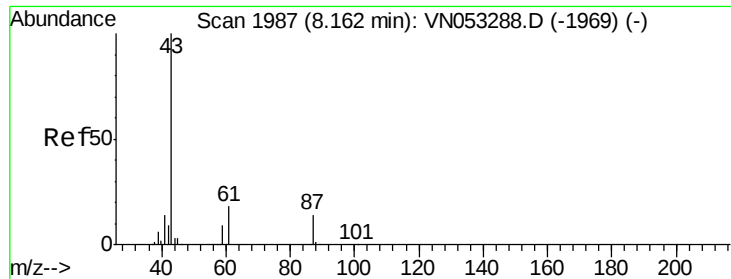
98 10.2 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VN053355.D (-1883) (-)

Ion 97.90 (97.60 to 98.60): VN053355.D (-1883) (-)





#43

Isopropyl Acetate

Concen: 17.308 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN053355.D

Acq: 11 Jan 2019 10:15

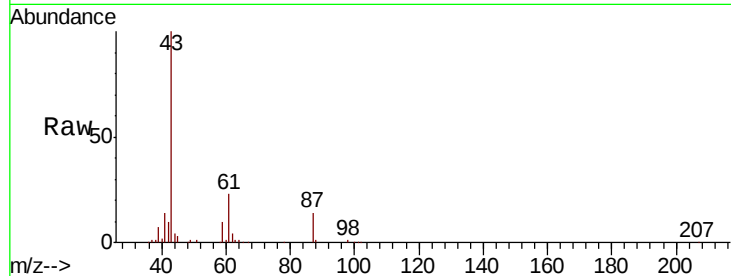
Tgt Ion: 43 Resp: 282054

Ion Ratio Lower Upper

43 100

61 29.5 23.3 34.9

87 13.5 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VN053288.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN053288.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN053288.D (-1969) (-)

8.16

150000

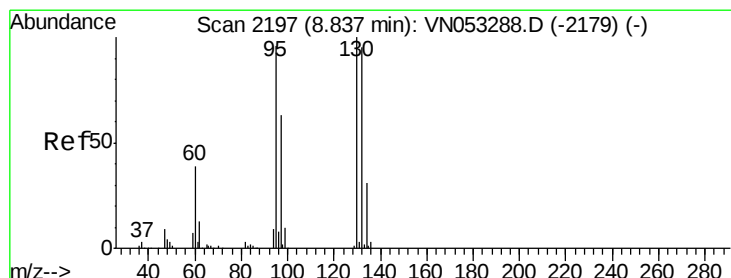
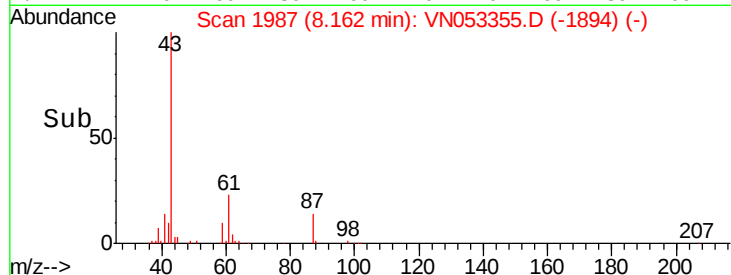
100000

50000

0

Time-->

8.05 8.10 8.15 8.20 8.25



#44

Trichloroethene

Concen: 20.711 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN053355.D

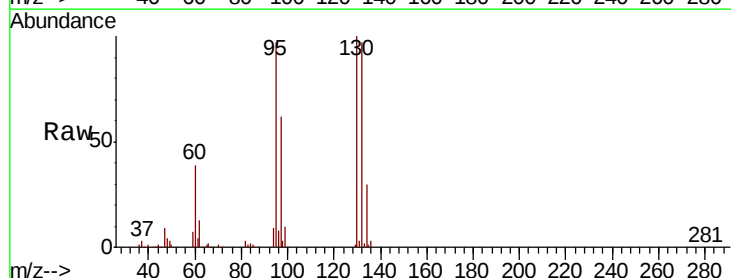
Acq: 11 Jan 2019 10:15

Tgt Ion: 130 Resp: 220929

Ion Ratio Lower Upper

130 100

95 96.9 0.0 191.8



Abundance Ion 129.80 (129.50 to 130.50): VN053288.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN053288.D (-2179) (-)

8.83

120000

100000

80000

60000

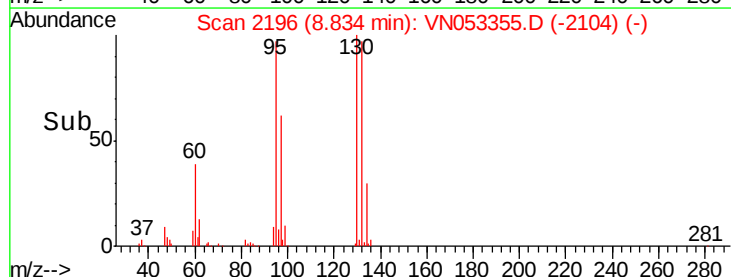
40000

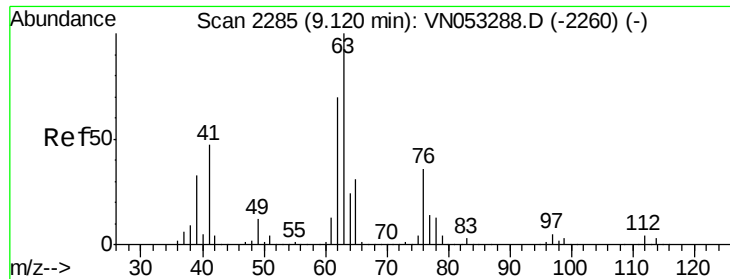
20000

0

Time-->

8.80 8.90





#45

1,2-Dichloropropane

Concen: 20.799 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN053355.D

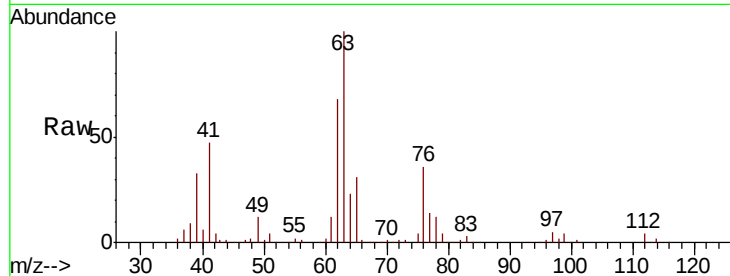
Acq: 11 Jan 2019 10:15

Tgt Ion: 63 Resp: 211922

Ion Ratio Lower Upper

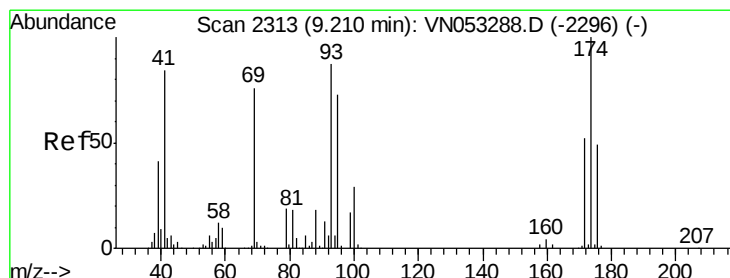
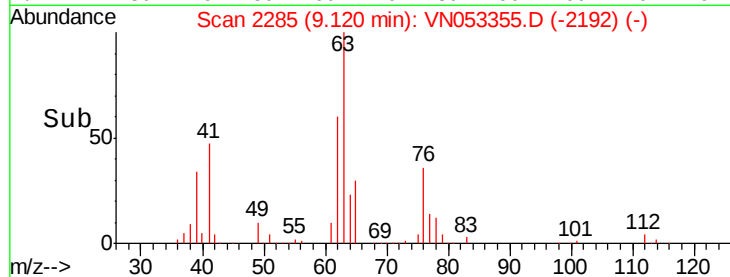
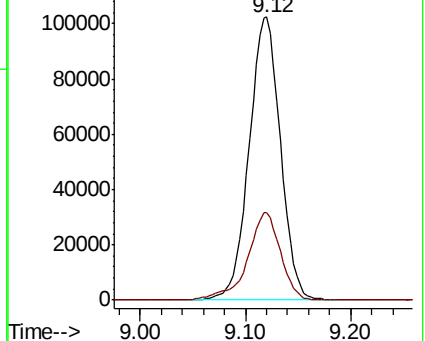
63 100

65 31.1 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: 20.431 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN053355.D

Acq: 11 Jan 2019 10:15

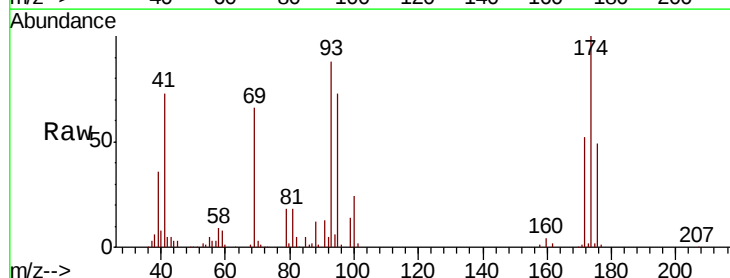
Tgt Ion: 93 Resp: 121376

Ion Ratio Lower Upper

93 100

95 83.2 66.6 100.0

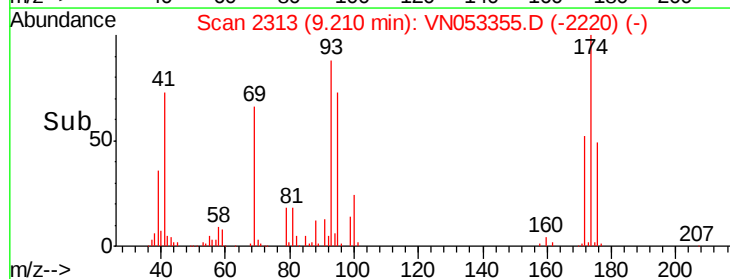
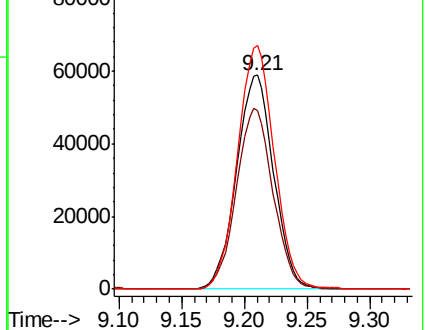
174 113.0 91.4 137.0

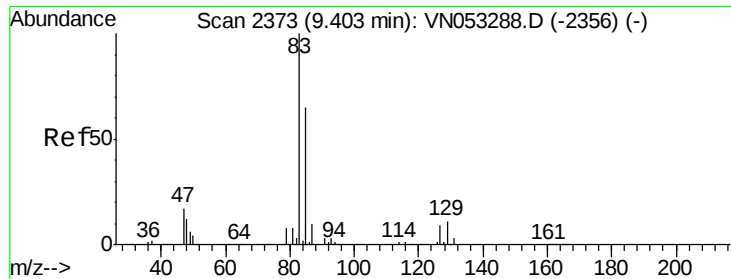


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.492 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN053355.D

Acq: 11 Jan 2019 10:15

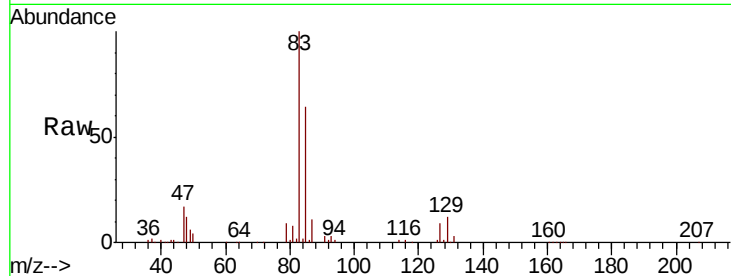
Tgt Ion: 83 Resp: 253691

Ion Ratio Lower Upper

83 100

85 64.5 51.7 77.5

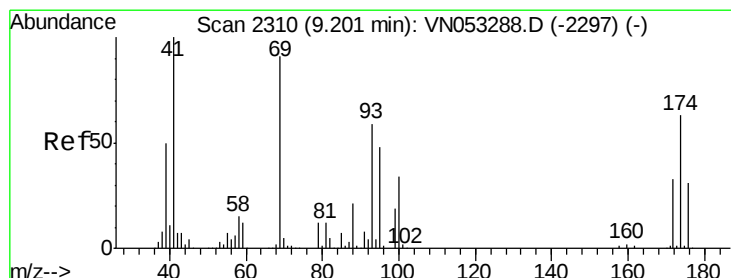
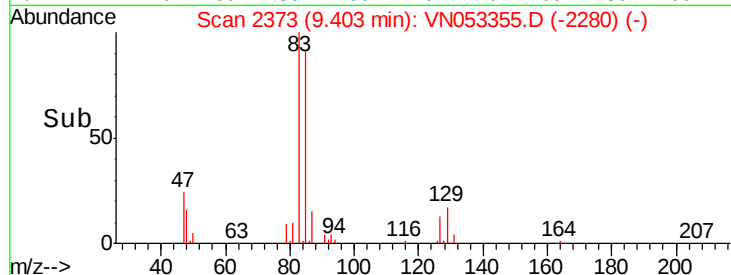
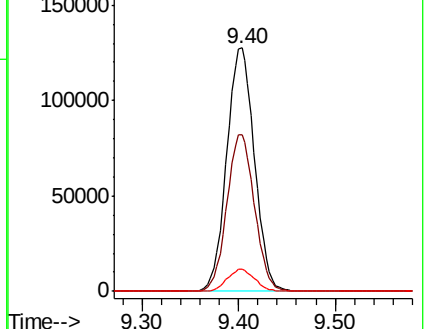
127 9.3 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 19.240 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN053355.D

Acq: 11 Jan 2019 10:15

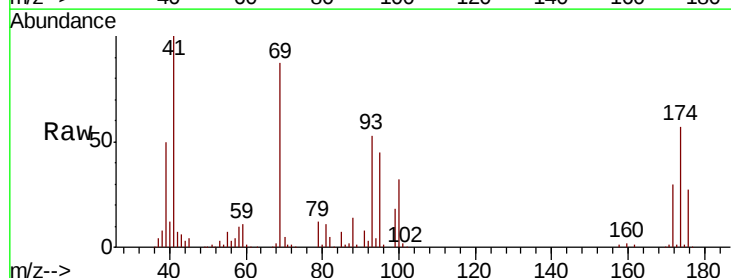
Tgt Ion: 41 Resp: 142449

Ion Ratio Lower Upper

41 100

69 92.6 73.5 110.3

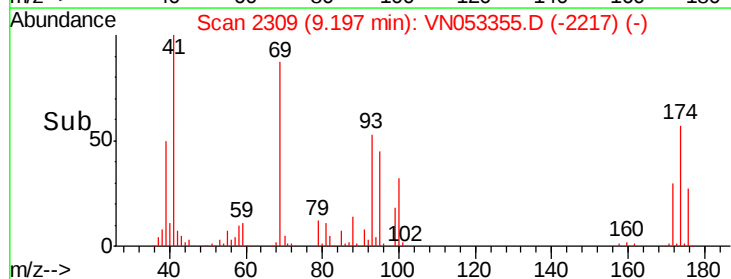
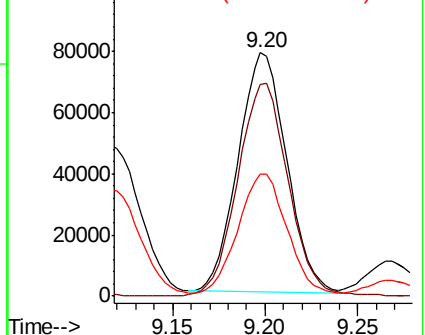
39 52.0 41.6 62.4

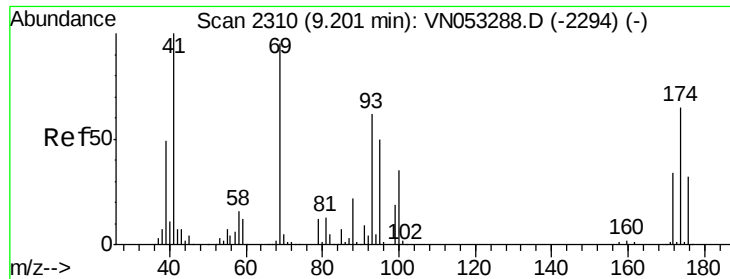


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 302.143 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN053355.D

Acq: 11 Jan 2019 10:15

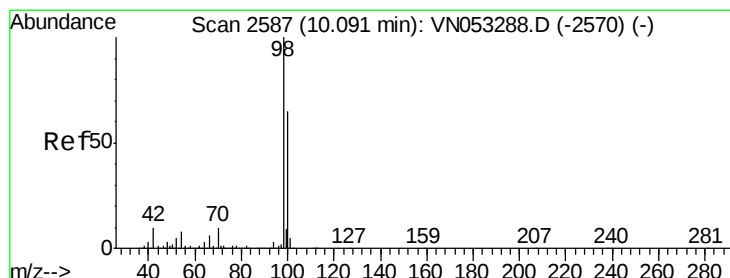
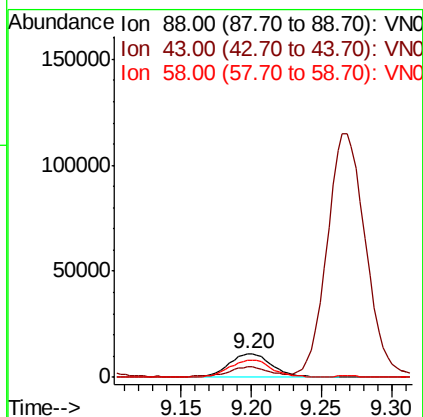
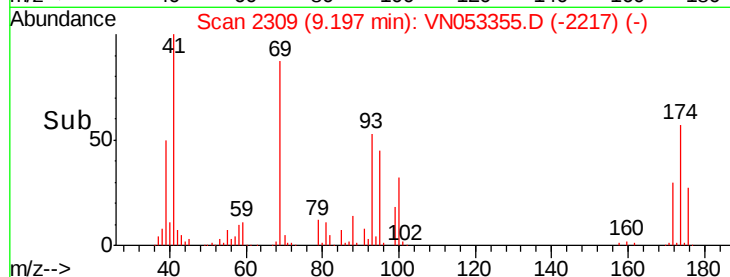
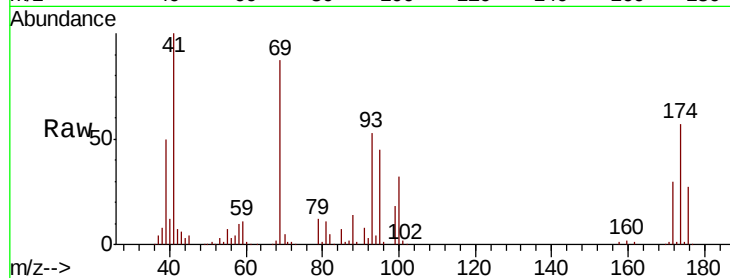
Tgt Ion: 88 Resp: 23833

Ion Ratio Lower Upper

88 100

43 38.0 26.2 39.4

58 73.2 55.5 83.3



#50

Toluene-d8

Concen: 302.143 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053355.D

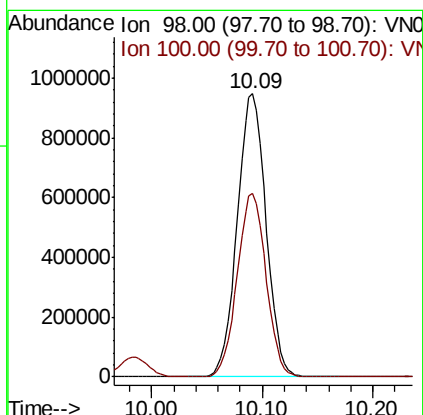
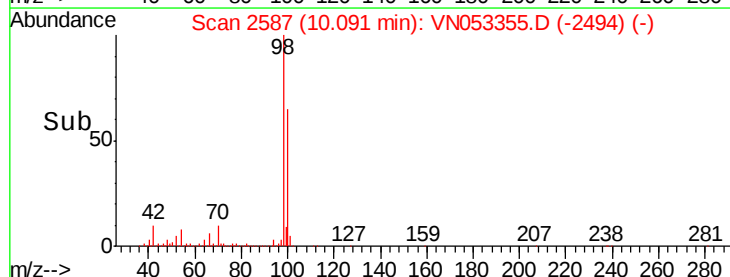
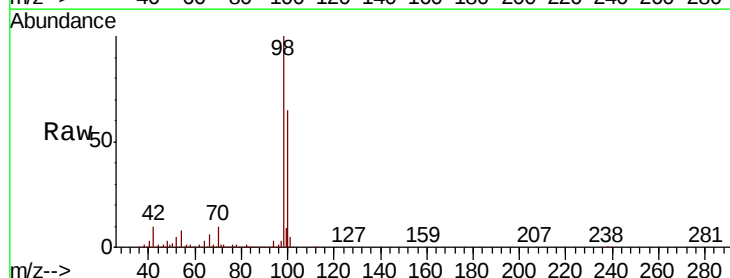
Acq: 11 Jan 2019 10:15

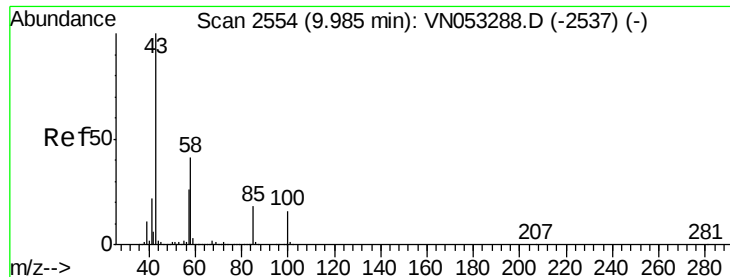
Tgt Ion: 98 Resp: 1714579

Ion Ratio Lower Upper

98 100

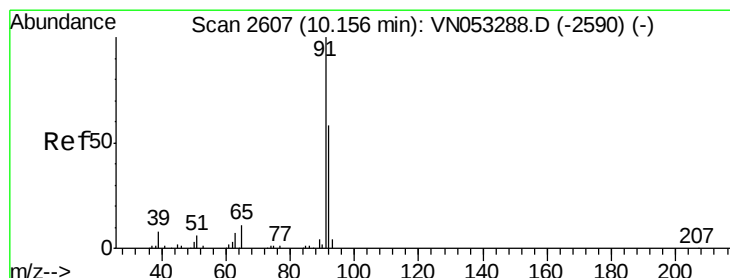
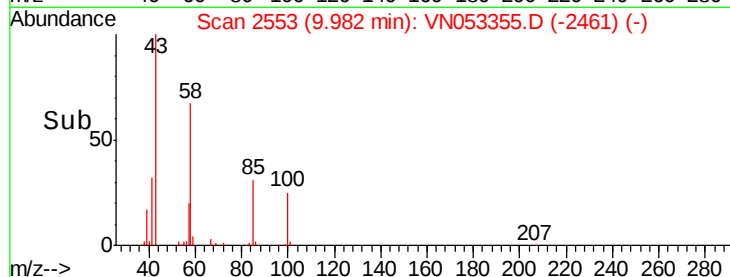
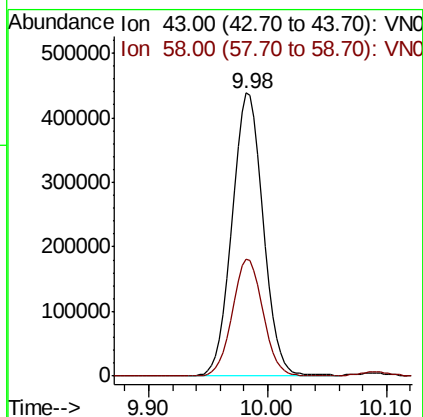
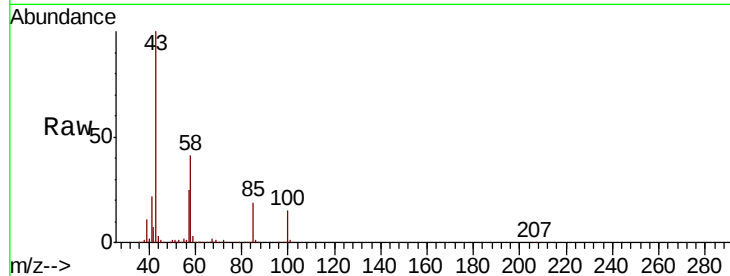
100 64.7 51.5 77.3





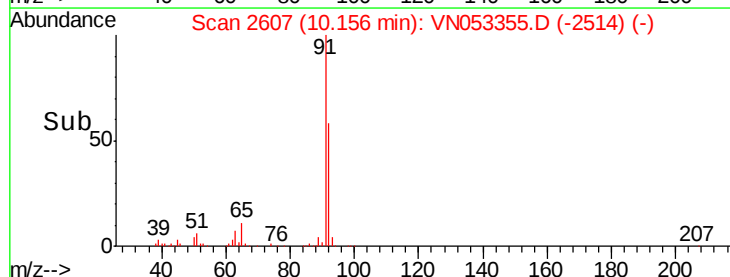
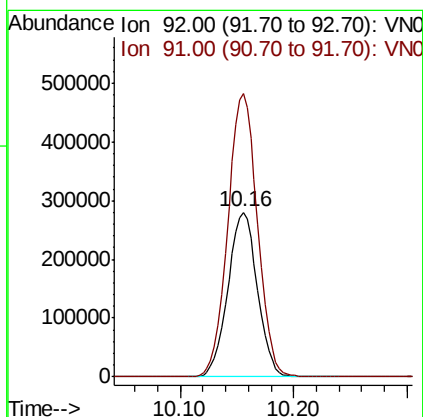
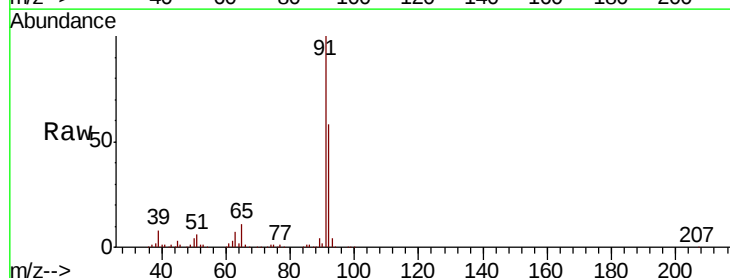
#51
 4-Methyl-2-Pentanone
 Concen: 96.926 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. -0.00 min
 Lab File: VN053355.D
 Acq: 11 Jan 2019 10:15

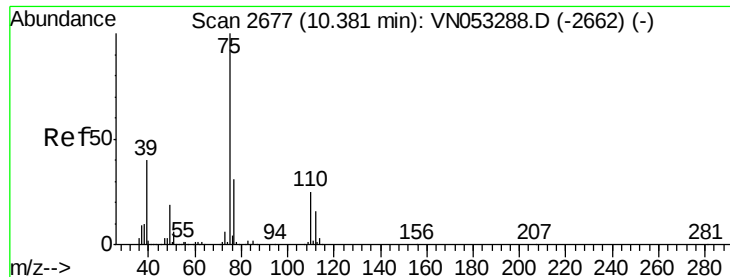
Tgt Ion: 43 Resp: 794317
 Ion Ratio Lower Upper
 43 100
 58 41.0 32.7 49.1



#52
 Toluene
 Concen: 21.184 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN053355.D
 Acq: 11 Jan 2019 10:15

Tgt Ion: 92 Resp: 504868
 Ion Ratio Lower Upper
 92 100
 91 173.6 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 20.523 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN053355.D

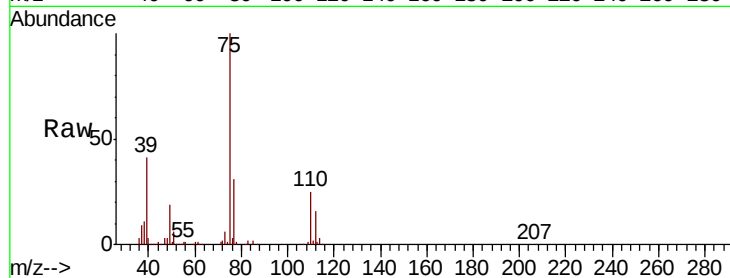
Acq: 11 Jan 2019 10:15

Tgt Ion: 75 Resp: 259923

Ion Ratio Lower Upper

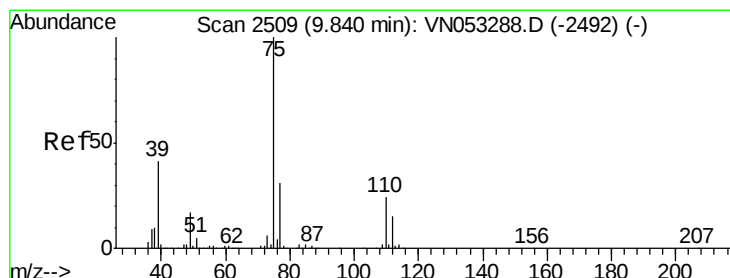
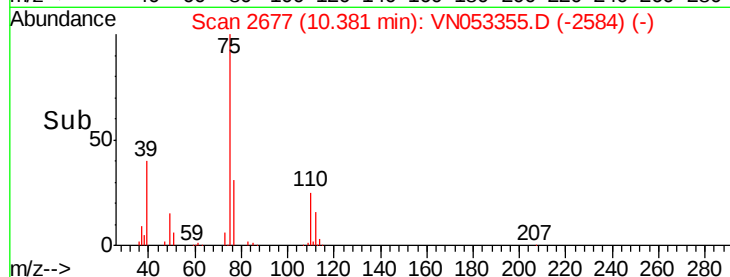
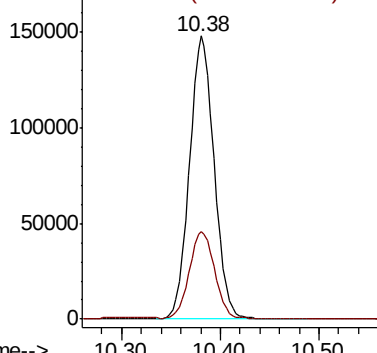
75 100

77 30.9 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 20.937 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN053355.D

Acq: 11 Jan 2019 10:15

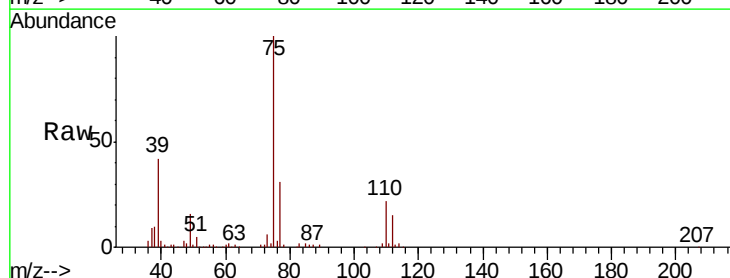
Tgt Ion: 75 Resp: 306415

Ion Ratio Lower Upper

75 100

77 31.1 25.1 37.7

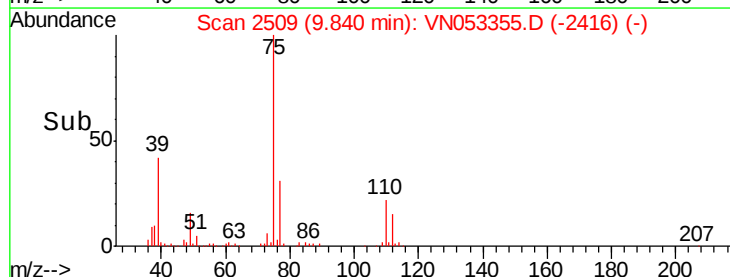
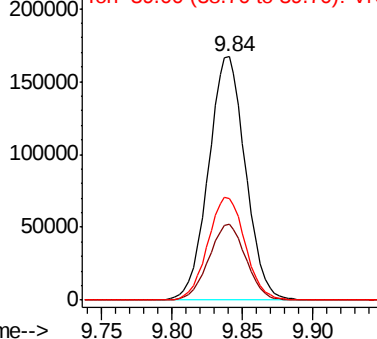
39 41.9 33.1 49.7

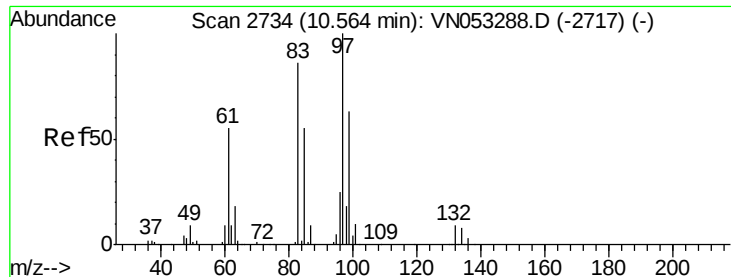


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

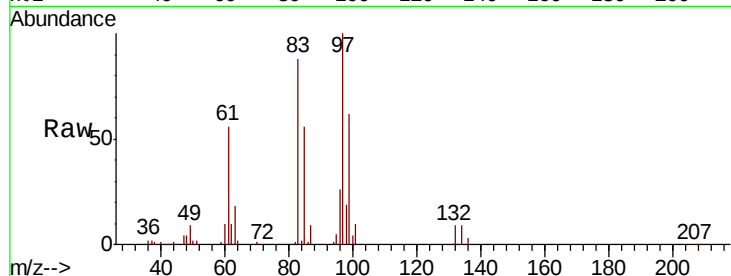
Ion 39.00 (38.70 to 39.70): VN0



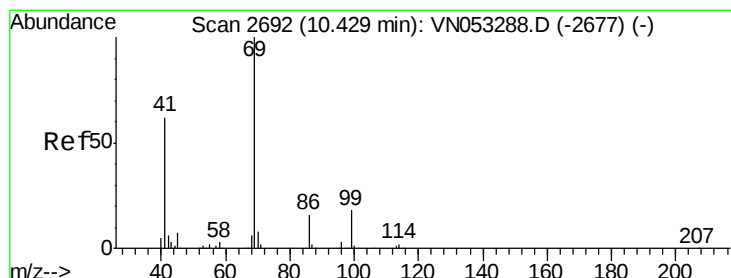
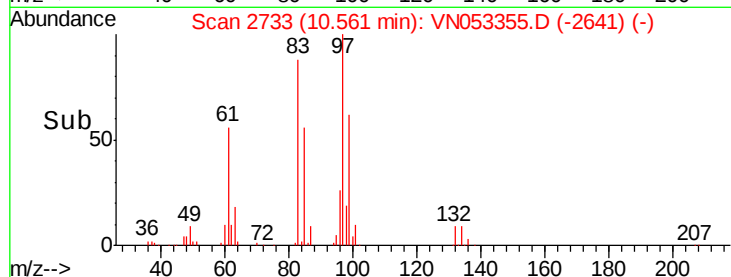
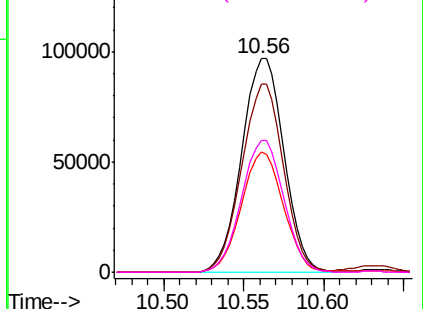


#55
 1,1,2-Trichloroethane
 Concen: 20.022 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN053355.D
 Acq: 11 Jan 2019 10:15

Tgt Ion:	97	Resp:	175461
Ion	Ratio	Lower	Upper
97	100		
83	88.3	69.1	103.7
85	56.1	44.2	66.4
99	61.9	50.3	75.5

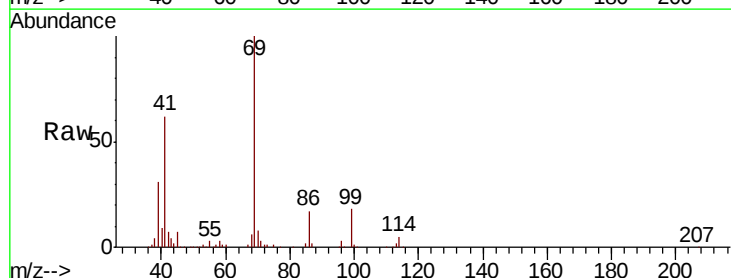


Abundance Ion 96.90 (96.60 to 97.60): VNO
 150000 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

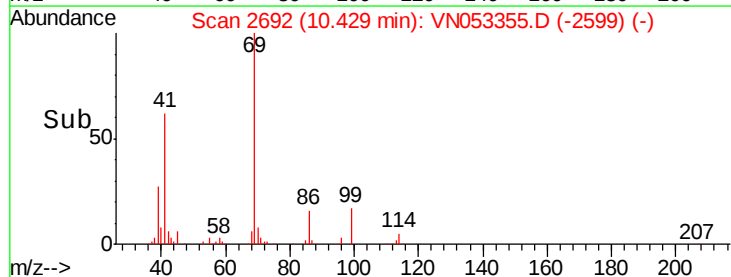
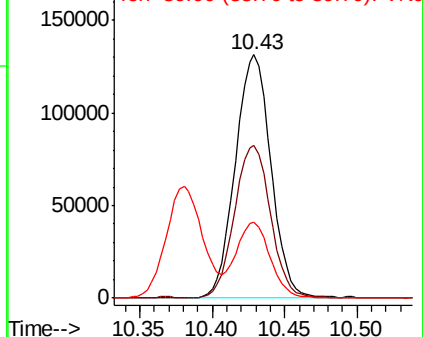


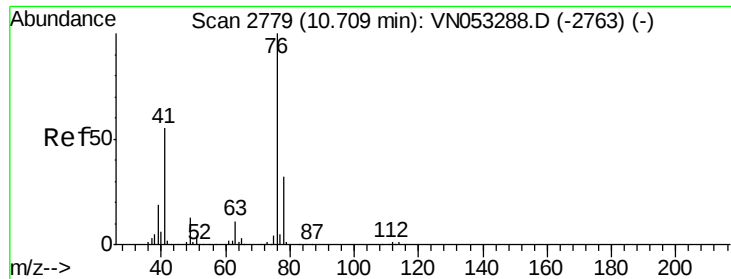
#56
 Ethyl methacrylate
 Concen: 19.713 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN053355.D
 Acq: 11 Jan 2019 10:15

Tgt Ion:	69	Resp:	224495
Ion	Ratio	Lower	Upper
69	100		
41	62.6	49.2	73.8
39	29.8	23.4	35.0



Abundance Ion 69.00 (68.70 to 69.70): VNO
 150000 Ion 41.00 (40.70 to 41.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 20.537 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN053355.D

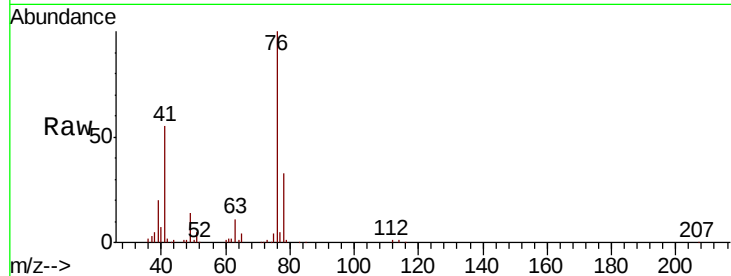
Acq: 11 Jan 2019 10:15

Tgt Ion: 76 Resp: 300958

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

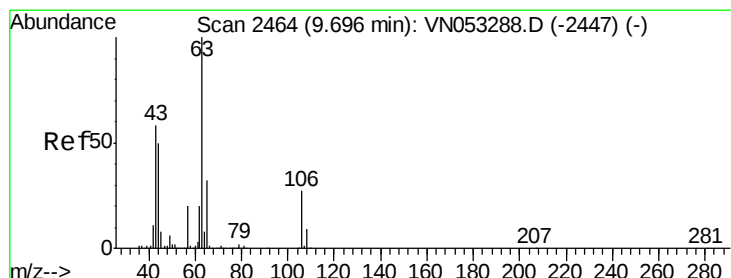
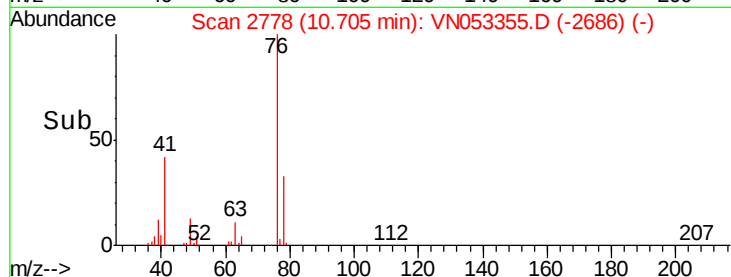
150000

100000

50000

0

Time--> 10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 99.499 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN053355.D

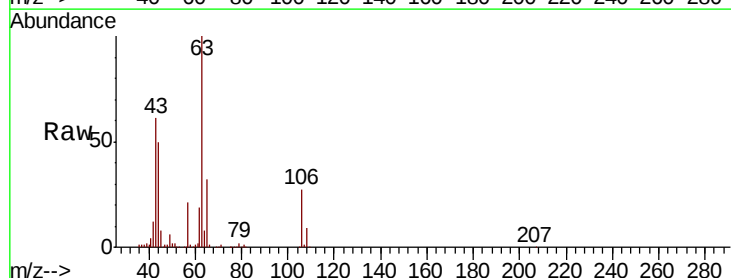
Acq: 11 Jan 2019 10:15

Tgt Ion: 63 Resp: 612576

Ion Ratio Lower Upper

63 100

106 27.2 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.69

400000

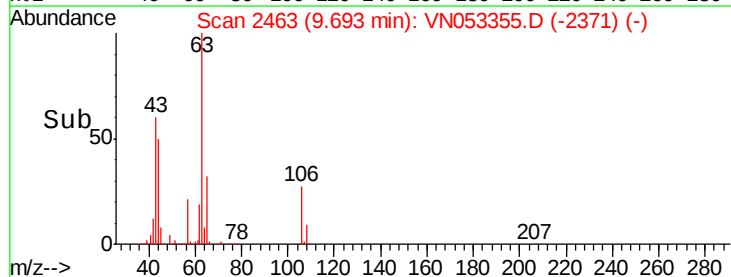
300000

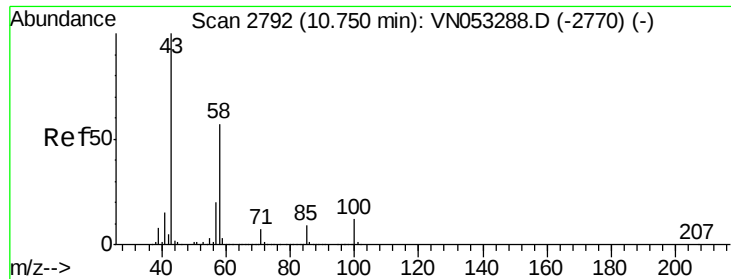
200000

100000

0

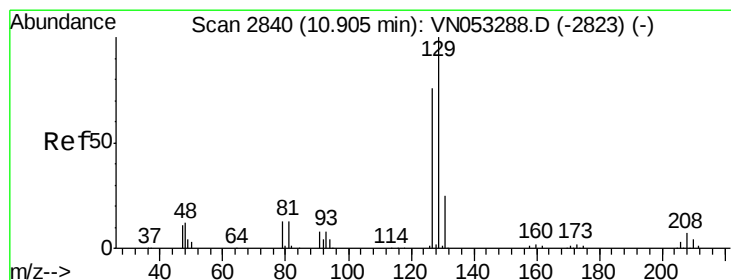
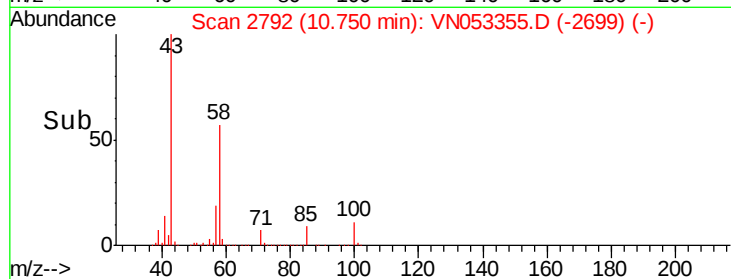
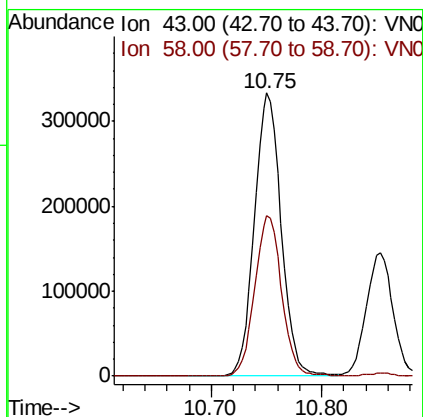
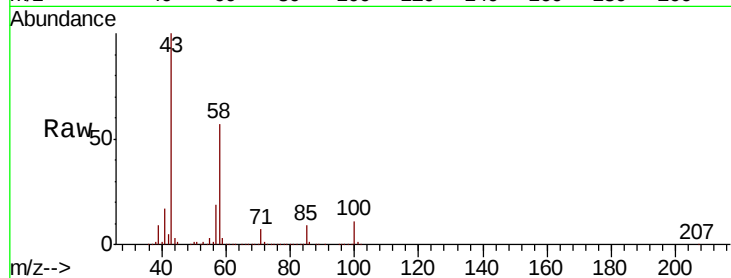
Time--> 9.60 9.65 9.70 9.75 9.80





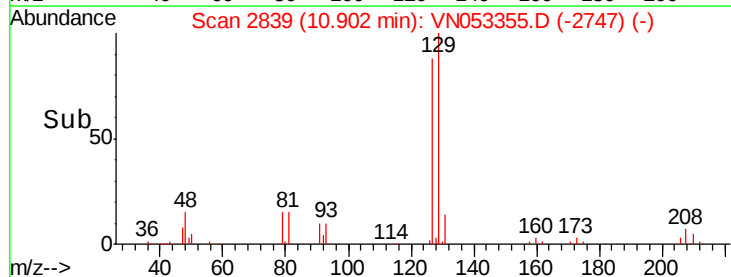
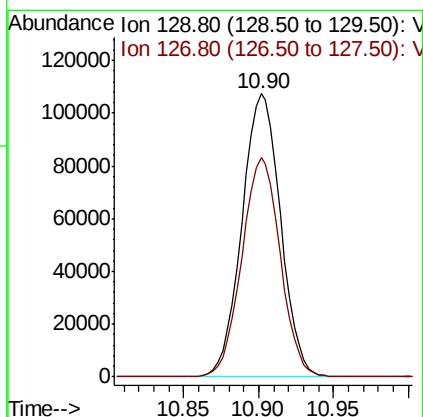
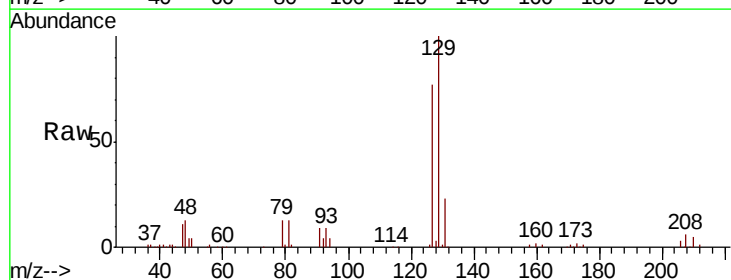
#59
2-Hexanone
Concen: 99.712 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN053355.D
Acq: 11 Jan 2019 10:15

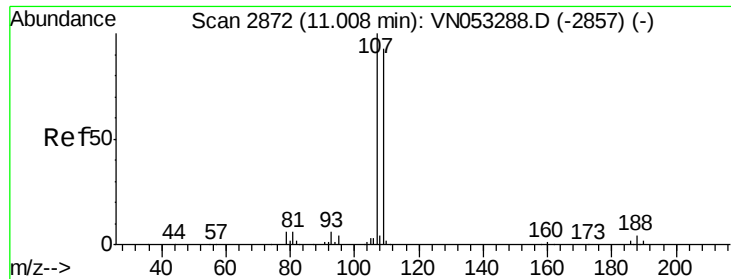
Tgt Ion: 43 Resp: 559877
Ion Ratio Lower Upper
43 100
58 57.1 28.3 85.0



#60
Dibromochloromethane
Concen: 20.434 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN053355.D
Acq: 11 Jan 2019 10:15

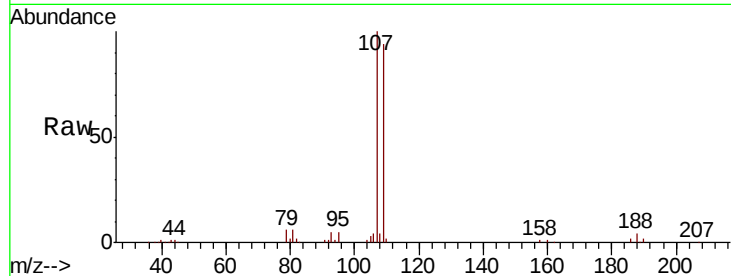
Tgt Ion: 129 Resp: 193136
Ion Ratio Lower Upper
129 100
127 77.1 38.4 115.2



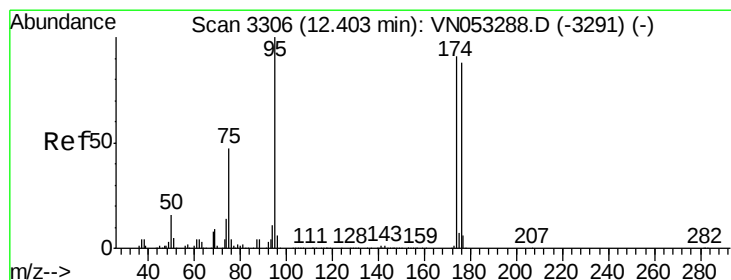
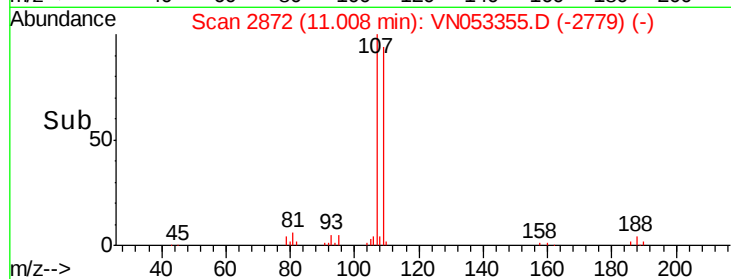
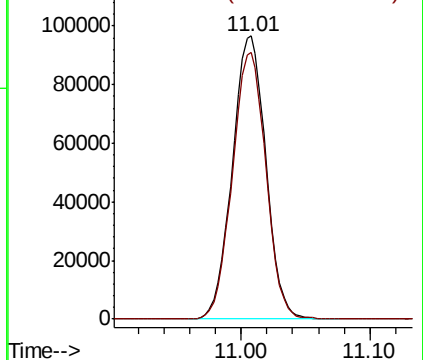


#61
1,2-Dibromoethane
Concen: 20.133 ug/l
RT: 11.01 min Scan# 2872
Delta R.T. 0.00 min
Lab File: VN053355.D
Acq: 11 Jan 2019 10:15

Tgt Ion: 107 Resp: 174104
Ion Ratio Lower Upper
107 100
109 94.4 75.0 112.6

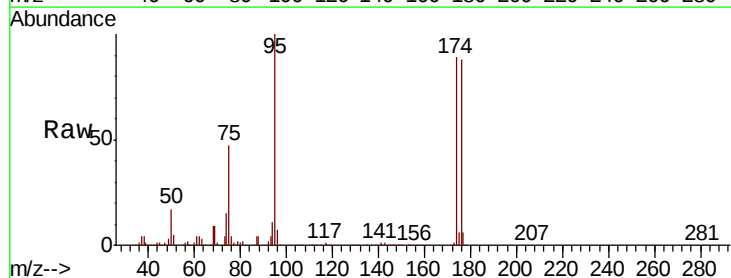


Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V

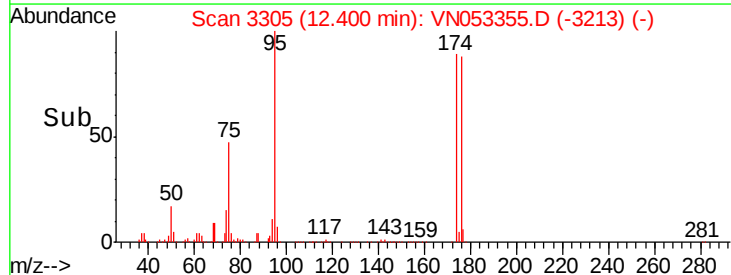
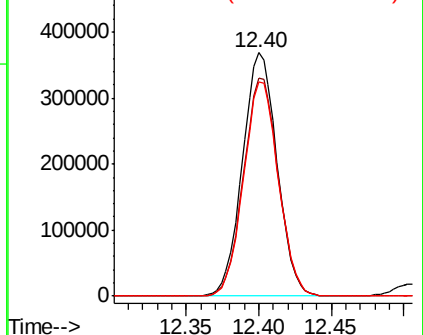


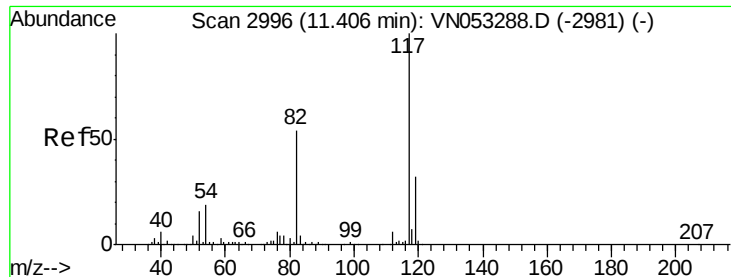
#62
4-Bromofluorobenzene
Concen: 20.133 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053355.D
Acq: 11 Jan 2019 10:15

Tgt Ion: 95 Resp: 612079
Ion Ratio Lower Upper
95 100
174 90.4 0.0 180.4
176 88.6 0.0 175.6



Abundance Ion 94.90 (94.60 to 95.60): V
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

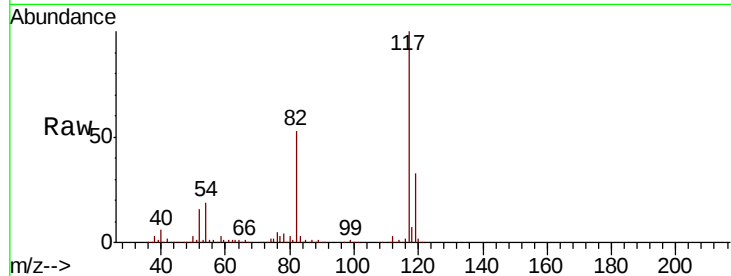




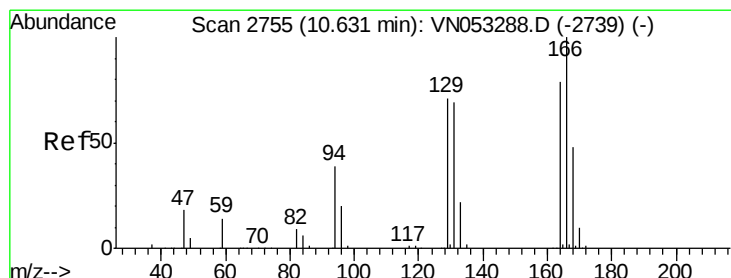
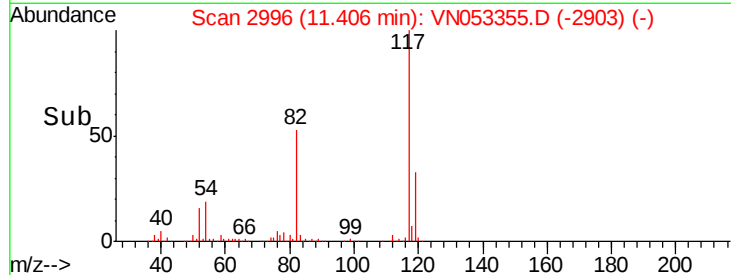
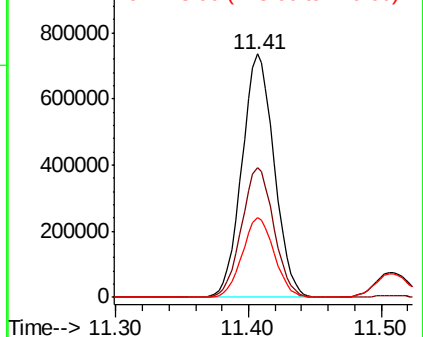
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053355.D
Acq: 11 Jan 2019 10:15

Tgt Ion:117 Resp: 1240464

Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.9	64.3
119	32.7	25.6	38.4



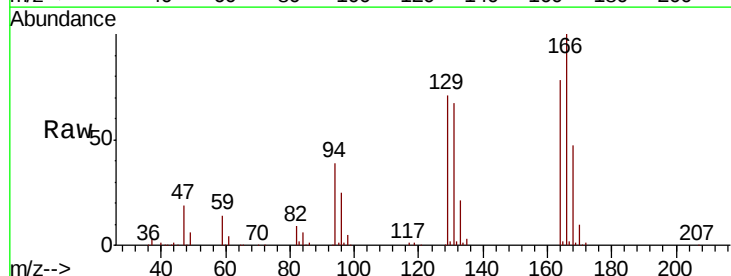
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



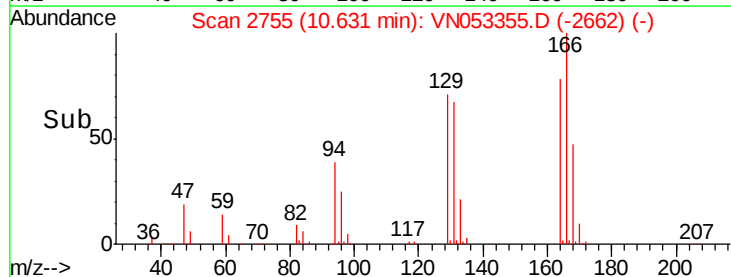
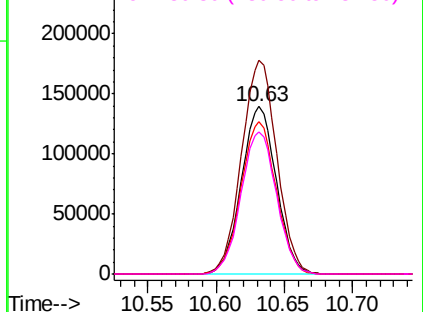
#64
Tetrachloroethene
Concen: 21.297 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN053355.D
Acq: 11 Jan 2019 10:15

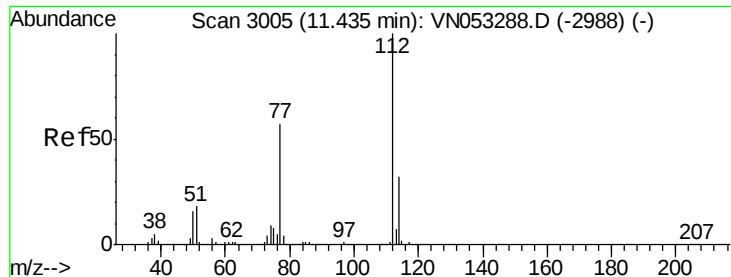
Tgt Ion:164 Resp: 248652

Ion	Ratio	Lower	Upper
164	100		
166	127.6	101.7	152.5
129	90.7	72.1	108.1
131	85.0	69.9	104.9



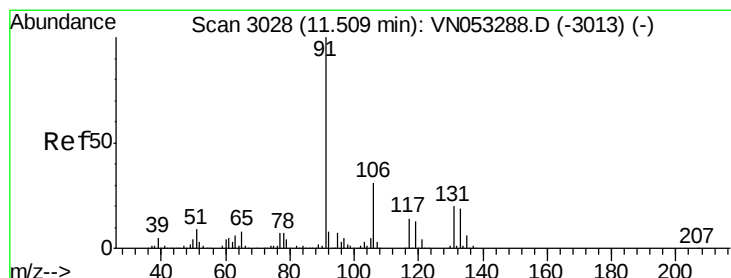
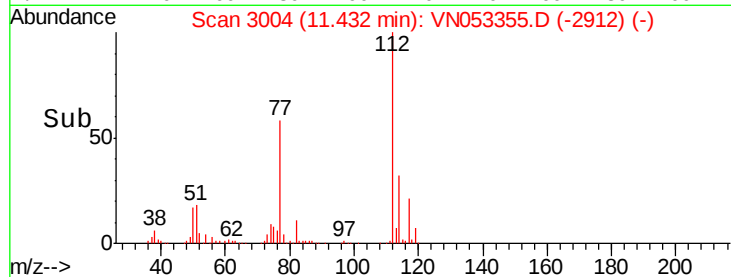
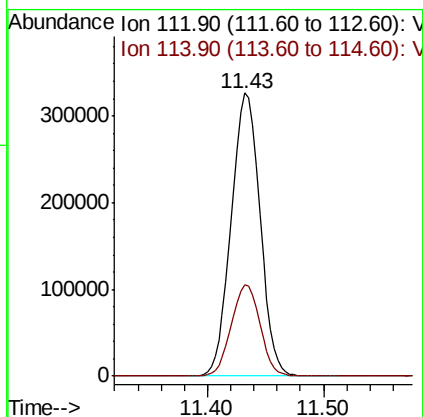
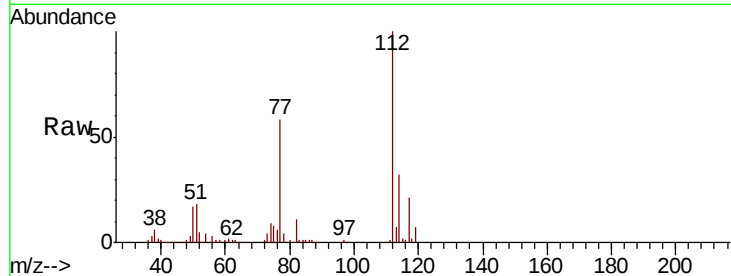
Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





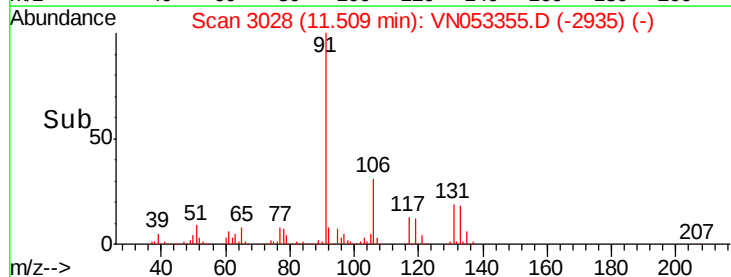
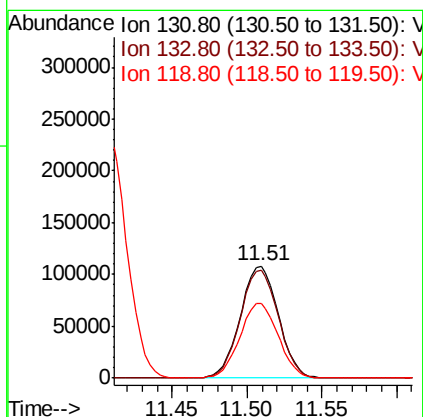
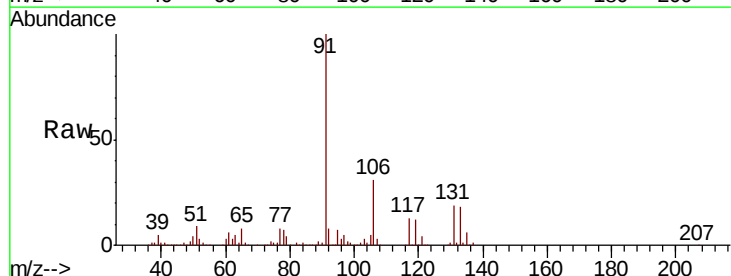
#65
Chlorobenzene
Concen: 20.809 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN053355.D
Acq: 11 Jan 2019 10:15

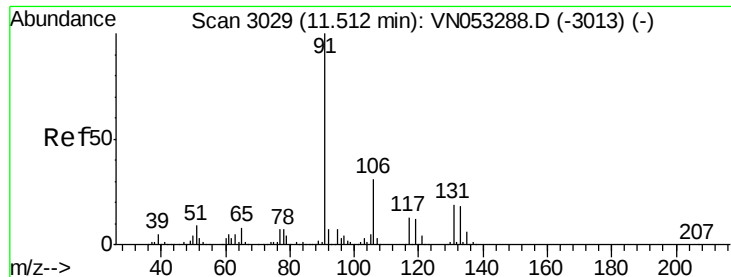
Tgt Ion:112 Resp: 560761
Ion Ratio Lower Upper
112 100
114 32.2 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.361 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN053355.D
Acq: 11 Jan 2019 10:15

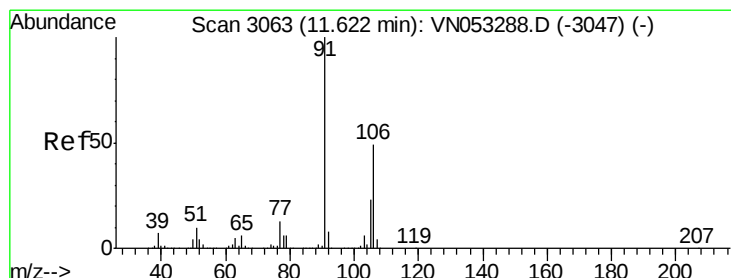
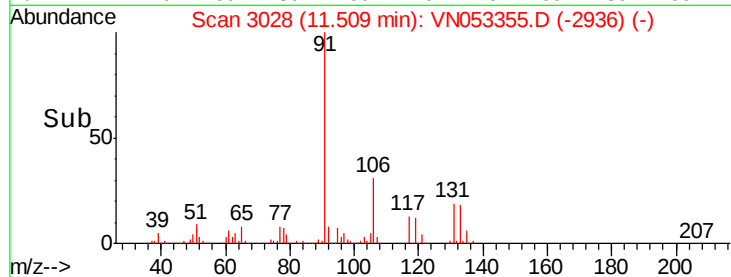
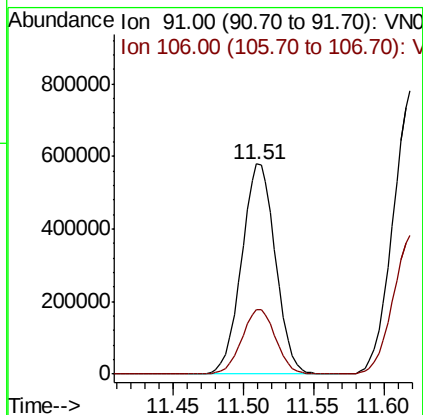
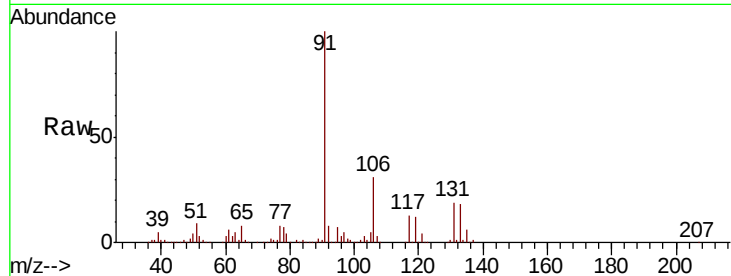
Tgt Ion:131 Resp: 192045
Ion Ratio Lower Upper
131 100
133 96.4 48.0 144.0
119 67.4 33.3 99.9





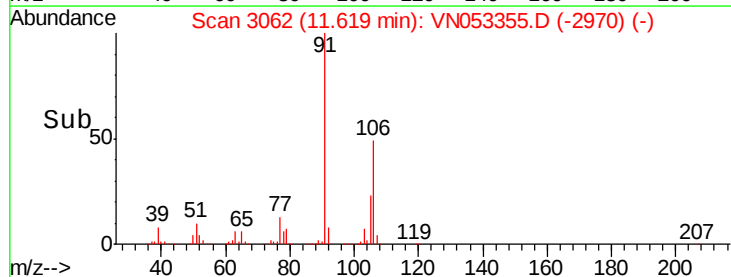
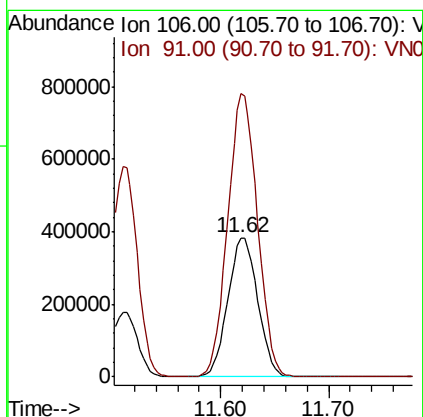
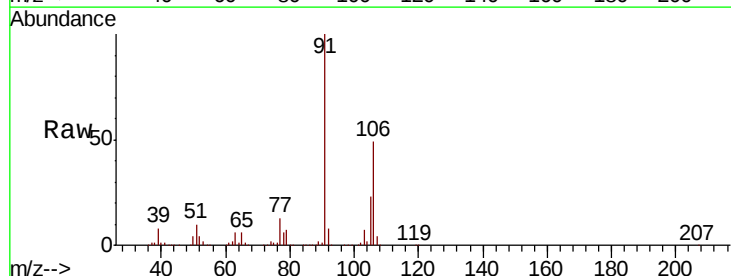
#67
Ethyl Benzene
Concen: 21.266 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053355.D
Acq: 11 Jan 2019 10:15

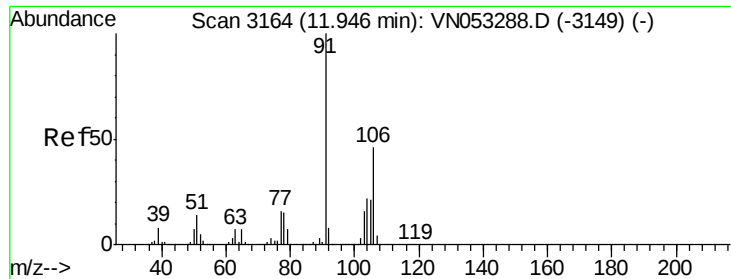
Tgt Ion: 91 Resp: 973758
Ion Ratio Lower Upper
91 100
106 30.6 25.0 37.4



#68
m/p-Xylenes
Concen: 42.987 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053355.D
Acq: 11 Jan 2019 10:15

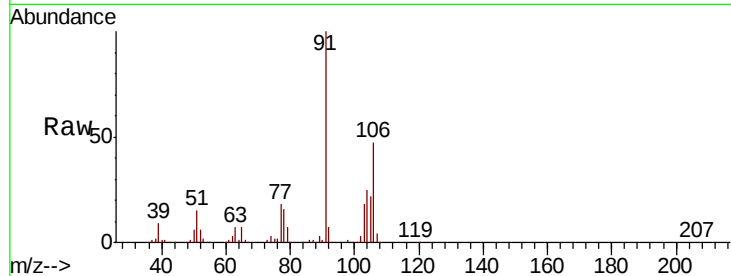
Tgt Ion: 106 Resp: 740152
Ion Ratio Lower Upper
106 100
91 202.2 161.4 242.2



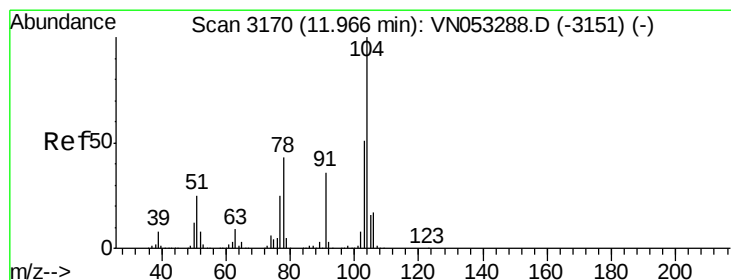
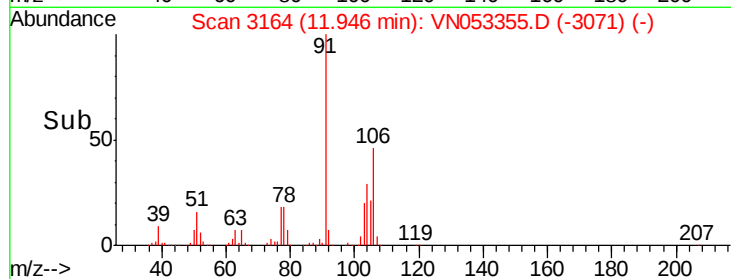
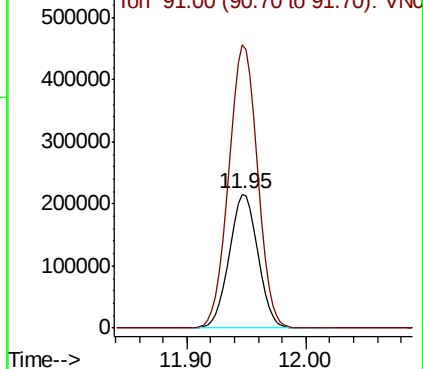


#69
o-Xylene
Concen: 21.354 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053355.D
Acq: 11 Jan 2019 10:15

Tgt Ion:106 Resp: 359956
Ion Ratio Lower Upper
106 100
91 212.8 106.8 320.4

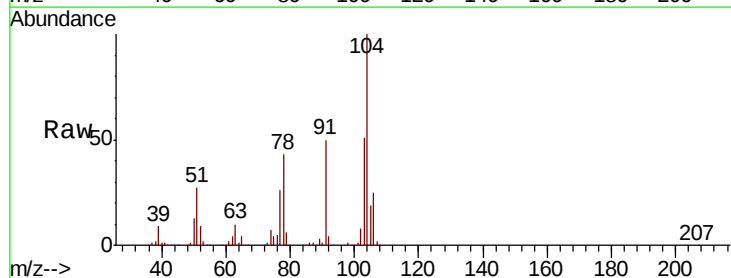


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

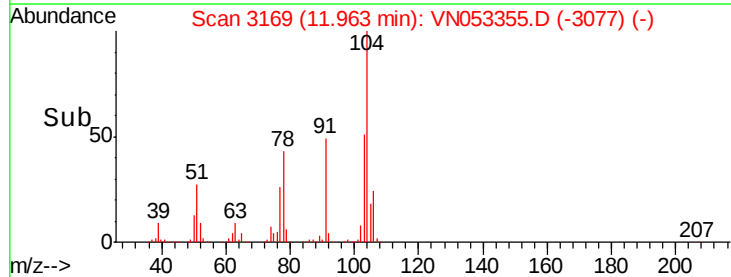
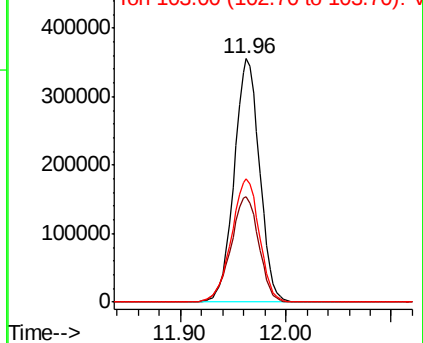


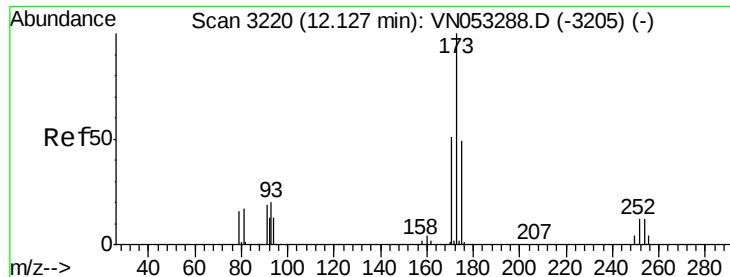
#70
Styrene
Concen: 21.501 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN053355.D
Acq: 11 Jan 2019 10:15

Tgt Ion:104 Resp: 589880
Ion Ratio Lower Upper
104 100
78 47.9 38.5 57.7
103 55.5 44.5 66.7



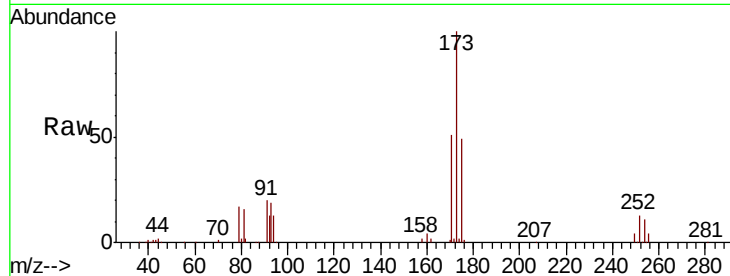
Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V



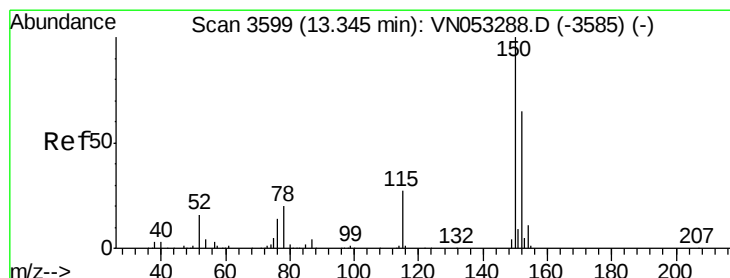
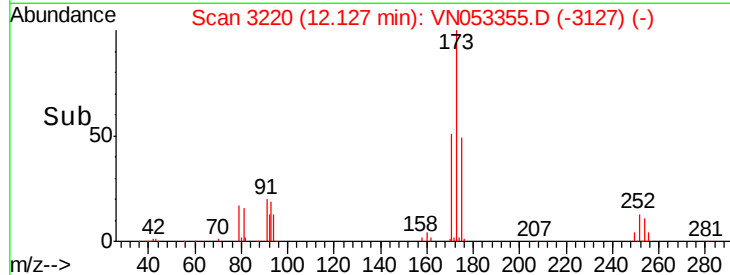
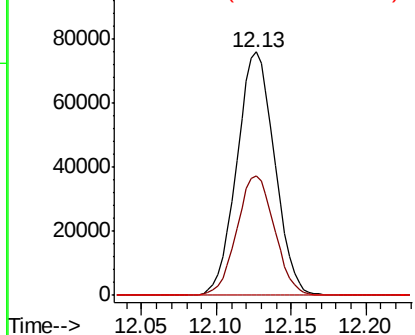


#71
Bromoform
Concen: 20.021 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN053355.D
Acq: 11 Jan 2019 10:15

Tgt Ion:173 Resp: 133385
Ion Ratio Lower Upper
173 100
175 48.9 24.3 72.8
254 0.2 0.2 0.2#

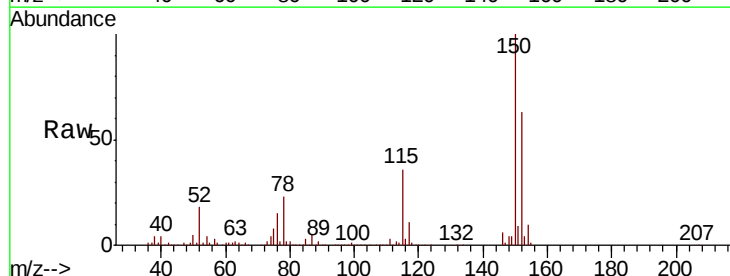


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

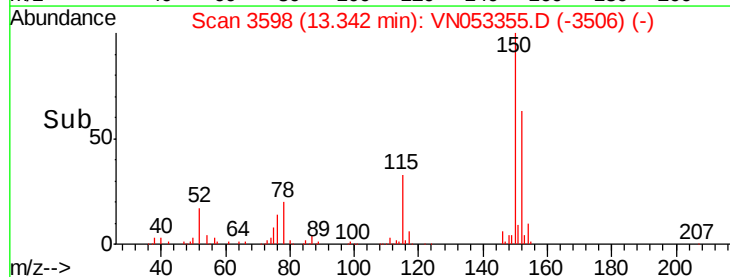
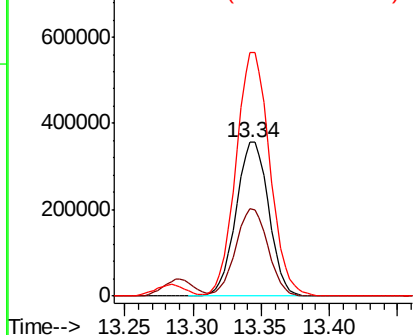


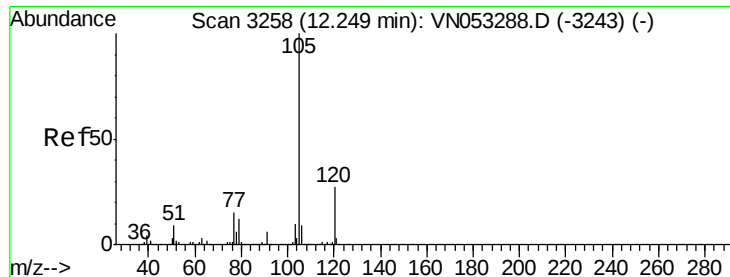
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053355.D
Acq: 11 Jan 2019 10:15

Tgt Ion:152 Resp: 594991
Ion Ratio Lower Upper
152 100
115 55.9 28.0 84.0
150 163.8 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: 21.643 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053355.D

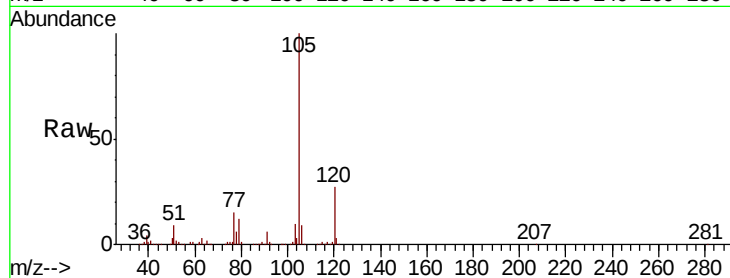
Acq: 11 Jan 2019 10:15

Tgt Ion: 105 Resp: 958765

Ion Ratio Lower Upper

105 100

120 26.9 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

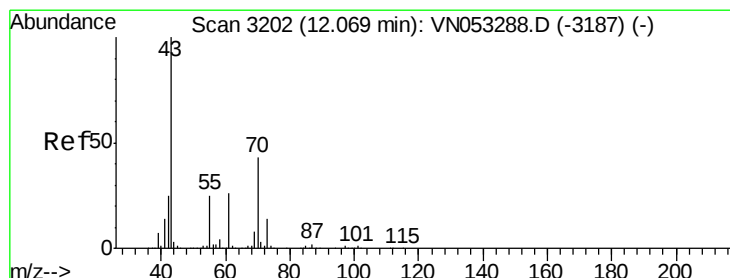
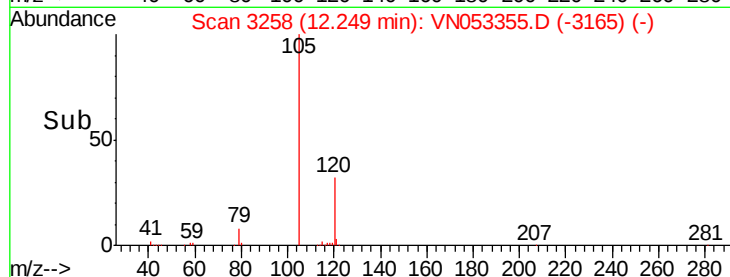
400000

200000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 19.663 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053355.D

Acq: 11 Jan 2019 10:15

Tgt Ion: 43 Resp: 260097

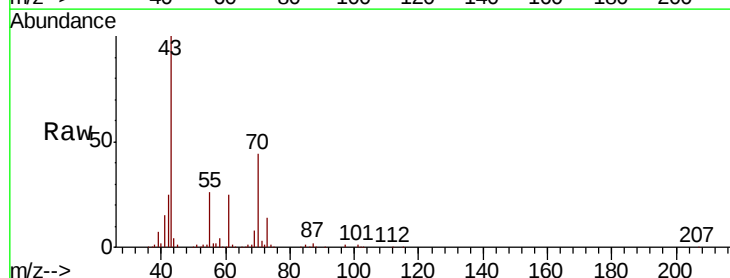
Ion Ratio Lower Upper

43 100

70 43.8 35.0 52.6

55 25.8 20.0 30.0

61 25.4 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

250000

200000

150000

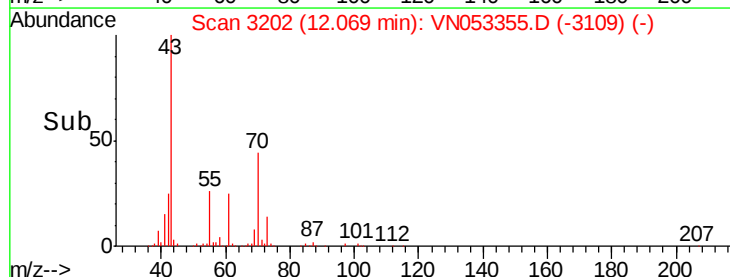
100000

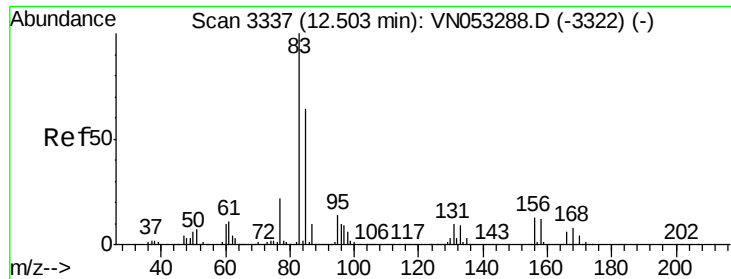
50000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 19.533 ug/l

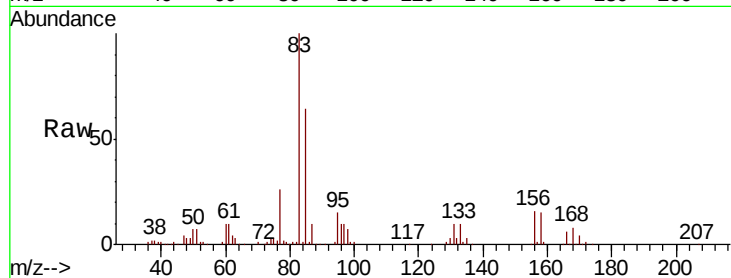
RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN053355.D

Acq: 11 Jan 2019 10:15

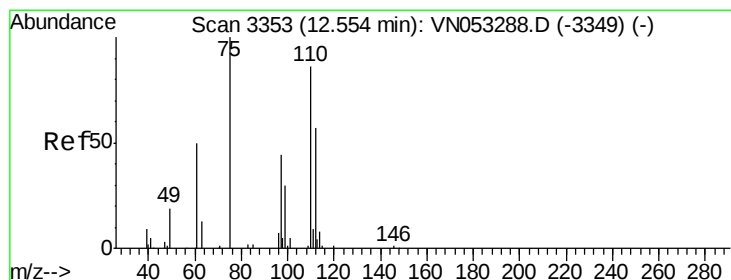
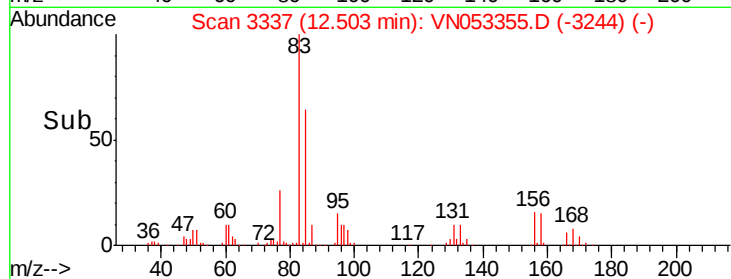
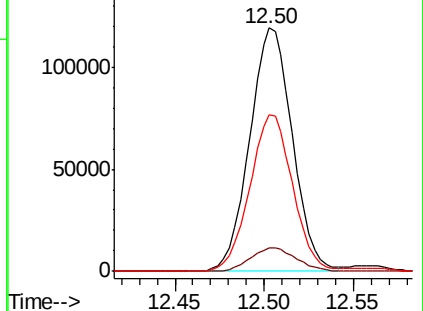
Tgt Ion:	83	Resp:	199046
Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.3	15.9
85	64.5	32.3	96.8



Abundance Ion 82.90 (82.60 to 83.60): VN053288.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN053288.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN053288.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 30.790 ug/l

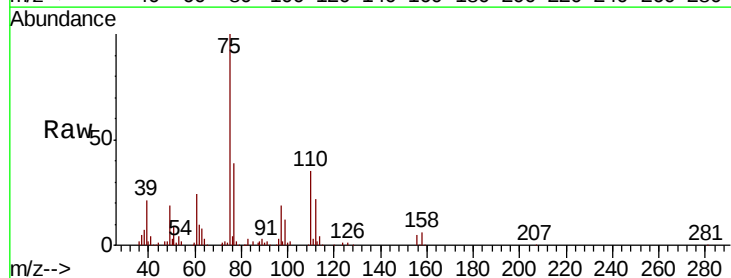
RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053355.D

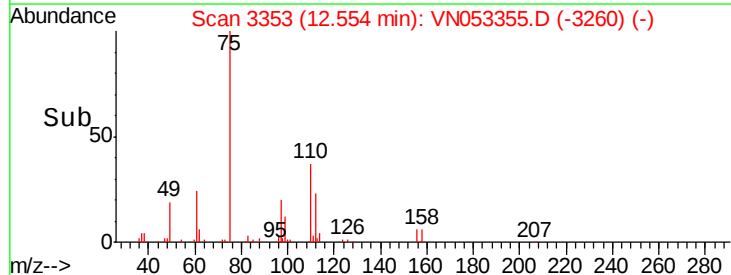
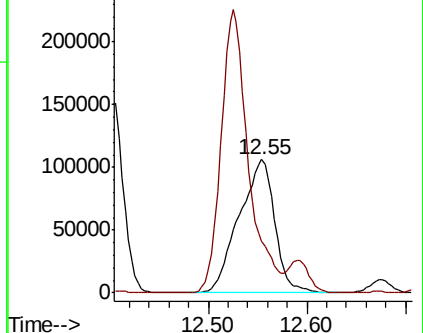
Acq: 11 Jan 2019 10:15

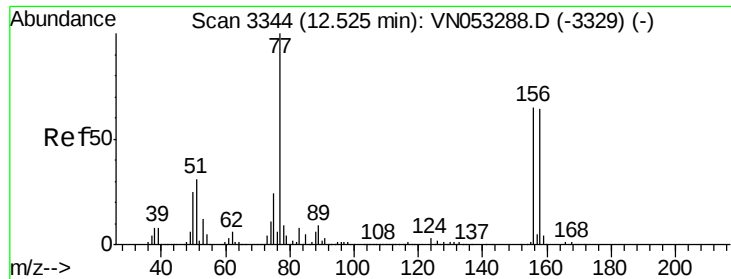
Tgt Ion:	75	Resp:	267206
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN053288.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN053288.D (-3349) (-)





#77

Bromobenzene

Concen: 20.992 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN053355.D

Acq: 11 Jan 2019 10:15

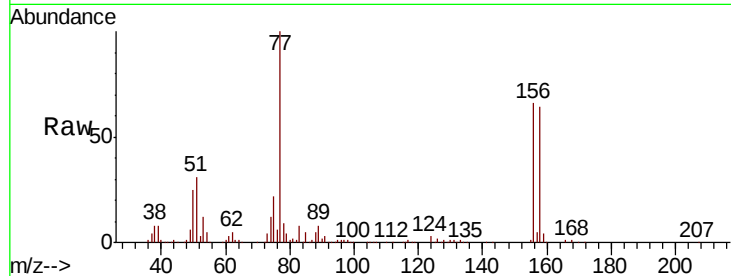
Tgt Ion: 156 Resp: 248185

Ion Ratio Lower Upper

156 100

77 176.4 89.3 268.1

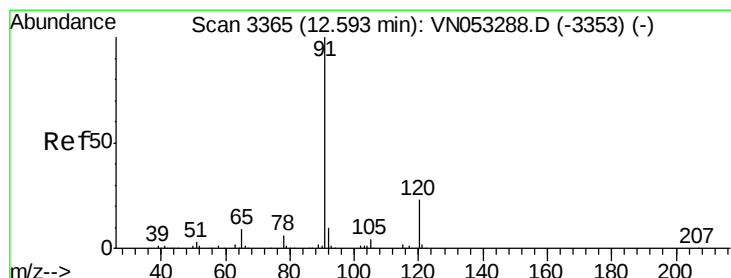
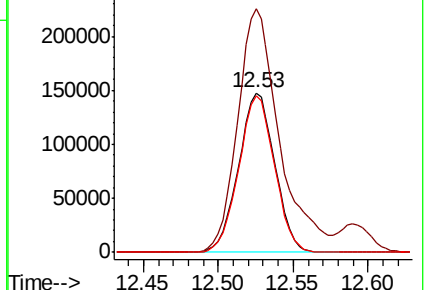
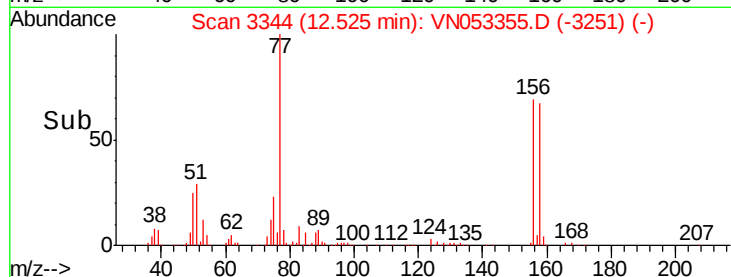
158 97.0 48.9 146.8



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



#78

n-propylbenzene

Concen: 22.271 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN053355.D

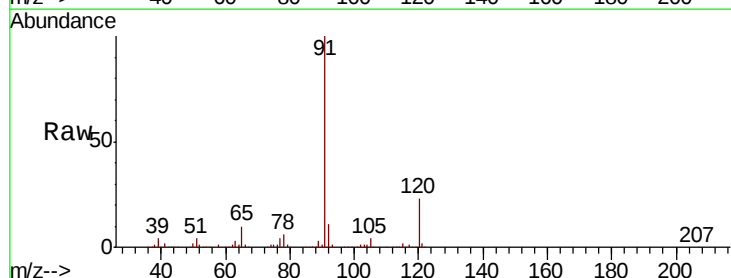
Acq: 11 Jan 2019 10:15

Tgt Ion: 91 Resp: 1115945

Ion Ratio Lower Upper

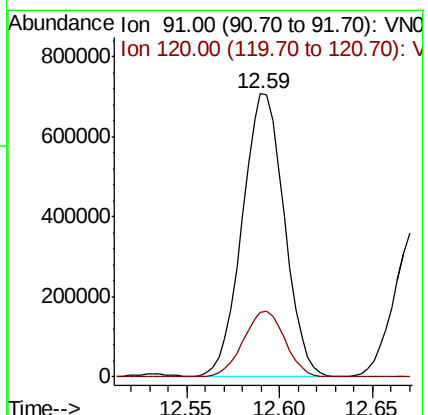
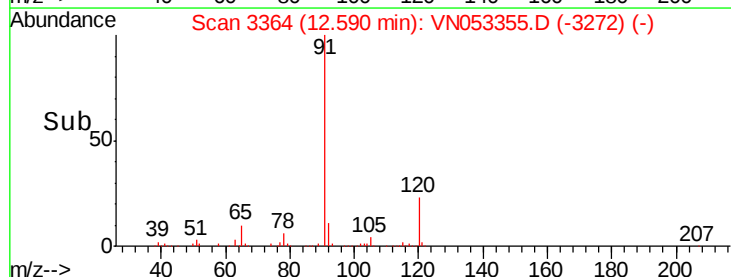
91 100

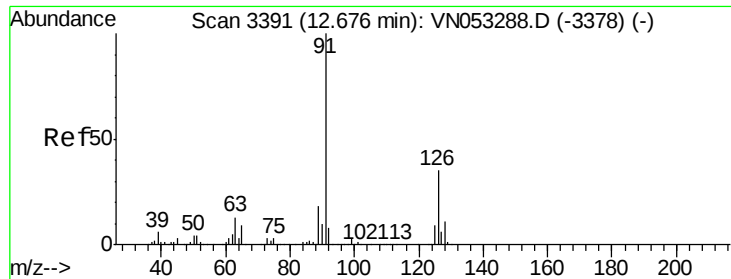
120 23.1 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.466 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN053355.D

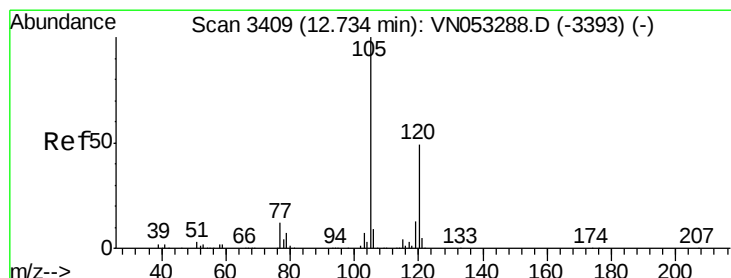
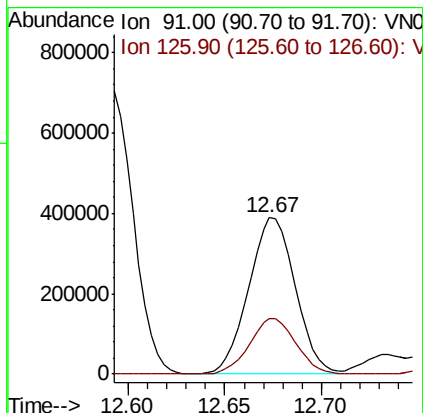
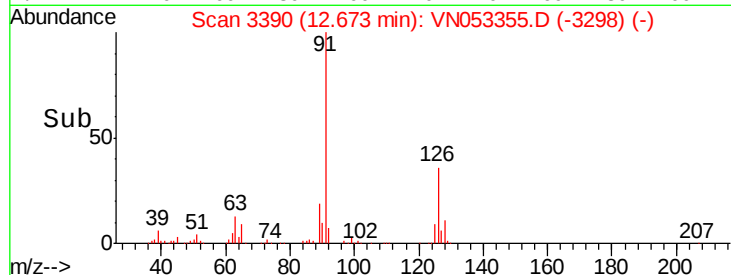
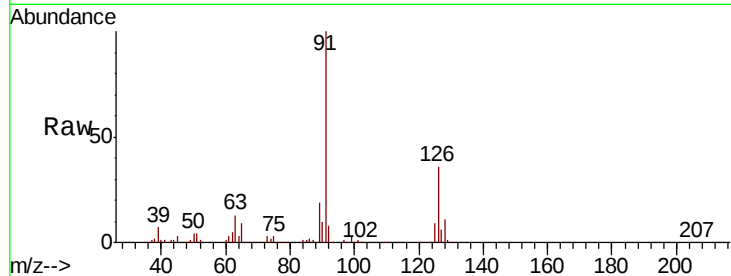
Acq: 11 Jan 2019 10:15

Tgt Ion: 91 Resp: 650856

Ion Ratio Lower Upper

91 100

126 35.5 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 22.151 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053355.D

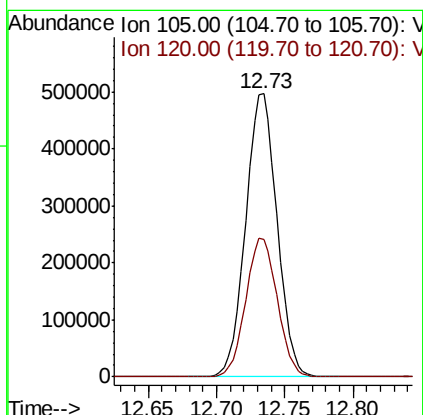
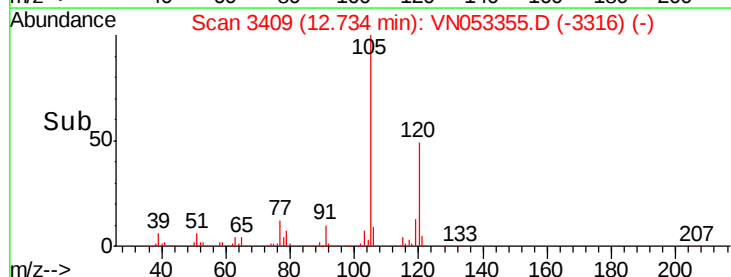
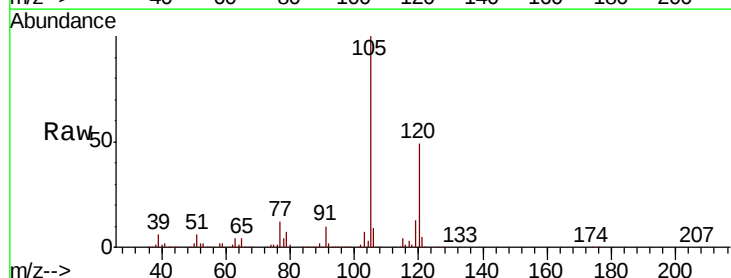
Acq: 11 Jan 2019 10:15

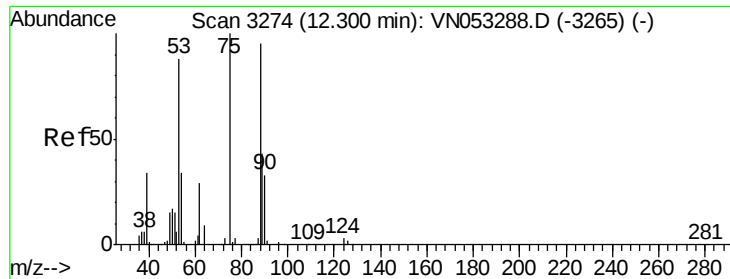
Tgt Ion: 105 Resp: 790392

Ion Ratio Lower Upper

105 100

120 49.5 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 19.511 ug/l

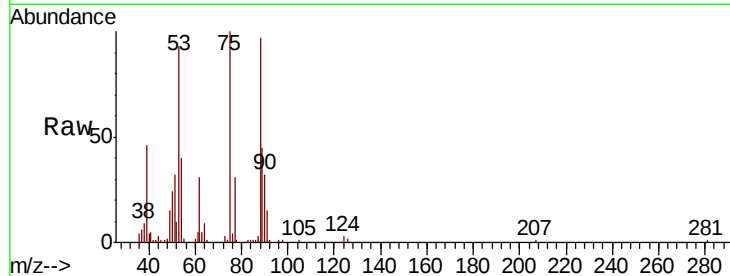
RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN053355.D

Acq: 11 Jan 2019 10:15

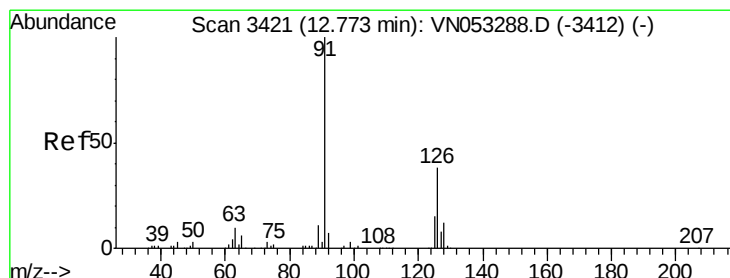
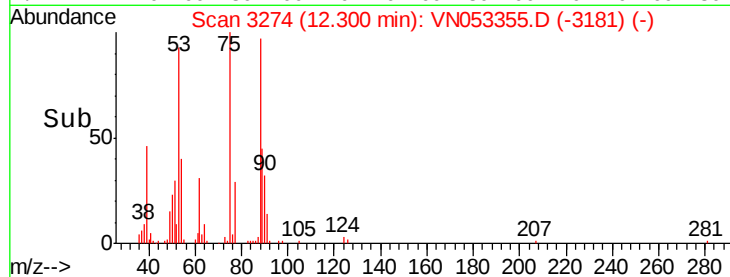
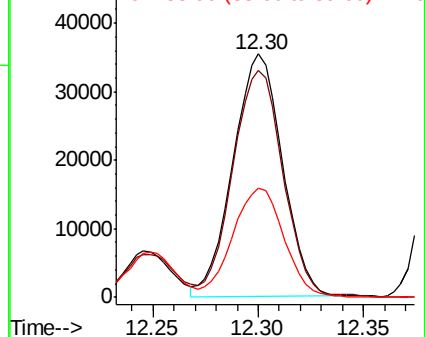
Tgt Ion:	75	Resp:	57549
Ion	Ratio	Lower	Upper
75	100		
53	95.7	70.5	105.7
89	46.9	35.4	53.0



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: 21.571 ug/l

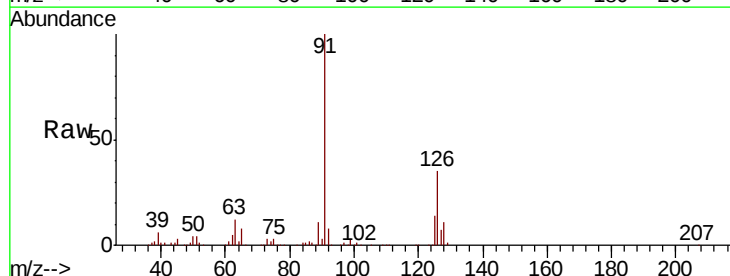
RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN053355.D

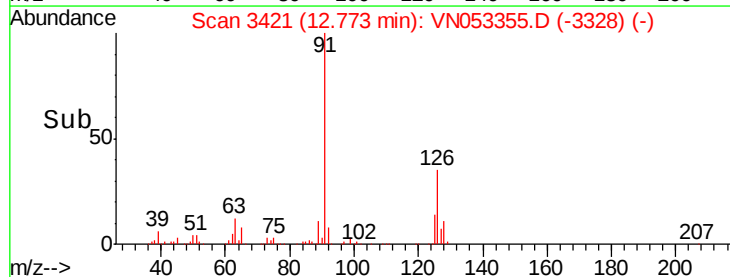
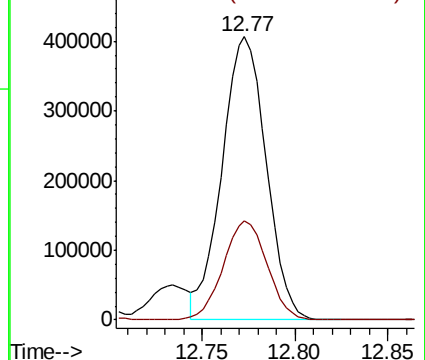
Acq: 11 Jan 2019 10:15

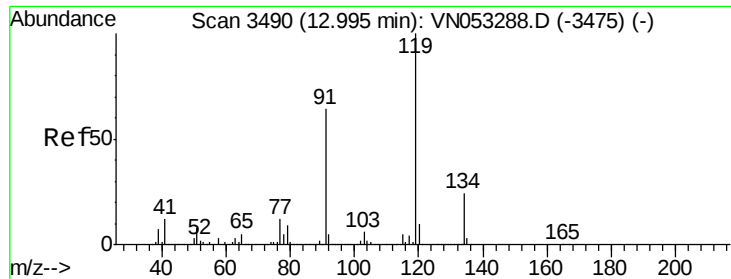
Tgt Ion:	91	Resp:	670647
Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.4	52.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

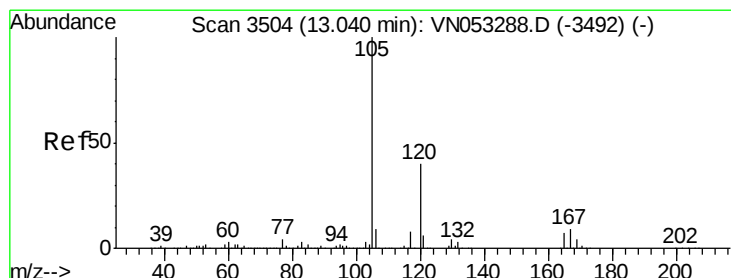
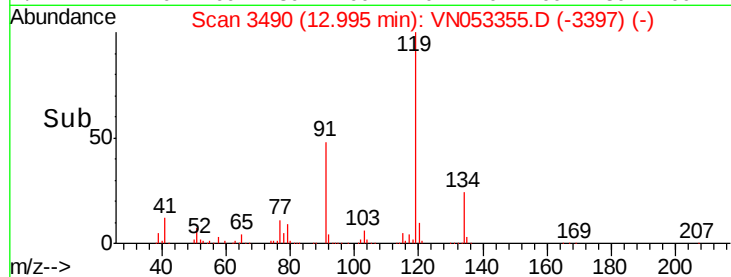
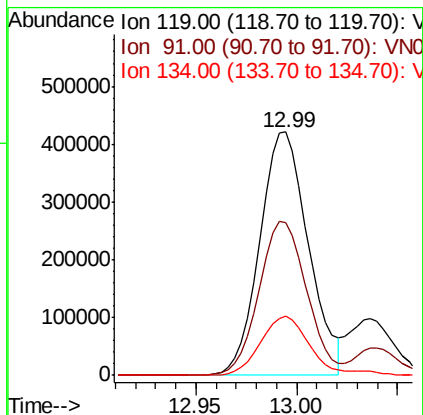
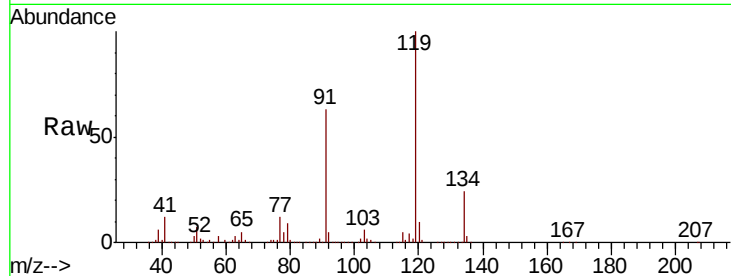
Ion 125.90 (125.60 to 126.60): V





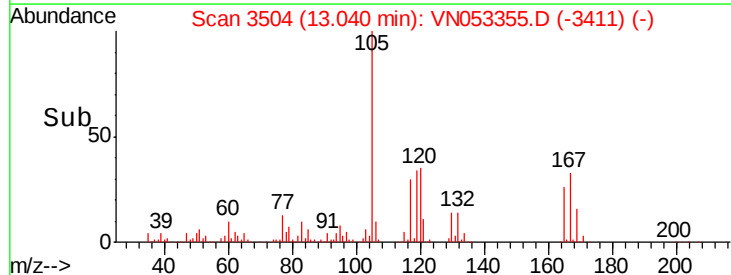
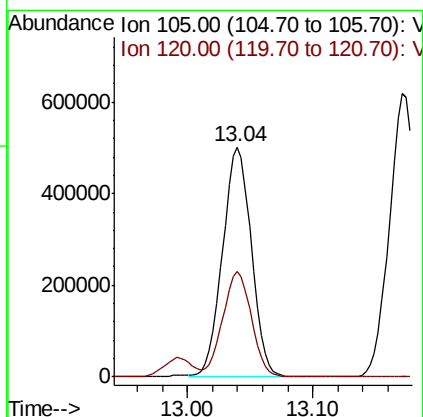
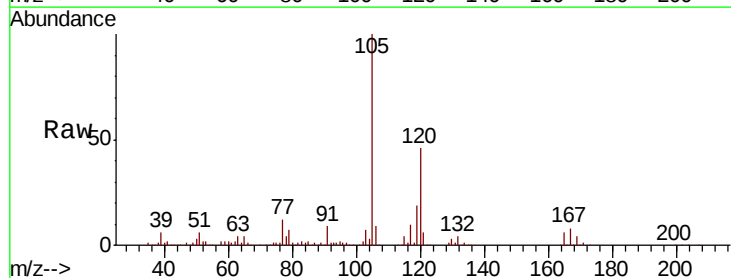
#83
 tert-Butylbenzene
 Concen: 22.614 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN053355.D
 Acq: 11 Jan 2019 10:15

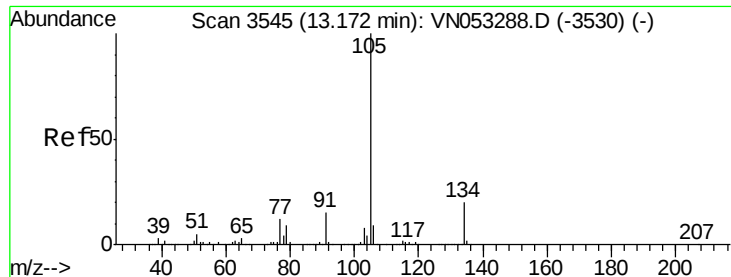
Tgt Ion:119 Resp: 707981
 Ion Ratio Lower Upper
 119 100
 91 62.6 31.6 95.0
 134 25.1 12.9 38.6



#84
 1,2,4-Trimethylbenzene
 Concen: 21.935 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053355.D
 Acq: 11 Jan 2019 10:15

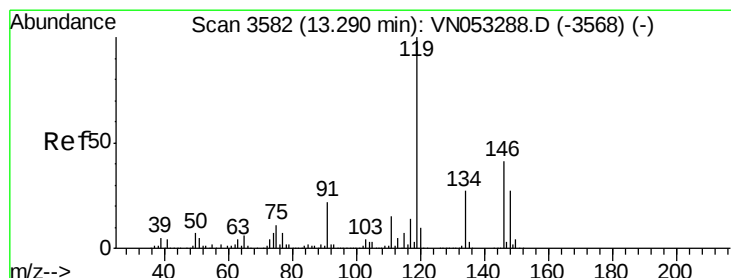
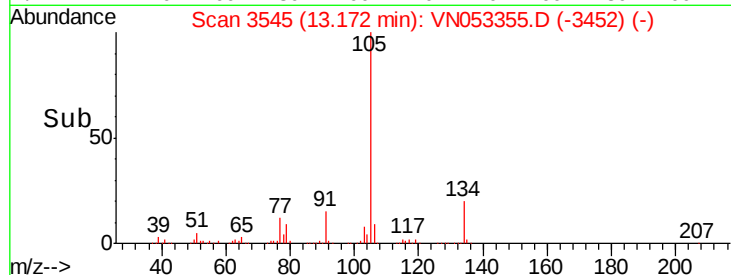
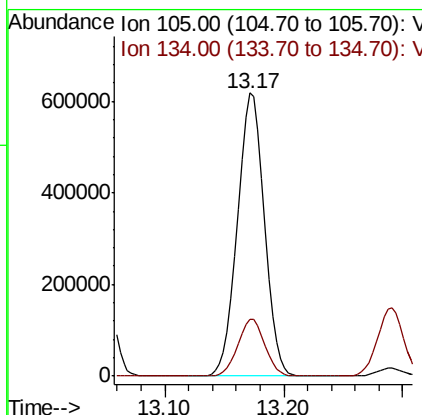
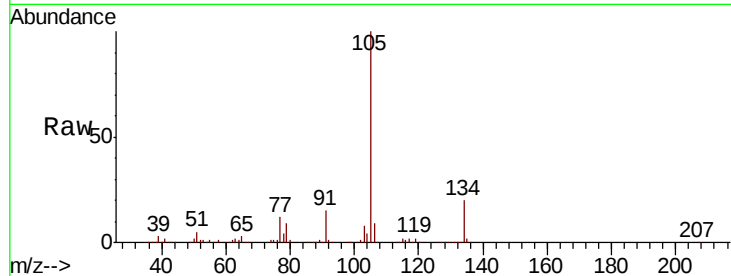
Tgt Ion:105 Resp: 797387
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.0 69.0





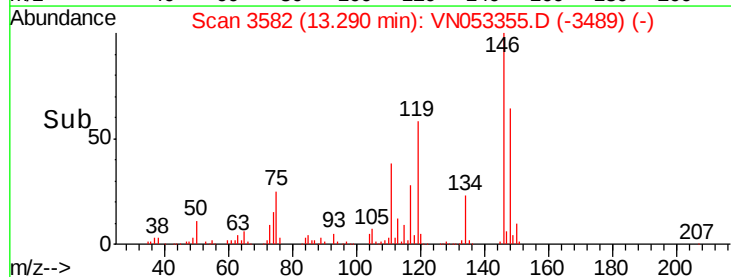
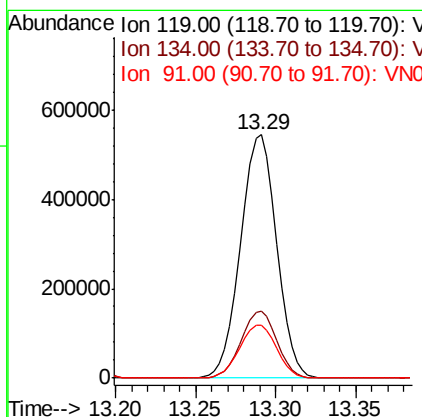
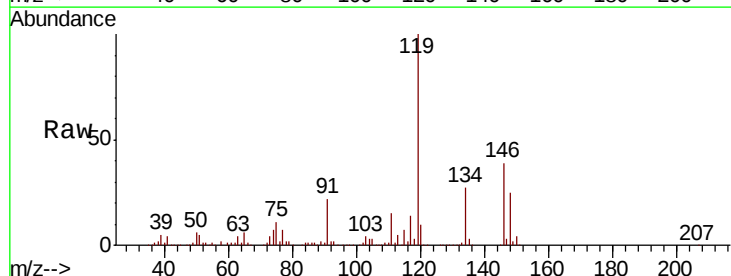
#85
 sec-Butylbenzene
 Concen: 23.460 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN053355.D
 Acq: 11 Jan 2019 10:15

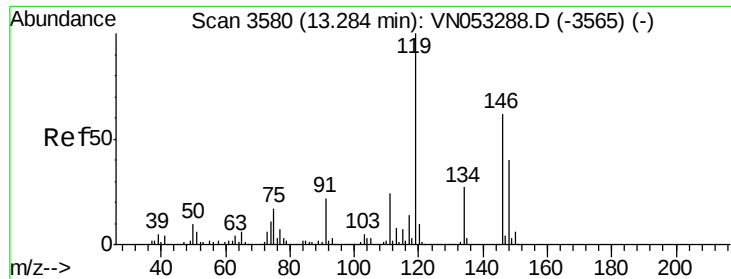
Tgt Ion:105 Resp: 968603
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 23.281 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN053355.D
 Acq: 11 Jan 2019 10:15

Tgt Ion:119 Resp: 832228
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.4 40.1
 91 22.3 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 21.031 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN053355.D

Acq: 11 Jan 2019 10:15

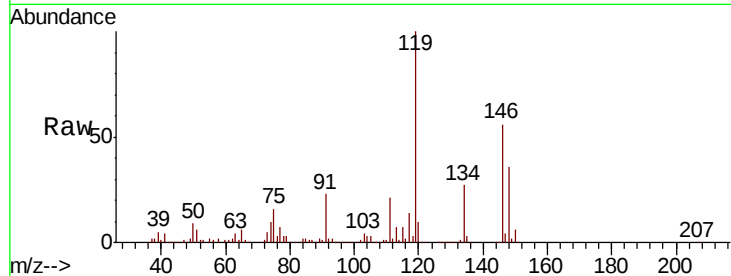
Tgt Ion:146 Resp: 437875

Ion Ratio Lower Upper

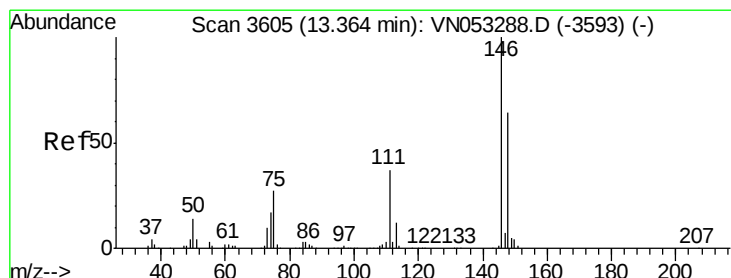
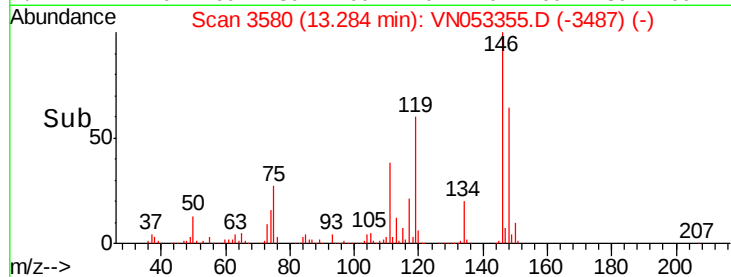
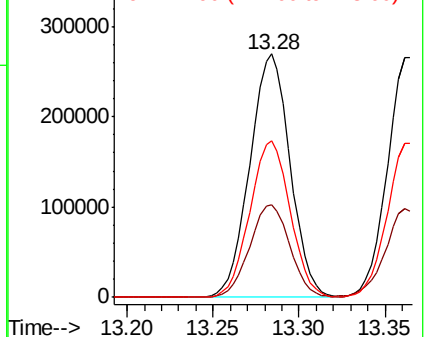
146 100

111 38.1 18.9 56.5

148 64.3 32.0 96.2



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



#88

1,4-Dichlorobenzene

Concen: 20.792 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. -0.00 min

Lab File: VN053355.D

Acq: 11 Jan 2019 10:15

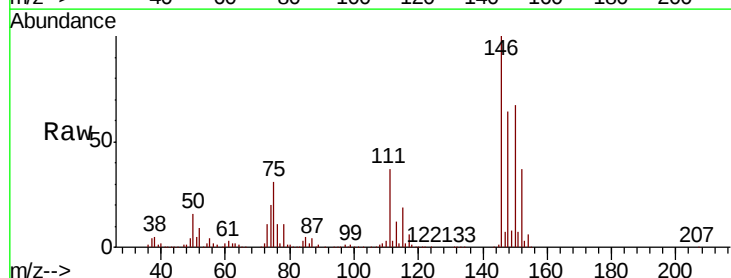
Tgt Ion:146 Resp: 429432

Ion Ratio Lower Upper

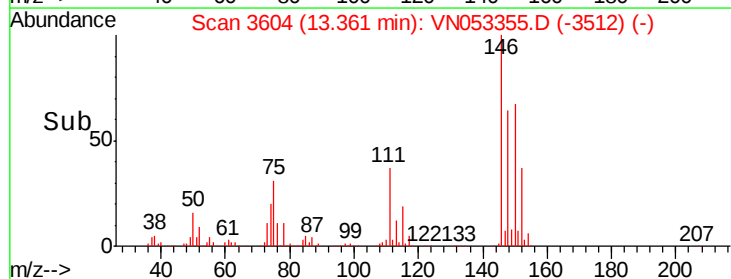
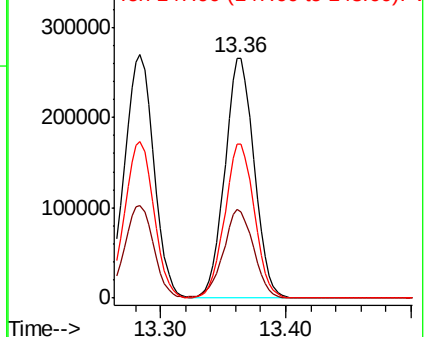
146 100

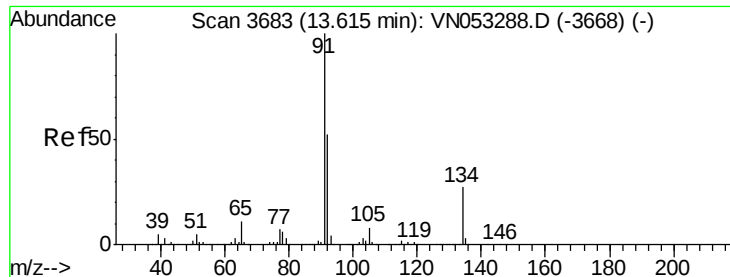
111 38.2 18.6 55.8

148 64.7 32.0 96.0



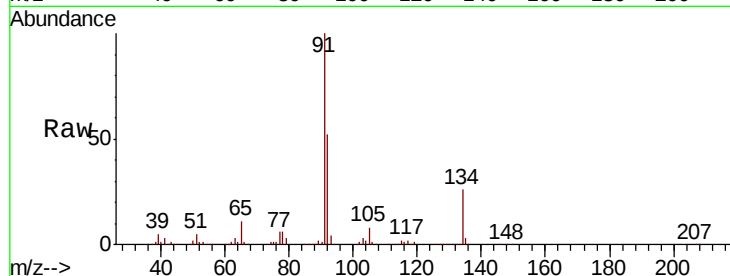
Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



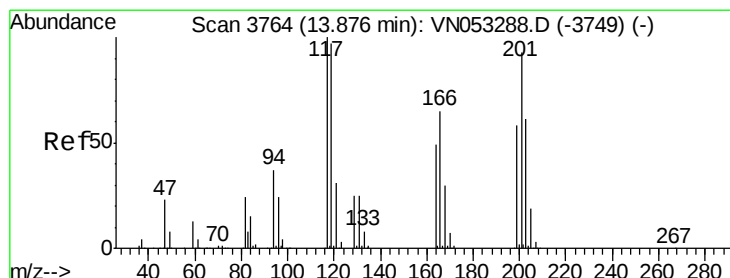
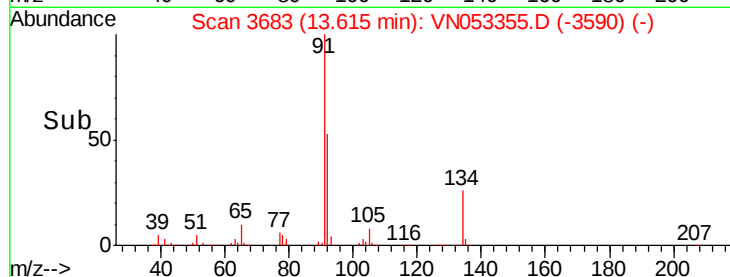
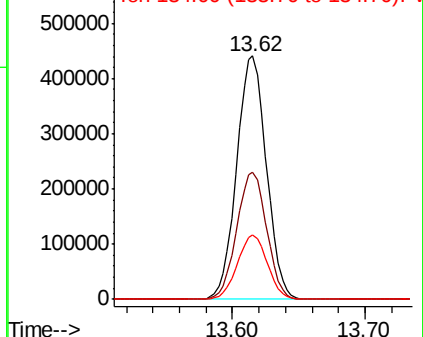


#89
n-Butylbenzene
Concen: 22.880 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN053355.D
Acq: 11 Jan 2019 10:15

Tgt Ion: 91 Resp: 685732
Ion Ratio Lower Upper
91 100
92 52.5 26.3 78.8
134 26.7 13.5 40.5

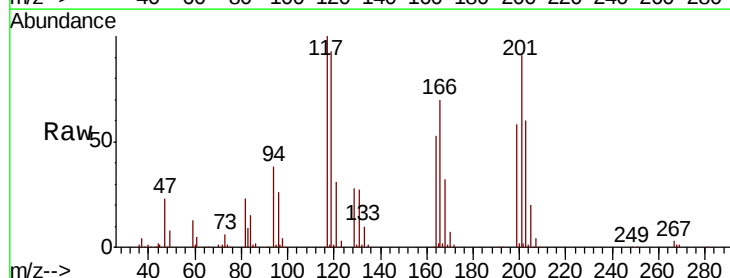


Abundance Ion 91.00 (90.70 to 91.70): VN053288.D (-3668) (-)
Ion 92.00 (91.70 to 92.70): VN053288.D (-3668) (-)
Ion 134.00 (133.70 to 134.70): VN053288.D (-3668) (-)

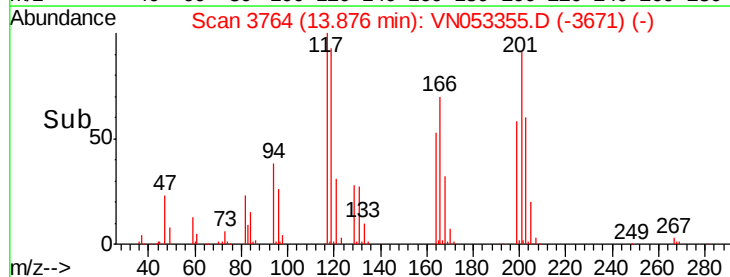
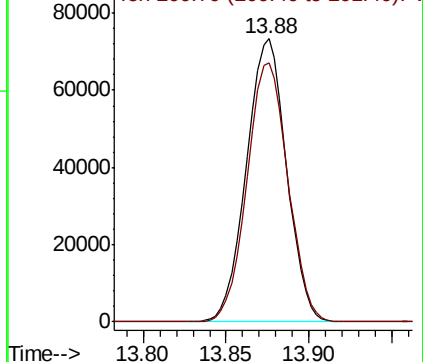


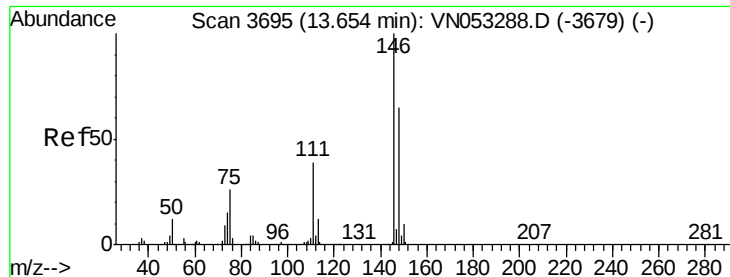
#90
Hexachloroethane
Concen: 21.513 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN053355.D
Acq: 11 Jan 2019 10:15

Tgt Ion: 117 Resp: 123259
Ion Ratio Lower Upper
117 100
201 93.0 46.1 138.3



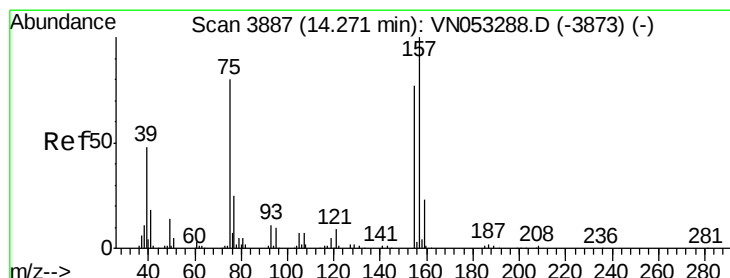
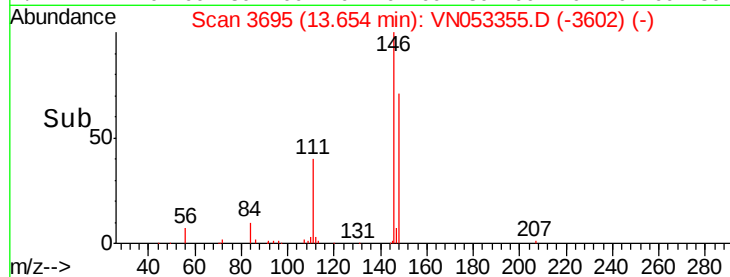
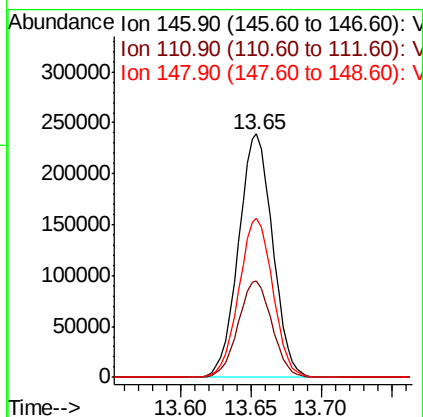
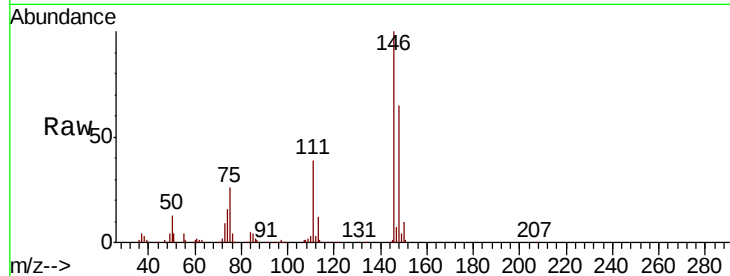
Abundance Ion 116.80 (116.50 to 117.50): VN053288.D (-3749) (-)
Ion 200.70 (200.40 to 201.40): VN053288.D (-3749) (-)





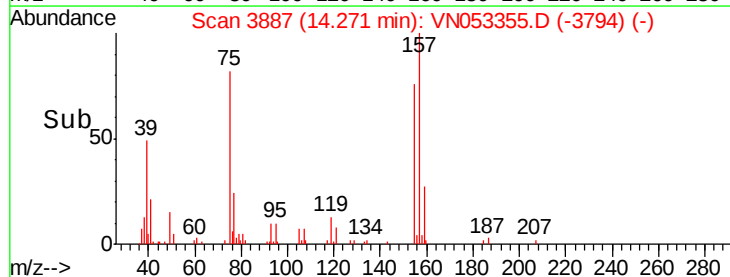
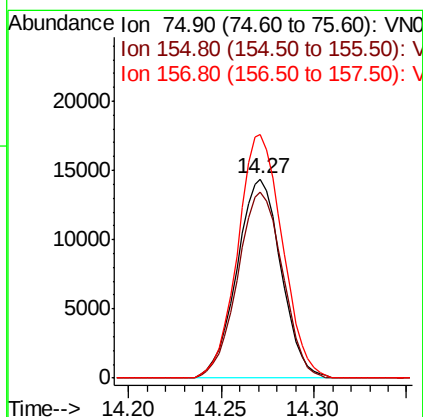
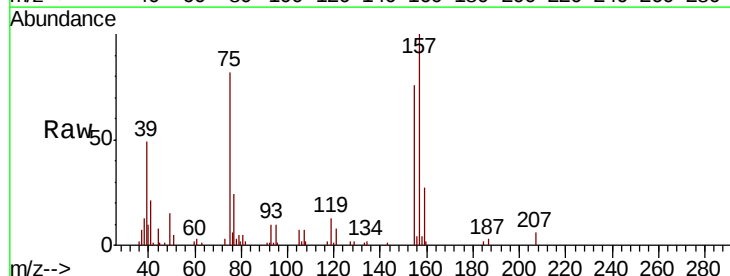
#91
 1,2-Dichlorobenzene
 Concen: 20.754 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN053355.D
 Acq: 11 Jan 2019 10:15

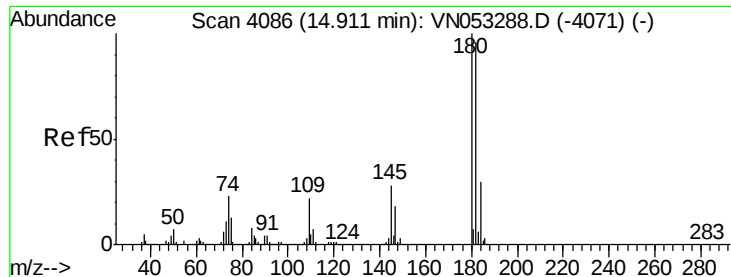
Tgt Ion:	146	Resp:	404764
Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.4	58.2
148	65.1	32.2	96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.323 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN053355.D
 Acq: 11 Jan 2019 10:15

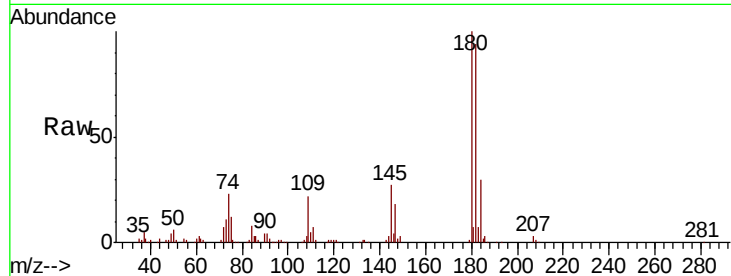
Tgt Ion:	75	Resp:	23883
Ion	Ratio	Lower	Upper
75	100		
155	94.5	48.1	144.3
157	123.2	61.5	184.4



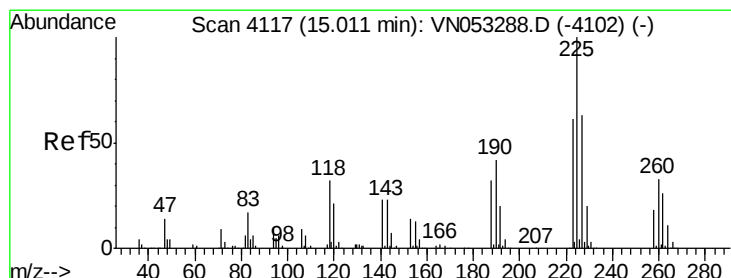
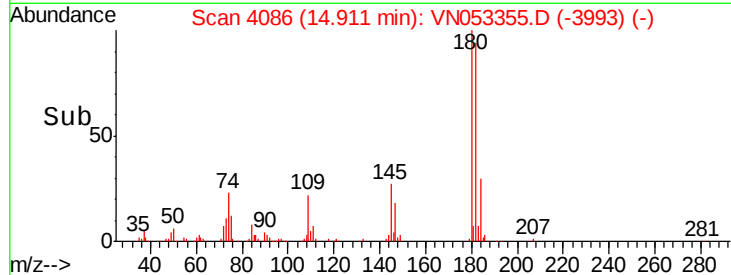
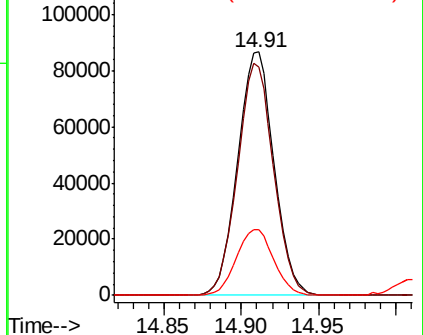


#93
 1,2,4-Trichlorobenzene
 Concen: 23.023 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053355.D
 Acq: 11 Jan 2019 10:15

Tgt Ion:180 Resp: 141178
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.8 143.4
 145 27.7 14.4 43.0

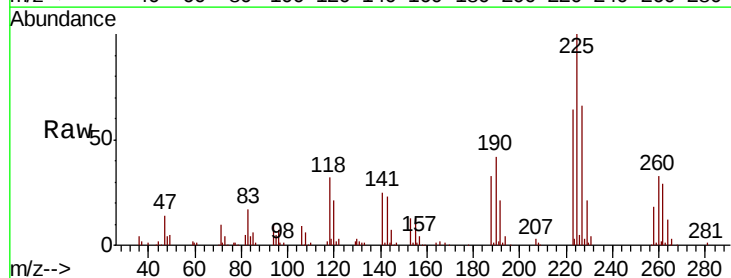


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

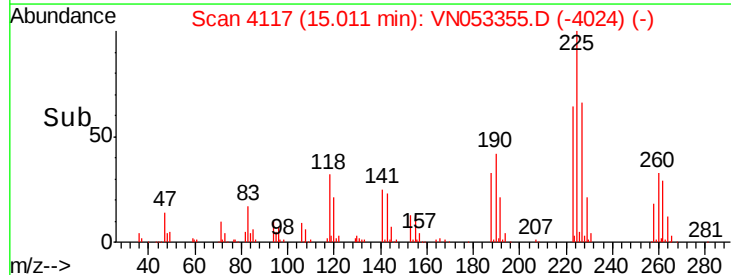
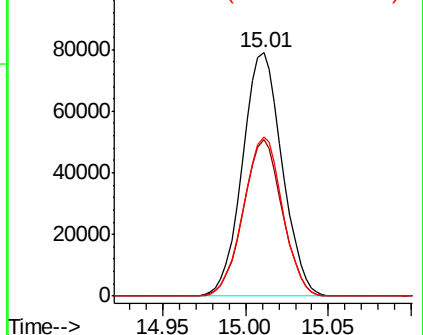


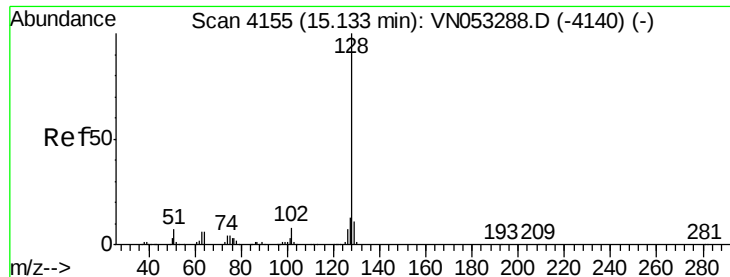
#94
 Hexachlorobutadiene
 Concen: 26.174 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053355.D
 Acq: 11 Jan 2019 10:15

Tgt Ion:225 Resp: 131282
 Ion Ratio Lower Upper
 225 100
 223 63.1 30.9 92.8
 227 64.5 31.4 94.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 21.472 ug/l

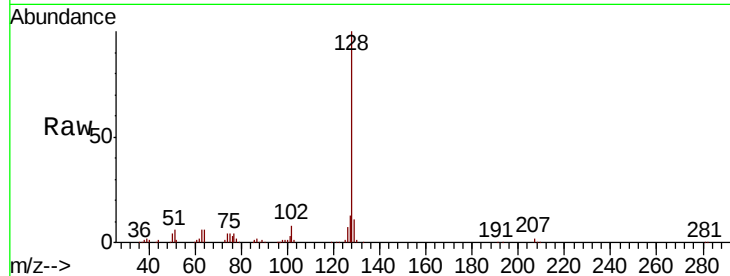
RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

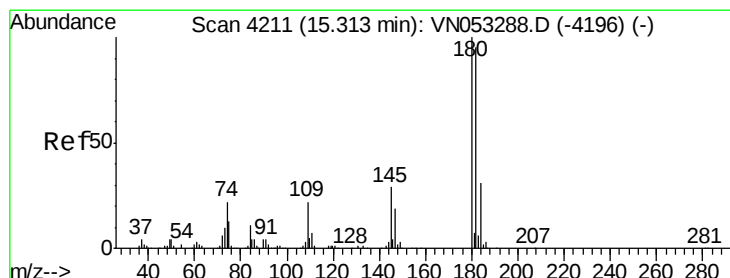
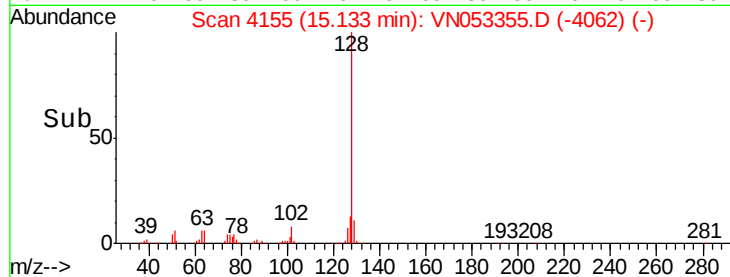
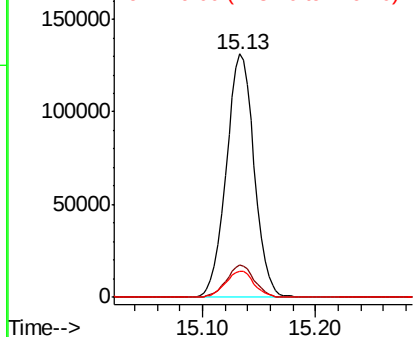
Lab File: VN053355.D

Acq: 11 Jan 2019 10:15

Tgt Ion:	128	Resp:	224621
Ion	Ratio	Lower	Upper
128	100		
127	13.4	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: 23.602 ug/l

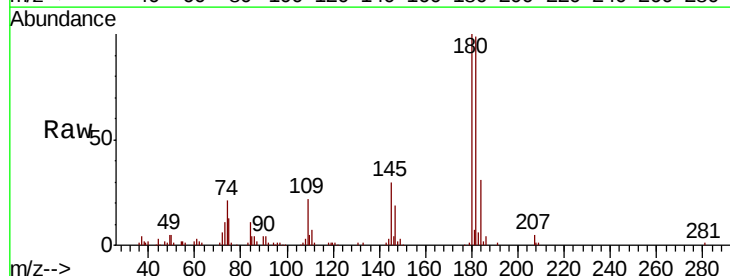
RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN053355.D

Acq: 11 Jan 2019 10:15

Tgt Ion:	180	Resp:	94755
Ion	Ratio	Lower	Upper
180	100		
182	97.3	48.4	145.0
145	29.5	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

