

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120720\
 Data File : VN064944.D
 Acq On : 7 Dec 2020 14:47
 Operator : JC/MD
 Sample : L4954-15RE
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 15 04:08:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 10 14:02:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	197587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	339941	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	352517	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	168644	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	110895	48.28	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.56%
35) Dibromofluoromethane	7.55	113	102295	50.29	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.58%
50) Toluene-d8	10.06	98	465804	56.05	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	112.10%
62) 4-Bromofluorobenzene	12.37	95	172259	57.91	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	115.82%

Target Compounds

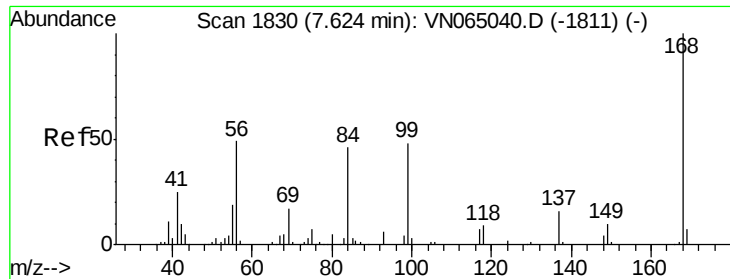
					Qvalue	
3) Chloromethane	2.04	50	843	0.379	ug/l	92
13) Acrolein	3.75	56	5014	22.914	ug/l #	52
14) Allyl chloride	4.49	41	21123	6.684	ug/l #	44
15) Acrylonitrile	5.00	53	6759	6.830	ug/l #	40
16) Acetone	3.76	43	15578	20.630	ug/l #	60
18) Methyl Acetate	4.48	43	52583	23.161	ug/l #	50
20) Methylene Chloride	4.48	84	692	0.292	ug/l #	57
25) 2-Butanone	6.78	43	2920	2.385	ug/l #	49
26) 2,2-Dichloropropane	6.59	77	2750	0.839	ug/l #	52
29) Tetrahydrofuran	7.35	42	768	0.909	ug/l #	1
31) Cyclohexane	7.61	56	286812	89.585	ug/l	96
36) 1,1-Dichloropropene	7.63	75	13974	4.435	ug/l #	72
37) Ethyl Acetate	6.78	43	2920	0.962	ug/l #	66
38) Carbon Tetrachloride	7.62	117	17973	5.482	ug/l #	16
39) Methylcyclohexane	9.05	83	1455853	429.206	ug/l	97
40) Benzene	8.00	78	1997	0.207	ug/l	93
41) Methacrylonitrile	7.34	41	6152	4.393	ug/l #	23
43) Isopropyl Acetate	8.11	43	47617	9.750	ug/l #	59
45) 1,2-Dichloropropane	9.05	63	12088	4.834	ug/l #	1
47) Bromodichloromethane	9.33	83	4233	1.259	ug/l #	47
48) Methyl methacrylate	9.23	41	55390	23.735	ug/l #	39
51) 4-Methyl-2-Pentanone	9.95	43	1351	0.461	ug/l #	35
55) 1,1,2-Trichloroethane	10.50	97	122229	49.988	ug/l #	18
56) Ethyl methacrylate	10.40	69	68191	20.209	ug/l #	42
59) 2-Hexanone	10.69	43	12258	5.809	ug/l #	26
67) Ethyl Benzene	11.48	91	18557	1.467	ug/l	97
70) Styrene	12.22	104	7844	1.023	ug/l #	1
73) Isopropylbenzene	12.22	105	381004	32.480	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	3208	0.883	ug/l #	100
78) n-propylbenzene	12.56	91	479510	35.883	ug/l	100
79) 2-Chlorotoluene	12.56	91	479510	58.049	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.87	105	16070	1.648	ug/l	75
81) trans-1,4-Dichloro-2-buten	12.22	75	4228	3.191	ug/l #	56
82) 4-Chlorotoluene	12.56	91	479510	55.381	ug/l #	41

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	12.97	119	16115	1.972	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	24791	2.515	ug/l	97
85) sec-Butylbenzene	13.14	105	105504	9.723	ug/l	81
86) p-Isopropyltoluene	13.41	119	42987	4.351	ug/l	95
89) n-Butylbenzene	13.59	91	44051	5.078	ug/l #	73
90) Hexachloroethane	13.86	117	24142	14.067	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.27	75	183	0.237	ug/l #	1
95) Naphthalene	15.10	128	348201	34.056	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064944.D

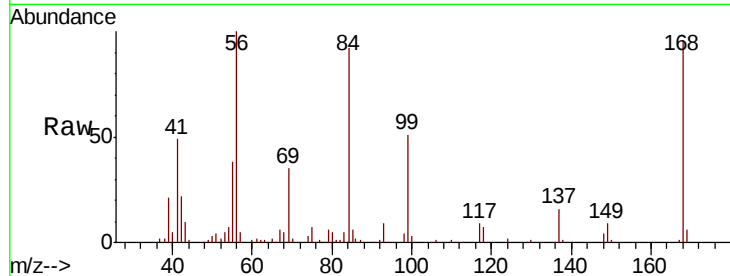
Acq: 7 Dec 2020 14:47

Tot Ion:168 Resp: 197587

Ion Ratio Lower Upper

168 100

99 53.1 43.0 64.4

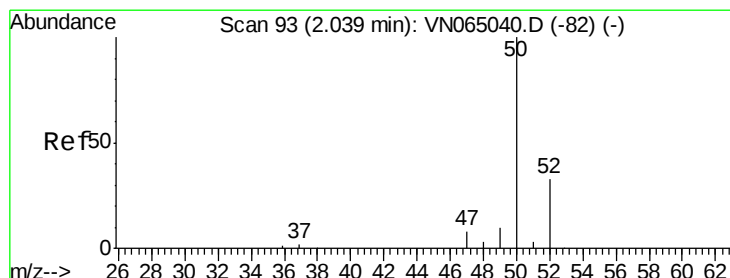
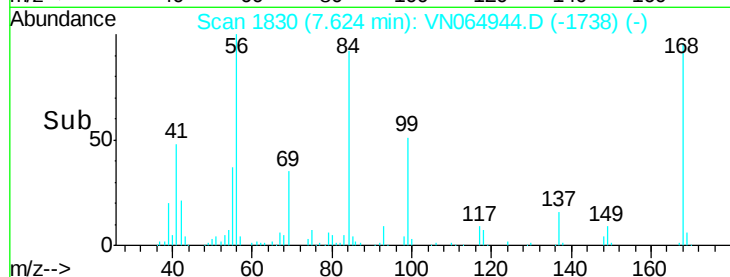


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

Time-->



#3

Chloromethane

Concen: 0.379 ug/l

RT: 2.04 min Scan# 94

Delta R.T. 0.00 min

Lab File: VN064944.D

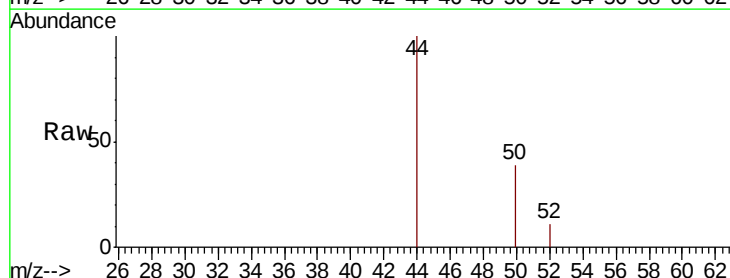
Acq: 7 Dec 2020 14:47

Tgt Ion: 50 Resp: 843

Ion Ratio Lower Upper

50 100

52 28.5 26.6 39.8

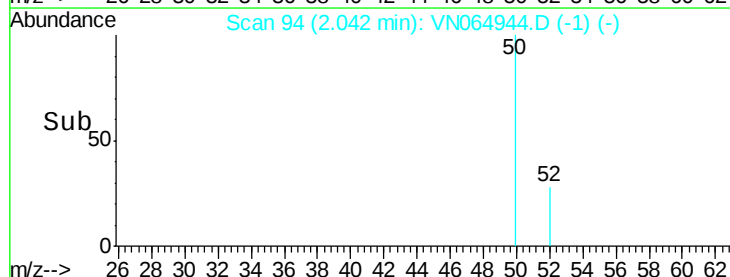


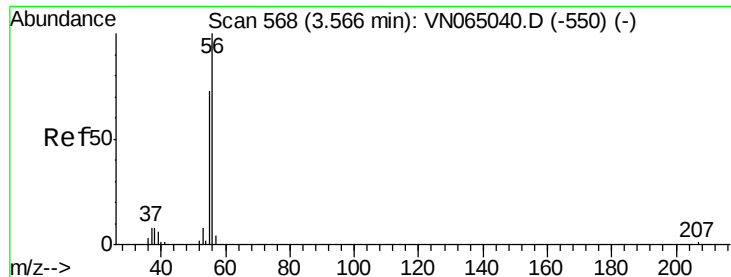
Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.04

Time-->





#13

Acrolein

Concen: 22.914 ug/l

RT: 3.75 min Scan# 625

Delta R.T. 0.18 min

Lab File: VN064944.D

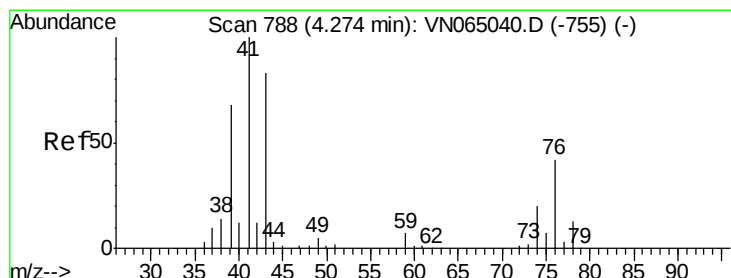
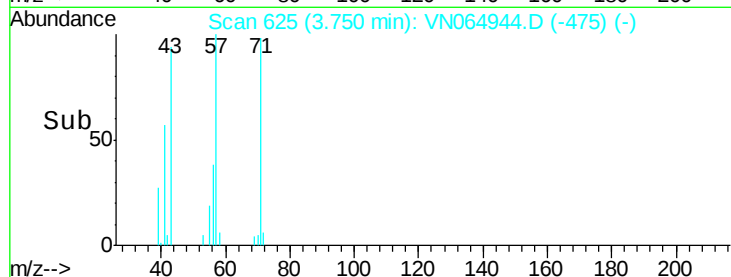
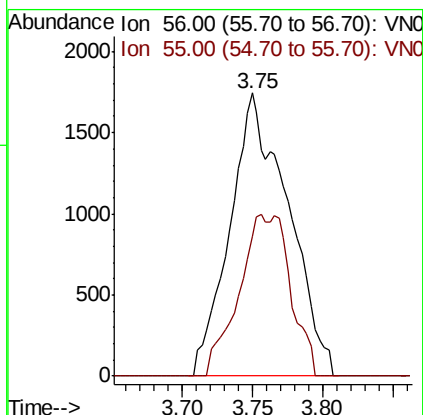
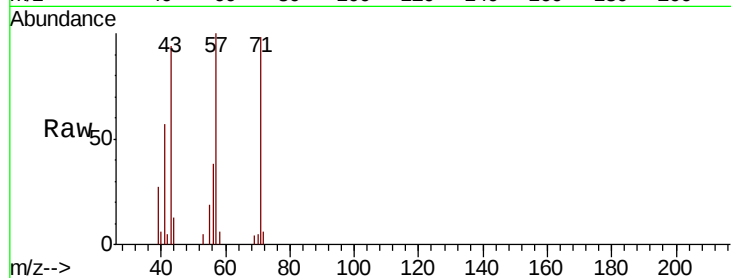
Acq: 7 Dec 2020 14:47

Tot Ion: 56 Resp: 5014

Ion Ratio Lower Upper

56 100

55 31.4 56.5 84.7#



#14

Allyl chloride

Concen: 6.684 ug/l

RT: 4.49 min Scan# 855

Delta R.T. 0.22 min

Lab File: VN064944.D

Acq: 7 Dec 2020 14:47

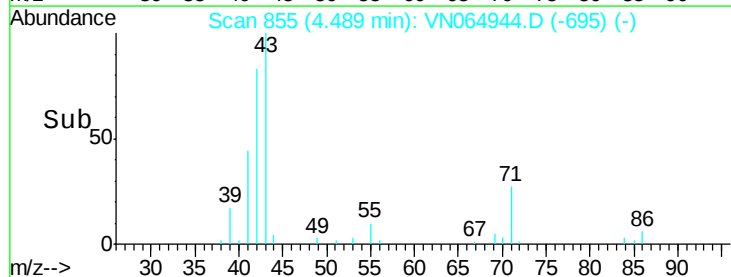
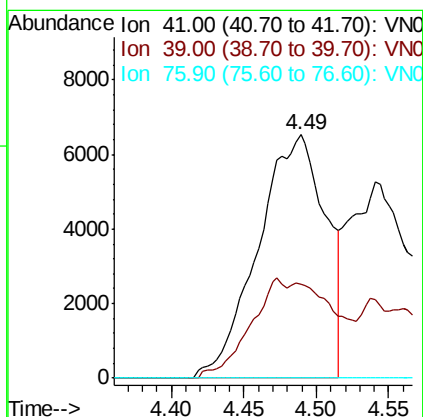
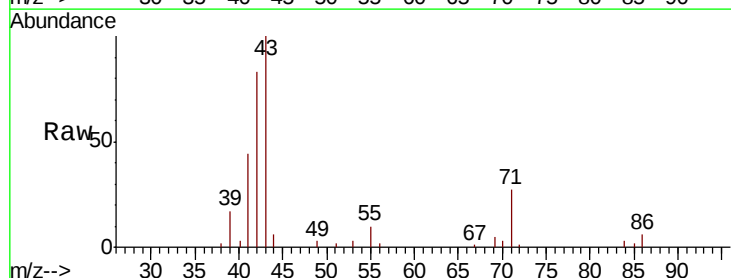
Tgt Ion: 41 Resp: 21123

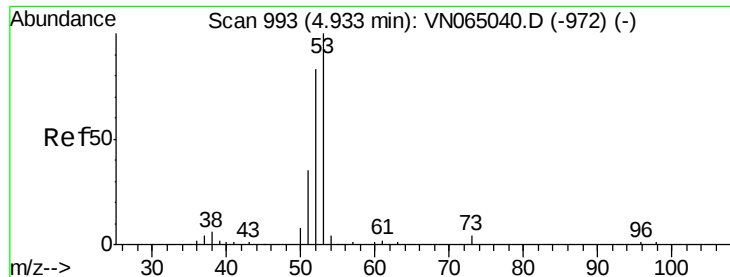
Ion Ratio Lower Upper

41 100

39 22.1 50.9 76.3#

76 0.0 29.0 43.4#





#15

Acrylonitrile

Concen: 6.830 ug/l

RT: 5.00 min Scan# 1014

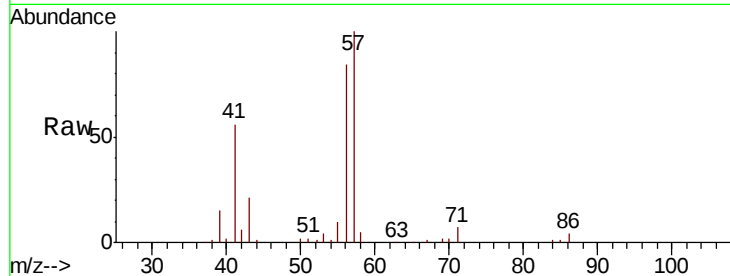
Delta R.T. 0.06 min

Lab File: VN064944.D

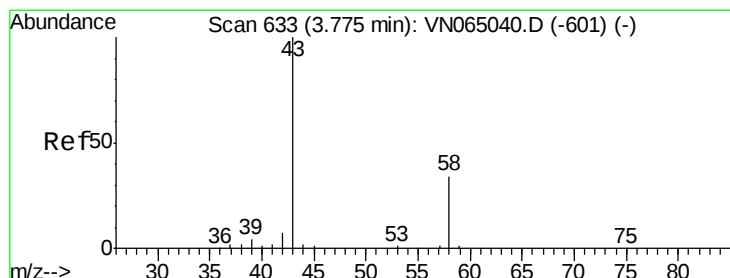
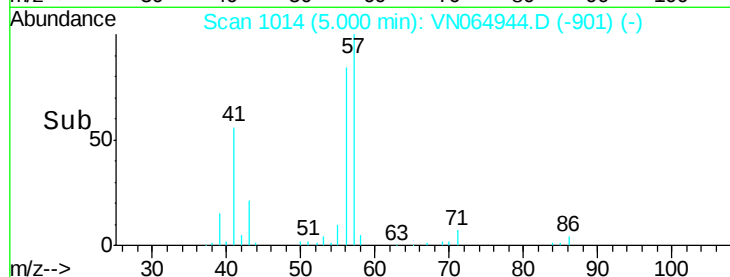
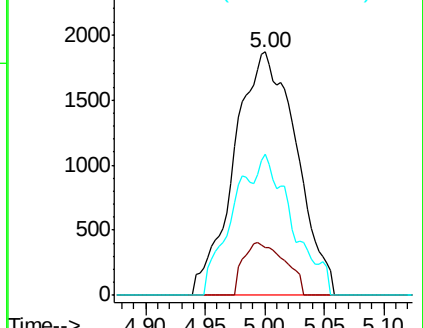
Acq: 7 Dec 2020 14:47

Tot Ion: 53 Resp: 6759

Ion	Ratio	Lower	Upper
53	100		
52	14.5	65.5	98.3#
51	22.1	28.6	43.0#



Abundance Ion 53.00 (52.70 to 53.70): VN065040.D (-972) (-)



#16

Acetone

Concen: 20.630 ug/l

RT: 3.76 min Scan# 628

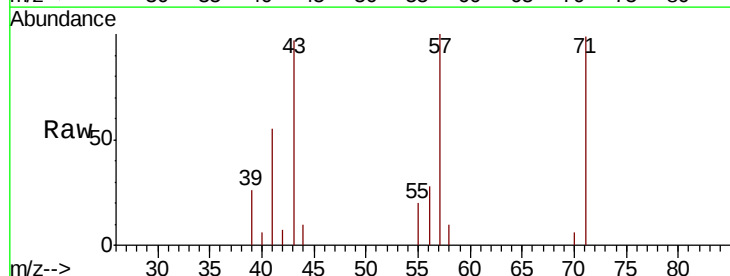
Delta R.T. -0.02 min

Lab File: VN064944.D

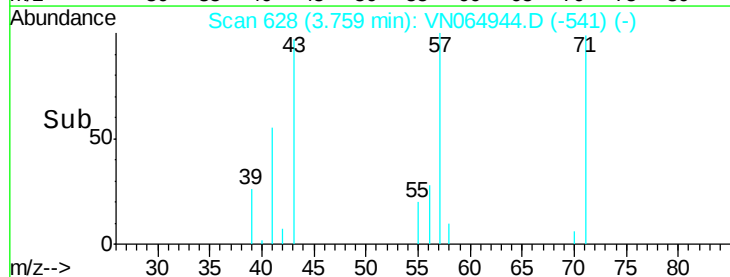
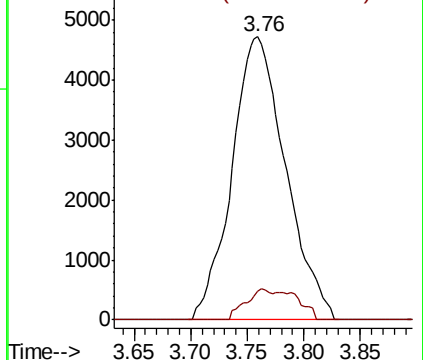
Acq: 7 Dec 2020 14:47

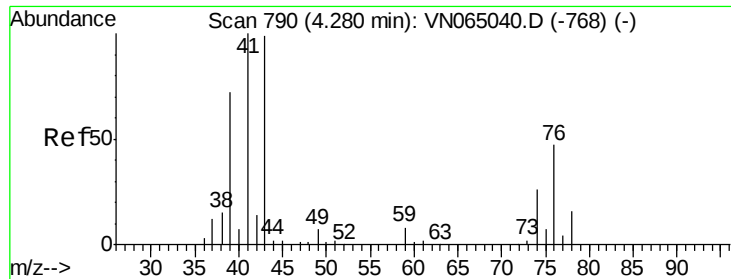
Tgt Ion: 43 Resp: 15578

Ion	Ratio	Lower	Upper
43	100		
58	9.9	25.7	38.5#



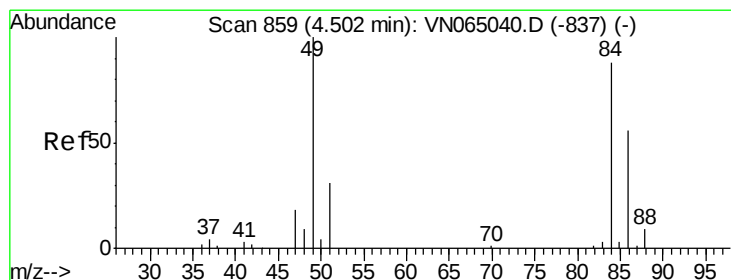
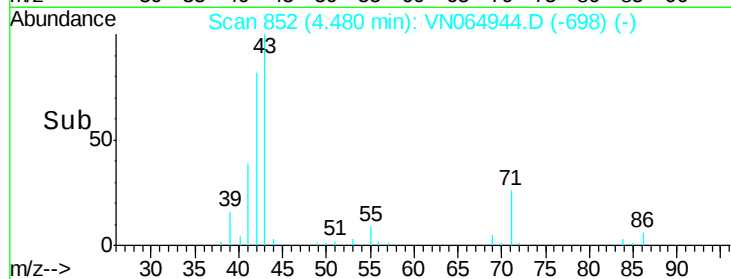
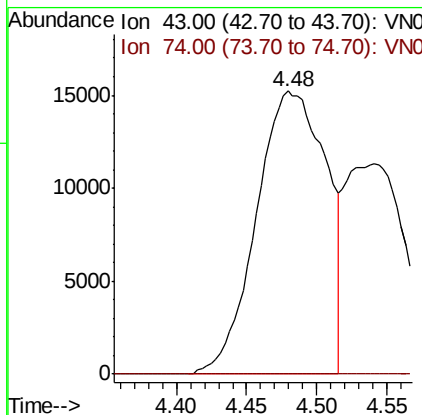
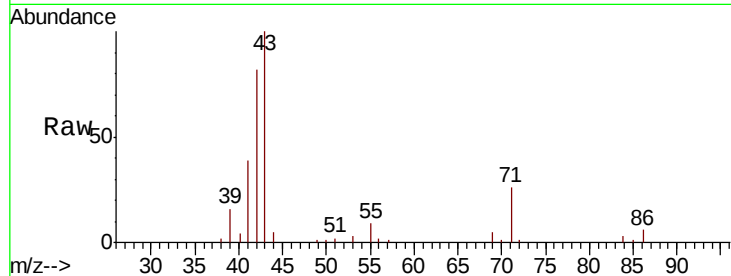
Abundance Ion 43.00 (42.70 to 43.70): VN065040.D (-601) (-)





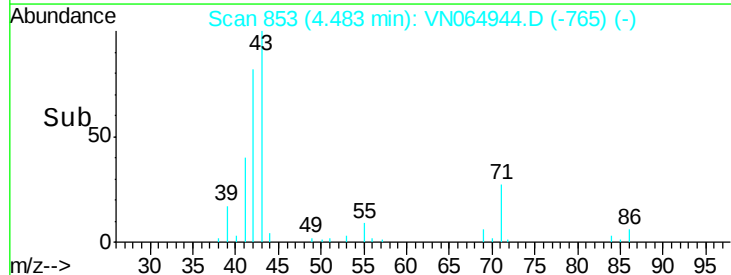
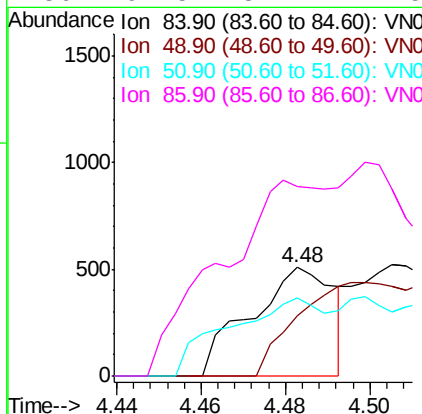
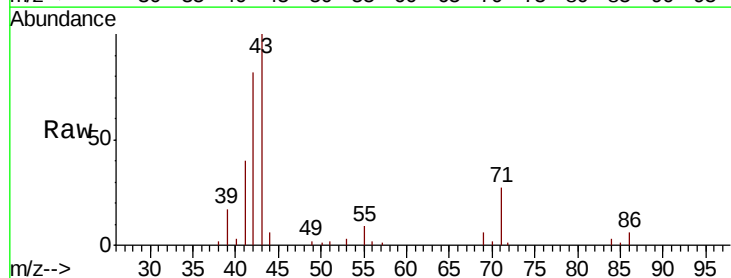
#18
Methyl Acetate
Concen: 23.161 ug/l
RT: 4.48 min Scan# 852
Delta R.T. 0.20 min
Lab File: VN064944.D
Acq: 7 Dec 2020 14:47

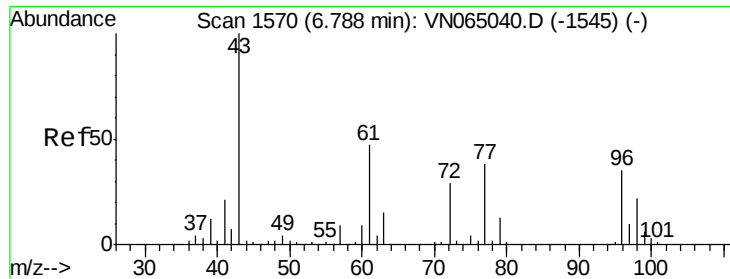
Tot Ion: 43 Resp: 52583
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#20
Methylene Chloride
Concen: 0.292 ug/l
RT: 4.48 min Scan# 853
Delta R.T. -0.02 min
Lab File: VN064944.D
Acq: 7 Dec 2020 14:47

Tgt Ion: 84 Resp: 692
Ion Ratio Lower Upper
84 100
49 55.0 93.4 140.0#
51 40.7 28.2 42.4
86 94.5 51.7 77.5#





#25

2-Butanone

Concen: 2.385 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.02 min

Lab File: VN064944.D

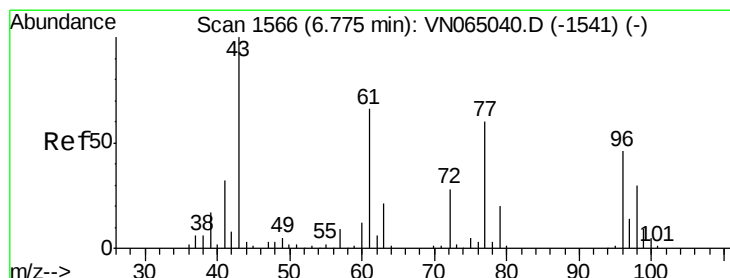
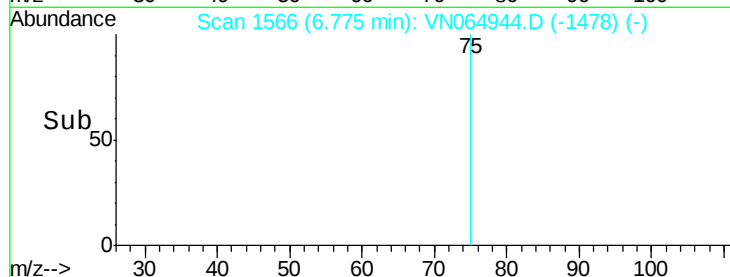
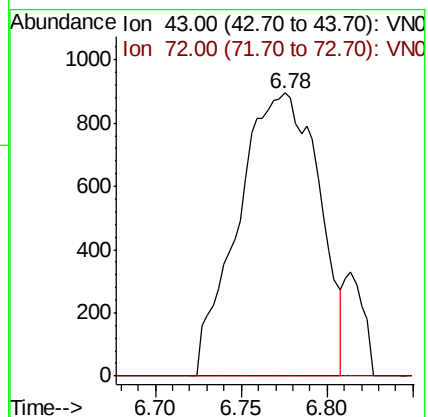
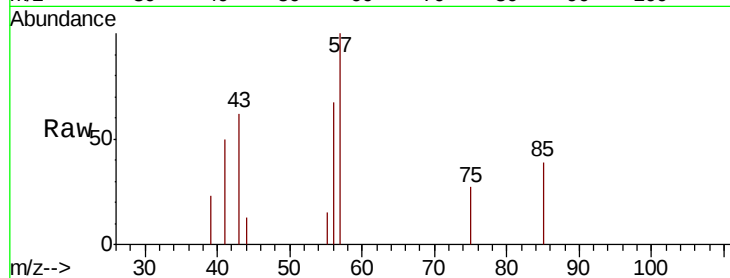
Acq: 7 Dec 2020 14:47

Tot Ion: 43 Resp: 2920

Ion Ratio Lower Upper

43 100

72 0.0 21.0 31.6#



#26

2,2-Dichloropropane

Concen: 0.839 ug/l

RT: 6.59 min Scan# 1507

Delta R.T. -0.19 min

Lab File: VN064944.D

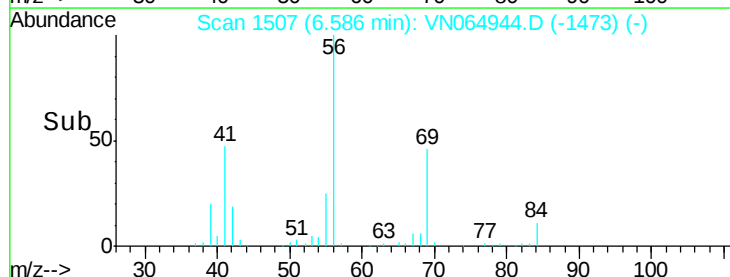
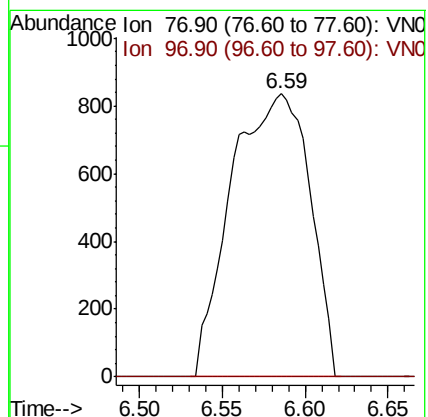
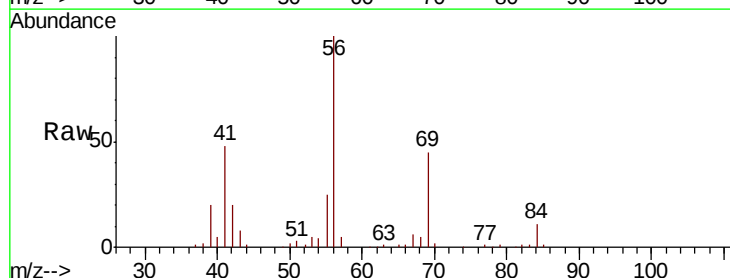
Acq: 7 Dec 2020 14:47

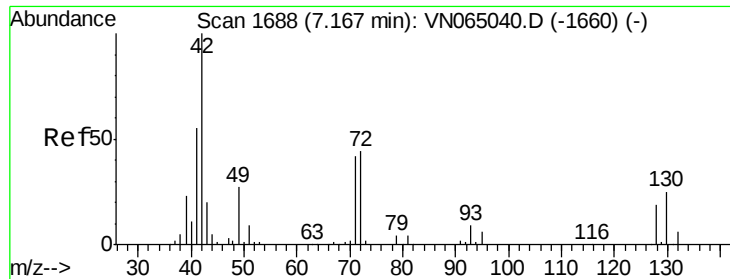
Tgt Ion: 77 Resp: 2750

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.0#





#29

Tetrahydrofuran

Concen: 0.909 ug/l

RT: 7.35 min Scan# 1745

Delta R.T. 0.18 min

Lab File: VN064944.D

Acq: 7 Dec 2020 14:47

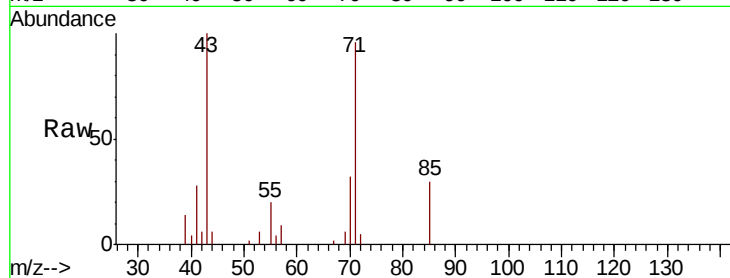
Tot Ion: 42 Resp: 768

Ion Ratio Lower Upper

42 100

72 119.8 36.6 54.8#

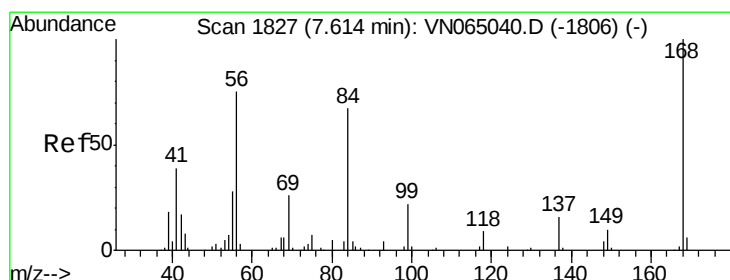
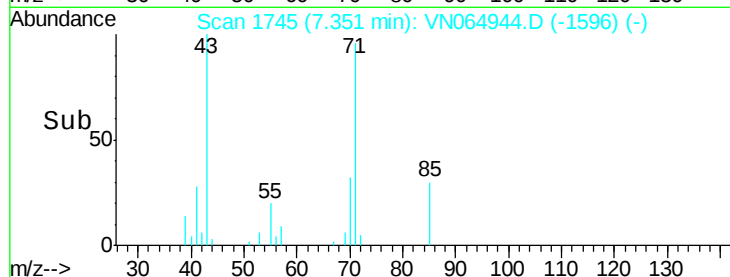
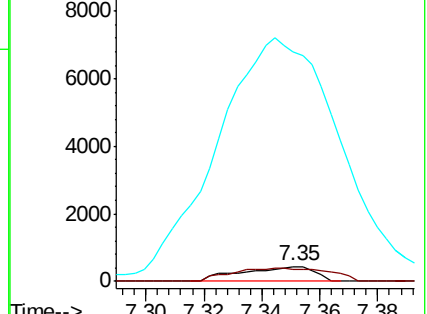
71 2833.1 33.6 50.4#



Abundance Ion 42.00 (41.70 to 42.70): VN065040.D (-1660) (-)

Ion 72.00 (71.70 to 72.70): VN065040.D (-1660) (-)

Ion 71.00 (70.70 to 71.70): VN065040.D (-1660) (-)



#31

Cyclohexane

Concen: 89.585 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064944.D

Acq: 7 Dec 2020 14:47

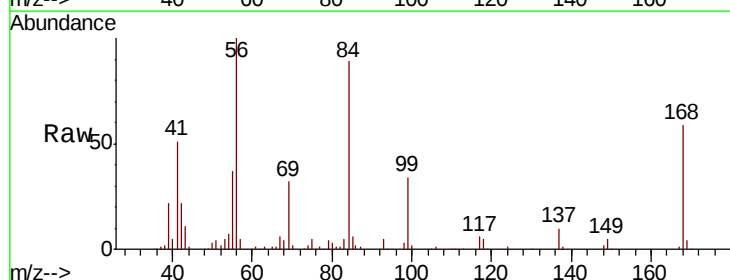
Tgt Ion: 56 Resp: 286812

Ion Ratio Lower Upper

56 100

69 32.1 27.5 41.3

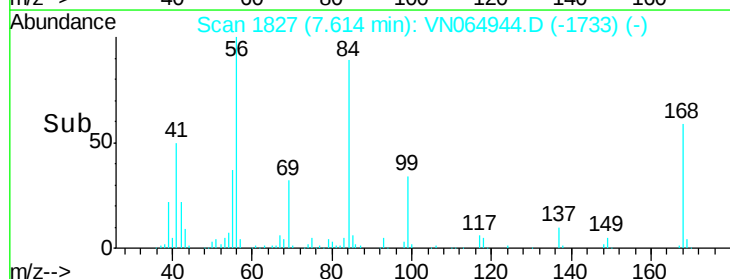
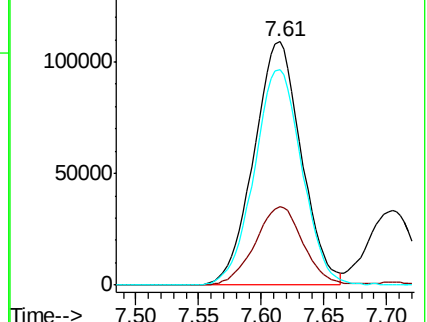
84 88.7 73.9 110.9

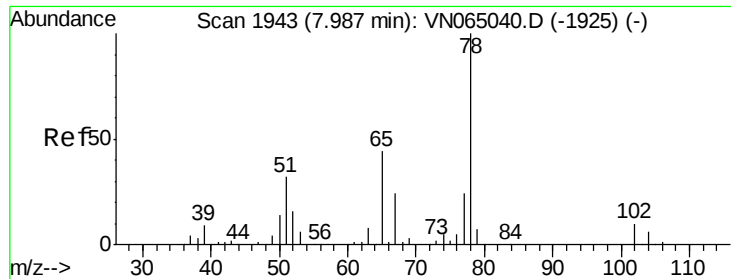


Abundance Ion 56.00 (55.70 to 56.70): VN065040.D (-1806) (-)

Ion 69.00 (68.70 to 69.70): VN065040.D (-1806) (-)

Ion 84.00 (83.70 to 84.70): VN065040.D (-1806) (-)





#33

1,2-Dichloroethane-d4

Concen: 48.277 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064944.D

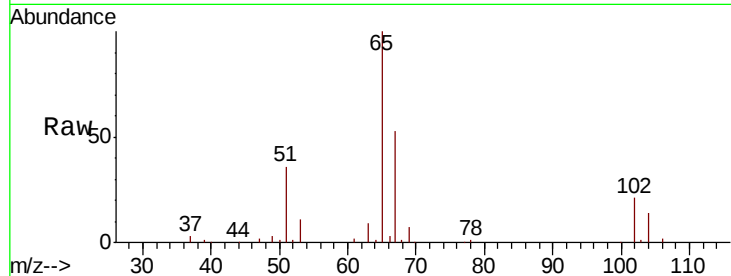
Acq: 7 Dec 2020 14:47

Tot Ion: 65 Resp: 110895

Ion Ratio Lower Upper

65 100

67 53.5 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN065040.D (-1925) (-)

Ion 66.90 (66.60 to 67.60): VN065040.D (-1925) (-)

7.99

50000

40000

30000

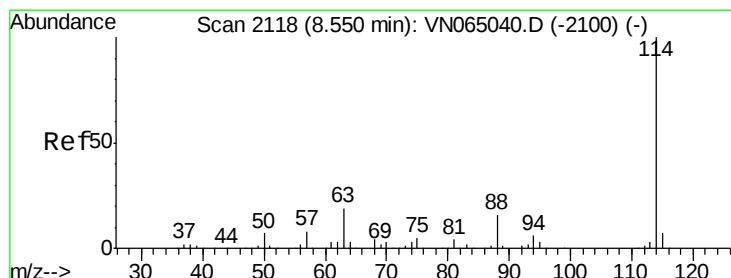
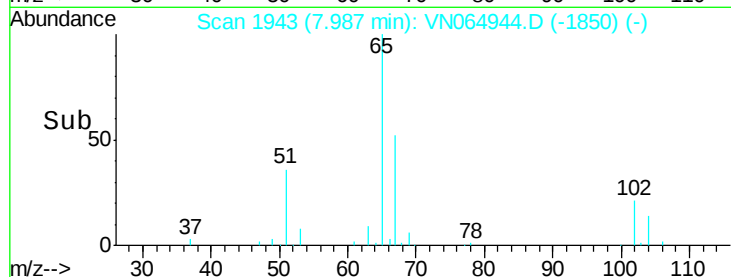
20000

10000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064944.D

Acq: 7 Dec 2020 14:47

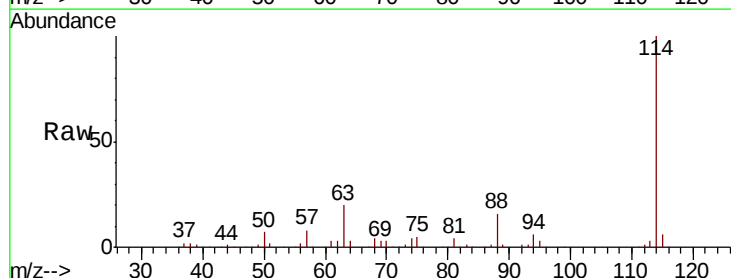
Tgt Ion: 114 Resp: 339941

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.6

88 15.8 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): VN065040.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN065040.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN065040.D (-2100) (-)

8.55

200000

150000

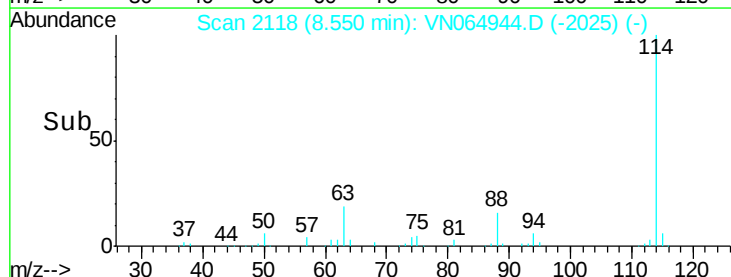
100000

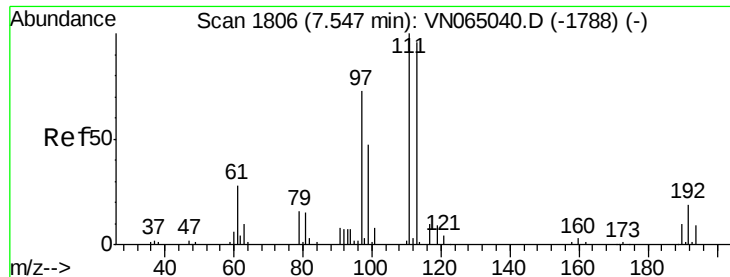
50000

0

8.50 8.60 8.70

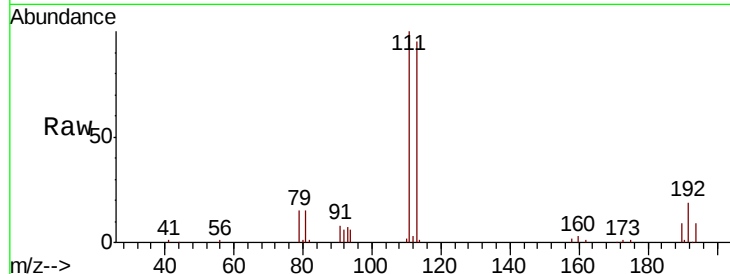
Time-->



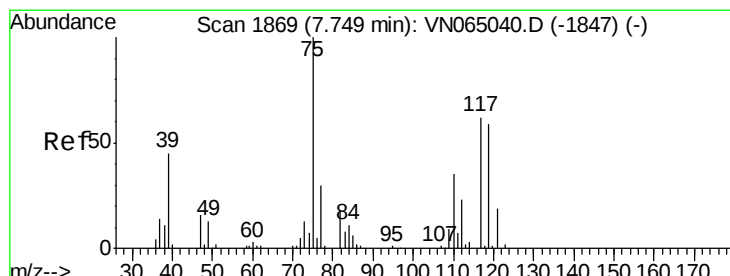
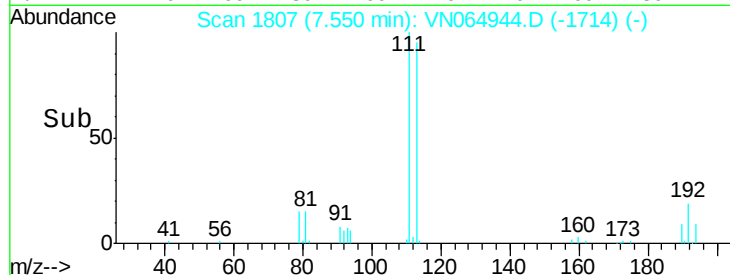
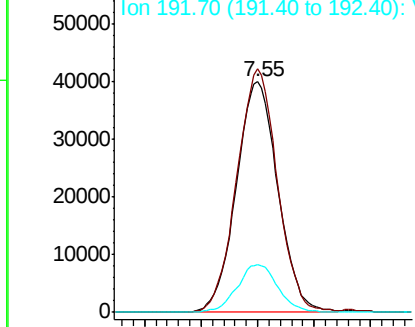


#35
 Dibromofluoromethane
 Concen: 50.290 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064944.D
 Acq: 7 Dec 2020 14:47

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.6	122.4
192	20.3	16.2	24.2

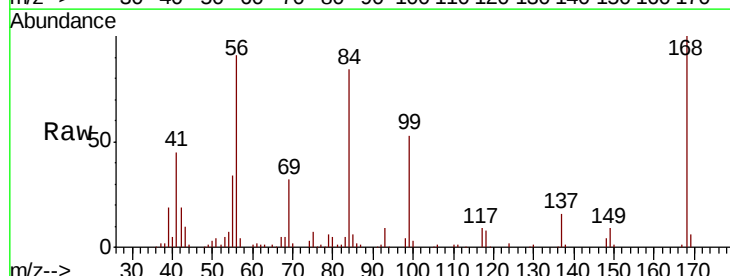


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

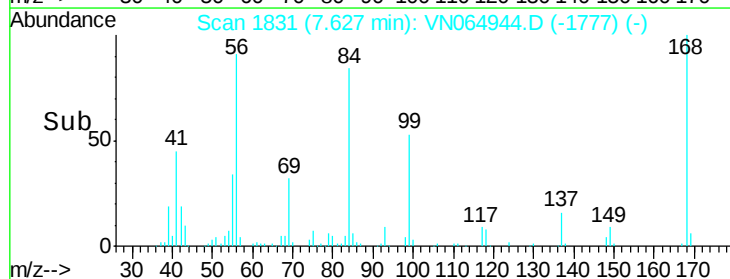
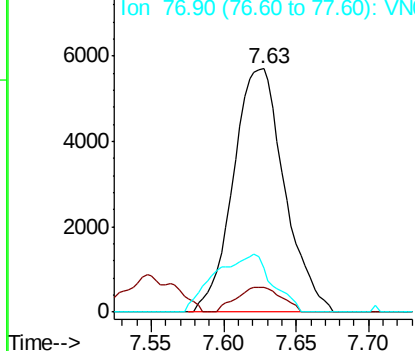


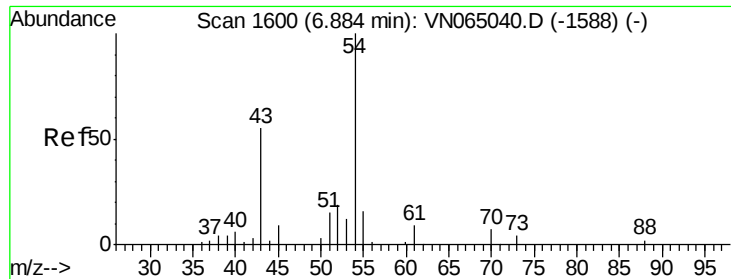
#36
 1,1-Dichloropropene
 Concen: 4.435 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN064944.D
 Acq: 7 Dec 2020 14:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.8	53.3#
77	26.5	25.0	37.4



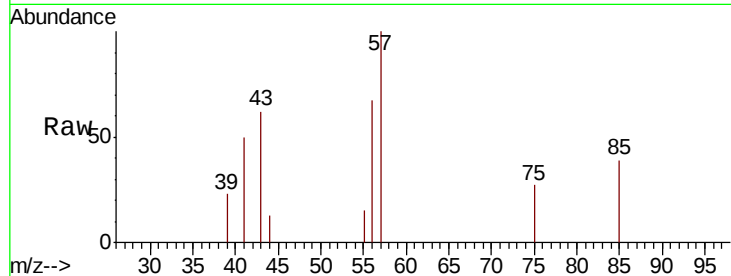
Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VNO



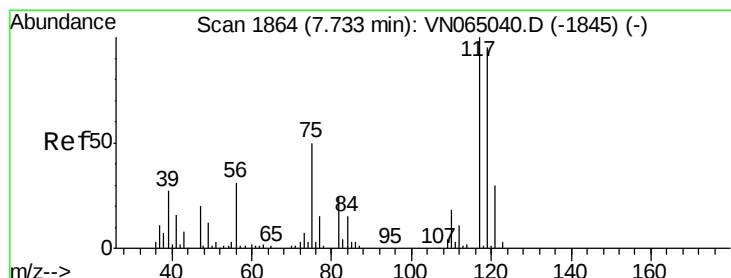
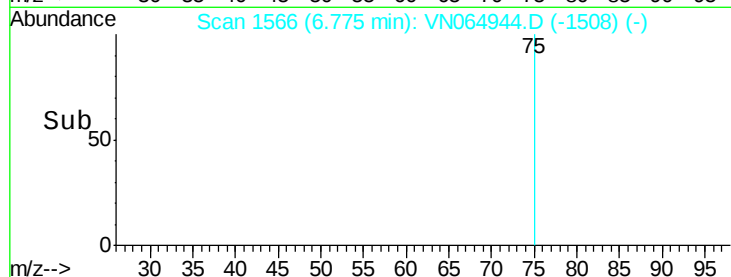
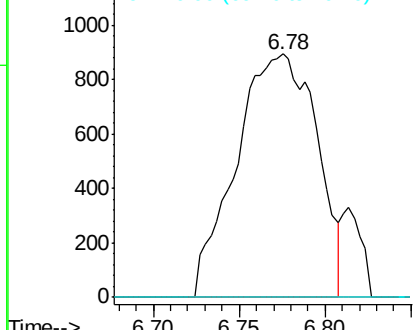


#37
Ethyl Acetate
Concen: 0.962 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.11 min
Lab File: VN064944.D
Acq: 7 Dec 2020 14:47

Tot Ion: 43 Resp: 2920
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 8.8 13.2#

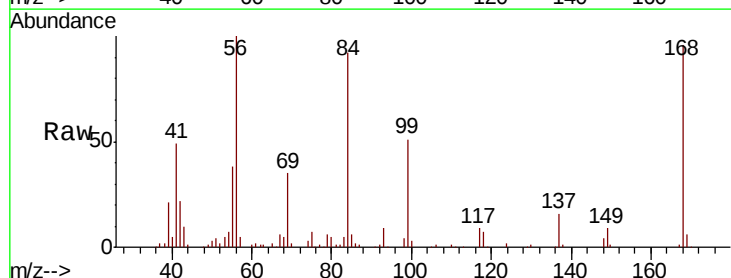


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

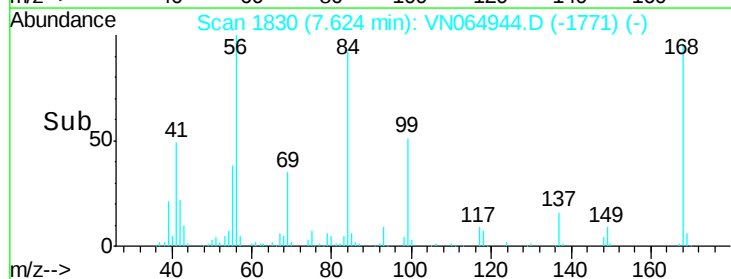
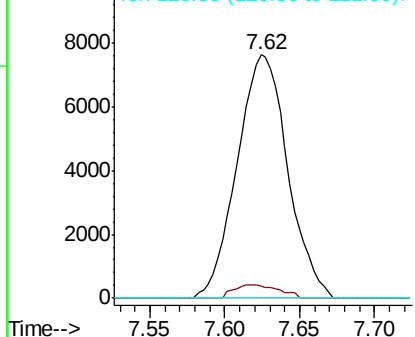


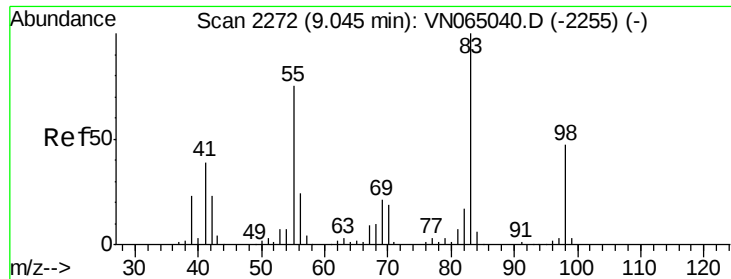
#38
Carbon Tetrachloride
Concen: 5.482 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.11 min
Lab File: VN064944.D
Acq: 7 Dec 2020 14:47

Tgt Ion: 117 Resp: 17973
Ion Ratio Lower Upper
117 100
119 5.1 76.7 115.1#
121 0.0 25.4 38.2#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

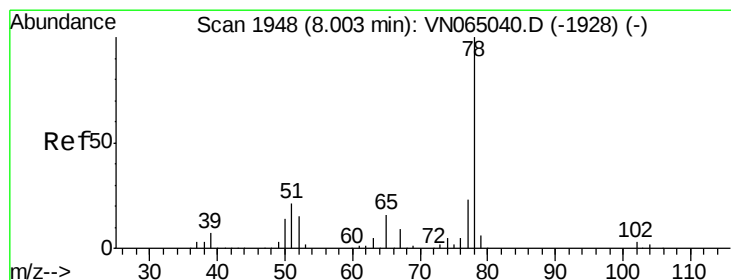
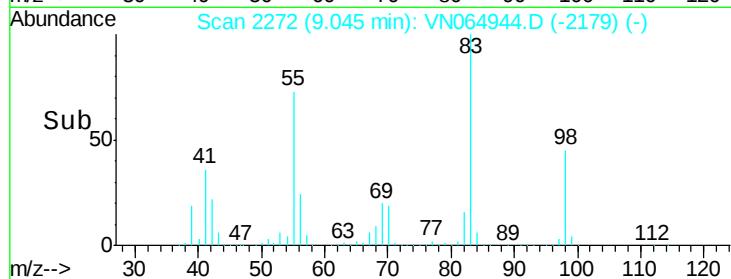
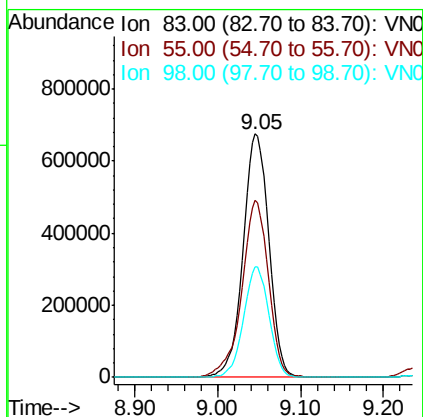
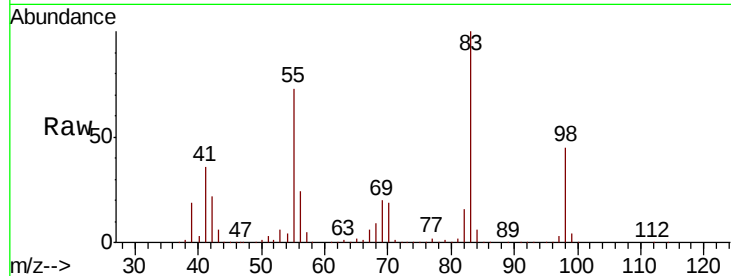




#39
Methvlcvclohexane
Concen: 429.206 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064944.D
Acq: 7 Dec 2020 14:47

Tot Ion: 83 Resp: 1455853

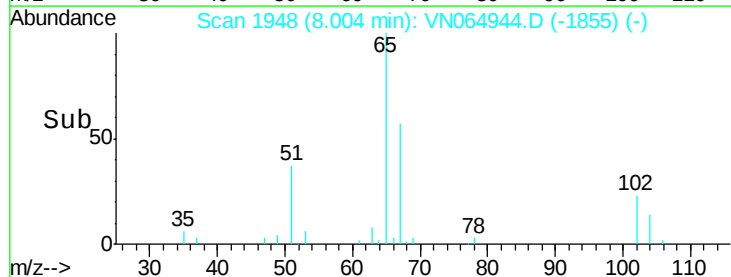
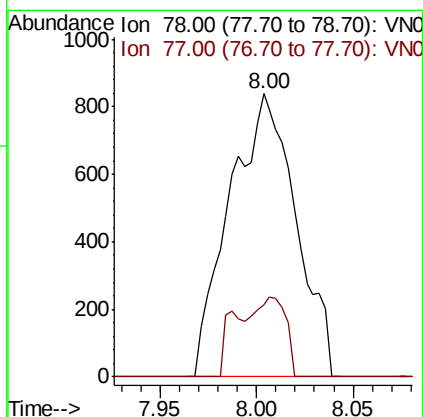
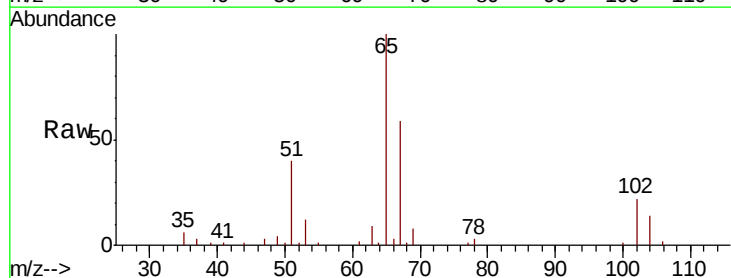
Ion	Ratio	Lower	Upper
83	100		
55	72.5	60.2	90.2
98	45.3	37.4	56.2

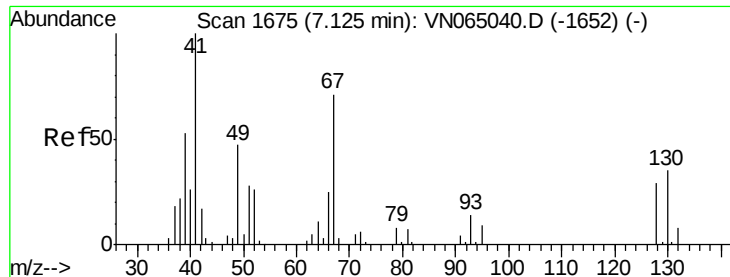


#40
Benzene
Concen: 0.207 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064944.D
Acq: 7 Dec 2020 14:47

Tgt Ion: 78 Resp: 1997

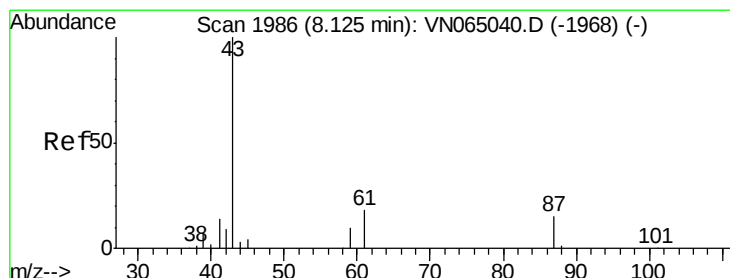
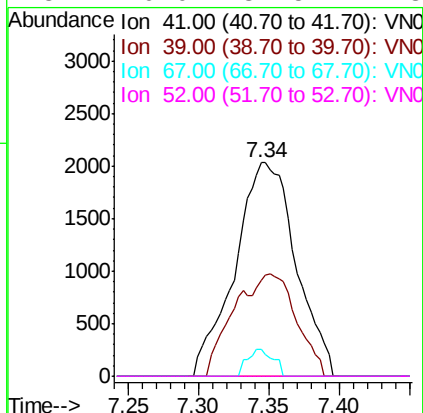
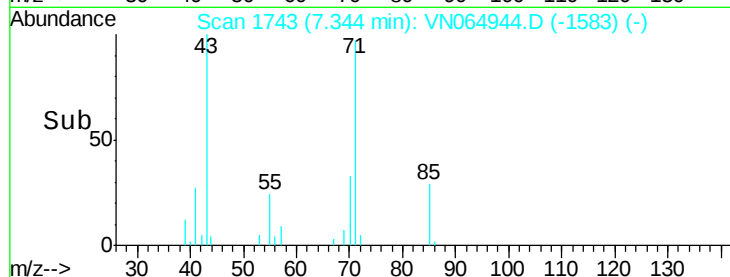
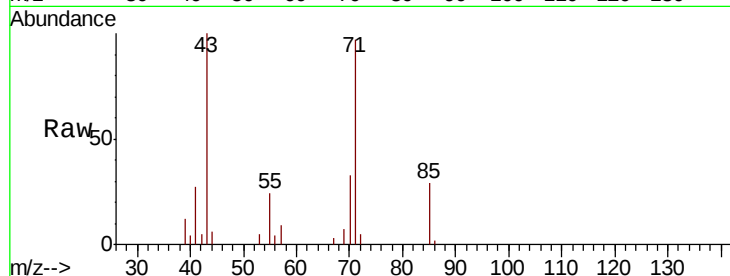
Ion	Ratio	Lower	Upper
78	100		
77	25.5	17.9	26.9





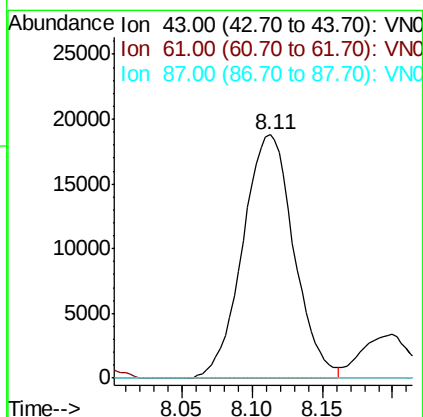
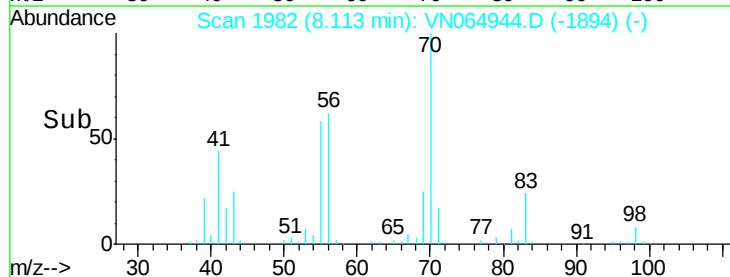
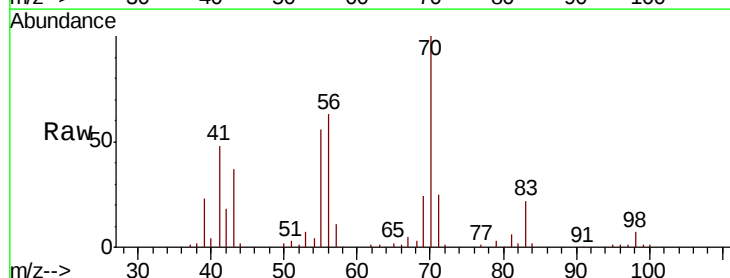
#41
Methacrylonitrile
Concen: 4.393 ug/l
RT: 7.34 min Scan# 1743
Delta R.T. 0.22 min
Lab File: VN064944.D
Acq: 7 Dec 2020 14:47

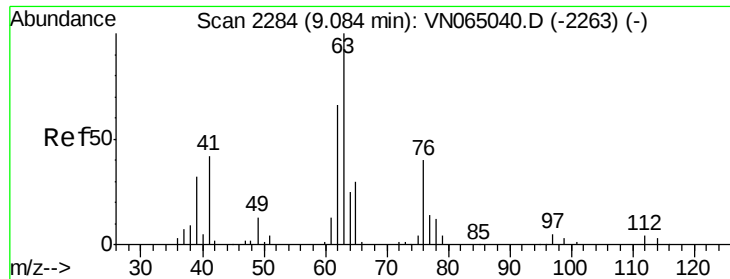
Tot Ion: 41 Resp: 6152
Ion Ratio Lower Upper
41 100
39 17.9 51.0 76.6#
67 5.4 79.8 119.8#
52 0.0 31.5 47.3#



#43
Isopropyl Acetate
Concen: 9.750 ug/l
RT: 8.11 min Scan# 1982
Delta R.T. -0.02 min
Lab File: VN064944.D
Acq: 7 Dec 2020 14:47

Tgt Ion: 43 Resp: 47617
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: 4.834 ug/l

RT: 9.05 min Scan# 2272

Delta R.T. -0.04 min

Lab File: VN064944.D

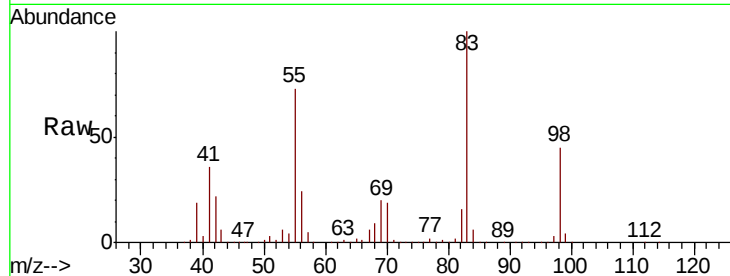
Acq: 7 Dec 2020 14:47

Tot Ion: 63 Resp: 12088

Ion Ratio Lower Upper

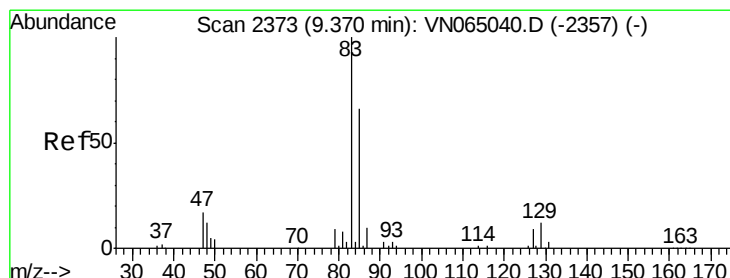
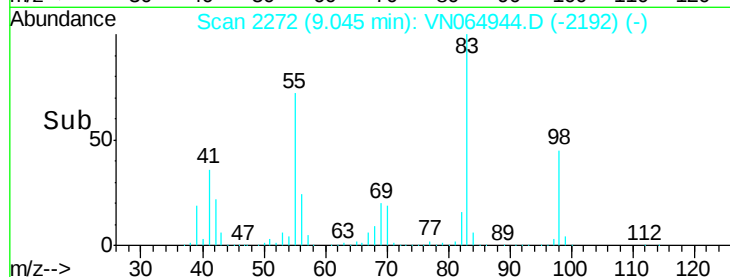
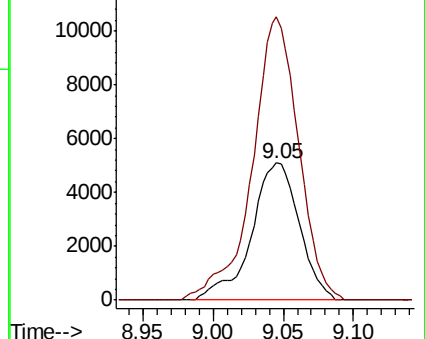
63 100

65 202.5 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#47

Bromodichloromethane

Concen: 1.259 ug/l

RT: 9.33 min Scan# 2361

Delta R.T. -0.04 min

Lab File: VN064944.D

Acq: 7 Dec 2020 14:47

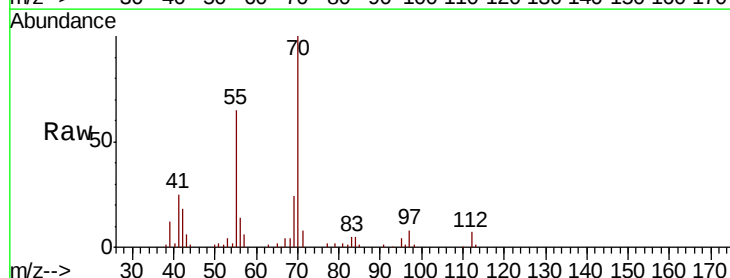
Tgt Ion: 83 Resp: 4233

Ion Ratio Lower Upper

83 100

85 20.5 51.8 77.8#

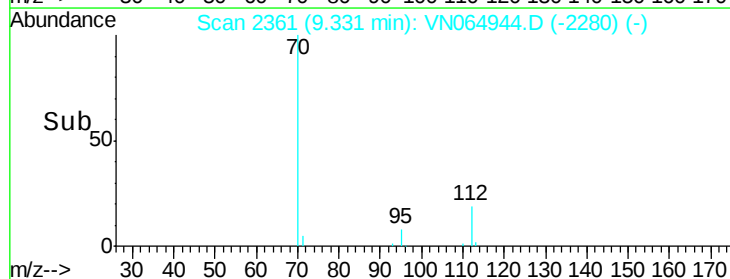
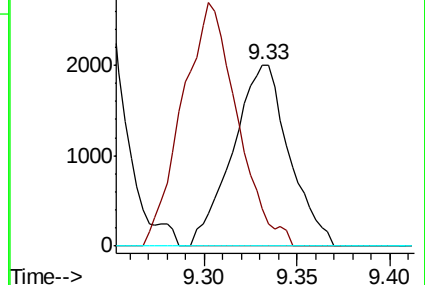
127 0.0 6.8 10.2#

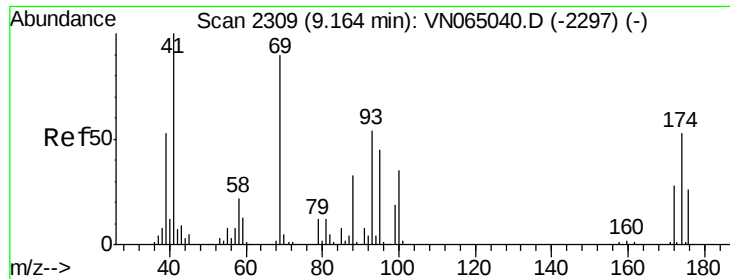


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

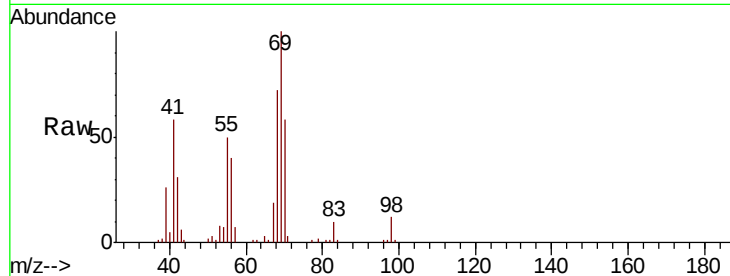
Ion 126.80 (126.50 to 127.50): V



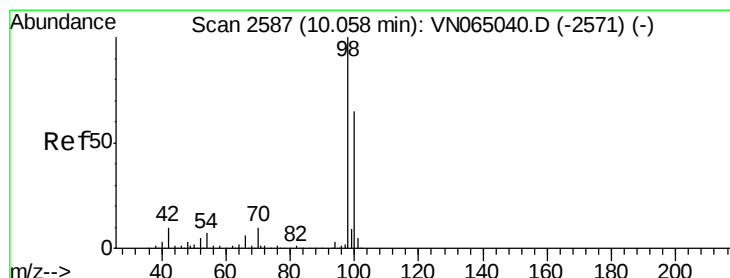
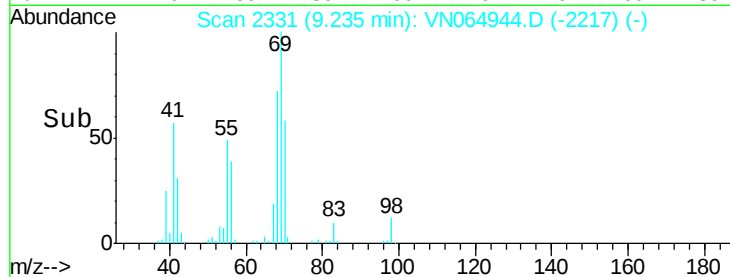
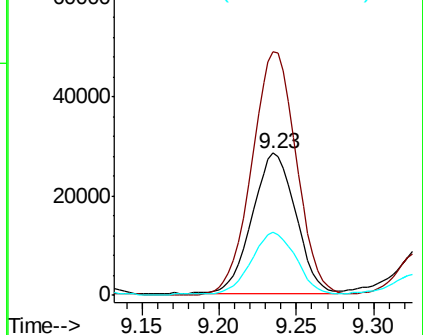


#48
Methyl methacrylate
Concen: 23.735 ug/l
RT: 9.23 min Scan# 2331
Delta R.T. 0.07 min
Lab File: VN064944.D
Acq: 7 Dec 2020 14:47

Tot Ion: 41 Resp: 55390
Ion Ratio Lower Upper
41 100
69 176.9 71.8 107.8#
39 48.2 44.1 66.1

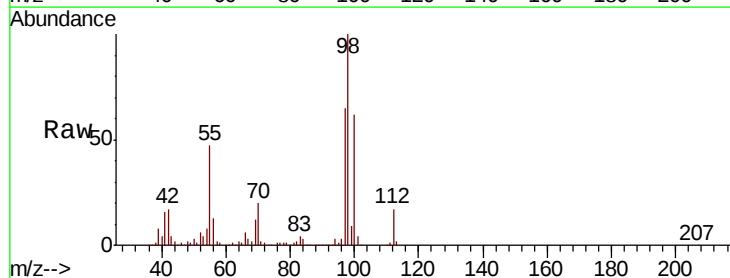


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

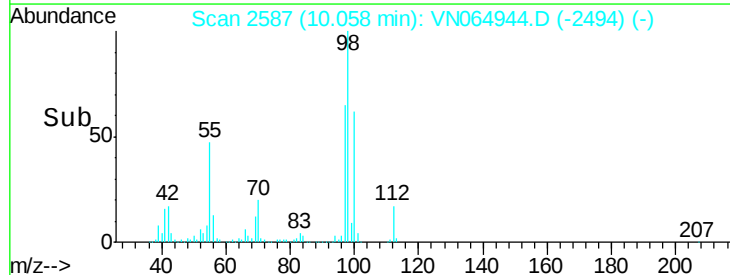
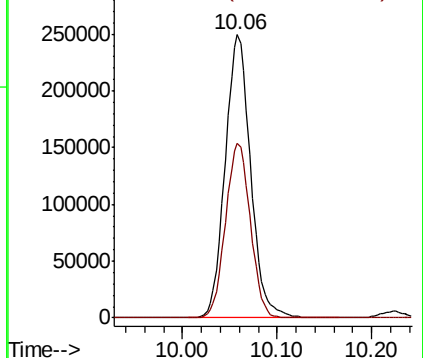


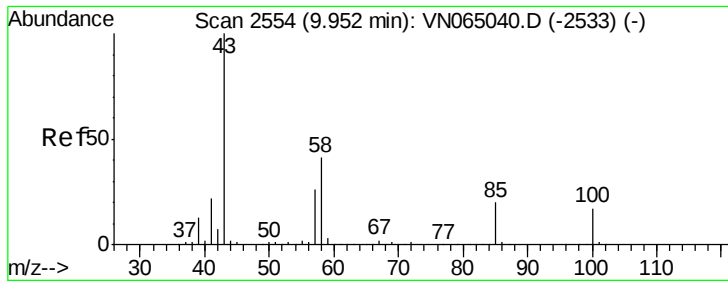
#50
Toluene-d8
Concen: 56.046 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064944.D
Acq: 7 Dec 2020 14:47

Tgt Ion: 98 Resp: 465804
Ion Ratio Lower Upper
98 100
100 60.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.461 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN064944.D

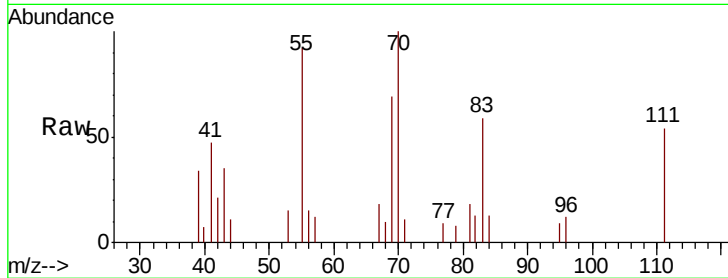
Acq: 7 Dec 2020 14:47

Tot Ion: 43 Resp: 1351

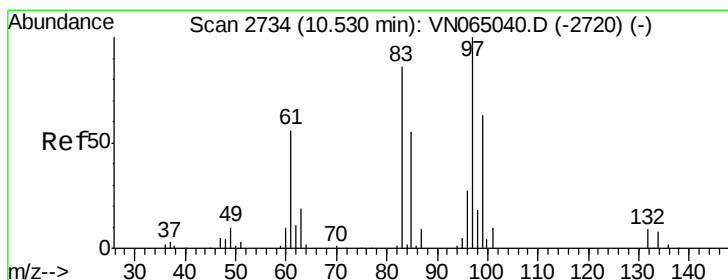
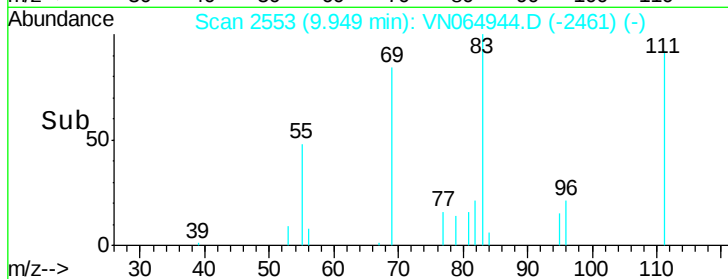
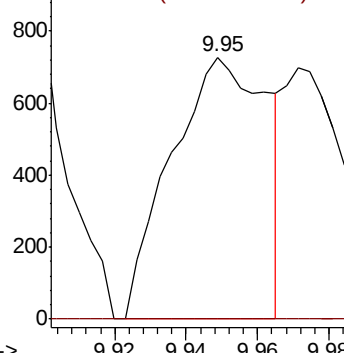
Ion Ratio Lower Upper

43 100

58 0.0 32.4 48.6#



Abundance Ion 43.00 (42.70 to 43.70): VN065040.D (-2533) (-)



#55

1,1,2-Trichloroethane

Concen: 49.988 ug/l

RT: 10.50 min Scan# 2725

Delta R.T. -0.03 min

Lab File: VN064944.D

Acq: 7 Dec 2020 14:47

Tgt Ion: 97 Resp: 122229

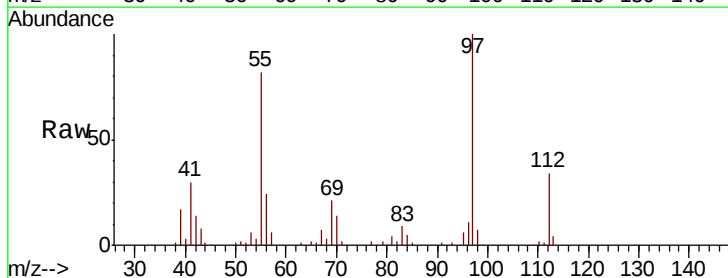
Ion Ratio Lower Upper

97 100

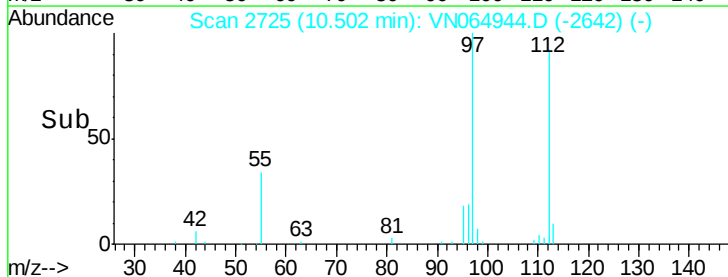
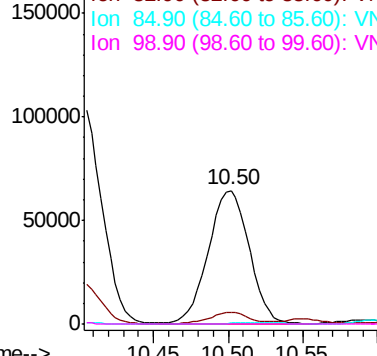
83 8.6 72.1 108.1#

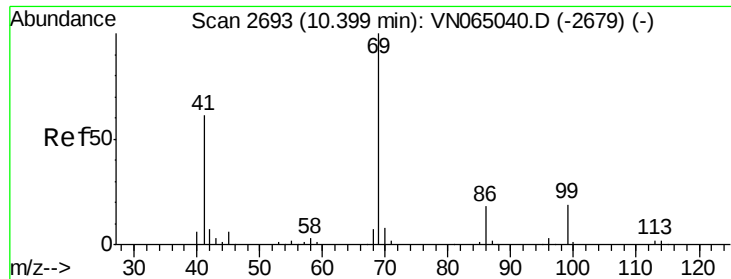
85 0.6 46.8 70.2#

99 0.4 49.6 74.4#



Abundance Ion 96.90 (96.60 to 97.60): VN065040.D (-2720) (-)





#56

Ethyl methacrylate

Concen: 20.209 ug/l

RT: 10.40 min Scan# 2694

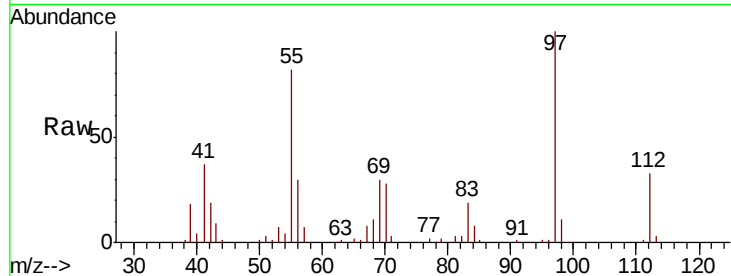
Delta R.T. 0.00 min

Lab File: VN064944.D

Acq: 7 Dec 2020 14:47

Tot Ion: 69 Resp: 68191

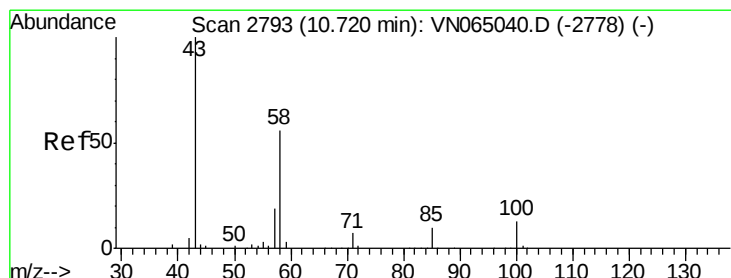
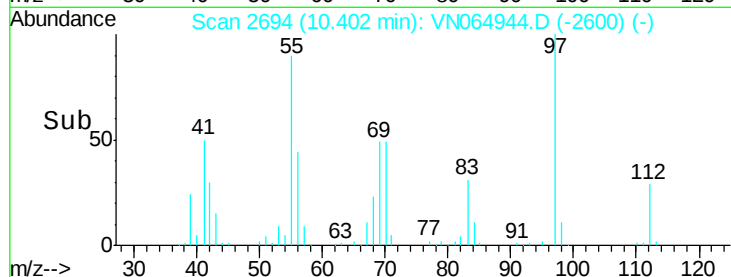
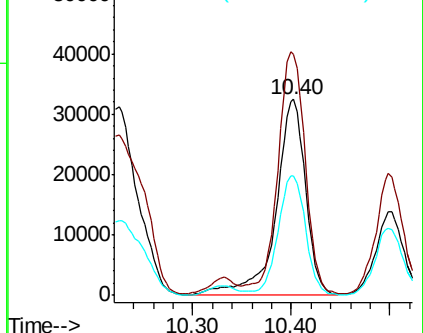
Ion	Ratio	Lower	Upper
69	100		
41	112.5	49.4	74.0#
39	56.7	25.9	38.9#



Abundance Ion 69.00 (68.70 to 69.70): VN065040.D (-2679) (-)

Ion 41.00 (40.70 to 41.70): VN065040.D (-2679) (-)

Ion 39.00 (38.70 to 39.70): VN065040.D (-2679) (-)



#59

2-Hexanone

Concen: 5.809 ug/l

RT: 10.69 min Scan# 2783

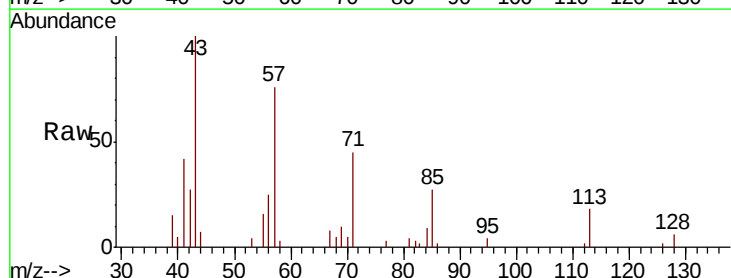
Delta R.T. -0.04 min

Lab File: VN064944.D

Acq: 7 Dec 2020 14:47

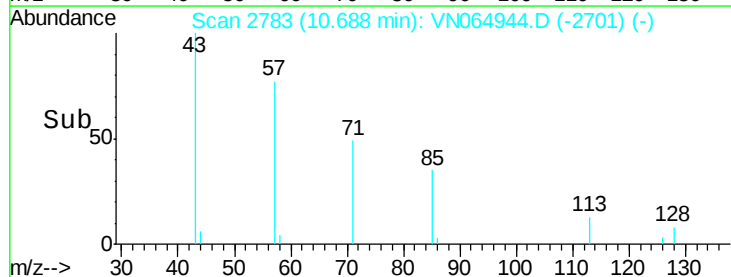
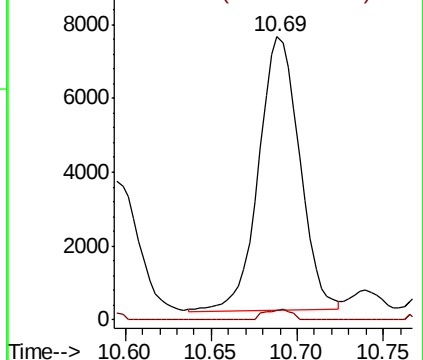
Tgt Ion: 43 Resp: 12258

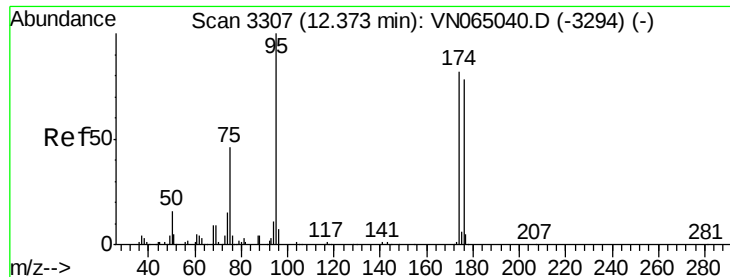
Ion	Ratio	Lower	Upper
43	100		
58	2.5	28.3	84.9#



Abundance Ion 43.00 (42.70 to 43.70): VN065040.D (-2778) (-)

Ion 58.00 (57.70 to 58.70): VN065040.D (-2778) (-)





#62

4-Bromofluorobenzene

Concen: 57.914 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064944.D

Acq: 7 Dec 2020 14:47

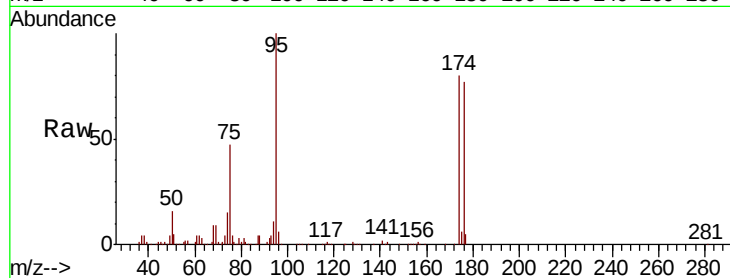
Tot Ion: 95 Resp: 172259

Ion Ratio Lower Upper

95 100

174 82.2 0.0 160.4

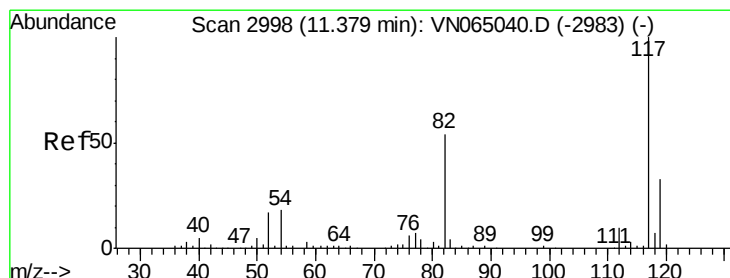
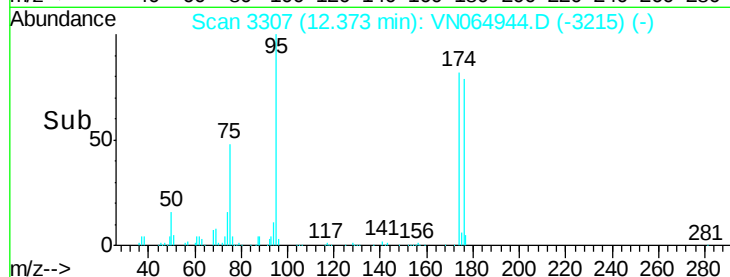
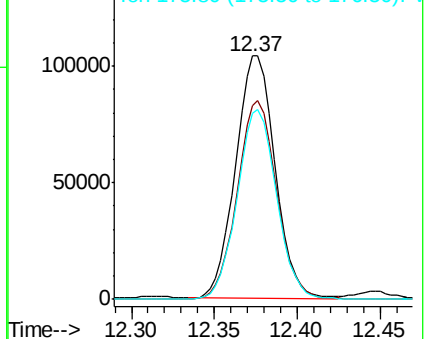
176 78.5 0.0 158.4



Abundance Ion 94.90 (94.60 to 95.60): VN065040.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN065040.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN065040.D (-3294) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064944.D

Acq: 7 Dec 2020 14:47

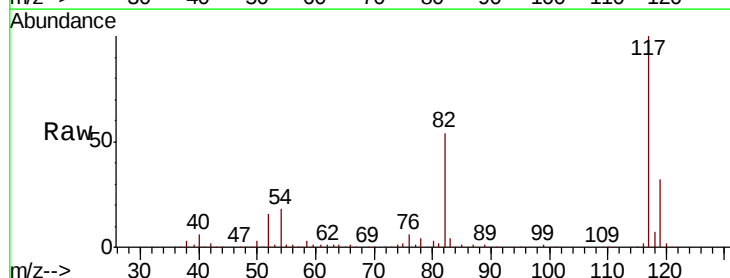
Tgt Ion: 117 Resp: 352517

Ion Ratio Lower Upper

117 100

82 53.9 44.2 66.2

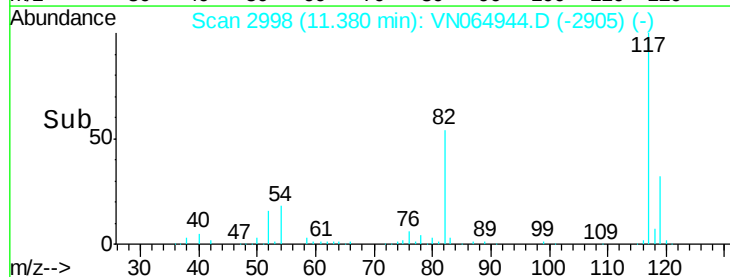
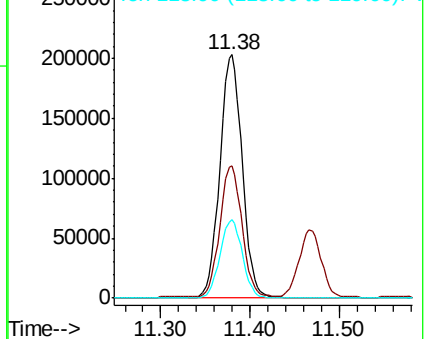
119 32.0 25.8 38.6

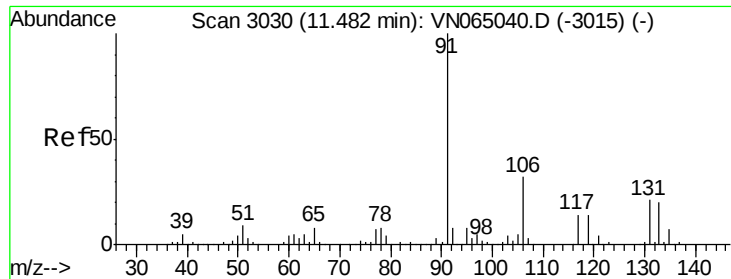


Abundance Ion 116.90 (116.60 to 117.60): VN065040.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN065040.D (-2983) (-)

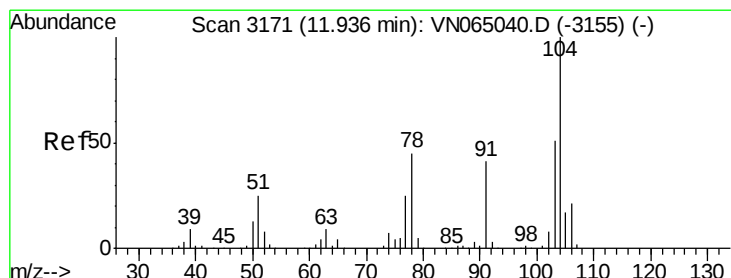
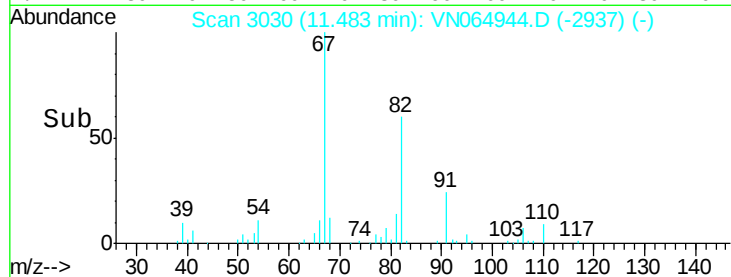
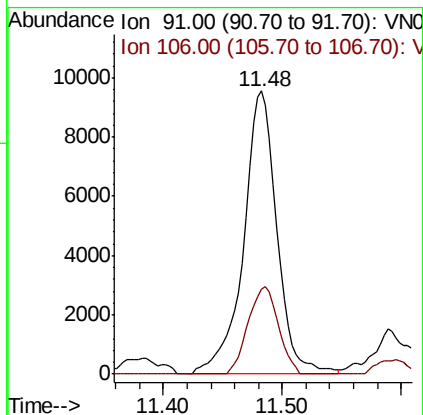
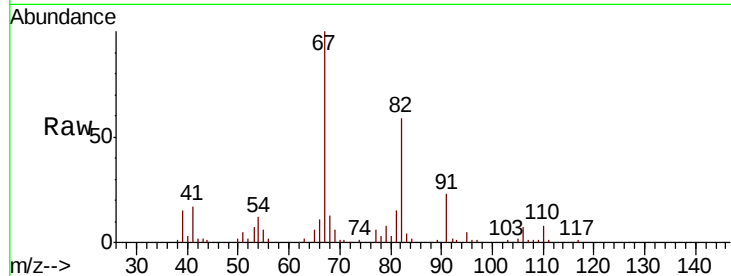
Ion 118.90 (118.60 to 119.60): VN065040.D (-2983) (-)





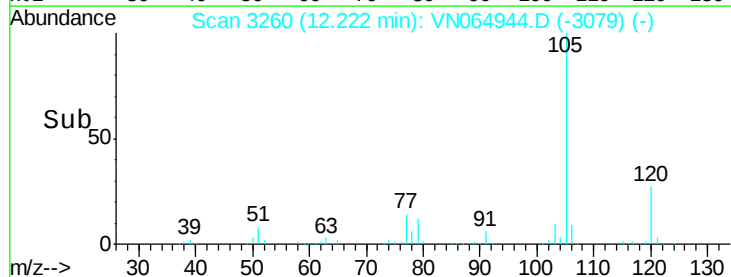
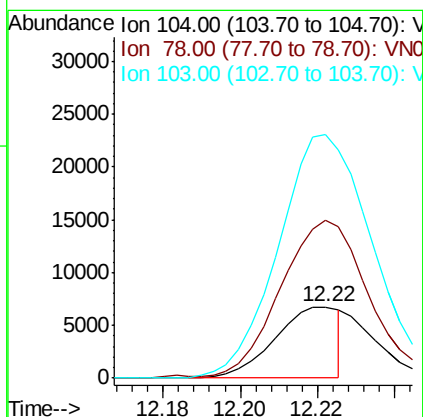
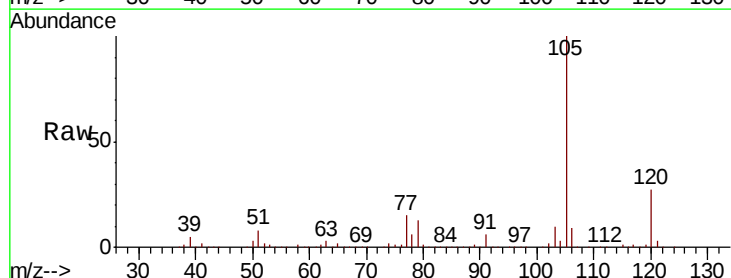
#67
Ethyl Benzene
Concen: 1.467 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064944.D
Acq: 7 Dec 2020 14:47

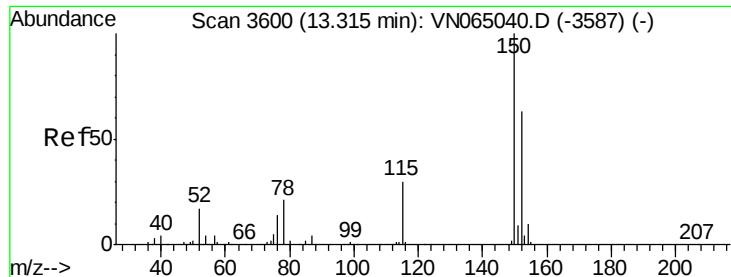
Tot Ion: 91 Resp: 18557
Ion Ratio Lower Upper
91 100
106 30.1 25.2 37.8



#70
Styrene
Concen: 1.023 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.28 min
Lab File: VN064944.D
Acq: 7 Dec 2020 14:47

Tgt Ion: 104 Resp: 7844
Ion Ratio Lower Upper
104 100
78 207.5 39.0 58.6#
103 327.6 44.3 66.5#

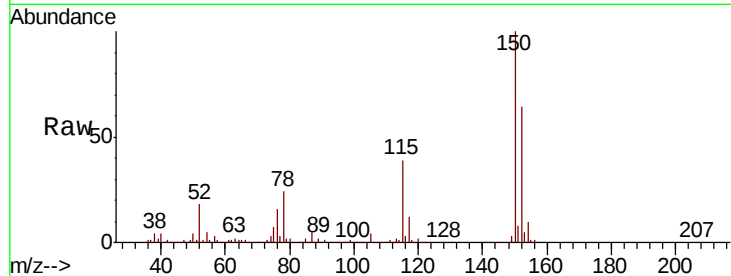




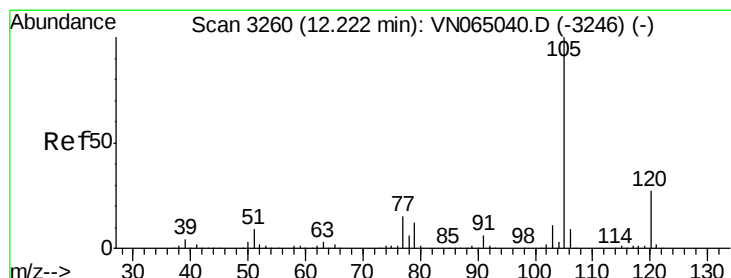
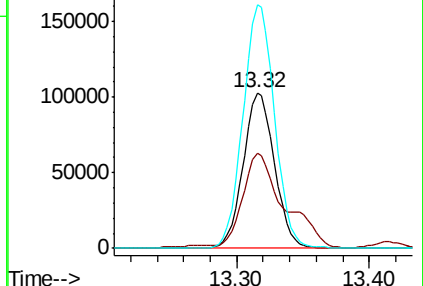
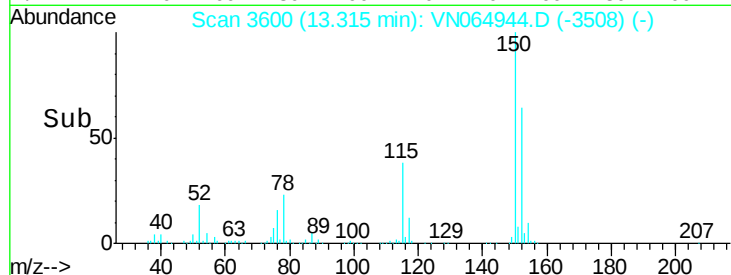
#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064944.D
Acq: 7 Dec 2020 14:47

Tot Ion	Ratio	Lower	Upper
152	100		
115	80.6	29.7	89.1
150	157.6	0.0	350.6



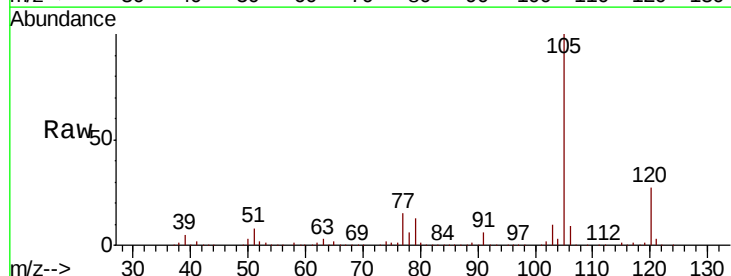
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



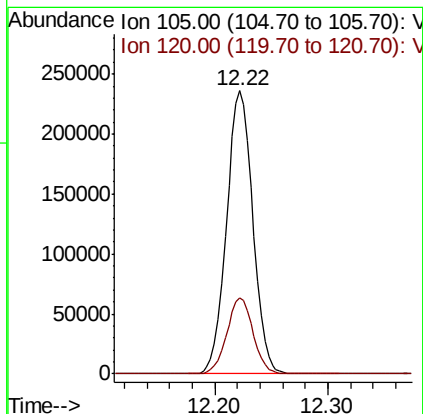
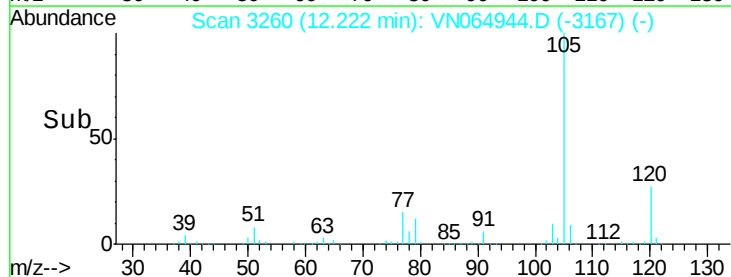
#73

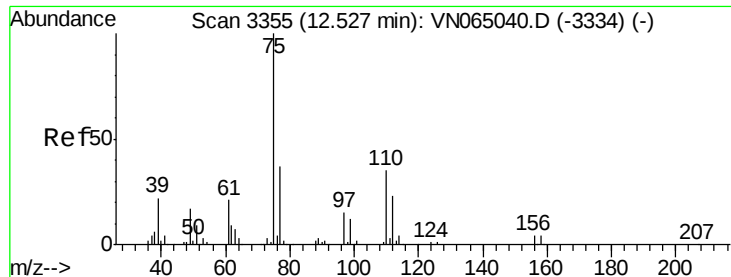
Isopropylbenzene
Concen: 32.480 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064944.D
Acq: 7 Dec 2020 14:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.3	39.9



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





#76

1,2,3-Trichloropropane

Concen: 0.883 ug/l

RT: 12.56 min Scan# 3365

Delta R.T. 0.03 min

Lab File: VN064944.D

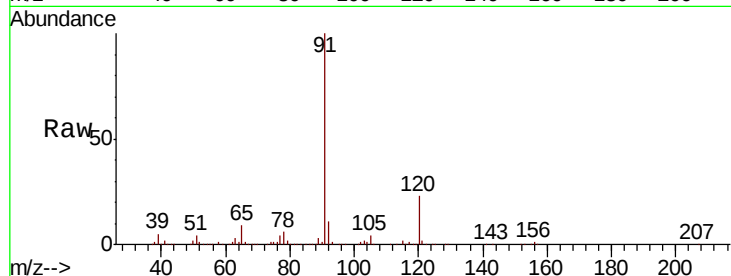
Acq: 7 Dec 2020 14:47

Tot Ion: 75 Resp: 3208

Ion Ratio Lower Upper

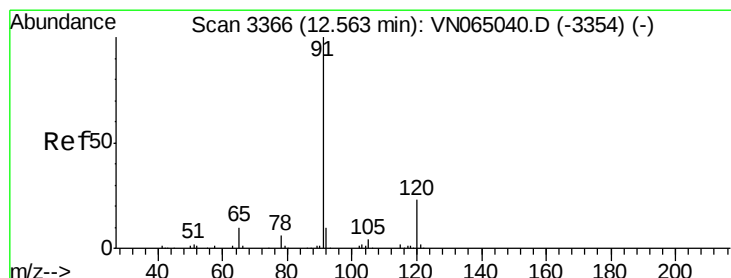
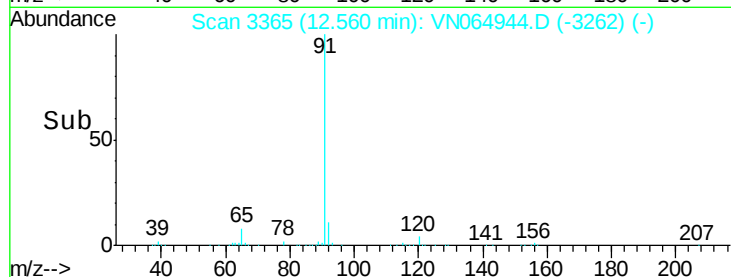
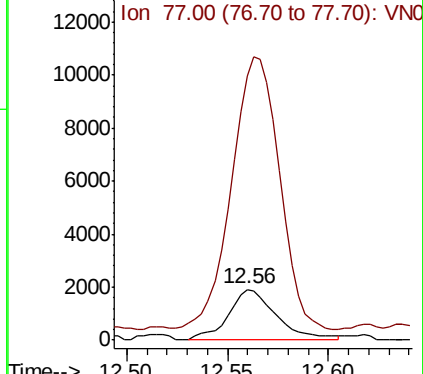
75 100

77 531.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN065040.D (-3334) (-)

Ion 77.00 (76.70 to 77.70): VN065040.D (-3334) (-)



#78

n-propylbenzene

Concen: 35.883 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064944.D

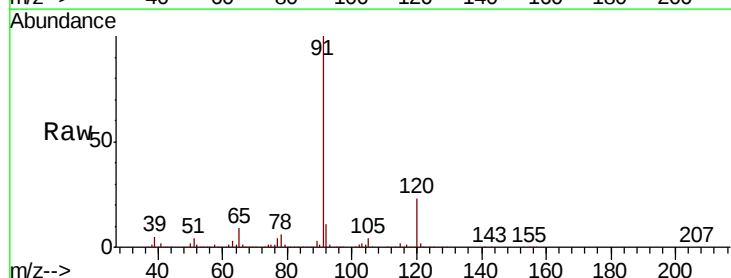
Acq: 7 Dec 2020 14:47

Tgt Ion: 91 Resp: 479510

Ion Ratio Lower Upper

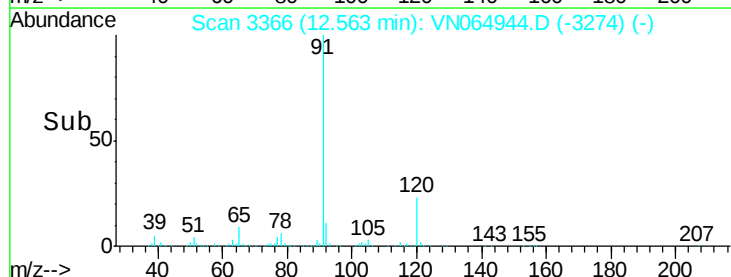
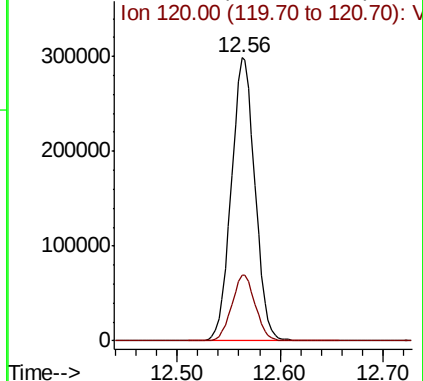
91 100

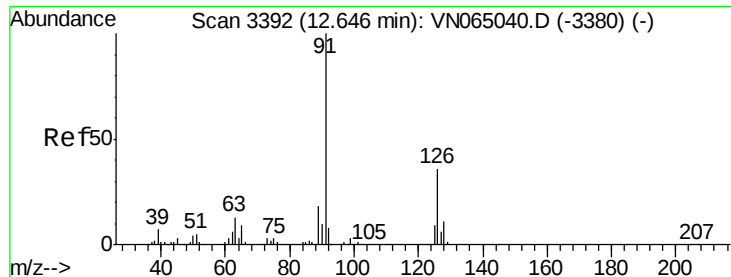
120 23.2 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN065040.D (-3354) (-)

Ion 120.00 (119.70 to 120.70): VN065040.D (-3354) (-)





#79

2-Chlorotoluene

Concen: 58.049 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.09 min

Lab File: VN064944.D

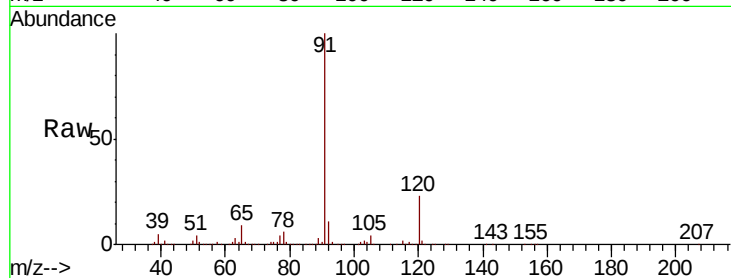
Acq: 7 Dec 2020 14:47

Tot Ion: 91 Resp: 479510

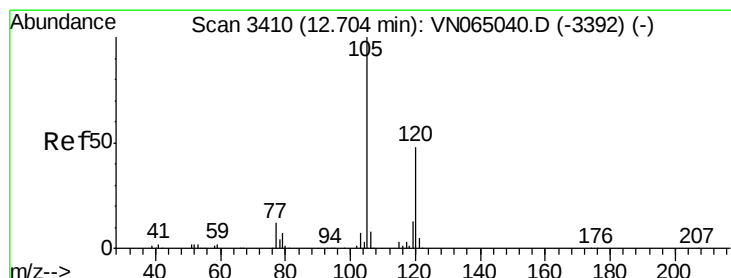
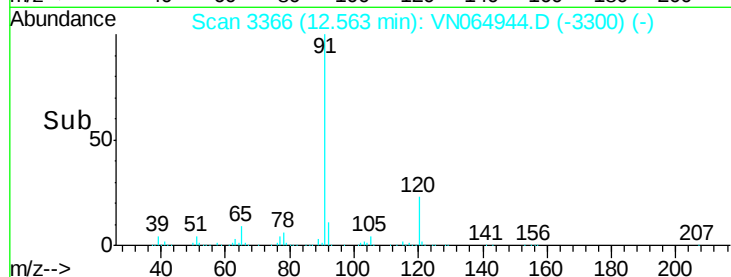
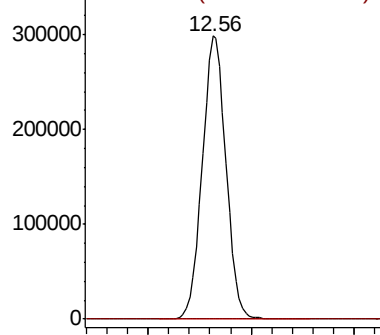
Ion Ratio Lower Upper

91 100

126 0.0 17.2 51.6#



Abundance Ion 91.00 (90.70 to 91.70): VN065040.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 1.648 ug/l

RT: 12.87 min Scan# 3460

Delta R.T. 0.16 min

Lab File: VN064944.D

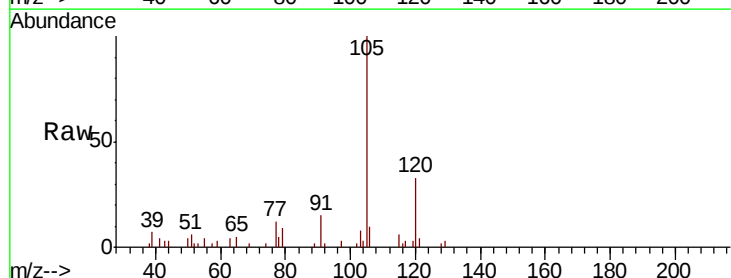
Acq: 7 Dec 2020 14:47

Tgt Ion:105 Resp: 16070

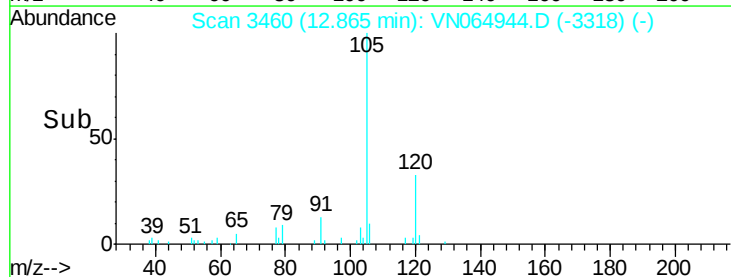
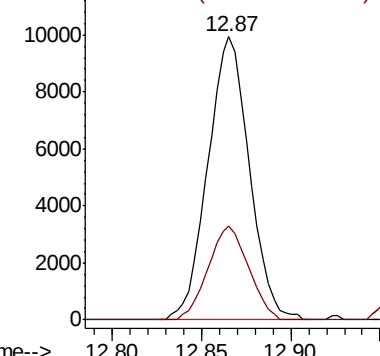
Ion Ratio Lower Upper

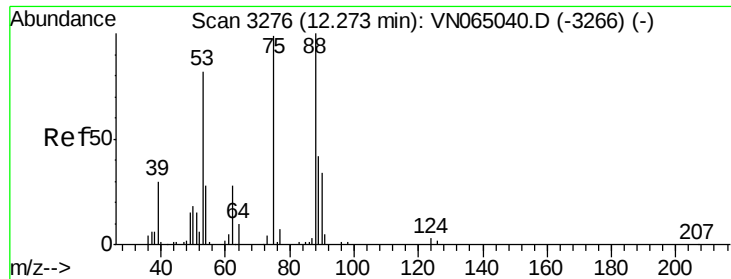
105 100

120 32.2 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VN065040.D (-3392) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 3.191 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.05 min

Lab File: VN064944.D

Acq: 7 Dec 2020 14:47

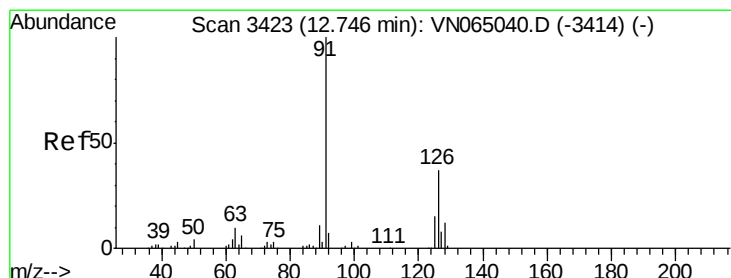
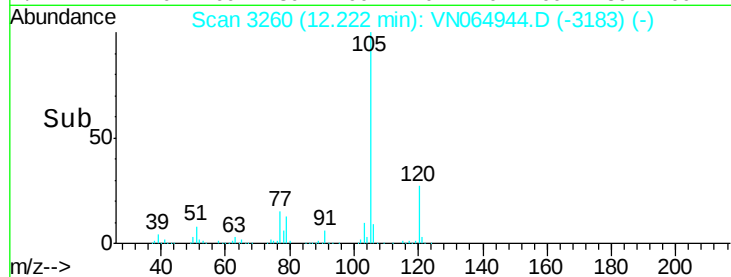
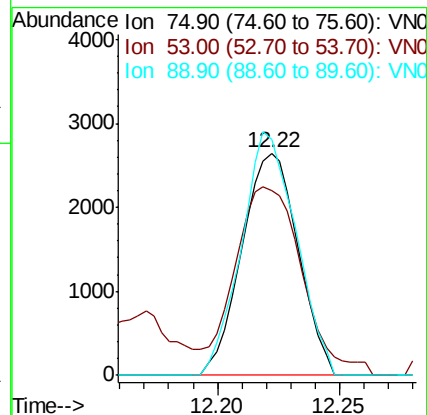
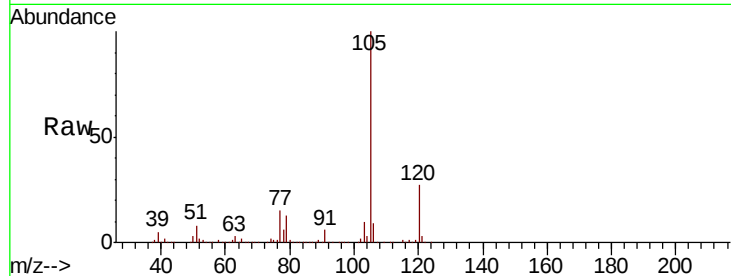
Tot Ion: 75 Resp: 4228

Ion Ratio Lower Upper

75 100

53 102.1 67.0 100.4#

89 106.2 39.6 59.4#



#82

4-Chlorotoluene

Concen: 55.381 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.18 min

Lab File: VN064944.D

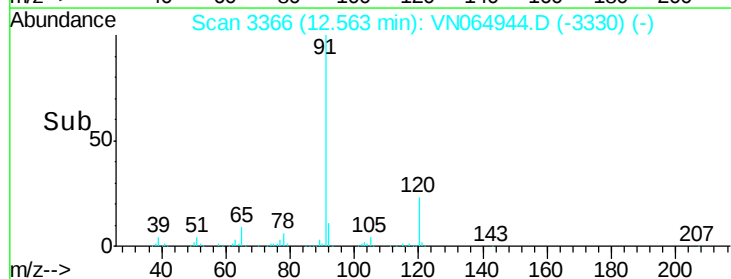
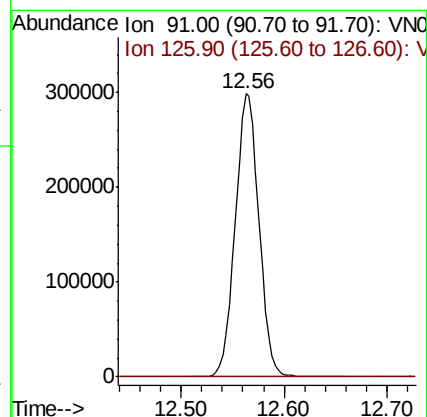
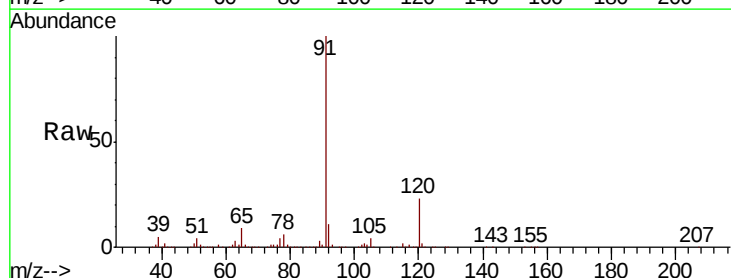
Acq: 7 Dec 2020 14:47

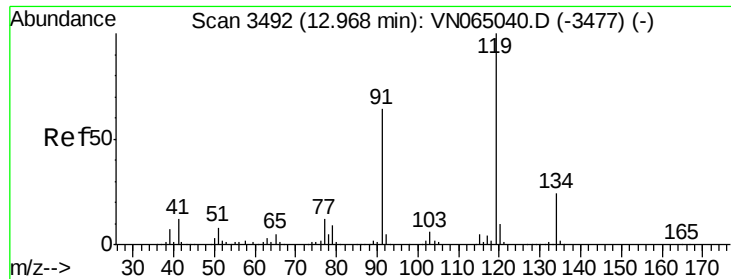
Tgt Ion: 91 Resp: 479510

Ion Ratio Lower Upper

91 100

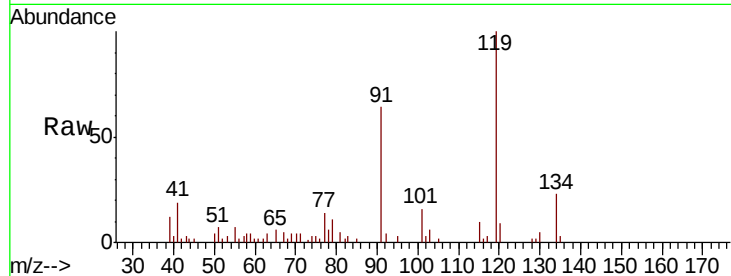
126 0.0 16.9 50.7#



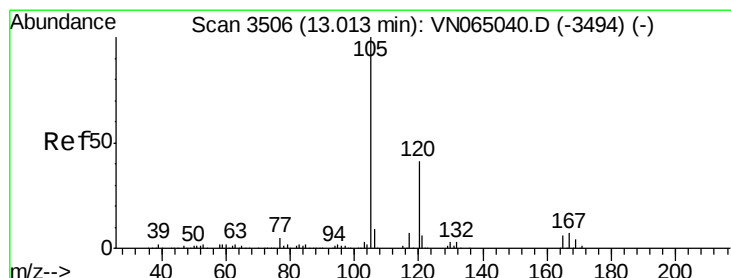
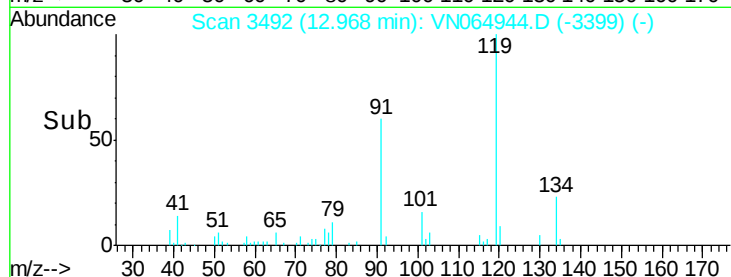
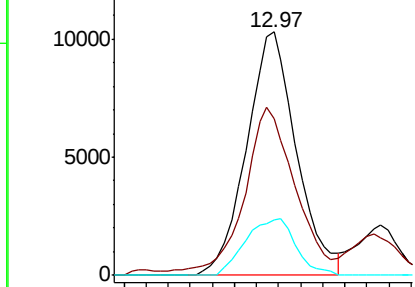


#83
tert-Butylbenzene
Concen: 1.972 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064944.D
Acq: 7 Dec 2020 14:47

Tot Ion:119 Resp: 16115
Ion Ratio Lower Upper
119 100
91 67.7 32.3 96.8
134 23.6 12.6 37.6

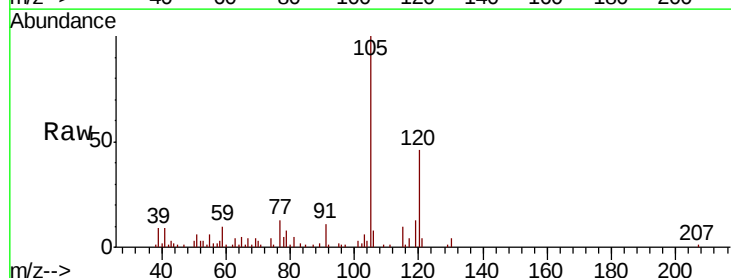


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

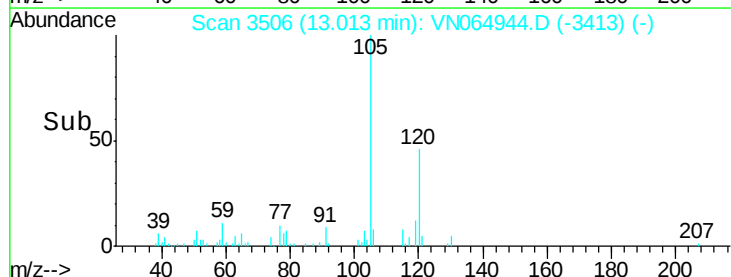
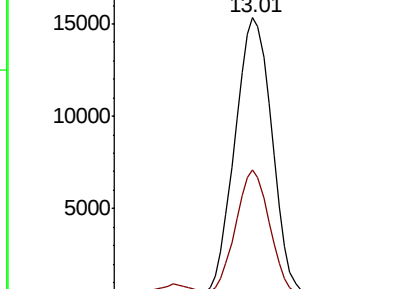


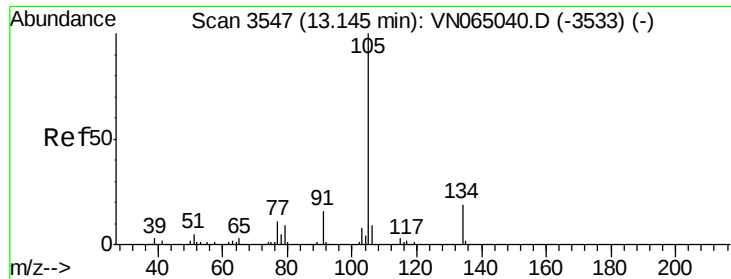
#84
1,2,4-Trimethylbenzene
Concen: 2.515 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064944.D
Acq: 7 Dec 2020 14:47

Tgt Ion:105 Resp: 24791
Ion Ratio Lower Upper
105 100
120 43.9 23.1 69.2



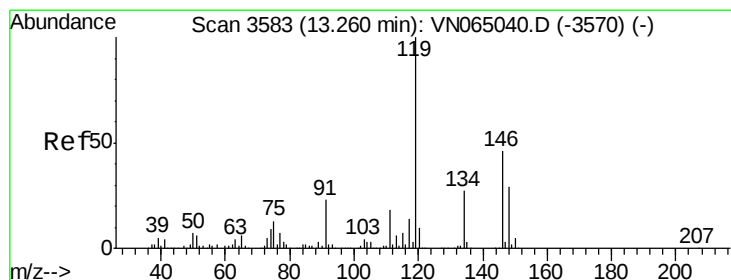
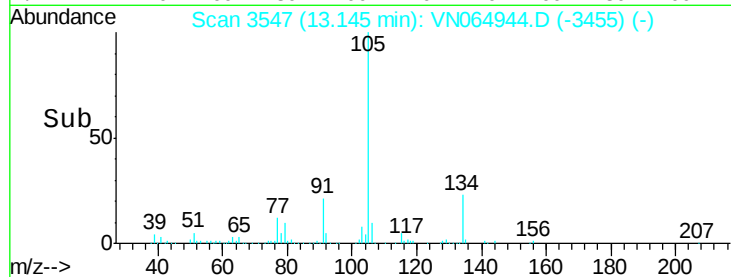
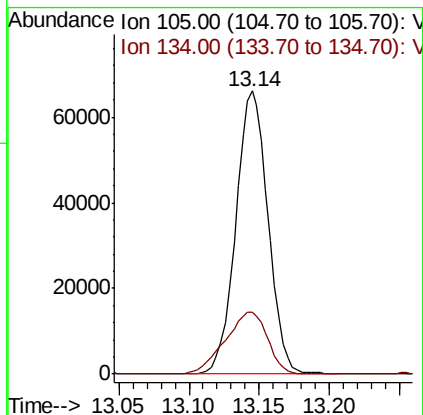
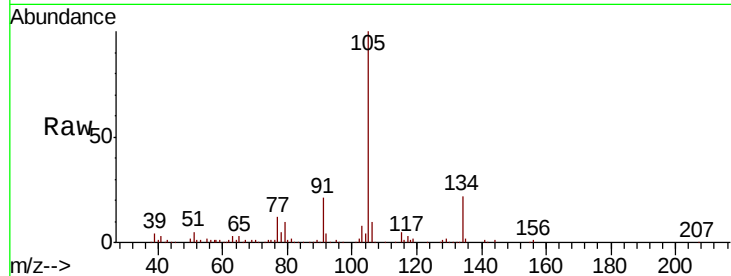
Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





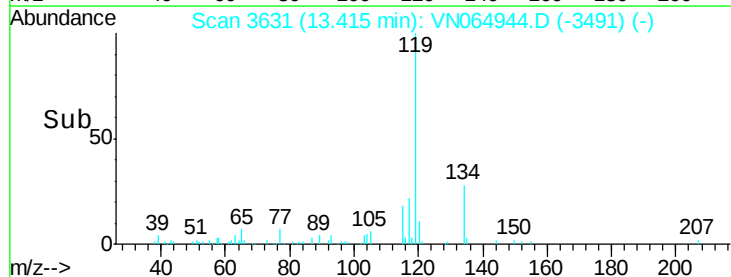
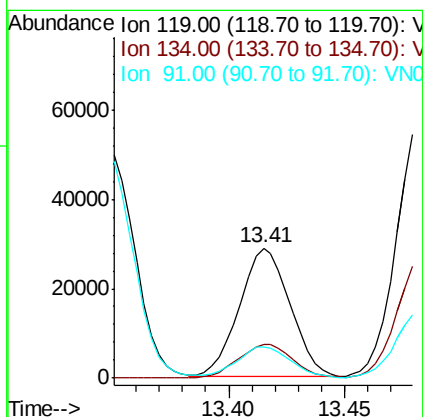
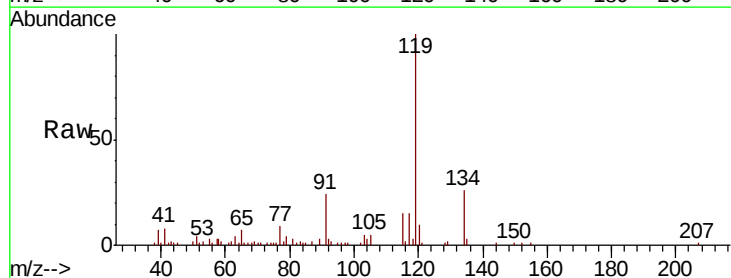
#85
 sec-Butylbenzene
 Concen: 9.723 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064944.D
 Acq: 7 Dec 2020 14:47

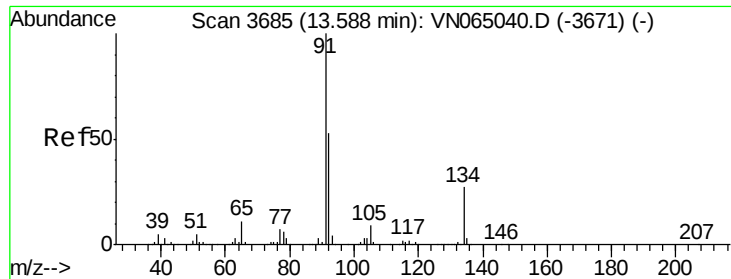
Tot Ion:105 Resp: 105504
 Ion Ratio Lower Upper
 105 100
 134 28.7 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 4.351 ug/l
 RT: 13.41 min Scan# 3631
 Delta R.T. 0.15 min
 Lab File: VN064944.D
 Acq: 7 Dec 2020 14:47

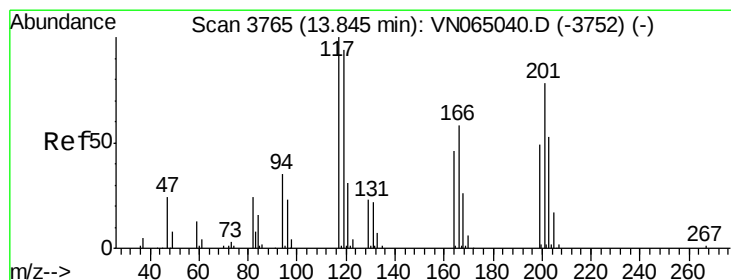
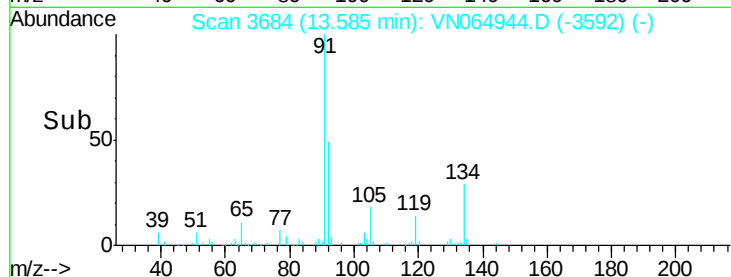
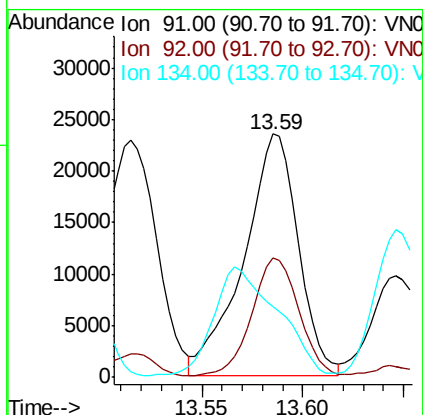
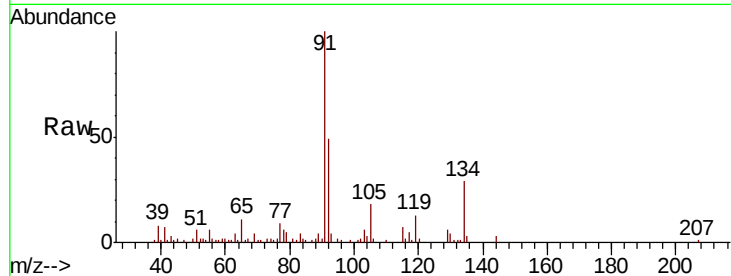
Tgt Ion:119 Resp: 42987
 Ion Ratio Lower Upper
 119 100
 134 28.8 13.1 39.1
 91 24.9 11.5 34.5





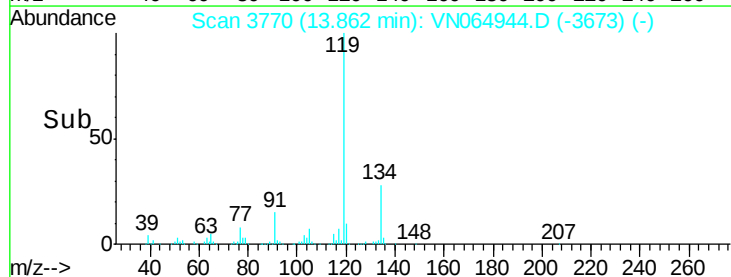
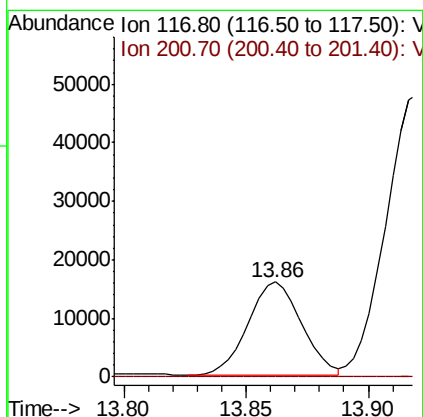
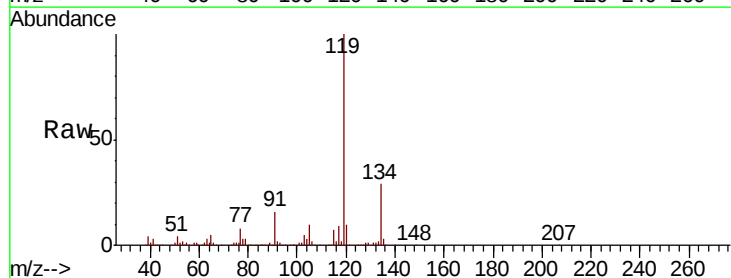
#89
n-Butylbenzene
Concen: 5.078 ug/l
RT: 13.59 min Scan# 3684
Delta R.T. -0.00 min
Lab File: VN064944.D
Acq: 7 Dec 2020 14:47

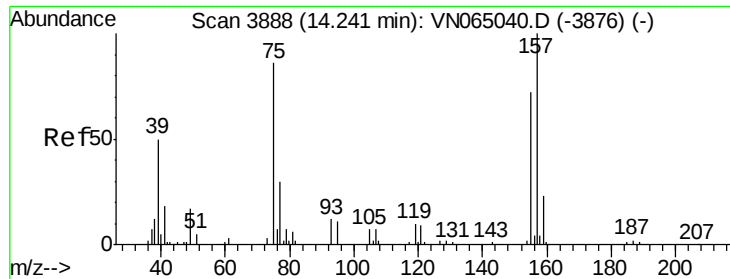
Tot Ion: 91 Resp: 44051
Ion Ratio Lower Upper
91 100
92 43.6 26.0 78.0
134 54.9 12.9 38.6#



#90
Hexachloroethane
Concen: 14.067 ug/l
RT: 13.86 min Scan# 3770
Delta R.T. 0.01 min
Lab File: VN064944.D
Acq: 7 Dec 2020 14:47

Tgt Ion: 117 Resp: 24142
Ion Ratio Lower Upper
117 100
201 0.0 40.1 120.3#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.237 ug/l

RT: 14.27 min Scan# 3896

Delta R.T. 0.02 min

Lab File: VN064944.D

Acq: 7 Dec 2020 14:47

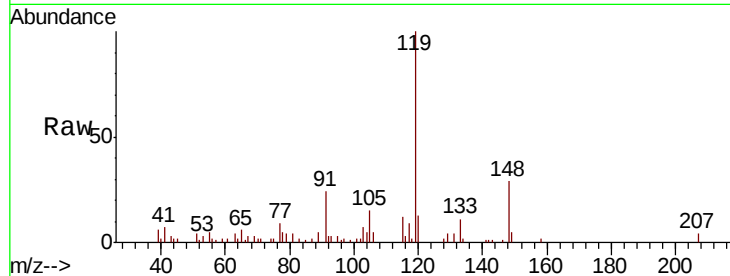
Tot Ion: 75 Resp: 183

Ion Ratio Lower Upper

75 100

155 0.0 42.8 128.3#

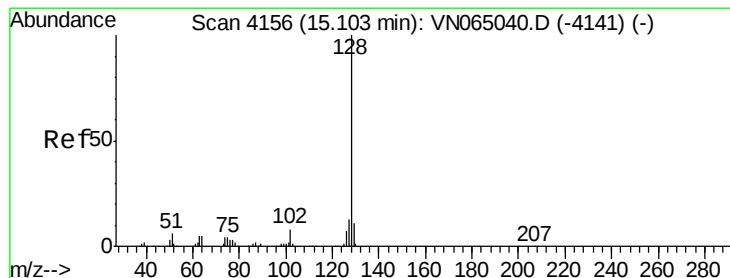
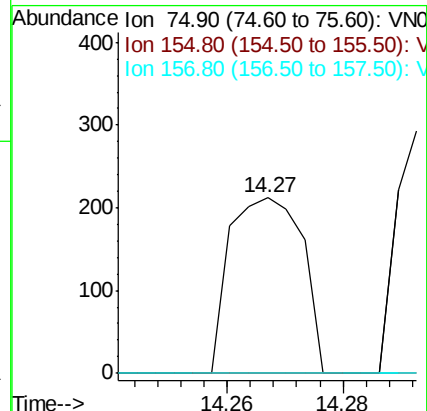
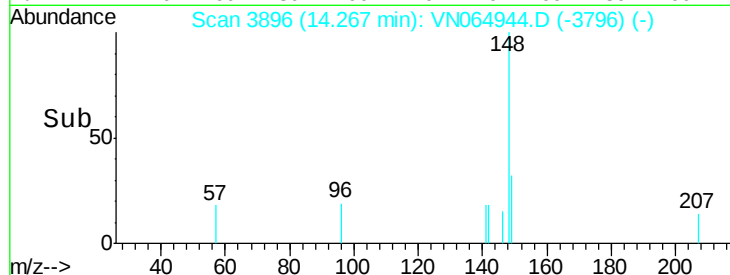
157 0.0 56.4 169.1#



Abundance Ion 74.90 (74.60 to 75.60): VN065040.D (-3876) (-)

Ion 154.80 (154.50 to 155.50): VN065040.D (-3876) (-)

Ion 156.80 (156.50 to 157.50): VN065040.D (-3876) (-)



#95

Naphthalene

Concen: 34.056 ug/l

RT: 15.10 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN064944.D

Acq: 7 Dec 2020 14:47

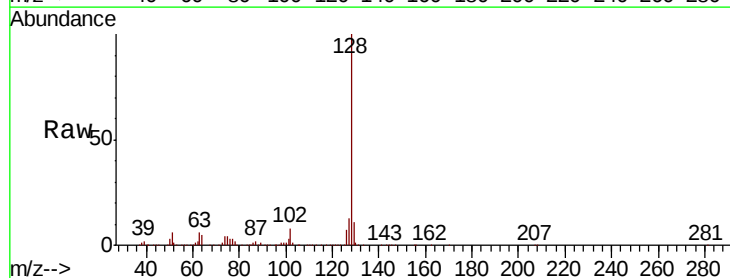
Tgt Ion: 128 Resp: 348201

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): VN065040.D (-4141) (-)

Ion 127.00 (126.70 to 127.70): VN065040.D (-4141) (-)

Ion 129.00 (128.70 to 129.70): VN065040.D (-4141) (-)

