

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120720\
 Data File : VN064955.D
 Acq On : 7 Dec 2020 19:12
 Operator : JC/MD
 Sample : L4954-14RE
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Dec 15 03:59:33 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	192110	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	321662	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	331028	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	166888	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	105697	47.33	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.66%
35) Dibromofluoromethane	7.55	113	99915	51.91	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.82%
50) Toluene-d8	10.06	98	427173	54.32	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	108.64%
62) 4-Bromofluorobenzene	12.37	95	166079	59.01	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	118.02%

Target Compounds

						Qvalue
13) Acrolein	3.75	56	11723	55.102	ug/l #	82
14) Allyl chloride	4.49	41	42771	13.920	ug/l #	58
15) Acrylonitrile	5.00	53	11216	11.657	ug/l #	45
16) Acetone	3.76	43	33215	45.241	ug/l #	55
18) Methyl Acetate	4.48	43	111482	50.504	ug/l #	50
20) Methylene Chloride	4.48	84	984	0.428	ug/l #	1
25) 2-Butanone	6.78	43	5609	4.713	ug/l #	49
26) 2,2-Dichloropropane	6.57	77	8031	2.519	ug/l #	52
29) Tetrahydrofuran	7.33	42	726	0.884	ug/l #	32
31) Cyclohexane	7.61	56	846178	271.836	ug/l	97
36) 1,1-Dichloropropene	7.62	75	13330	4.471	ug/l #	29
37) Ethyl Acetate	6.78	43	5609	1.953	ug/l #	66
38) Carbon Tetrachloride	7.62	117	17723	5.713	ug/l #	16
39) Methylcyclohexane	9.05	83	1081354	336.915	ug/l	97
40) Benzene	8.00	78	19727	2.159	ug/l	100
41) Methacrylonitrile	7.34	41	9535	7.195	ug/l #	57
43) Isopropyl Acetate	8.11	43	47393	10.255	ug/l #	59
45) 1,2-Dichloropropane	9.05	63	9582	4.050	ug/l #	1
47) Bromodichloromethane	9.48	83	3830	1.204	ug/l #	44
48) Methyl methacrylate	9.23	41	35656	16.147	ug/l #	44
51) 4-Methyl-2-Pentanone	9.96	43	2318	0.835	ug/l #	47
55) 1,1,2-Trichloroethane	10.50	97	65735	28.411	ug/l #	17
56) Ethyl methacrylate	10.40	69	36375	11.393	ug/l #	30
59) 2-Hexanone	10.69	43	4415	2.211	ug/l #	23
67) Ethyl Benzene	11.48	91	88433	7.447	ug/l	100
68) m/p-Xylenes	11.60	106	5023	1.117	ug/l	87
69) o-Xylene	11.92	106	1316	0.308	ug/l	53
70) Styrene	12.22	104	5735	0.796	ug/l #	1
71) Bromoform	12.37	173	535	0.256	ug/l #	1
73) Isopropylbenzene	12.22	105	284082	24.472	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.44	83	883	0.260	ug/l #	24
76) 1,2,3-Trichloropropane	12.37	75	77445	21.548	ug/l #	100
78) n-propylbenzene	12.56	91	370316	28.003	ug/l	99
79) 2-Chlorotoluene	12.56	91	370316	45.302	ug/l #	40

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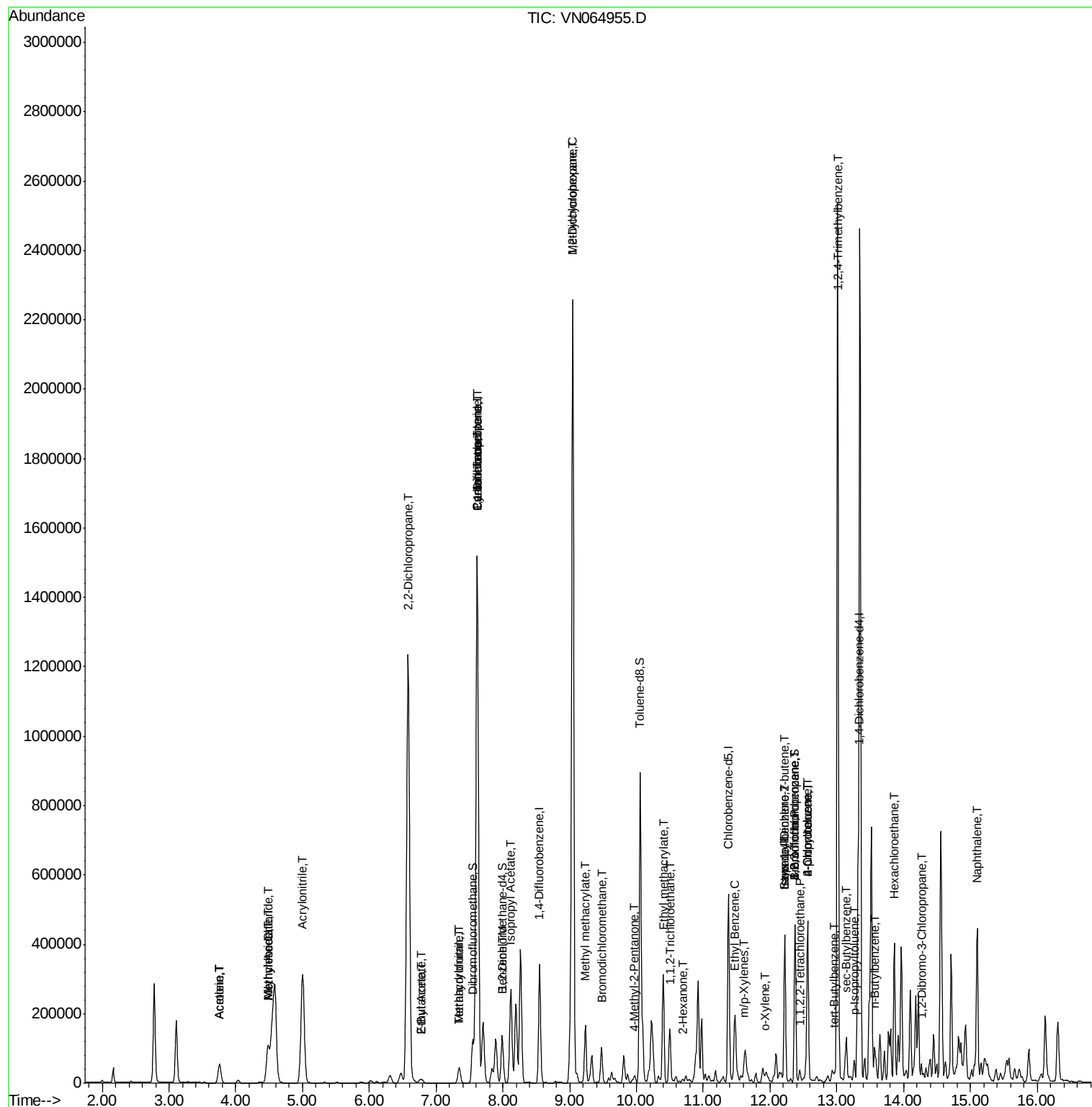
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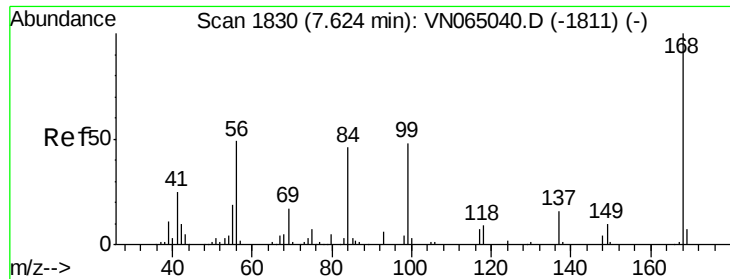
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	12.22	75	3091	2.357	ug/l #	57
82) 4-Chlorotoluene	12.56	91	370316	43.219	ug/l #	41
83) tert-Butylbenzene	12.96	119	11081	1.370	ug/l	94
84) 1,2,4-Trimethylbenzene	13.01	105	1481918	151.906	ug/l	100
85) sec-Butylbenzene	13.14	105	79957	7.446	ug/l #	78
86) p-Isopropyltoluene	13.26	119	30682	3.138	ug/l	97
89) n-Butylbenzene	13.59	91	33916	3.950	ug/l #	73
90) Hexachloroethane	13.86	117	19772	11.642	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.26	75	174	0.227	ug/l #	1
95) Naphthalene	15.10	128	388263	38.374	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064955.D

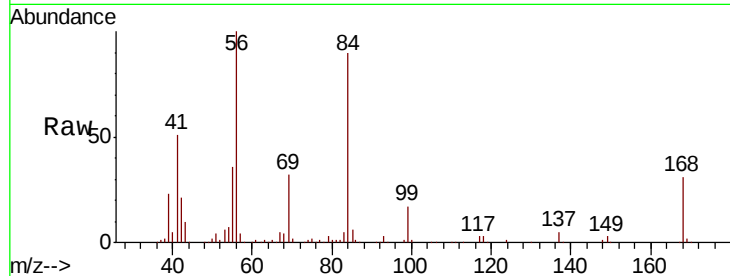
Acq: 7 Dec 2020 19:12

Tot Ion:168 Resp: 192110

Ion Ratio Lower Upper

168 100

99 55.6 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): VN064955.D (-1738) (-)

Ion 98.90 (98.60 to 99.60): VN064955.D (-1738) (-)

7.62

80000

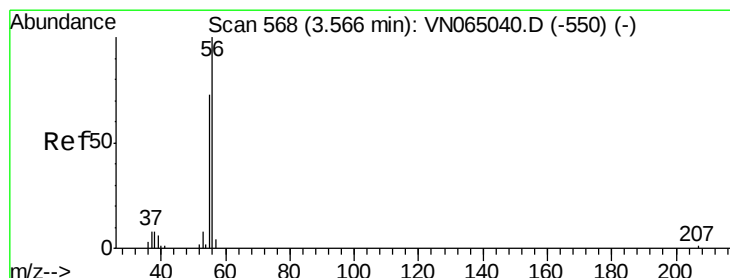
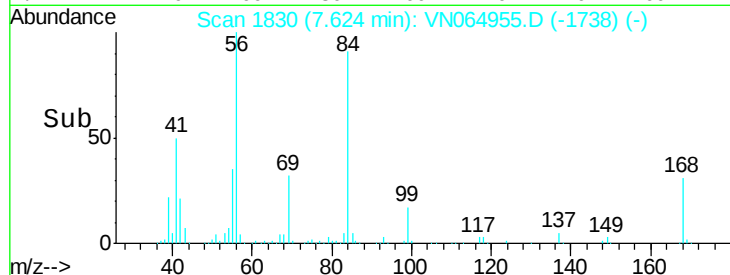
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#13

Acrolein

Concen: 55.102 ug/l

RT: 3.75 min Scan# 625

Delta R.T. 0.18 min

Lab File: VN064955.D

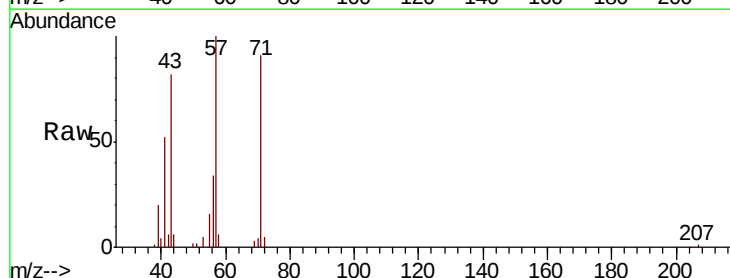
Acq: 7 Dec 2020 19:12

Tgt Ion: 56 Resp: 11723

Ion Ratio Lower Upper

56 100

55 55.7 56.5 84.7#



Abundance Ion 56.00 (55.70 to 56.70): VN064955.D (-475) (-)

Ion 55.00 (54.70 to 55.70): VN064955.D (-475) (-)

3.75

4000

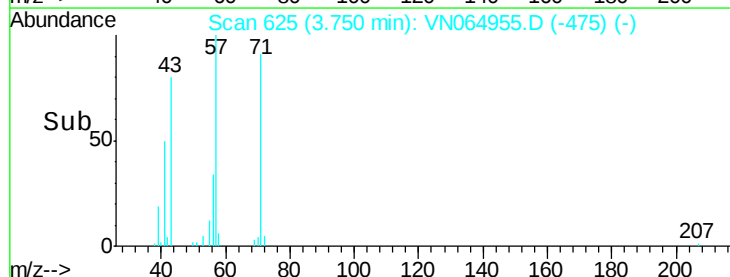
3000

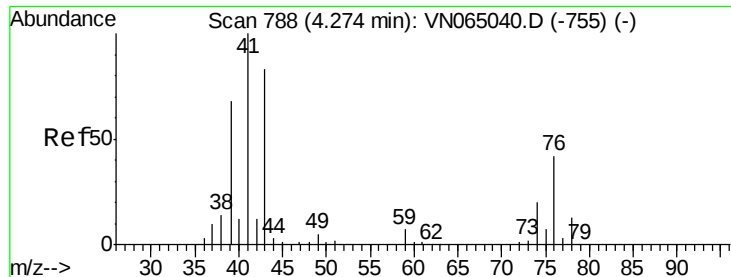
2000

1000

0

Time--> 3.65 3.70 3.75 3.80 3.85





#14

Allvl chloride

Concen: 13.920 ug/l

RT: 4.49 min Scan# 854

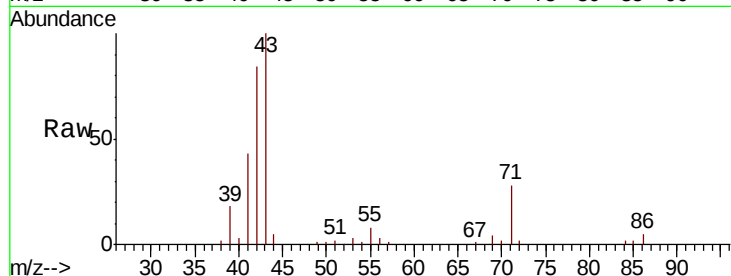
Delta R.T. 0.21 min

Lab File: VN064955.D

Acq: 7 Dec 2020 19:12

Tot Ion: 41 Resp: 42771

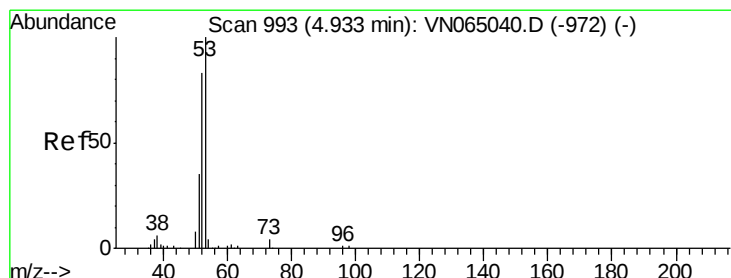
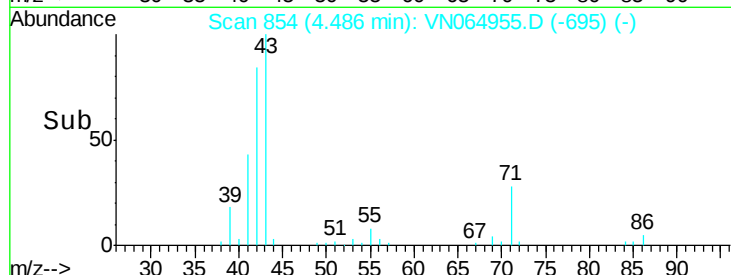
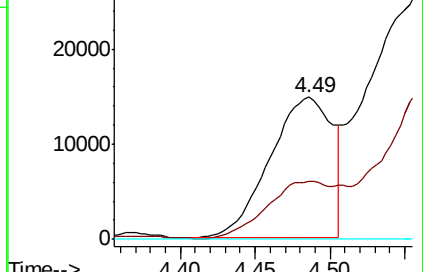
Ion	Ratio	Lower	Upper
41	100		
39	39.5	50.9	76.3#
76	0.0	29.0	43.4#



Abundance Ion 41.00 (40.70 to 41.70): VN064955.D (-695) (-)

Ion 39.00 (38.70 to 39.70): VN064955.D (-695) (-)

Ion 75.90 (75.60 to 76.60): VN064955.D (-695) (-)



#15

Acrylonitrile

Concen: 11.657 ug/l

RT: 5.00 min Scan# 1015

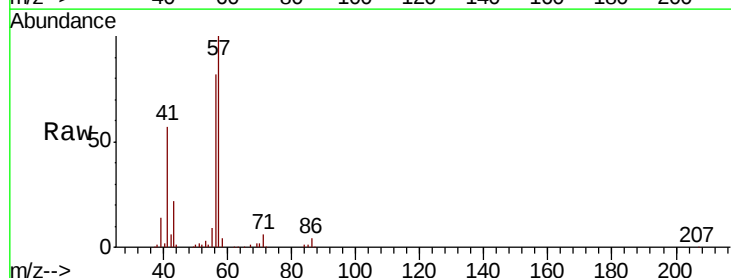
Delta R.T. 0.07 min

Lab File: VN064955.D

Acq: 7 Dec 2020 19:12

Tgt Ion: 53 Resp: 11216

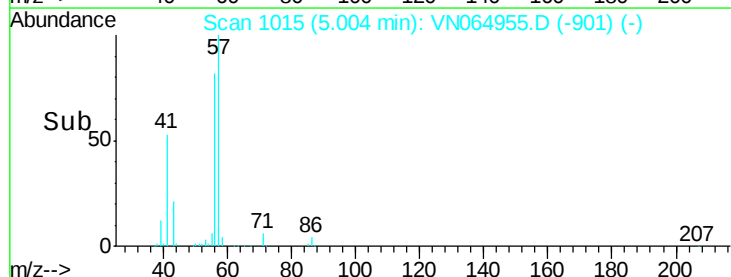
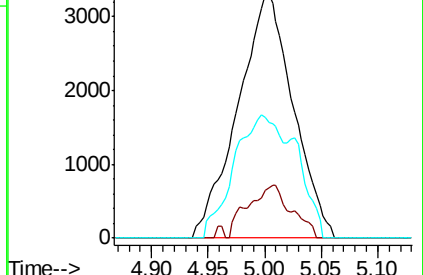
Ion	Ratio	Lower	Upper
53	100		
52	17.1	65.5	98.3#
51	44.0	28.6	43.0#

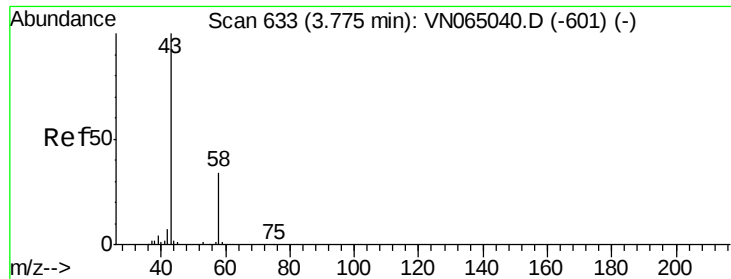


Abundance Ion 53.00 (52.70 to 53.70): VN064955.D (-901) (-)

Ion 52.00 (51.70 to 52.70): VN064955.D (-901) (-)

Ion 51.00 (50.70 to 51.70): VN064955.D (-901) (-)





#16

Acetone

Concen: 45.241 ug/l

RT: 3.76 min Scan# 627

Delta R.T. -0.02 min

Lab File: VN064955.D

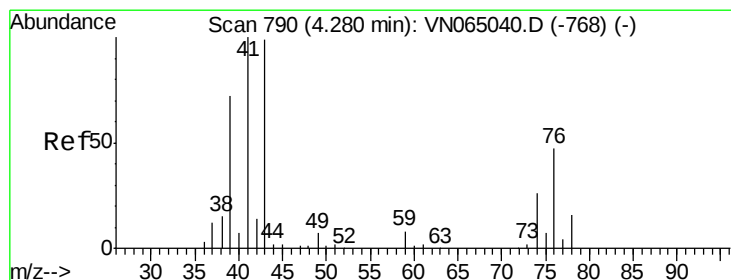
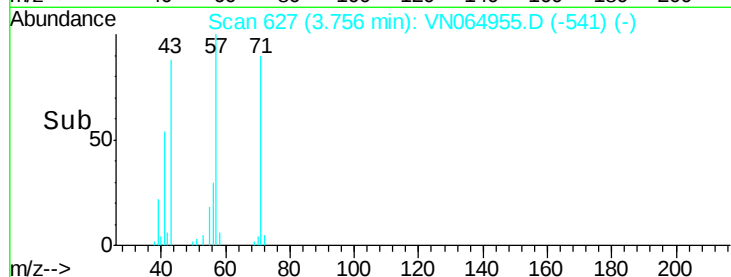
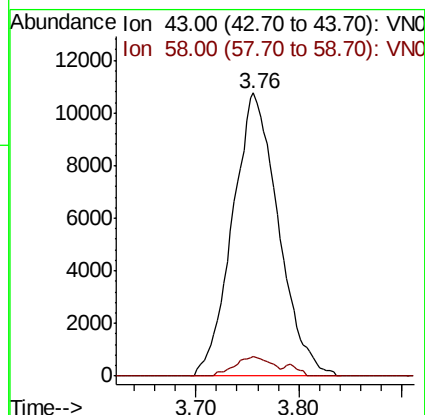
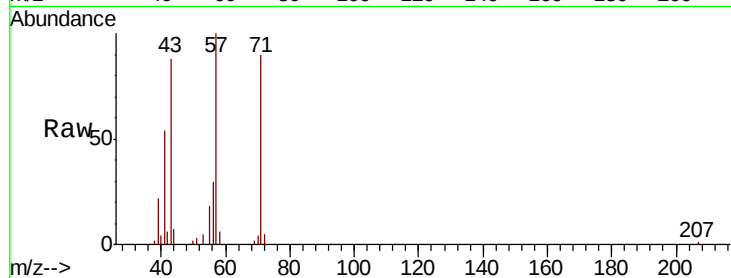
Acq: 7 Dec 2020 19:12

Tot Ion: 43 Resp: 33215

Ion Ratio Lower Upper

43 100

58 7.0 25.7 38.5#



#18

Methyl Acetate

Concen: 50.504 ug/l

RT: 4.48 min Scan# 853

Delta R.T. 0.20 min

Lab File: VN064955.D

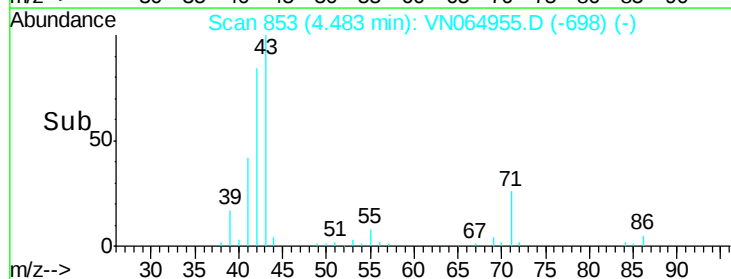
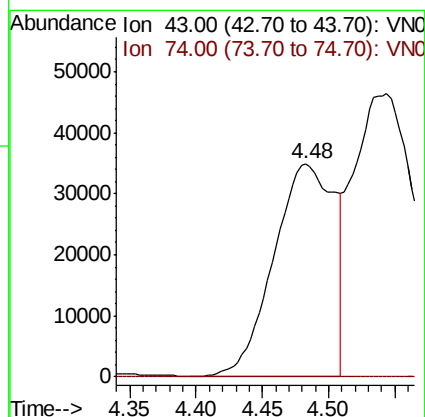
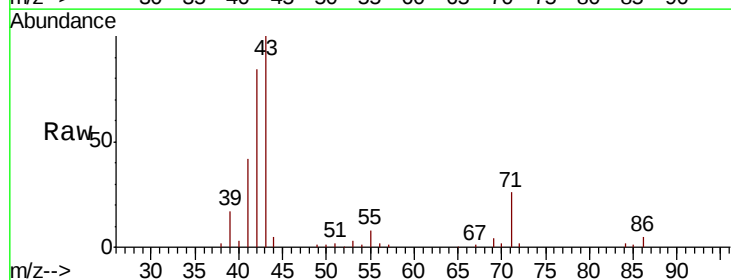
Acq: 7 Dec 2020 19:12

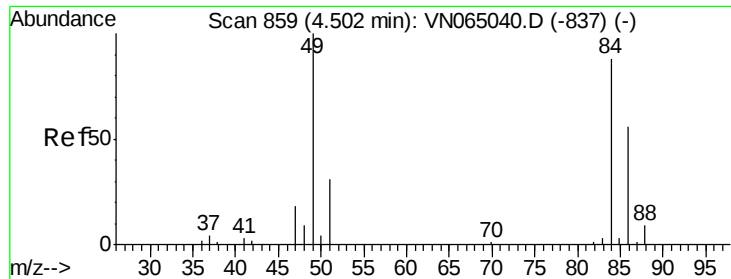
Tgt Ion: 43 Resp: 111482

Ion Ratio Lower Upper

43 100

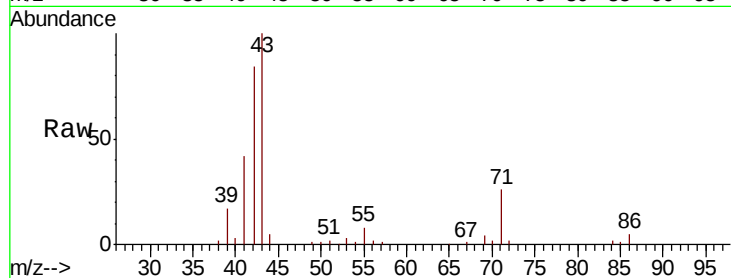
74 0.0 20.2 30.2#



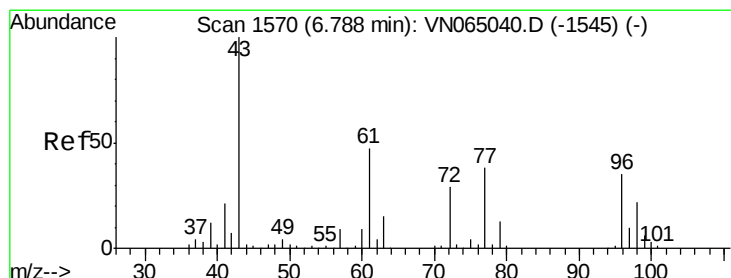
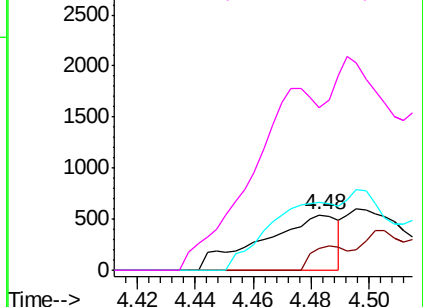
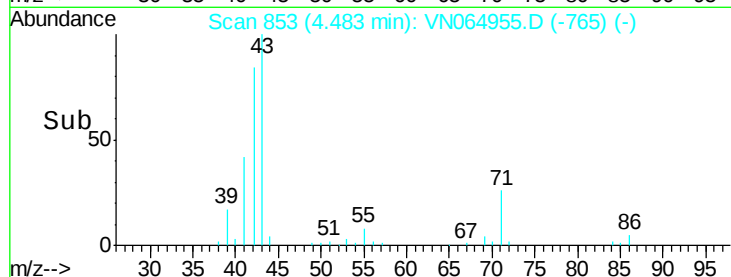


#20
Methylene Chloride
Concen: 0.428 ug/l
RT: 4.48 min Scan# 853
Delta R.T. -0.02 min
Lab File: VN064955.D
Acq: 7 Dec 2020 19:12

Tot Ion: 84 Resp: 984
Ion Ratio Lower Upper
84 100
49 38.5 93.4 140.0#
51 123.2 28.2 42.4#
86 261.1 51.7 77.5#

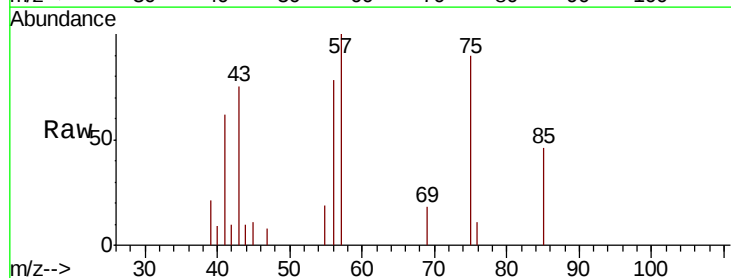


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

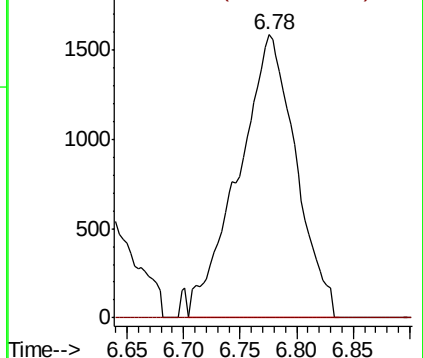
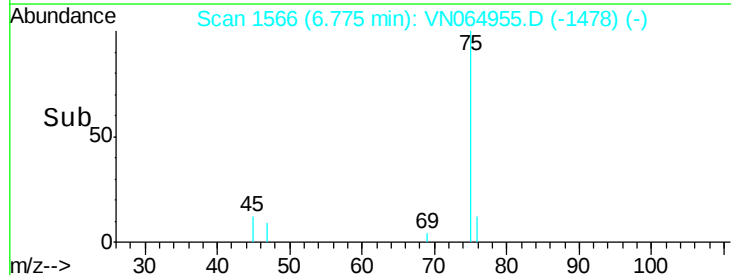


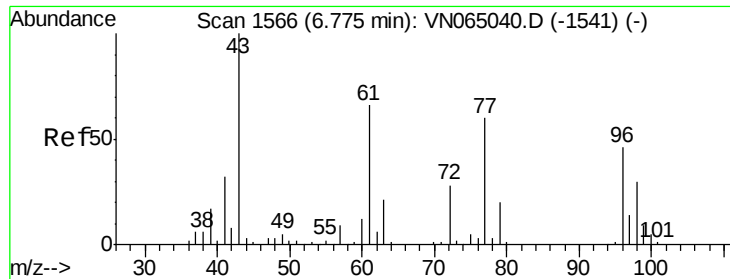
#25
2-Butanone
Concen: 4.713 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.02 min
Lab File: VN064955.D
Acq: 7 Dec 2020 19:12

Tgt Ion: 43 Resp: 5609
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.6#



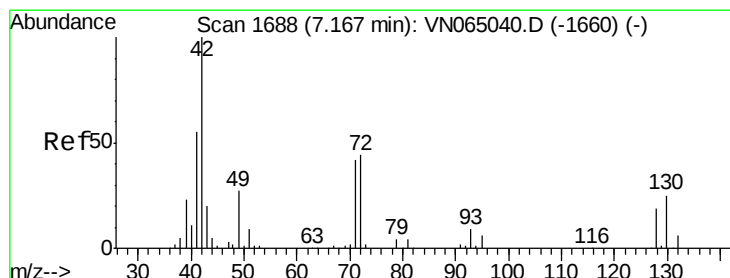
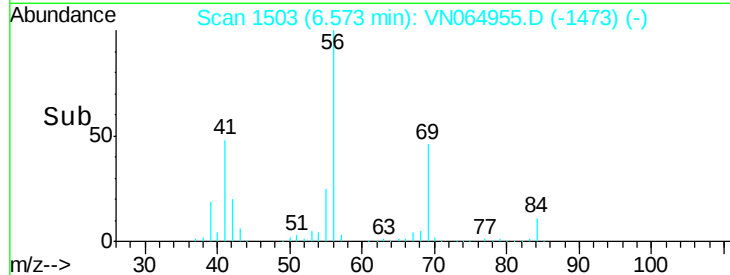
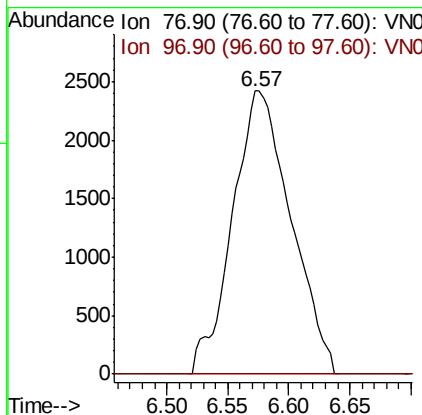
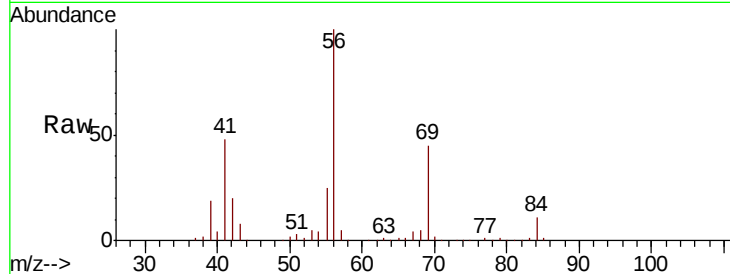
Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0





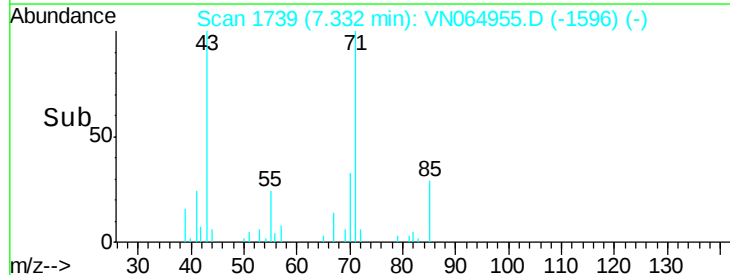
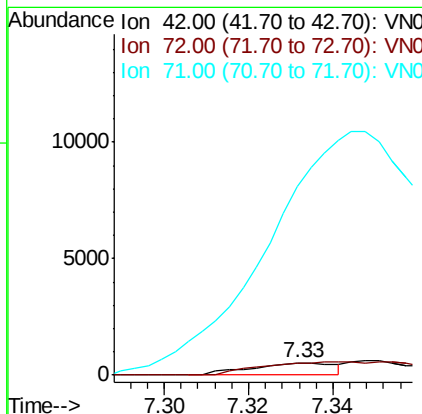
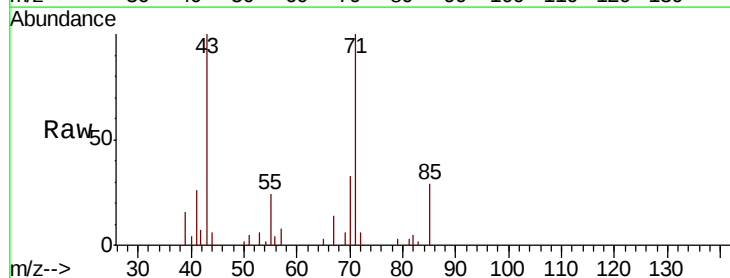
#26
 2,2-Dichloropropane
 Concen: 2.519 ug/l
 RT: 6.57 min Scan# 1503
 Delta R.T. -0.20 min
 Lab File: VN064955.D
 Acq: 7 Dec 2020 19:12

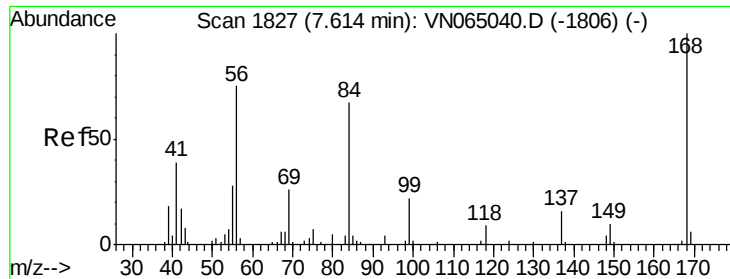
Tot Ion: 77 Resp: 8031
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.7 35.0#



#29
 Tetrahydrofuran
 Concen: 0.884 ug/l
 RT: 7.33 min Scan# 1739
 Delta R.T. 0.16 min
 Lab File: VN064955.D
 Acq: 7 Dec 2020 19:12

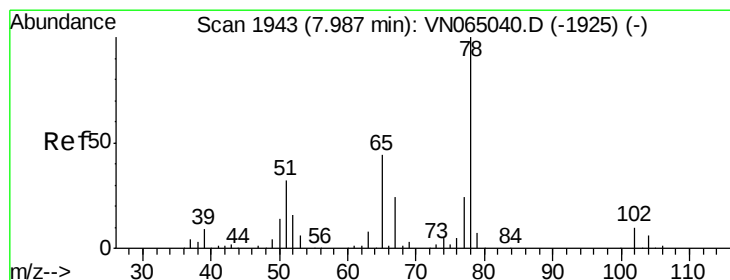
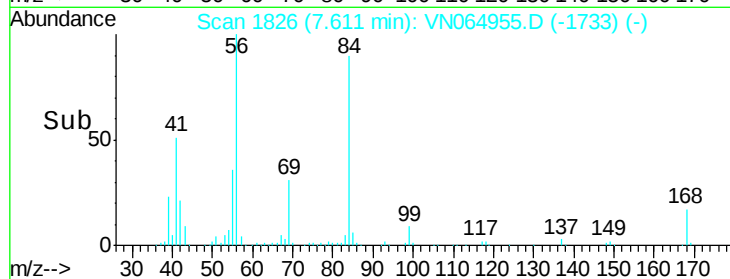
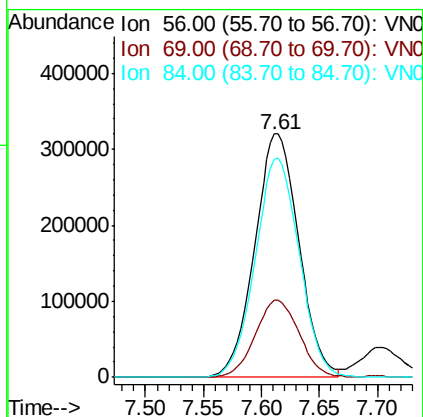
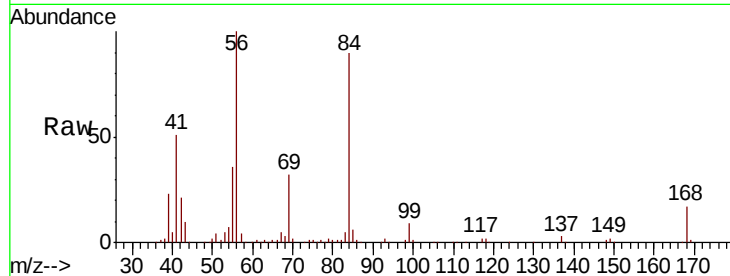
Tgt Ion: 42 Resp: 726
 Ion Ratio Lower Upper
 42 100
 72 0.0 36.6 54.8#
 71 0.0 33.6 50.4#





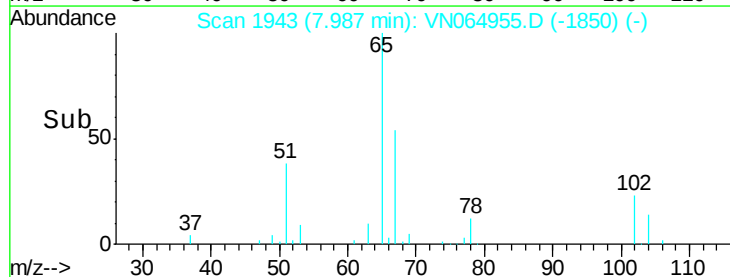
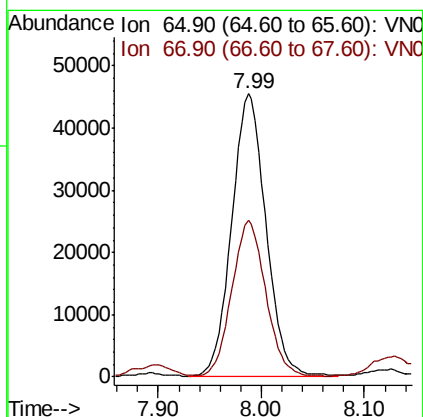
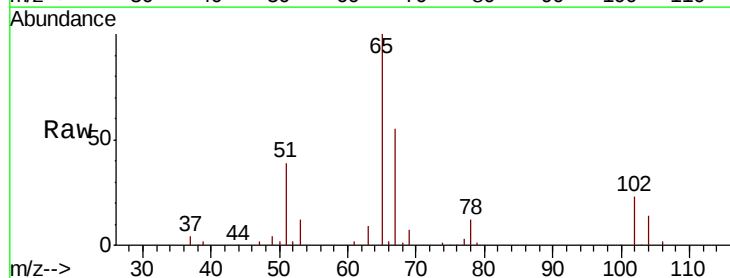
#31
Cyclohexane
Concen: 271.836 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VN064955.D
Acq: 7 Dec 2020 19:12

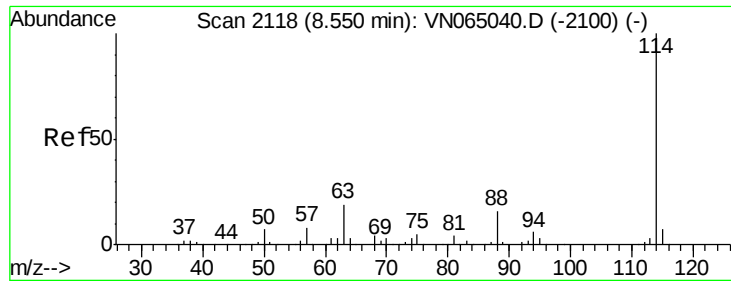
Tot Ion: 56 Resp: 846178
Ion Ratio Lower Upper
56 100
69 31.5 27.5 41.3
84 89.8 73.9 110.9



#33
1,2-Dichloroethane-d4
Concen: 47.325 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064955.D
Acq: 7 Dec 2020 19:12

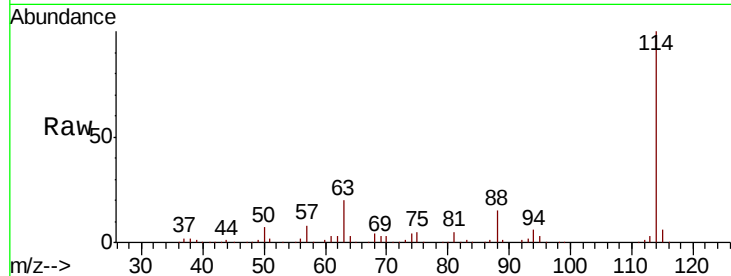
Tgt Ion: 65 Resp: 105697
Ion Ratio Lower Upper
65 100
67 53.7 0.0 108.2



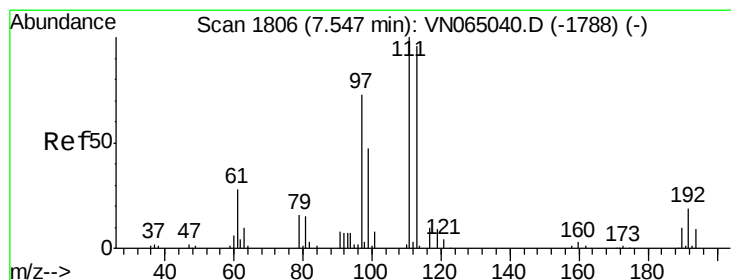
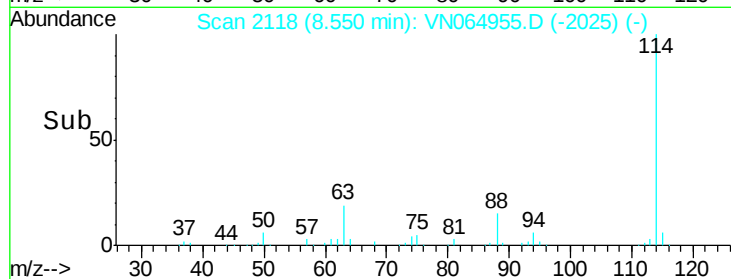
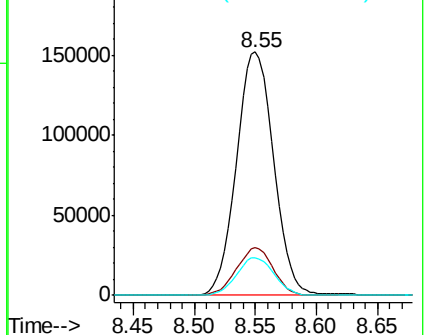


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064955.D
Acq: 7 Dec 2020 19:12

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	38.6
88	15.4	0.0	32.6

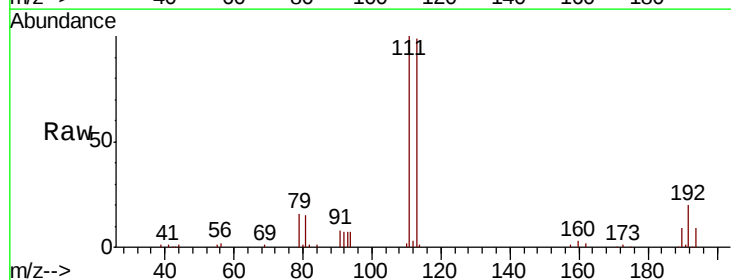


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

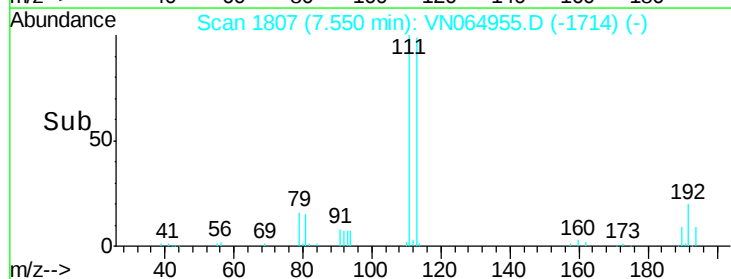
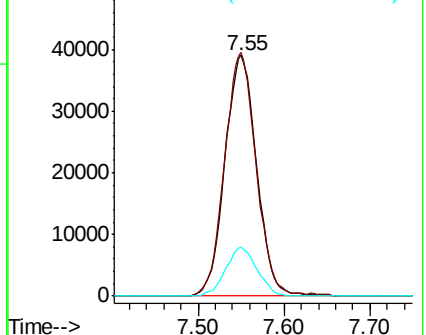


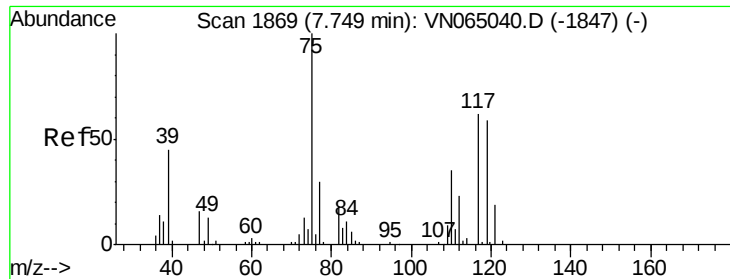
#35
Dibromofluoromethane
Concen: 51.911 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064955.D
Acq: 7 Dec 2020 19:12

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.3	81.6	122.4
192	20.0	16.2	24.2



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





#36

1,1-Dichloropropene

Concen: 4.471 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.13 min

Lab File: VN064955.D

Acq: 7 Dec 2020 19:12

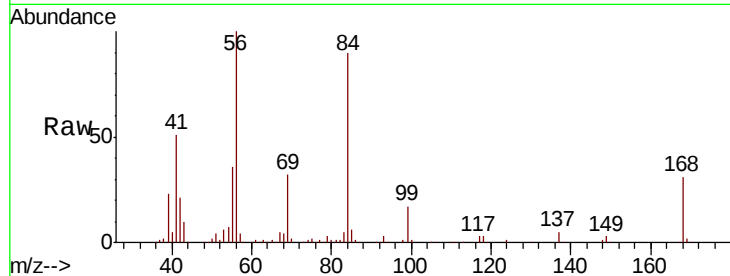
Tot Ion: 75 Resp: 13330

Ion Ratio Lower Upper

75 100

110 5.2 17.8 53.3#

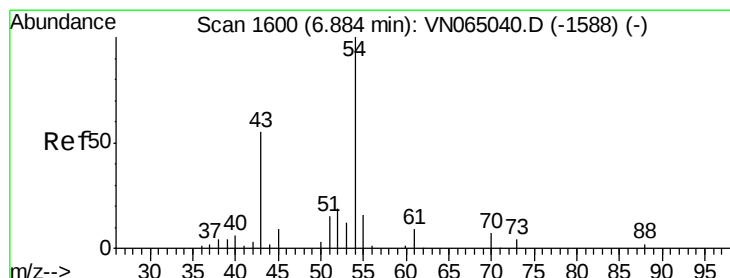
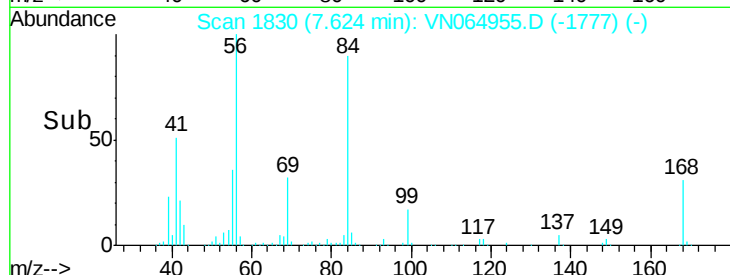
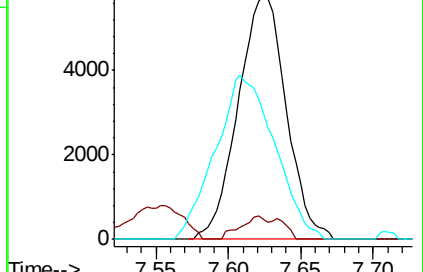
77 82.6 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VN065040.D (-1847) (-)

Ion 109.90 (109.60 to 110.60): VN065040.D (-1847) (-)

Ion 76.90 (76.60 to 77.60): VN065040.D (-1847) (-)



#37

Ethyl Acetate

Concen: 1.953 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.11 min

Lab File: VN064955.D

Acq: 7 Dec 2020 19:12

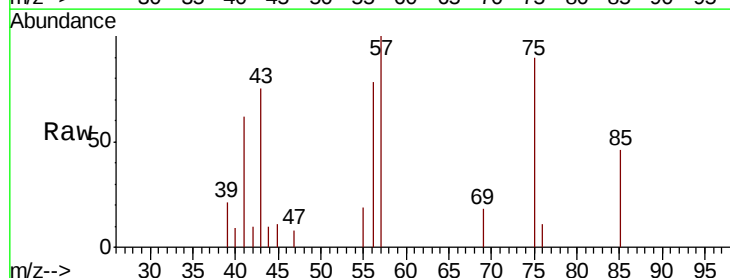
Tgt Ion: 43 Resp: 5609

Ion Ratio Lower Upper

43 100

61 0.0 12.8 19.2#

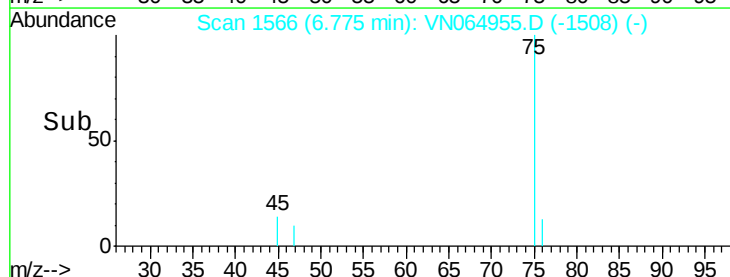
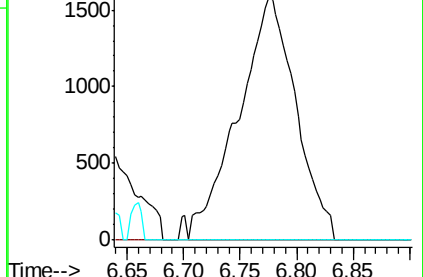
70 0.0 8.8 13.2#

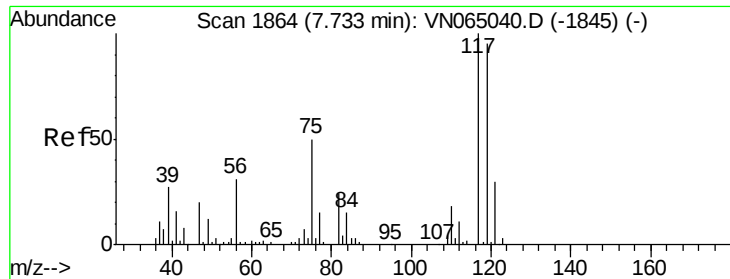


Abundance Ion 43.00 (42.70 to 43.70): VN065040.D (-1588) (-)

Ion 60.90 (60.60 to 61.60): VN065040.D (-1588) (-)

Ion 70.00 (69.70 to 70.70): VN065040.D (-1588) (-)





#38

Carbon Tetrachloride

Concen: 5.713 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN064955.D

Acq: 7 Dec 2020 19:12

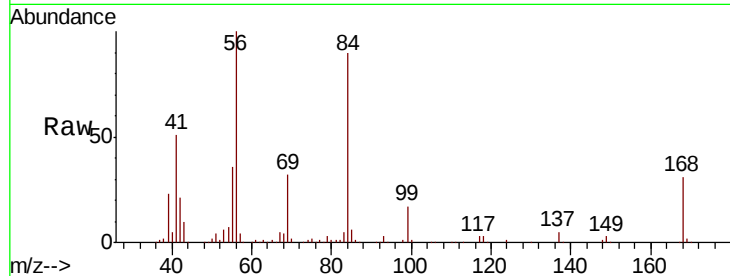
Tot Ion: 117 Resp: 17723

Ion Ratio Lower Upper

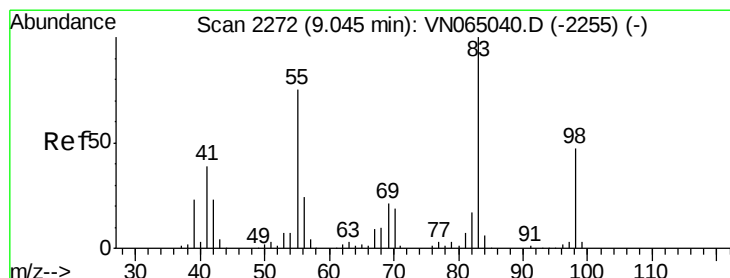
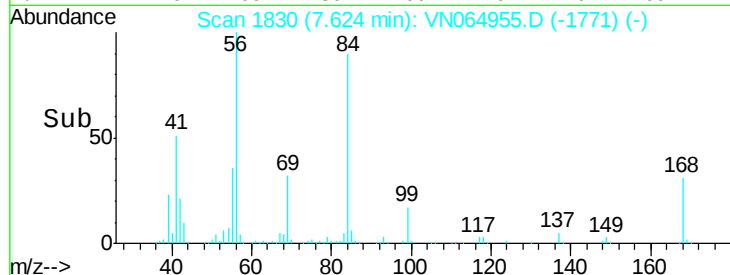
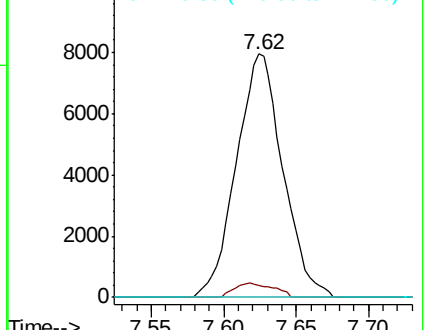
117 100

119 4.7 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: 336.915 ug/l

RT: 9.05 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VN064955.D

Acq: 7 Dec 2020 19:12

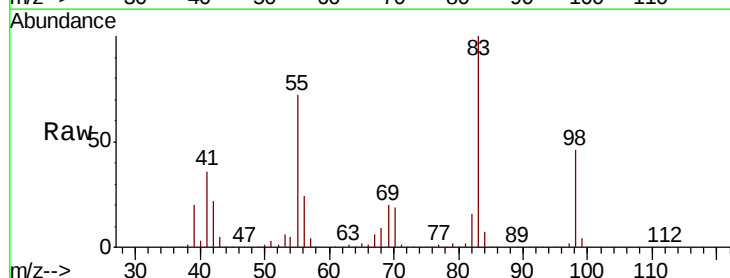
Tgt Ion: 83 Resp: 1081354

Ion Ratio Lower Upper

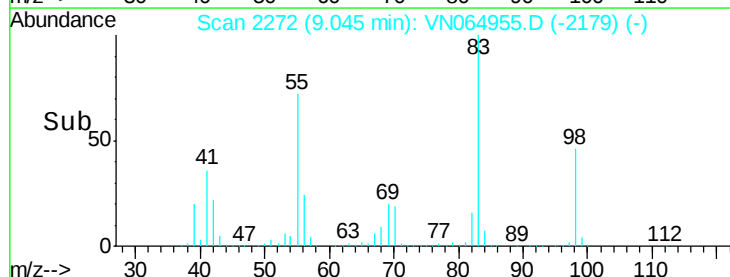
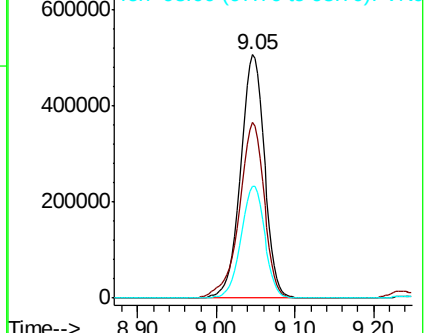
83 100

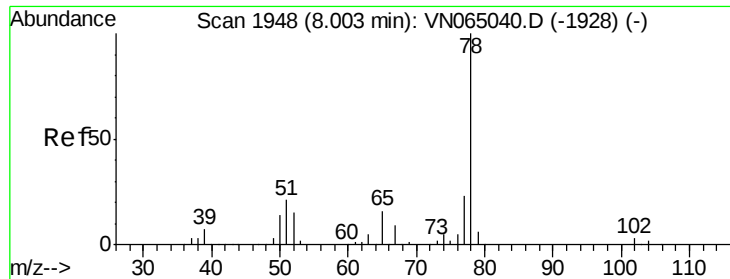
55 72.0 60.2 90.2

98 45.9 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: 2.159 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN064955.D

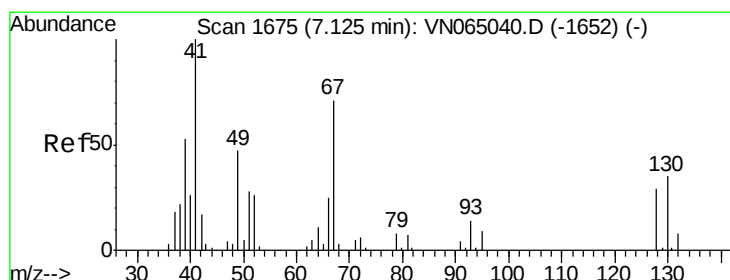
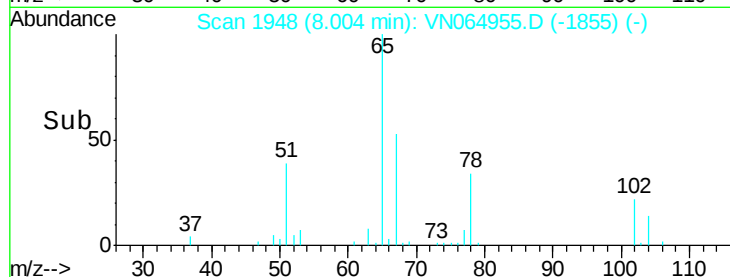
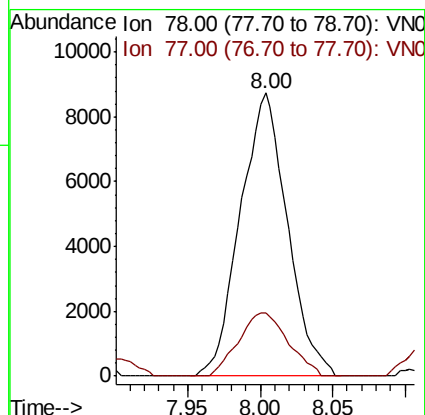
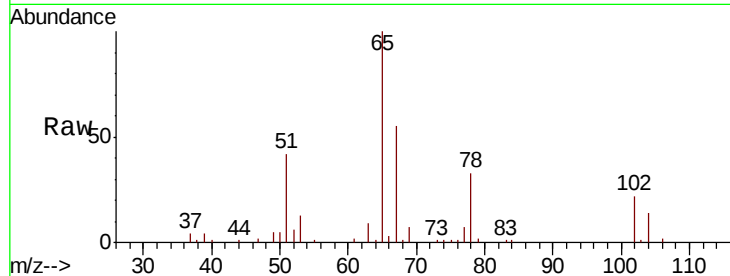
Acq: 7 Dec 2020 19:12

Tot Ion: 78 Resp: 19727

Ion Ratio Lower Upper

78 100

77 22.4 17.9 26.9



#41

Methacrylonitrile

Concen: 7.195 ug/l

RT: 7.34 min Scan# 1742

Delta R.T. 0.21 min

Lab File: VN064955.D

Acq: 7 Dec 2020 19:12

Tgt Ion: 41 Resp: 9535

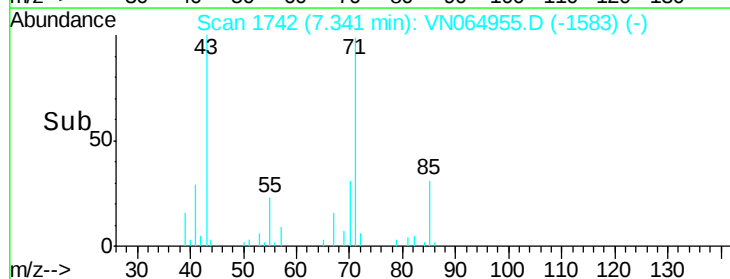
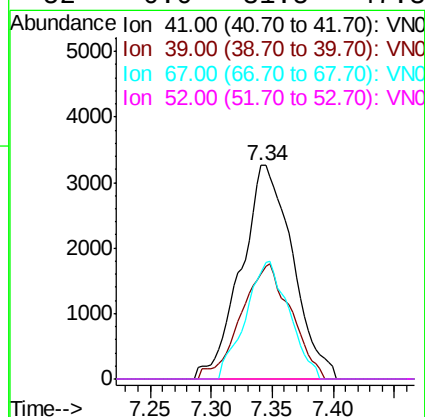
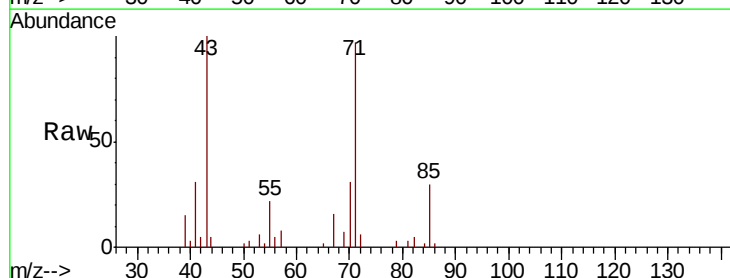
Ion Ratio Lower Upper

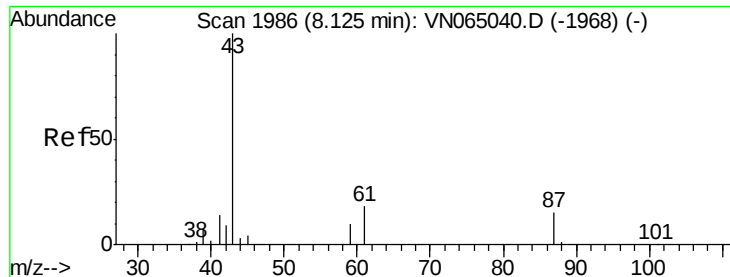
41 100

39 52.2 51.0 76.6

67 46.3 79.8 119.8#

52 0.0 31.5 47.3#





#43

Isopropyl Acetate

Concen: 10.255 ug/l

RT: 8.11 min Scan# 1981

Delta R.T. -0.02 min

Lab File: VN064955.D

Acq: 7 Dec 2020 19:12

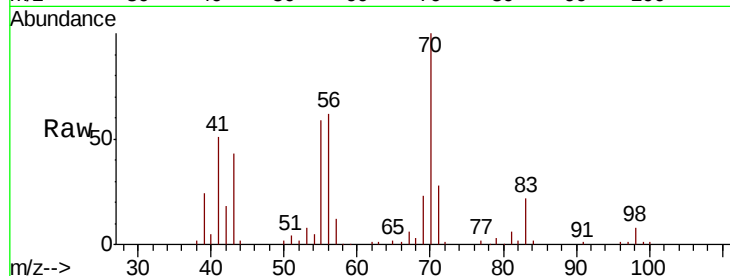
Tot Ion: 43 Resp: 47393

Ion Ratio Lower Upper

43 100

61 0.0 17.2 25.8#

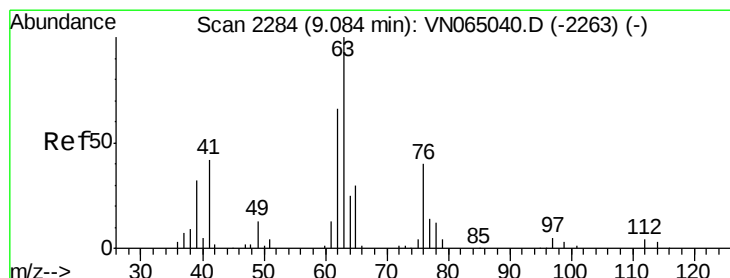
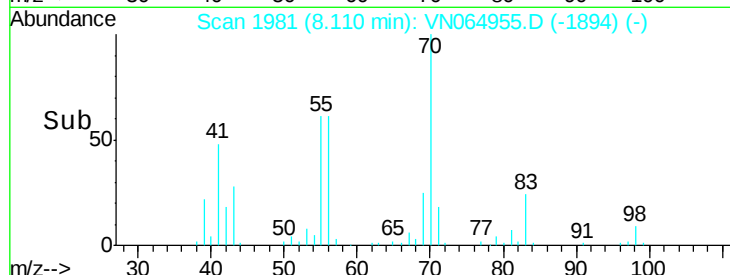
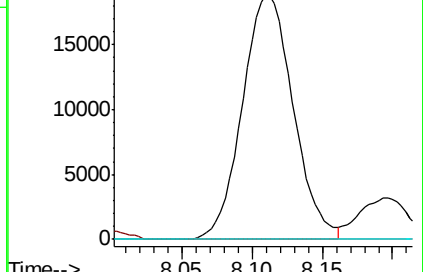
87 0.0 11.4 17.0#



Abundance Ion 43.00 (42.70 to 43.70): VN064955.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN064955.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN064955.D (-1894) (-)



#45

1,2-Dichloropropane

Concen: 4.050 ug/l

RT: 9.05 min Scan# 2272

Delta R.T. -0.04 min

Lab File: VN064955.D

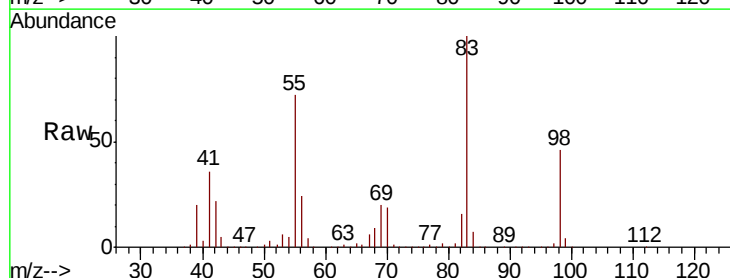
Acq: 7 Dec 2020 19:12

Tgt Ion: 63 Resp: 9582

Ion Ratio Lower Upper

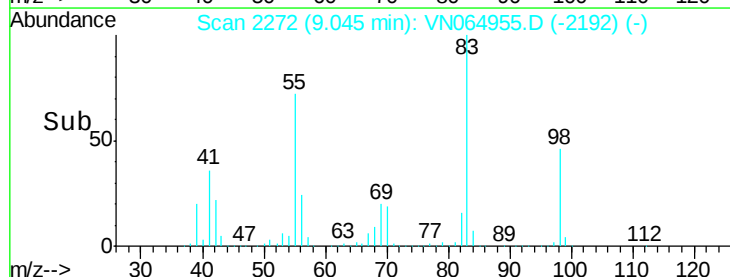
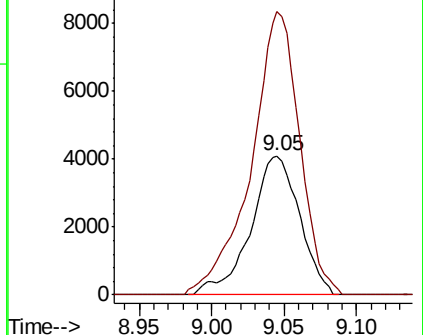
63 100

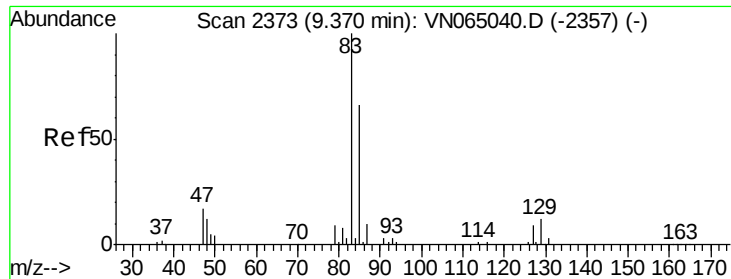
65 199.1 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VN064955.D (-2192) (-)

Ion 64.90 (64.60 to 65.60): VN064955.D (-2192) (-)





#47

Bromodichloromethane

Concen: 1.204 ug/l

RT: 9.48 min Scan# 2406

Delta R.T. 0.11 min

Lab File: VN064955.D

Acq: 7 Dec 2020 19:12

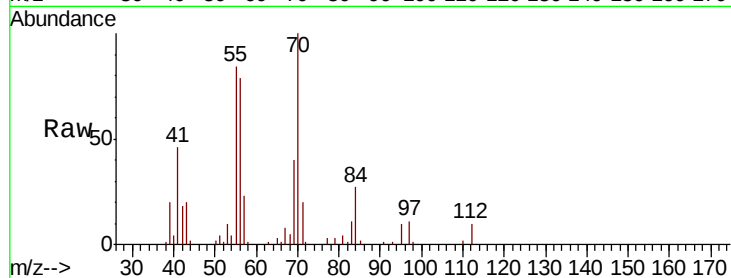
Tot Ion: 83 Resp: 3830

Ion Ratio Lower Upper

83 100

85 17.6 51.8 77.8#

127 0.0 6.8 10.2#

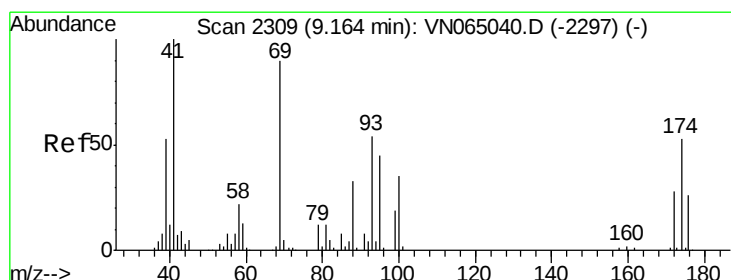
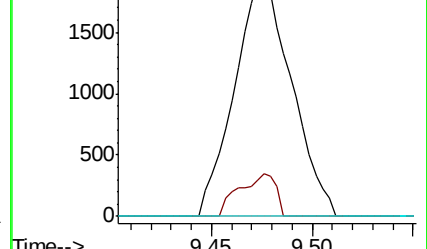
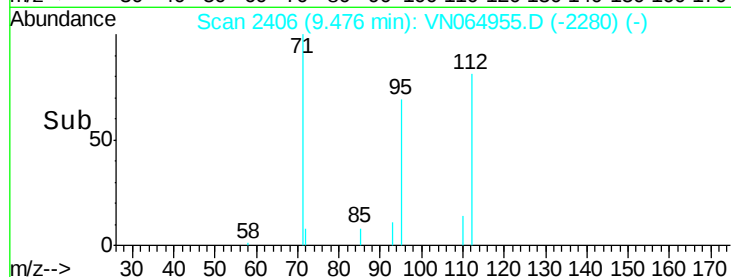


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0

Time-->



#48

Methyl methacrylate

Concen: 16.147 ug/l

RT: 9.23 min Scan# 2331

Delta R.T. 0.07 min

Lab File: VN064955.D

Acq: 7 Dec 2020 19:12

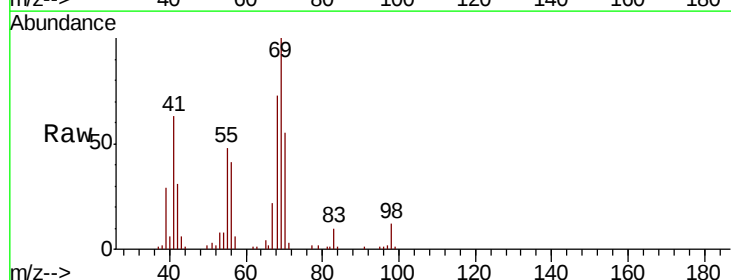
Tgt Ion: 41 Resp: 35656

Ion Ratio Lower Upper

41 100

69 168.8 71.8 107.8#

39 47.2 44.1 66.1

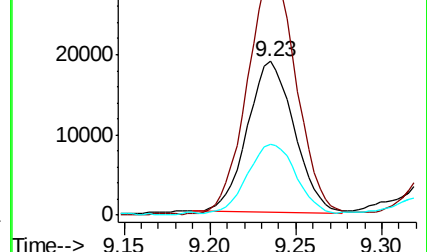
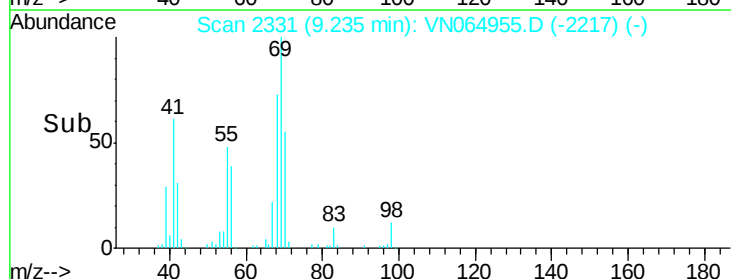


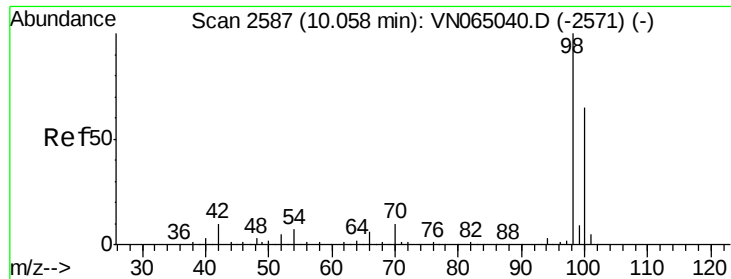
Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Time-->





#50

Toluene-d8

Concen: 54.318 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064955.D

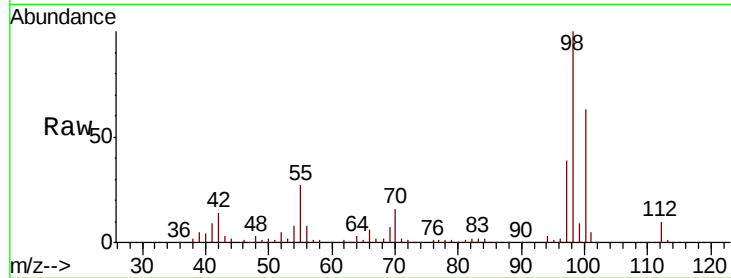
Acq: 7 Dec 2020 19:12

Tot Ion: 98 Resp: 427173

Ion Ratio Lower Upper

98 100

100 62.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN065040.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN065040.D (-2571) (-)

10.06

250000

200000

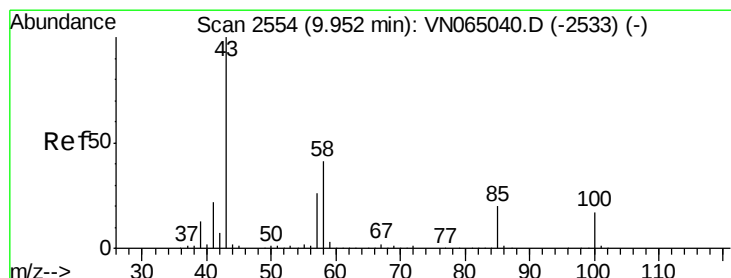
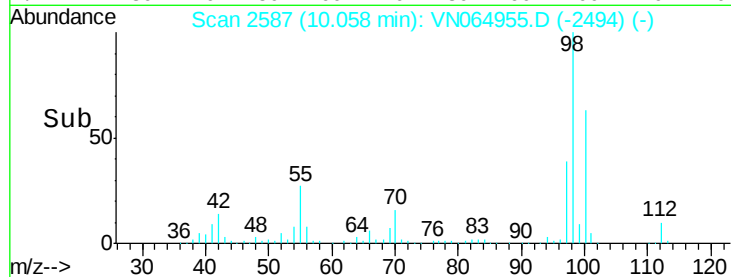
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.835 ug/l

RT: 9.96 min Scan# 2556

Delta R.T. 0.01 min

Lab File: VN064955.D

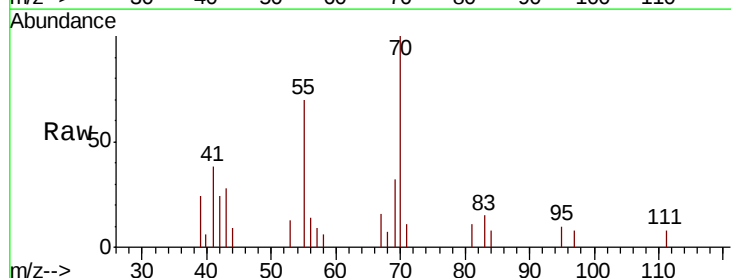
Acq: 7 Dec 2020 19:12

Tgt Ion: 43 Resp: 2318

Ion Ratio Lower Upper

43 100

58 7.8 32.4 48.6#



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

Ion 58.00 (57.70 to 58.70): VN065040.D (-2533) (-)

4000

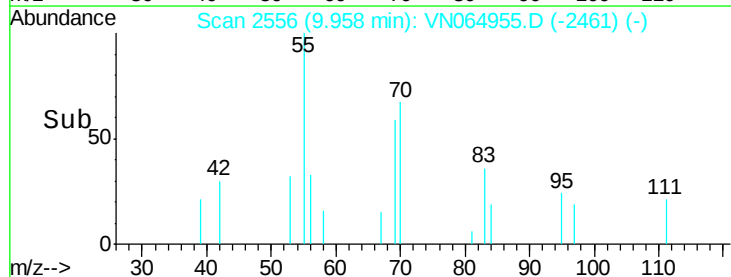
3000

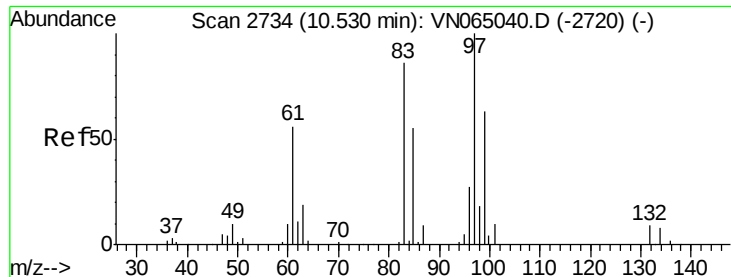
2000

1000

0

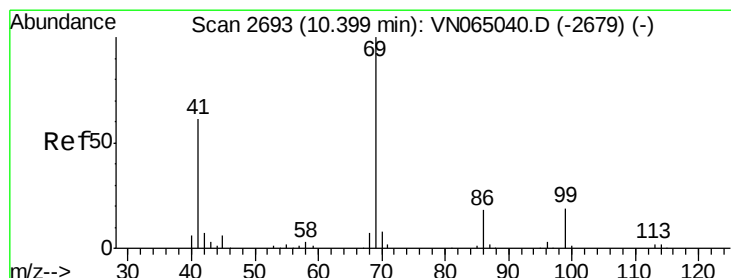
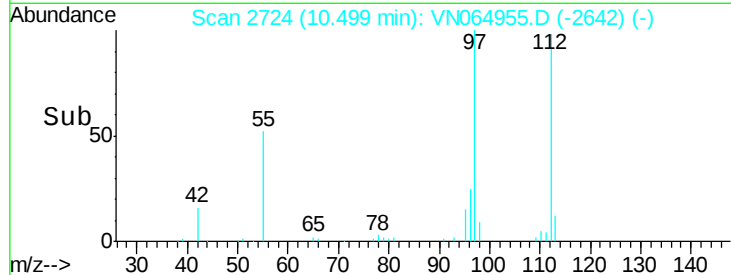
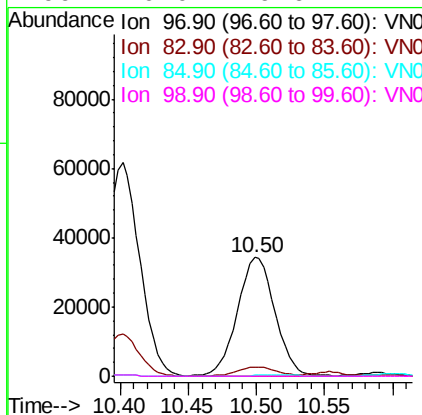
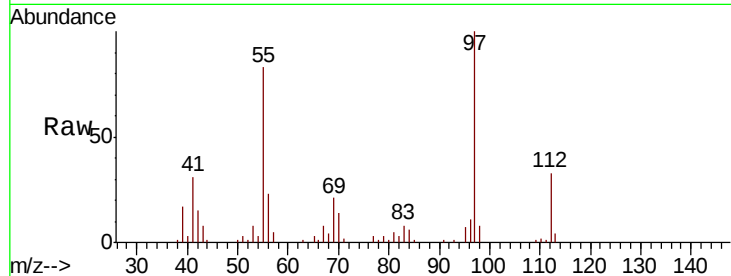
Time-->





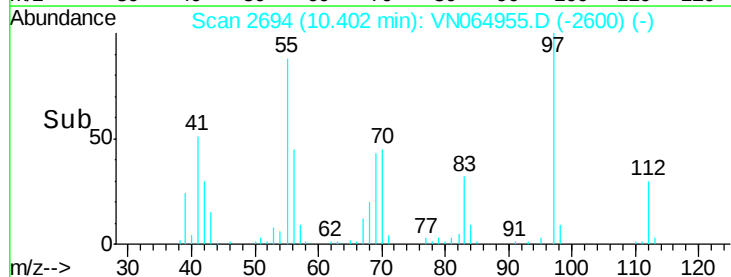
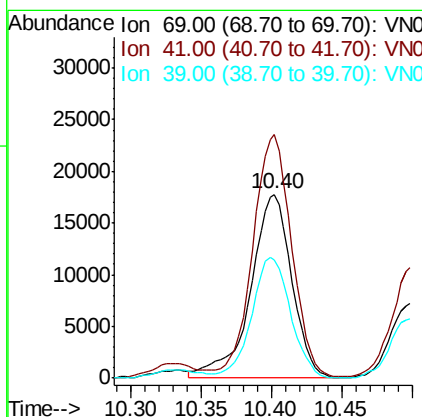
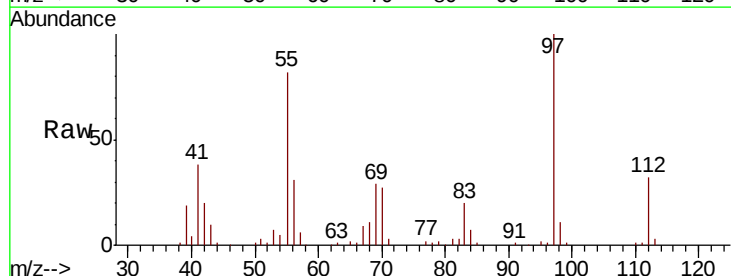
#55
 1,1,2-Trichloroethane
 Concen: 28.411 ug/l
 RT: 10.50 min Scan# 2724
 Delta R.T. -0.04 min
 Lab File: VN064955.D
 Acq: 7 Dec 2020 19:12

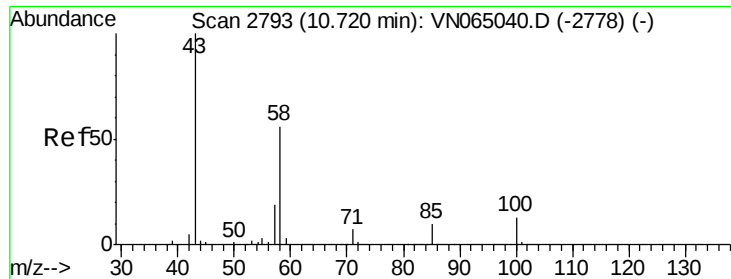
Tot Ion: 97 Resp: 65735
 Ion Ratio Lower Upper
 97 100
 83 7.9 72.1 108.1#
 85 0.6 46.8 70.2#
 99 0.0 49.6 74.4#



#56
 Ethyl methacrylate
 Concen: 11.393 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN064955.D
 Acq: 7 Dec 2020 19:12

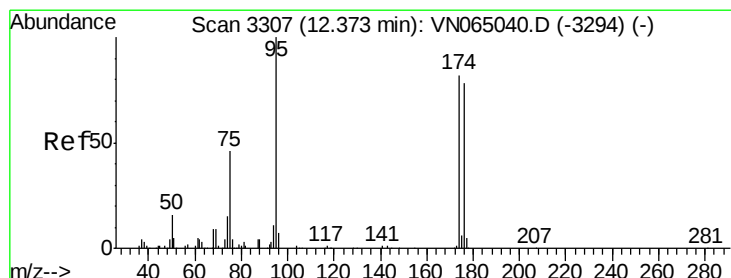
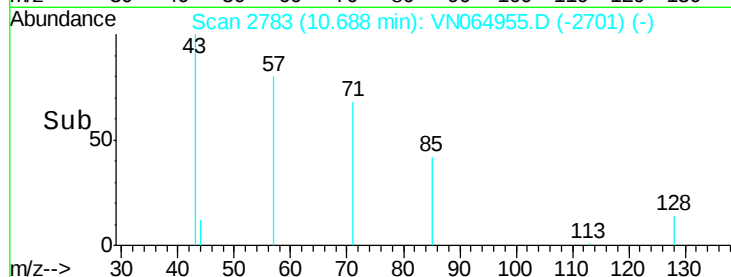
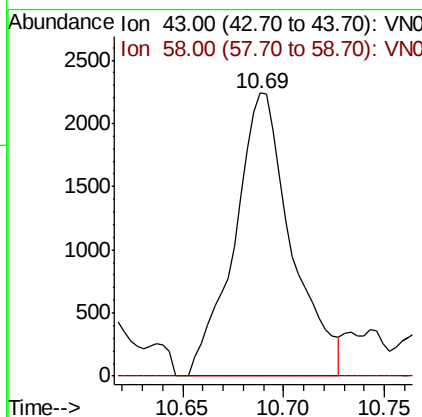
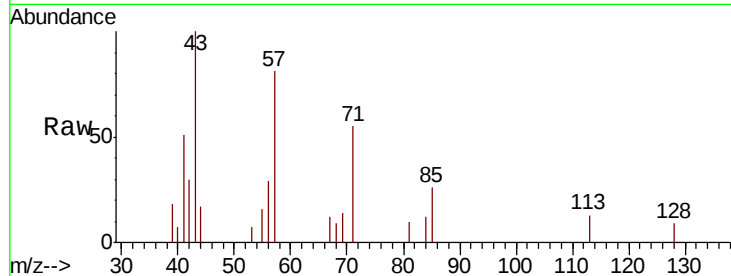
Tgt Ion: 69 Resp: 36375
 Ion Ratio Lower Upper
 69 100
 41 122.1 49.4 74.0#
 39 61.9 25.9 38.9#





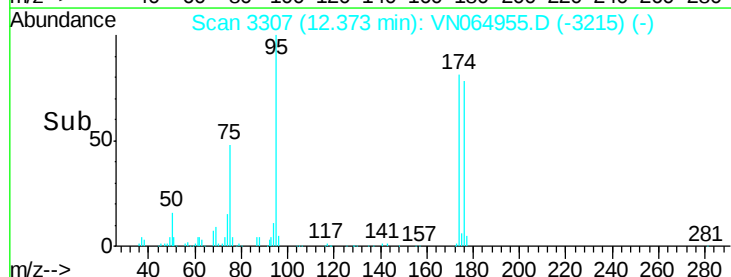
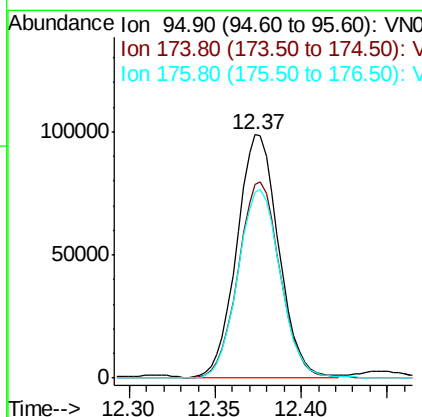
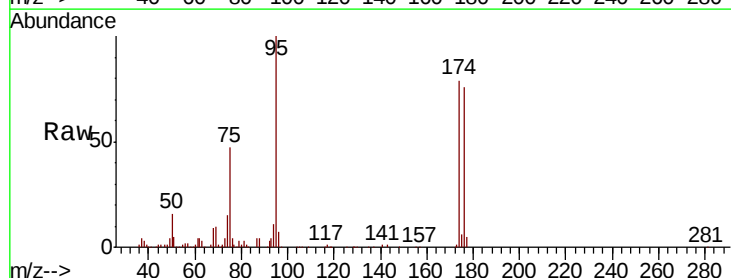
#59
2-Hexanone
Concen: 2.211 ug/l
RT: 10.69 min Scan# 2783
Delta R.T. -0.04 min
Lab File: VN064955.D
Acq: 7 Dec 2020 19:12

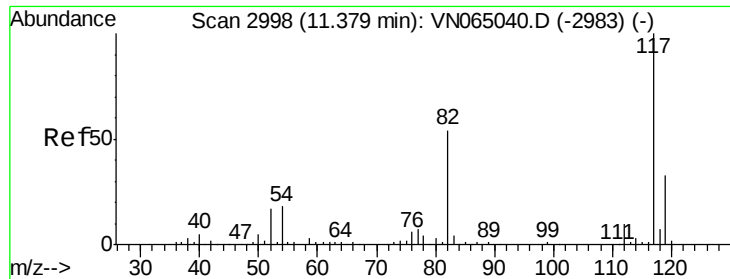
Tot Ion: 43 Resp: 4415
Ion Ratio Lower Upper
43 100
58 0.0 28.3 84.9#



#62
4-Bromofluorobenzene
Concen: 59.009 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN064955.D
Acq: 7 Dec 2020 19:12

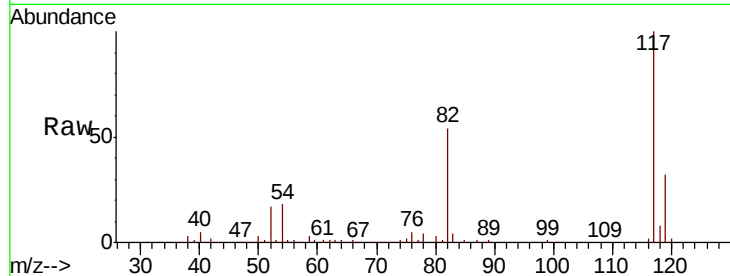
Tgt Ion: 95 Resp: 166079
Ion Ratio Lower Upper
95 100
174 81.3 0.0 160.4
176 79.0 0.0 158.4



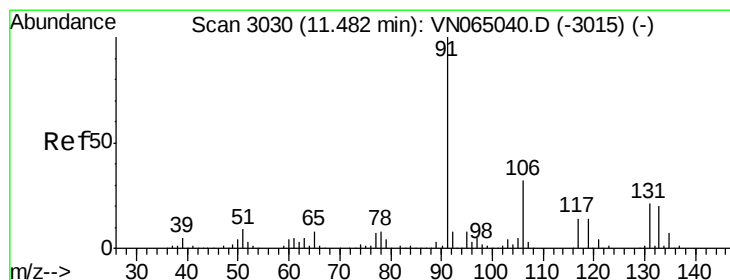
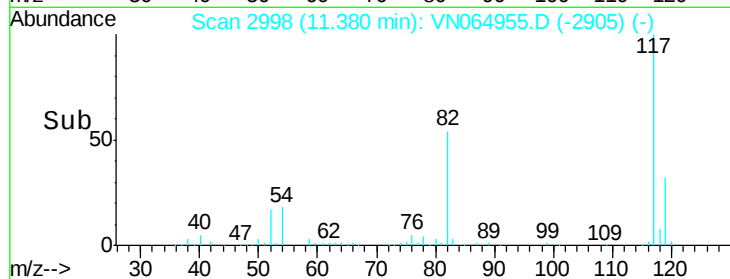
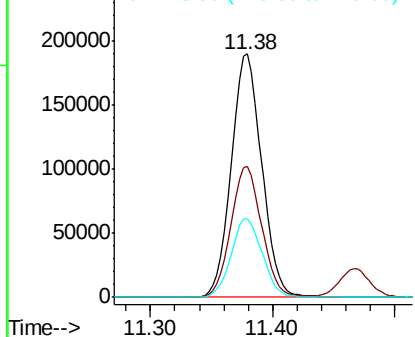


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064955.D
Acq: 7 Dec 2020 19:12

Tot Ion:117 Resp: 331028
Ion Ratio Lower Upper
117 100
82 53.4 44.2 66.2
119 32.4 25.8 38.6

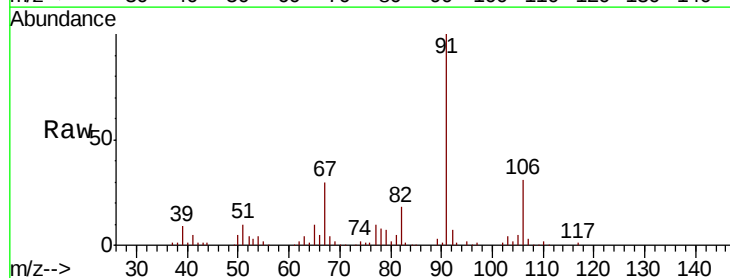


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

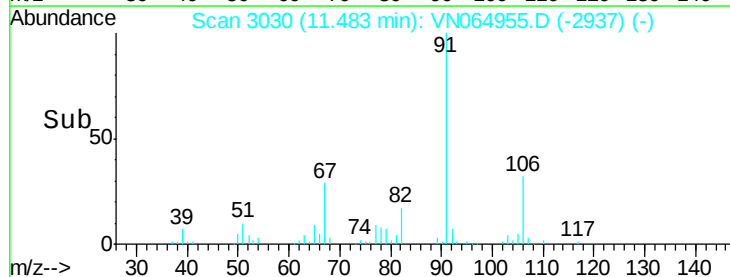
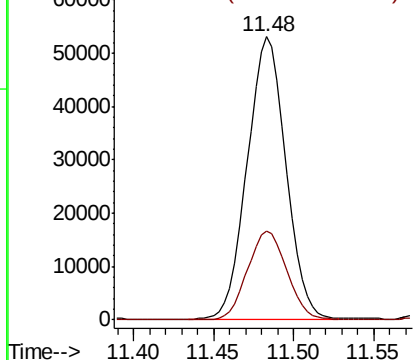


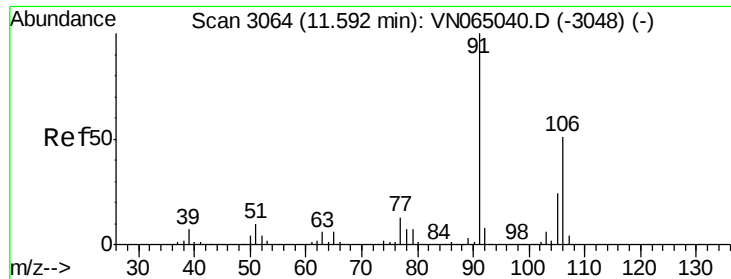
#67
Ethyl Benzene
Concen: 7.447 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064955.D
Acq: 7 Dec 2020 19:12

Tgt Ion: 91 Resp: 88433
Ion Ratio Lower Upper
91 100
106 31.4 25.2 37.8



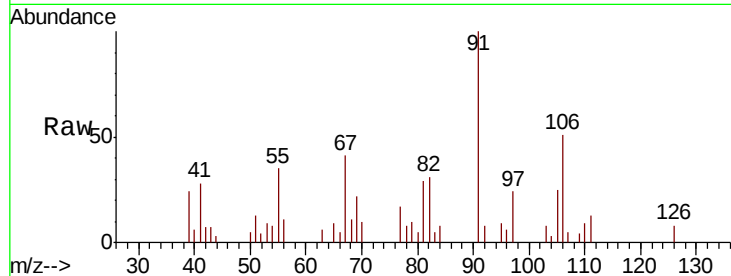
Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 106.00 (105.70 to 106.70): V



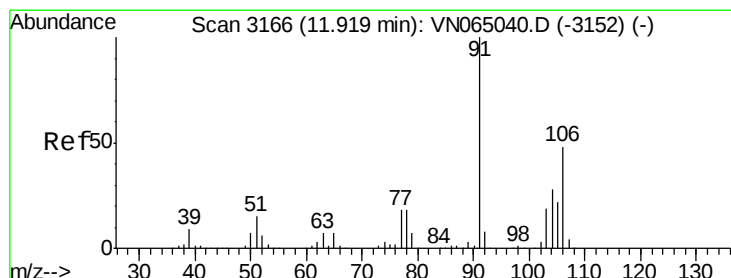
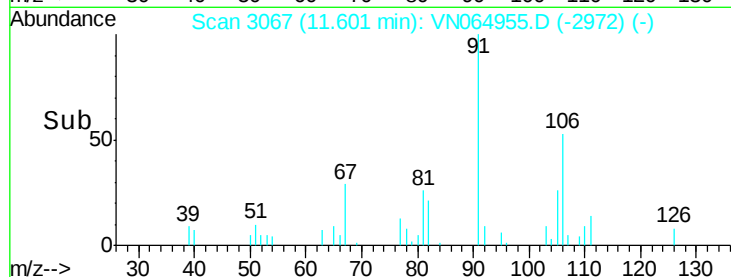
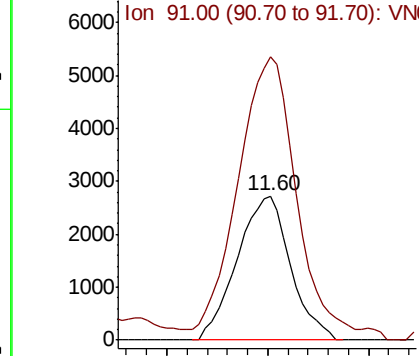


#68
m/p-Xvlenes
Concen: 1.117 ug/l
RT: 11.60 min Scan# 3067
Delta R.T. 0.01 min
Lab File: VN064955.D
Acq: 7 Dec 2020 19:12

Tot Ion:106 Resp: 5023
Ion Ratio Lower Upper
106 100
91 220.9 161.0 241.4

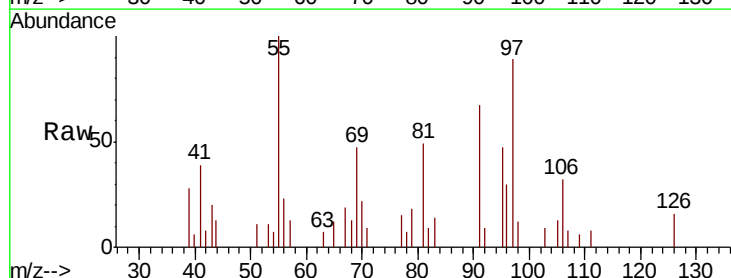


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

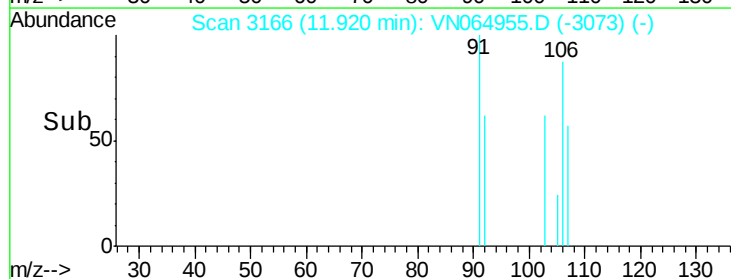
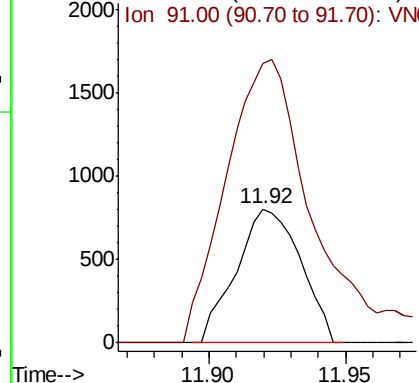


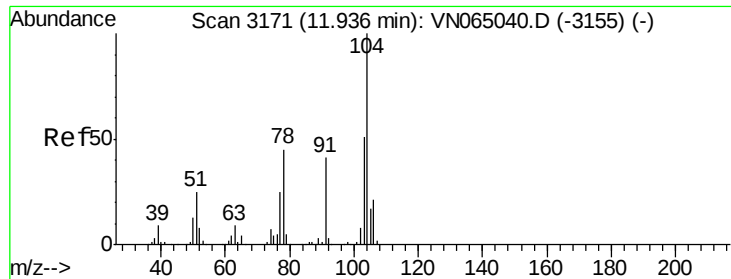
#69
o-Xylene
Concen: 0.308 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064955.D
Acq: 7 Dec 2020 19:12

Tgt Ion:106 Resp: 1316
Ion Ratio Lower Upper
106 100
91 284.6 105.5 316.5



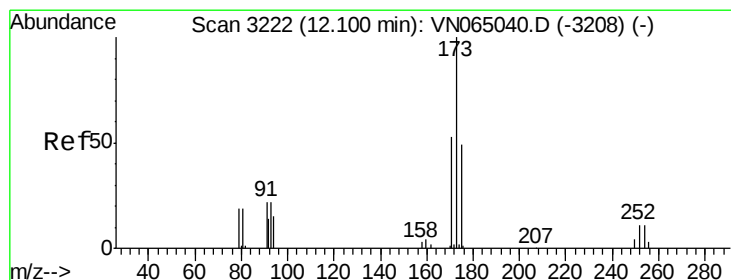
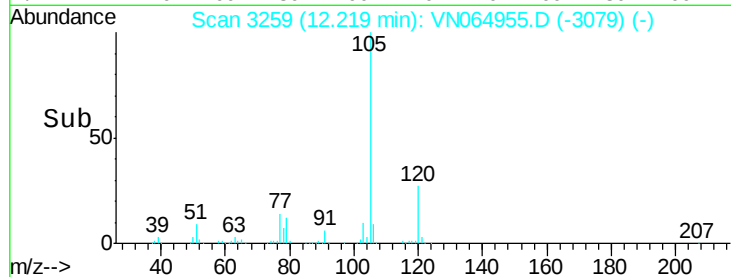
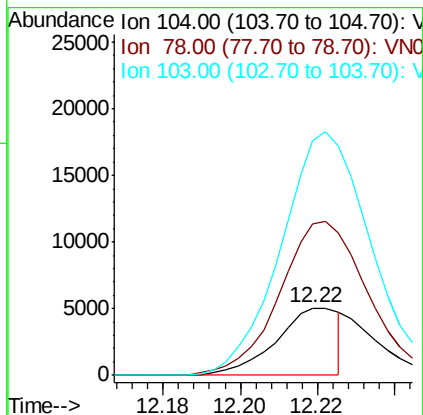
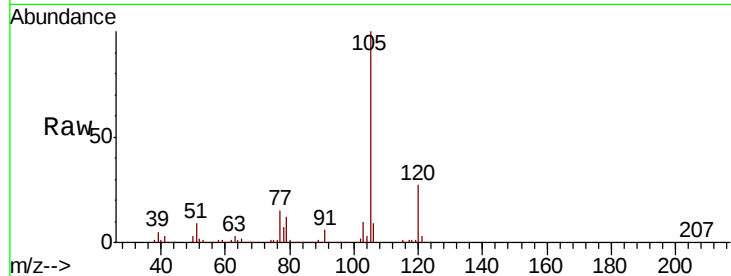
Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





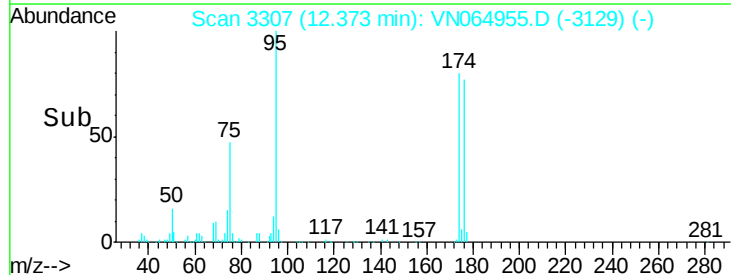
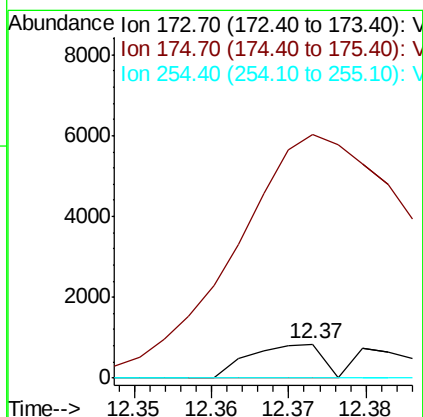
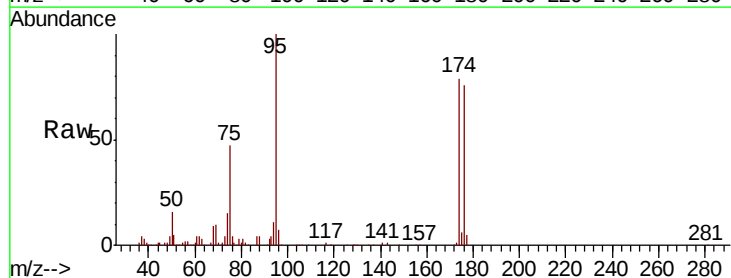
#70
Stvrene
Concen: 0.796 ug/l
RT: 12.22 min Scan# 3259
Delta R.T. 0.28 min
Lab File: VN064955.D
Acq: 7 Dec 2020 19:12

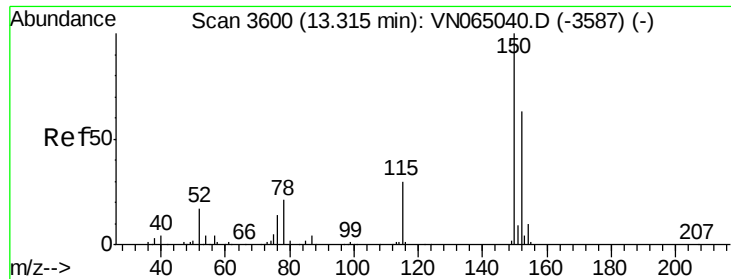
Tot Ion:104 Resp: 5735
Ion Ratio Lower Upper
104 100
78 217.8 39.0 58.6#
103 339.4 44.3 66.5#



#71
Bromoform
Concen: 0.256 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. 0.27 min
Lab File: VN064955.D
Acq: 7 Dec 2020 19:12

Tgt Ion:173 Resp: 535
Ion Ratio Lower Upper
173 100
175 1624.3 24.3 72.8#
254 0.0 0.0 0.0

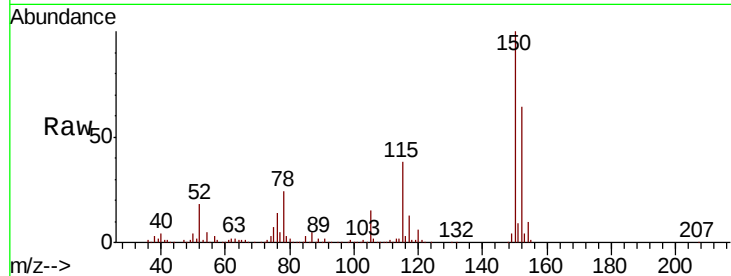




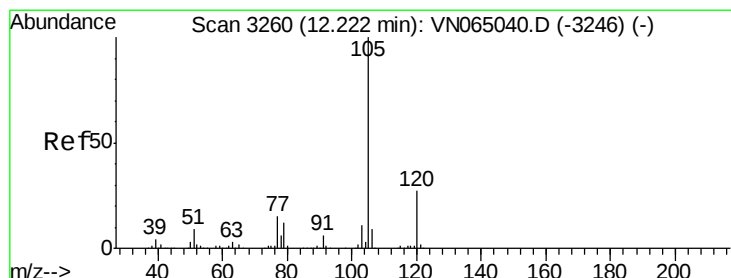
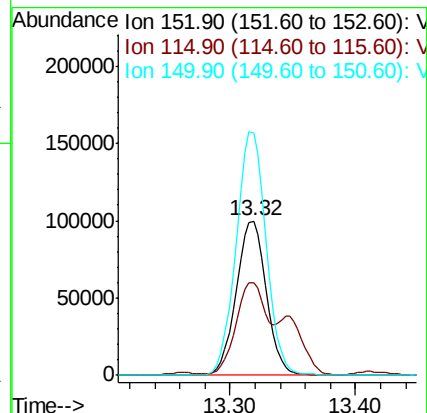
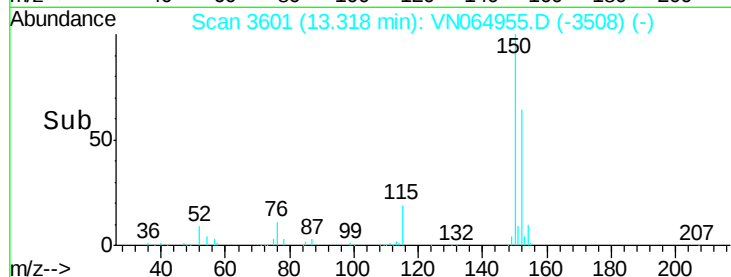
#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064955.D
Acq: 7 Dec 2020 19:12

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.2	29.7	89.1
150	157.1	0.0	350.6



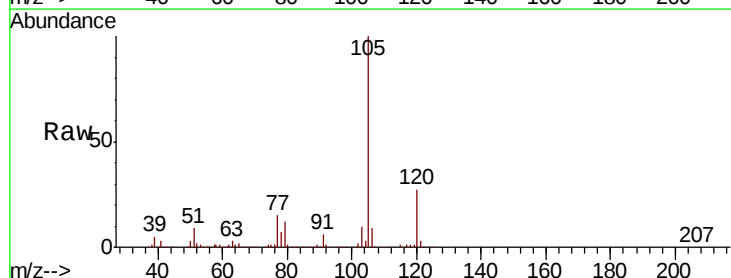
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



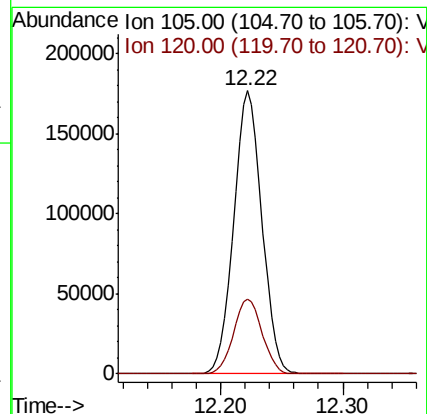
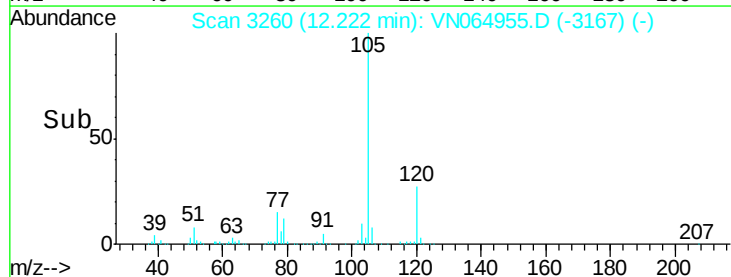
#73

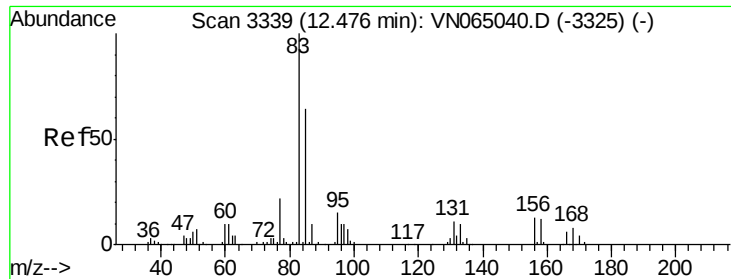
Isopropylbenzene
Concen: 24.472 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064955.D
Acq: 7 Dec 2020 19:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.3	39.9



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





#75

1,1,2,2-Tetrachloroethane

Concen: 0.260 ug/l

RT: 12.44 min Scan# 3329

Delta R.T. -0.04 min

Lab File: VN064955.D

Acq: 7 Dec 2020 19:12

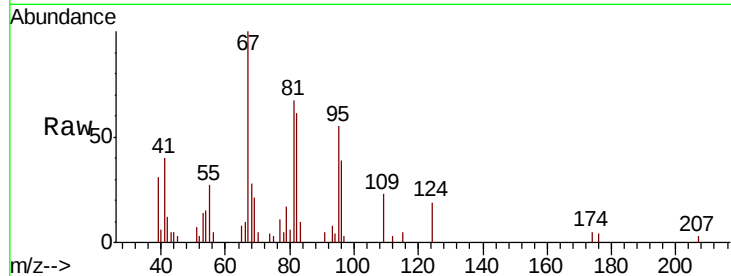
Tot Ion: 83 Resp: 883

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

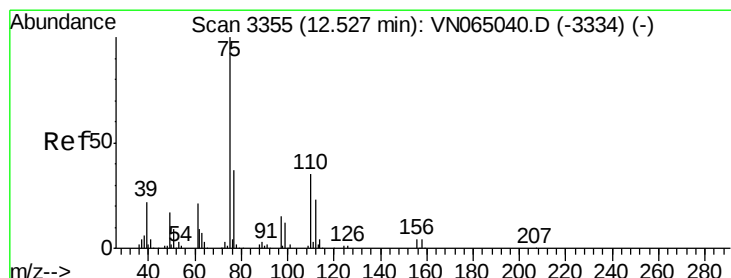
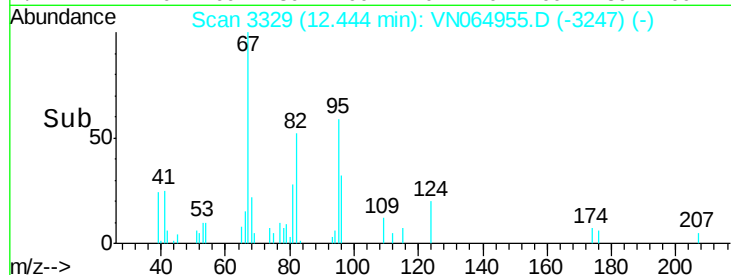
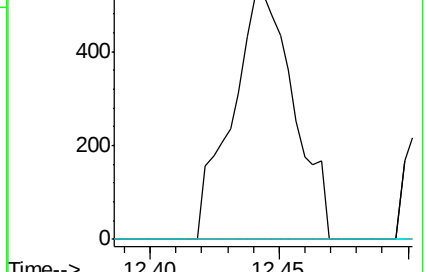
85 0.0 33.0 99.0#



Abundance Ion 82.90 (82.60 to 83.60): VN064955.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN064955.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN064955.D (-3325) (-)



#76

1,2,3-Trichloropropane

Concen: 21.548 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN064955.D

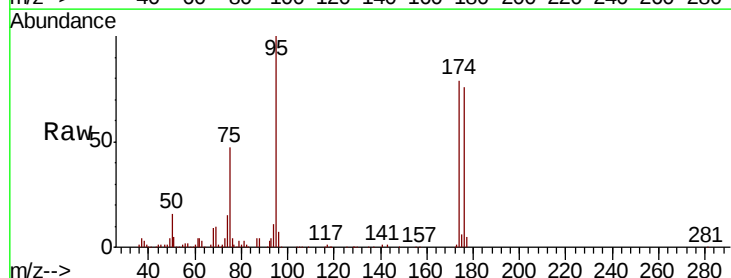
Acq: 7 Dec 2020 19:12

Tgt Ion: 75 Resp: 77445

Ion Ratio Lower Upper

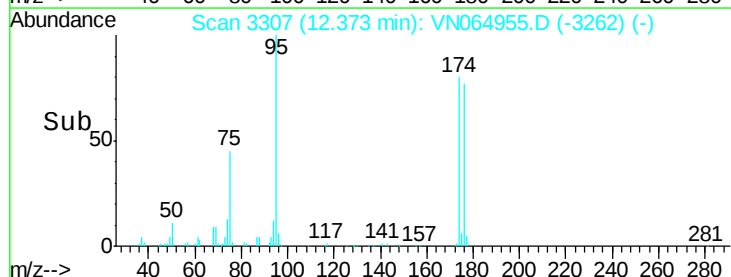
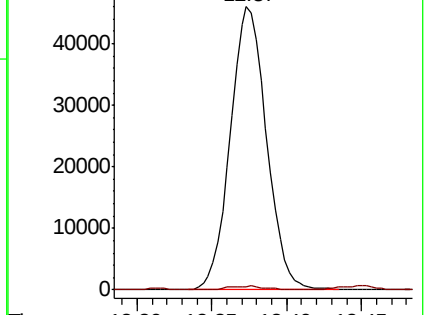
75 100

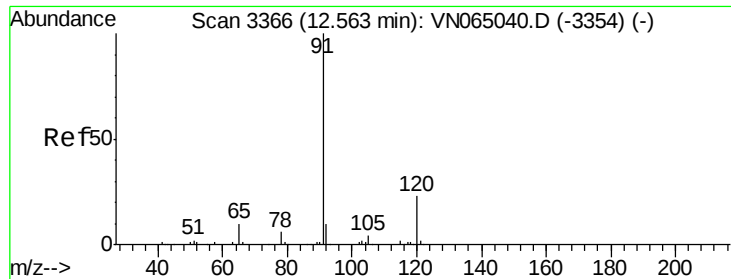
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN064955.D (-3307) (-)

Ion 77.00 (76.70 to 77.70): VN064955.D (-3307) (-)





#78

n-propylbenzene

Concen: 28.003 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064955.D

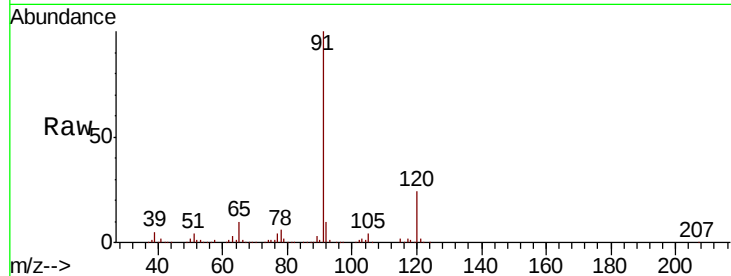
Acq: 7 Dec 2020 19:12

Tot Ion: 91 Resp: 370316

Ion Ratio Lower Upper

91 100

120 23.6 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

250000

200000

150000

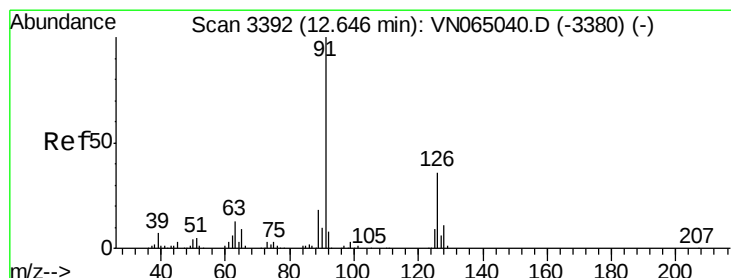
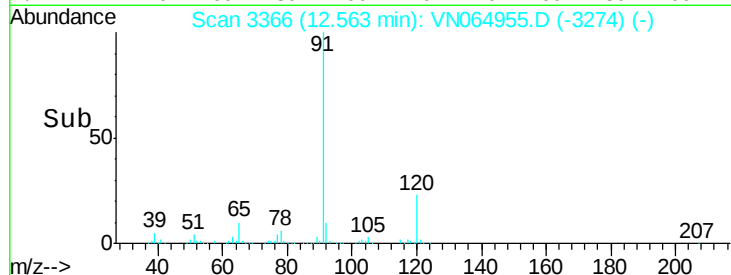
100000

50000

0

Time-->

12.50 12.60



#79

2-Chlorotoluene

Concen: 45.302 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.09 min

Lab File: VN064955.D

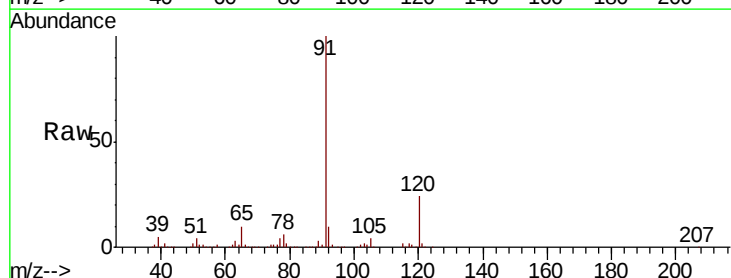
Acq: 7 Dec 2020 19:12

Tgt Ion: 91 Resp: 370316

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) (-)

12.56

250000

200000

150000

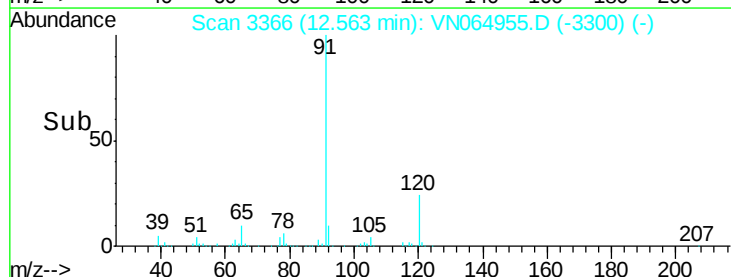
100000

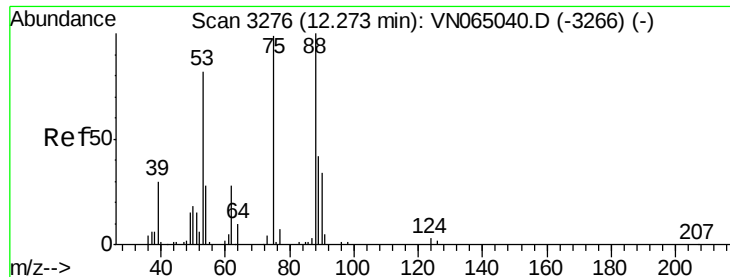
50000

0

Time-->

12.50 12.60





#81

trans-1,4-Dichloro-2-butene

Concen: 2.357 ug/l

RT: 12.22 min Scan# 3259

Delta R.T. -0.05 min

Lab File: VN064955.D

Acq: 7 Dec 2020 19:12

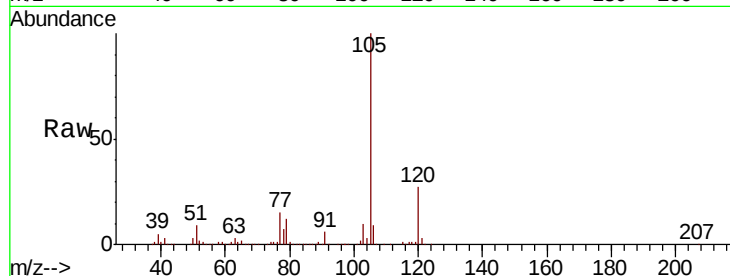
Tot Ion: 75 Resp: 3091

Ion Ratio Lower Upper

75 100

53 101.7 67.0 100.4#

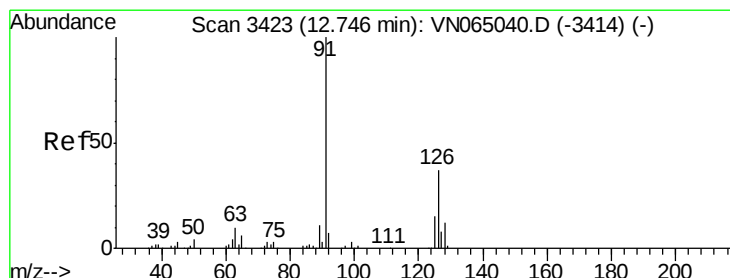
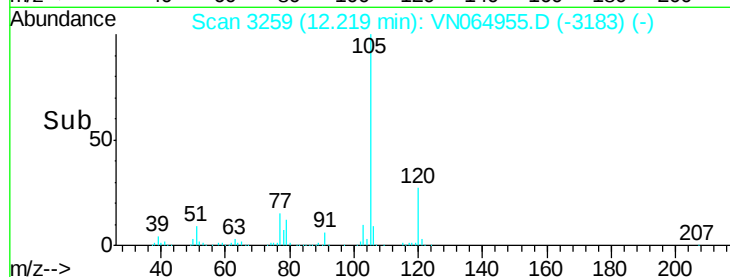
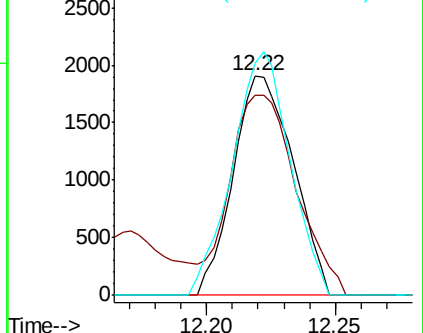
89 106.5 39.6 59.4#



Abundance Ion 74.90 (74.60 to 75.60): VN064955.D (-3183) (-)

Ion 53.00 (52.70 to 53.70): VN064955.D (-3183) (-)

Ion 88.90 (88.60 to 89.60): VN064955.D (-3183) (-)



#82

4-Chlorotoluene

Concen: 43.219 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.18 min

Lab File: VN064955.D

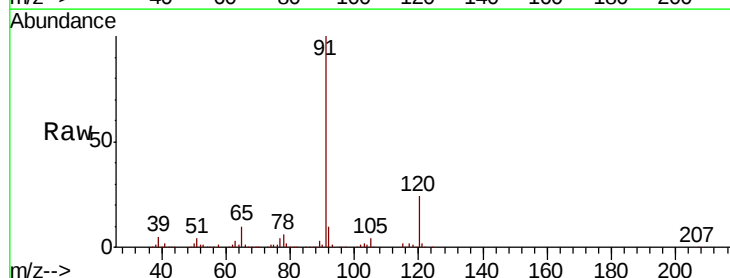
Acq: 7 Dec 2020 19:12

Tgt Ion: 91 Resp: 370316

Ion Ratio Lower Upper

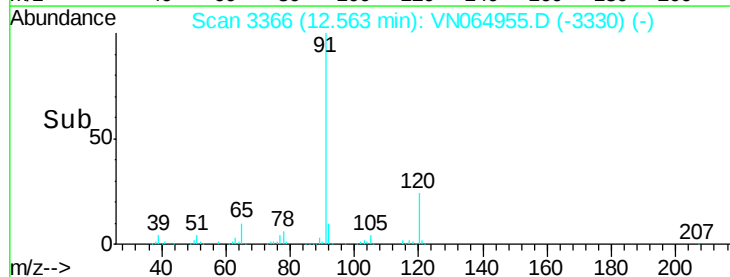
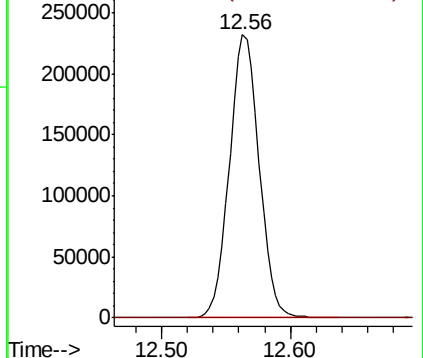
91 100

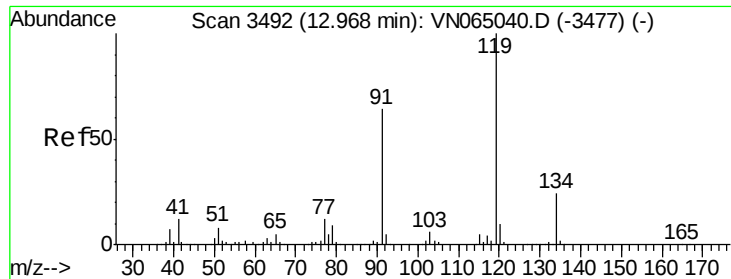
126 0.0 16.9 50.7#



Abundance Ion 91.00 (90.70 to 91.70): VN064955.D (-3330) (-)

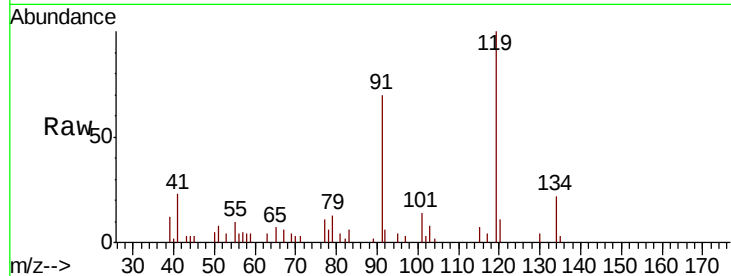
Ion 125.90 (125.60 to 126.60): VN064955.D (-3330) (-)



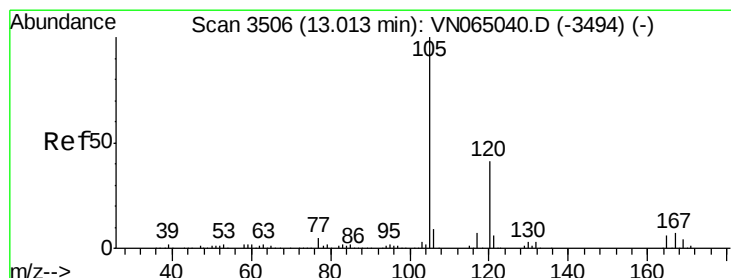
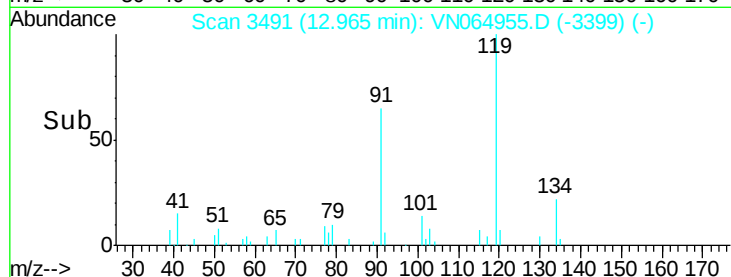
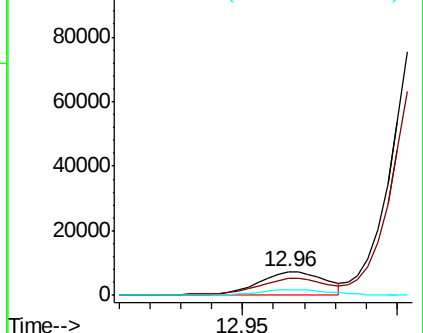


#83
tert-Butylbenzene
Concen: 1.370 ug/l
RT: 12.96 min Scan# 3491
Delta R.T. -0.00 min
Lab File: VN064955.D
Acq: 7 Dec 2020 19:12

Tot Ion:119 Resp: 11081
Ion Ratio Lower Upper
119 100
91 71.2 32.3 96.8
134 24.9 12.6 37.6

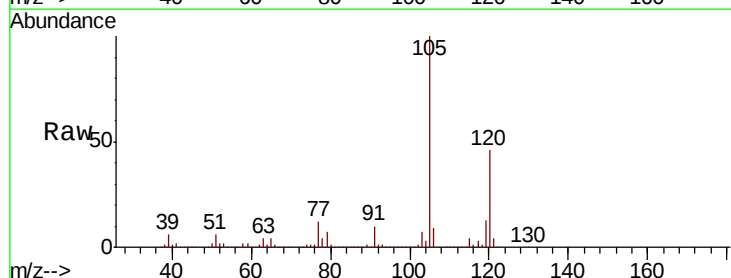


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

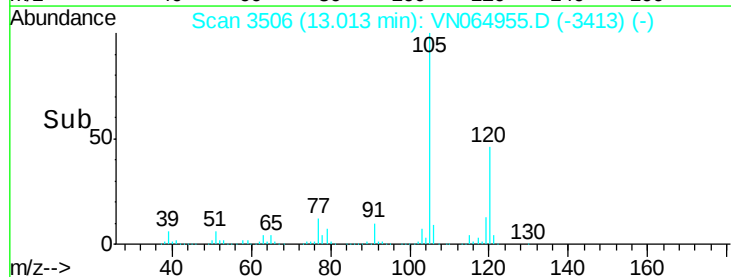
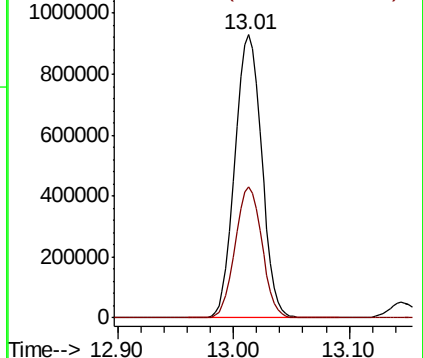


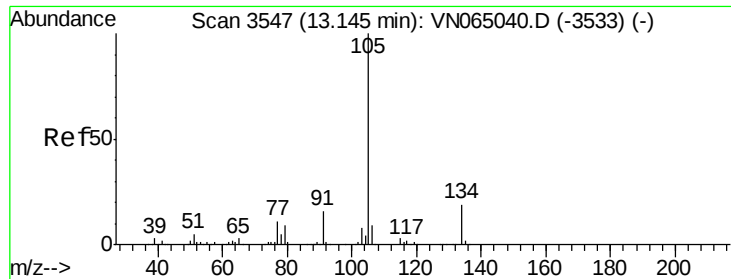
#84
1,2,4-Trimethylbenzene
Concen: 151.906 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064955.D
Acq: 7 Dec 2020 19:12

Tgt Ion:105 Resp: 1481918
Ion Ratio Lower Upper
105 100
120 46.3 23.1 69.2



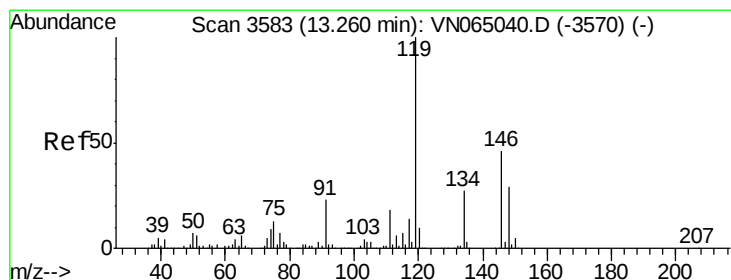
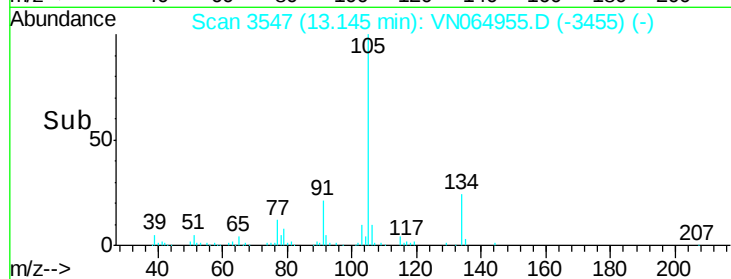
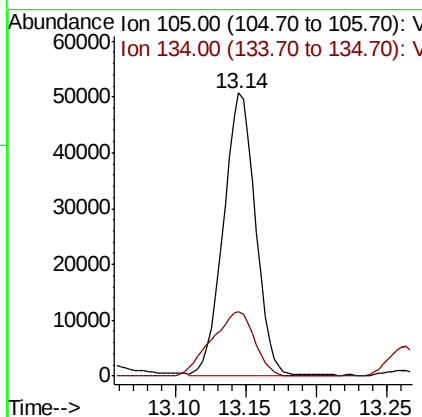
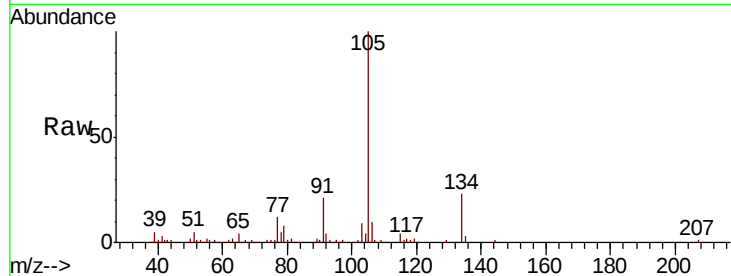
Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





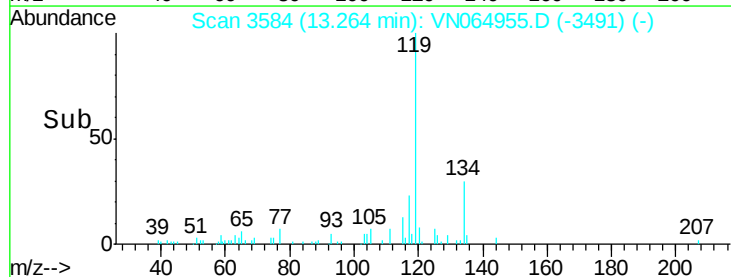
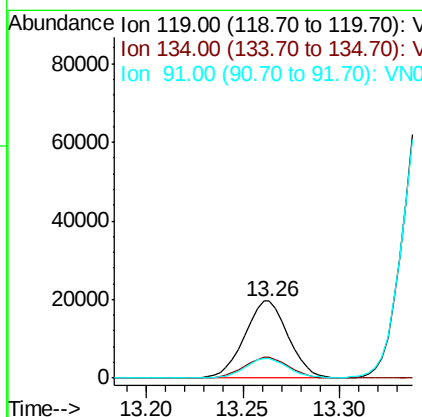
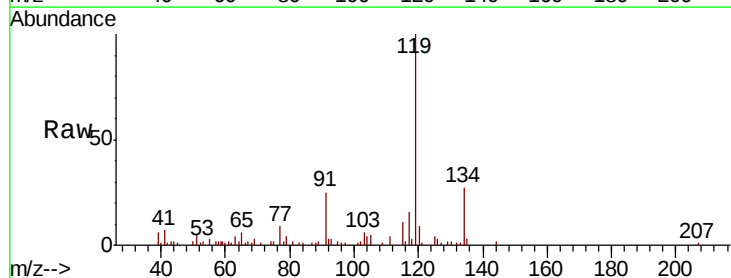
#85
 sec-Butylbenzene
 Concen: 7.446 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064955.D
 Acq: 7 Dec 2020 19:12

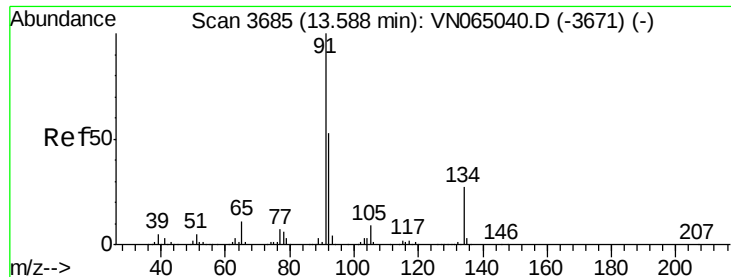
Tot Ion:105 Resp: 79957
 Ion Ratio Lower Upper
 105 100
 134 30.4 10.1 30.1#



#86
 p-Isopropyltoluene
 Concen: 3.138 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064955.D
 Acq: 7 Dec 2020 19:12

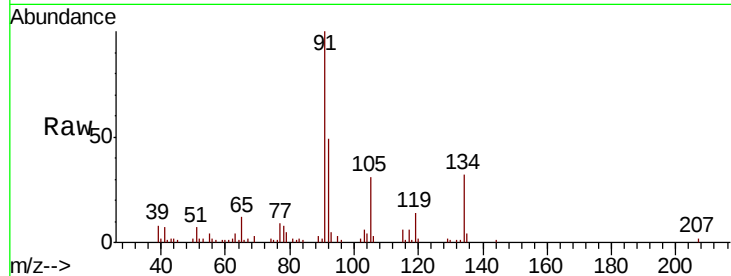
Tgt Ion:119 Resp: 30682
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.1 39.1
 91 25.4 11.5 34.5



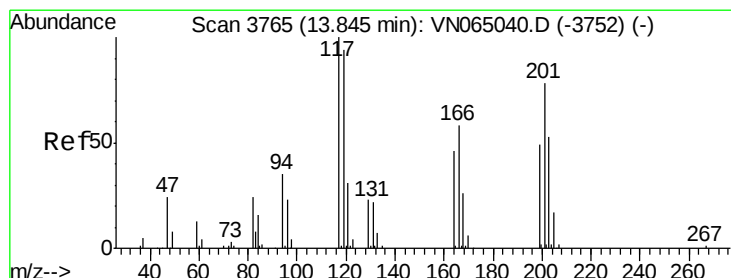
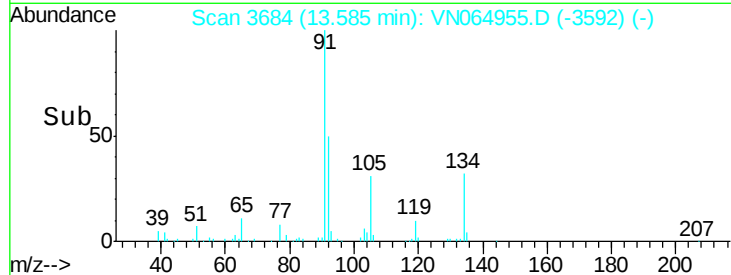
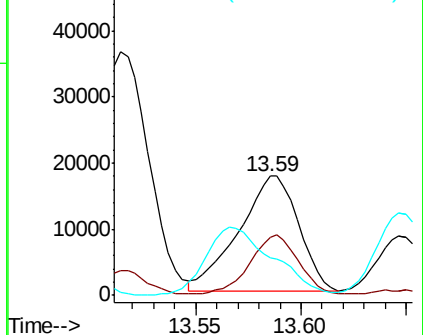


#89
n-Butylbenzene
Concen: 3.950 ug/l
RT: 13.59 min Scan# 3684
Delta R.T. -0.00 min
Lab File: VN064955.D
Acq: 7 Dec 2020 19:12

Tot Ion: 91 Resp: 33916
Ion Ratio Lower Upper
91 100
92 41.7 26.0 78.0
134 0.0 12.9 38.6#

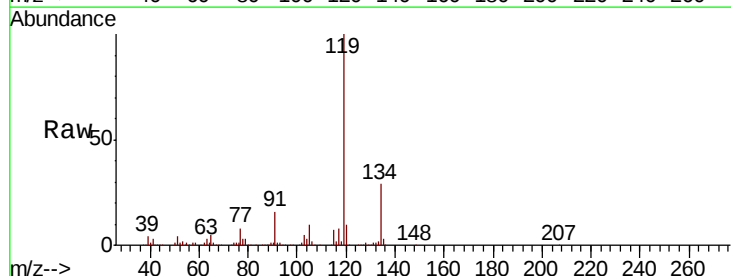


Abundance Ion 91.00 (90.70 to 91.70): VN065040.D (-3671) (-)
Ion 92.00 (91.70 to 92.70): VN065040.D (-3671) (-)
Ion 134.00 (133.70 to 134.70): VN065040.D (-3671) (-)

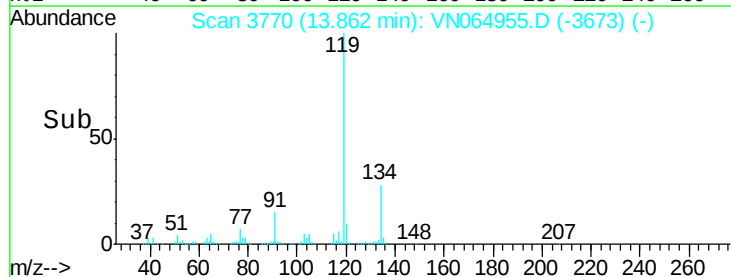
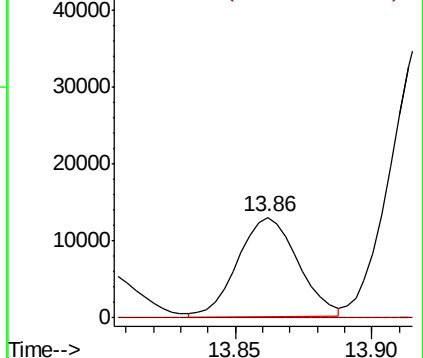


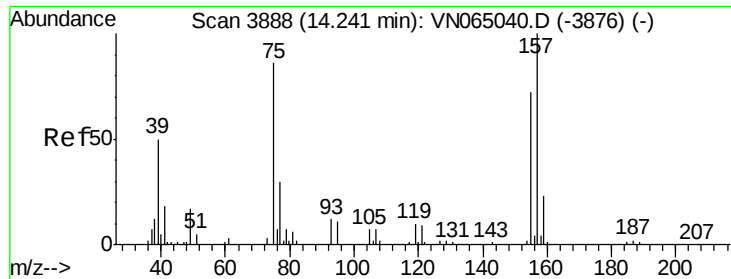
#90
Hexachloroethane
Concen: 11.642 ug/l
RT: 13.86 min Scan# 3770
Delta R.T. 0.01 min
Lab File: VN064955.D
Acq: 7 Dec 2020 19:12

Tgt Ion: 117 Resp: 19772
Ion Ratio Lower Upper
117 100
201 0.0 40.1 120.3#



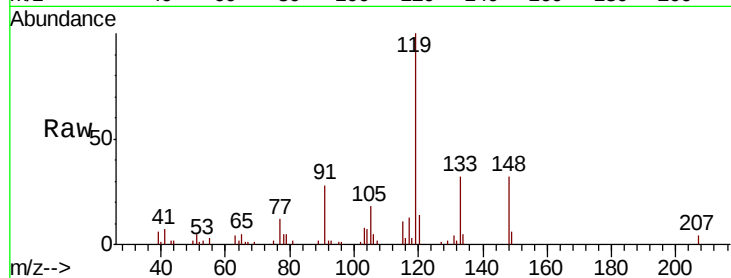
Abundance Ion 116.80 (116.50 to 117.50): VN065040.D (-3752) (-)
Ion 200.70 (200.40 to 201.40): VN065040.D (-3752) (-)



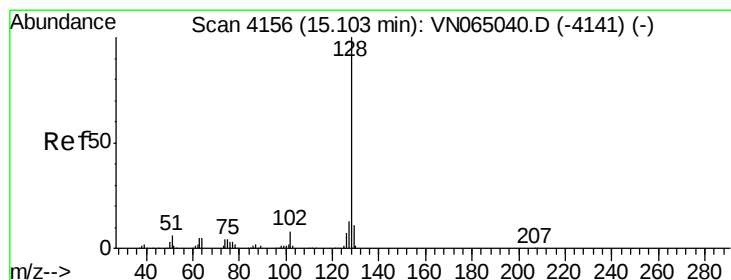
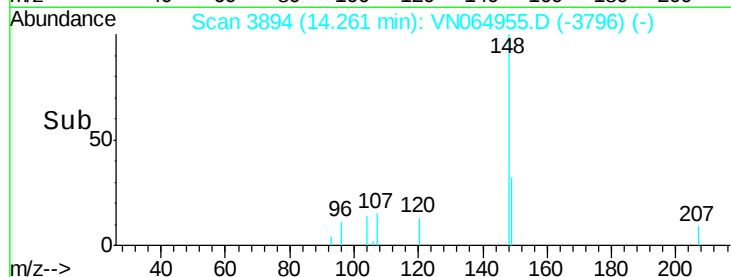
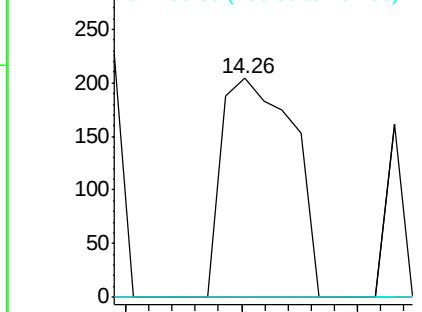


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.227 ug/l
 RT: 14.26 min Scan# 3894
 Delta R.T. 0.02 min
 Lab File: VN064955.D
 Acq: 7 Dec 2020 19:12

Tot Ion: 75 Resp: 174
 Ion Ratio Lower Upper
 75 100
 155 0.0 42.8 128.3#
 157 0.0 56.4 169.1#

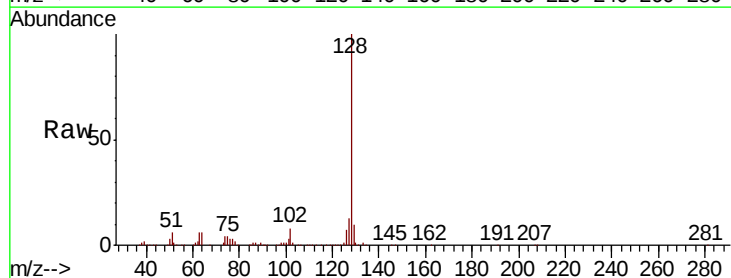


Abundance Ion 74.90 (74.60 to 75.60): VN065040.D (-3876) (-)
 Ion 154.80 (154.50 to 155.50): VN065040.D (-3876) (-)
 Ion 156.80 (156.50 to 157.50): VN065040.D (-3876) (-)



#95
 Naphthalene
 Concen: 38.374 ug/l
 RT: 15.10 min Scan# 4156
 Delta R.T. 0.00 min
 Lab File: VN064955.D
 Acq: 7 Dec 2020 19:12

Tgt Ion: 128 Resp: 388263
 Ion Ratio Lower Upper
 128 100
 127 12.2 10.3 15.5
 129 10.5 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) (-)

