

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120720\
 Data File : VN064940.D
 Acq On : 7 Dec 2020 13:11
 Operator : JC/MD
 Sample : L4954-04RE
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 15 04:03:04 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	7.63	168	200731	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	337969	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	353423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	174273	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	111243	47.67	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.34%
35) Dibromofluoromethane	7.55	113	103807	51.33	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.66%
50) Toluene-d8	10.06	98	442250	53.52	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.04%
62) 4-Bromofluorobenzene	12.37	95	173218	58.58	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	117.16%

Target Compounds

						Qvalue
13) Acrolein	3.76	56	9463	42.569	ug/l #	72
14) Allyl chloride	4.48	41	33170	10.332	ug/l #	62
15) Acrylonitrile	5.00	53	9696	9.644	ug/l #	52
16) Acetone	3.76	43	25652	33.439	ug/l #	53
18) Methyl Acetate	4.48	43	86218	37.382	ug/l #	50
20) Methylene Chloride	4.47	84	713	0.297	ug/l #	1
25) 2-Butanone	6.79	43	2927	2.354	ug/l #	49
26) 2,2-Dichloropropane	6.58	77	9053	2.718	ug/l #	52
29) Tetrahydrofuran	7.35	42	731	0.852	ug/l #	1
31) Cyclohexane	7.61	56	1024085	314.859	ug/l	96
36) 1,1-Dichloropropene	7.63	75	14324	4.573	ug/l #	22
37) Ethyl Acetate	6.79	43	2927	0.970	ug/l #	66
38) Carbon Tetrachloride	7.62	117	19165	5.880	ug/l #	15
39) Methylcyclohexane	9.05	83	1116960	331.217	ug/l	97
40) Benzene	8.00	78	51174	5.331	ug/l	99
41) Methacrylonitrile	7.35	41	6260	4.496	ug/l #	56
43) Isopropyl Acetate	8.11	43	29290	6.032	ug/l #	59
45) 1,2-Dichloropropane	9.05	63	9166	3.687	ug/l #	1
46) Dibromomethane	9.04	93	449	0.270	ug/l #	2
47) Bromodichloromethane	9.23	83	7567	2.264	ug/l #	24
48) Methyl methacrylate	9.23	41	41712	17.978	ug/l #	45
51) 4-Methyl-2-Pentanone	9.96	43	3653	1.253	ug/l	88
55) 1,1,2-Trichloroethane	10.50	97	52172	21.461	ug/l #	17
56) Ethyl methacrylate	10.40	69	27683	8.252	ug/l #	28
59) 2-Hexanone	10.85	43	3607	1.719	ug/l	71
67) Ethyl Benzene	11.48	91	1177356	92.858	ug/l	100
68) m/p-Xylenes	11.48	106	372641	77.627	ug/l #	25
69) o-Xylene	11.92	106	4328	0.950	ug/l	94
73) Isopropylbenzene	12.22	105	662541	54.656	ug/l	100
74) N-amyl acetate	12.02	43	4463	0.936	ug/l #	42
75) 1,1,2,2-Tetrachloroethane	12.45	83	1033	0.291	ug/l #	36
76) 1,2,3-Trichloropropane	12.56	75	4963	1.322	ug/l #	100
78) n-propylbenzene	12.56	91	757021	54.820	ug/l	99
79) 2-Chlorotoluene	12.71	91	84168	9.860	ug/l #	40

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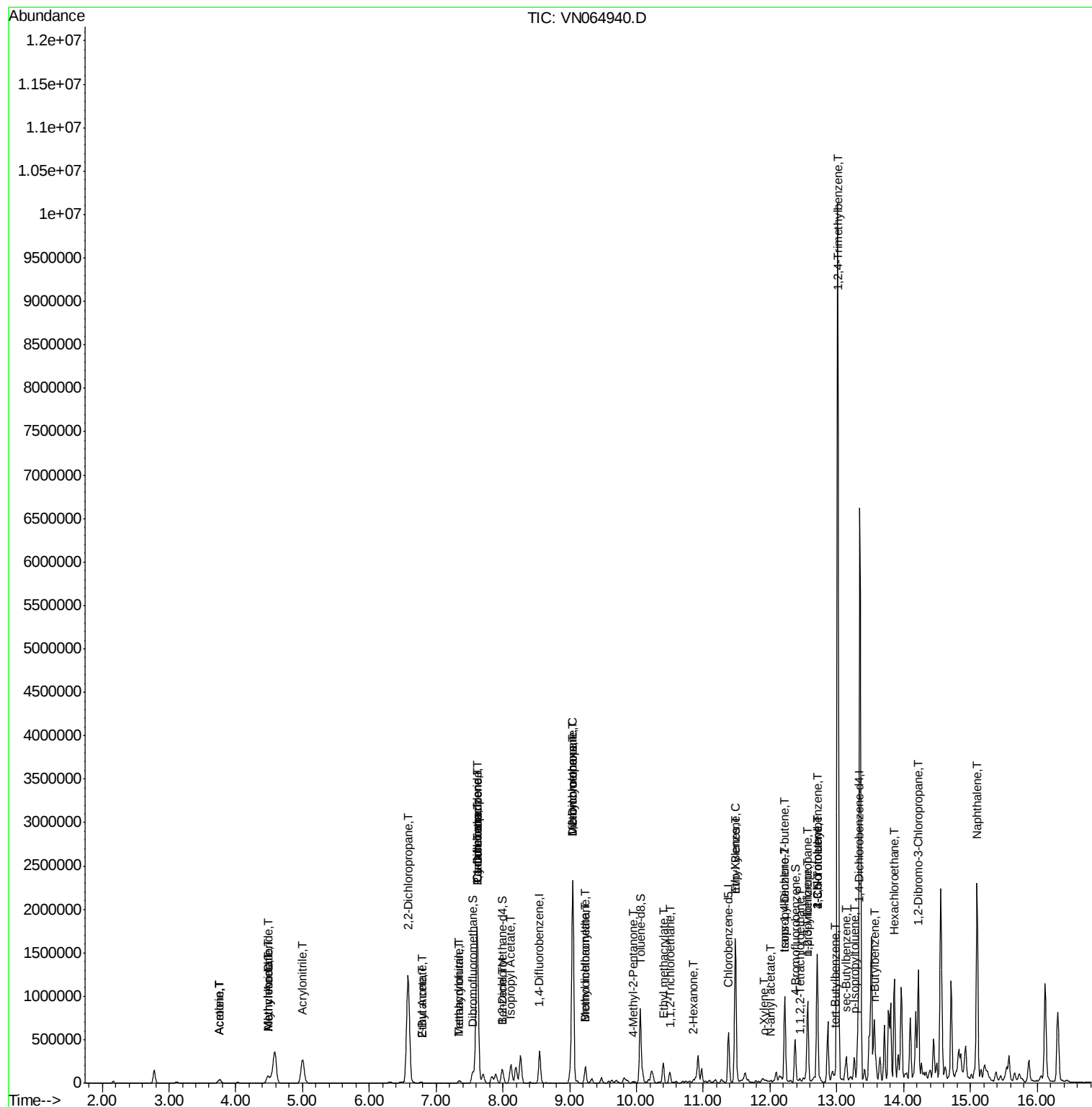
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

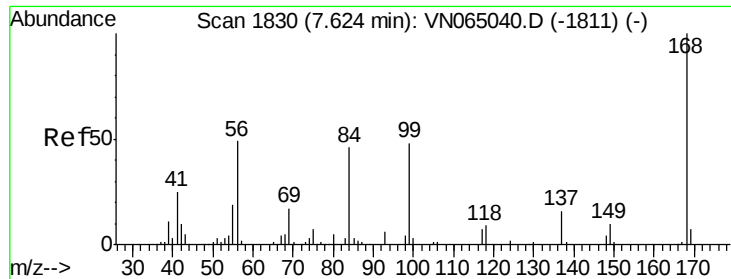
80) 1,3,5-Trimethylbenzene	12.71	105	829519	82.329	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.22	75	7478	5.461	ug/l #	60
82) 4-Chlorotoluene	12.71	91	84168	9.407	ug/l #	41
83) tert-Butylbenzene	12.97	119	25085	2.970	ug/l #	41
84) 1,2,4-Trimethylbenzene	13.01	105	5602002	549.905	ug/l	90
85) sec-Butylbenzene	13.14	105	183720	16.384	ug/l	81
86) p-Isopropyltoluene	13.26	119	143142	14.021	ug/l	99
89) n-Butylbenzene	13.59	91	101963	11.373	ug/l #	79
90) Hexachloroethane	13.86	117	55705	31.410	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.22	75	4347	5.438	ug/l #	1
95) Naphthalene	15.10	128	1993586	188.685	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064940.D

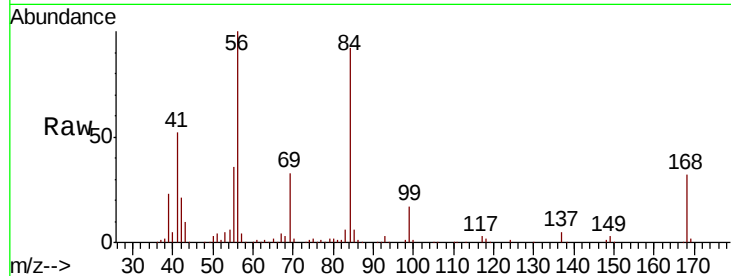
Acq: 7 Dec 2020 13:11

Tot Ion:168 Resp: 200731

Ion Ratio Lower Upper

168 100

99 53.1 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): VN064940.D (-1738) (-)

Ion 98.90 (98.60 to 99.60): VN064940.D (-1738) (-)

7.63

80000

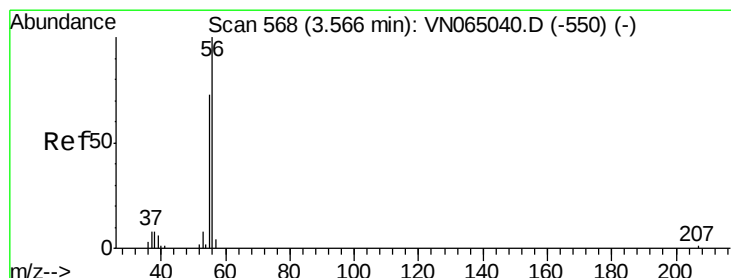
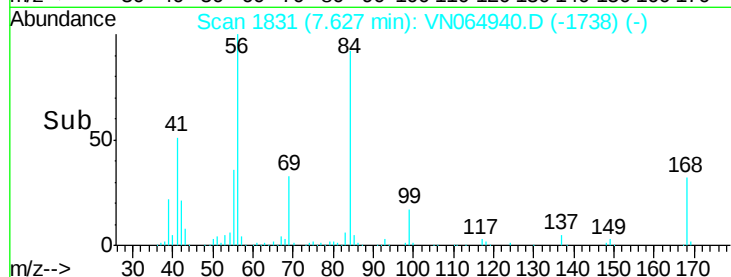
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#13

Acrolein

Concen: 42.569 ug/l

RT: 3.76 min Scan# 627

Delta R.T. 0.19 min

Lab File: VN064940.D

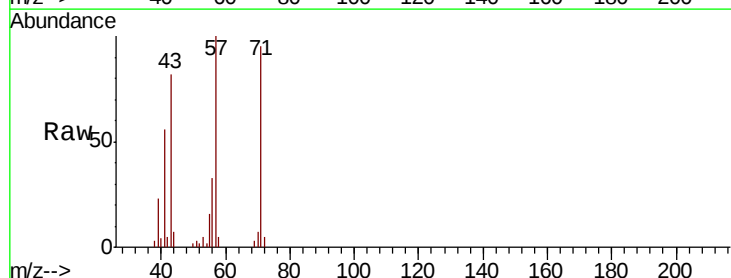
Acq: 7 Dec 2020 13:11

Tgt Ion: 56 Resp: 9463

Ion Ratio Lower Upper

56 100

55 47.8 56.5 84.7#



Abundance Ion 56.00 (55.70 to 56.70): VN064940.D (-475) (-)

Ion 55.00 (54.70 to 55.70): VN064940.D (-475) (-)

3.76

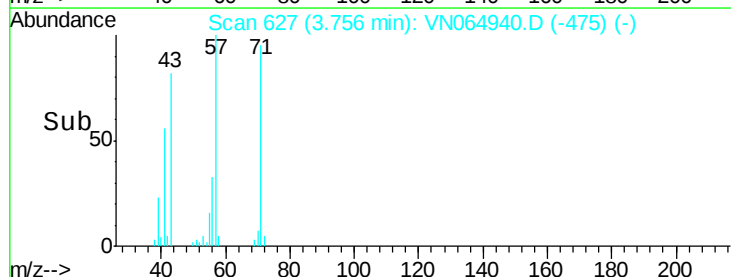
3000

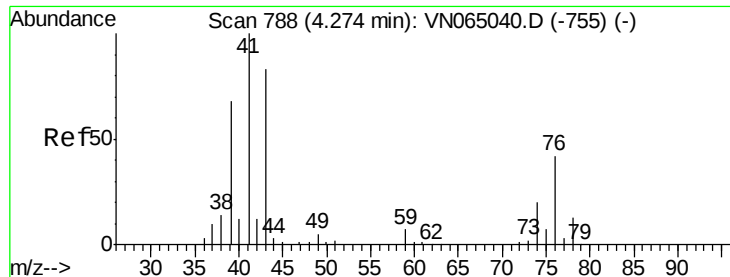
2000

1000

0

Time--> 3.65 3.70 3.75 3.80 3.85





#14

Allvl chloride

Concen: 10.332 ug/l

RT: 4.48 min Scan# 853

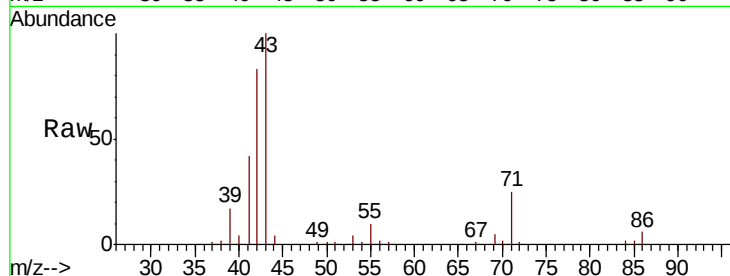
Delta R.T. 0.21 min

Lab File: VN064940.D

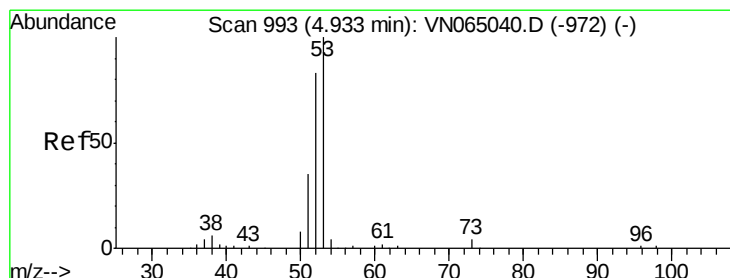
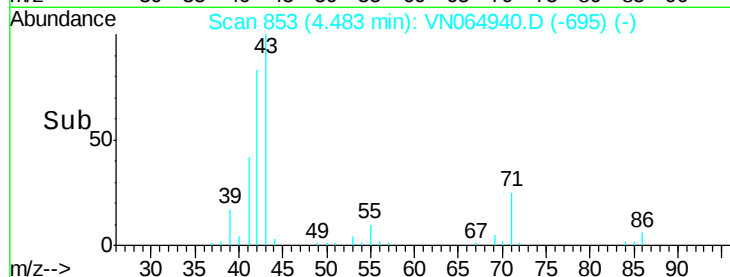
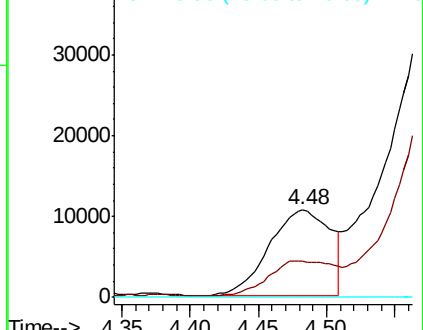
Acq: 7 Dec 2020 13:11

Tot Ion: 41 Resp: 33170

Ion	Ratio	Lower	Upper
41	100		
39	43.9	50.9	76.3#
76	0.0	29.0	43.4#



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 75.90 (75.60 to 76.60): VN0



#15

Acrylonitrile

Concen: 9.644 ug/l

RT: 5.00 min Scan# 1013

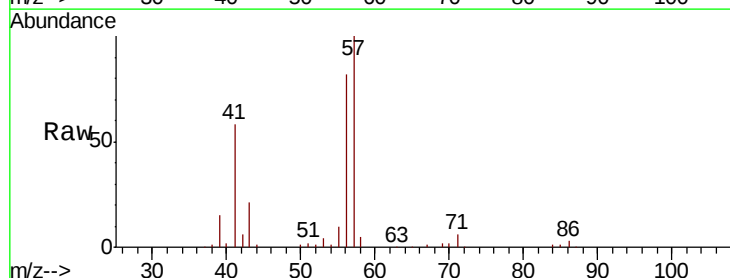
Delta R.T. 0.06 min

Lab File: VN064940.D

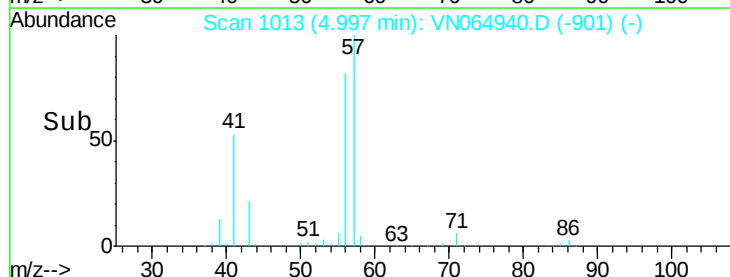
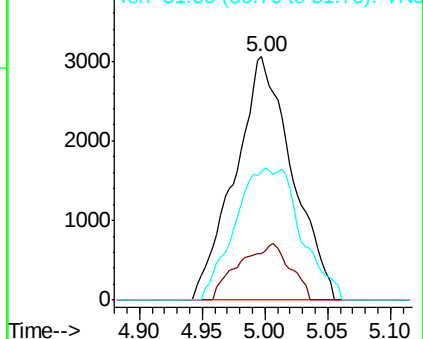
Acq: 7 Dec 2020 13:11

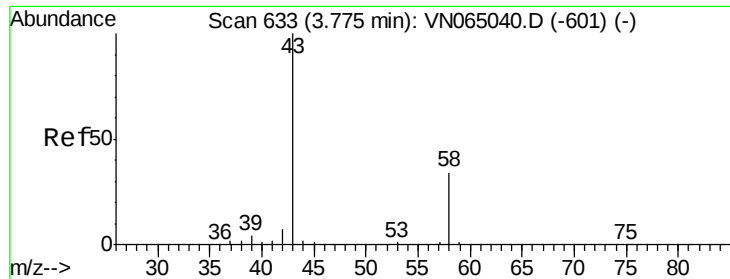
Tgt Ion: 53 Resp: 9696

Ion	Ratio	Lower	Upper
53	100		
52	20.7	65.5	98.3#
51	37.0	28.6	43.0



Abundance Ion 53.00 (52.70 to 53.70): VN0
Ion 52.00 (51.70 to 52.70): VN0
Ion 51.00 (50.70 to 51.70): VN0





#16

Acetone

Concen: 33.439 ug/l

RT: 3.76 min Scan# 627

Delta R.T. -0.02 min

Lab File: VN064940.D

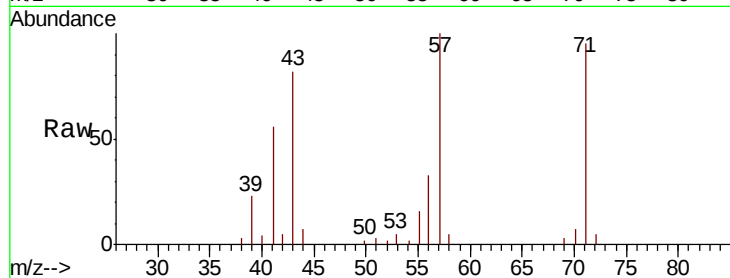
Acq: 7 Dec 2020 13:11

Tot Ion: 43 Resp: 25652

Ion Ratio Lower Upper

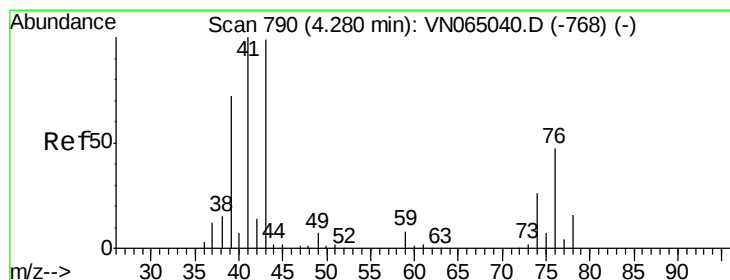
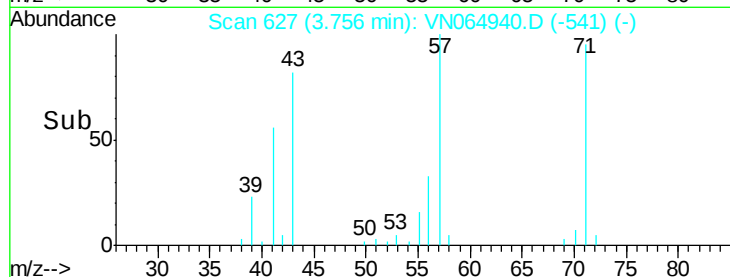
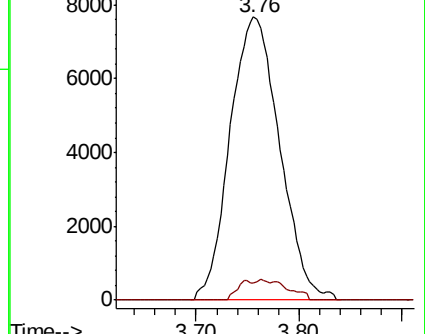
43 100

58 6.1 25.7 38.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 37.382 ug/l

RT: 4.48 min Scan# 853

Delta R.T. 0.20 min

Lab File: VN064940.D

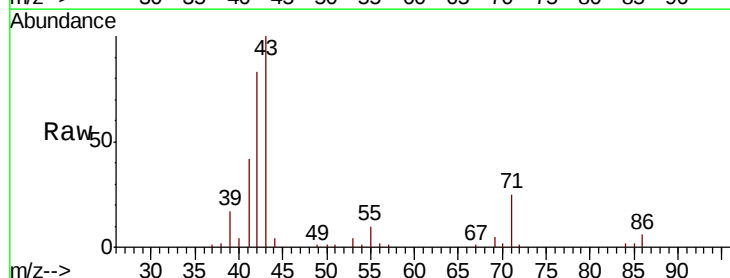
Acq: 7 Dec 2020 13:11

Tgt Ion: 43 Resp: 86218

Ion Ratio Lower Upper

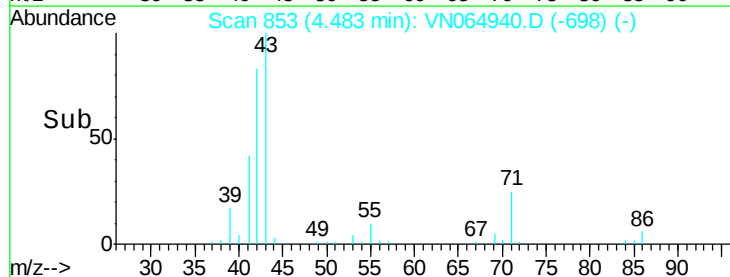
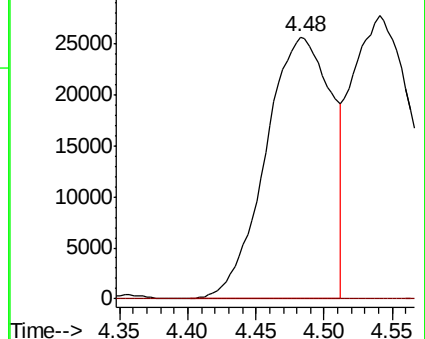
43 100

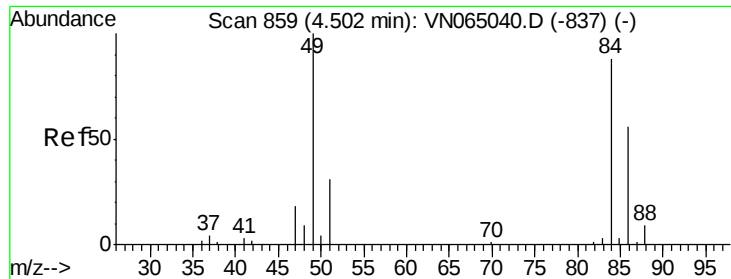
74 0.0 20.2 30.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

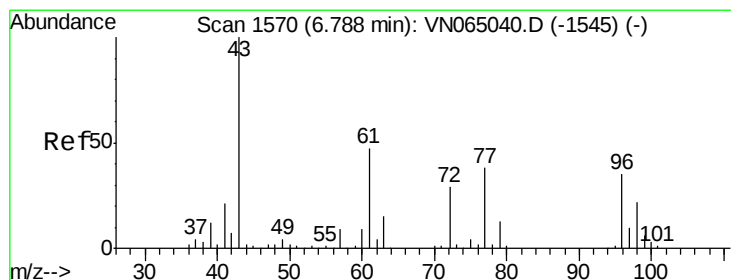
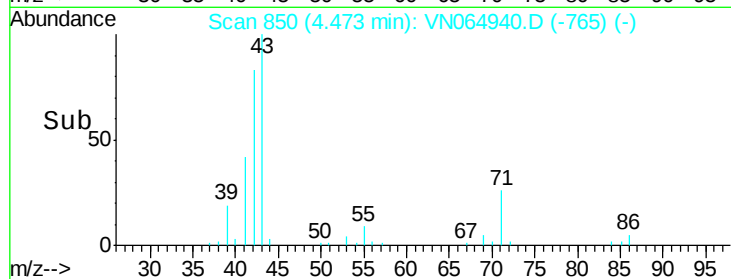
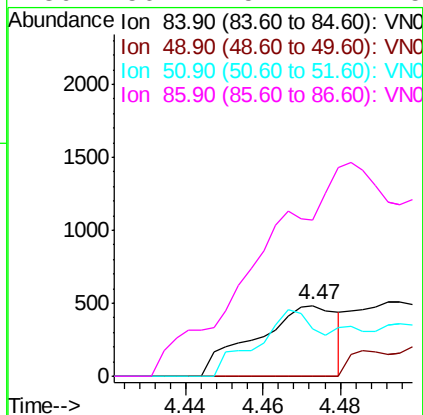
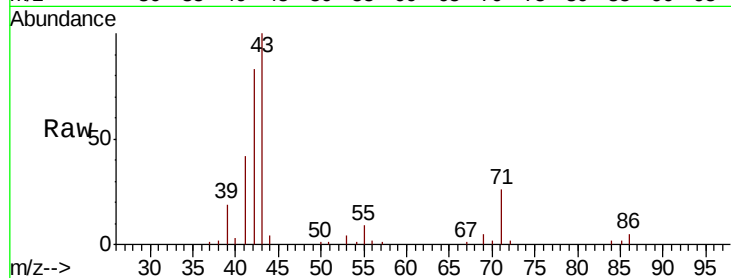
Ion 74.00 (73.70 to 74.70): VN0





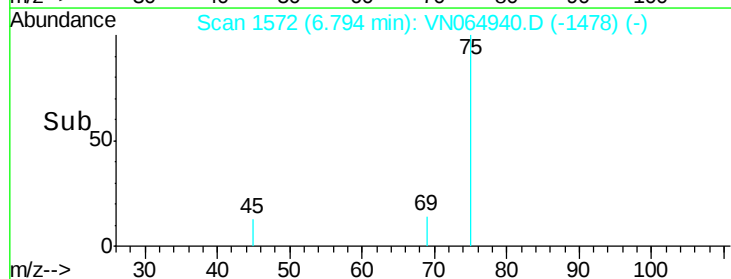
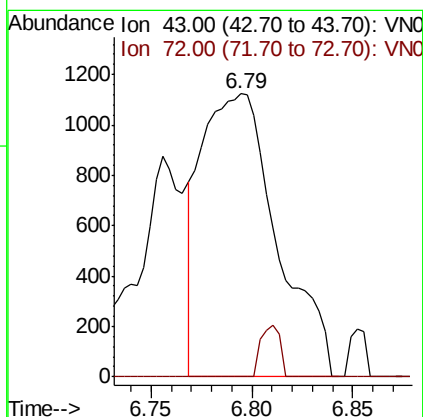
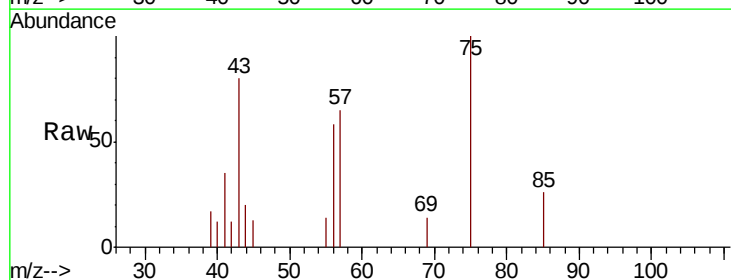
#20
Methvlene Chloride
Concen: 0.297 ug/l
RT: 4.47 min Scan# 850
Delta R.T. -0.03 min
Lab File: VN064940.D
Acq: 7 Dec 2020 13:11

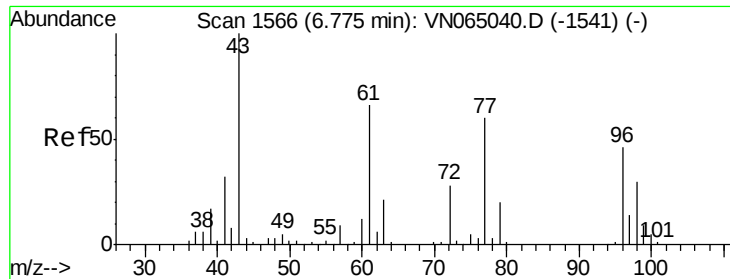
Tot Ion:	84	Resp:	713
Ion	Ratio	Lower	Upper
84	100		
49	0.0	93.4	140.0#
51	67.3	28.2	42.4#
86	156.7	51.7	77.5#



#25
2-Butanone
Concen: 2.354 ug/l
RT: 6.79 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN064940.D
Acq: 7 Dec 2020 13:11

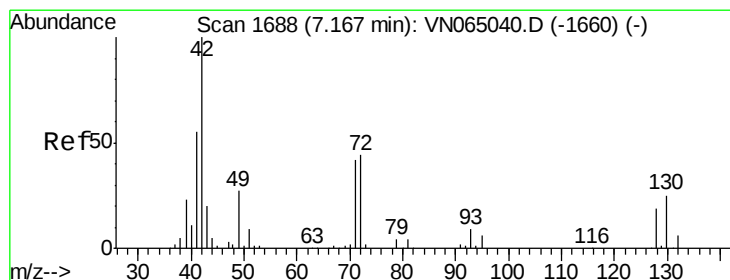
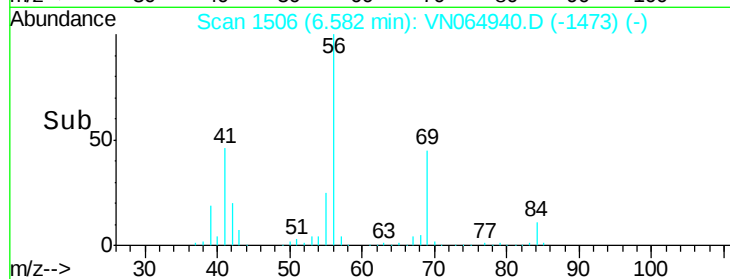
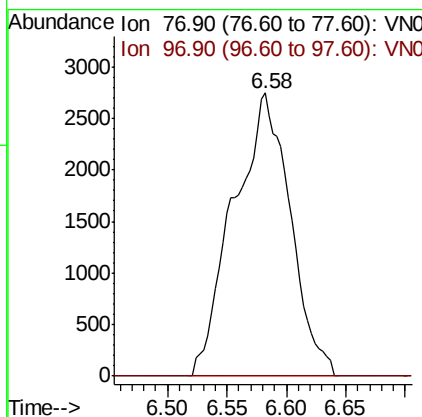
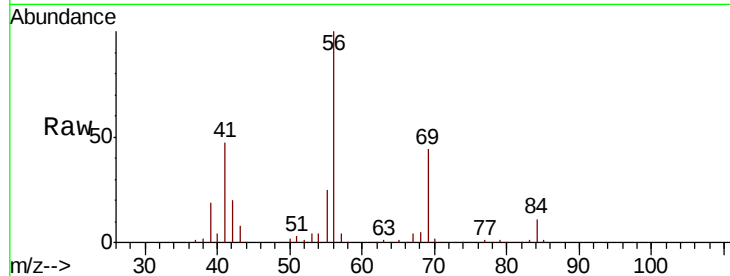
Tgt Ion:	43	Resp:	2927
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.0	31.6#





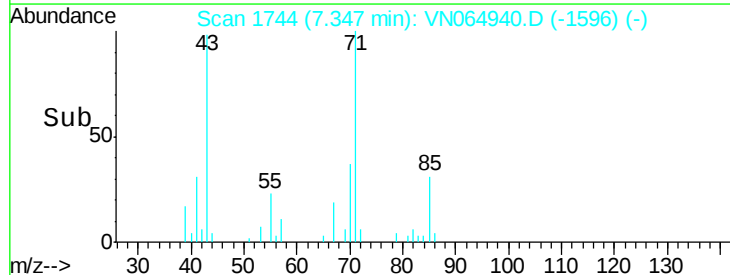
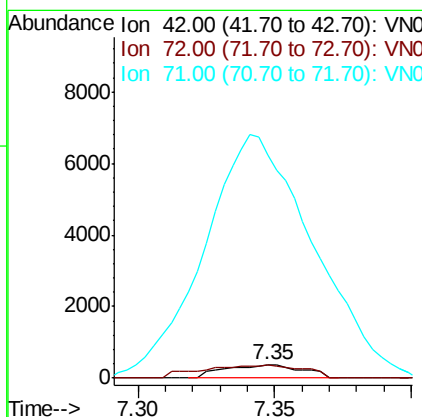
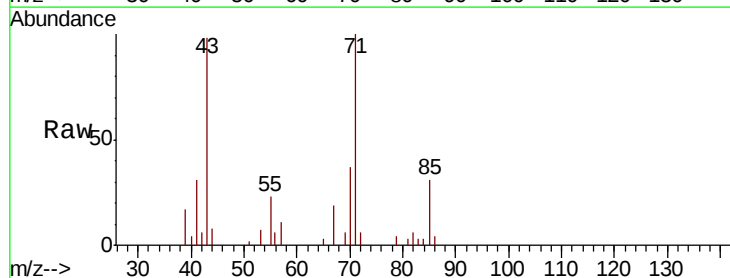
#26
 2,2-Dichloropropane
 Concen: 2.718 ug/l
 RT: 6.58 min Scan# 1506
 Delta R.T. -0.19 min
 Lab File: VN064940.D
 Acq: 7 Dec 2020 13:11

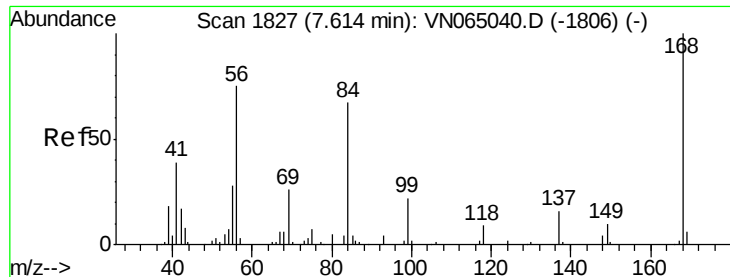
Tot Ion: 77 Resp: 9053
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.7 35.0#



#29
 Tetrahydrofuran
 Concen: 0.852 ug/l
 RT: 7.35 min Scan# 1744
 Delta R.T. 0.18 min
 Lab File: VN064940.D
 Acq: 7 Dec 2020 13:11

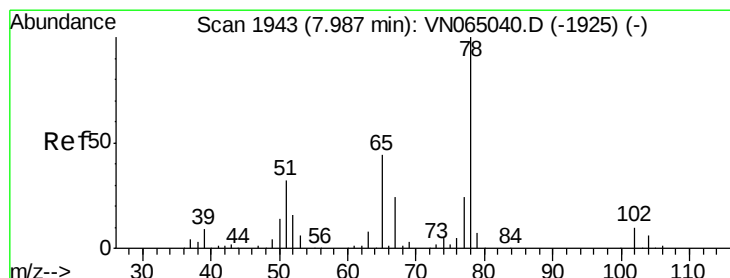
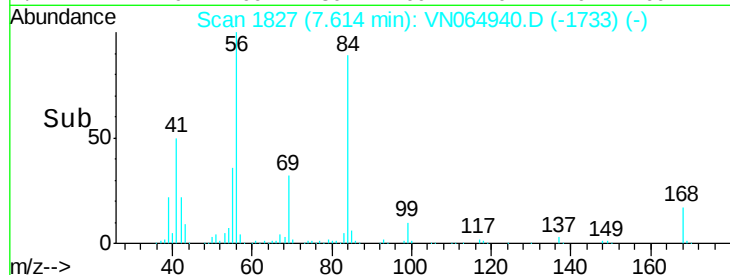
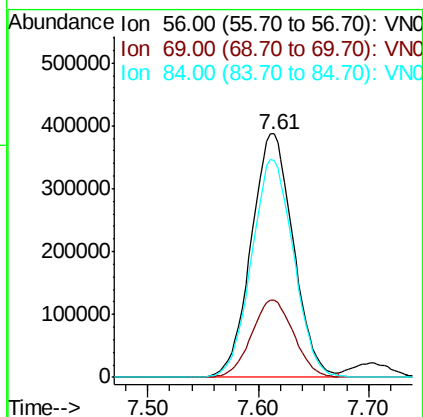
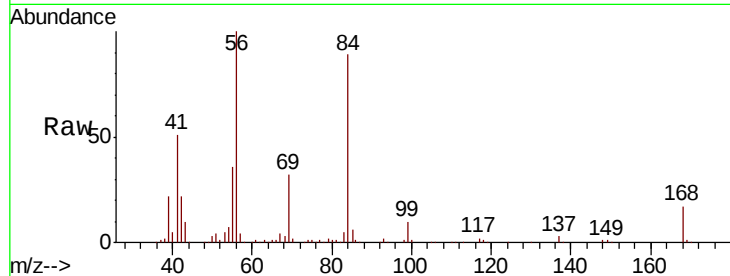
Tgt Ion: 42 Resp: 731
 Ion Ratio Lower Upper
 42 100
 72 129.8 36.6 54.8#
 71 2604.0 33.6 50.4#





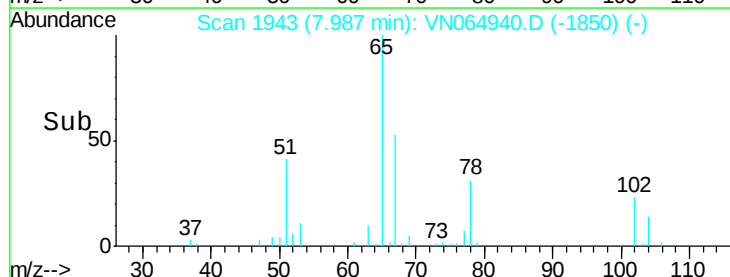
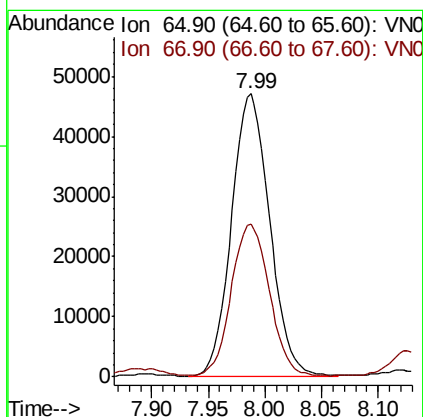
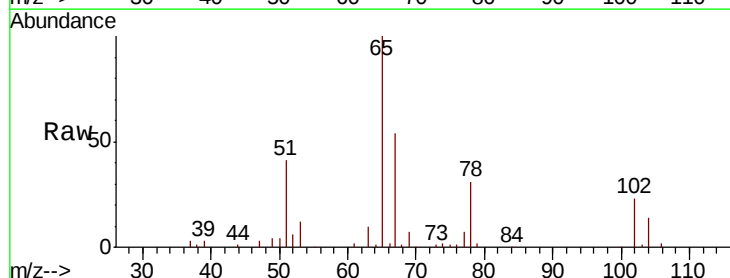
#31
Cyclohexane
Concen: 314.859 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN064940.D
Acq: 7 Dec 2020 13:11

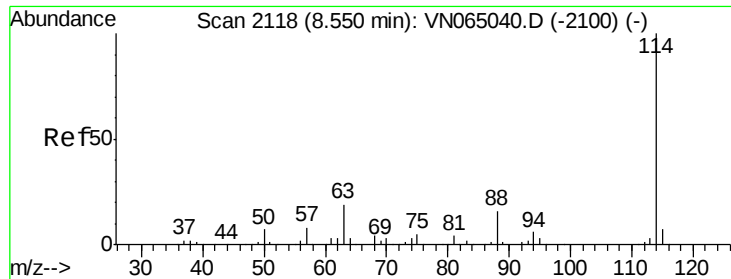
Tot Ion: 56 Resp: 1024085
Ion Ratio Lower Upper
56 100
69 31.9 27.5 41.3
84 89.1 73.9 110.9



#33
1,2-Dichloroethane-d4
Concen: 47.669 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064940.D
Acq: 7 Dec 2020 13:11

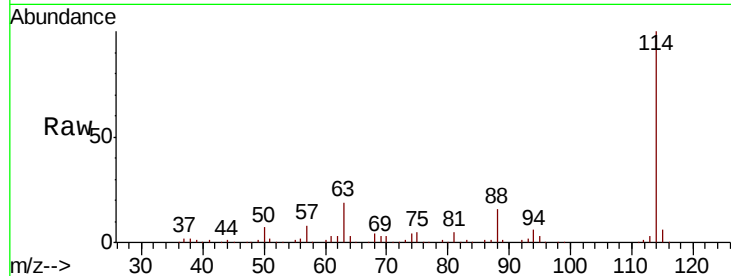
Tgt Ion: 65 Resp: 111243
Ion Ratio Lower Upper
65 100
67 52.9 0.0 108.2





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064940.D
Acq: 7 Dec 2020 13:11

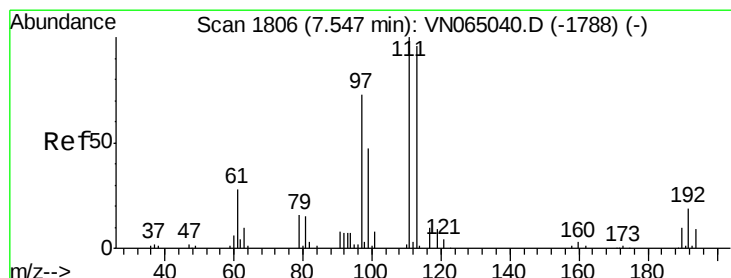
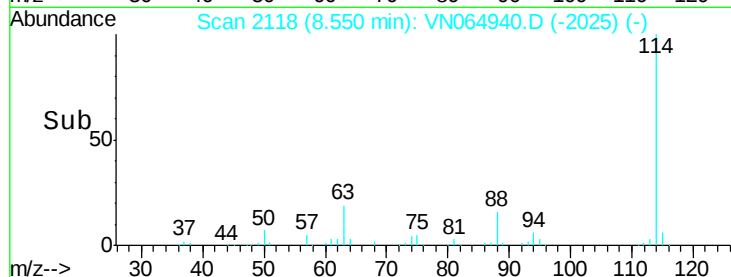
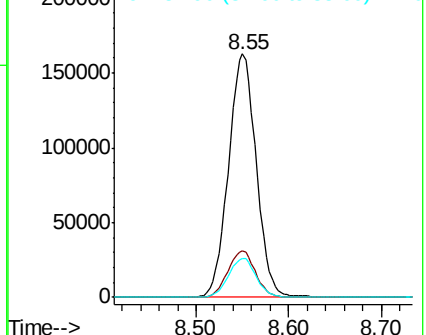
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	38.6
88	16.0	0.0	32.6



Abundance Ion 113.90 (113.60 to 114.60): V

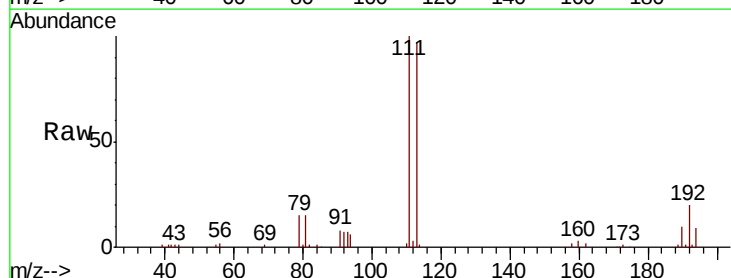
Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35
Dibromofluoromethane
Concen: 51.331 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064940.D
Acq: 7 Dec 2020 13:11

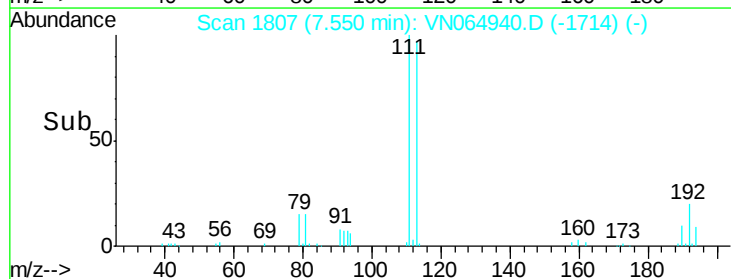
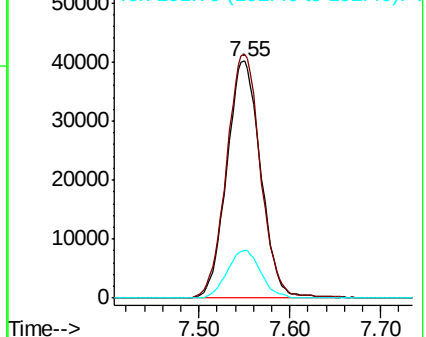
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.6	122.4
192	19.9	16.2	24.2

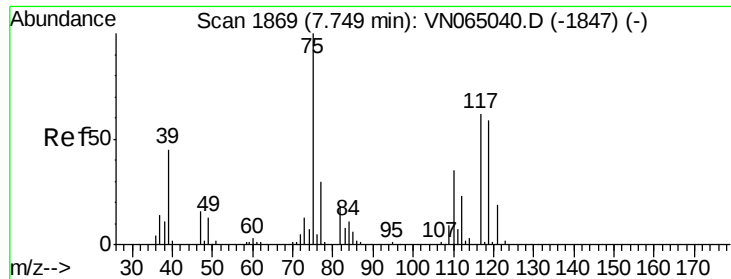


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

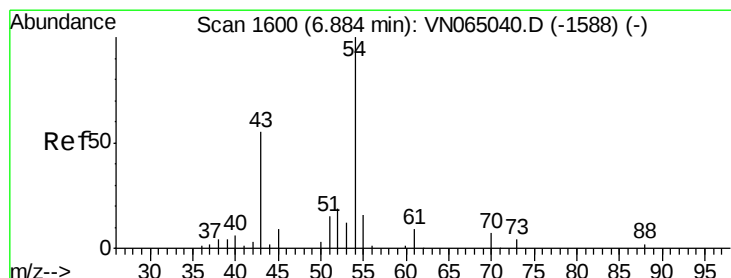
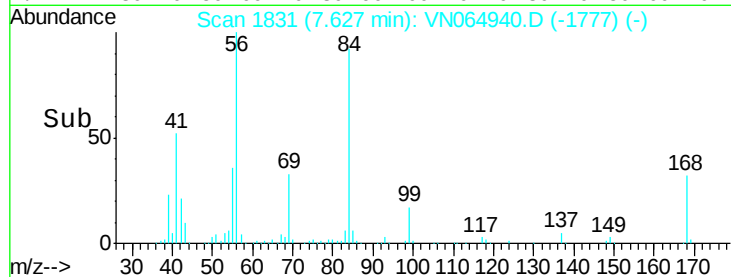
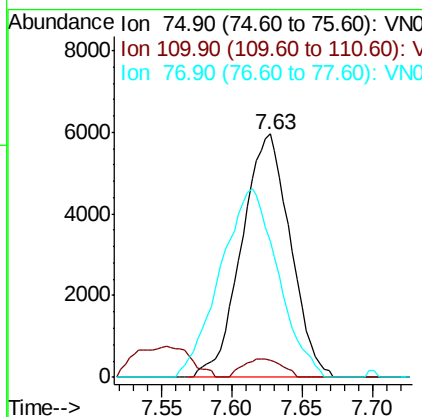
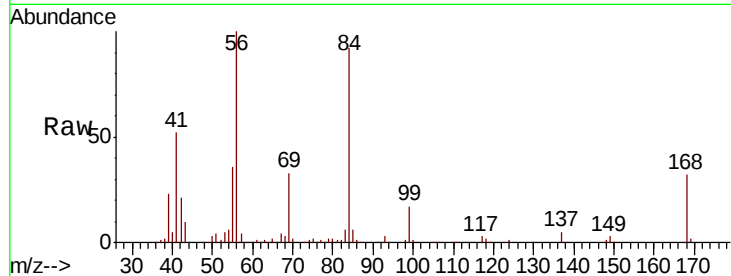
Ion 191.70 (191.40 to 192.40): V





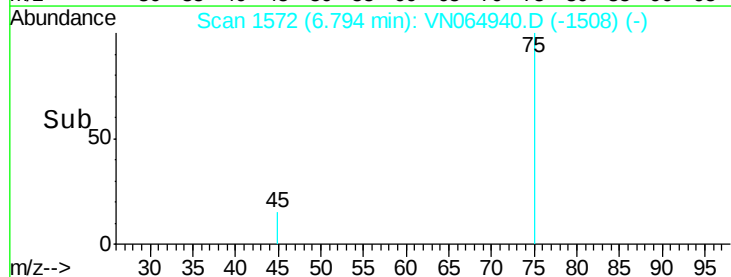
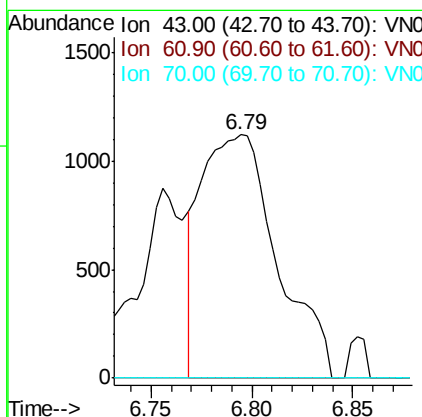
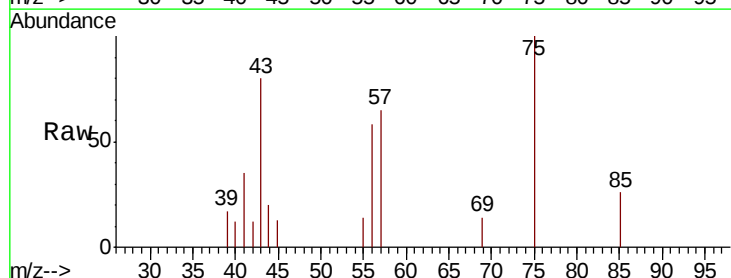
#36
 1,1-Dichloropropene
 Concen: 4.573 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN064940.D
 Acq: 7 Dec 2020 13:11

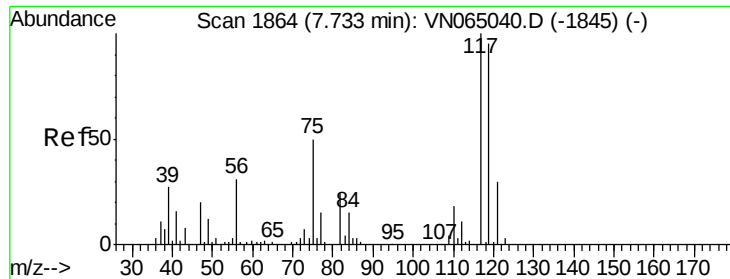
Tot Ion	75	Resp	14324
Ion Ratio	100	Lower	Upper
75	100		
110	6.1	17.8	53.3#
77	91.8	25.0	37.4#



#37
 Ethyl Acetate
 Concen: 0.970 ug/l
 RT: 6.79 min Scan# 1572
 Delta R.T. -0.09 min
 Lab File: VN064940.D
 Acq: 7 Dec 2020 13:11

Tgt Ion	43	Resp	2927
Ion Ratio	100	Lower	Upper
43	100		
61	0.0	12.8	19.2#
70	0.0	8.8	13.2#





#38

Carbon Tetrachloride

Concen: 5.880 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN064940.D

Acq: 7 Dec 2020 13:11

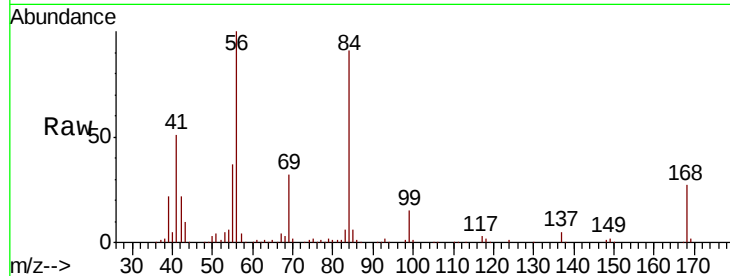
Tot Ion:117 Resp: 19165

Ion Ratio Lower Upper

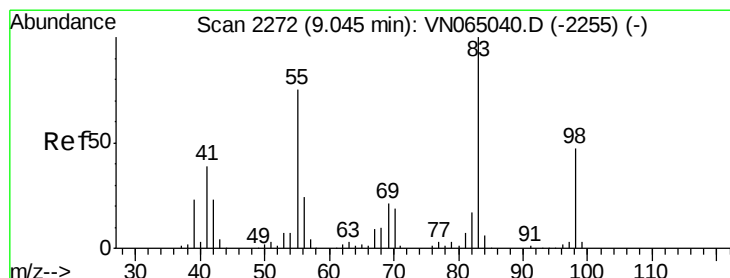
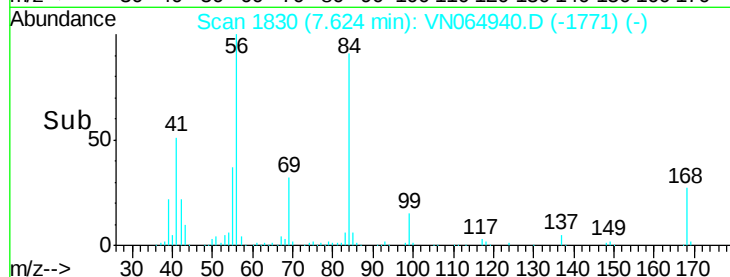
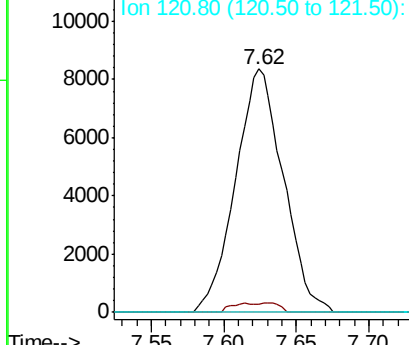
117 100

119 3.3 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

Methylcyclohexane

Concen: 331.217 ug/l

RT: 9.05 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VN064940.D

Acq: 7 Dec 2020 13:11

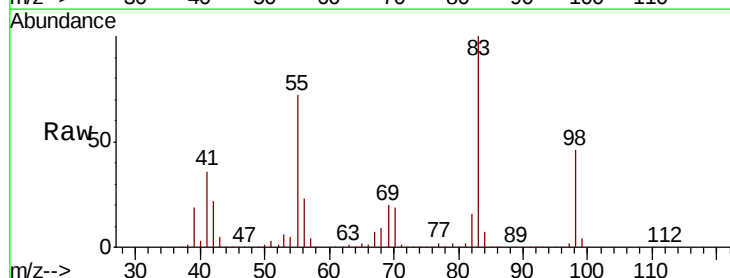
Tgt Ion: 83 Resp: 1116960

Ion Ratio Lower Upper

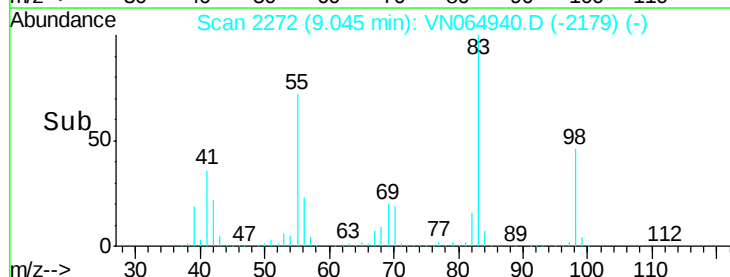
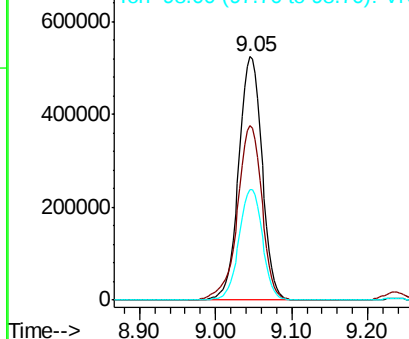
83 100

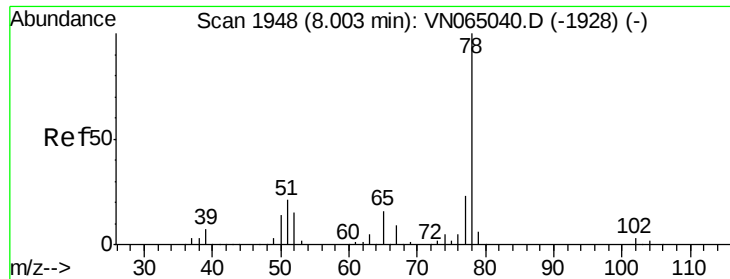
55 71.8 60.2 90.2

98 45.6 37.4 56.2



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





#40

Benzene

Concen: 5.331 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN064940.D

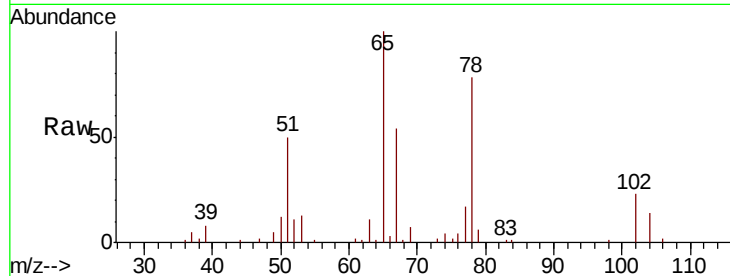
Acq: 7 Dec 2020 13:11

Tot Ion: 78 Resp: 51174

Ion Ratio Lower Upper

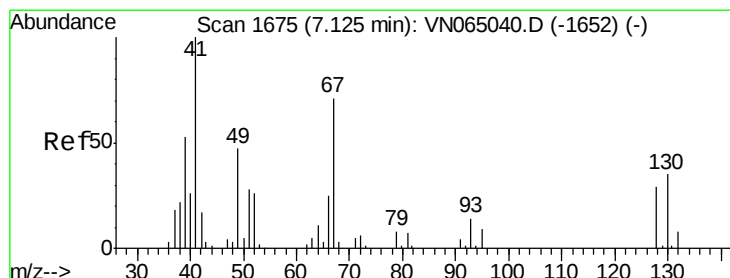
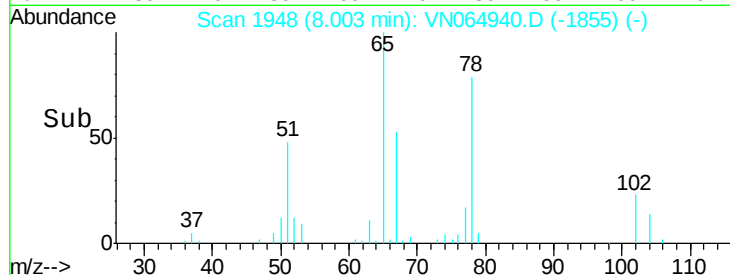
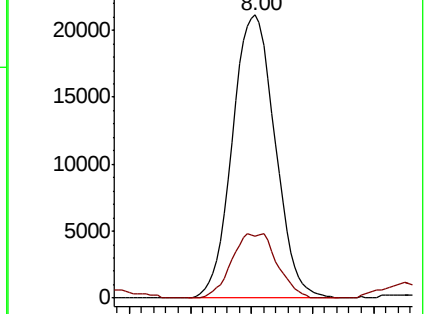
78 100

77 21.8 17.9 26.9



Abundance Ion 78.00 (77.70 to 78.70): VN065040.D (-1928) (-)

Ion 77.00 (76.70 to 77.70): VN065040.D (-1928) (-)



#41

Methacrylonitrile

Concen: 4.496 ug/l

RT: 7.35 min Scan# 1745

Delta R.T. 0.22 min

Lab File: VN064940.D

Acq: 7 Dec 2020 13:11

Tgt Ion: 41 Resp: 6260

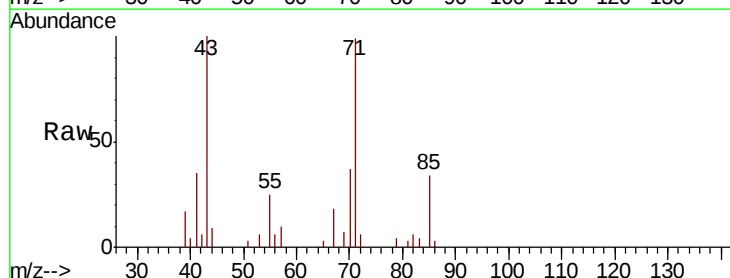
Ion Ratio Lower Upper

41 100

39 49.0 51.0 76.6#

67 47.2 79.8 119.8#

52 0.0 31.5 47.3#

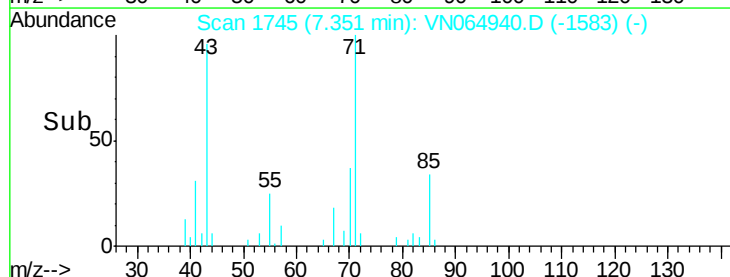
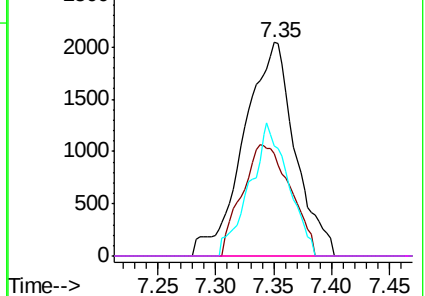


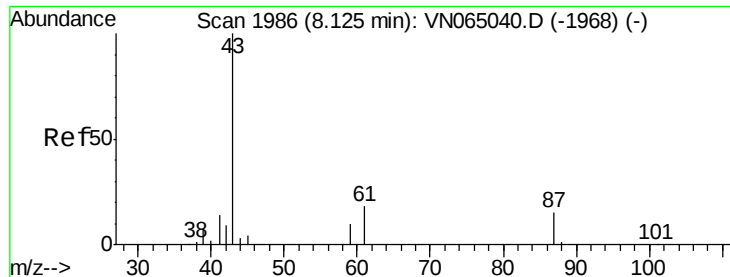
Abundance Ion 41.00 (40.70 to 41.70): VN065040.D (-1652) (-)

Ion 39.00 (38.70 to 39.70): VN065040.D (-1652) (-)

Ion 67.00 (66.70 to 67.70): VN065040.D (-1652) (-)

Ion 52.00 (51.70 to 52.70): VN065040.D (-1652) (-)





#43

Isopropyl Acetate

Concen: 6.032 ug/l

RT: 8.11 min Scan# 1981

Delta R.T. -0.02 min

Lab File: VN064940.D

Acq: 7 Dec 2020 13:11

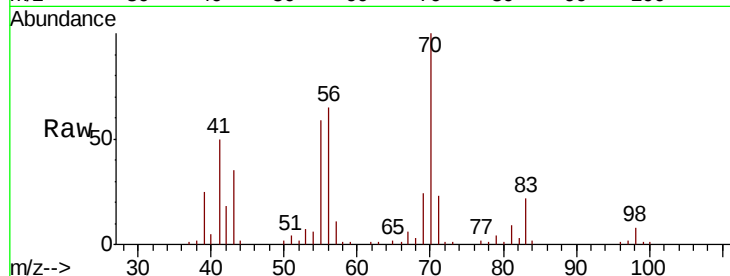
Tot Ion: 43 Resp: 29290

Ion Ratio Lower Upper

43 100

61 0.0 17.2 25.8#

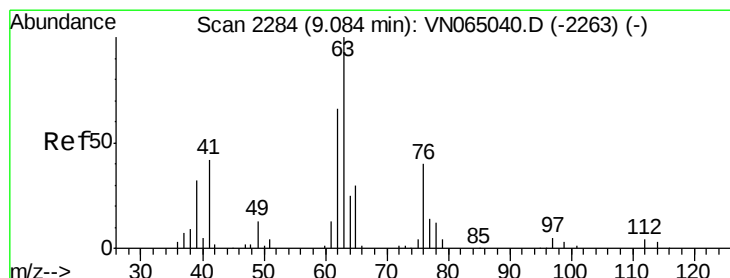
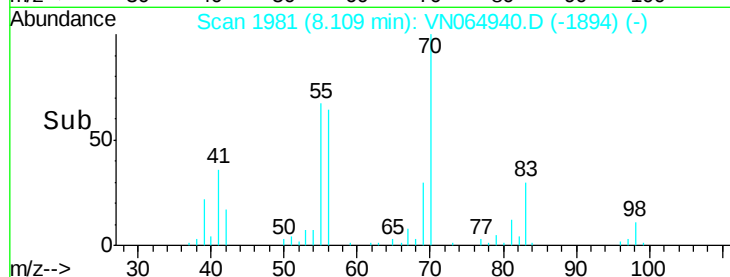
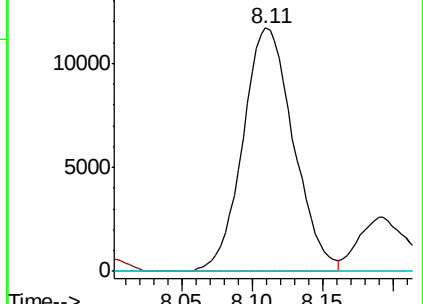
87 0.0 11.4 17.0#



Abundance Ion 43.00 (42.70 to 43.70): VN065040.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN065040.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN065040.D (-1968) (-)



#45

1,2-Dichloropropane

Concen: 3.687 ug/l

RT: 9.05 min Scan# 2273

Delta R.T. -0.04 min

Lab File: VN064940.D

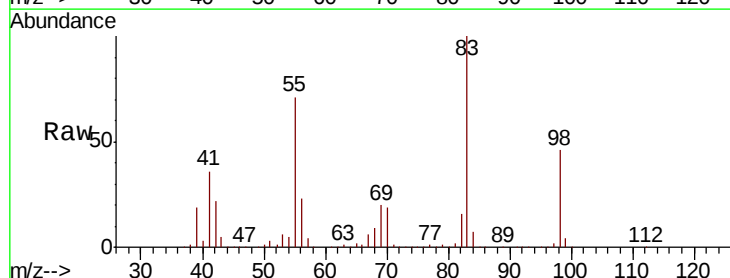
Acq: 7 Dec 2020 13:11

Tgt Ion: 63 Resp: 9166

Ion Ratio Lower Upper

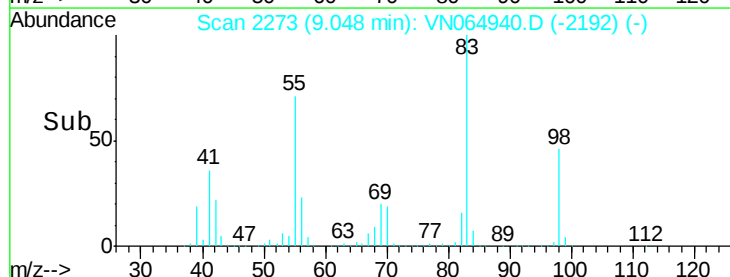
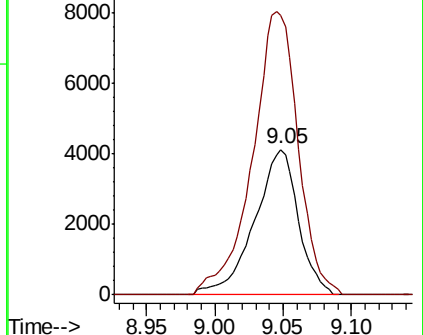
63 100

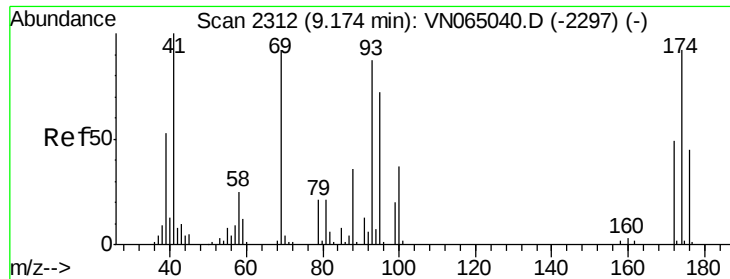
65 192.7 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VN065040.D (-2263) (-)

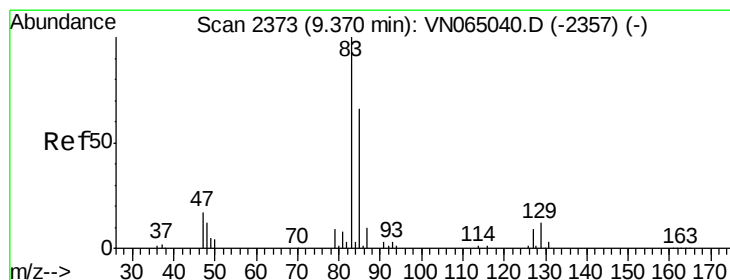
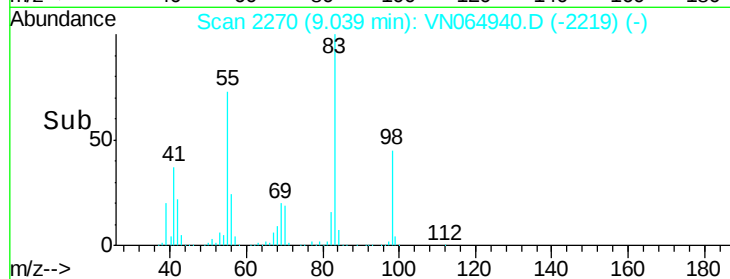
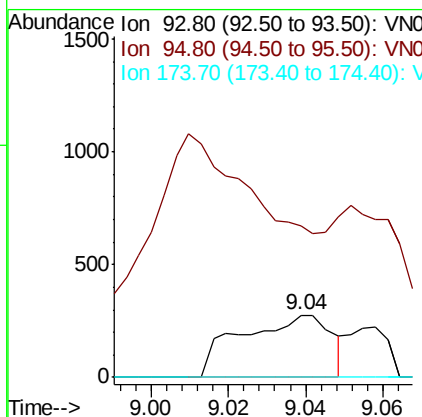
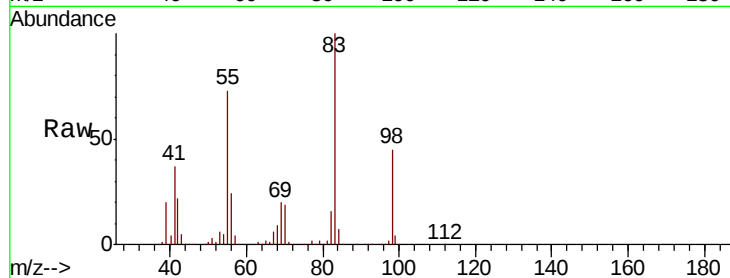
Ion 64.90 (64.60 to 65.60): VN065040.D (-2263) (-)





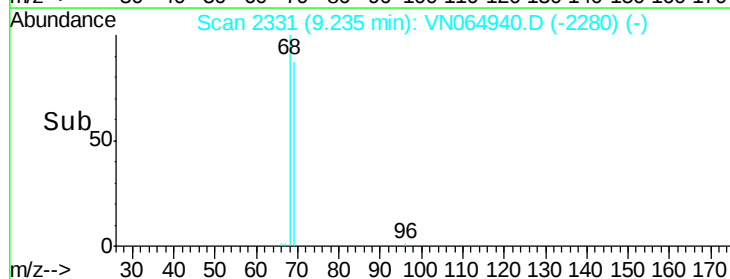
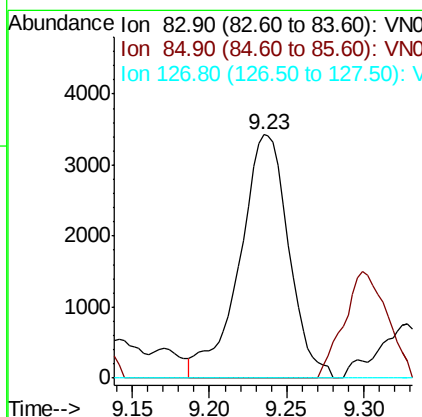
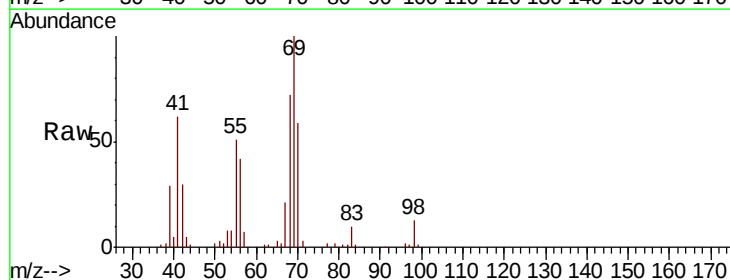
#46
 Dibromomethane
 Concen: 0.270 ug/l
 RT: 9.04 min Scan# 2270
 Delta R.T. -0.14 min
 Lab File: VN064940.D
 Acq: 7 Dec 2020 13:11

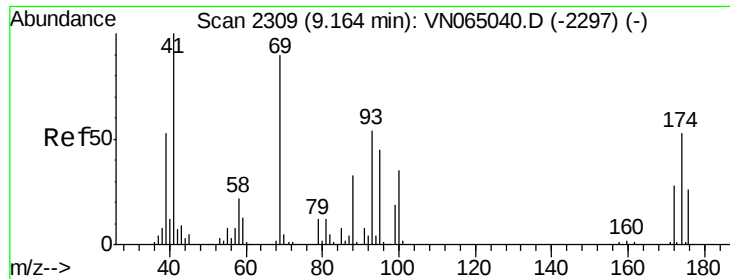
Tot Ion: 93 Resp: 449
 Ion Ratio Lower Upper
 93 100
 95 0.0 68.8 103.2#
 174 0.0 83.1 124.7#



#47
 Bromodichloromethane
 Concen: 2.264 ug/l
 RT: 9.23 min Scan# 2331
 Delta R.T. -0.14 min
 Lab File: VN064940.D
 Acq: 7 Dec 2020 13:11

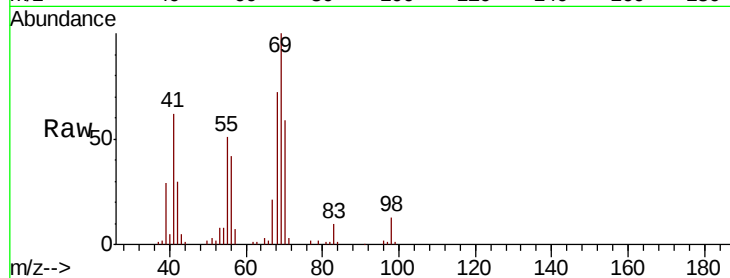
Tgt Ion: 83 Resp: 7567
 Ion Ratio Lower Upper
 83 100
 85 0.0 51.8 77.8#
 127 0.0 6.8 10.2#



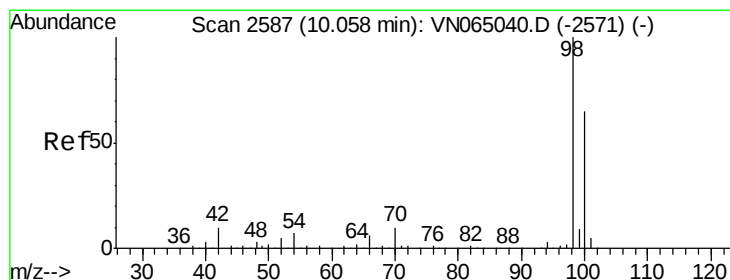
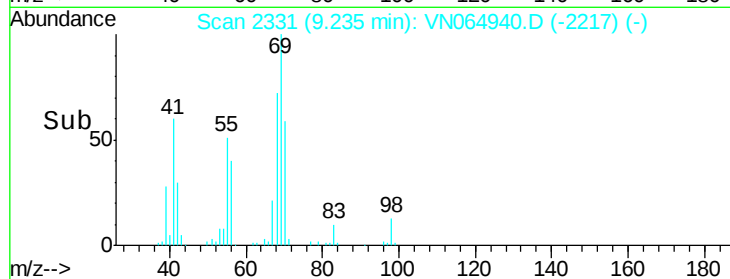
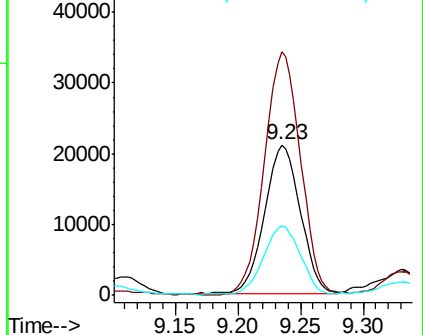


#48
Methvl methacrvlate
Concen: 17.978 ug/l
RT: 9.23 min Scan# 2331
Delta R.T. 0.07 min
Lab File: VN064940.D
Acq: 7 Dec 2020 13:11

Tot Ion: 41 Resp: 41712
Ion Ratio Lower Upper
41 100
69 166.3 71.8 107.8#
39 46.8 44.1 66.1

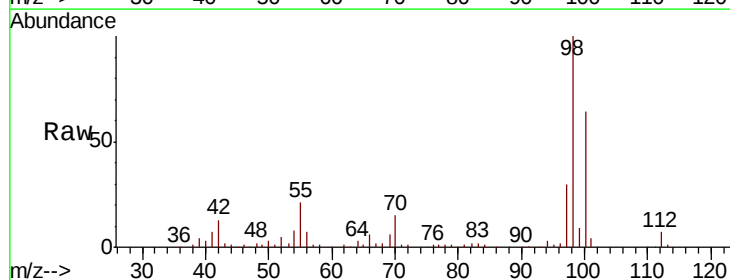


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

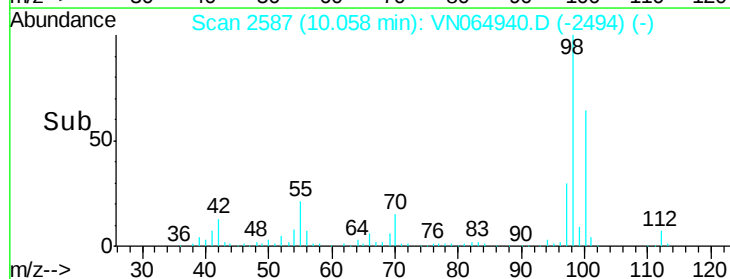
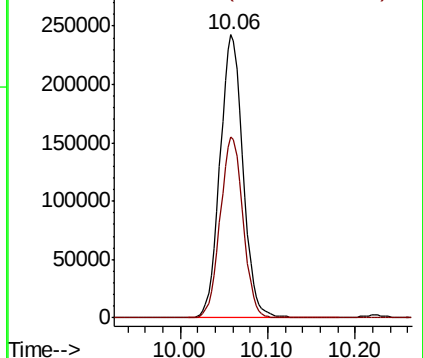


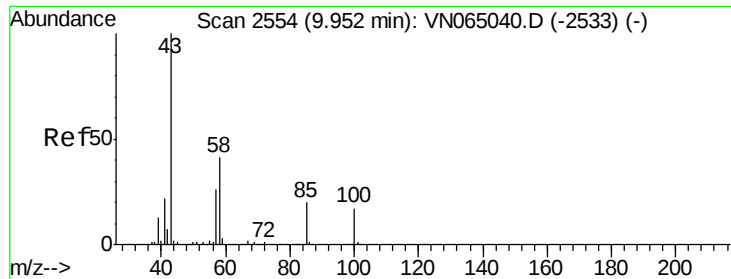
#50
Toluene-d8
Concen: 53.522 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064940.D
Acq: 7 Dec 2020 13:11

Tgt Ion: 98 Resp: 442250
Ion Ratio Lower Upper
98 100
100 63.2 51.7 77.5



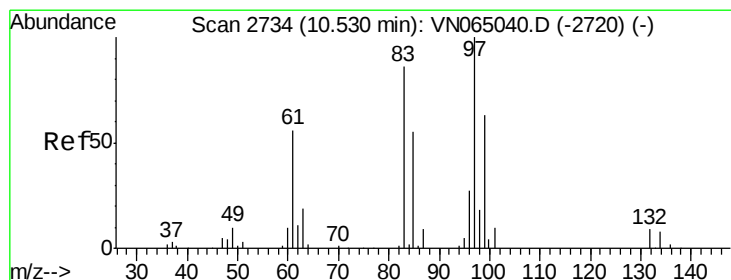
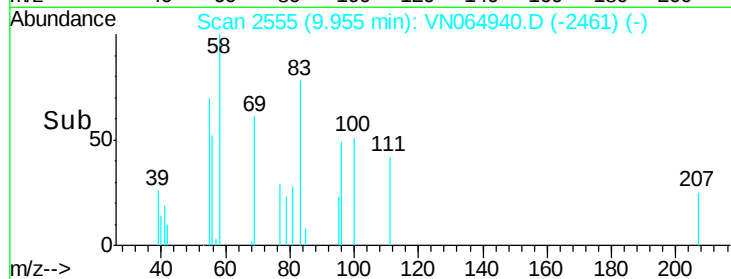
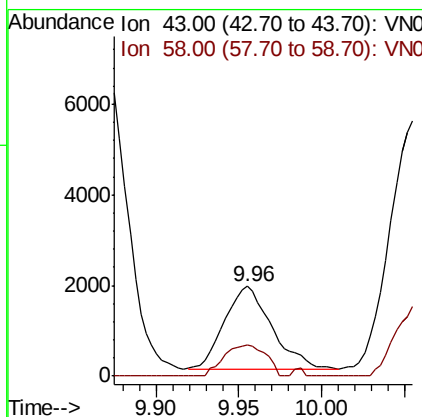
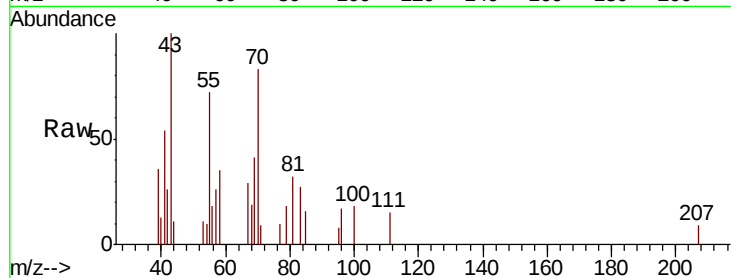
Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





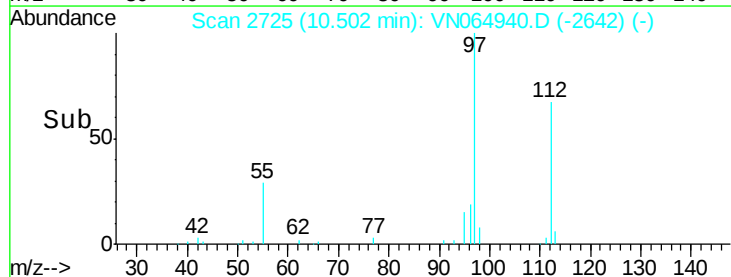
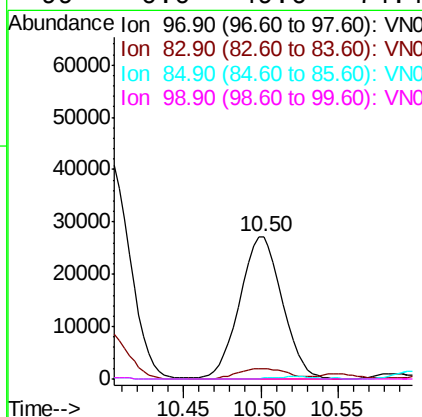
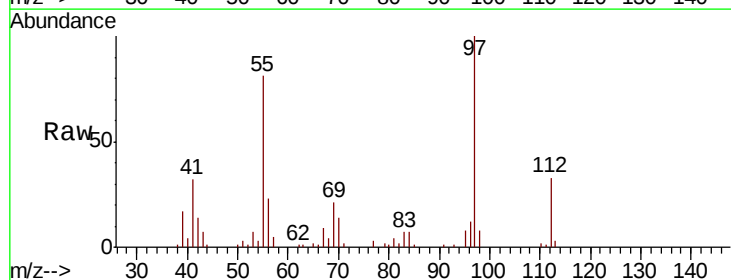
#51
 4-Methyl-2-Pentanone
 Concen: 1.253 ug/l
 RT: 9.96 min Scan# 2555
 Delta R.T. 0.00 min
 Lab File: VN064940.D
 Acq: 7 Dec 2020 13:11

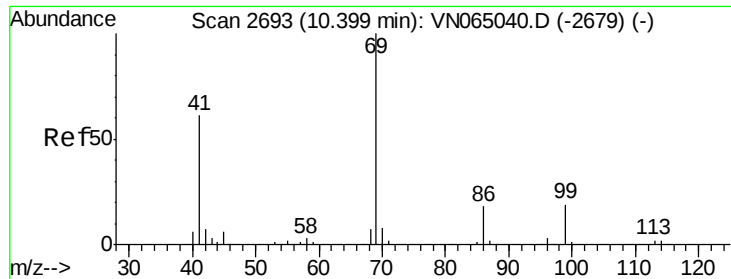
Tot Ion: 43 Resp: 3653
 Ion Ratio Lower Upper
 43 100
 58 33.1 32.4 48.6



#55
 1,1,2-Trichloroethane
 Concen: 21.461 ug/l
 RT: 10.50 min Scan# 2725
 Delta R.T. -0.03 min
 Lab File: VN064940.D
 Acq: 7 Dec 2020 13:11

Tgt Ion: 97 Resp: 52172
 Ion Ratio Lower Upper
 97 100
 83 7.3 72.1 108.1#
 85 0.7 46.8 70.2#
 99 0.0 49.6 74.4#





#56

Ethyl methacrylate

Concen: 8.252 ug/l

RT: 10.40 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VN064940.D

Acq: 7 Dec 2020 13:11

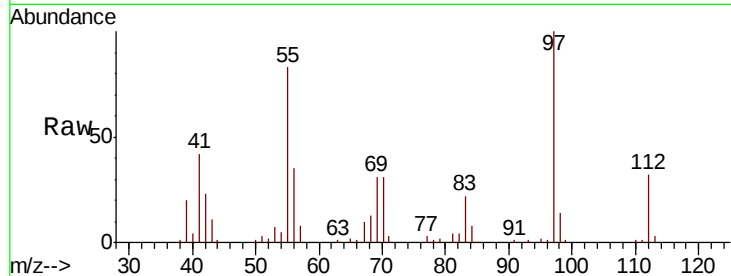
Tot Ion: 69 Resp: 27683

Ion Ratio Lower Upper

69 100

41 123.1 49.4 74.0#

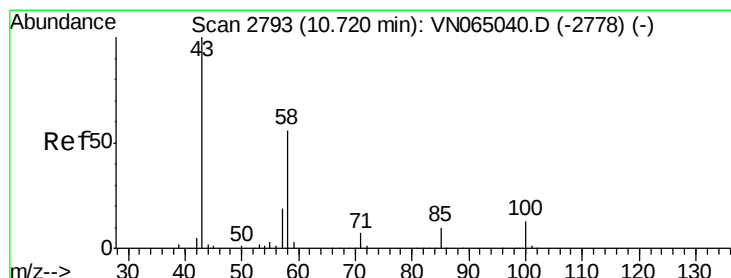
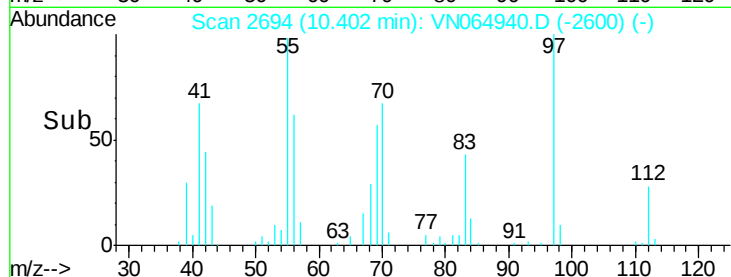
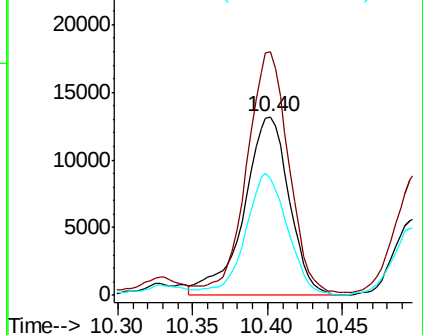
39 63.7 25.9 38.9#



Abundance Ion 69.00 (68.70 to 69.70): VN064940.D (-2600) (-)

Ion 41.00 (40.70 to 41.70): VN064940.D (-2600) (-)

Ion 39.00 (38.70 to 39.70): VN064940.D (-2600) (-)



#59

2-Hexanone

Concen: 1.719 ug/l

RT: 10.85 min Scan# 2834

Delta R.T. 0.13 min

Lab File: VN064940.D

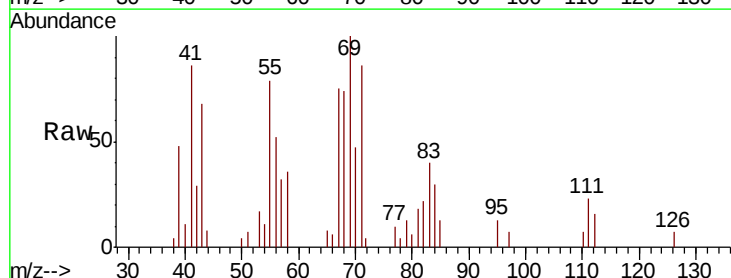
Acq: 7 Dec 2020 13:11

Tgt Ion: 43 Resp: 3607

Ion Ratio Lower Upper

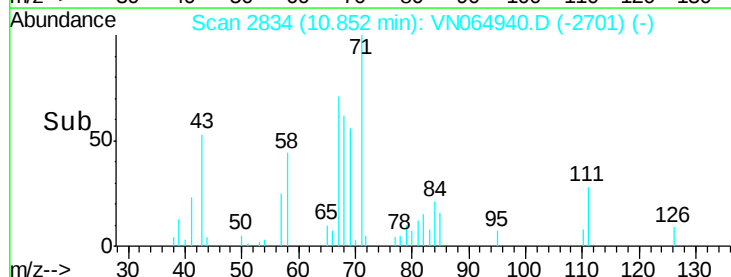
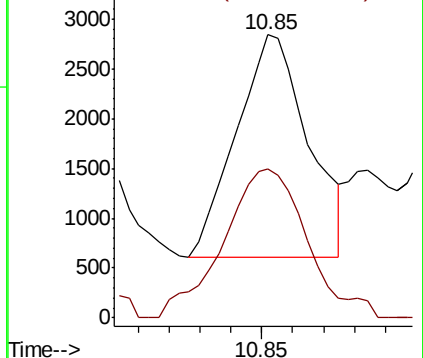
43 100

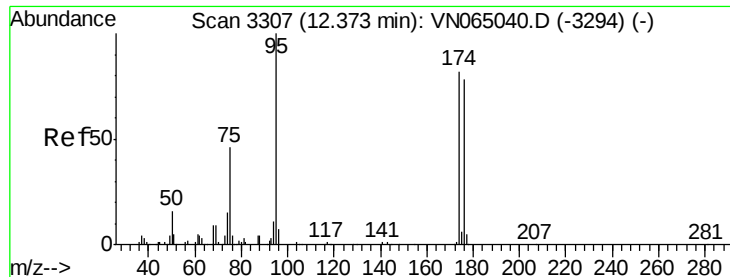
58 77.8 28.3 84.9



Abundance Ion 43.00 (42.70 to 43.70): VN064940.D (-2701) (-)

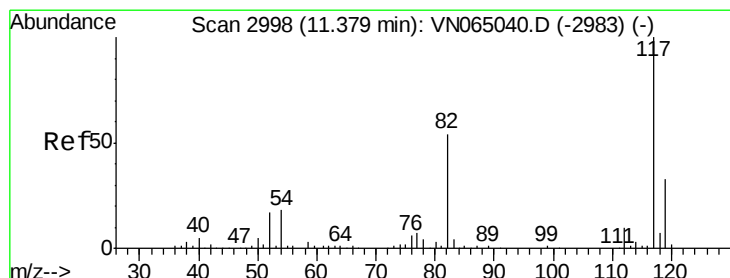
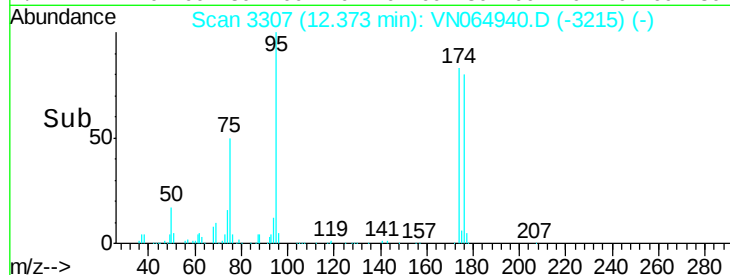
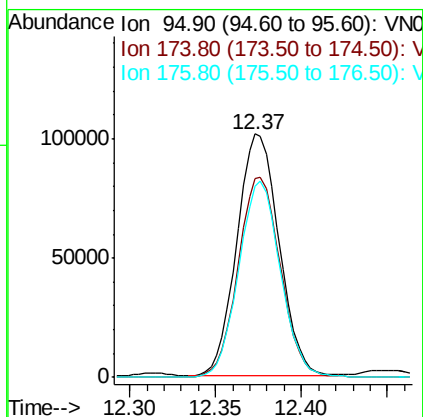
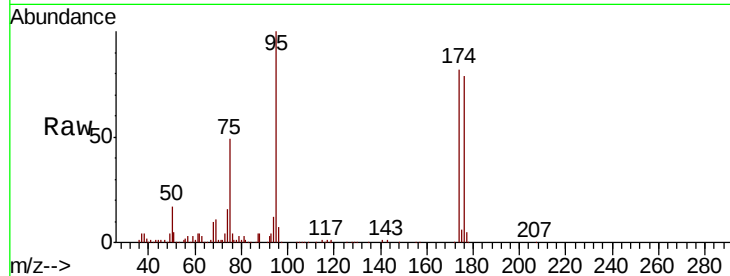
Ion 58.00 (57.70 to 58.70): VN064940.D (-2701) (-)





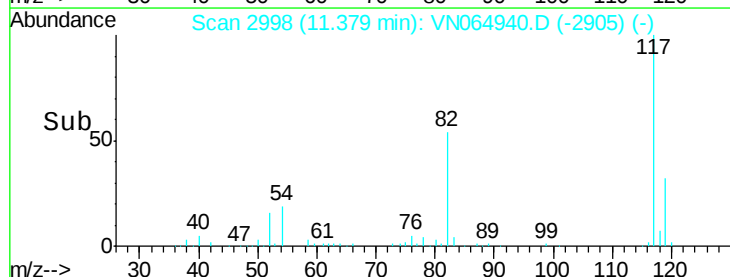
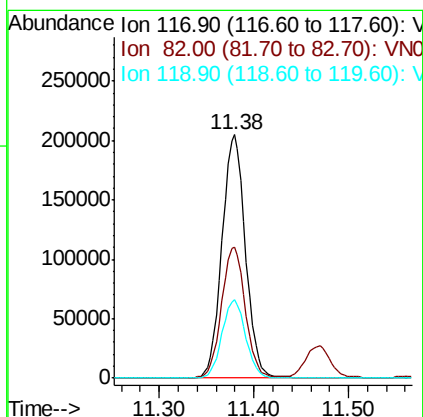
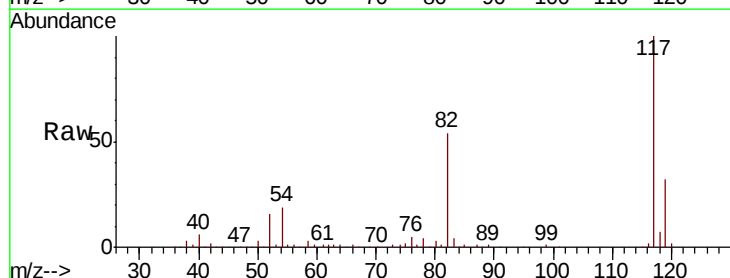
#62
4-Bromofluorobenzene
Concen: 58.576 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN064940.D
Acq: 7 Dec 2020 13:11

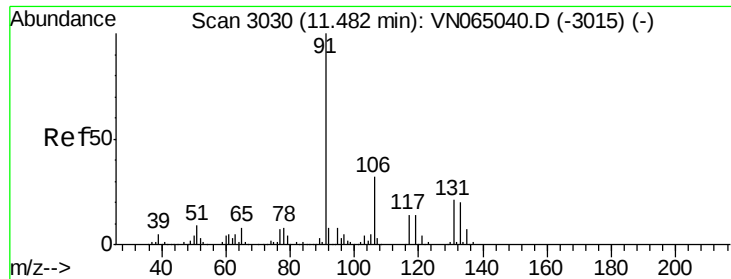
Tot Ion	Ratio	Lower	Upper
95	100		
174	83.1	0.0	160.4
176	80.1	0.0	158.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064940.D
Acq: 7 Dec 2020 13:11

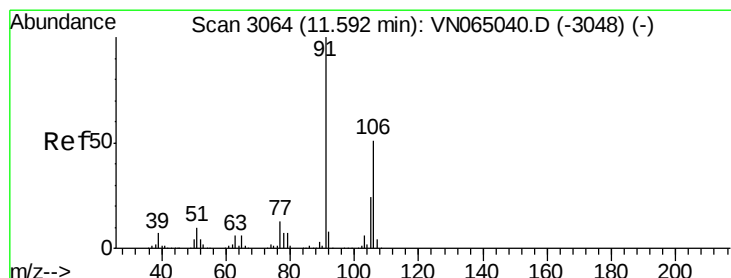
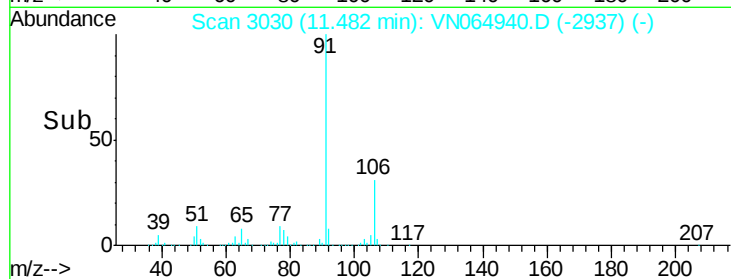
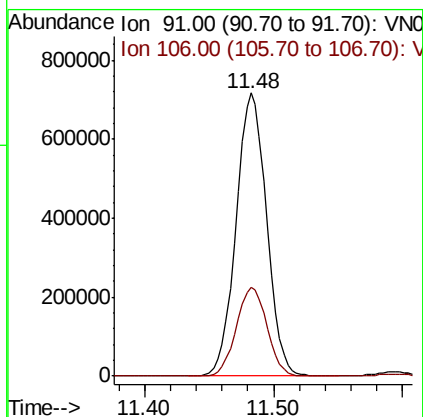
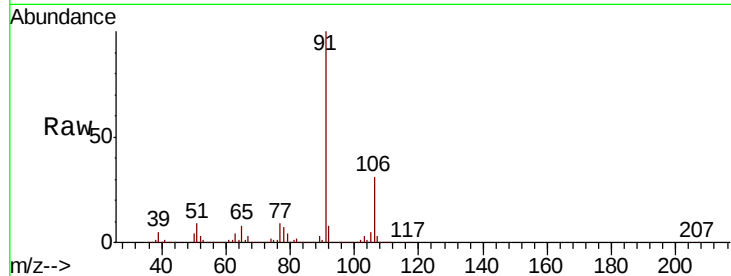
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.5	44.2	66.2
119	32.1	25.8	38.6





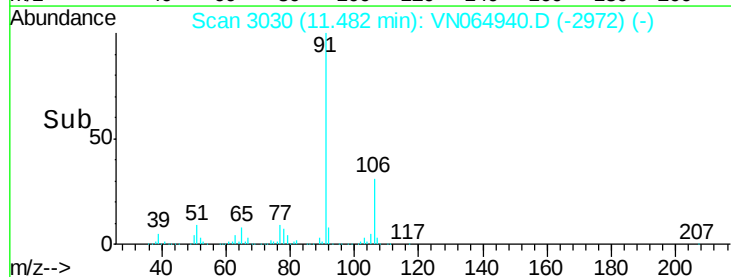
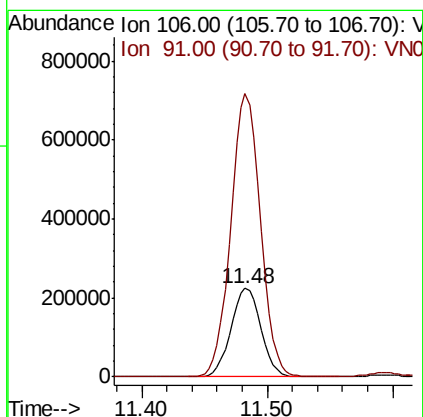
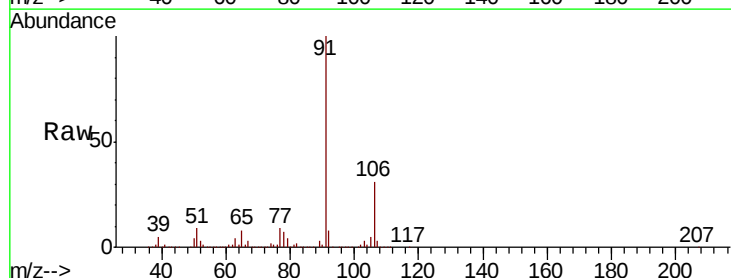
#67
Ethyl Benzene
Concen: 92.858 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064940.D
Acq: 7 Dec 2020 13:11

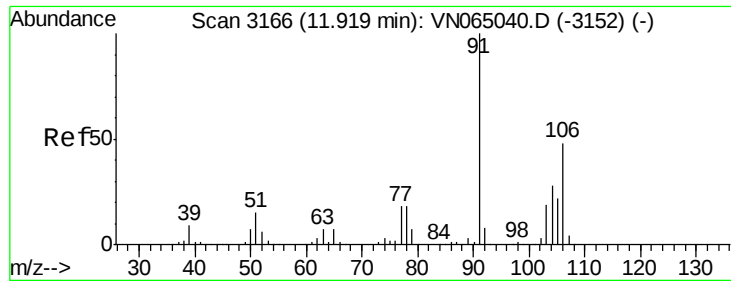
Tot Ion: 91 Resp: 1177356
Ion Ratio Lower Upper
91 100
106 31.4 25.2 37.8



#68
m/p-Xylenes
Concen: 77.627 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.11 min
Lab File: VN064940.D
Acq: 7 Dec 2020 13:11

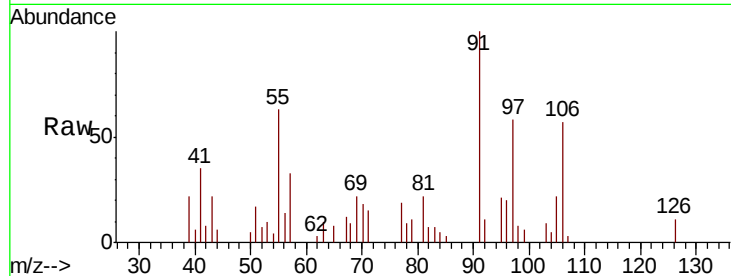
Tgt Ion: 106 Resp: 372641
Ion Ratio Lower Upper
106 100
91 315.9 161.0 241.4#



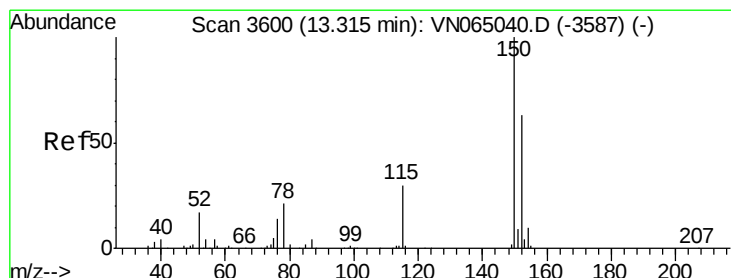
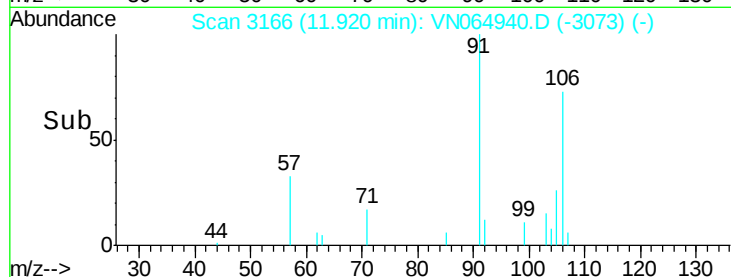
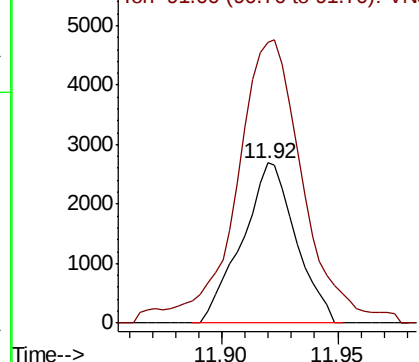


#69
o-Xylene
Concen: 0.950 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064940.D
Acq: 7 Dec 2020 13:11

Tot Ion:106 Resp: 4328
Ion Ratio Lower Upper
106 100
91 220.5 105.5 316.5

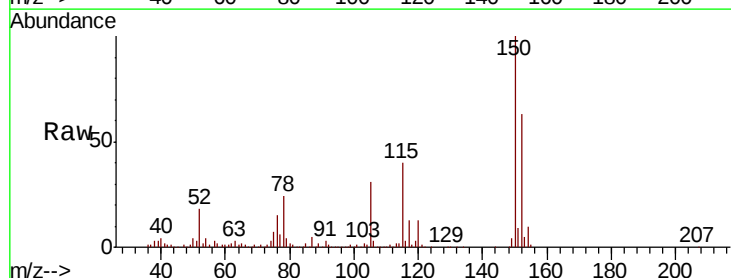


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

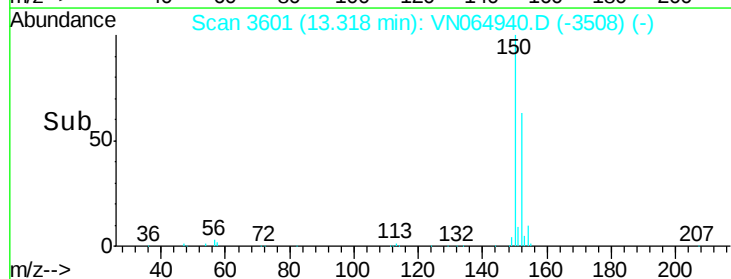
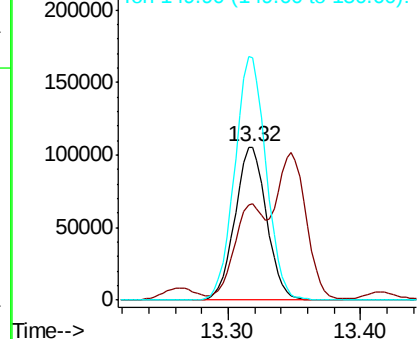


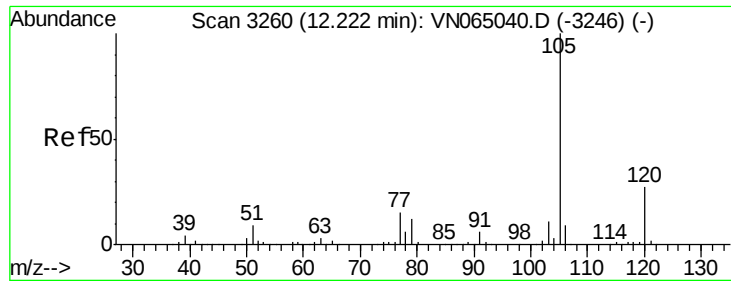
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064940.D
Acq: 7 Dec 2020 13:11

Tgt Ion:152 Resp: 174273
Ion Ratio Lower Upper
152 100
115 54.7 29.7 89.1
150 158.5 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: 54.656 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064940.D

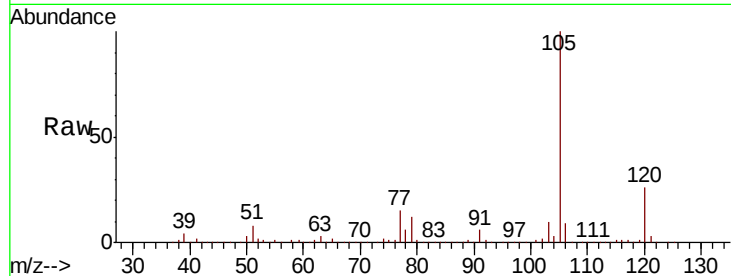
Acq: 7 Dec 2020 13:11

Tot Ion:105 Resp: 662541

Ion Ratio Lower Upper

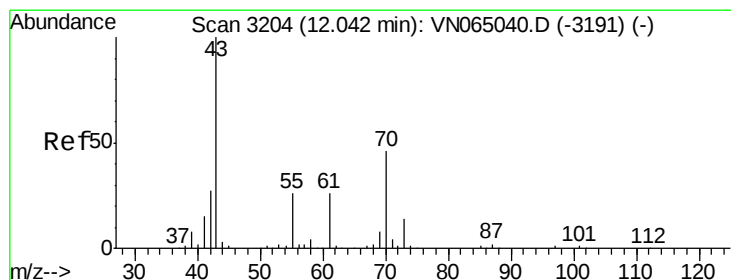
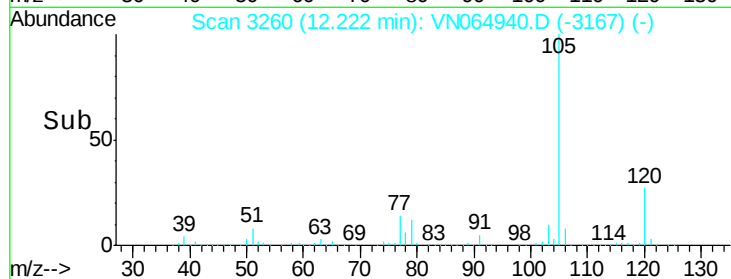
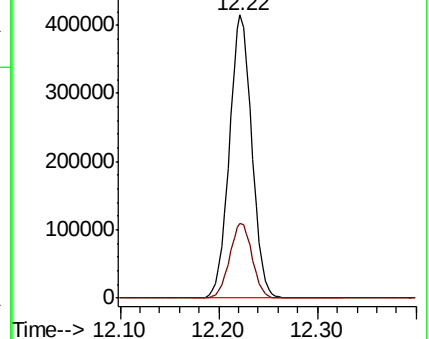
105 100

120 26.6 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.936 ug/l

RT: 12.02 min Scan# 3196

Delta R.T. -0.03 min

Lab File: VN064940.D

Acq: 7 Dec 2020 13:11

Tgt Ion: 43 Resp: 4463

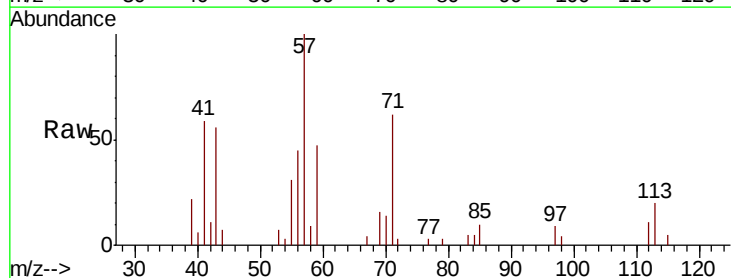
Ion Ratio Lower Upper

43 100

70 0.0 34.5 51.7#

55 0.0 20.4 30.6#

61 0.0 20.0 30.0#

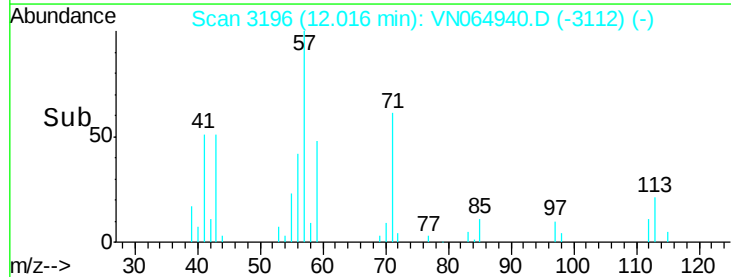
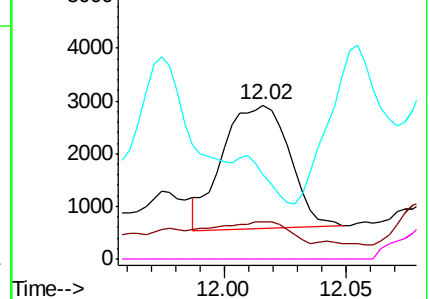


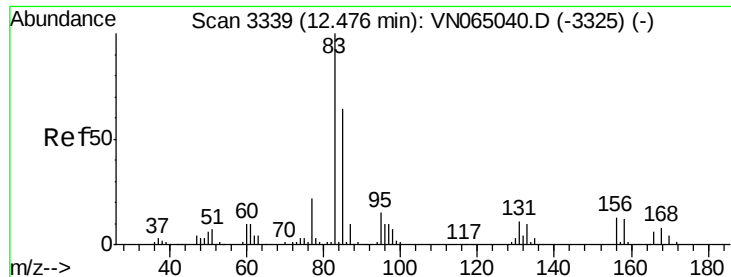
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 0.291 ug/l

RT: 12.45 min Scan# 3331

Delta R.T. -0.03 min

Lab File: VN064940.D

Acq: 7 Dec 2020 13:11

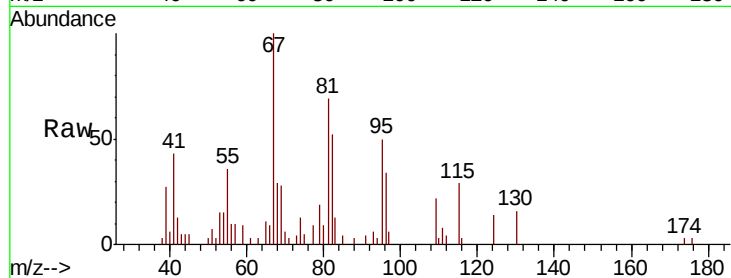
Tot Ion: 83 Resp: 1033

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

85 10.6 33.0 99.0#

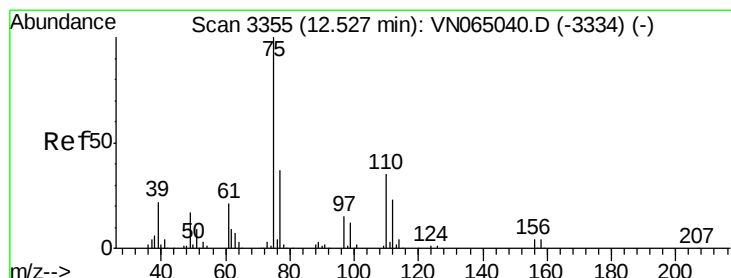
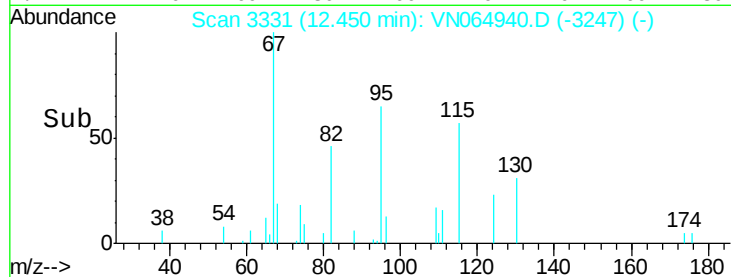
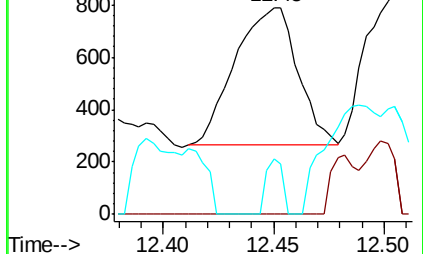


Abundance Ion 82.90 (82.60 to 83.60): VN065040.D (-3339) (-)

Ion 130.80 (130.50 to 131.50): VN065040.D (-3339) (-)

Ion 84.90 (84.60 to 85.60): VN065040.D (-3339) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 1.322 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. 0.04 min

Lab File: VN064940.D

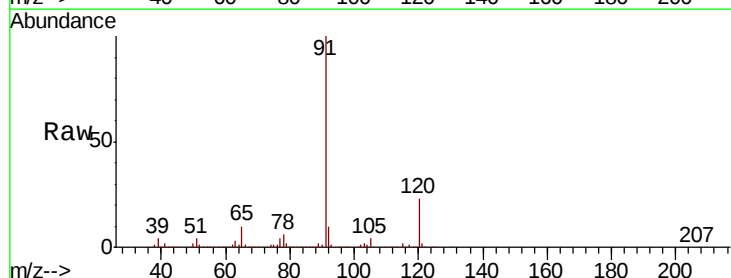
Acq: 7 Dec 2020 13:11

Tgt Ion: 75 Resp: 4963

Ion Ratio Lower Upper

75 100

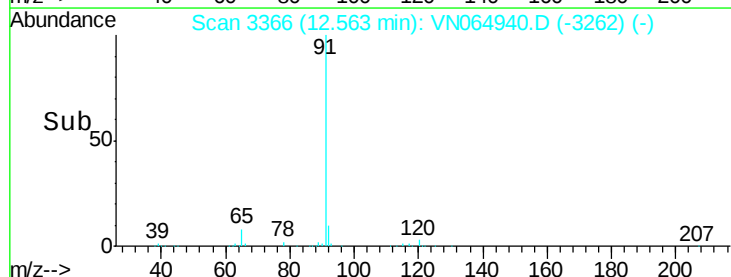
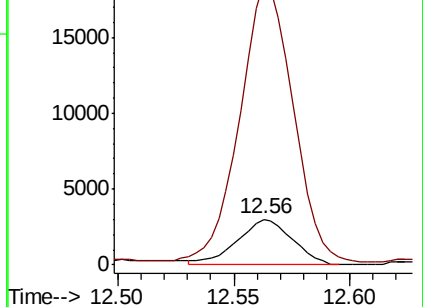
77 591.3 0.0 0.0#

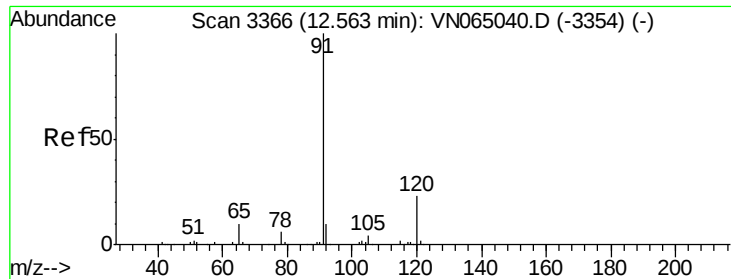


Abundance Ion 74.90 (74.60 to 75.60): VN065040.D (-3355) (-)

Ion 77.00 (76.70 to 77.70): VN065040.D (-3355) (-)

Time-->





#78

n-propylbenzene

Concen: 54.820 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064940.D

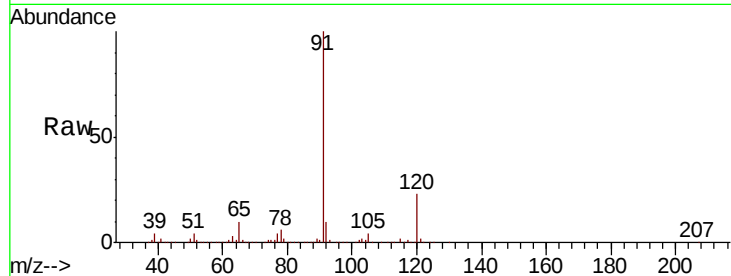
Acq: 7 Dec 2020 13:11

Tot Ion: 91 Resp: 757021

Ion Ratio Lower Upper

91 100

120 23.4 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) (-)

12.56

500000

400000

300000

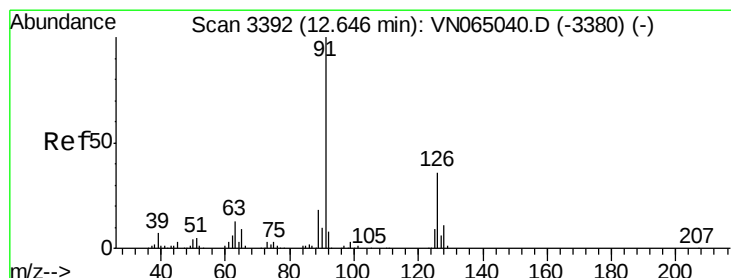
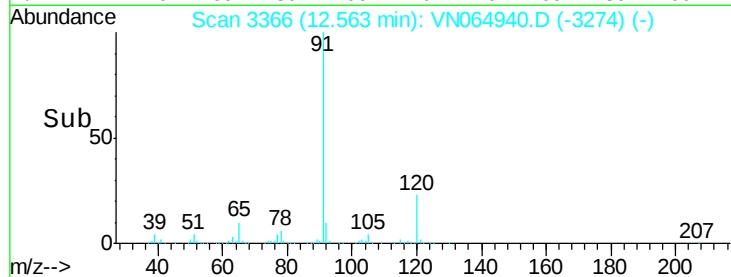
200000

100000

0

Time-->

12.50 12.55 12.60 12.65



#79

2-Chlorotoluene

Concen: 9.860 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.06 min

Lab File: VN064940.D

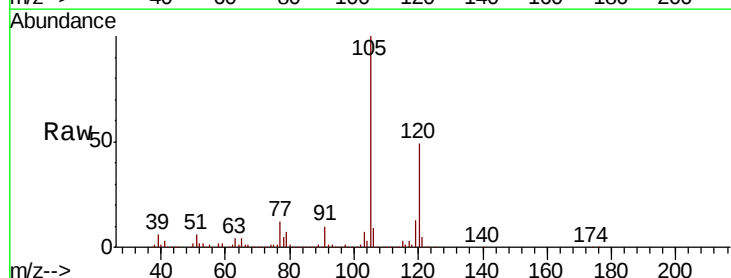
Acq: 7 Dec 2020 13:11

Tgt Ion: 91 Resp: 84168

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) (-)

Ion 125.90 (125.60 to 126.60): VN065040.D (-3380) (-)

12.71

60000

50000

40000

30000

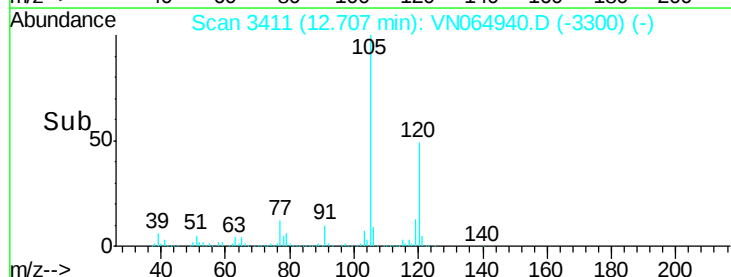
20000

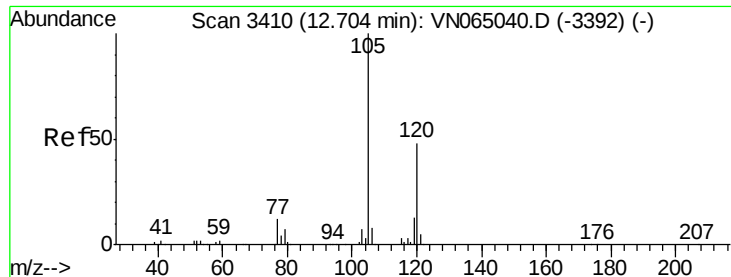
10000

0

Time-->

12.65 12.70 12.75 12.80

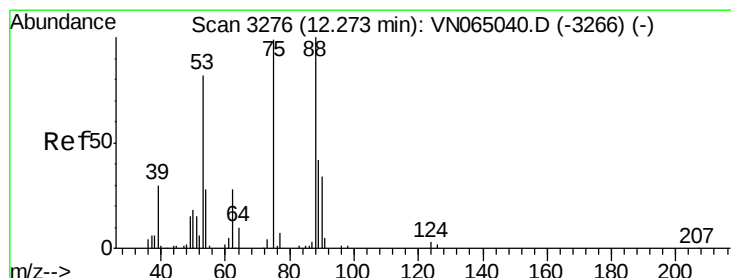
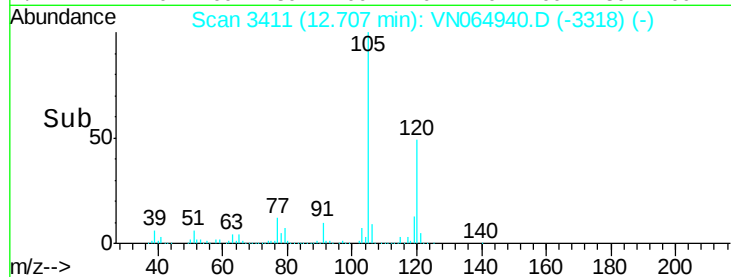
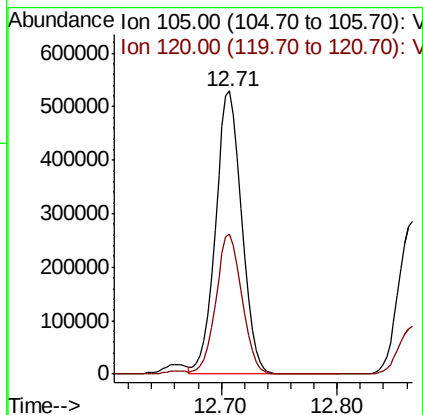
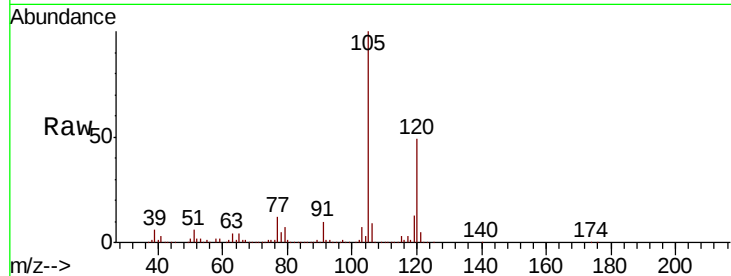




#80

1,3,5-Trimethylbenzene
Concen: 82.329 ug/l
RT: 12.71 min Scan# 3411
Delta R.T. 0.00 min
Lab File: VN064940.D
Acq: 7 Dec 2020 13:11

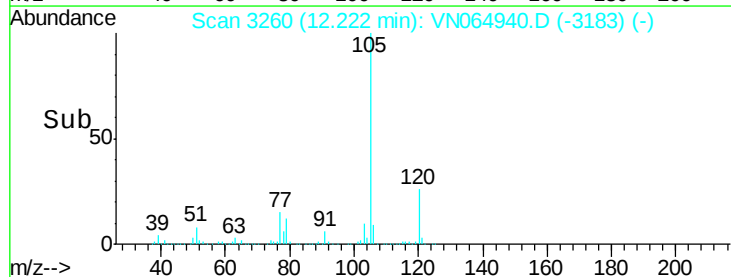
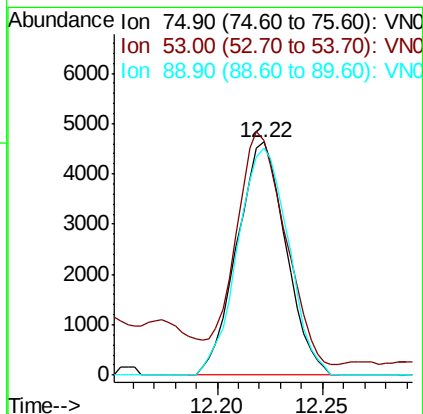
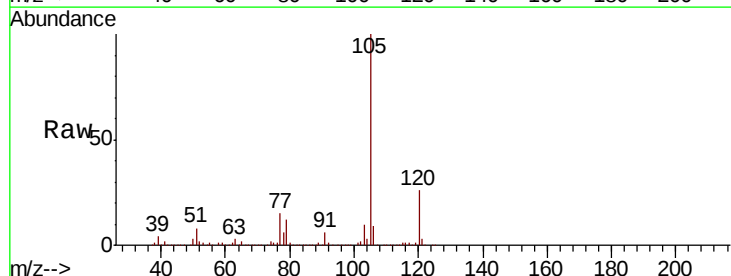
Tot Ion:105 Resp: 829519
Ion Ratio Lower Upper
105 100
120 49.2 24.6 73.6

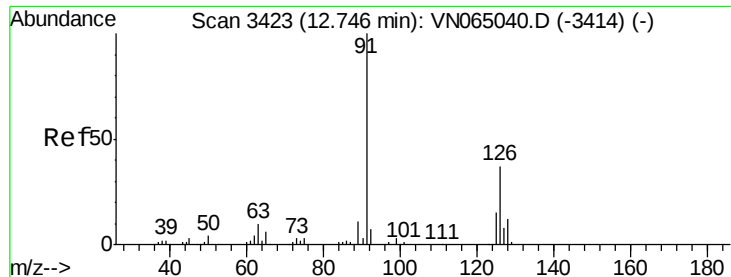


#81

trans-1,4-Dichloro-2-butene
Concen: 5.461 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. -0.05 min
Lab File: VN064940.D
Acq: 7 Dec 2020 13:11

Tgt Ion: 75 Resp: 7478
Ion Ratio Lower Upper
75 100
53 100.9 67.0 100.4#
89 101.4 39.6 59.4#





#82

4-Chlorotoluene

Concen: 9.407 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.04 min

Lab File: VN064940.D

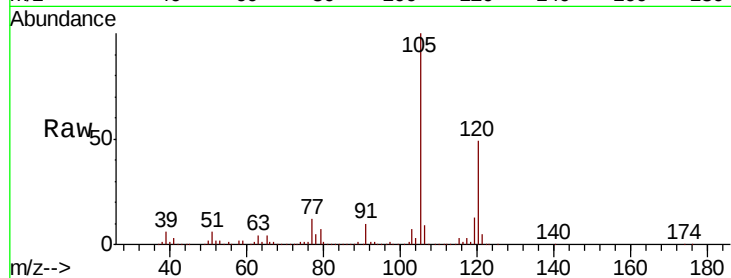
Acq: 7 Dec 2020 13:11

Tot Ion: 91 Resp: 84168

Ion Ratio Lower Upper

91 100

126 0.0 16.9 50.7#

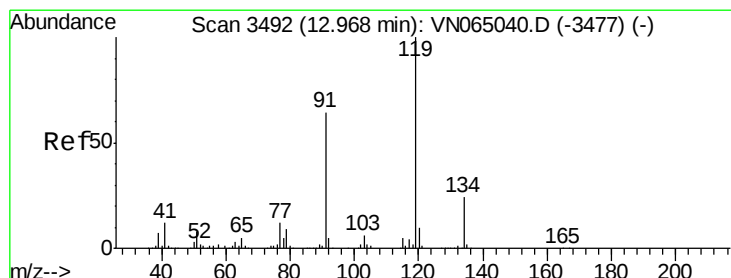
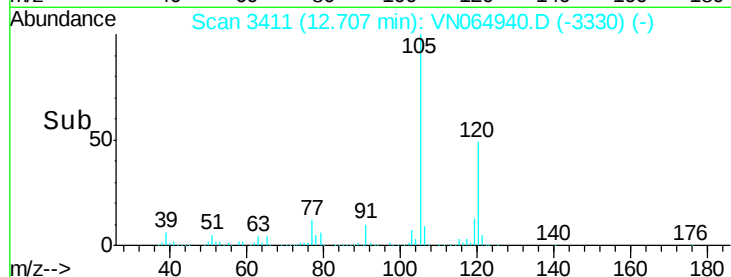


Abundance Ion 91.00 (90.70 to 91.70): VN065040.D (-3414) (-)

Ion 125.90 (125.60 to 126.60): VN065040.D (-3414) (-)

12.71

Time-->



#83

tert-Butylbenzene

Concen: 2.970 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. 0.00 min

Lab File: VN064940.D

Acq: 7 Dec 2020 13:11

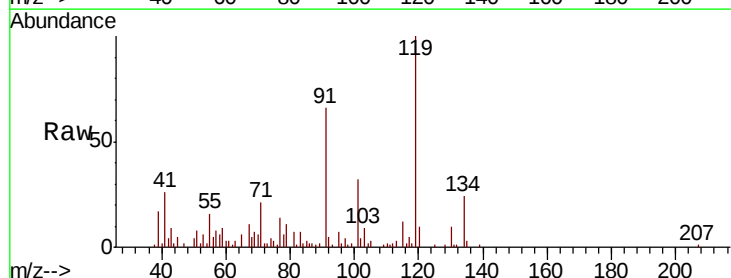
Tgt Ion: 119 Resp: 25085

Ion Ratio Lower Upper

119 100

91 0.0 32.3 96.8#

134 25.4 12.6 37.6



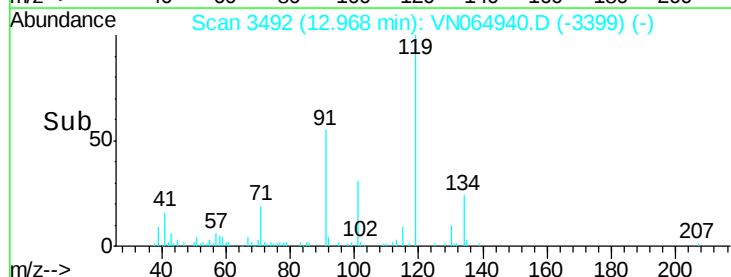
Abundance Ion 119.00 (118.70 to 119.70): VN065040.D (-3477) (-)

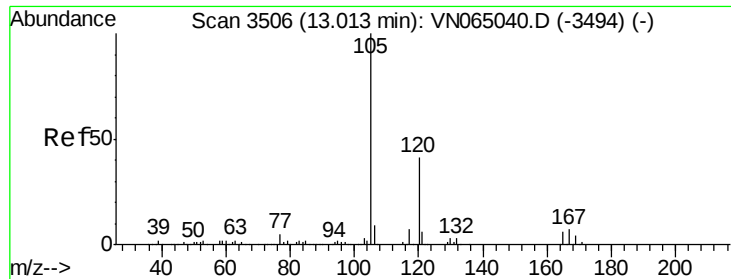
Ion 91.00 (90.70 to 91.70): VN065040.D (-3477) (-)

Ion 134.00 (133.70 to 134.70): VN065040.D (-3477) (-)

12.97

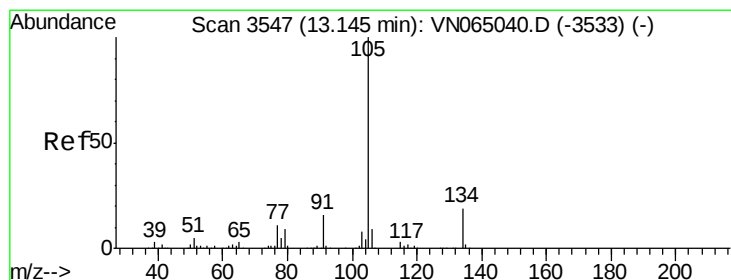
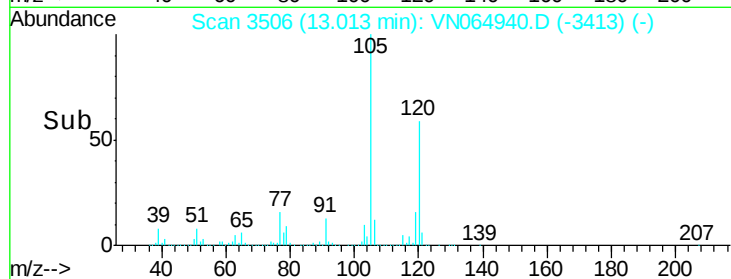
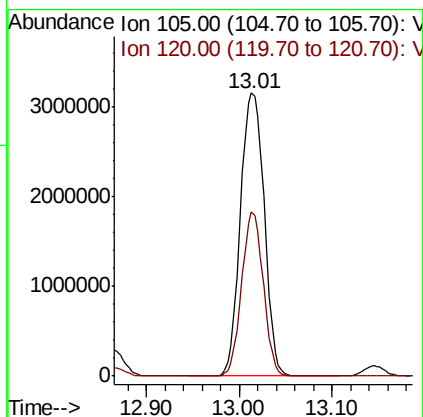
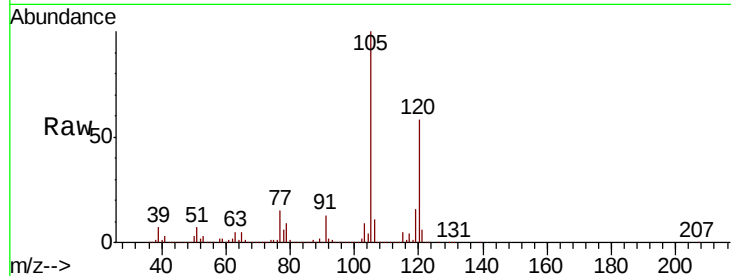
Time-->





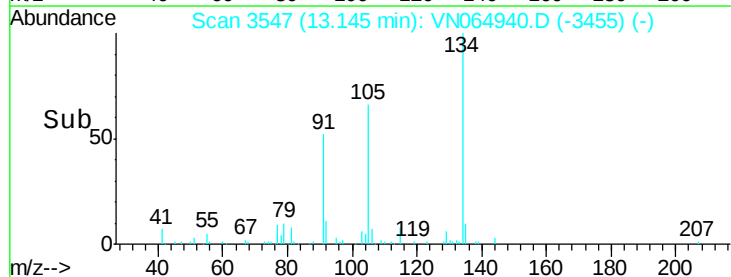
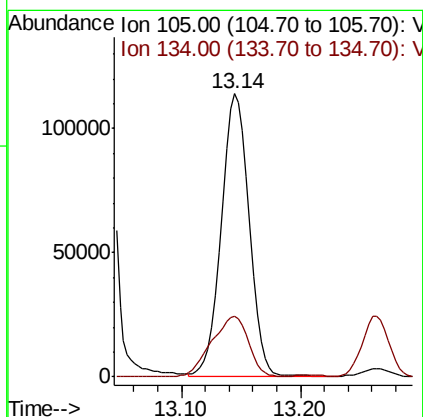
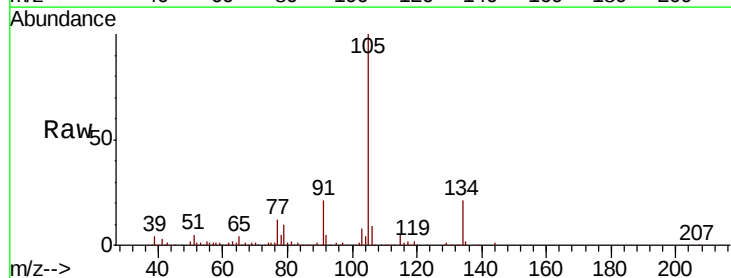
#84
 1,2,4-Trimethylbenzene
 Concen: 549.905 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064940.D
 Acq: 7 Dec 2020 13:11

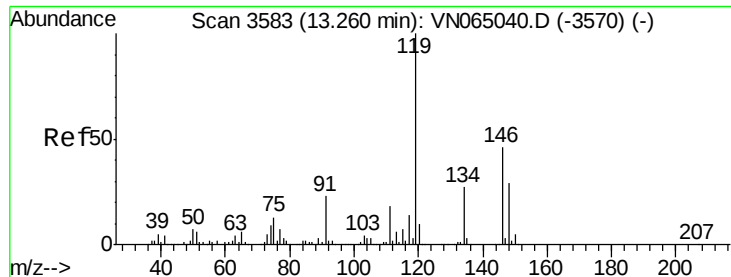
Tot Ion:105 Resp: 5602002
 Ion Ratio Lower Upper
 105 100
 120 52.7 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 16.384 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064940.D
 Acq: 7 Dec 2020 13:11

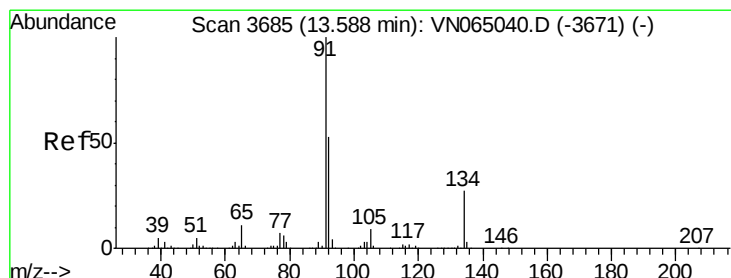
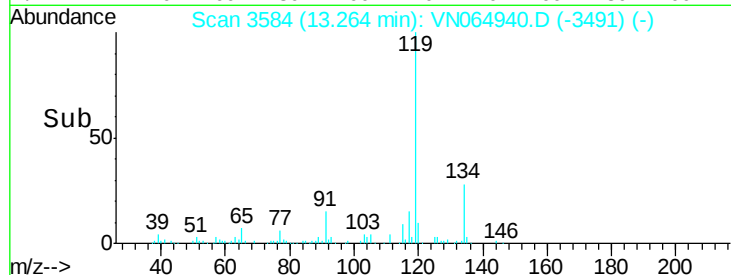
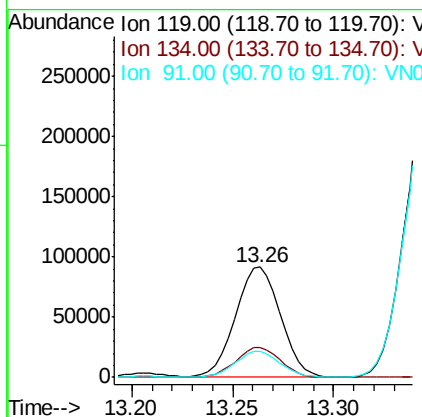
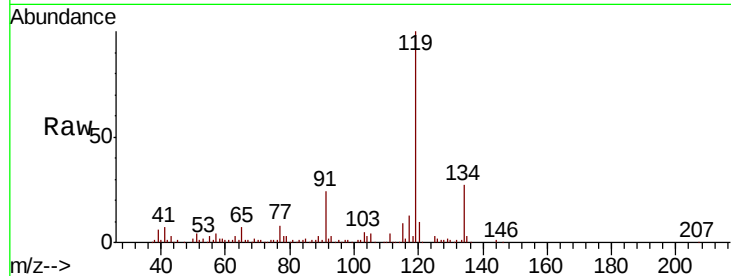
Tgt Ion:105 Resp: 183720
 Ion Ratio Lower Upper
 105 100
 134 28.6 10.1 30.1





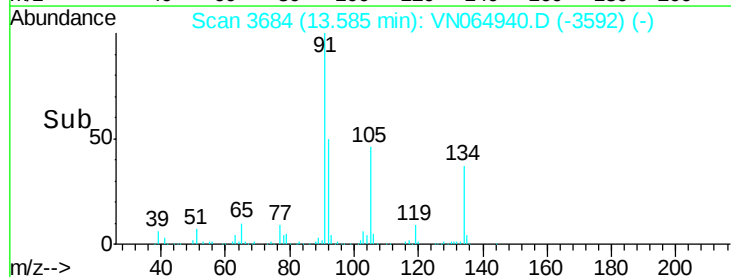
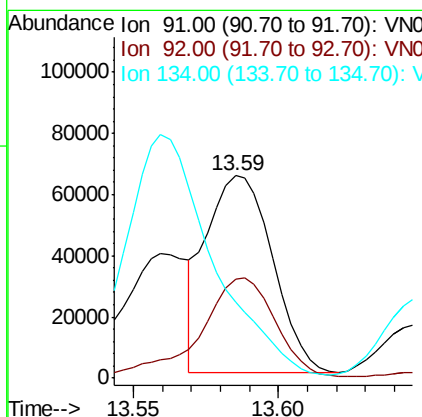
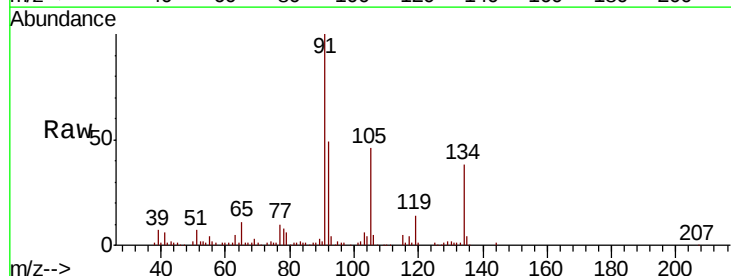
#86
p-Isopropyltoluene
Concen: 14.021 ug/l
RT: 13.26 min Scan# 3584
Delta R.T. 0.00 min
Lab File: VN064940.D
Acq: 7 Dec 2020 13:11

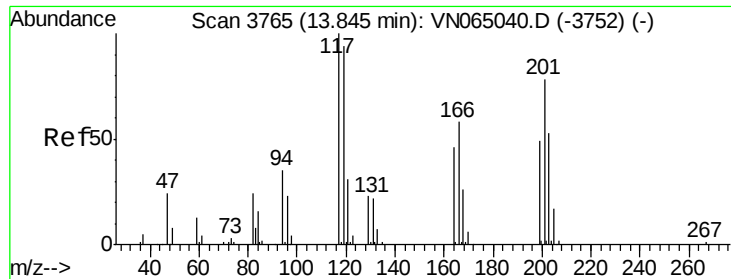
Tot Ion: 119 Resp: 143142
Ion Ratio Lower Upper
119 100
134 26.7 13.1 39.1
91 23.1 11.5 34.5



#89
n-Butylbenzene
Concen: 11.373 ug/l
RT: 13.59 min Scan# 3684
Delta R.T. -0.00 min
Lab File: VN064940.D
Acq: 7 Dec 2020 13:11

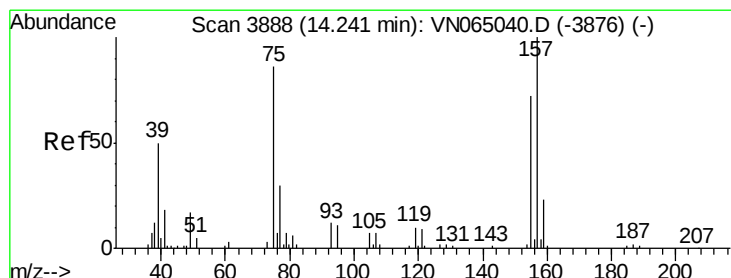
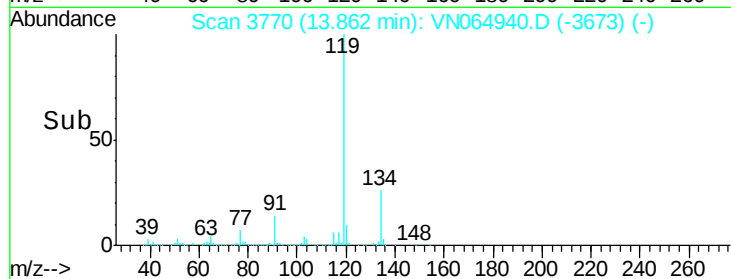
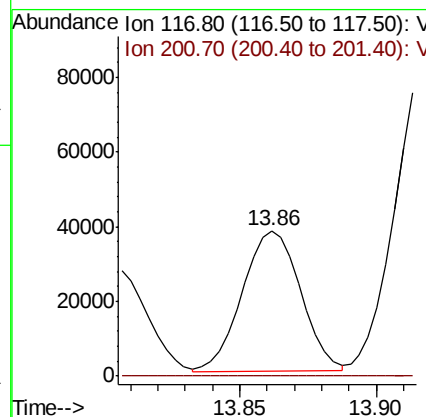
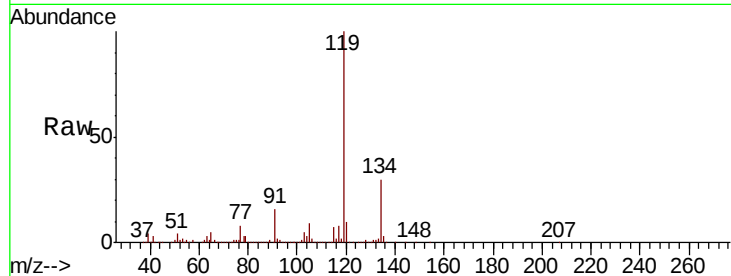
Tgt Ion: 91 Resp: 101963
Ion Ratio Lower Upper
91 100
92 56.6 26.0 78.0
134 0.0 12.9 38.6#





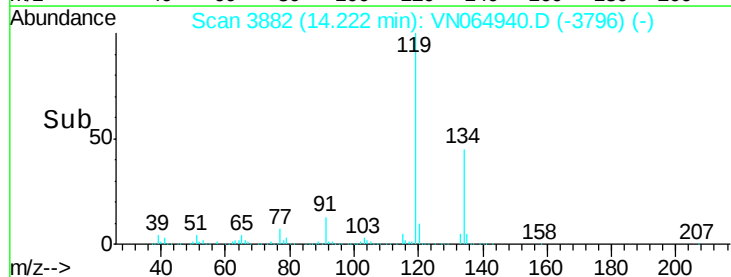
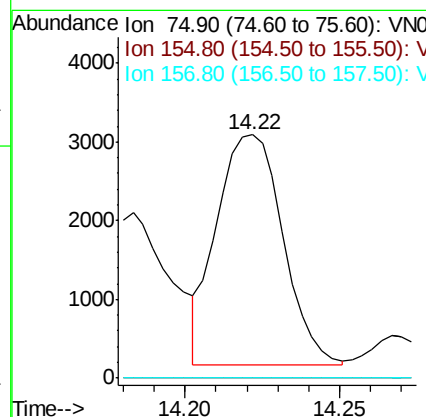
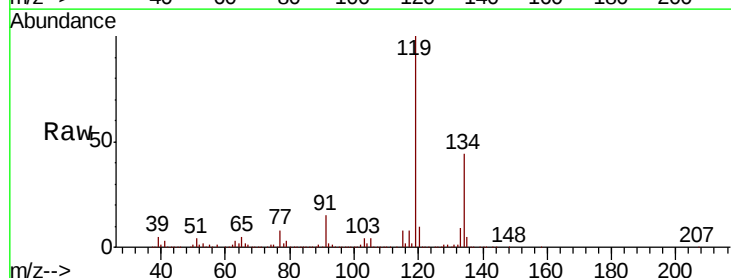
#90
Hexachloroethane
Concen: 31.410 ug/l
RT: 13.86 min Scan# 3770
Delta R.T. 0.01 min
Lab File: VN064940.D
Acq: 7 Dec 2020 13:11

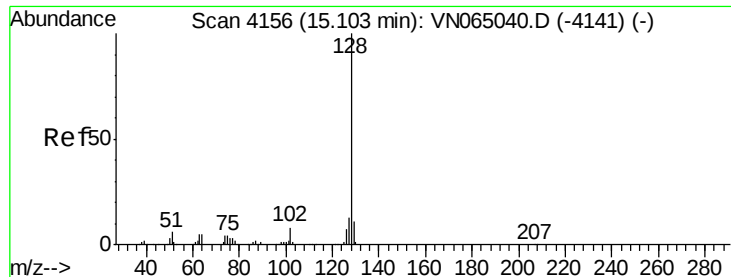
Tot Ion:117 Resp: 55705
Ion Ratio Lower Upper
117 100
201 0.0 40.1 120.3#



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.438 ug/l
RT: 14.22 min Scan# 3882
Delta R.T. -0.02 min
Lab File: VN064940.D
Acq: 7 Dec 2020 13:11

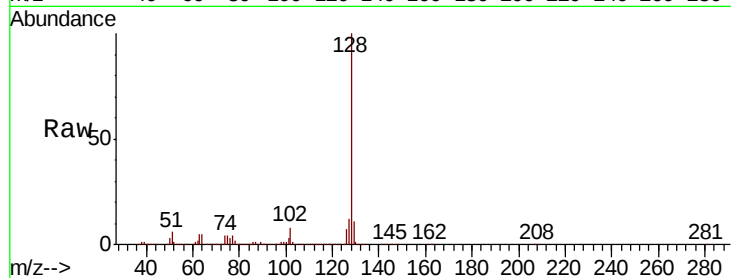
Tgt Ion: 75 Resp: 4347
Ion Ratio Lower Upper
75 100
155 0.0 42.8 128.3#
157 0.0 56.4 169.1#





#95
Naphthalene
Concen: 188.685 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064940.D
Acq: 7 Dec 2020 13:11

Tot Ion:128 Resp: 1993586
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

