

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120720\
 Data File : VN064945.D
 Acq On : 7 Dec 2020 15:11
 Operator : JC/MD
 Sample : L4954-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 08 07:15:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	197315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	333208	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	346827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	167399	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	107402	46.82	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.64%
35) Dibromofluoromethane	7.55	113	101156	50.74	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.48%
50) Toluene-d8	10.06	98	440259	54.04	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	108.08%
62) 4-Bromofluorobenzene	12.37	95	167678	57.51	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	115.02%

Target Compounds

						Qvalue
13) Acrolein	3.76	56	12690	58.074	ug/l #	77
14) Allyl chloride	4.48	41	42421	13.442	ug/l #	43
15) Acrylonitrile	4.99	53	4896	4.954	ug/l #	20
16) Acetone	3.76	43	35043	46.471	ug/l #	52
18) Methyl Acetate	4.48	43	120139	52.991	ug/l #	50
25) 2-Butanone	6.78	43	3491	2.856	ug/l #	49
26) 2,2-Dichloropropane	6.58	77	7670	2.343	ug/l #	52
29) Tetrahydrofuran	7.34	42	1565	1.855	ug/l #	1
31) Cyclohexane	7.61	56	853015	266.803	ug/l	97
36) 1,1-Dichloropropene	7.62	75	14062	4.553	ug/l #	38
37) Ethyl Acetate	6.78	43	3491	1.173	ug/l #	66
38) Carbon Tetrachloride	7.62	117	17782	5.533	ug/l #	16
39) Methylcyclohexane	9.05	83	1060770	319.049	ug/l	96
40) Benzene	8.00	78	14460	1.528	ug/l	99
41) Methacrylonitrile	7.35	41	10138	7.385	ug/l #	76
43) Isopropyl Acetate	8.11	43	48640	10.160	ug/l #	59
45) 1,2-Dichloropropane	9.04	63	8437	3.442	ug/l #	1
46) Dibromomethane	9.05	93	341	0.208	ug/l #	2
47) Bromodichloromethane	9.48	83	3816	1.158	ug/l #	47
48) Methyl methacrylate	9.23	41	28383	12.408	ug/l #	38
51) 4-Methyl-2-Pentanone	9.96	43	2469	0.859	ug/l #	60
55) 1,1,2-Trichloroethane	10.50	97	66752	27.851	ug/l #	18
56) Ethyl methacrylate	10.40	69	37927	11.467	ug/l #	29
67) Ethyl Benzene	11.48	91	6160	0.495	ug/l #	84
73) Isopropylbenzene	12.22	105	2639	0.227	ug/l	93
76) 1,2,3-Trichloropropane	12.37	75	80965	22.459	ug/l #	100
77) Bromobenzene	12.47	156	9665	3.079	ug/l #	1
78) n-propylbenzene	12.57	91	4254	0.321	ug/l	92
81) trans-1,4-Dichloro-2-buten	12.37	75	80965	61.554	ug/l #	15
83) tert-Butylbenzene	12.97	119	9231	1.138	ug/l	94
84) 1,2,4-Trimethylbenzene	13.01	105	9849	1.007	ug/l	98
85) sec-Butylbenzene	13.35	105	615405	57.136	ug/l #	56
86) p-Isopropyltoluene	13.26	119	18175	1.853	ug/l	94
89) n-Butylbenzene	13.57	91	4004	0.465	ug/l #	1

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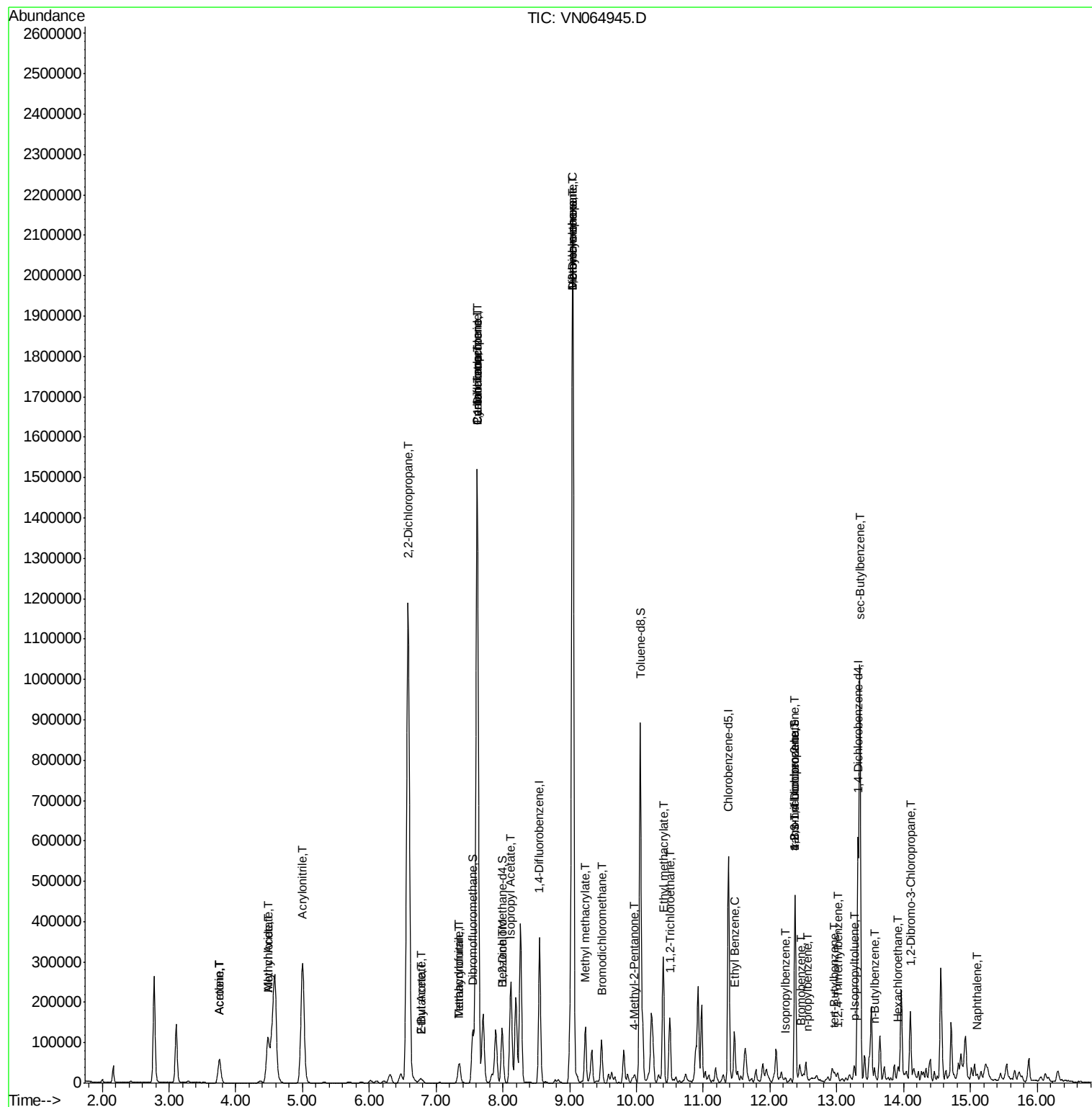
Quant Time: Dec 08 07:15:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
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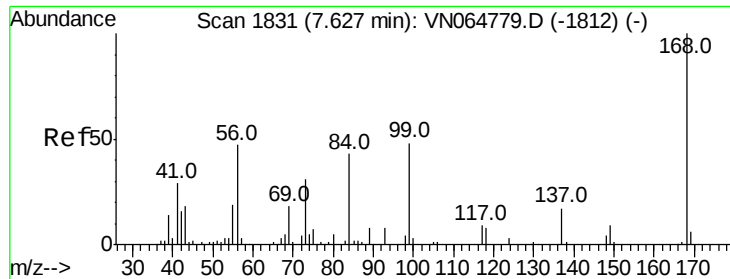
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.92	117	15502	9.100	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.10	75	1358	1.768	ug/l #	1
95) Naphthalene	15.10	128	12254	1.207	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064945.D

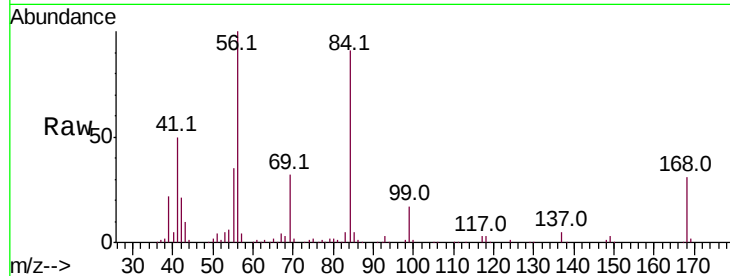
Acq: 7 Dec 2020 15:11

Tot Ion:168 Resp: 197315

Ion Ratio Lower Upper

168 100

99 54.2 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): VN064779.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN064779.D (-1812) (-)

7.62

80000

60000

40000

20000

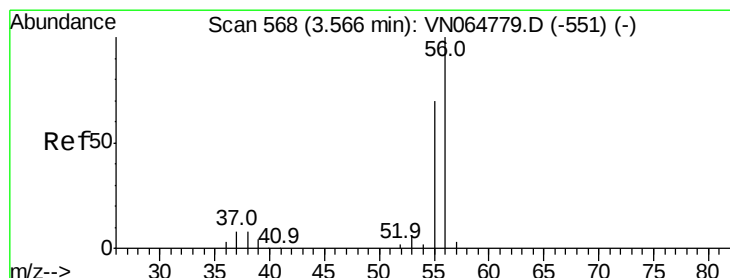
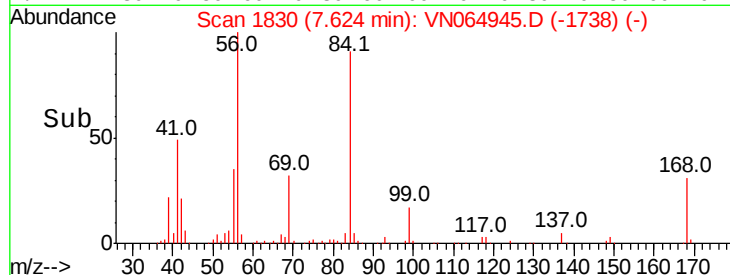
0

Time-->

7.50

7.60

7.70



#13

Acrolein

Concen: 58.074 ug/l

RT: 3.76 min Scan# 627

Delta R.T. 0.19 min

Lab File: VN064945.D

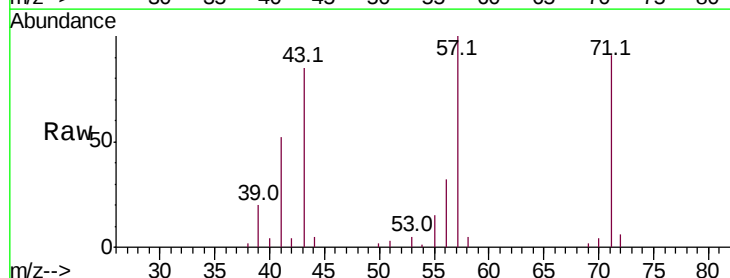
Acq: 7 Dec 2020 15:11

Tgt Ion: 56 Resp: 12690

Ion Ratio Lower Upper

56 100

55 51.6 56.5 84.7#



Abundance Ion 56.00 (55.70 to 56.70): VN064779.D (-551) (-)

Ion 55.00 (54.70 to 55.70): VN064779.D (-551) (-)

3.76

5000

4000

3000

2000

1000

0

Time-->

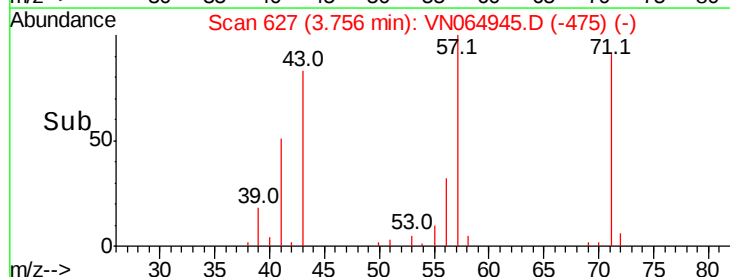
3.65

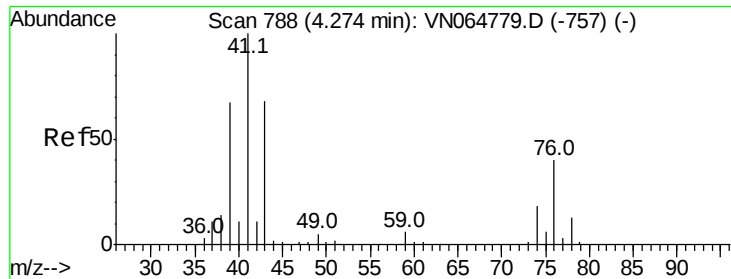
3.70

3.75

3.80

3.85





#14

Allvl chloride

Concen: 13.442 ug/l

RT: 4.48 min Scan# 853

Delta R.T. 0.21 min

Lab File: VN064945.D

Acq: 7 Dec 2020 15:11

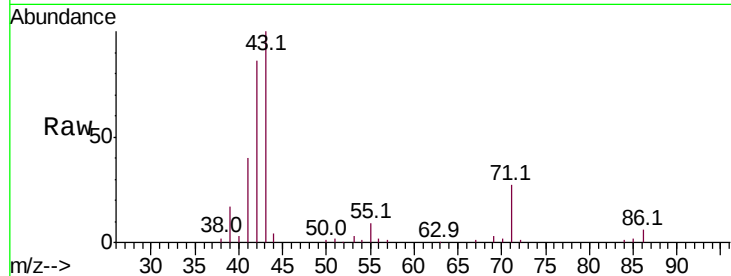
Tot Ion: 41 Resp: 42421

Ion Ratio Lower Upper

41 100

39 21.0 50.9 76.3#

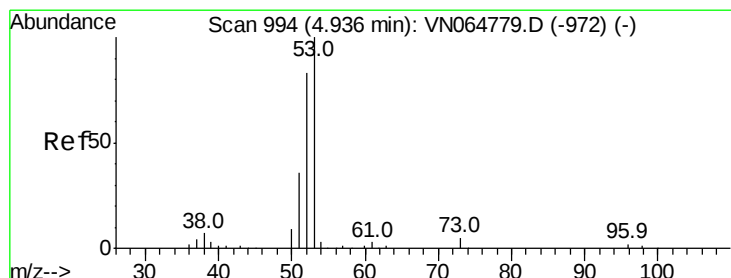
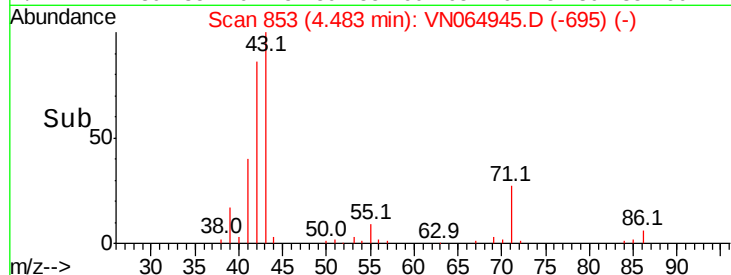
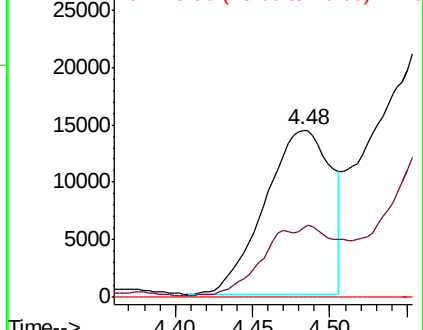
76 0.0 29.0 43.4#



Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO



#15

Acrylonitrile

Concen: 4.954 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.05 min

Lab File: VN064945.D

Acq: 7 Dec 2020 15:11

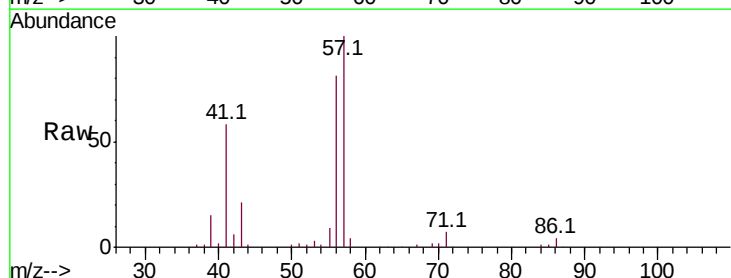
Tgt Ion: 53 Resp: 4896

Ion Ratio Lower Upper

53 100

52 39.7 65.5 98.3#

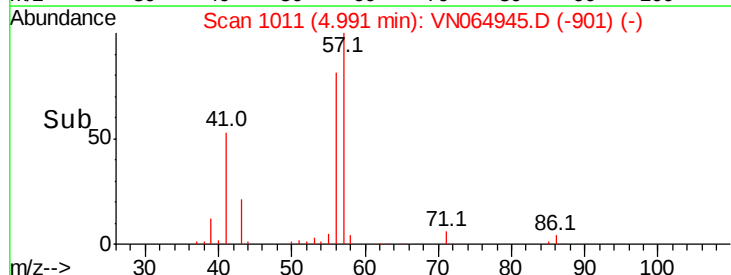
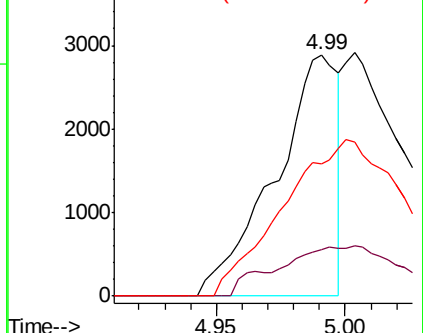
51 126.3 28.6 43.0#

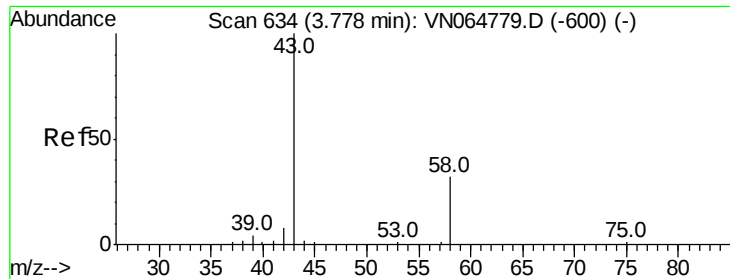


Abundance Ion 53.00 (52.70 to 53.70): VNO

Ion 52.00 (51.70 to 52.70): VNO

Ion 51.00 (50.70 to 51.70): VNO





#16

Acetone

Concen: 46.471 ug/l

RT: 3.76 min Scan# 627

Delta R.T. -0.02 min

Lab File: VN064945.D

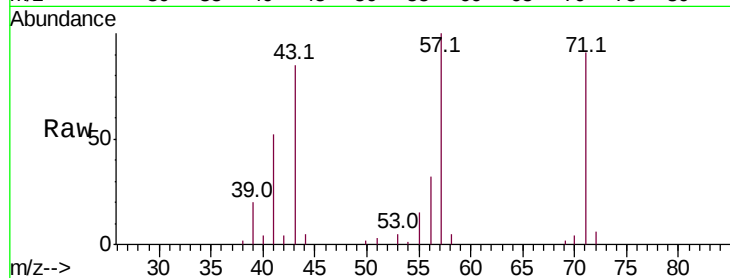
Acq: 7 Dec 2020 15:11

Tot Ion: 43 Resp: 35043

Ion Ratio Lower Upper

43 100

58 5.6 25.7 38.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

12000

10000

8000

6000

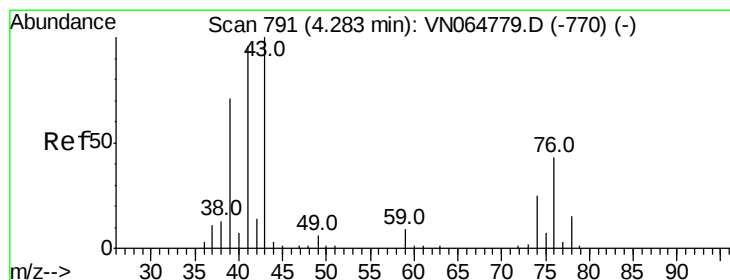
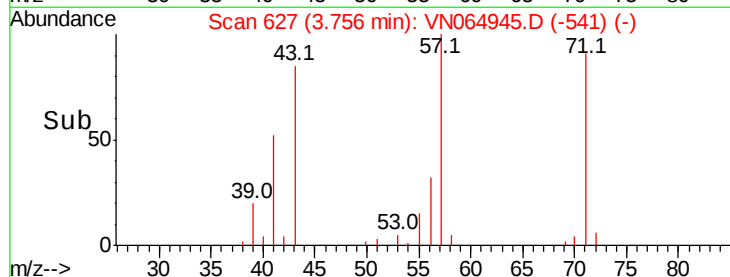
4000

2000

0

3.70 3.80

Time-->



#18

Methyl Acetate

Concen: 52.991 ug/l

RT: 4.48 min Scan# 853

Delta R.T. 0.20 min

Lab File: VN064945.D

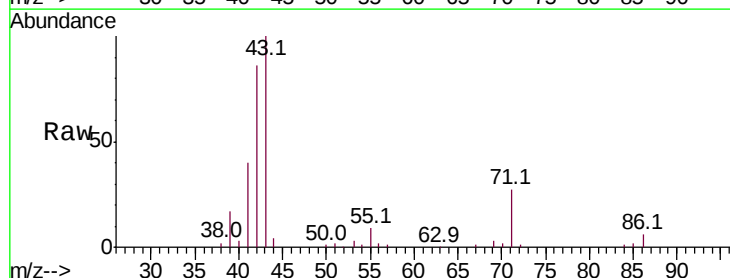
Acq: 7 Dec 2020 15:11

Tgt Ion: 43 Resp: 120139

Ion Ratio Lower Upper

43 100

74 0.0 20.2 30.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

40000

30000

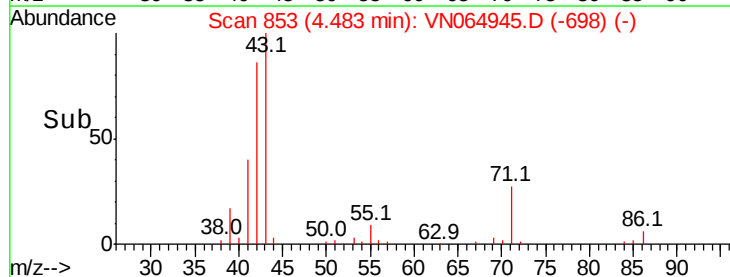
20000

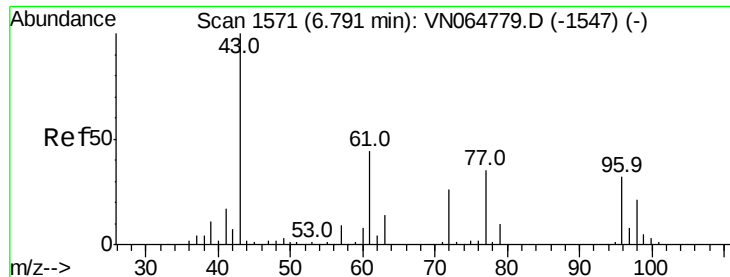
10000

0

4.35 4.40 4.45 4.50 4.55

Time-->





#25

2-Butanone

Concen: 2.856 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.01 min

Lab File: VN064945.D

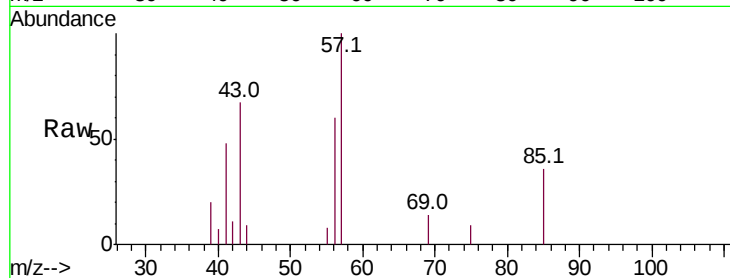
Acq: 7 Dec 2020 15:11

Tot Ion: 43 Resp: 3491

Ion Ratio Lower Upper

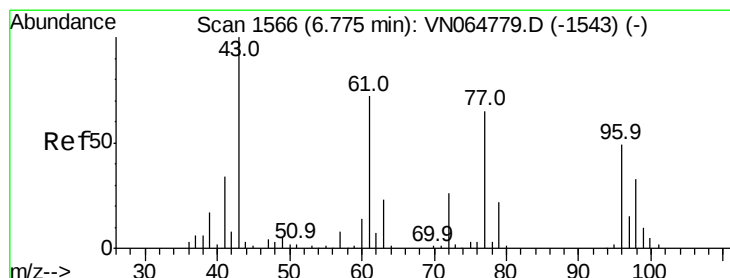
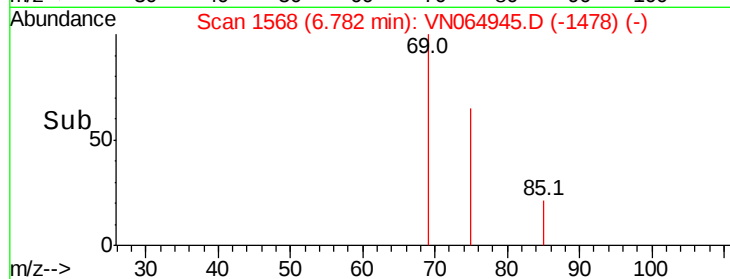
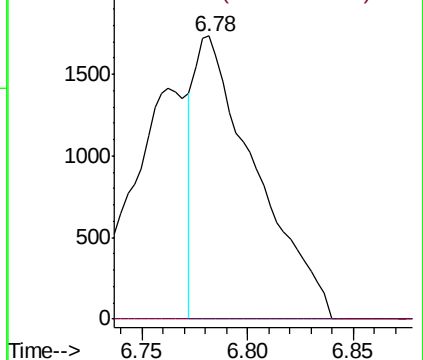
43 100

72 0.0 21.0 31.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 2.343 ug/l

RT: 6.58 min Scan# 1506

Delta R.T. -0.19 min

Lab File: VN064945.D

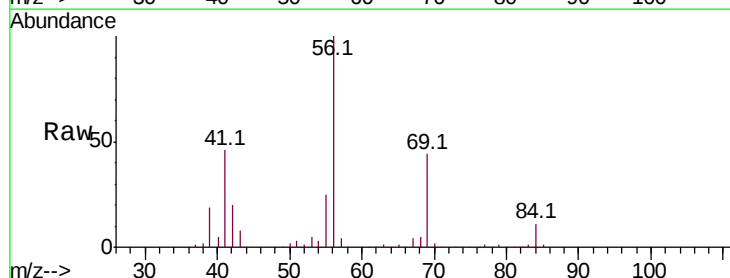
Acq: 7 Dec 2020 15:11

Tgt Ion: 77 Resp: 7670

Ion Ratio Lower Upper

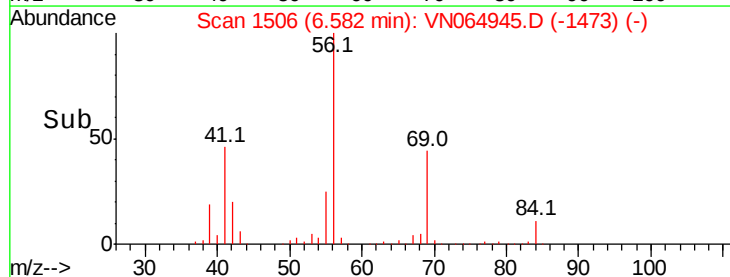
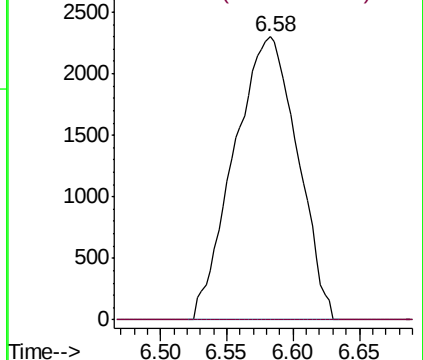
77 100

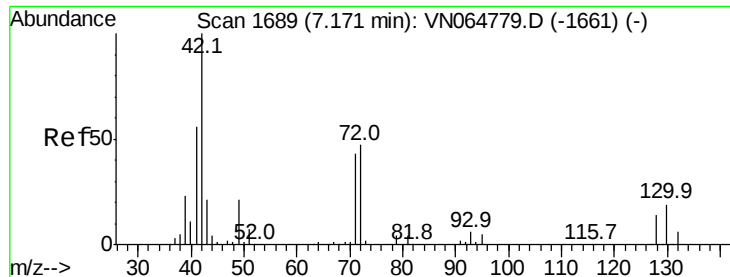
97 0.0 11.7 35.0#



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#29

Tetrahydrofuran

Concen: 1.855 ug/l

RT: 7.34 min Scan# 1743

Delta R.T. 0.17 min

Lab File: VN064945.D

Acq: 7 Dec 2020 15:11

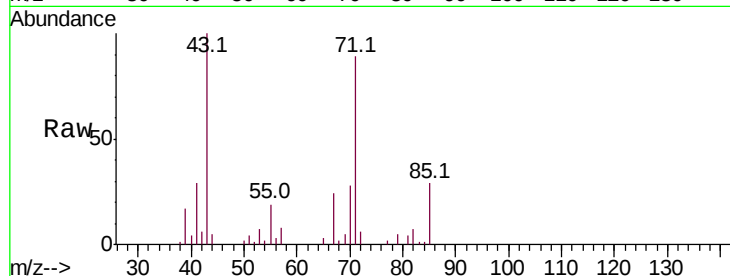
Tot Ion: 42 Resp: 1565

Ion Ratio Lower Upper

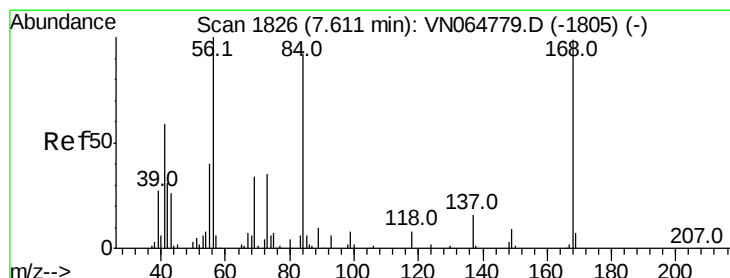
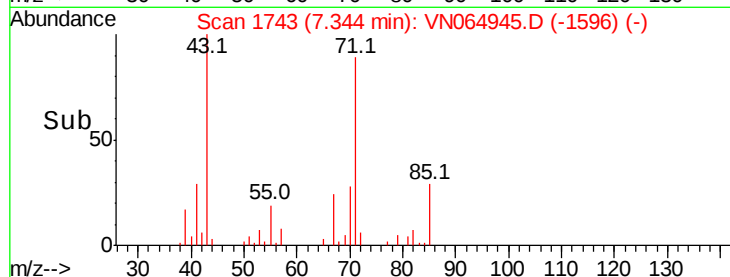
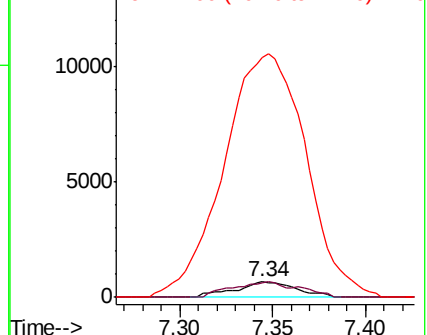
42 100

72 108.5 36.6 54.8#

71 2076.0 33.6 50.4#



Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 266.803 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064945.D

Acq: 7 Dec 2020 15:11

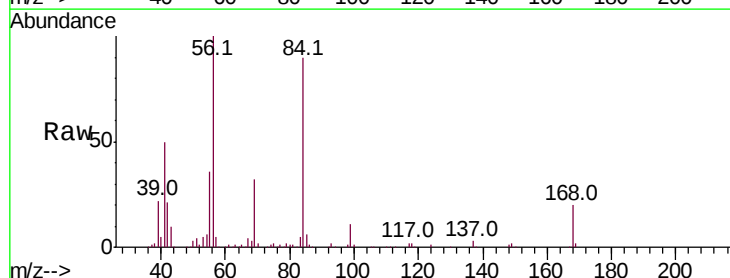
Tgt Ion: 56 Resp: 853015

Ion Ratio Lower Upper

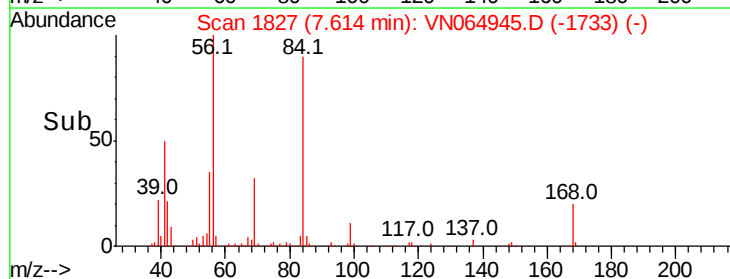
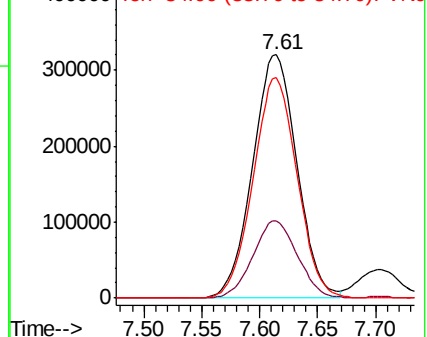
56 100

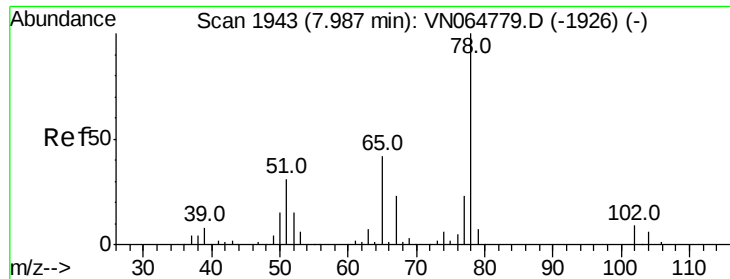
69 31.7 27.5 41.3

84 90.4 73.9 110.9



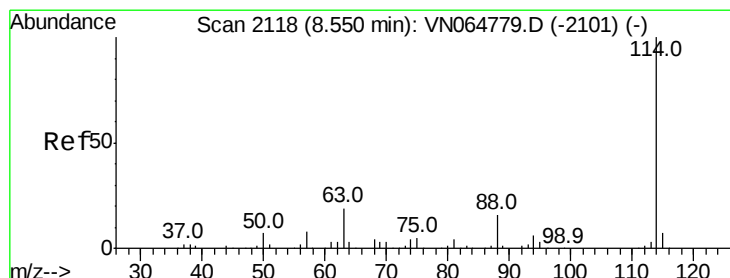
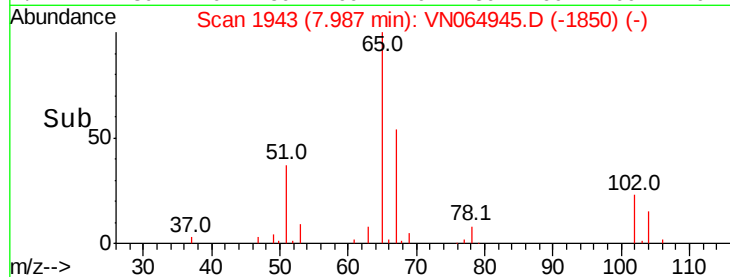
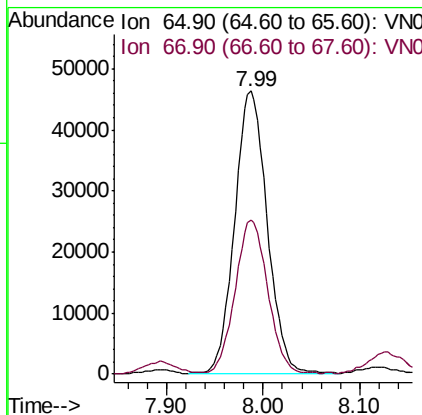
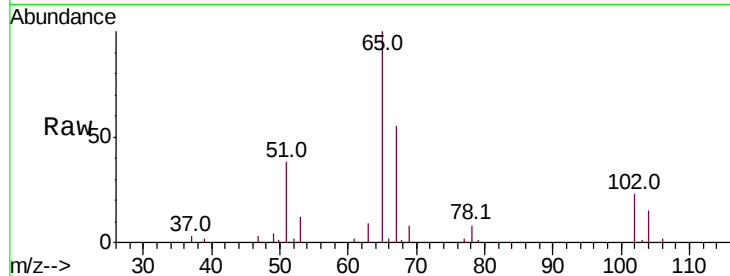
Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0





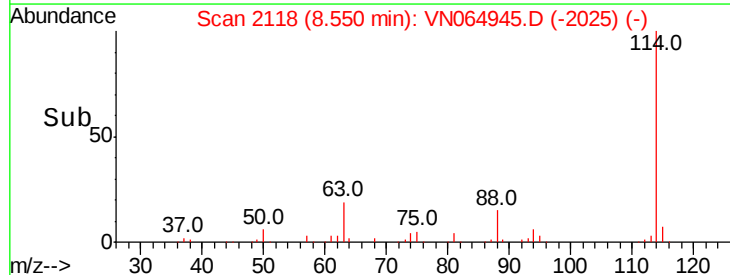
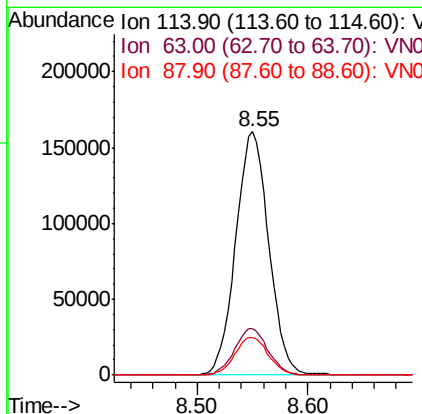
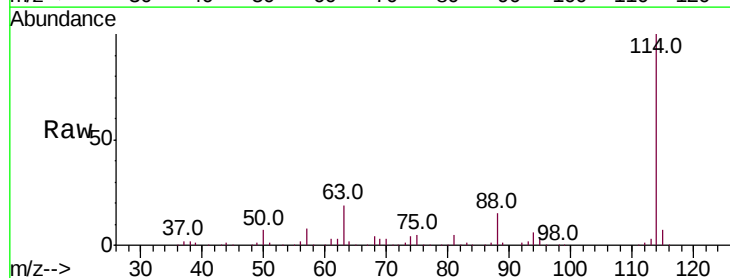
#33
 1,2-Dichloroethane-d4
 Concen: 46.820 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064945.D
 Acq: 7 Dec 2020 15:11

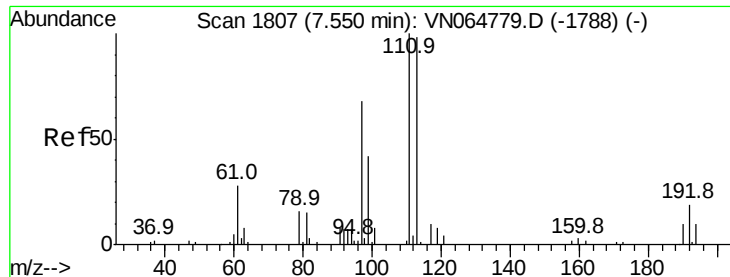
Tot Ion: 65 Resp: 107402
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064945.D
 Acq: 7 Dec 2020 15:11

Tgt Ion: 114 Resp: 333208
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.6
 88 15.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.735 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064945.D

Acq: 7 Dec 2020 15:11

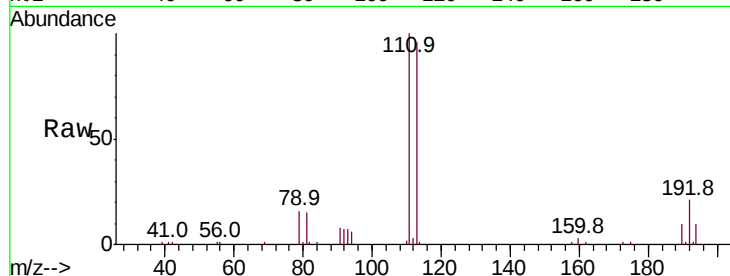
Tot Ion:113 Resp: 101156

Ion Ratio Lower Upper

113 100

111 102.5 81.6 122.4

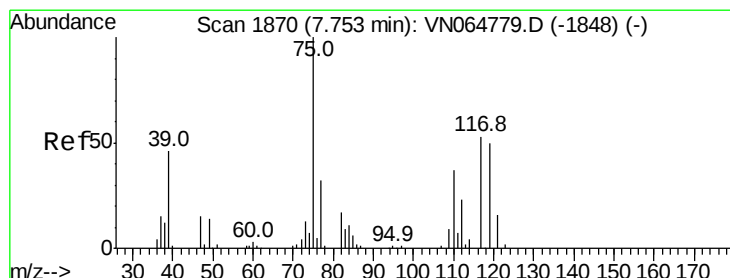
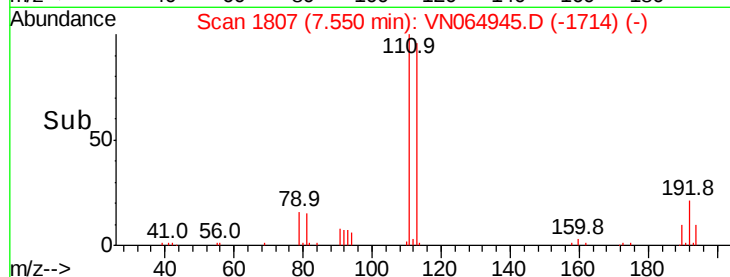
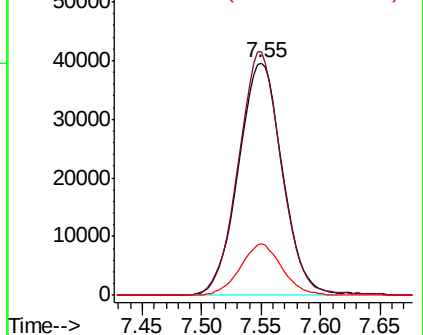
192 21.0 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.553 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.13 min

Lab File: VN064945.D

Acq: 7 Dec 2020 15:11

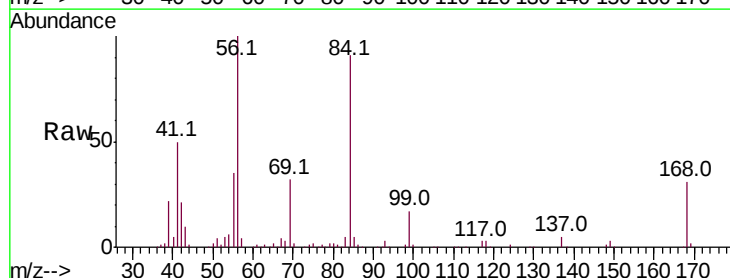
Tgt Ion: 75 Resp: 14062

Ion Ratio Lower Upper

75 100

110 6.1 17.8 53.3#

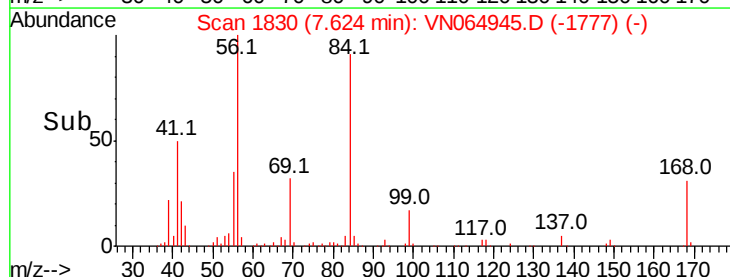
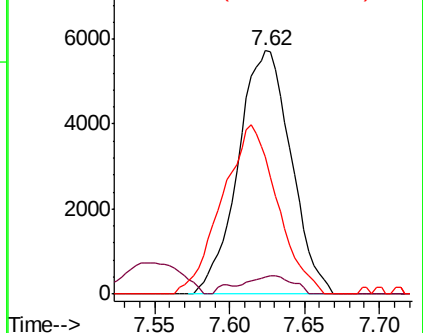
77 72.7 25.0 37.4#

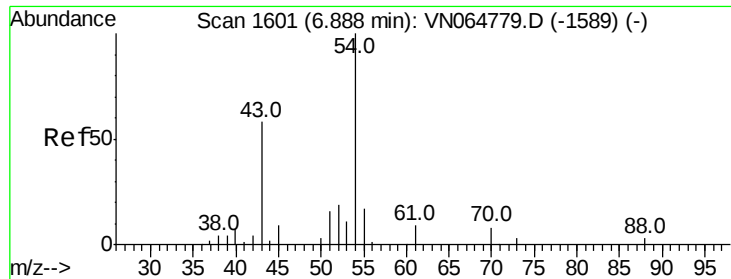


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 1.173 ug/l

RT: 6.78 min Scan# 1568

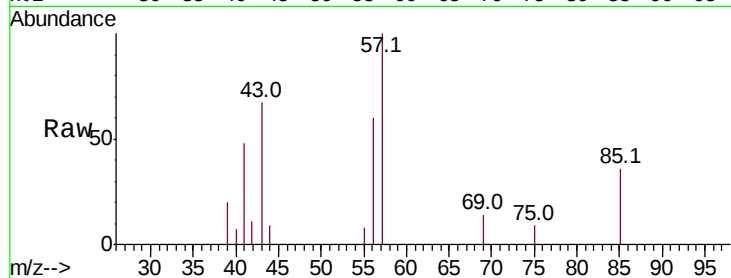
Delta R.T. -0.11 min

Lab File: VN064945.D

Acq: 7 Dec 2020 15:11

Tot Ion: 43 Resp: 3491

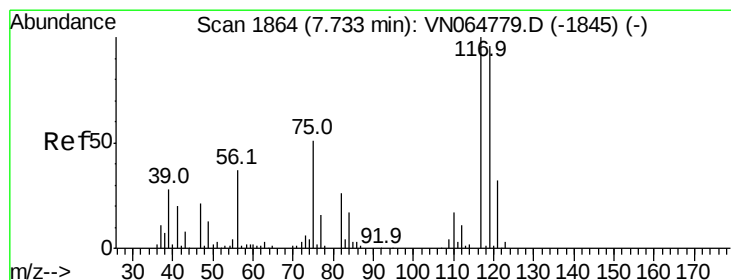
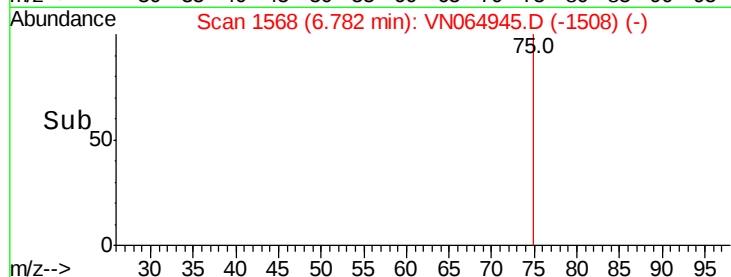
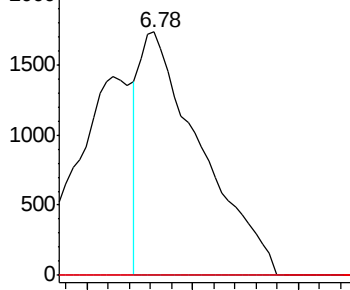
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.8	19.2#
70	0.0	8.8	13.2#



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-1589) (-)

Ion 60.90 (60.60 to 61.60): VN064779.D (-1589) (-)

Ion 70.00 (69.70 to 70.70): VN064779.D (-1589) (-)



#38

Carbon Tetrachloride

Concen: 5.533 ug/l

RT: 7.62 min Scan# 1830

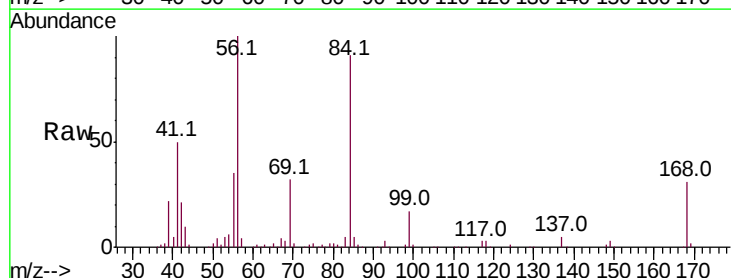
Delta R.T. -0.11 min

Lab File: VN064945.D

Acq: 7 Dec 2020 15:11

Tgt Ion: 117 Resp: 17782

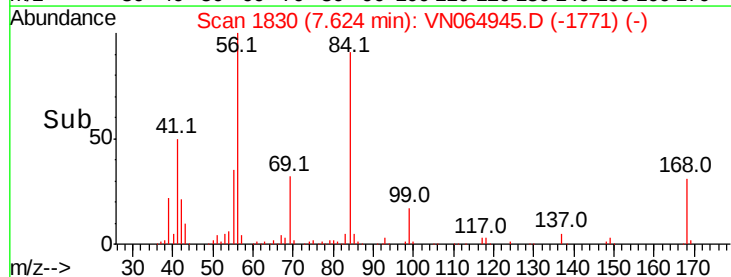
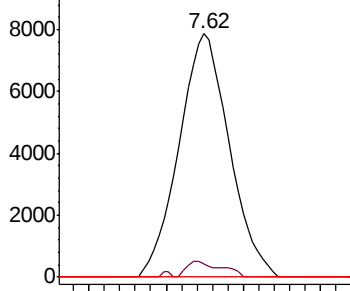
Ion	Ratio	Lower	Upper
117	100		
119	5.2	76.7	115.1#
121	0.0	25.4	38.2#

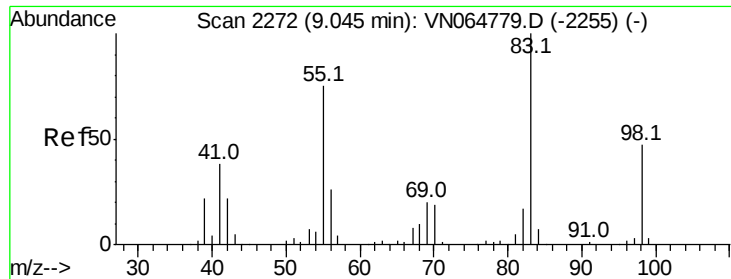


Abundance Ion 116.80 (116.50 to 117.50): VN064779.D (-1845) (-)

Ion 118.80 (118.50 to 119.50): VN064779.D (-1845) (-)

Ion 120.80 (120.50 to 121.50): VN064779.D (-1845) (-)

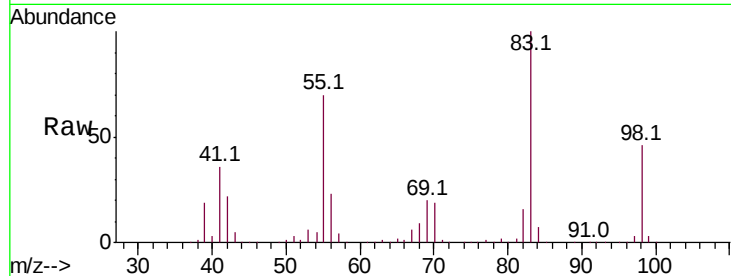




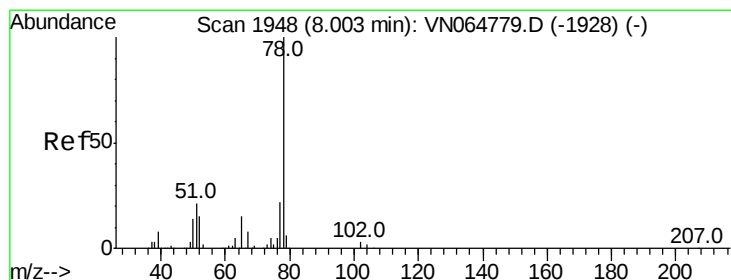
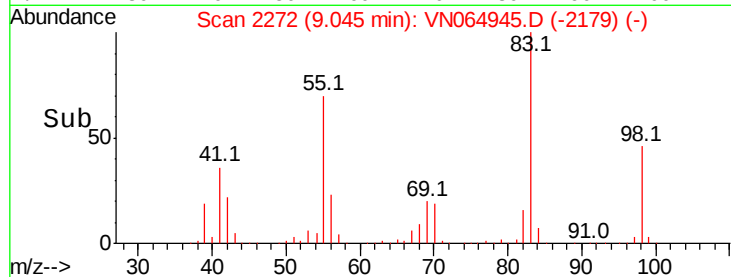
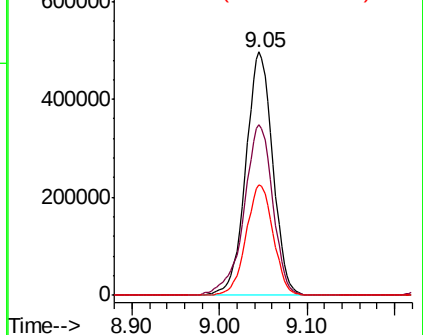
#39
Methvlcvclohexane
Concen: 319.049 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064945.D
Acq: 7 Dec 2020 15:11

Tot Ion: 83 Resp: 1060770

Ion	Ratio	Lower	Upper
83	100		
55	70.3	60.2	90.2
98	45.5	37.4	56.2



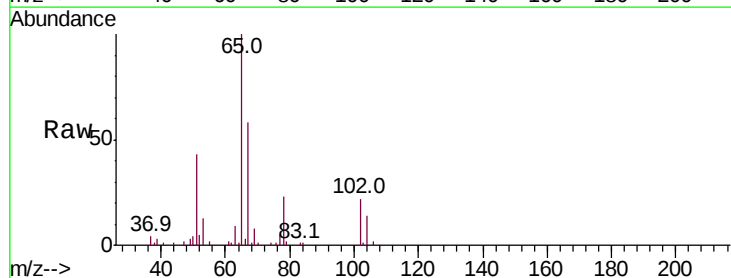
Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0



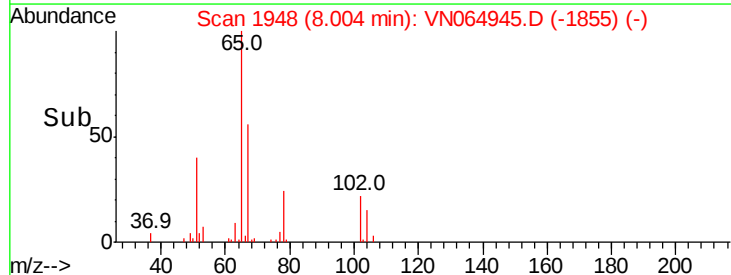
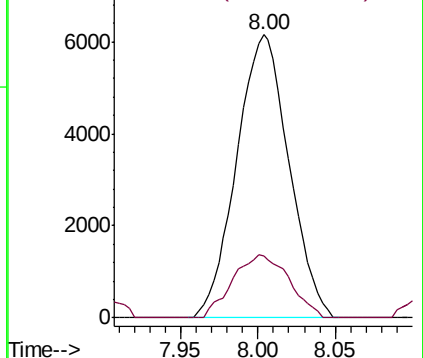
#40
Benzene
Concen: 1.528 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064945.D
Acq: 7 Dec 2020 15:11

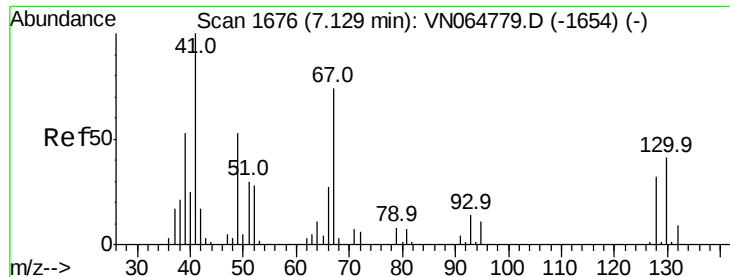
Tgt Ion: 78 Resp: 14460

Ion	Ratio	Lower	Upper
78	100		
77	22.1	17.9	26.9



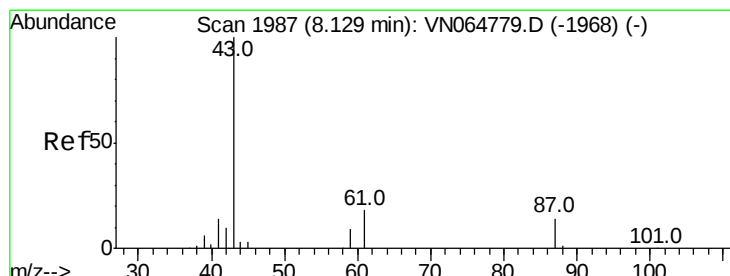
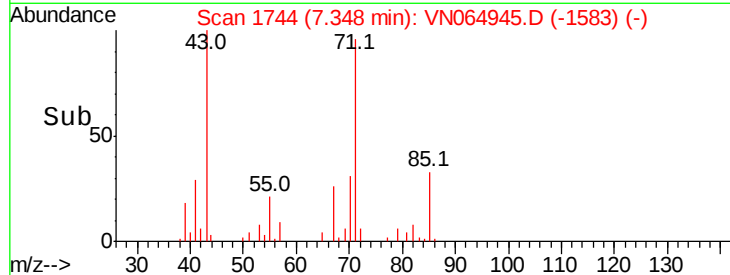
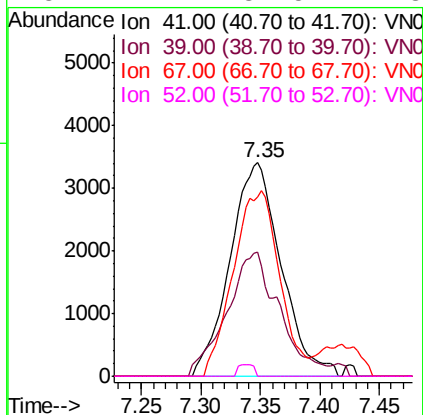
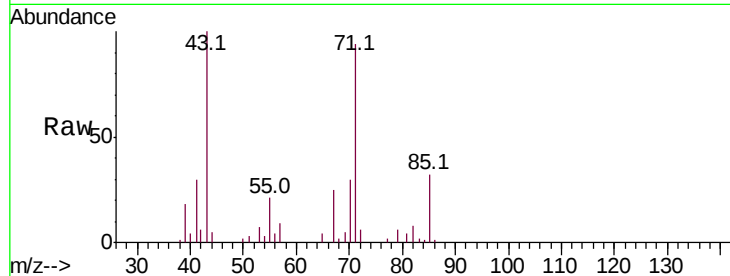
Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





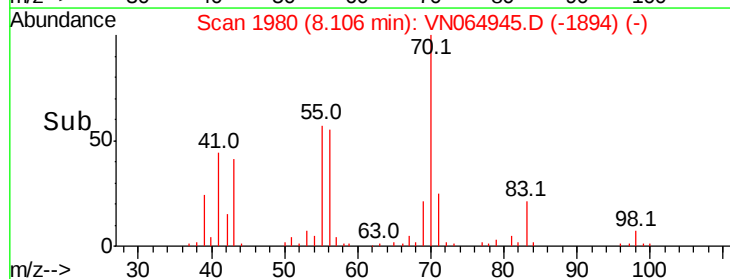
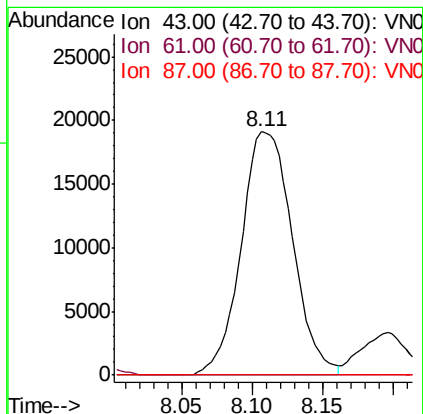
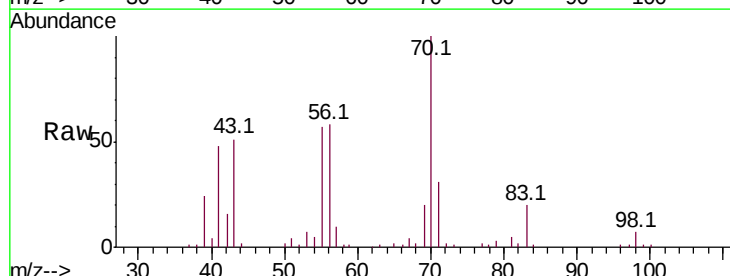
#41
Methacrylonitrile
Concen: 7.385 ug/l
RT: 7.35 min Scan# 1744
Delta R.T. 0.22 min
Lab File: VN064945.D
Acq: 7 Dec 2020 15:11

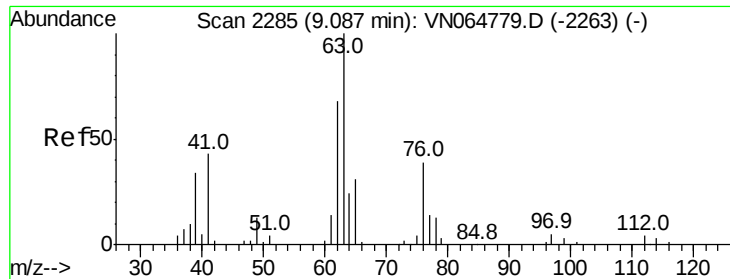
Tot Ion: 41 Resp: 10138
Ion Ratio Lower Upper
41 100
39 60.1 51.0 76.6
67 78.5 79.8 119.8#
52 1.7 31.5 47.3#



#43
Isopropyl Acetate
Concen: 10.160 ug/l
RT: 8.11 min Scan# 1980
Delta R.T. -0.02 min
Lab File: VN064945.D
Acq: 7 Dec 2020 15:11

Tgt Ion: 43 Resp: 48640
Ion Ratio Lower Upper
43 100
61 0.0 17.2 25.8#
87 0.0 11.4 17.0#





#45

1,2-Dichloropropane

Concen: 3.442 ug/l

RT: 9.04 min Scan# 2271

Delta R.T. -0.04 min

Lab File: VN064945.D

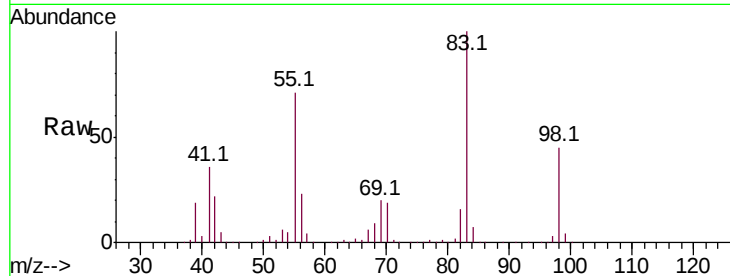
Acq: 7 Dec 2020 15:11

Tot Ion: 63 Resp: 8437

Ion Ratio Lower Upper

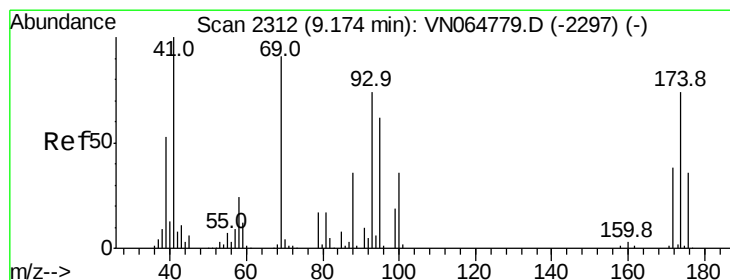
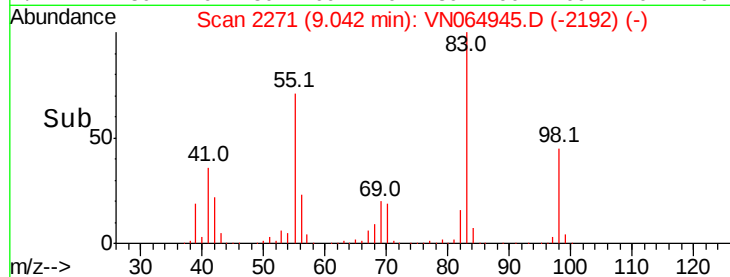
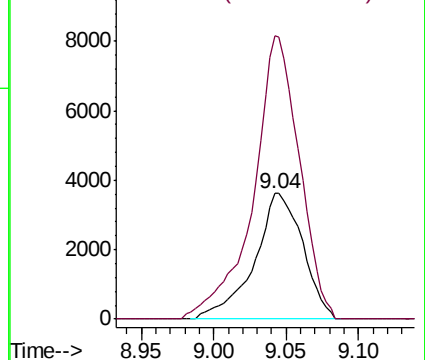
63 100

65 225.0 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 0.208 ug/l

RT: 9.05 min Scan# 2274

Delta R.T. -0.12 min

Lab File: VN064945.D

Acq: 7 Dec 2020 15:11

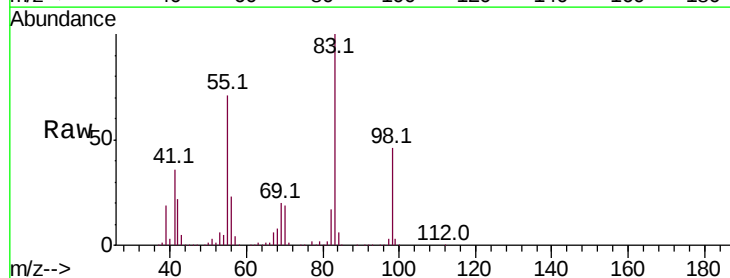
Tgt Ion: 93 Resp: 341

Ion Ratio Lower Upper

93 100

95 0.0 68.8 103.2#

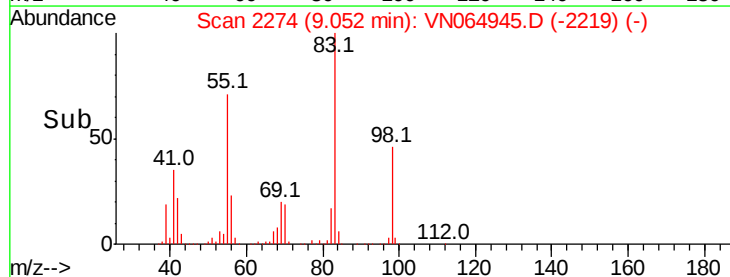
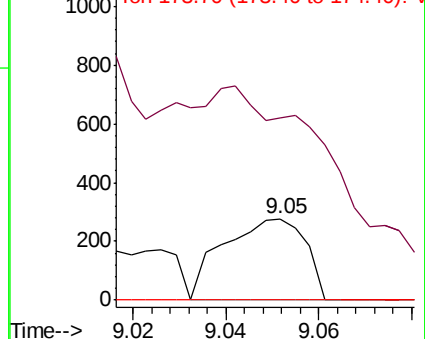
174 0.0 83.1 124.7#

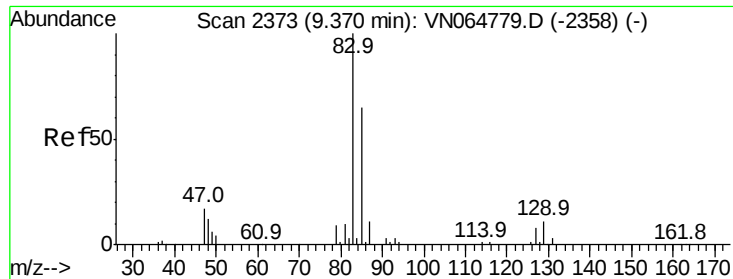


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 1.158 ug/l

RT: 9.48 min Scan# 2406

Delta R.T. 0.11 min

Lab File: VN064945.D

Acq: 7 Dec 2020 15:11

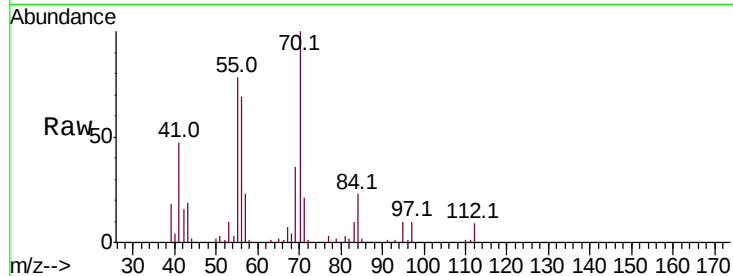
Tot Ion: 83 Resp: 3816

Ion Ratio Lower Upper

83 100

85 20.2 51.8 77.8#

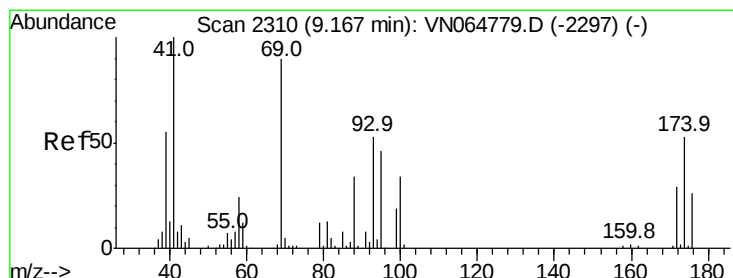
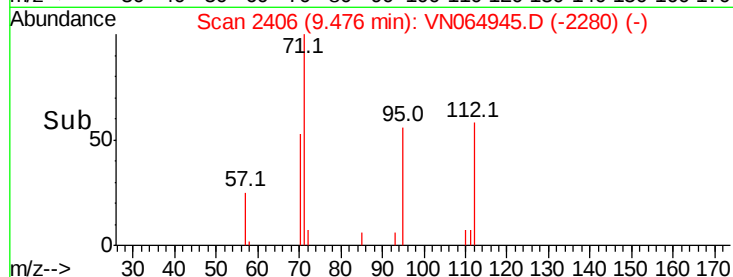
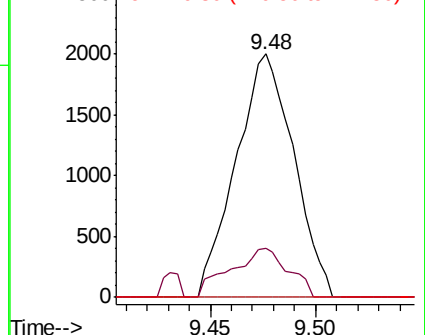
127 0.0 6.8 10.2#



Abundance Ion 82.90 (82.60 to 83.60): VN064779.D (-2358) (-)

Ion 84.90 (84.60 to 85.60): VN064779.D (-2358) (-)

Ion 126.80 (126.50 to 127.50): VN064779.D (-2358) (-)



#48

Methyl methacrylate

Concen: 12.408 ug/l

RT: 9.23 min Scan# 2331

Delta R.T. 0.07 min

Lab File: VN064945.D

Acq: 7 Dec 2020 15:11

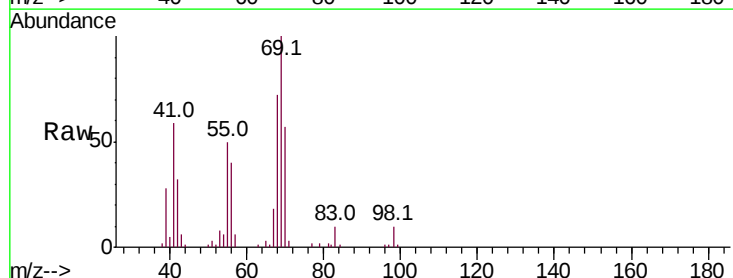
Tgt Ion: 41 Resp: 28383

Ion Ratio Lower Upper

41 100

69 177.6 71.8 107.8#

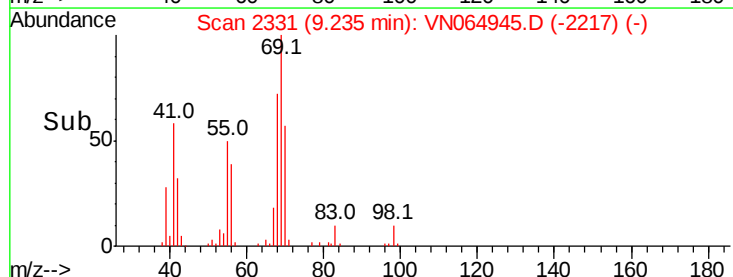
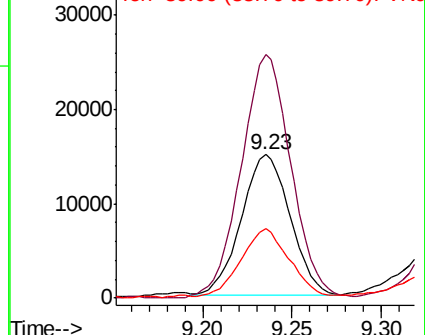
39 47.3 44.1 66.1

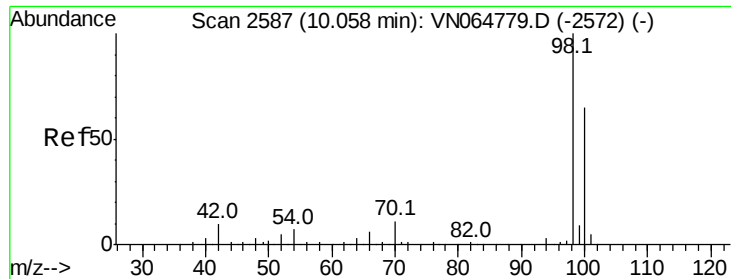


Abundance Ion 41.00 (40.70 to 41.70): VN064779.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN064779.D (-2297) (-)

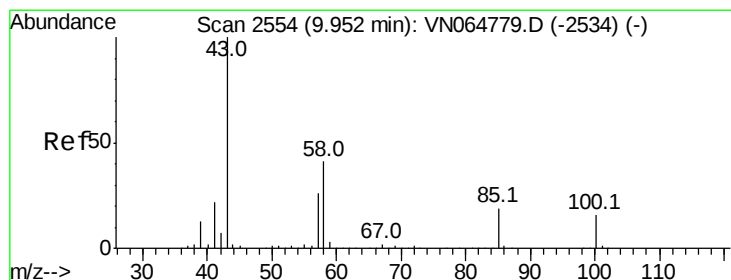
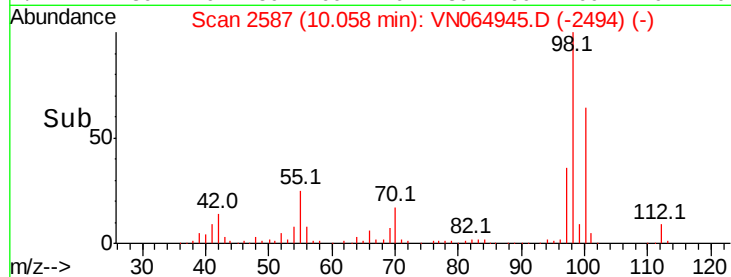
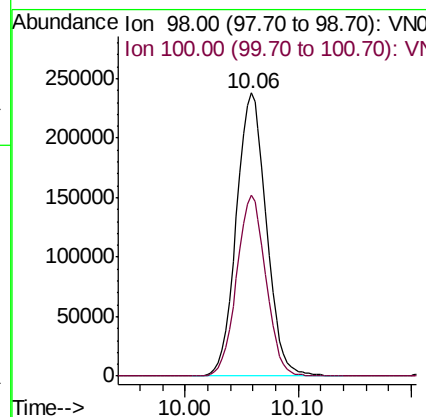
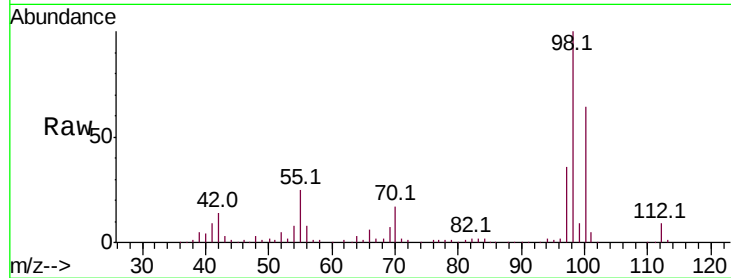
Ion 39.00 (38.70 to 39.70): VN064779.D (-2297) (-)





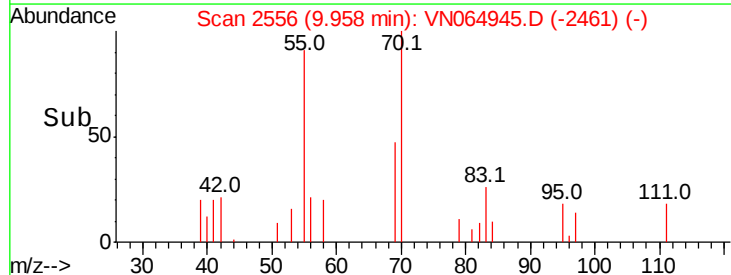
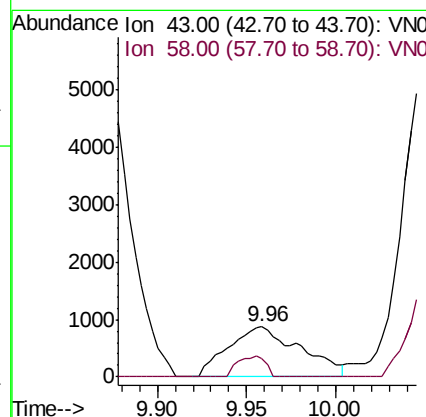
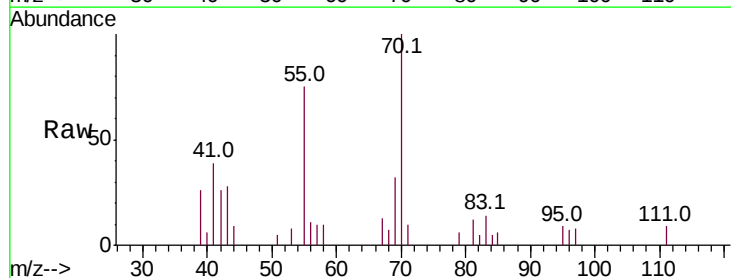
#50
Toluene-d8
Concen: 54.042 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064945.D
Acq: 7 Dec 2020 15:11

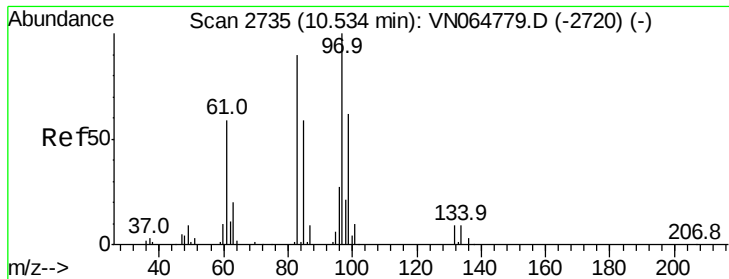
Tot Ion: 98 Resp: 440259
Ion Ratio Lower Upper
98 100
100 62.0 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.859 ug/l
RT: 9.96 min Scan# 2556
Delta R.T. 0.01 min
Lab File: VN064945.D
Acq: 7 Dec 2020 15:11

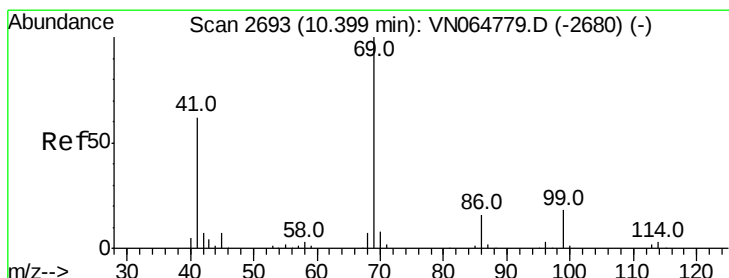
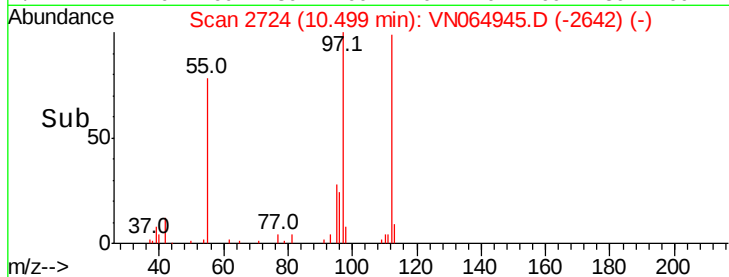
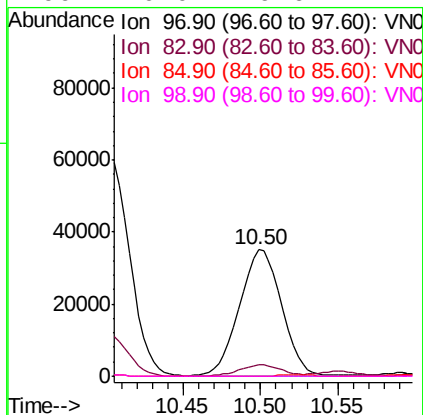
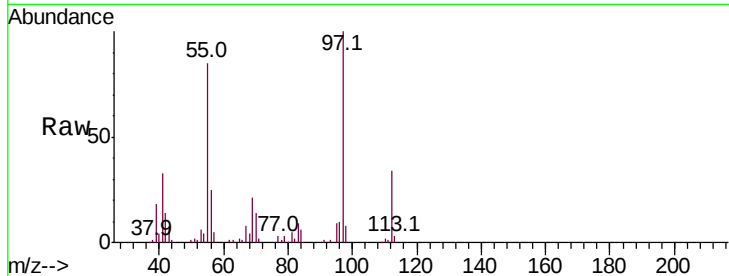
Tgt Ion: 43 Resp: 2469
Ion Ratio Lower Upper
43 100
58 15.7 32.4 48.6#





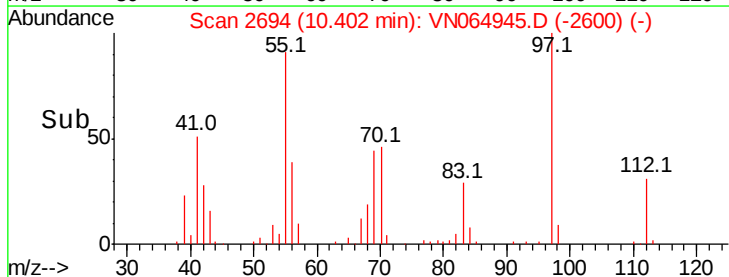
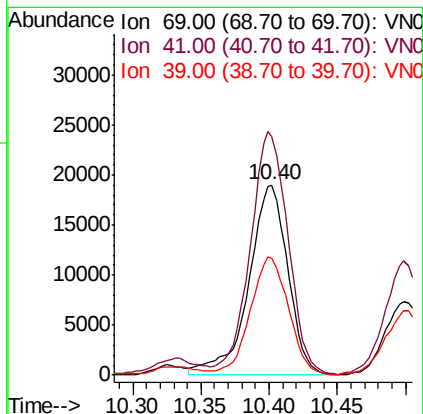
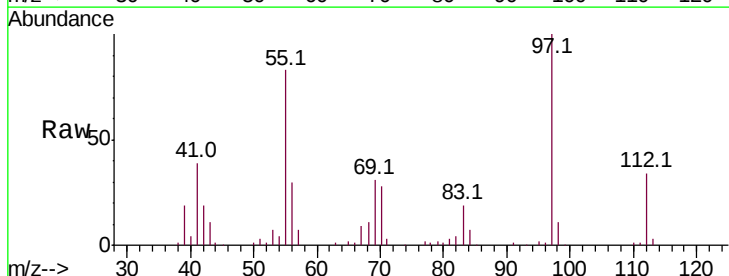
#55
1,1,2-Trichloroethane
Concen: 27.851 ug/l
RT: 10.50 min Scan# 2724
Delta R.T. -0.04 min
Lab File: VN064945.D
Acq: 7 Dec 2020 15:11

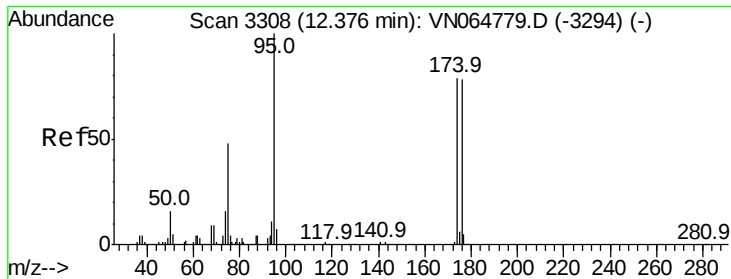
Tot Ion: 97 Resp: 66752
Ion Ratio Lower Upper
97 100
83 8.8 72.1 108.1#
85 0.5 46.8 70.2#
99 0.0 49.6 74.4#



#56
Ethyl methacrylate
Concen: 11.467 ug/l
RT: 10.40 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VN064945.D
Acq: 7 Dec 2020 15:11

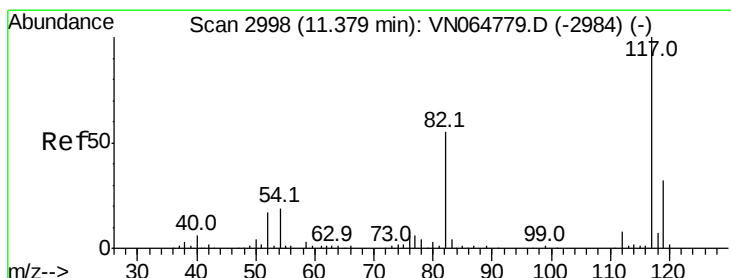
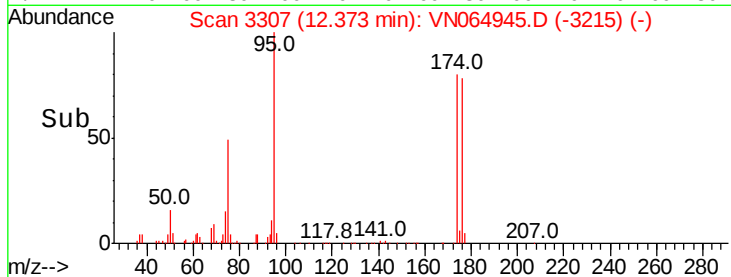
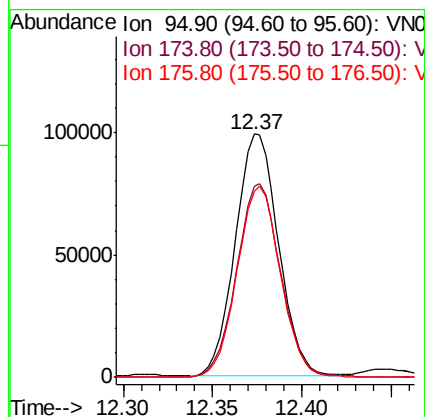
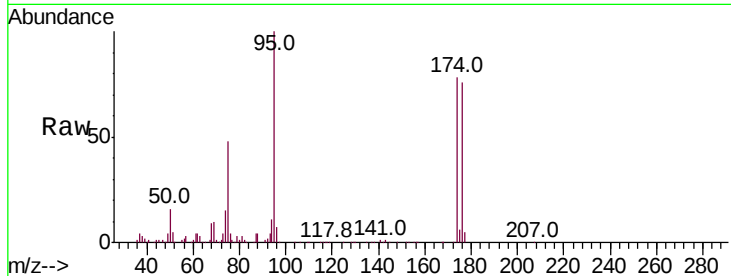
Tgt Ion: 69 Resp: 37927
Ion Ratio Lower Upper
69 100
41 124.0 49.4 74.0#
39 60.7 25.9 38.9#





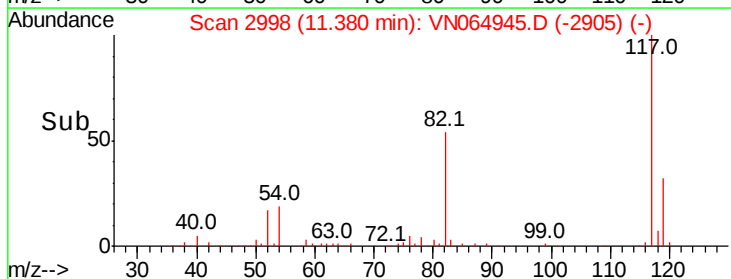
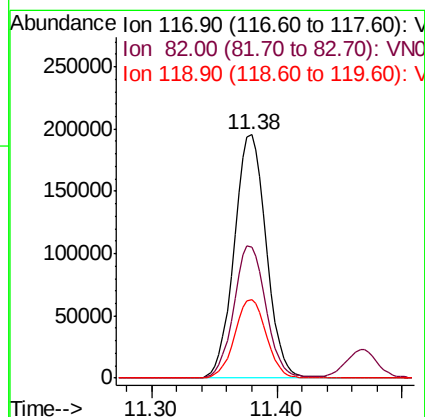
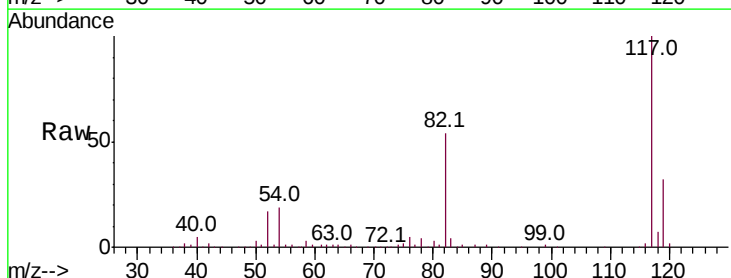
#62
4-Bromofluorobenzene
Concen: 57.513 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN064945.D
Acq: 7 Dec 2020 15:11

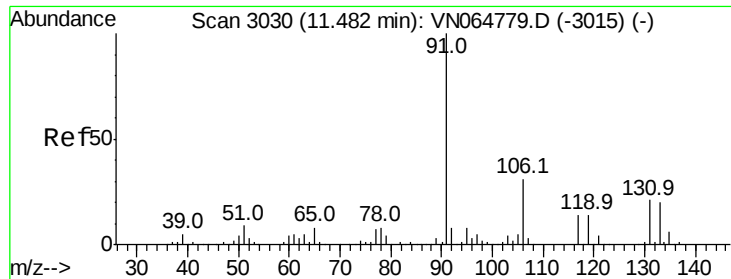
Tot Ion: 95 Resp: 167678
Ion Ratio Lower Upper
95 100
174 81.4 0.0 160.4
176 79.4 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064945.D
Acq: 7 Dec 2020 15:11

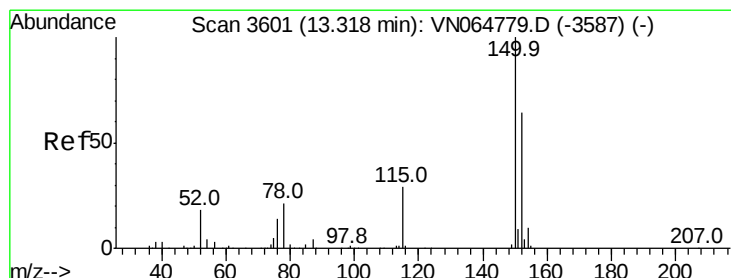
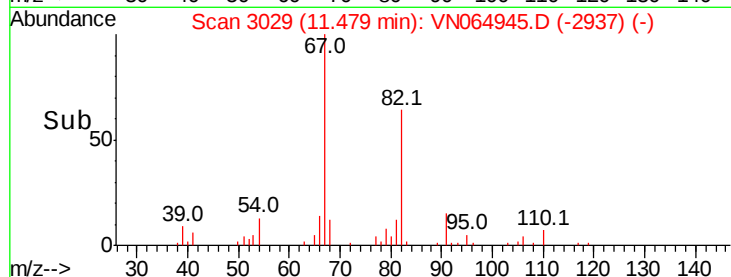
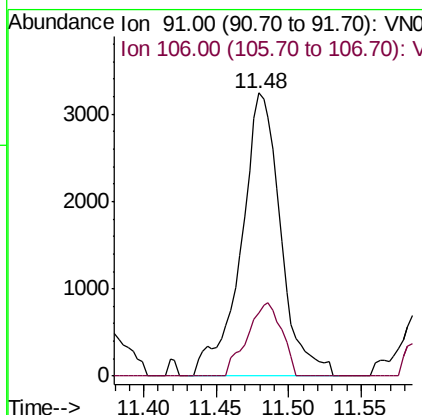
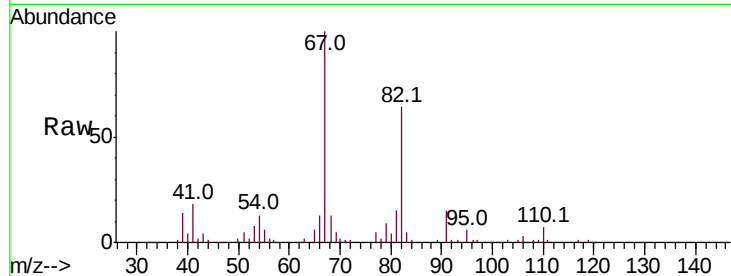
Tgt Ion: 117 Resp: 346827
Ion Ratio Lower Upper
117 100
82 53.8 44.2 66.2
119 32.1 25.8 38.6





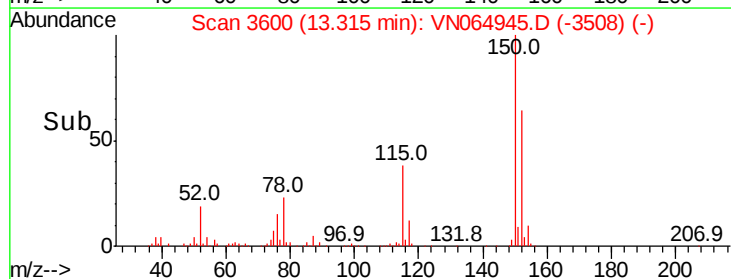
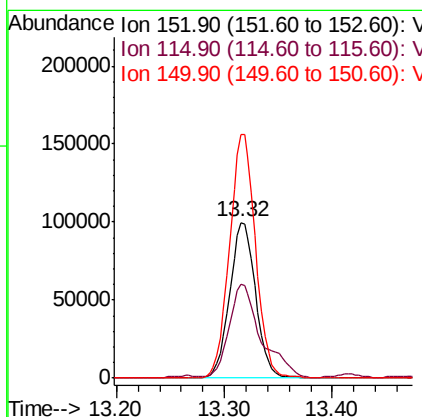
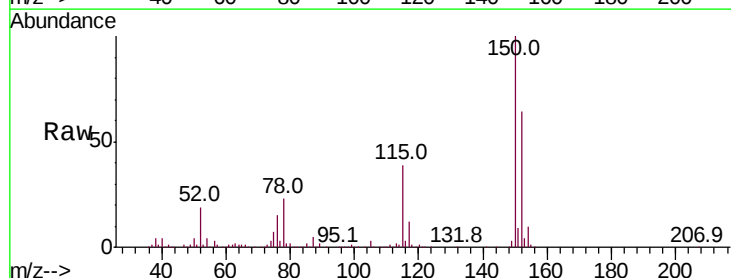
#67
Ethyl Benzene
Concen: 0.495 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064945.D
Acq: 7 Dec 2020 15:11

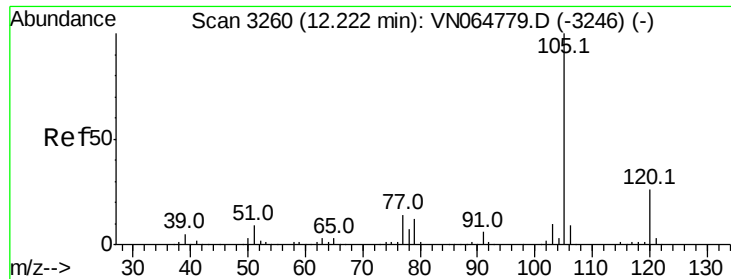
Tot Ion: 91 Resp: 6160
Ion Ratio Lower Upper
91 100
106 22.4 25.2 37.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064945.D
Acq: 7 Dec 2020 15:11

Tgt Ion: 152 Resp: 167399
Ion Ratio Lower Upper
152 100
115 74.1 29.7 89.1
150 156.9 0.0 350.6





#73

Isopropylbenzene

Concen: 0.227 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064945.D

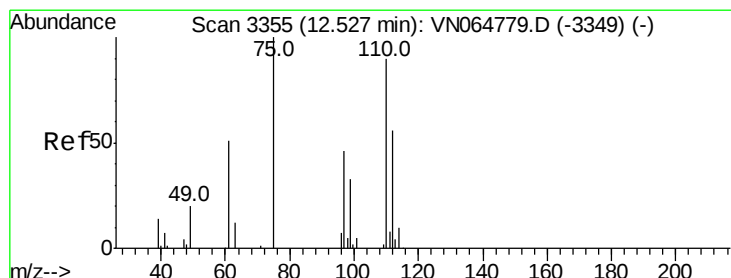
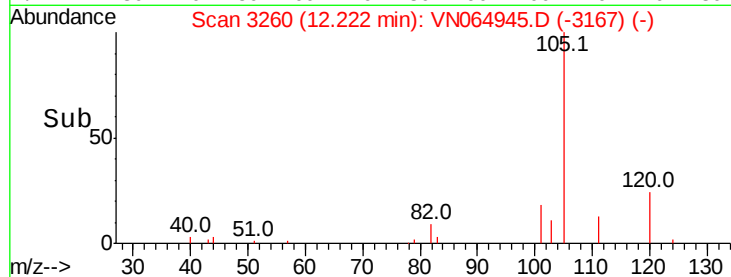
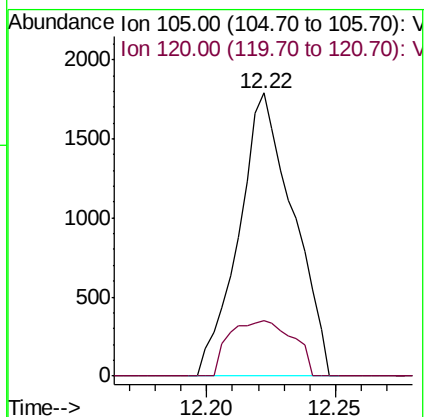
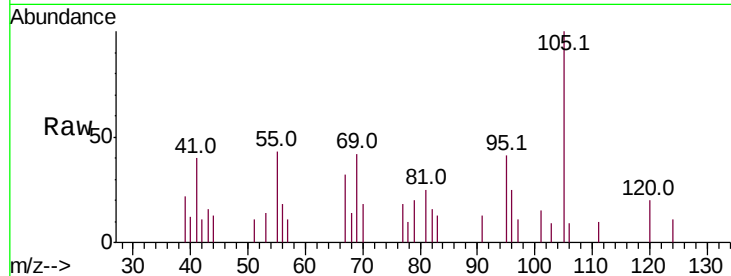
Acq: 7 Dec 2020 15:11

Tot Ion:105 Resp: 2639

Ion Ratio Lower Upper

105 100

120 22.8 13.3 39.9



#76

1,2,3-Trichloropropane

Concen: 22.459 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN064945.D

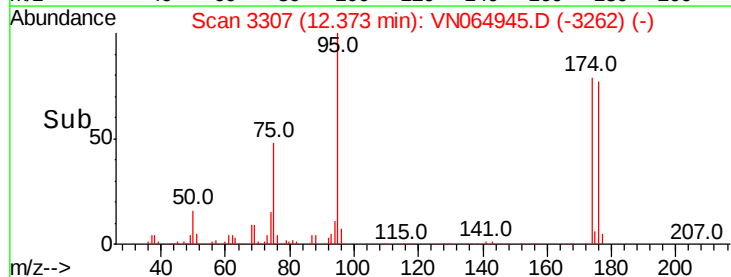
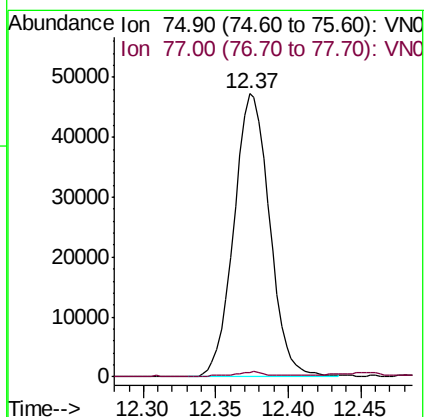
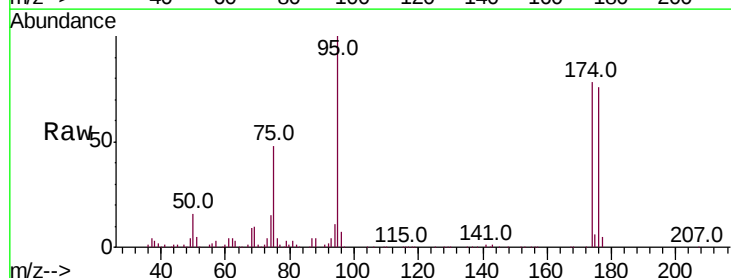
Acq: 7 Dec 2020 15:11

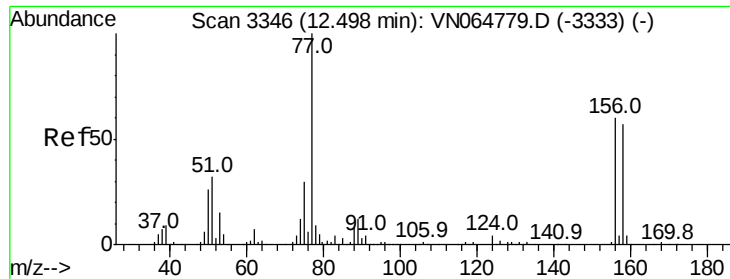
Tgt Ion: 75 Resp: 80965

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#





#77

Bromobenzene

Concen: 3.079 ug/l

RT: 12.47 min Scan# 3337

Delta R.T. -0.03 min

Lab File: VN064945.D

Acq: 7 Dec 2020 15:11

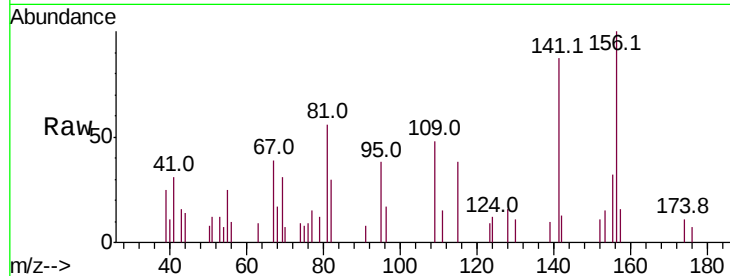
Tot Ion:156 Resp: 9665

Ion Ratio Lower Upper

156 100

77 11.2 101.3 303.7#

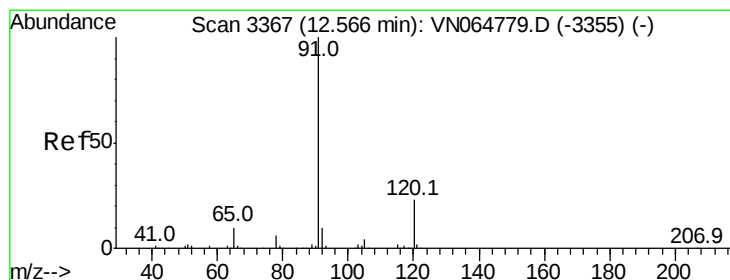
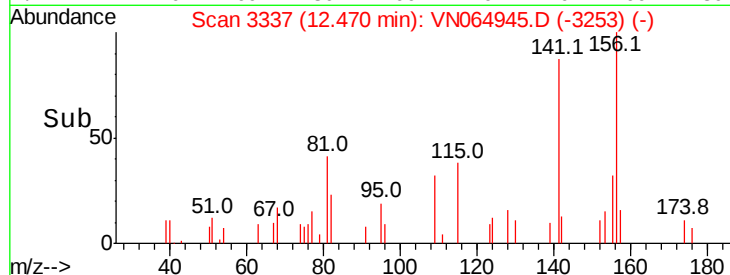
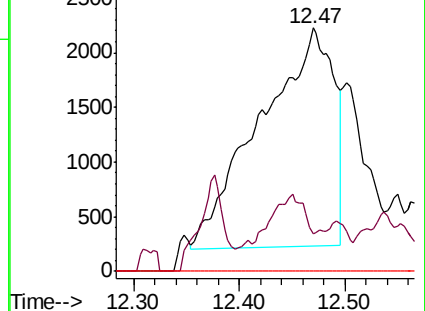
158 0.0 48.2 144.6#



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: 0.321 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064945.D

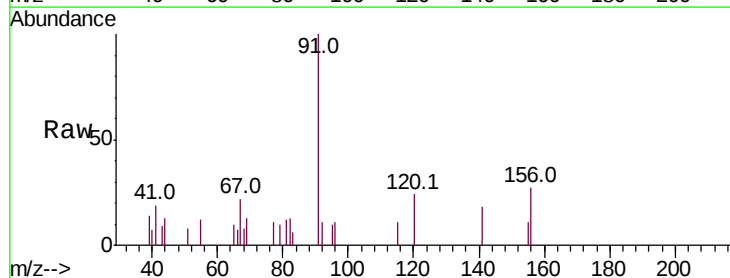
Acq: 7 Dec 2020 15:11

Tgt Ion: 91 Resp: 4254

Ion Ratio Lower Upper

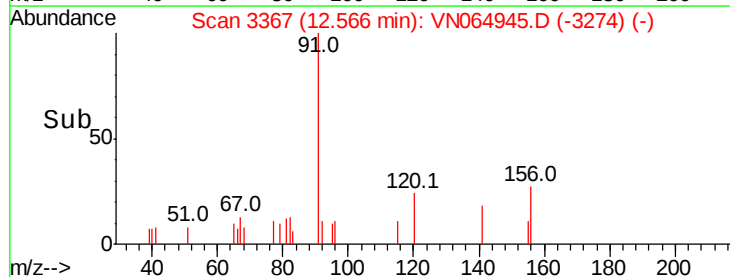
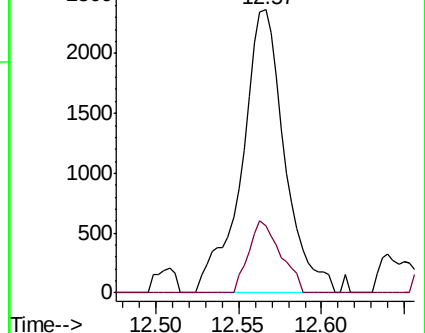
91 100

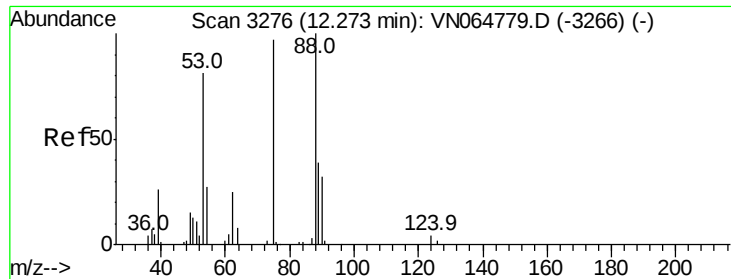
120 19.1 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 61.554 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN064945.D

Acq: 7 Dec 2020 15:11

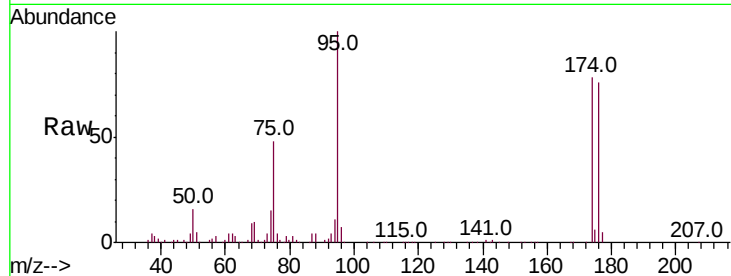
Tot Ion: 75 Resp: 80965

Ion Ratio Lower Upper

75 100

53 0.2 67.0 100.4#

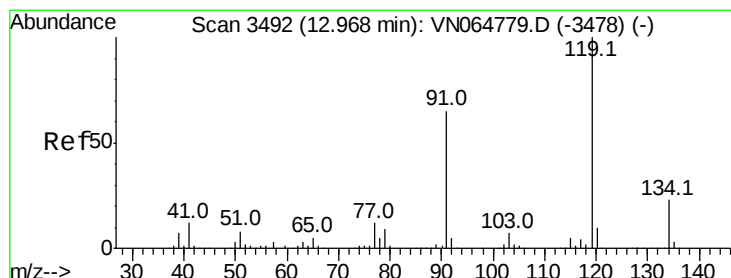
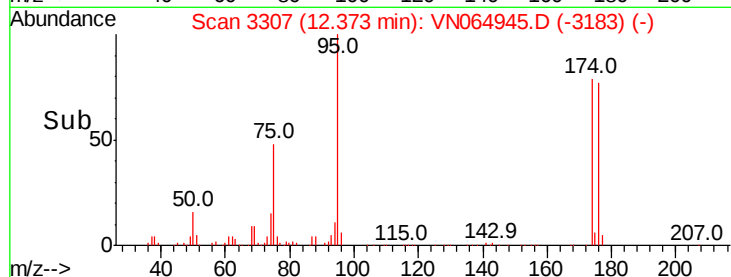
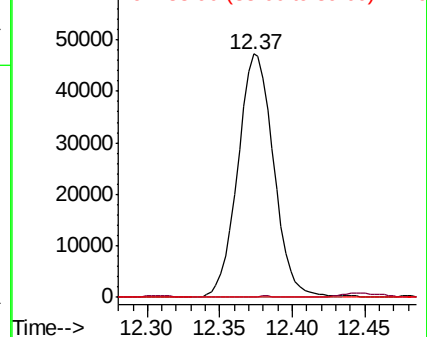
89 0.0 39.6 59.4#



Abundance Ion 74.90 (74.60 to 75.60): VN064779.D (-3266) (-)

Ion 53.00 (52.70 to 53.70): VN064779.D (-3266) (-)

Ion 88.90 (88.60 to 89.60): VN064779.D (-3266) (-)



#83

tert-Butylbenzene

Concen: 1.138 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. 0.00 min

Lab File: VN064945.D

Acq: 7 Dec 2020 15:11

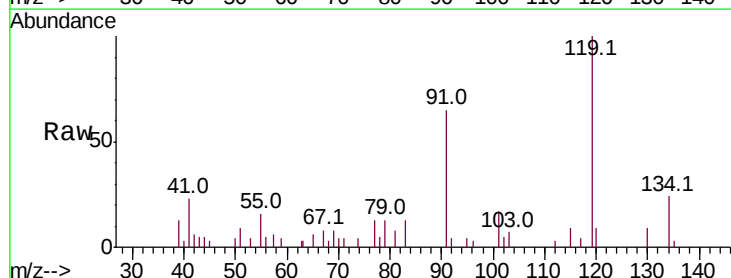
Tgt Ion: 119 Resp: 9231

Ion Ratio Lower Upper

119 100

91 69.7 32.3 96.8

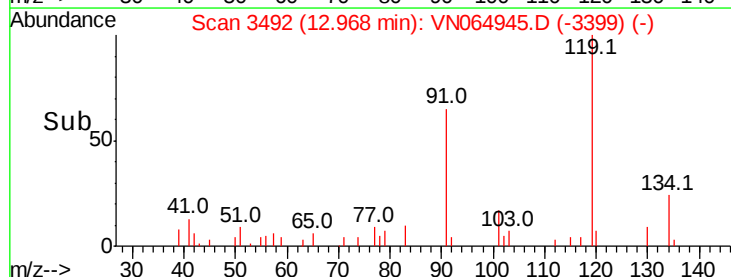
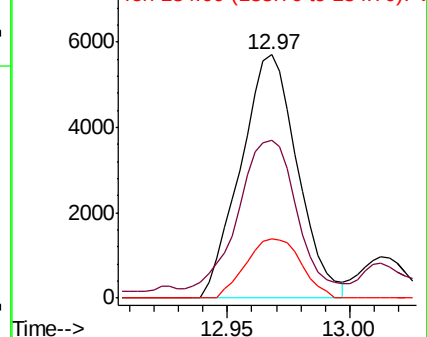
134 23.7 12.6 37.6

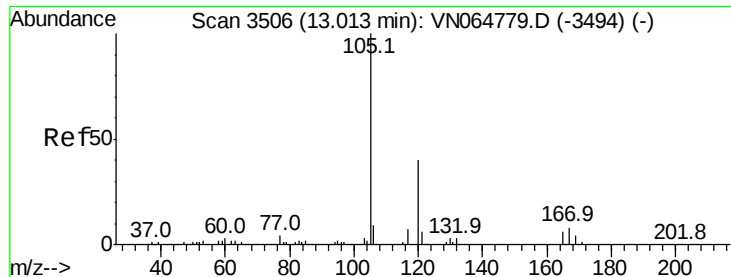


Abundance Ion 119.00 (118.70 to 119.70): VN064779.D (-3478) (-)

Ion 91.00 (90.70 to 91.70): VN064779.D (-3478) (-)

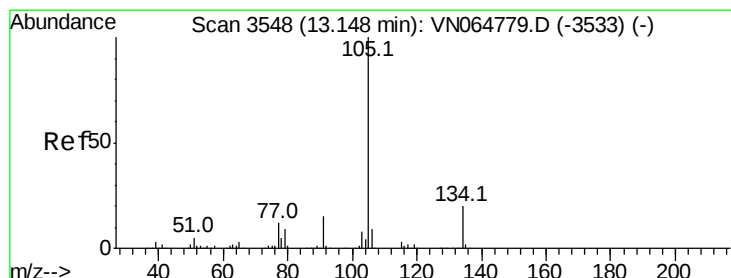
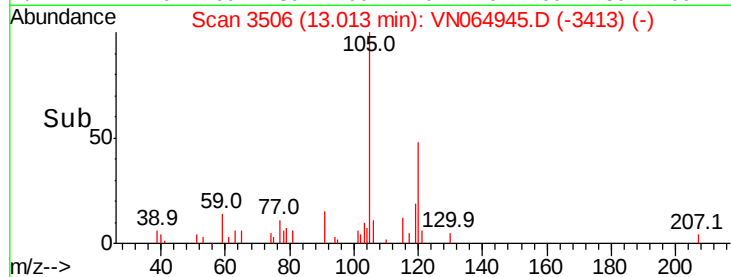
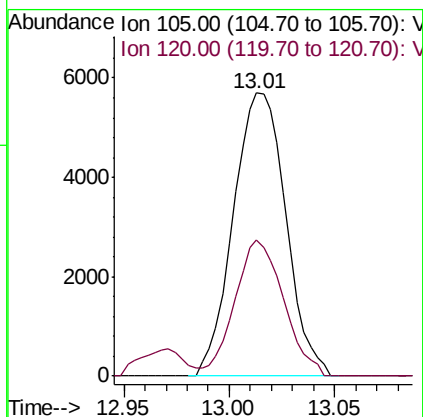
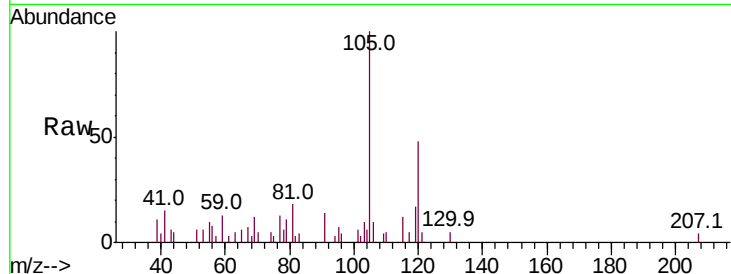
Ion 134.00 (133.70 to 134.70): VN064779.D (-3478) (-)





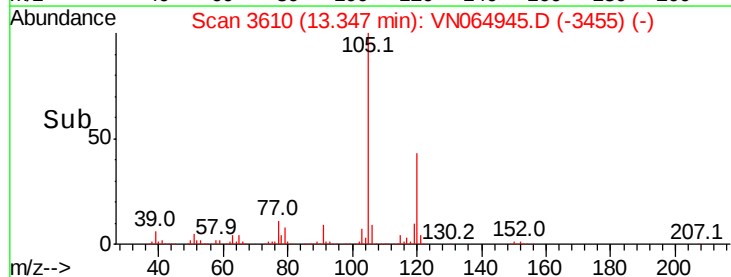
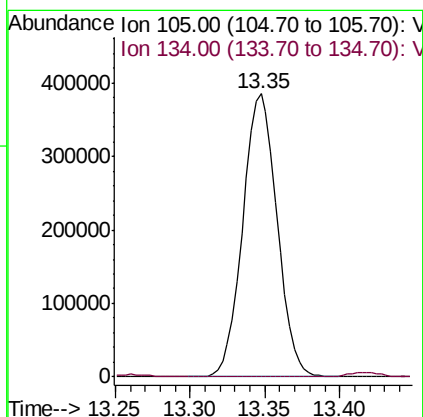
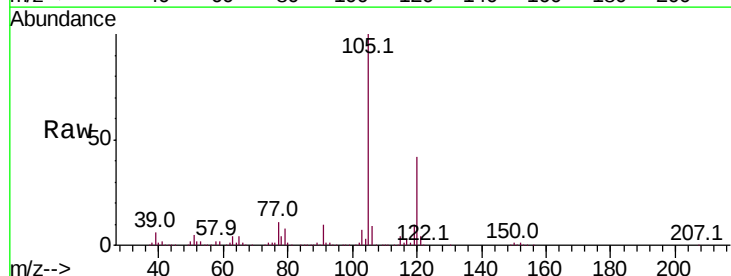
#84
 1,2,4-Trimethylbenzene
 Concen: 1.007 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064945.D
 Acq: 7 Dec 2020 15:11

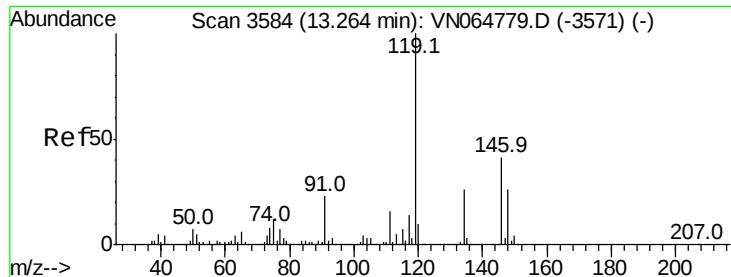
Tot Ion:105 Resp: 9849
 Ion Ratio Lower Upper
 105 100
 120 44.6 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 57.136 ug/l
 RT: 13.35 min Scan# 3610
 Delta R.T. 0.20 min
 Lab File: VN064945.D
 Acq: 7 Dec 2020 15:11

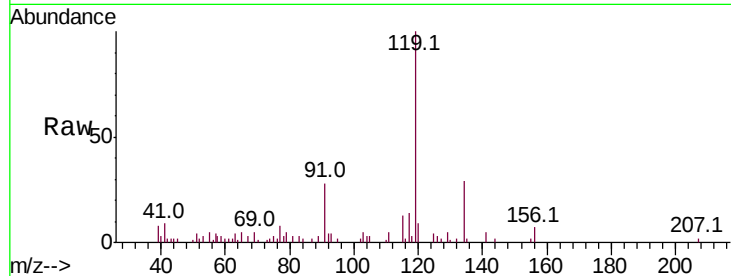
Tgt Ion:105 Resp: 615405
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.1 30.1#



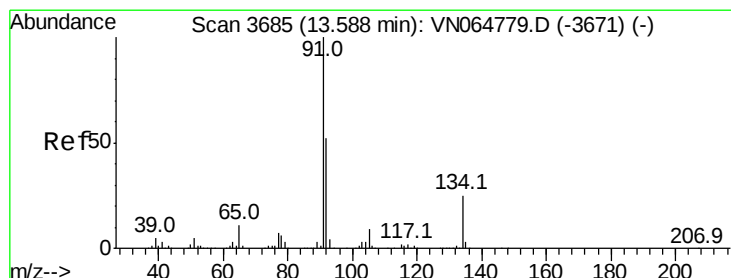
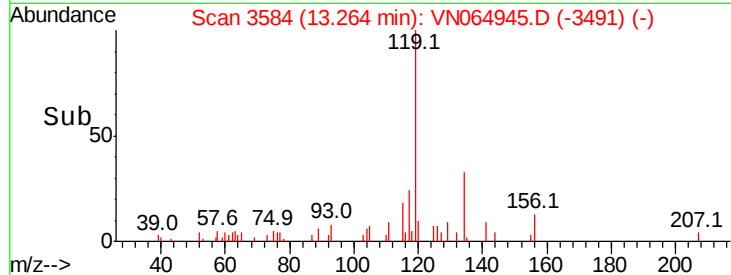
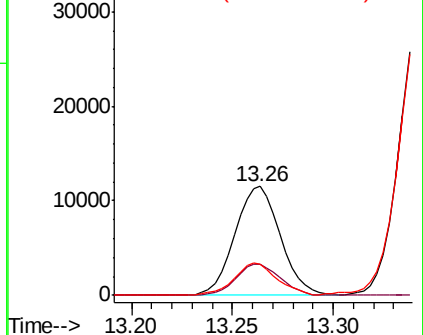


#86
 p-Isopropyltoluene
 Concen: 1.853 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064945.D
 Acq: 7 Dec 2020 15:11

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.5	13.1	39.1
91	27.6	11.5	34.5

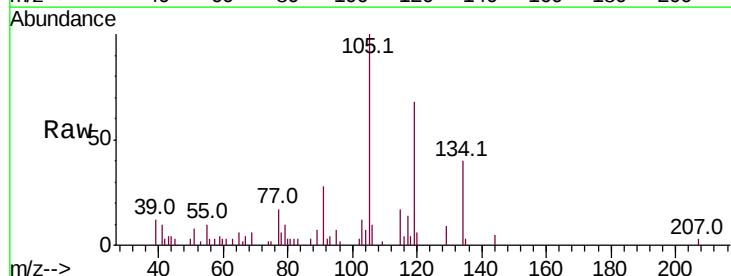


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

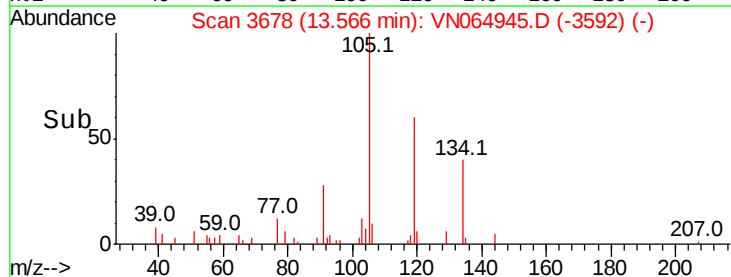
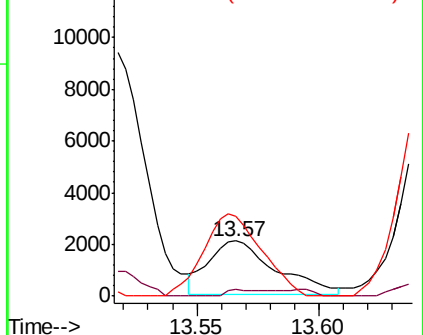


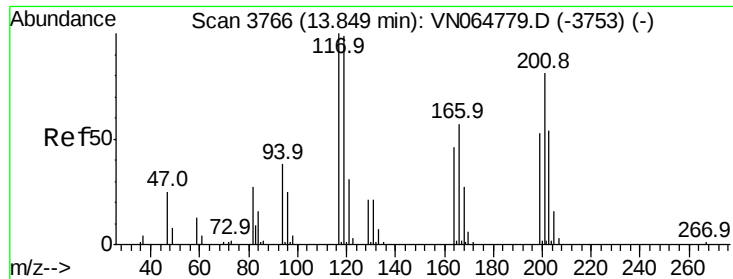
#89
 n-Butylbenzene
 Concen: 0.465 ug/l
 RT: 13.57 min Scan# 3678
 Delta R.T. -0.02 min
 Lab File: VN064945.D
 Acq: 7 Dec 2020 15:11

Tgt Ion	Ratio	Lower	Upper
91	100		
92	0.0	26.0	78.0#
134	131.2	12.9	38.6#



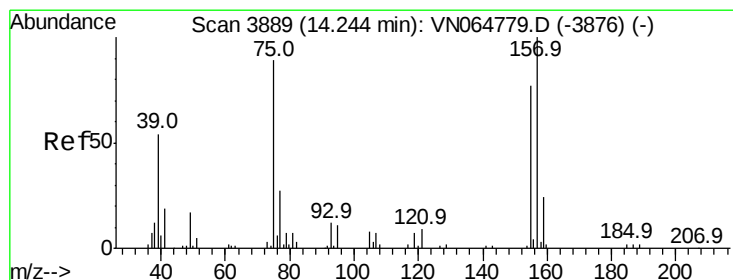
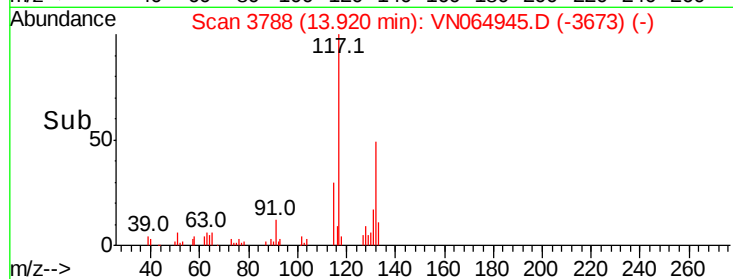
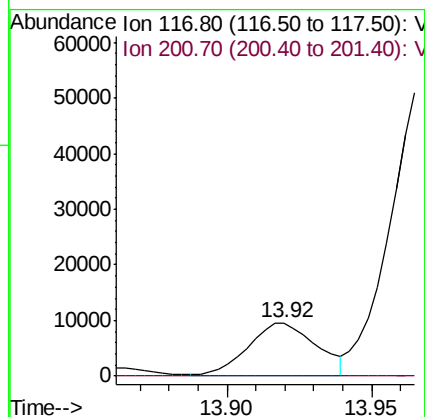
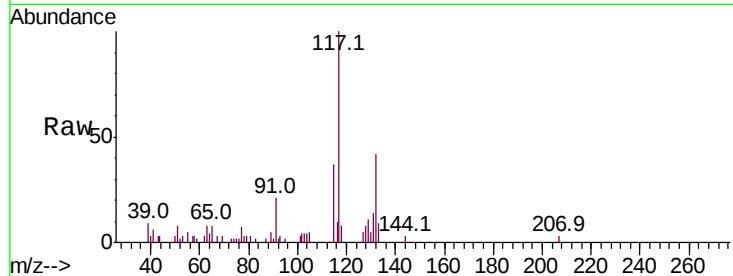
Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 92.00 (91.70 to 92.70): V
 Ion 134.00 (133.70 to 134.70): V





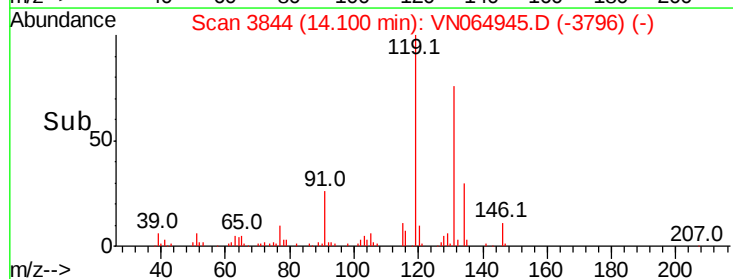
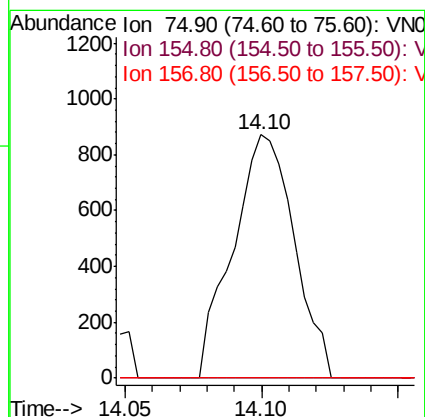
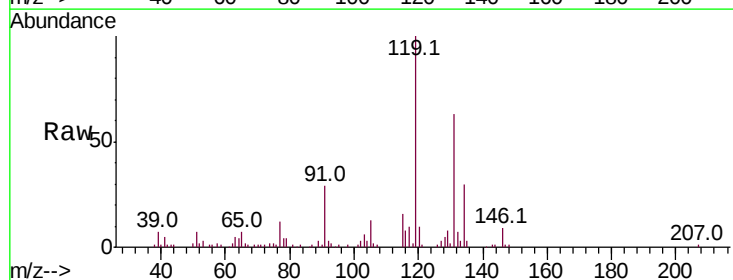
#90
Hexachloroethane
Concen: 9.100 ug/l
RT: 13.92 min Scan# 3788
Delta R.T. 0.07 min
Lab File: VN064945.D
Acq: 7 Dec 2020 15:11

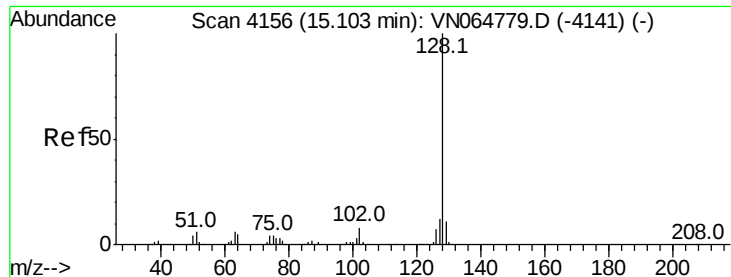
Tot Ion:117 Resp: 15502
Ion Ratio Lower Upper
117 100
201 0.0 40.1 120.3#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.768 ug/l
RT: 14.10 min Scan# 3844
Delta R.T. -0.14 min
Lab File: VN064945.D
Acq: 7 Dec 2020 15:11

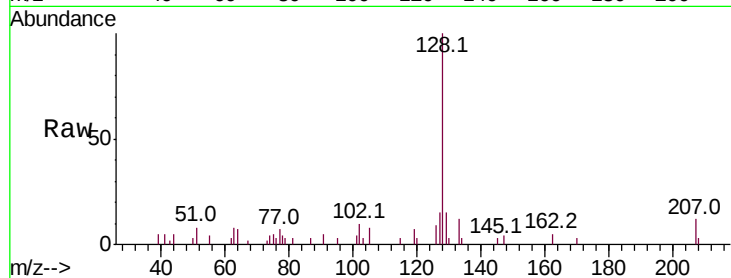
Tgt Ion: 75 Resp: 1358
Ion Ratio Lower Upper
75 100
155 0.0 42.8 128.3#
157 0.0 56.4 169.1#





#95
Naphthalene
Concen: 1.207 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064945.D
Acq: 7 Dec 2020 15:11

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.3	15.5
129	9.8	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

