

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120720\
 Data File : VN064943.D
 Acq On : 7 Dec 2020 14:23
 Operator : JC/MD
 Sample : L4954-12RE
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 15 04:07:02 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	198708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	338285	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	352692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	175116	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	108224	46.85	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.70%
35) Dibromofluoromethane	7.55	113	102161	50.47	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.94%
50) Toluene-d8	10.06	98	442184	53.46	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.92%
62) 4-Bromofluorobenzene	12.37	95	175354	59.24	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	118.48%

Target Compounds

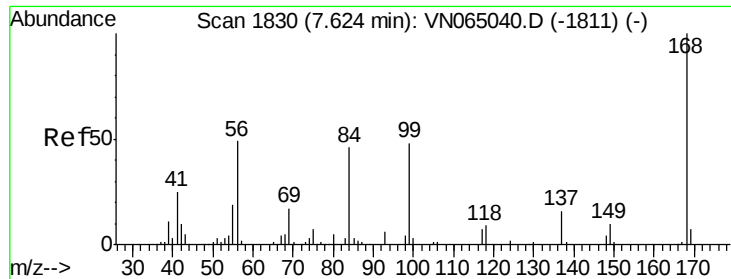
					Qvalue	
3) Chloromethane	2.04	50	927	0.414	ug/l	96
13) Acrolein	3.75	56	21491	97.661	ug/l #	78
14) Allyl chloride	4.37	41	3908	1.230	ug/l #	65
15) Acrylonitrile	4.99	53	17683	17.767	ug/l #	47
16) Acetone	3.76	43	61498	80.982	ug/l #	54
18) Methyl Acetate	4.49	43	123317	54.011	ug/l #	50
20) Methylene Chloride	4.50	84	1338	0.562	ug/l #	1
25) 2-Butanone	6.77	43	3357	2.727	ug/l #	49
26) 2,2-Dichloropropane	6.59	77	6937	2.104	ug/l #	52
29) Tetrahydrofuran	7.35	42	2097	2.468	ug/l #	1
30) Chloroform	7.28	83	1837	0.469	ug/l #	17
31) Cyclohexane	7.61	56	641698	199.301	ug/l	95
36) 1,1-Dichloropropene	7.62	75	14246	4.543	ug/l #	53
37) Ethyl Acetate	6.77	43	3357	1.111	ug/l #	66
38) Carbon Tetrachloride	7.62	117	18418	5.645	ug/l #	15
39) Methylcyclohexane	9.05	83	562511	166.648	ug/l	97
40) Benzene	8.00	78	8411	0.875	ug/l	95
41) Methacrylonitrile	7.16	41	759	0.545	ug/l #	13
43) Isopropyl Acetate	8.11	43	49541	10.193	ug/l #	59
45) 1,2-Dichloropropane	9.04	63	5113	2.055	ug/l #	1
47) Bromodichloromethane	9.33	83	2383	0.712	ug/l #	70
48) Methyl methacrylate	9.23	41	32935	14.182	ug/l #	36
51) 4-Methyl-2-Pentanone	9.96	43	1827	0.626	ug/l #	75
52) Toluene	10.12	92	5867	0.992	ug/l	90
55) 1,1,2-Trichloroethane	10.50	97	62757	25.791	ug/l #	17
56) Ethyl methacrylate	10.40	69	32547	9.693	ug/l #	32
59) 2-Hexanone	10.69	43	11290	5.376	ug/l #	24
67) Ethyl Benzene	11.48	91	4044225	319.630	ug/l	95
68) m/p-Xylenes	11.59	106	286811	59.871	ug/l	98
69) o-Xylene	11.92	106	29670	6.527	ug/l	98
73) Isopropylbenzene	12.22	105	775814	63.693	ug/l	100
74) N-amyl acetate	12.02	43	2760	0.576	ug/l #	42
75) 1,1,2,2-Tetrachloroethane	12.45	83	1168	0.327	ug/l #	1
76) 1,2,3-Trichloropropane	12.56	75	6008	1.593	ug/l #	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
77) Bromobenzene	12.47	156	16926	5.154	ug/l	#	1
78) n-propylbenzene	12.56	91	1006290	72.520	ug/l		99
79) 2-Chlorotoluene	12.71	91	39769	4.636	ug/l	#	40
80) 1,3,5-Trimethylbenzene	12.71	105	396858	39.198	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.22	75	7996	5.811	ug/l	#	53
82) 4-Chlorotoluene	12.71	91	39769	4.423	ug/l	#	41
83) tert-Butylbenzene	13.01	119	754953	88.962	ug/l	#	71
84) 1,2,4-Trimethylbenzene	13.01	105	5402470	527.766	ug/l		92
85) sec-Butylbenzene	13.01	105	5402004	479.436	ug/l	#	56
86) p-Isopropyltoluene	13.26	119	137296	13.384	ug/l		99
89) n-Butylbenzene	13.59	91	97180	10.787	ug/l	#	72
90) Hexachloroethane	13.86	117	42393	23.789	ug/l	#	9
92) 1,2-Dibromo-3-Chloropropan	14.22	75	3457	4.303	ug/l	#	1
95) Naphthalene	15.10	128	2270382	213.848	ug/l		99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064943.D

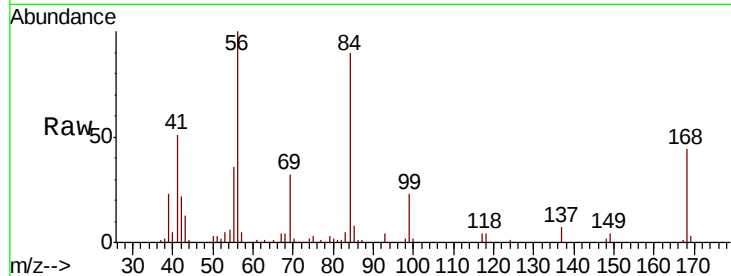
Acq: 7 Dec 2020 14:23

Tot Ion:168 Resp: 198708

Ion Ratio Lower Upper

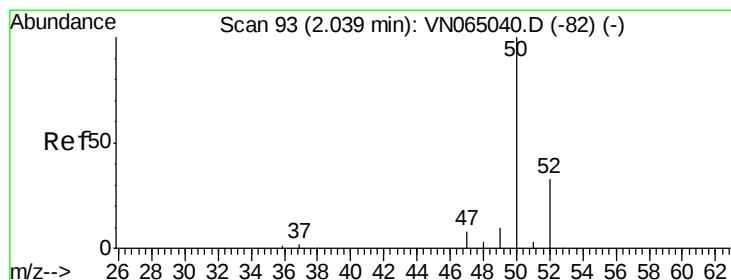
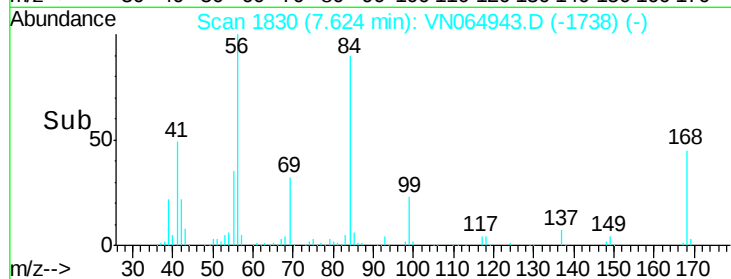
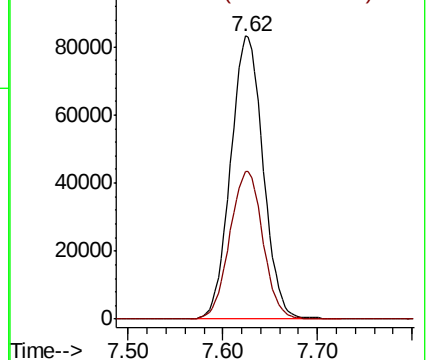
168 100

99 52.3 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#3

Chloromethane

Concen: 0.414 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064943.D

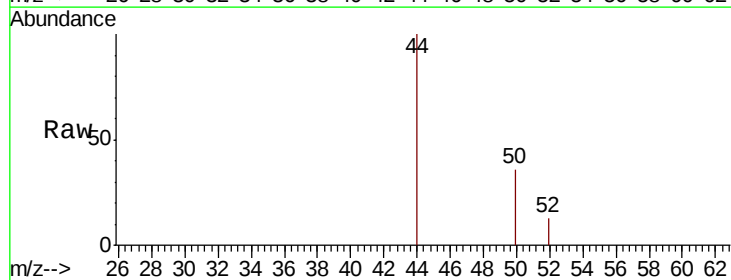
Acq: 7 Dec 2020 14:23

Tgt Ion: 50 Resp: 927

Ion Ratio Lower Upper

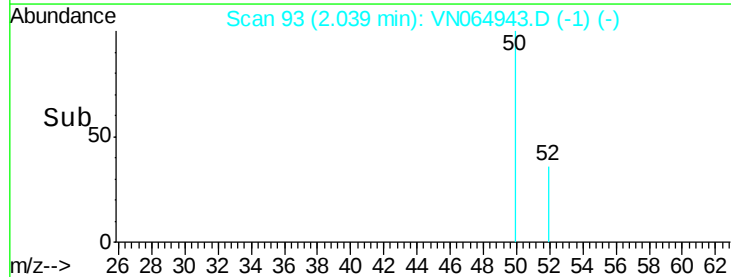
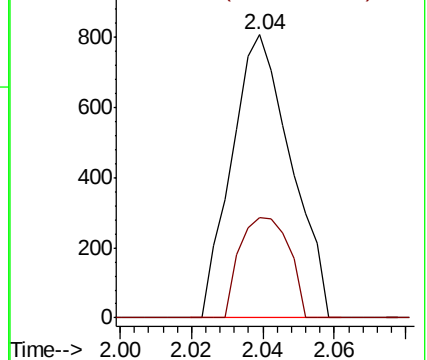
50 100

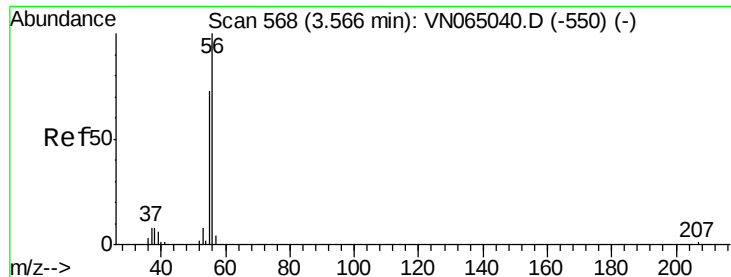
52 35.6 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#13

Acrolein

Concen: 97.661 ug/l

RT: 3.75 min Scan# 626

Delta R.T. 0.19 min

Lab File: VN064943.D

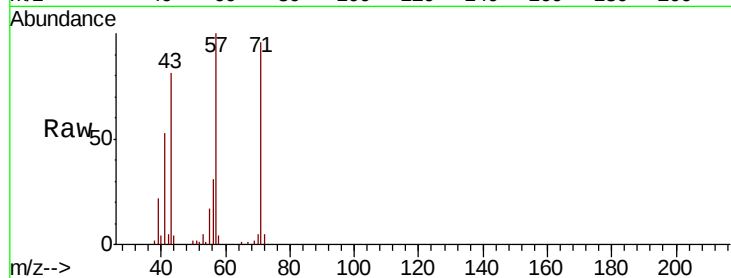
Acq: 7 Dec 2020 14:23

Tot Ion: 56 Resp: 21491

Ion Ratio Lower Upper

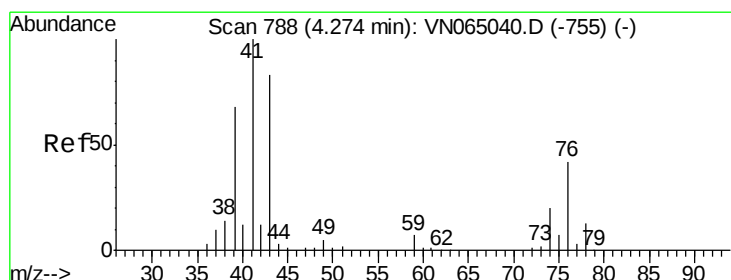
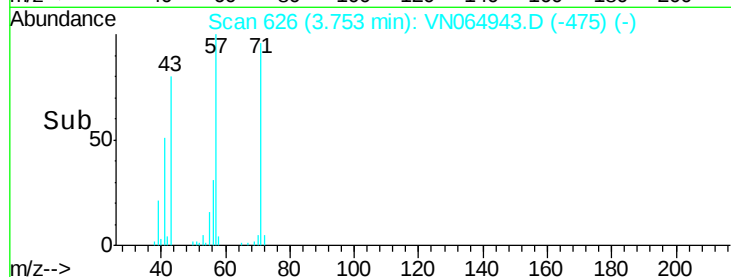
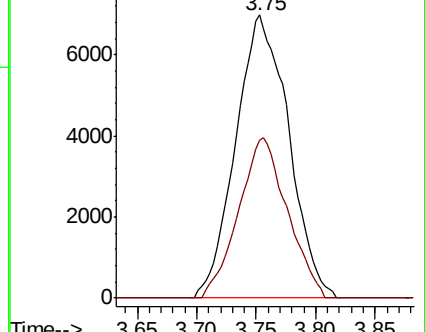
56 100

55 52.1 56.5 84.7#



Abundance Ion 56.00 (55.70 to 56.70): VN064943.D (-475) (-)

Ion 55.00 (54.70 to 55.70): VN064943.D (-475) (-)



#14

Allyl chloride

Concen: 1.230 ug/l

RT: 4.37 min Scan# 818

Delta R.T. 0.10 min

Lab File: VN064943.D

Acq: 7 Dec 2020 14:23

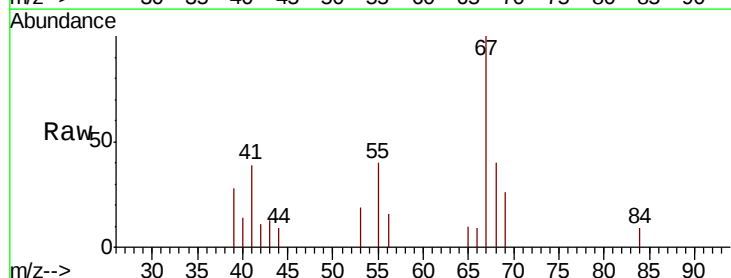
Tgt Ion: 41 Resp: 3908

Ion Ratio Lower Upper

41 100

39 81.9 50.9 76.3#

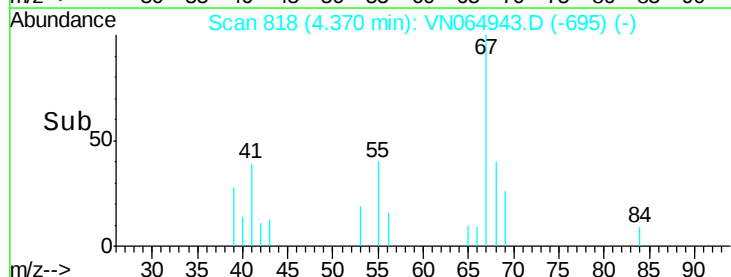
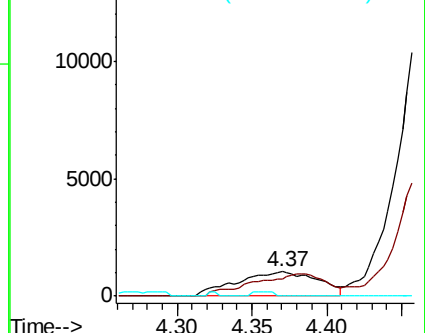
76 4.4 29.0 43.4#

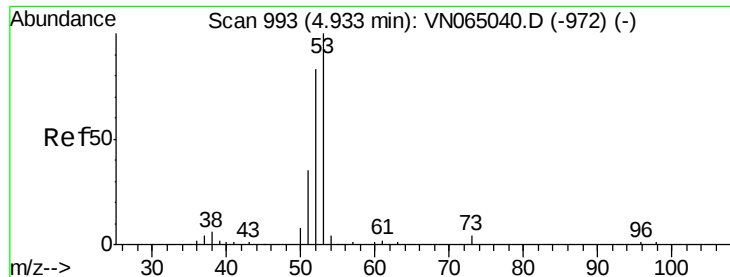


Abundance Ion 41.00 (40.70 to 41.70): VN064943.D (-695) (-)

Ion 39.00 (38.70 to 39.70): VN064943.D (-695) (-)

Ion 75.90 (75.60 to 76.60): VN064943.D (-695) (-)





#15

Acrylonitrile

Concen: 17.767 ug/l

RT: 4.99 min Scan# 1012

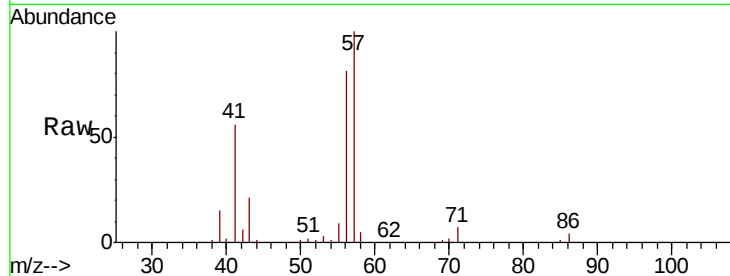
Delta R.T. 0.06 min

Lab File: VN064943.D

Acq: 7 Dec 2020 14:23

Tot Ion: 53 Resp: 17683

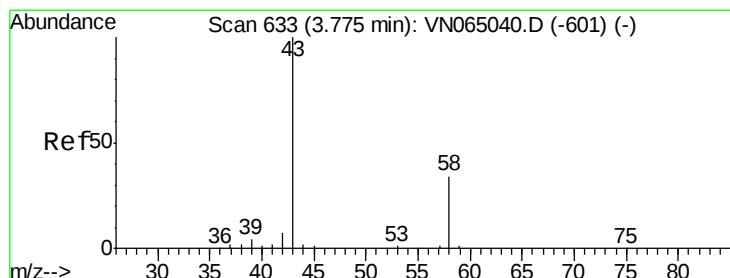
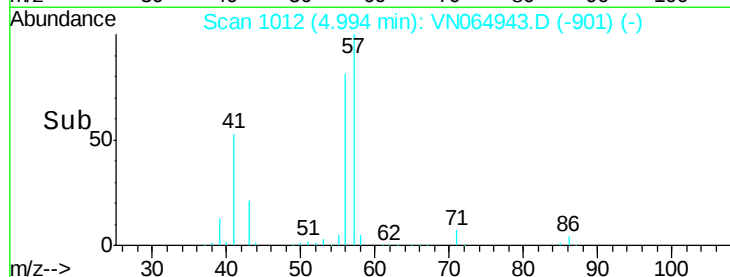
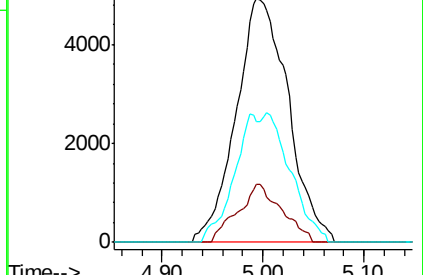
Ion	Ratio	Lower	Upper
53	100		
52	20.1	65.5	98.3#
51	26.4	28.6	43.0#



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

Ion 52.00 (51.70 to 52.70): VN065040.D (-972) (-)

Ion 51.00 (50.70 to 51.70): VN065040.D (-972) (-)



#16

Acetone

Concen: 80.982 ug/l

RT: 3.76 min Scan# 628

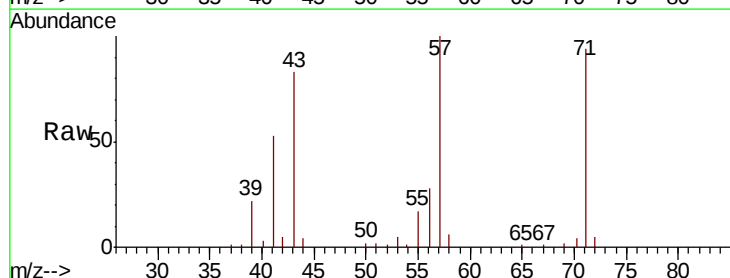
Delta R.T. -0.02 min

Lab File: VN064943.D

Acq: 7 Dec 2020 14:23

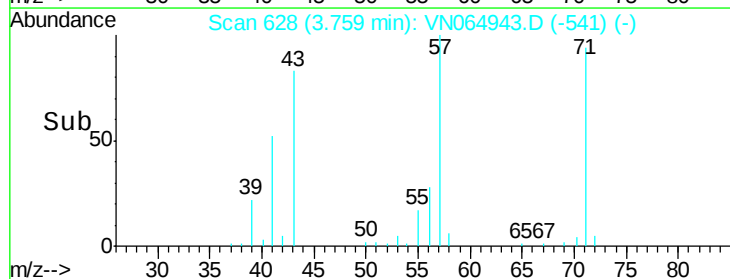
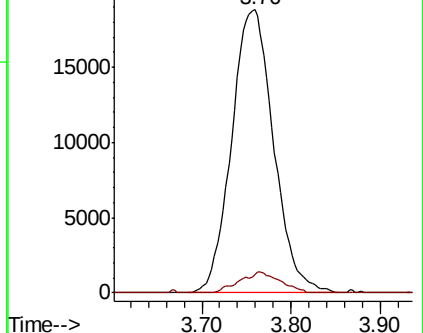
Tgt Ion: 43 Resp: 61498

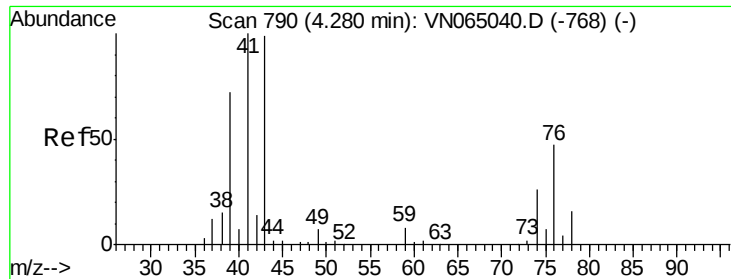
Ion	Ratio	Lower	Upper
43	100		
58	6.7	25.7	38.5#



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

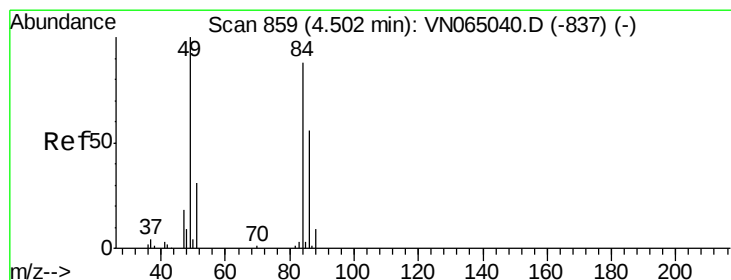
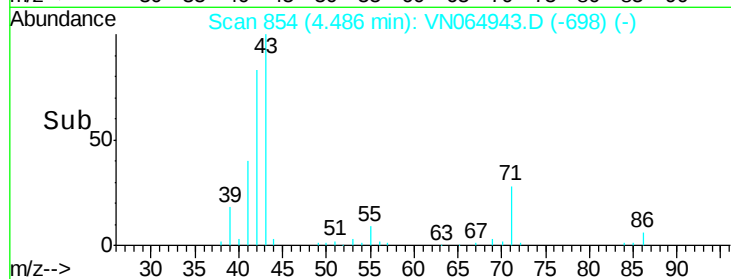
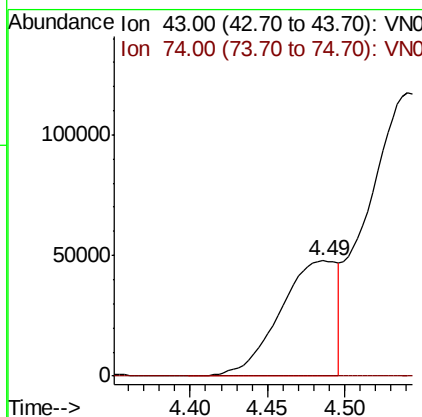
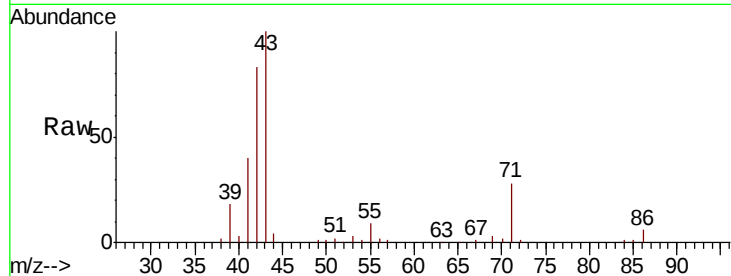
Ion 58.00 (57.70 to 58.70): VN065040.D (-601) (-)





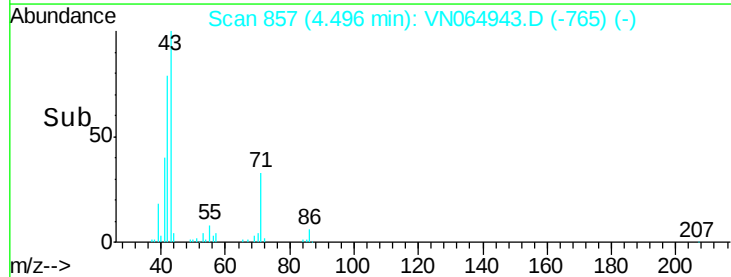
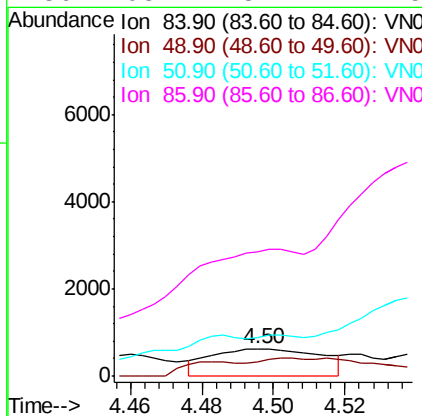
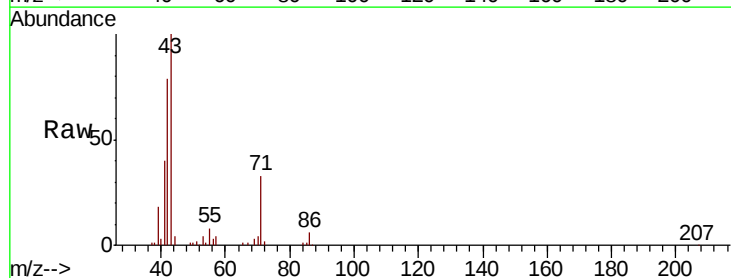
#18
Methvl Acetate
Concen: 54.011 ug/l
RT: 4.49 min Scan# 854
Delta R.T. 0.20 min
Lab File: VN064943.D
Acq: 7 Dec 2020 14:23

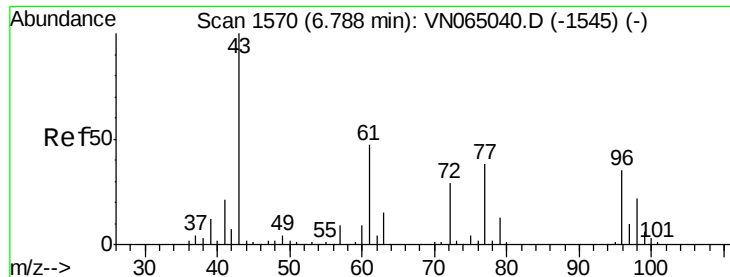
Tot Ion: 43 Resp: 123317
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#20
Methylene Chloride
Concen: 0.562 ug/l
RT: 4.50 min Scan# 857
Delta R.T. -0.00 min
Lab File: VN064943.D
Acq: 7 Dec 2020 14:23

Tgt Ion: 84 Resp: 1338
Ion Ratio Lower Upper
84 100
49 24.9 93.4 140.0#
51 74.3 28.2 42.4#
86 205.4 51.7 77.5#





#25

2-Butanone

Concen: 2.727 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.02 min

Lab File: VN064943.D

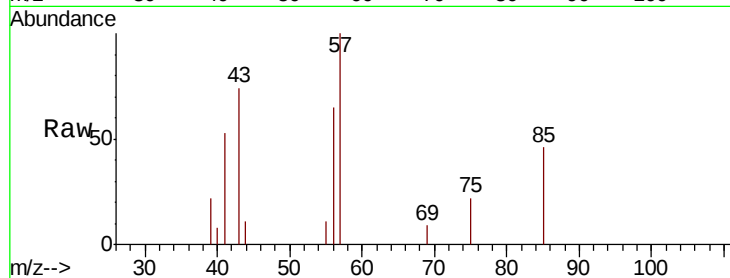
Acq: 7 Dec 2020 14:23

Tot Ion: 43 Resp: 3357

Ion Ratio Lower Upper

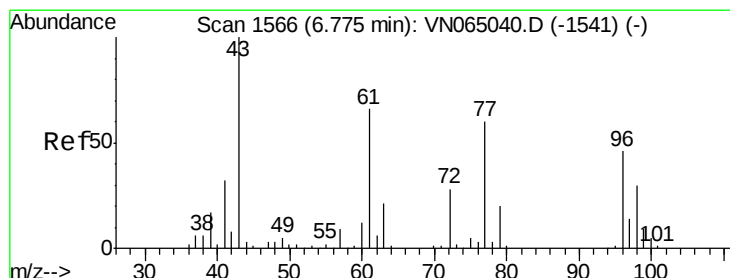
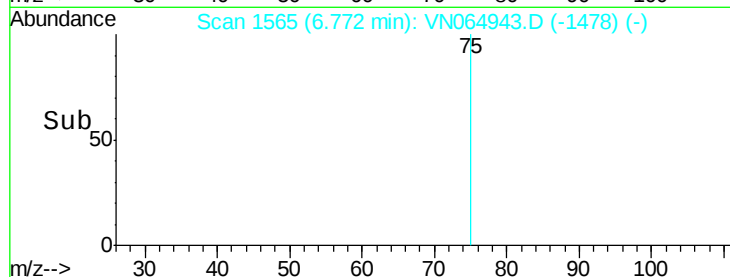
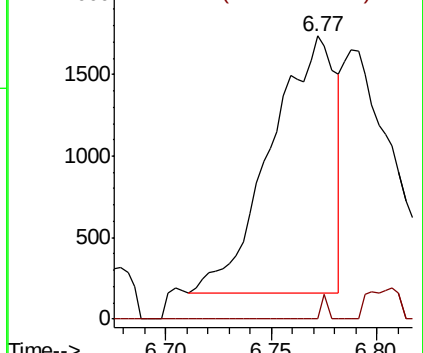
43 100

72 0.0 21.0 31.6#



Abundance Ion 43.00 (42.70 to 43.70): VN065040.D (-1545) (-)

Ion 72.00 (71.70 to 72.70): VN065040.D (-1545) (-)



#26

2,2-Dichloropropane

Concen: 2.104 ug/l

RT: 6.59 min Scan# 1507

Delta R.T. -0.19 min

Lab File: VN064943.D

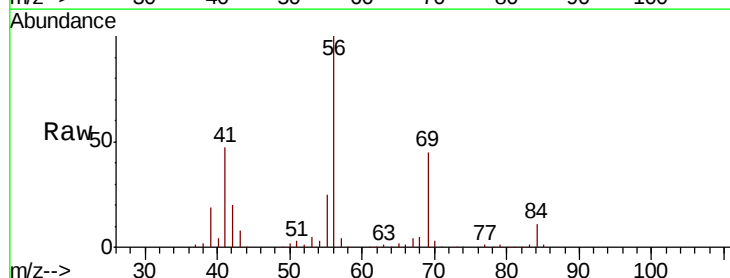
Acq: 7 Dec 2020 14:23

Tgt Ion: 77 Resp: 6937

Ion Ratio Lower Upper

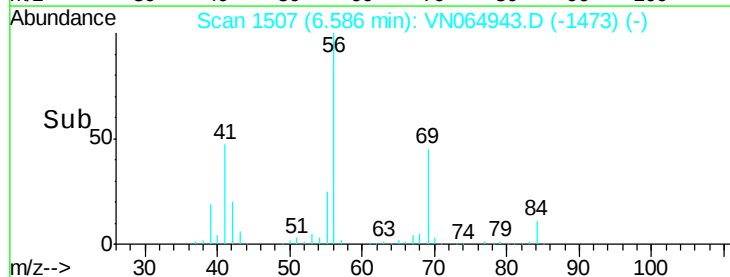
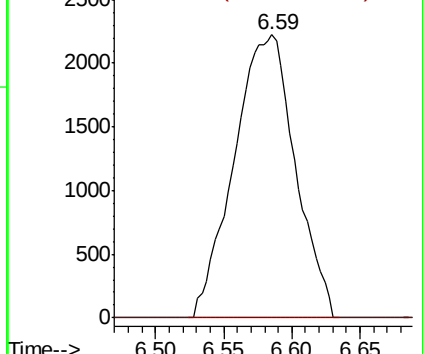
77 100

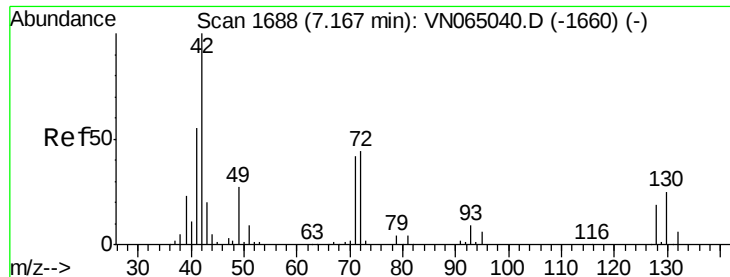
97 0.0 11.7 35.0#



Abundance Ion 76.90 (76.60 to 77.60): VN064943.D (-1473) (-)

Ion 96.90 (96.60 to 97.60): VN064943.D (-1473) (-)





#29

Tetrahydrofuran

Concen: 2.468 ug/l

RT: 7.35 min Scan# 1745

Delta R.T. 0.18 min

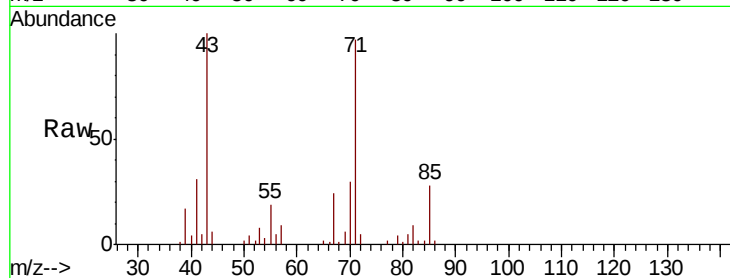
Lab File: VN064943.D

Acq: 7 Dec 2020 14:23

Tot Ion: 42 Resp: 2097

Ion Ratio Lower Upper

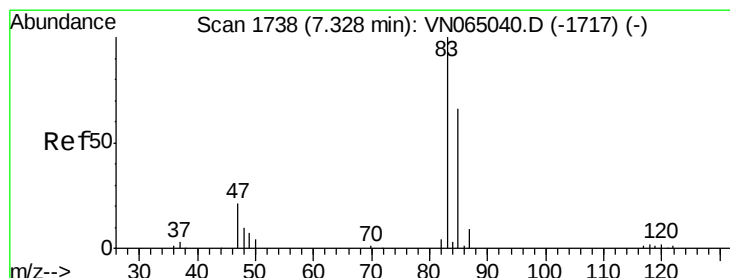
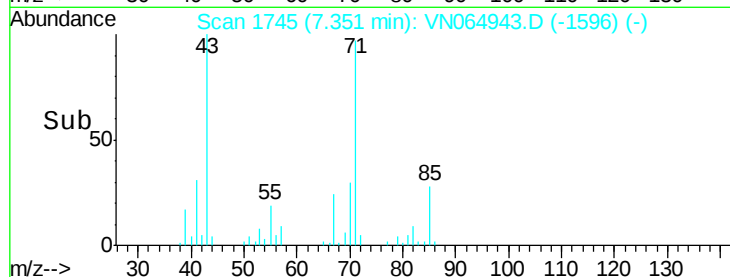
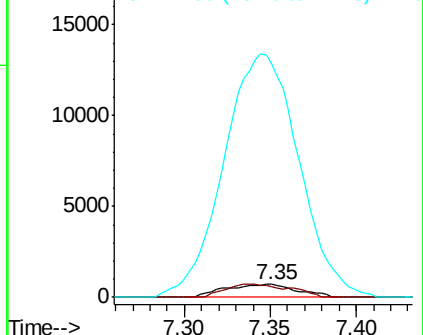
42	100		
72	89.3	36.6	54.8#
71	1937.2	33.6	50.4#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 0.469 ug/l

RT: 7.28 min Scan# 1722

Delta R.T. -0.05 min

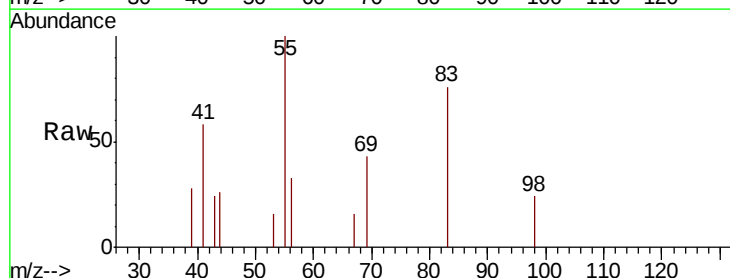
Lab File: VN064943.D

Acq: 7 Dec 2020 14:23

Tgt Ion: 83 Resp: 1837

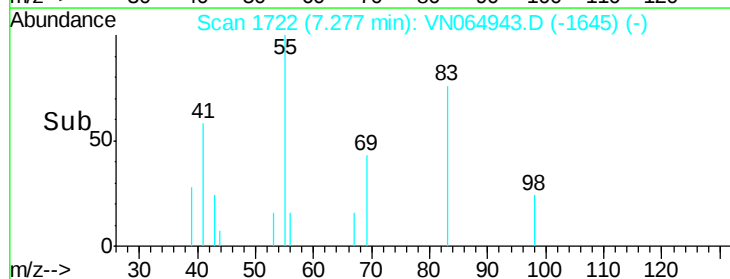
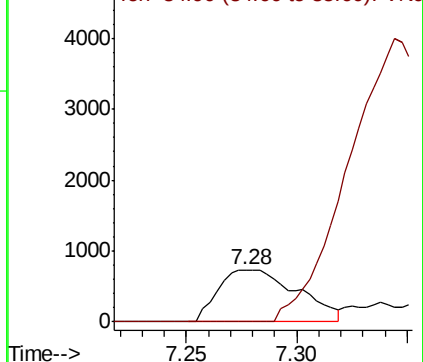
Ion Ratio Lower Upper

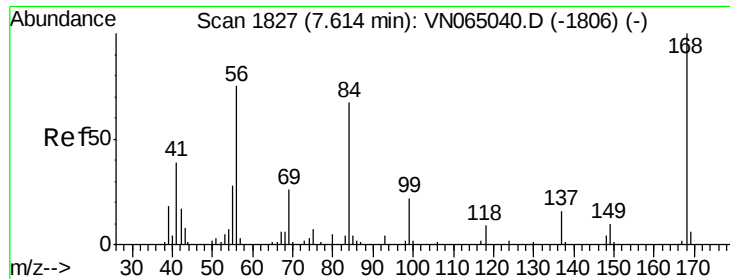
83	100		
85	0.0	52.6	78.8#



Abundance Ion 82.90 (82.60 to 83.60): VN0

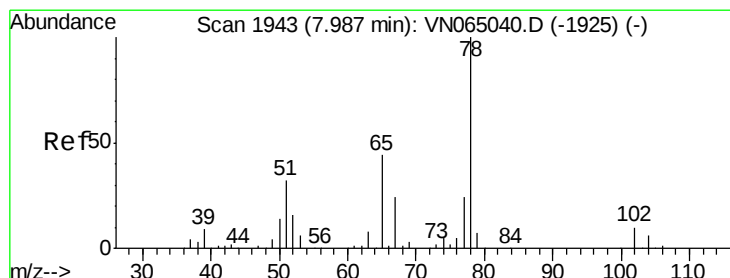
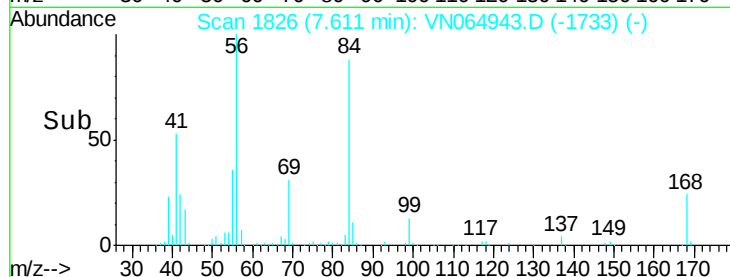
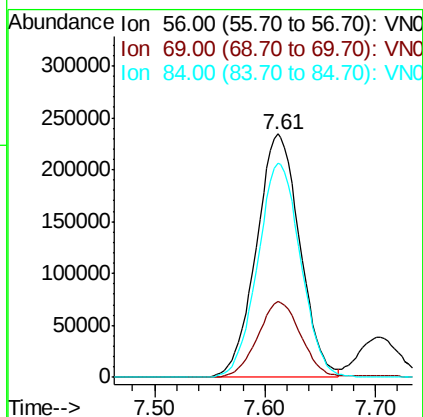
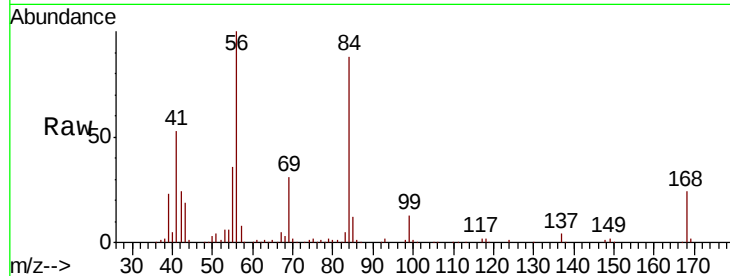
Ion 84.90 (84.60 to 85.60): VN0





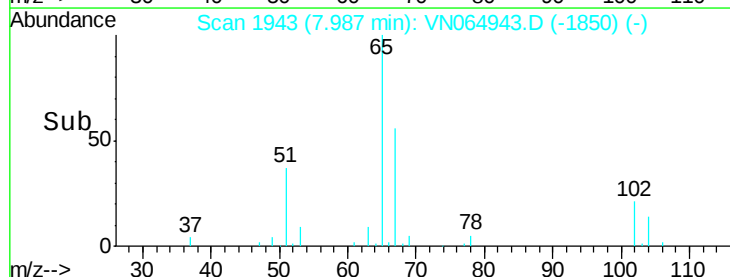
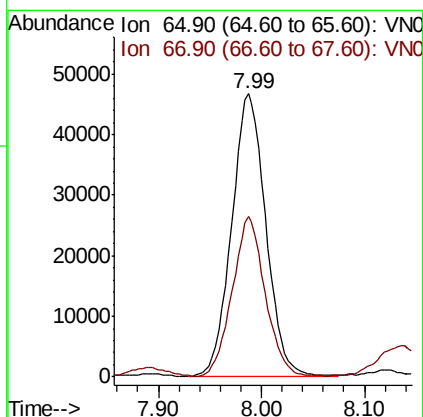
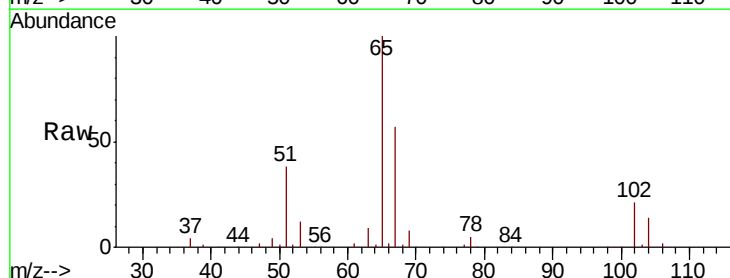
#31
Cyclohexane
Concen: 199.301 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VN064943.D
Acq: 7 Dec 2020 14:23

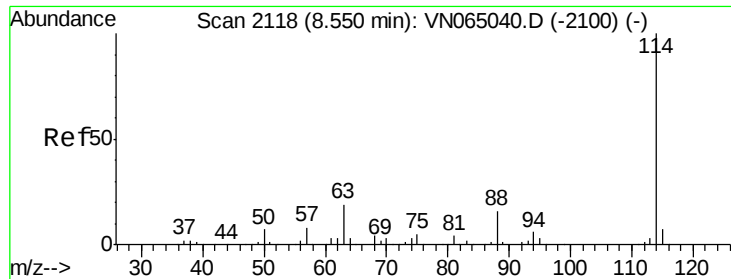
Tot Ion: 56 Resp: 641698
Ion Ratio Lower Upper
56 100
69 31.2 27.5 41.3
84 88.2 73.9 110.9



#33
1,2-Dichloroethane-d4
Concen: 46.848 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064943.D
Acq: 7 Dec 2020 14:23

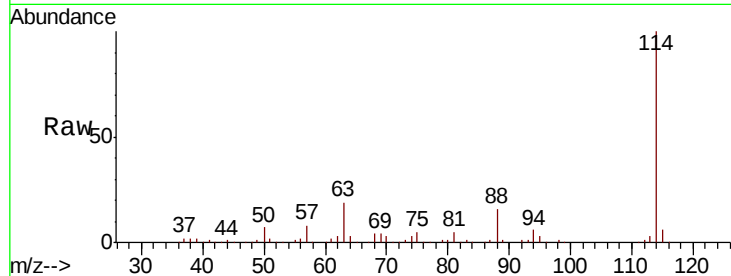
Tgt Ion: 65 Resp: 108224
Ion Ratio Lower Upper
65 100
67 54.6 0.0 108.2



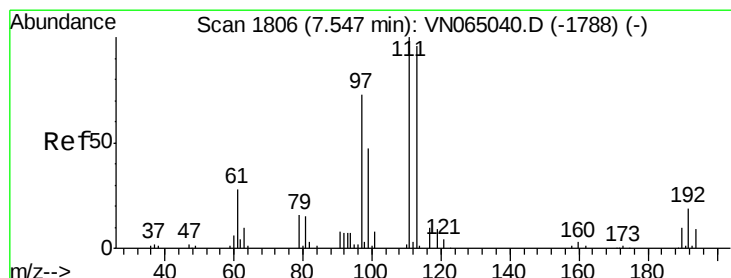
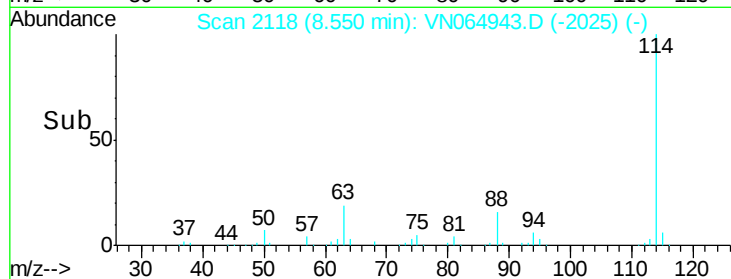
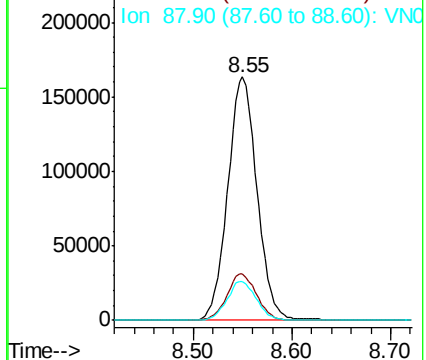


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064943.D
Acq: 7 Dec 2020 14:23

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	38.6
88	15.7	0.0	32.6

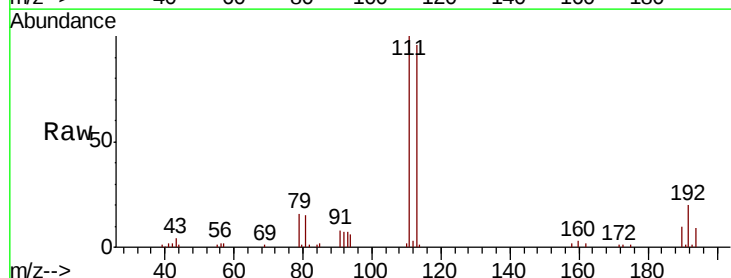


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

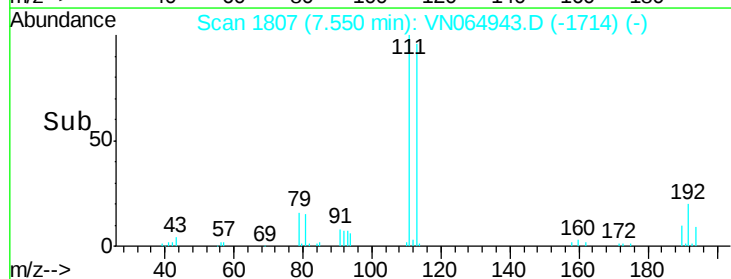
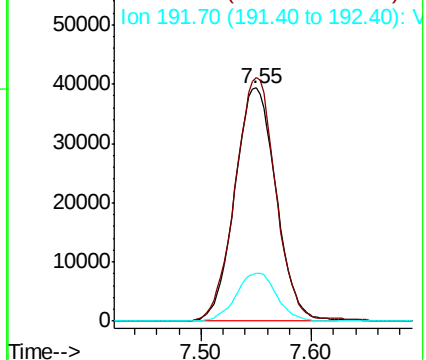


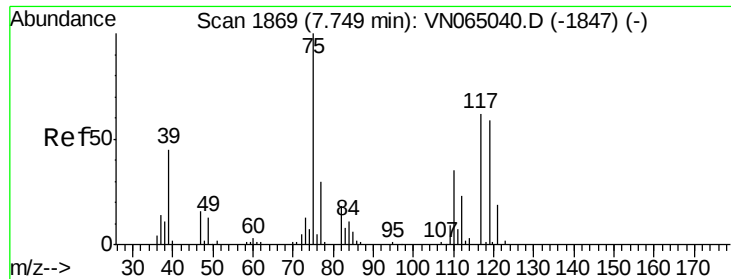
#35
Dibromofluoromethane
Concen: 50.470 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064943.D
Acq: 7 Dec 2020 14:23

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.6	122.4
192	20.2	16.2	24.2



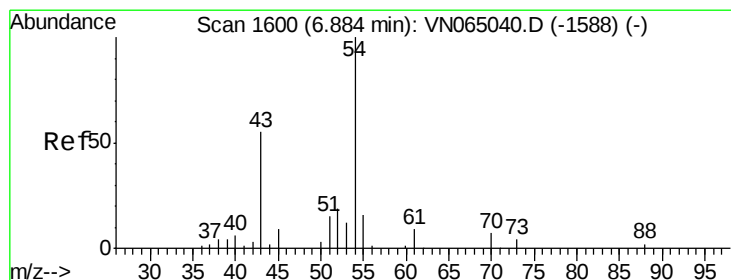
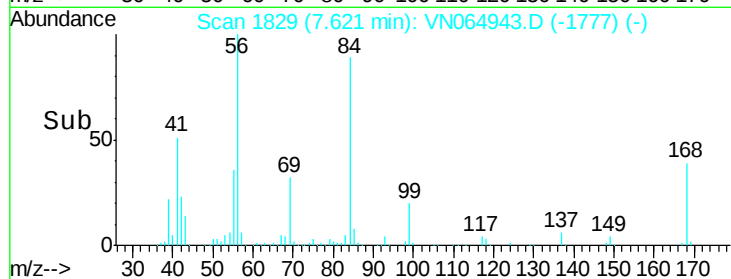
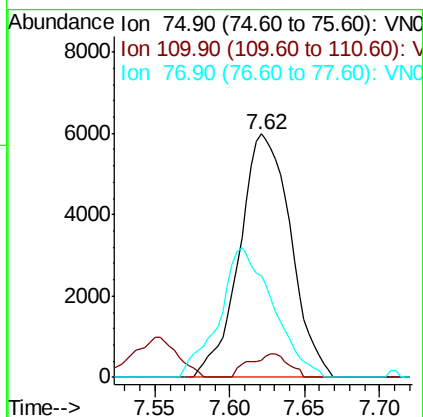
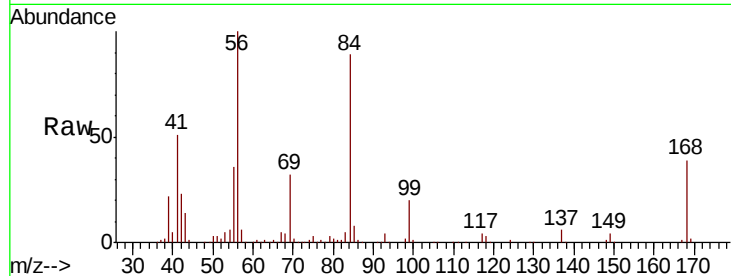
Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V





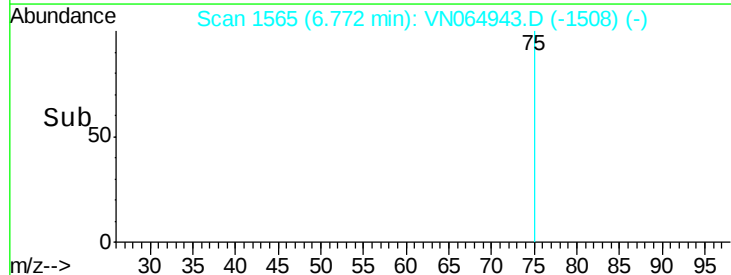
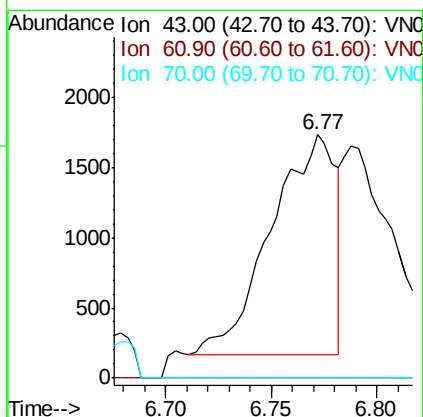
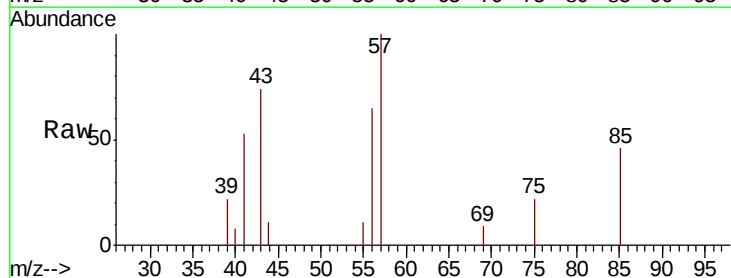
#36
 1,1-Dichloropropene
 Concen: 4.543 ug/l
 RT: 7.62 min Scan# 1829
 Delta R.T. -0.13 min
 Lab File: VN064943.D
 Acq: 7 Dec 2020 14:23

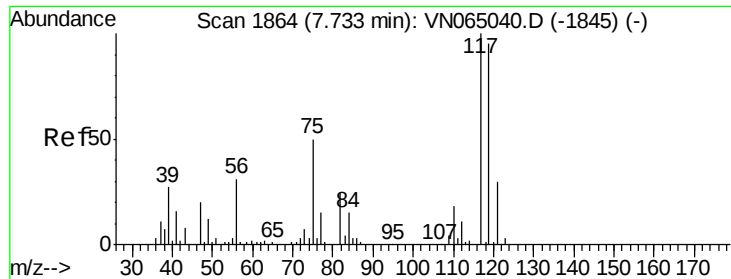
Tot Ion	75	Resp	14246
Ion Ratio	100	Lower	Upper
75	100		
110	7.3	17.8	53.3#
77	55.9	25.0	37.4#



#37
 Ethyl Acetate
 Concen: 1.111 ug/l
 RT: 6.77 min Scan# 1565
 Delta R.T. -0.12 min
 Lab File: VN064943.D
 Acq: 7 Dec 2020 14:23

Tgt Ion	43	Resp	3357
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: 5.645 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN064943.D

Acq: 7 Dec 2020 14:23

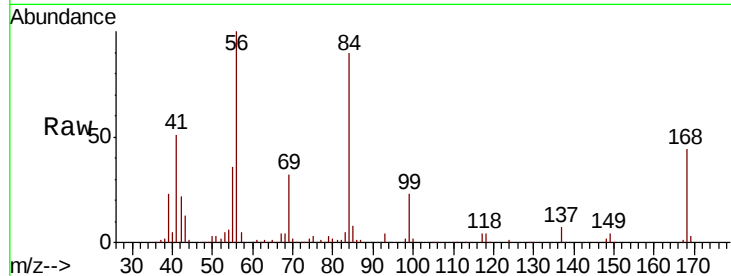
Tot Ion:117 Resp: 18418

Ion Ratio Lower Upper

117 100

119 3.8 76.7 115.1#

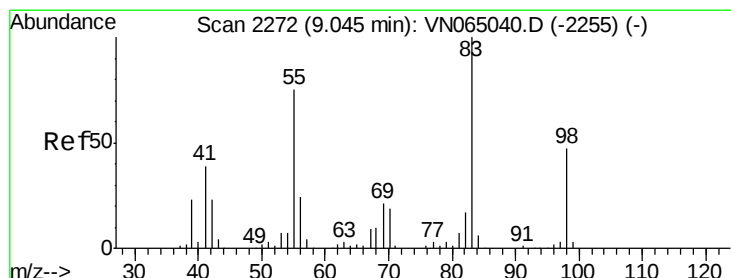
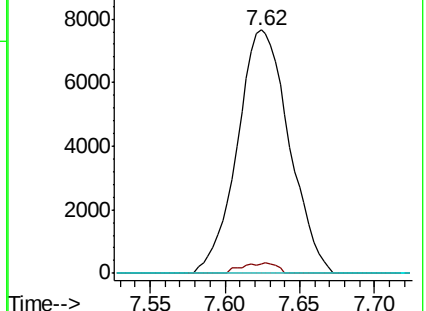
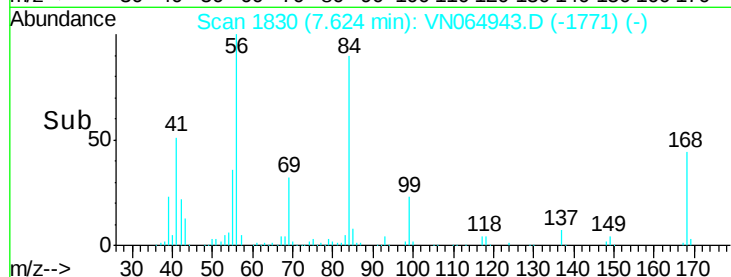
121 0.0 25.4 38.2#



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: 166.648 ug/l

RT: 9.05 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VN064943.D

Acq: 7 Dec 2020 14:23

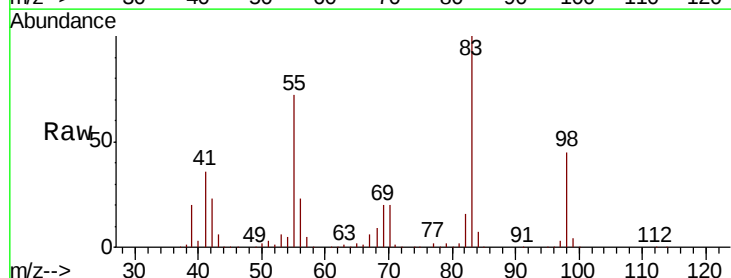
Tgt Ion: 83 Resp: 562511

Ion Ratio Lower Upper

83 100

55 72.3 60.2 90.2

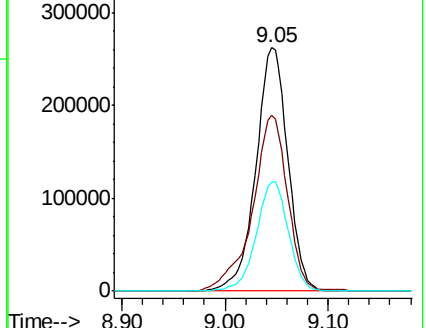
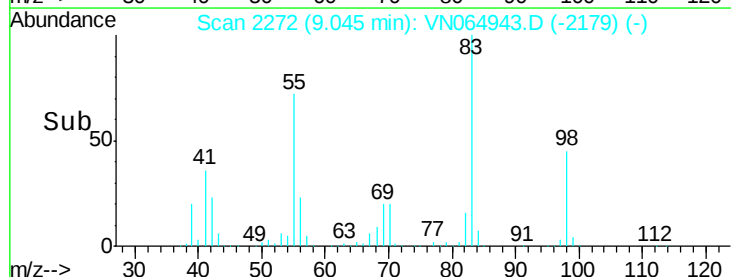
98 44.9 37.4 56.2

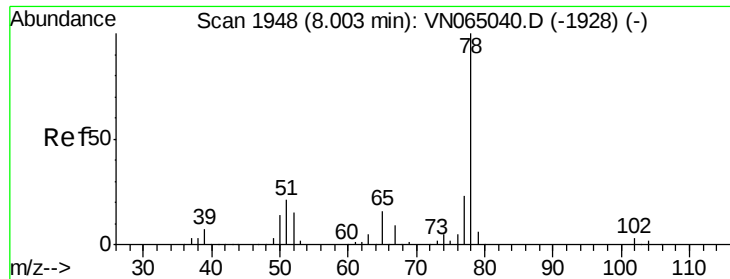


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#40

Benzene

Concen: 0.875 ug/l

RT: 8.00 min Scan# 1947

Delta R.T. -0.00 min

Lab File: VN064943.D

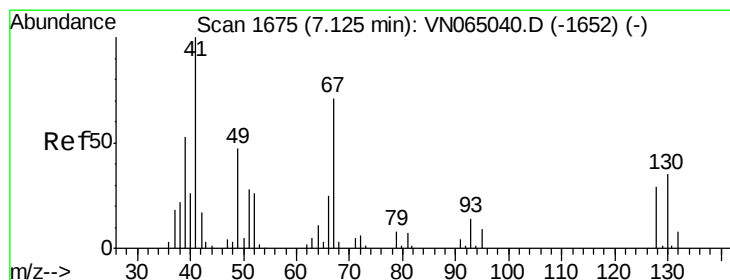
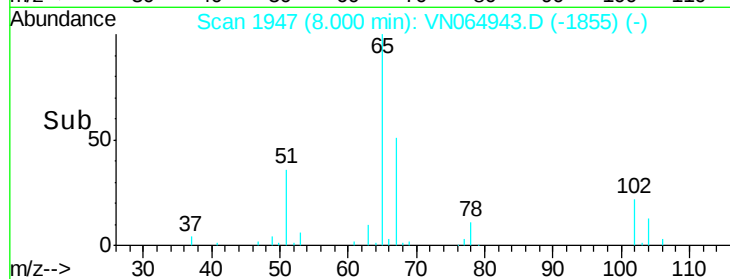
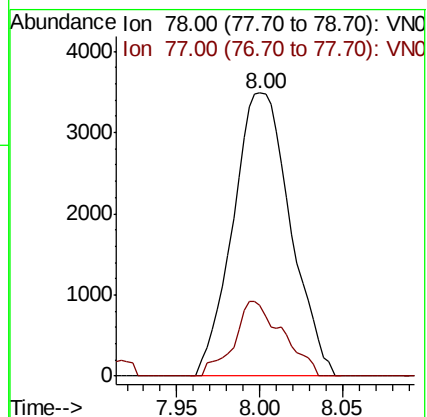
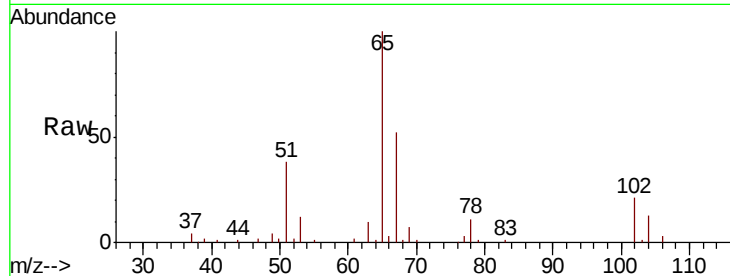
Acq: 7 Dec 2020 14:23

Tot Ion: 78 Resp: 8411

Ion Ratio Lower Upper

78 100

77 25.0 17.9 26.9



#41

Methacrylonitrile

Concen: 0.545 ug/l

RT: 7.16 min Scan# 1685

Delta R.T. 0.03 min

Lab File: VN064943.D

Acq: 7 Dec 2020 14:23

Tgt Ion: 41 Resp: 759

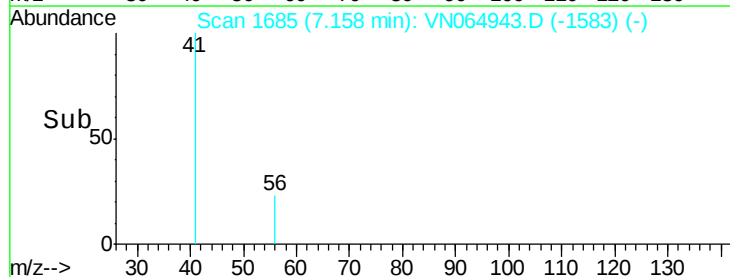
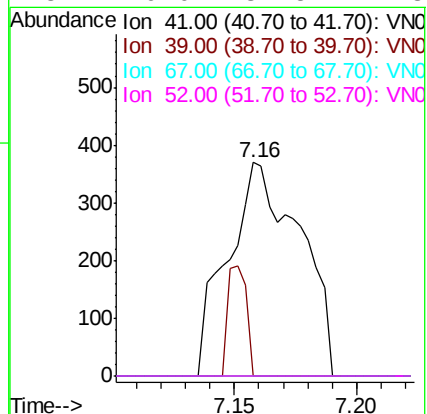
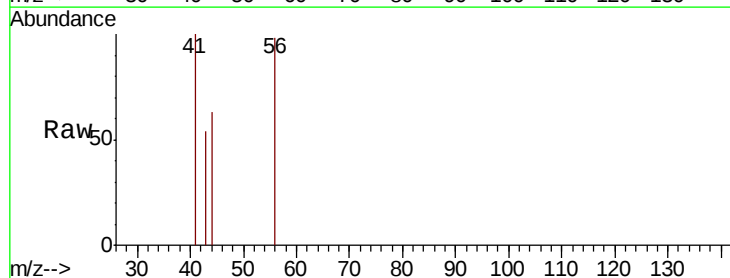
Ion Ratio Lower Upper

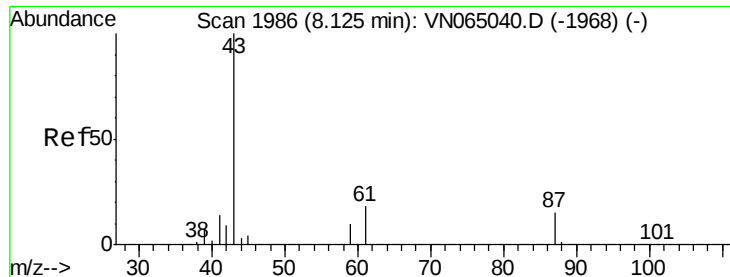
41 100

39 0.0 51.0 76.6#

67 0.0 79.8 119.8#

52 0.0 31.5 47.3#





#43

Isopropyl Acetate

Concen: 10.193 ug/l

RT: 8.11 min Scan# 1981

Delta R.T. -0.02 min

Lab File: VN064943.D

Acq: 7 Dec 2020 14:23

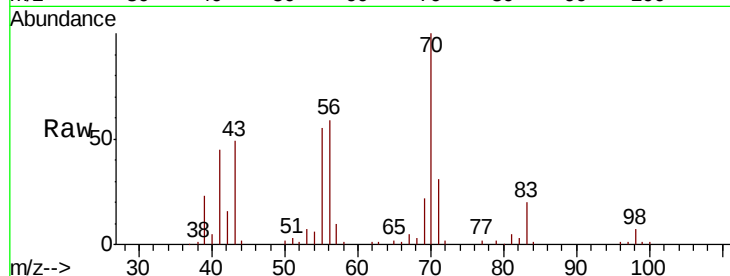
Tot Ion: 43 Resp: 49541

Ion Ratio Lower Upper

43 100

61 0.0 17.2 25.8#

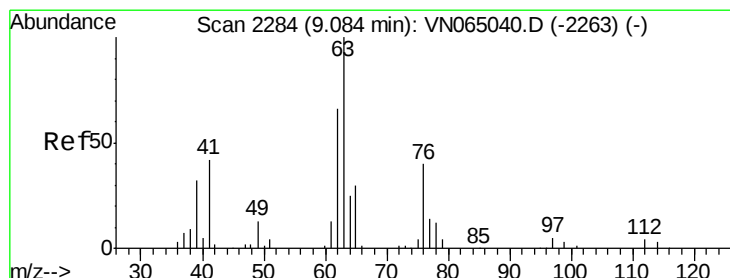
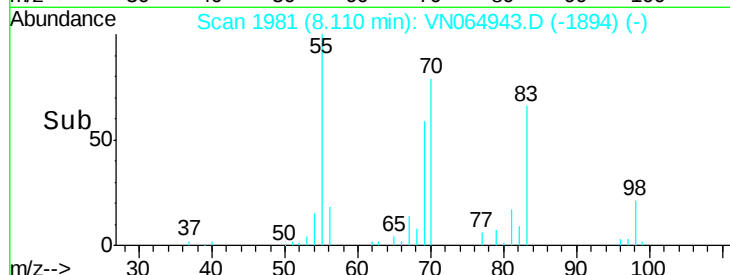
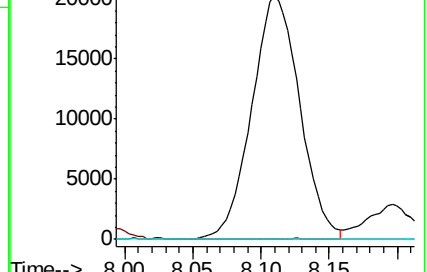
87 0.0 11.4 17.0#



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: 2.055 ug/l

RT: 9.04 min Scan# 2271

Delta R.T. -0.04 min

Lab File: VN064943.D

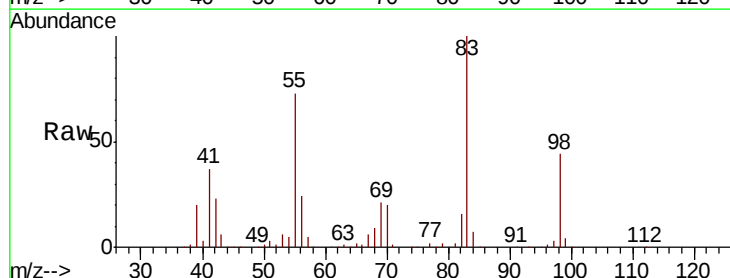
Acq: 7 Dec 2020 14:23

Tgt Ion: 63 Resp: 5113

Ion Ratio Lower Upper

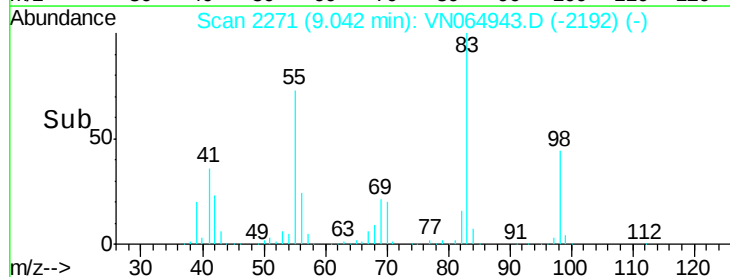
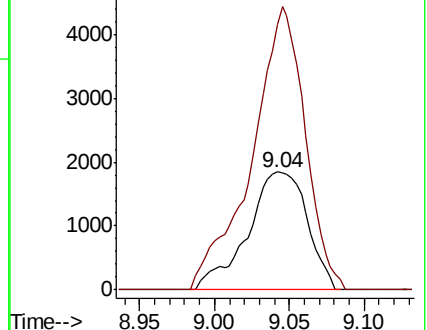
63 100

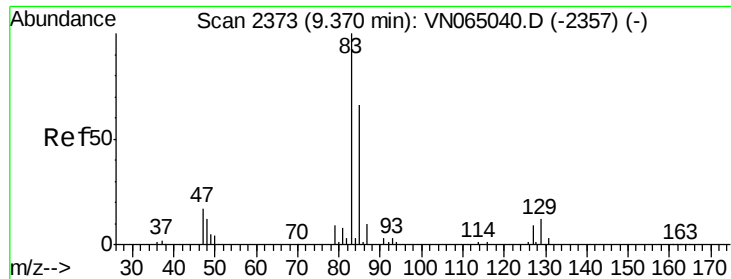
65 225.2 25.0 37.4#



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

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





#47

Bromodichloromethane

Concen: 0.712 ug/l

RT: 9.33 min Scan# 2360

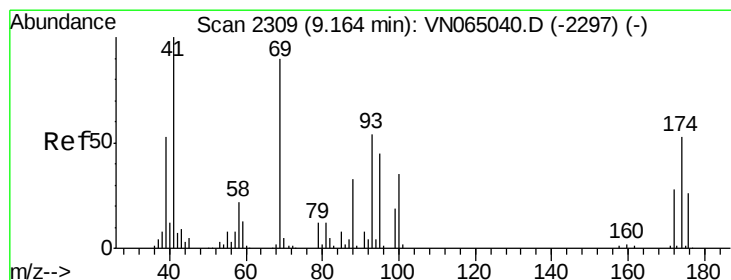
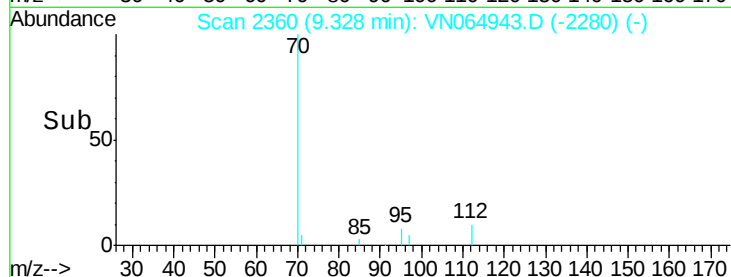
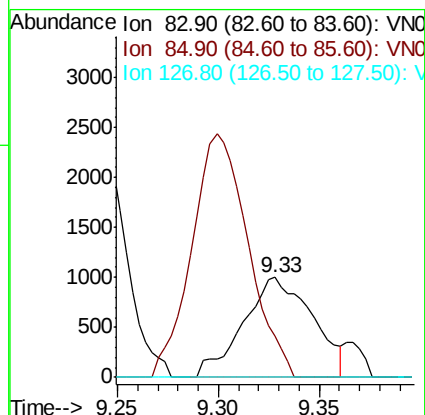
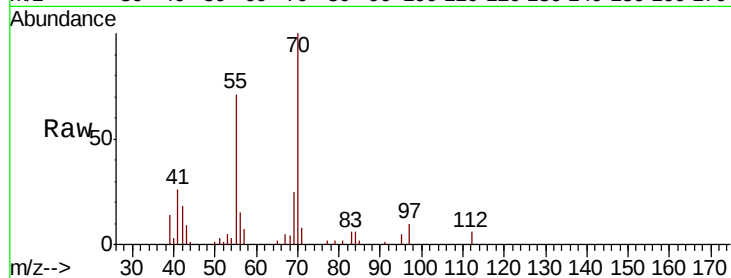
Delta R.T. -0.04 min

Lab File: VN064943.D

Acq: 7 Dec 2020 14:23

Tot Ion: 83 Resp: 2383

Ion	Ratio	Lower	Upper
83	100		
85	40.9	51.8	77.8#
127	0.0	6.8	10.2#



#48

Methyl methacrylate

Concen: 14.182 ug/l

RT: 9.23 min Scan# 2331

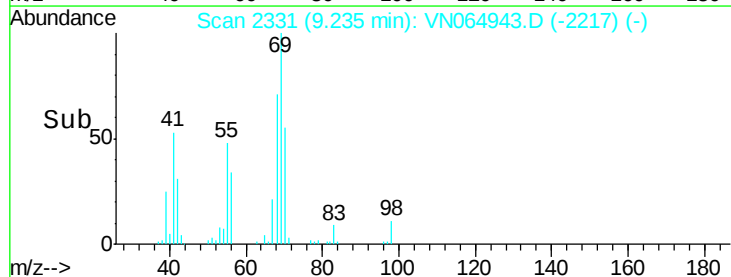
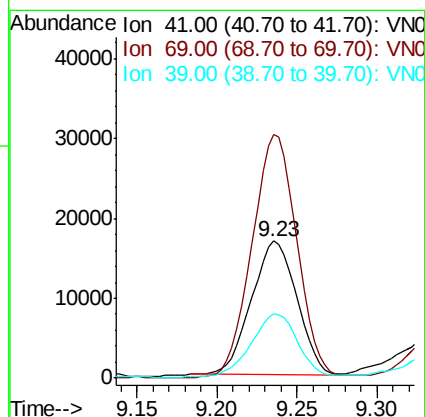
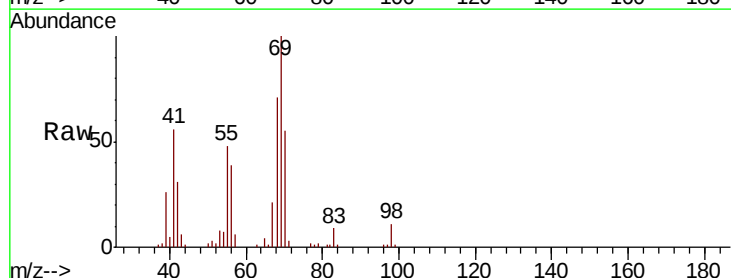
Delta R.T. 0.07 min

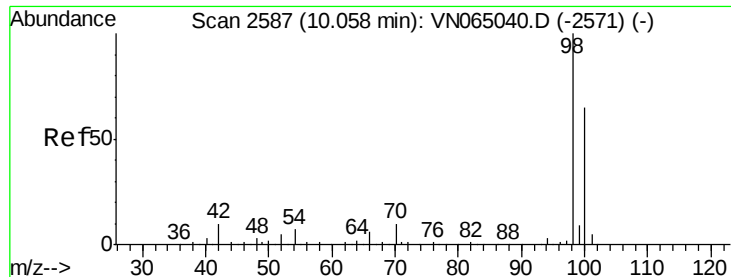
Lab File: VN064943.D

Acq: 7 Dec 2020 14:23

Tgt Ion: 41 Resp: 32935

Ion	Ratio	Lower	Upper
41	100		
69	179.9	71.8	107.8#
39	46.7	44.1	66.1





#50

Toluene-d8

Concen: 53.464 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064943.D

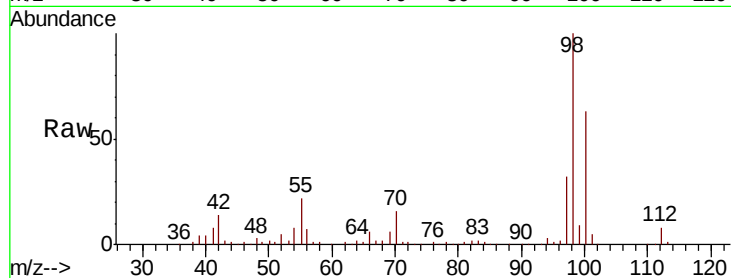
Acq: 7 Dec 2020 14:23

Tot Ion: 98 Resp: 442184

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

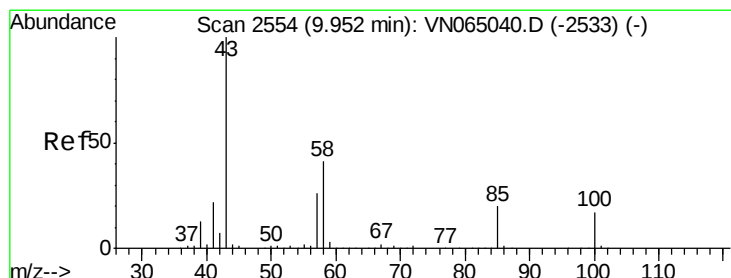
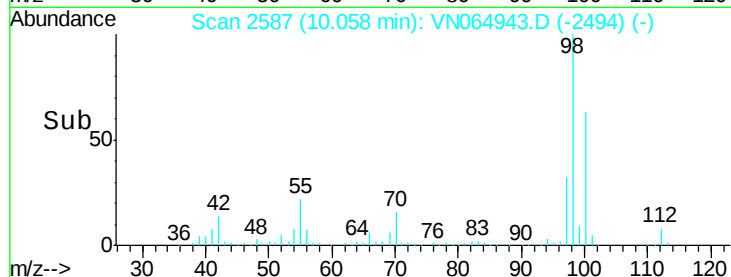
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.626 ug/l

RT: 9.96 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN064943.D

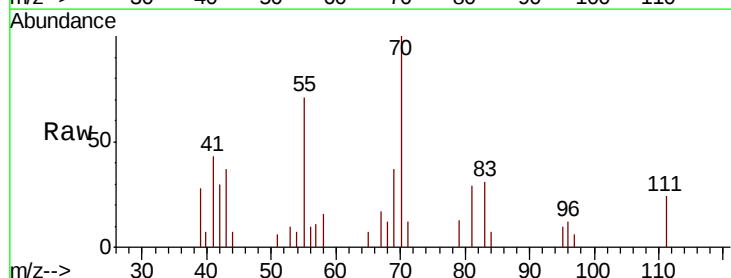
Acq: 7 Dec 2020 14:23

Tgt Ion: 43 Resp: 1827

Ion Ratio Lower Upper

43 100

58 24.7 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) (-)

10000

8000

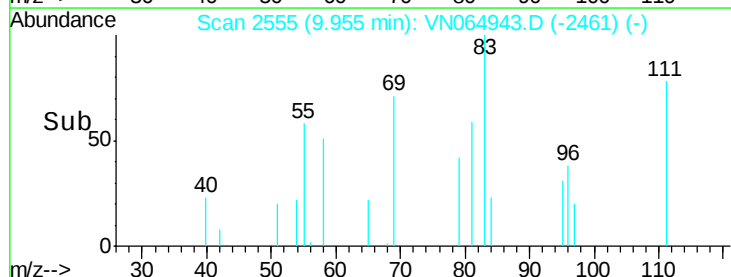
6000

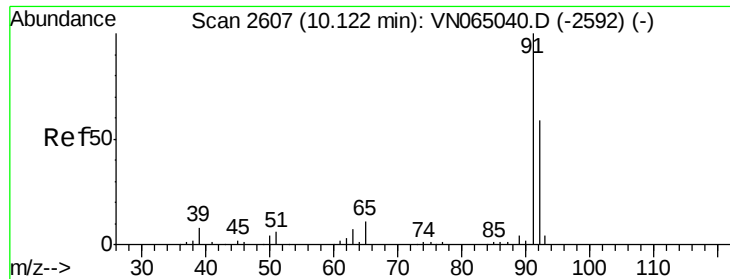
4000

2000

0

Time-->





#52

Toluene

Concen: 0.992 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064943.D

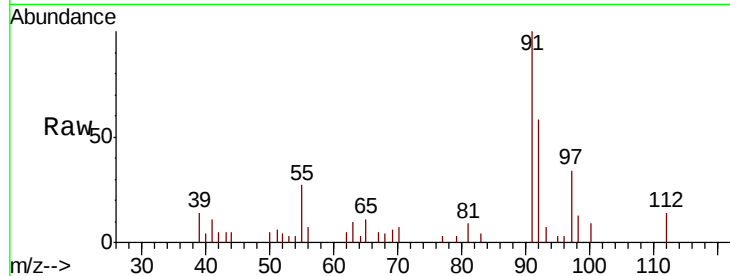
Acq: 7 Dec 2020 14:23

Tot Ion: 92 Resp: 5867

Ion Ratio Lower Upper

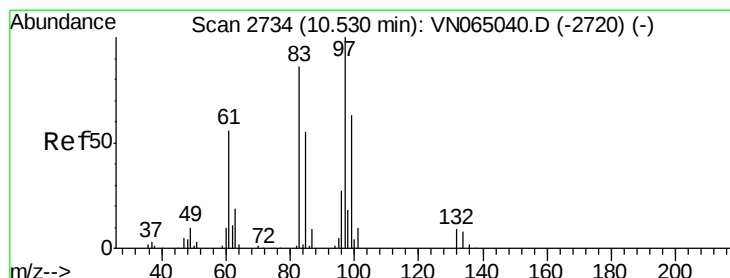
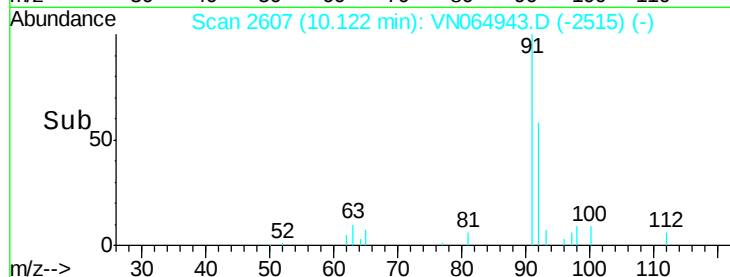
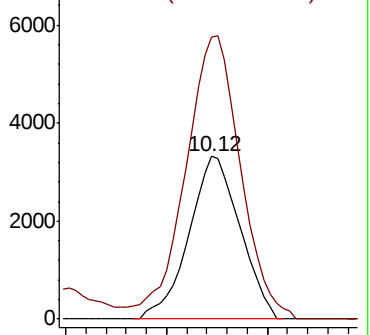
92 100

91 187.6 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN065040.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN065040.D (-2592) (-)



#55

1,1,2-Trichloroethane

Concen: 25.791 ug/l

RT: 10.50 min Scan# 2725

Delta R.T. -0.03 min

Lab File: VN064943.D

Acq: 7 Dec 2020 14:23

Tgt Ion: 97 Resp: 62757

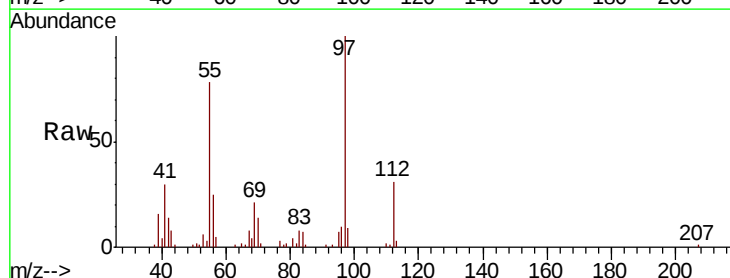
Ion Ratio Lower Upper

97 100

83 7.7 72.1 108.1#

85 0.8 46.8 70.2#

99 0.0 49.6 74.4#

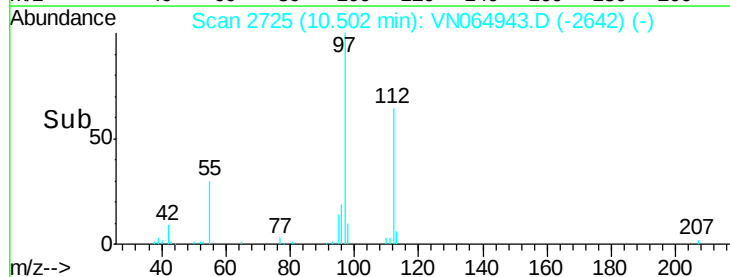
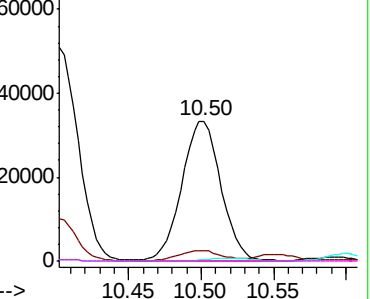


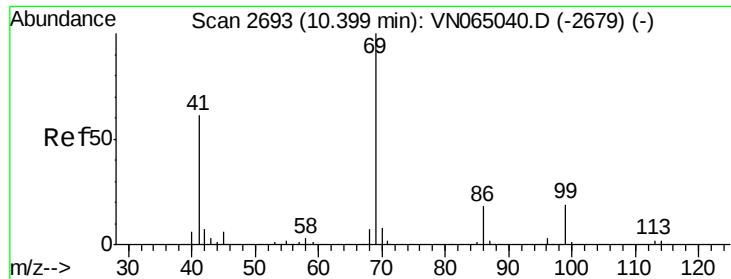
Abundance Ion 96.90 (96.60 to 97.60): VN065040.D (-2720) (-)

Ion 82.90 (82.60 to 83.60): VN065040.D (-2720) (-)

Ion 84.90 (84.60 to 85.60): VN065040.D (-2720) (-)

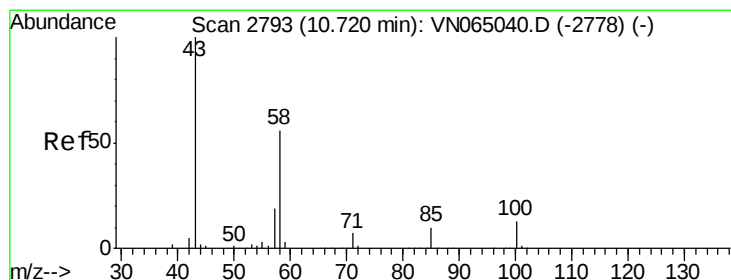
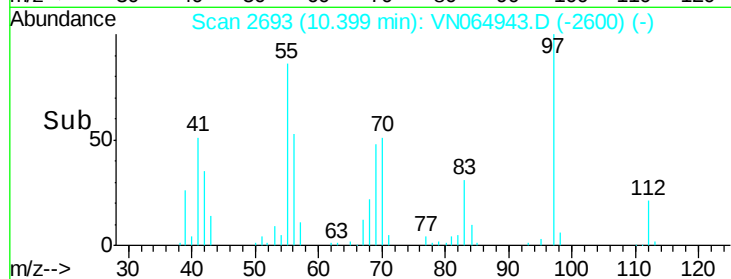
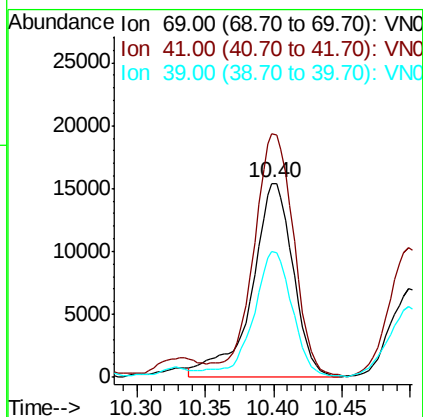
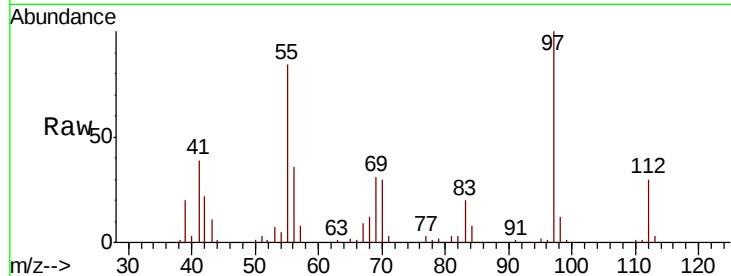
Ion 98.90 (98.60 to 99.60): VN065040.D (-2720) (-)





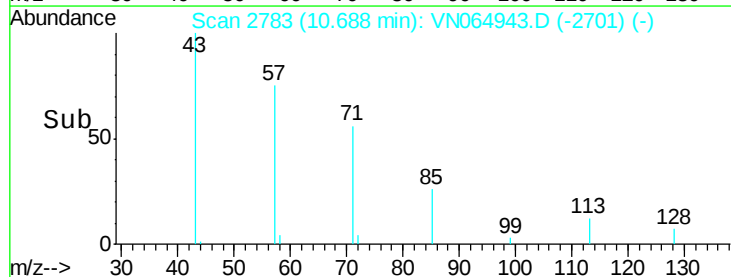
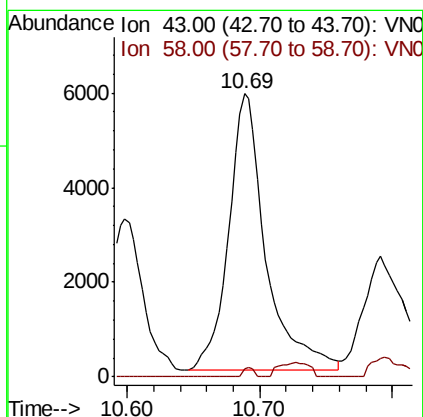
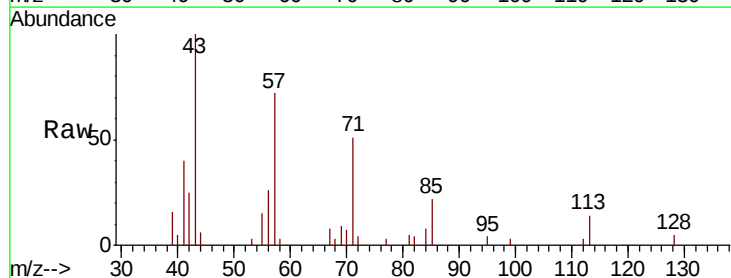
#56
Ethyl methacrylate
Concen: 9.693 ug/l
RT: 10.40 min Scan# 2693
Delta R.T. 0.00 min
Lab File: VN064943.D
Acq: 7 Dec 2020 14:23

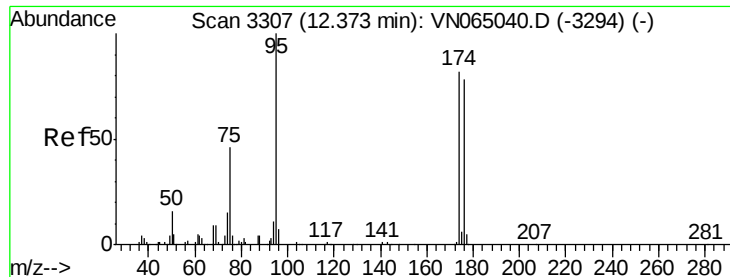
Tot Ion: 69 Resp: 32547
Ion Ratio Lower Upper
69 100
41 120.4 49.4 74.0#
39 61.2 25.9 38.9#



#59
2-Hexanone
Concen: 5.376 ug/l
RT: 10.69 min Scan# 2783
Delta R.T. -0.04 min
Lab File: VN064943.D
Acq: 7 Dec 2020 14:23

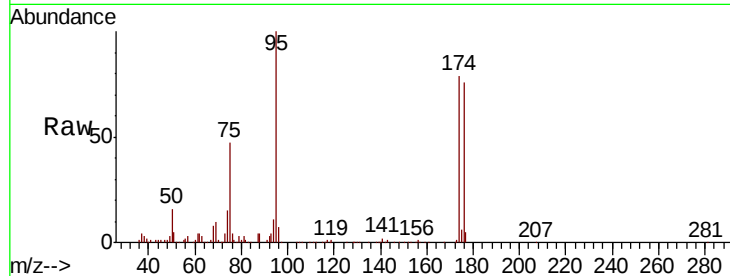
Tgt Ion: 43 Resp: 11290
Ion Ratio Lower Upper
43 100
58 1.0 28.3 84.9#





#62
4-Bromofluorobenzene
Concen: 59.243 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN064943.D
Acq: 7 Dec 2020 14:23

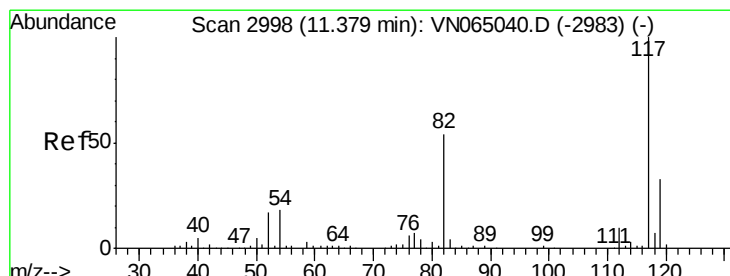
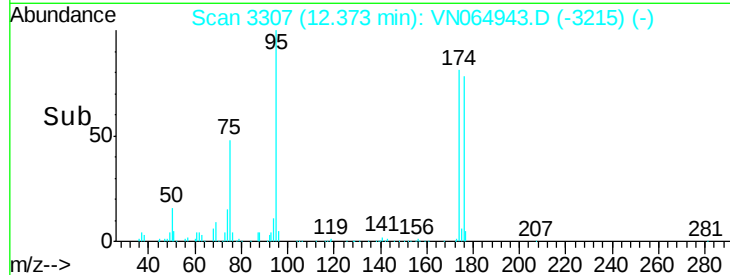
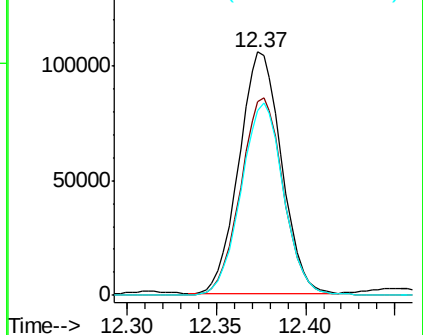
Tot Ion:	95	Resp:	175354
Ion	Ratio	Lower	Upper
95	100		
174	82.1	0.0	160.4
176	79.6	0.0	158.4



Abundance Ion 94.90 (94.60 to 95.60): VN064943.D (-3215) (-)

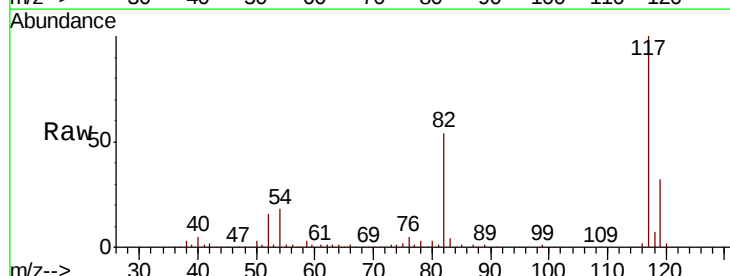
Ion 173.80 (173.50 to 174.50): VN064943.D (-3215) (-)

Ion 175.80 (175.50 to 176.50): VN064943.D (-3215) (-)



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064943.D
Acq: 7 Dec 2020 14:23

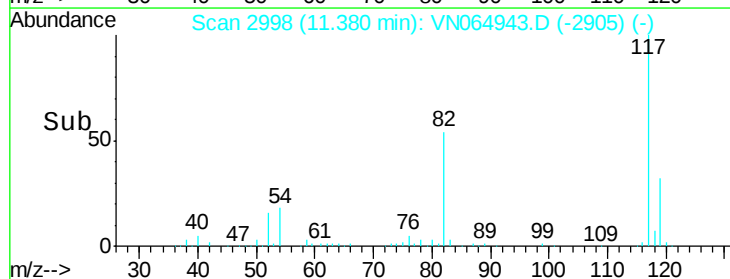
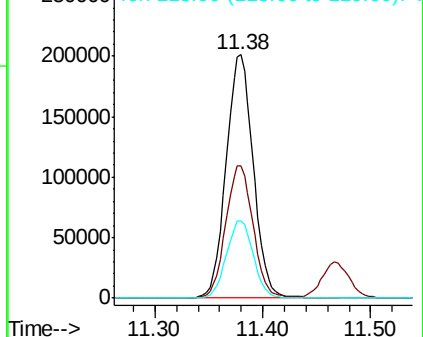
Tgt Ion:	117	Resp:	352692
Ion	Ratio	Lower	Upper
117	100		
82	53.9	44.2	66.2
119	31.9	25.8	38.6

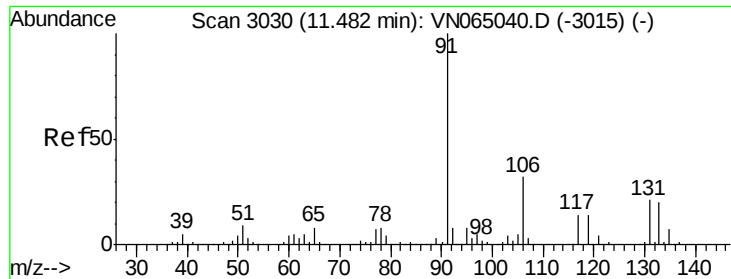


Abundance Ion 116.90 (116.60 to 117.60): VN064943.D (-2905) (-)

Ion 82.00 (81.70 to 82.70): VN064943.D (-2905) (-)

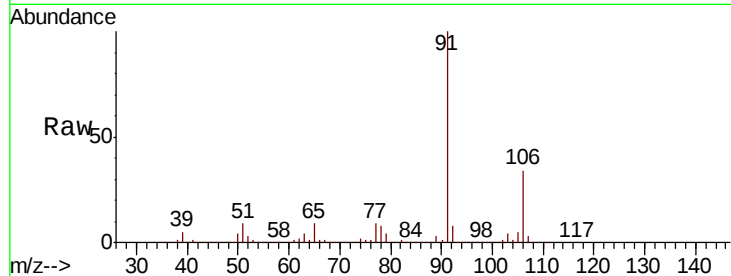
Ion 118.90 (118.60 to 119.60): VN064943.D (-2905) (-)



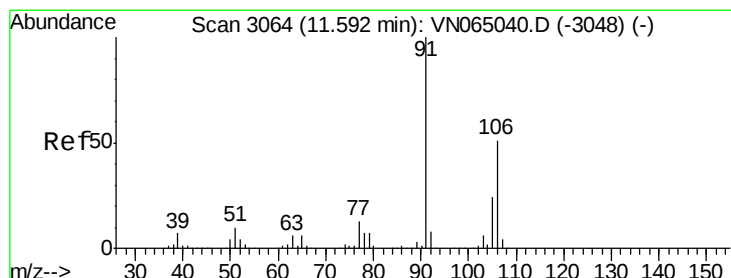
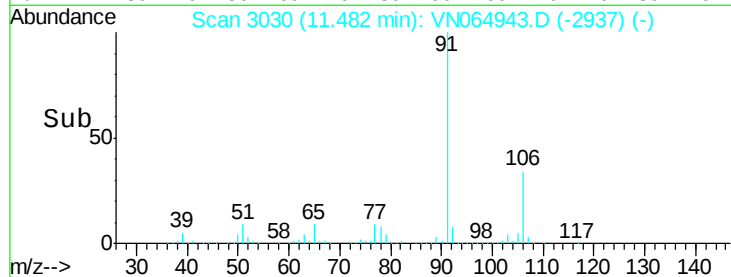
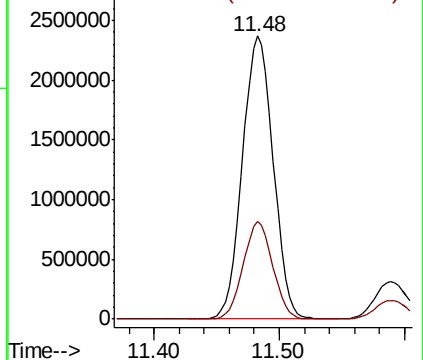


#67
Ethyl Benzene
Concen: 319.630 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064943.D
Acq: 7 Dec 2020 14:23

Tot Ion: 91 Resp: 4044225
Ion Ratio Lower Upper
91 100
106 34.5 25.2 37.8

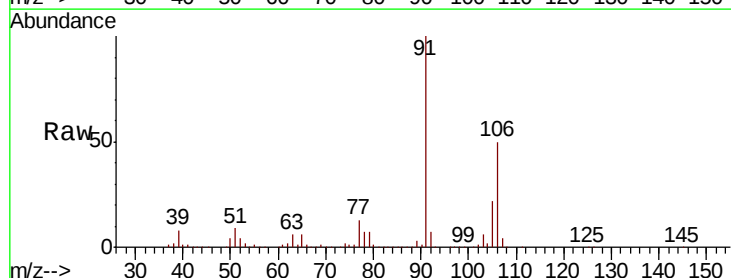


Abundance Ion 91.00 (90.70 to 91.70): VN065040.D (-3015) (-)
Ion 106.00 (105.70 to 106.70): VN065040.D (-3015) (-)

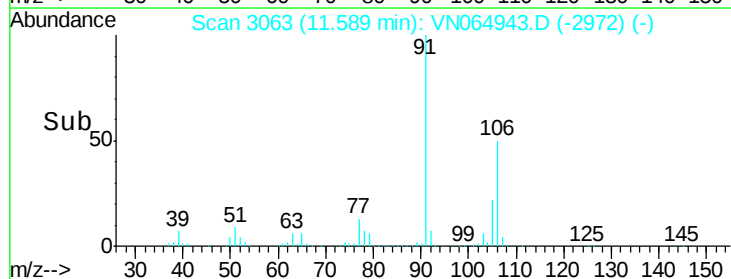
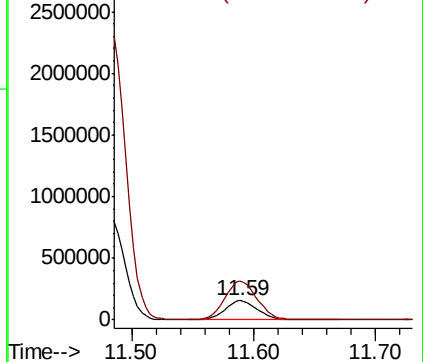


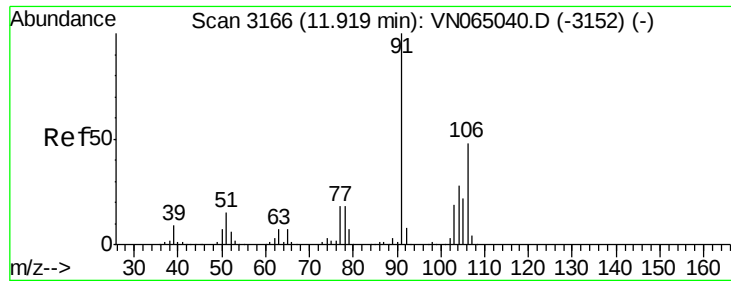
#68
m/p-Xylenes
Concen: 59.871 ug/l
RT: 11.59 min Scan# 3063
Delta R.T. -0.01 min
Lab File: VN064943.D
Acq: 7 Dec 2020 14:23

Tgt Ion: 106 Resp: 286811
Ion Ratio Lower Upper
106 100
91 203.9 161.0 241.4



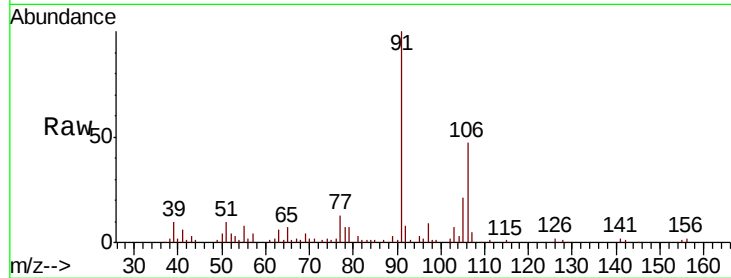
Abundance Ion 106.00 (105.70 to 106.70): VN065040.D (-3048) (-)
Ion 91.00 (90.70 to 91.70): VN065040.D (-3048) (-)



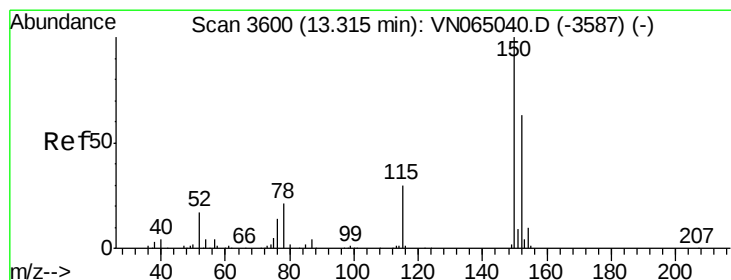
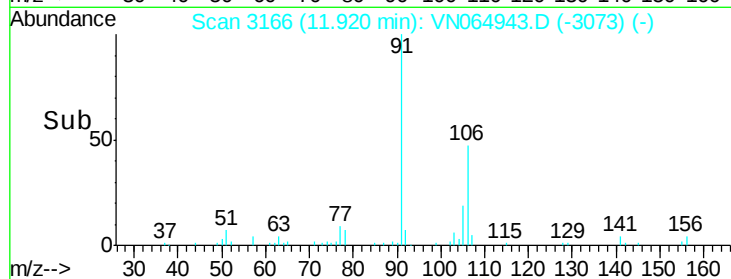
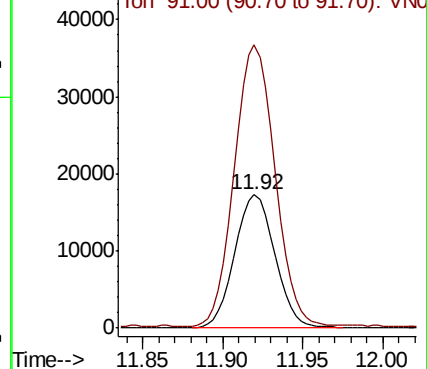


#69
o-Xylene
Concen: 6.527 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064943.D
Acq: 7 Dec 2020 14:23

Tot Ion:106 Resp: 29670
Ion Ratio Lower Upper
106 100
91 213.4 105.5 316.5

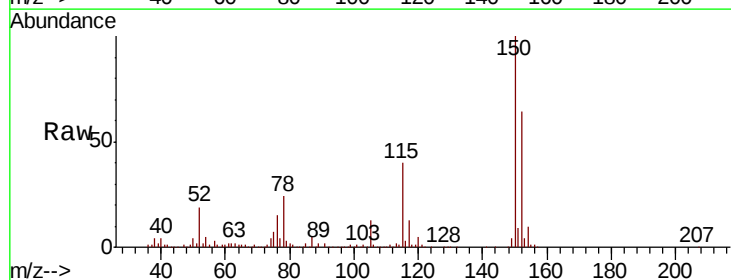


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

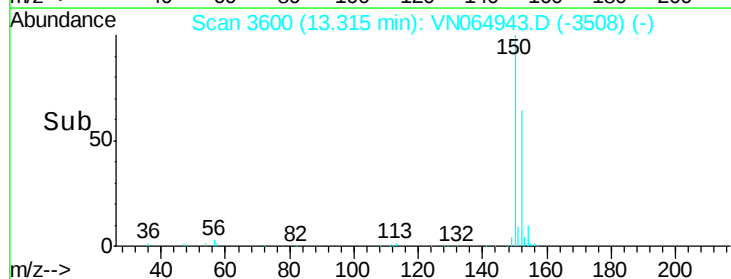
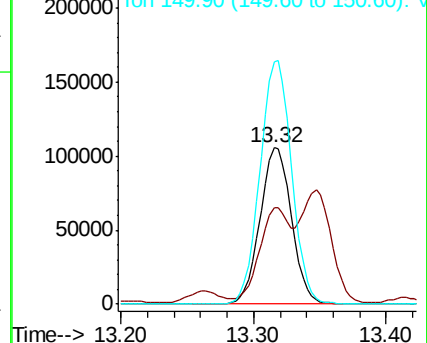


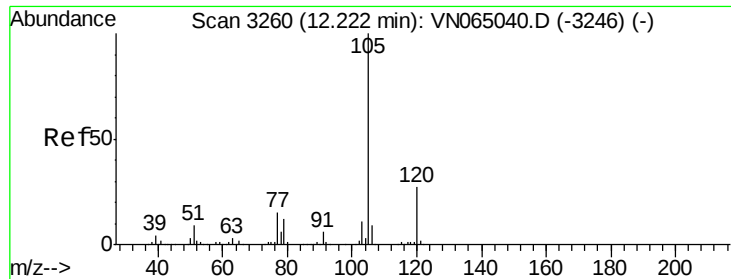
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064943.D
Acq: 7 Dec 2020 14:23

Tgt Ion:152 Resp: 175116
Ion Ratio Lower Upper
152 100
115 56.7 29.7 89.1
150 156.8 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: 63.693 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064943.D

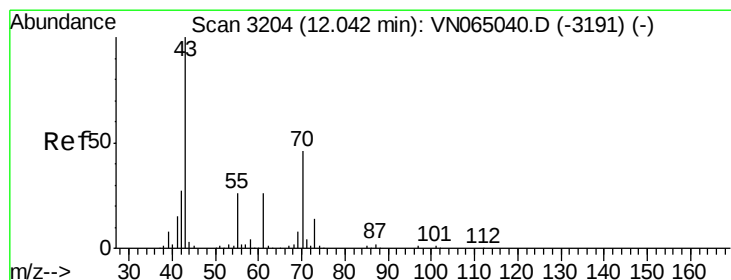
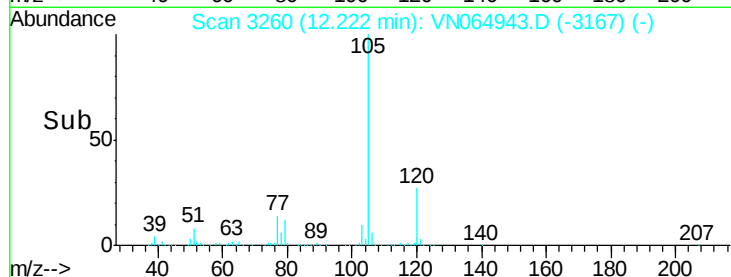
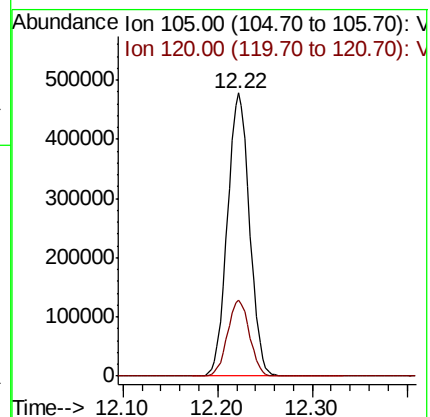
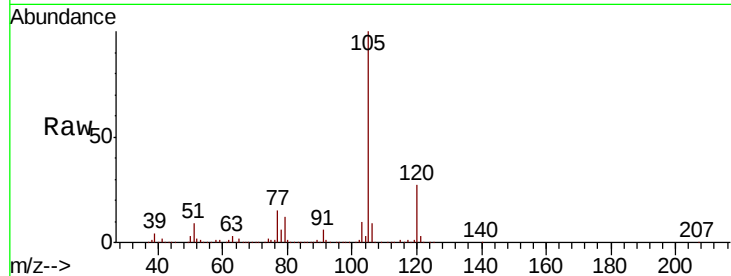
Acq: 7 Dec 2020 14:23

Tot Ion: 105 Resp: 775814

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 0.576 ug/l

RT: 12.02 min Scan# 3196

Delta R.T. -0.03 min

Lab File: VN064943.D

Acq: 7 Dec 2020 14:23

Tgt Ion: 43 Resp: 2760

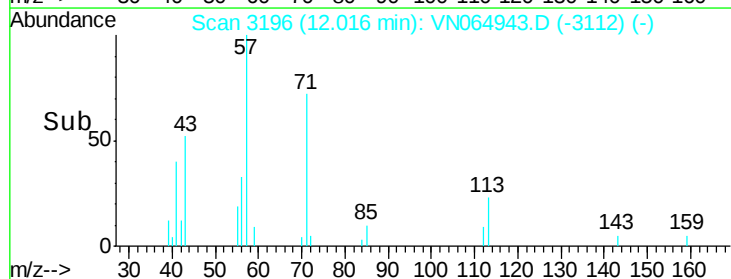
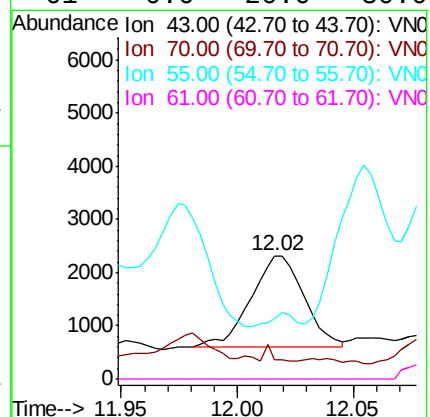
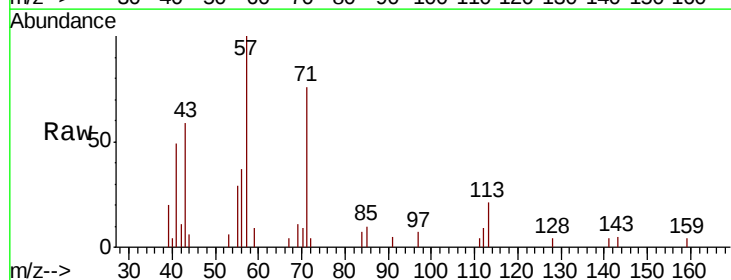
Ion Ratio Lower Upper

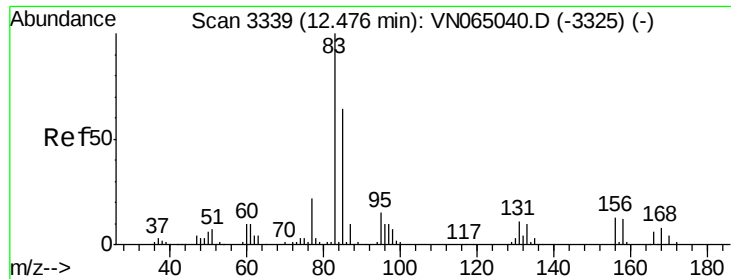
43 100

70 0.0 34.5 51.7#

55 0.0 20.4 30.6#

61 0.0 20.0 30.0#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.327 ug/l

RT: 12.45 min Scan# 3331

Delta R.T. -0.03 min

Lab File: VN064943.D

Acq: 7 Dec 2020 14:23

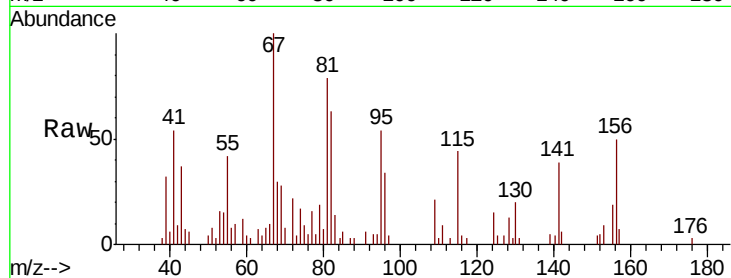
Tot Ion: 83 Resp: 1168

Ion Ratio Lower Upper

83 100

131 15.3 5.1 15.3#

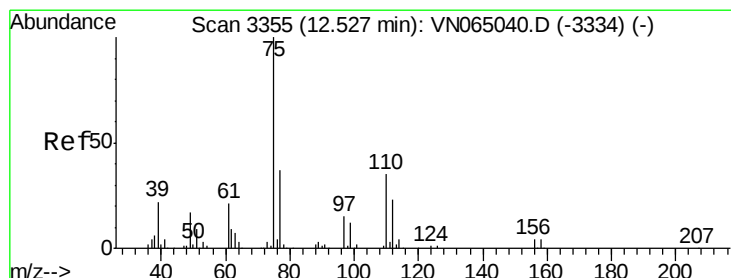
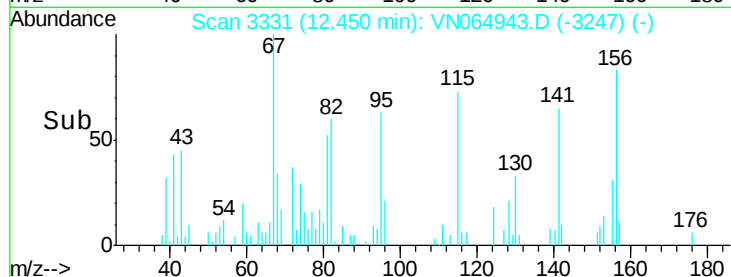
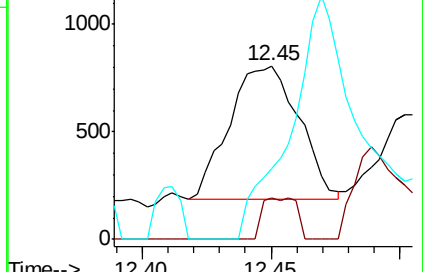
85 176.0 33.0 99.0#



Abundance Ion 82.90 (82.60 to 83.60): VN065040.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN065040.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN065040.D (-3325) (-)



#76

1,2,3-Trichloropropane

Concen: 1.593 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. 0.04 min

Lab File: VN064943.D

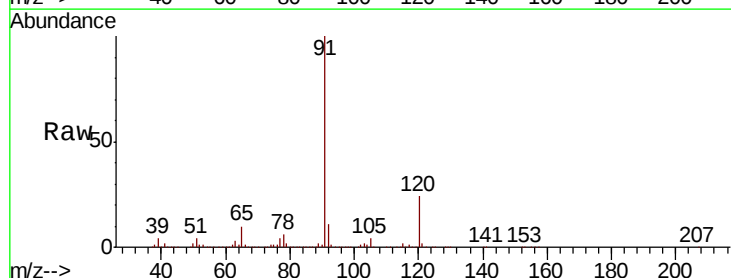
Acq: 7 Dec 2020 14:23

Tgt Ion: 75 Resp: 6008

Ion Ratio Lower Upper

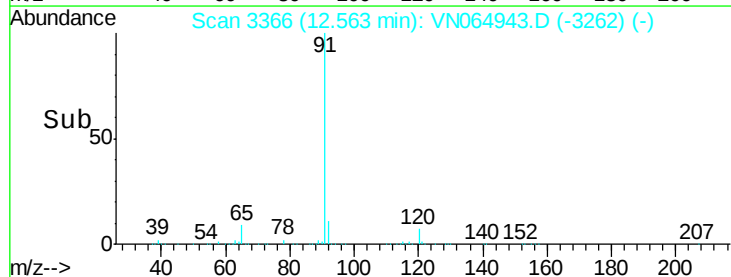
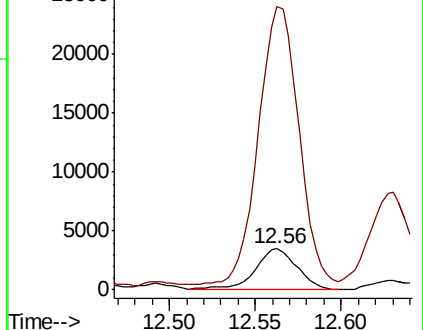
75 100

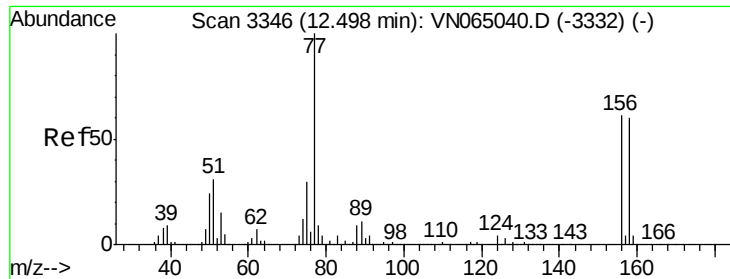
77 634.5 0.0 0.0#



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

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





#77

Bromobenzene

Concen: 5.154 ug/l

RT: 12.47 min Scan# 3336

Delta R.T. -0.03 min

Lab File: VN064943.D

Acq: 7 Dec 2020 14:23

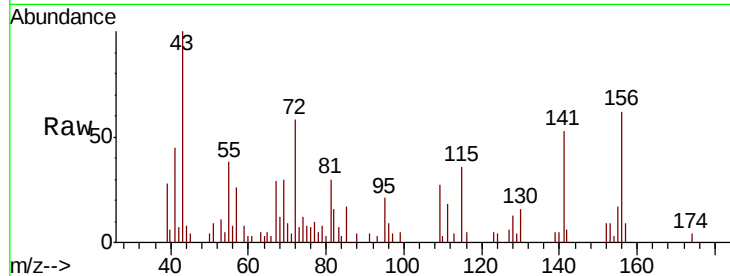
Tot Ion:156 Resp: 16926

Ion Ratio Lower Upper

156 100

77 0.0 101.3 303.7#

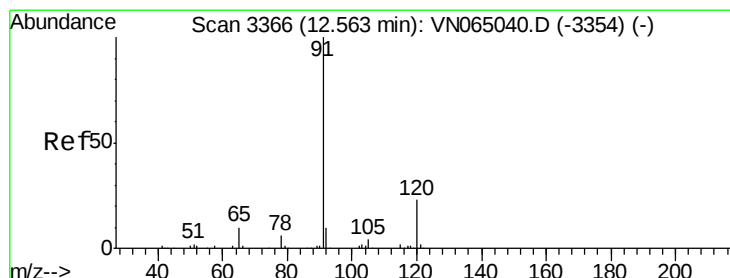
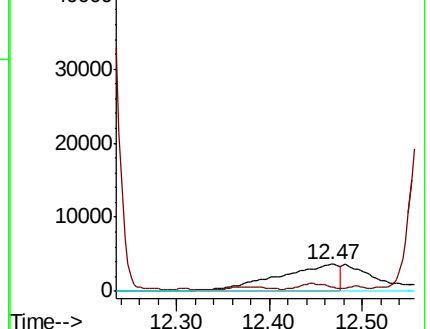
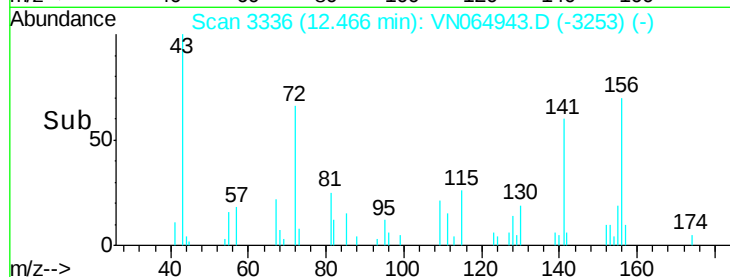
158 0.0 48.2 144.6#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 72.520 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064943.D

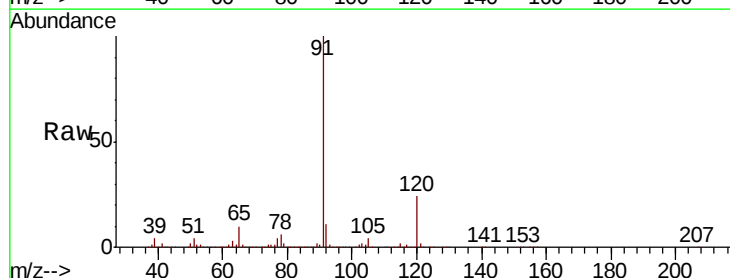
Acq: 7 Dec 2020 14:23

Tgt Ion: 91 Resp: 1006290

Ion Ratio Lower Upper

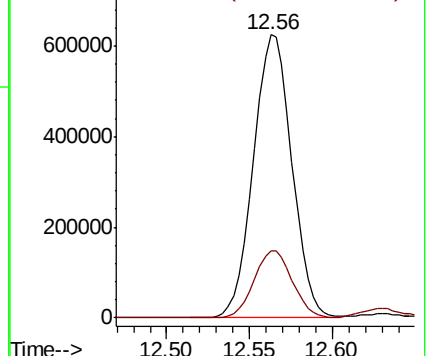
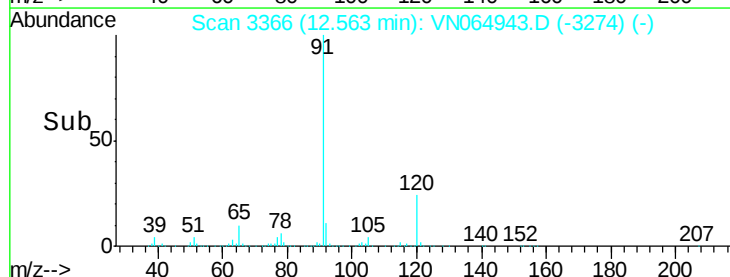
91 100

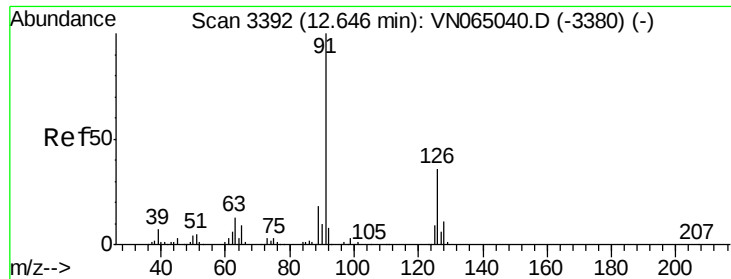
120 23.6 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

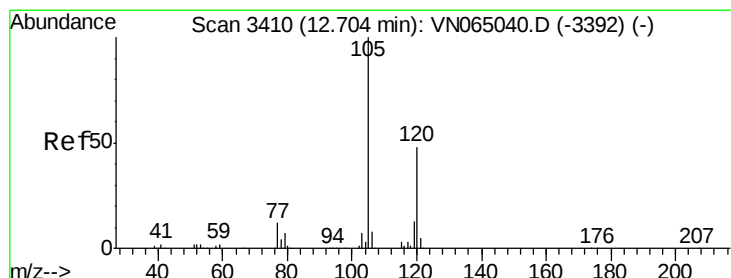
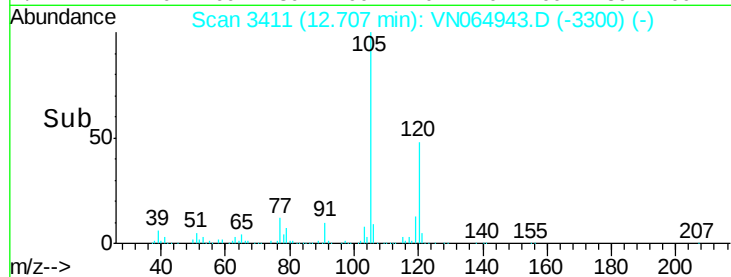
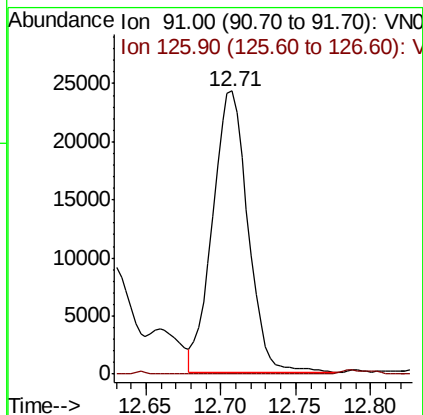
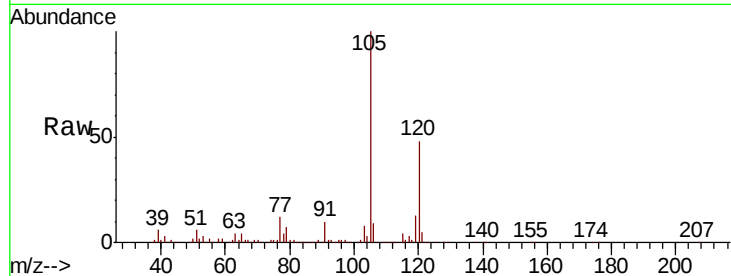
Ion 120.00 (119.70 to 120.70): V





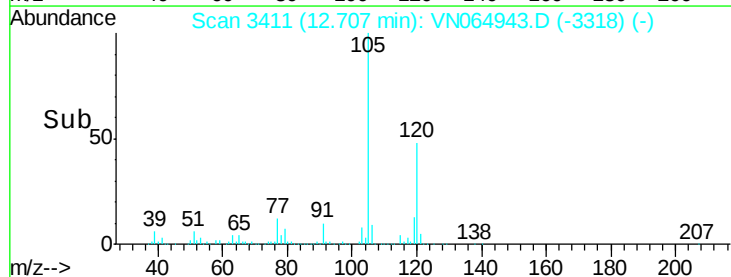
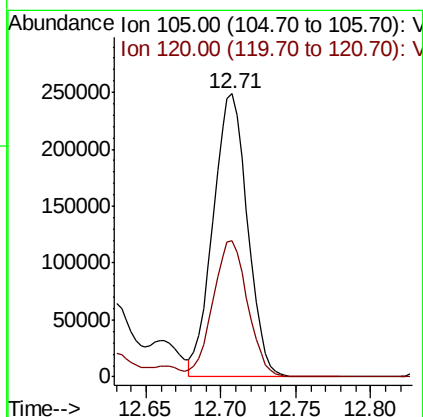
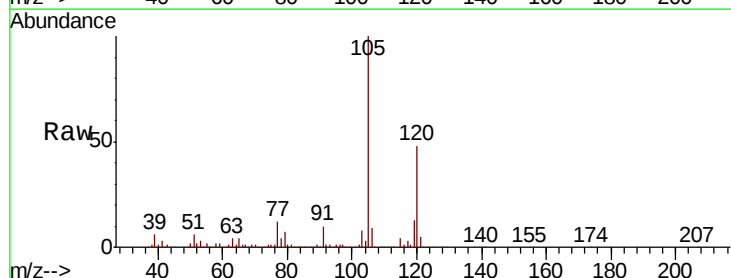
#79
2-Chlorotoluene
Concen: 4.636 ug/l
RT: 12.71 min Scan# 3411
Delta R.T. 0.06 min
Lab File: VN064943.D
Acq: 7 Dec 2020 14:23

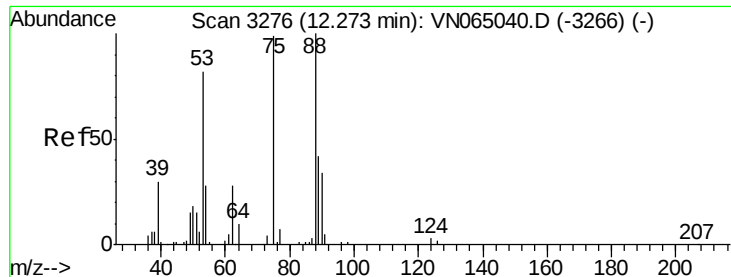
Tot Ion: 91 Resp: 39769
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#



#80
1,3,5-Trimethylbenzene
Concen: 39.198 ug/l
RT: 12.71 min Scan# 3411
Delta R.T. 0.00 min
Lab File: VN064943.D
Acq: 7 Dec 2020 14:23

Tgt Ion: 105 Resp: 396858
Ion Ratio Lower Upper
105 100
120 48.9 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 5.811 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.05 min

Lab File: VN064943.D

Acq: 7 Dec 2020 14:23

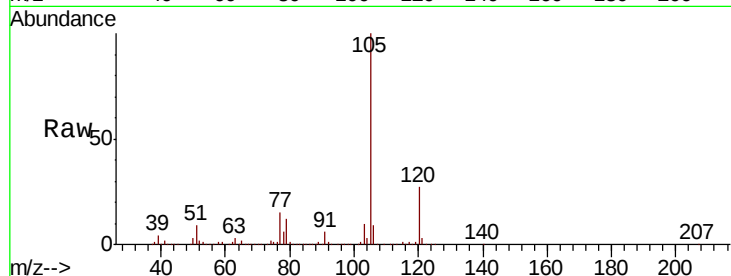
Tot Ion: 75 Resp: 7996

Ion Ratio Lower Upper

75 100

53 98.0 67.0 100.4

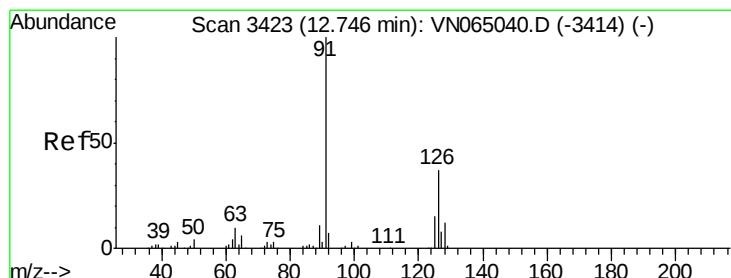
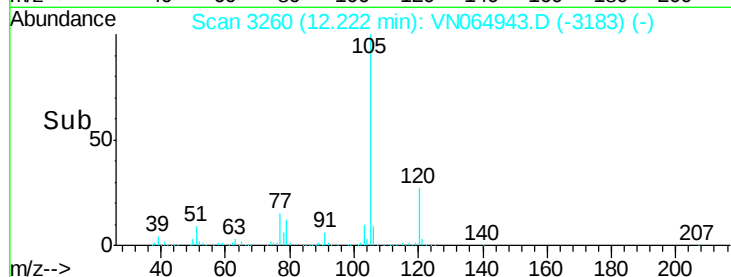
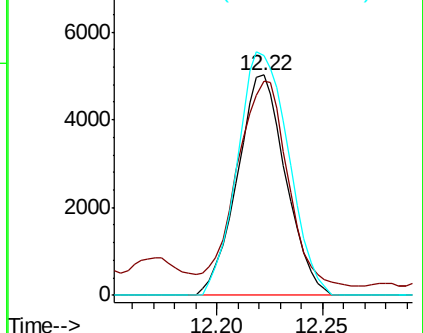
89 117.0 39.6 59.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 4.423 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.04 min

Lab File: VN064943.D

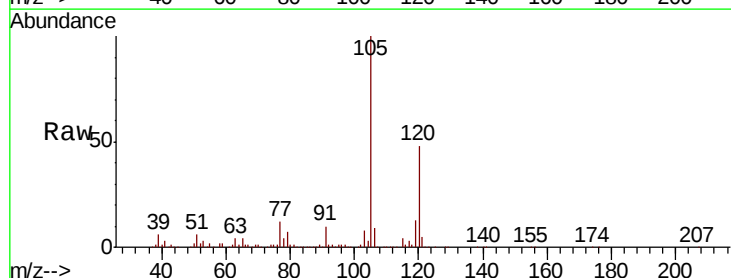
Acq: 7 Dec 2020 14:23

Tgt Ion: 91 Resp: 39769

Ion Ratio Lower Upper

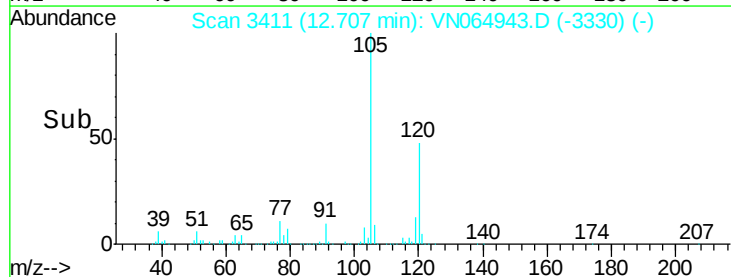
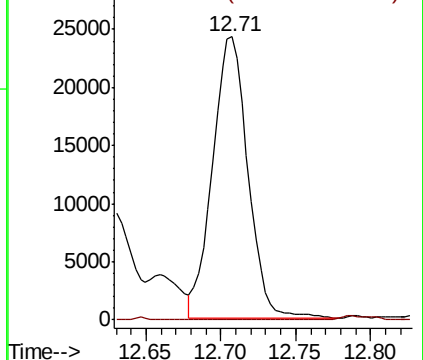
91 100

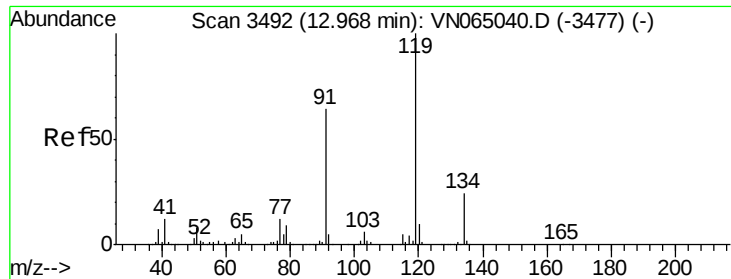
126 0.0 16.9 50.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

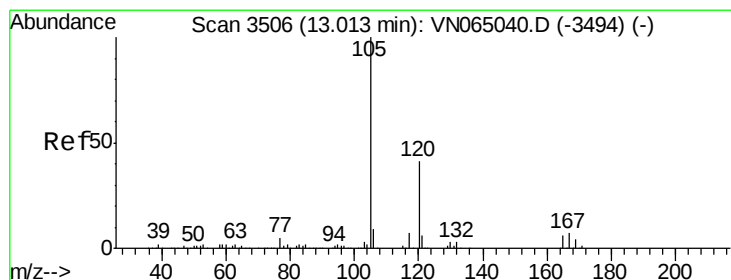
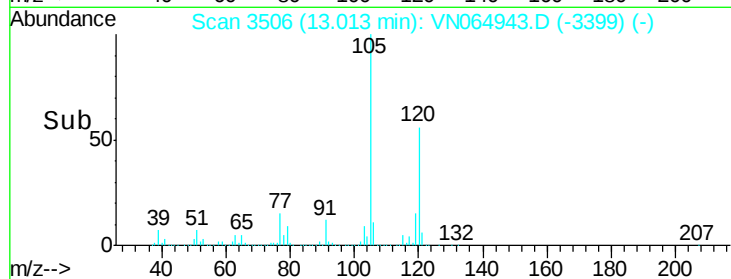
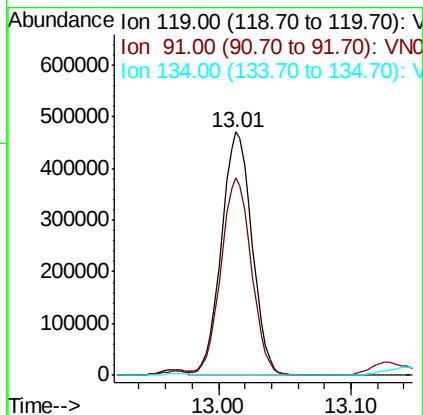
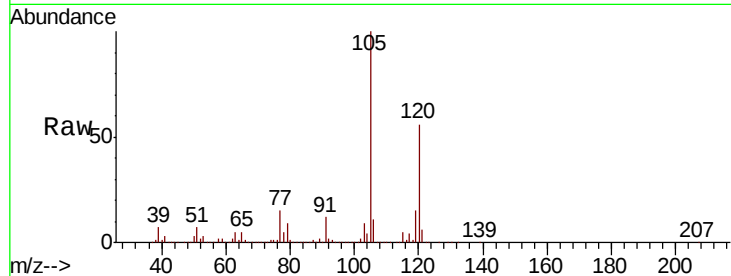
Ion 125.90 (125.60 to 126.60): V





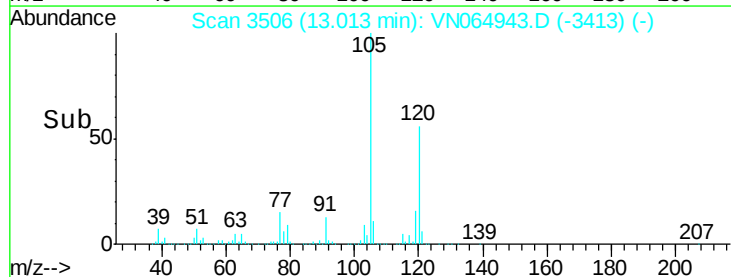
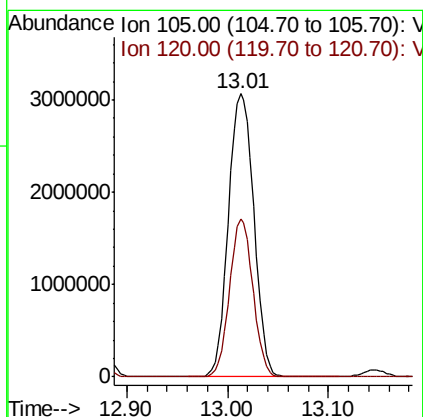
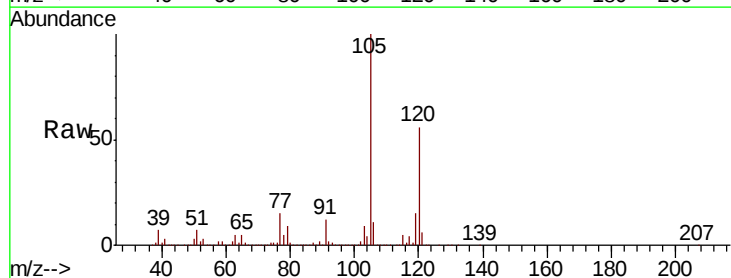
#83
 tert-Butylbenzene
 Concen: 88.962 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.05 min
 Lab File: VN064943.D
 Acq: 7 Dec 2020 14:23

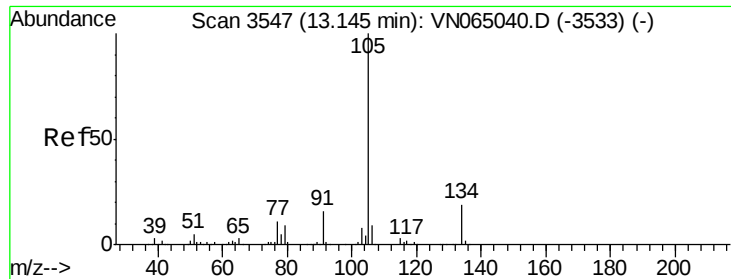
Tot Ion:119 Resp: 754953
 Ion Ratio Lower Upper
 119 100
 91 80.6 32.3 96.8
 134 0.0 12.6 37.6#



#84
 1,2,4-Trimethylbenzene
 Concen: 527.766 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064943.D
 Acq: 7 Dec 2020 14:23

Tgt Ion:105 Resp: 5402470
 Ion Ratio Lower Upper
 105 100
 120 51.4 23.1 69.2





#85

sec-Butylbenzene

Concen: 479.436 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. -0.13 min

Lab File: VN064943.D

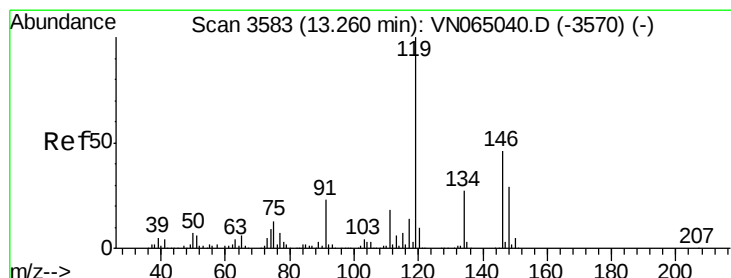
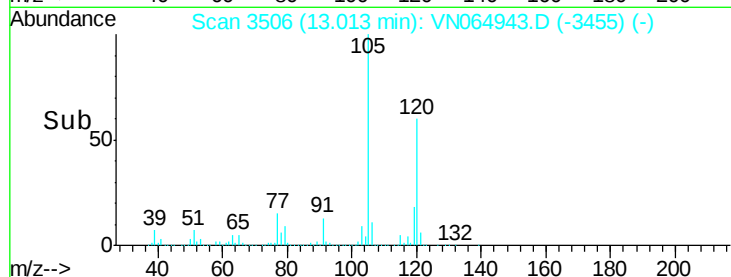
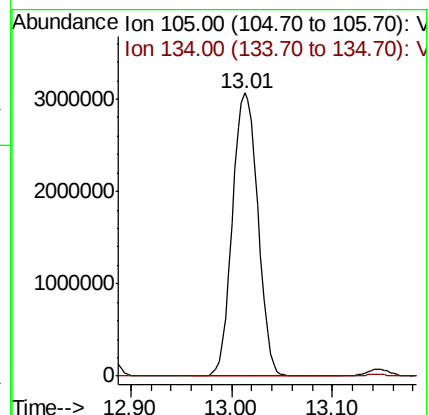
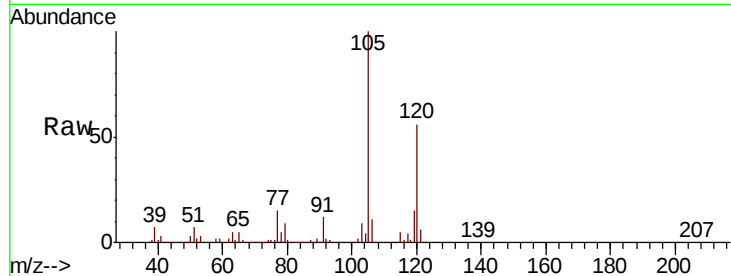
Acq: 7 Dec 2020 14:23

Tot Ion:105 Resp: 5402004

Ion Ratio Lower Upper

105 100

134 0.0 10.1 30.1#



#86

p-Isopropyltoluene

Concen: 13.384 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064943.D

Acq: 7 Dec 2020 14:23

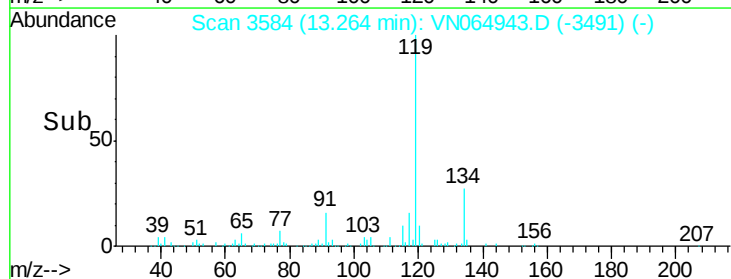
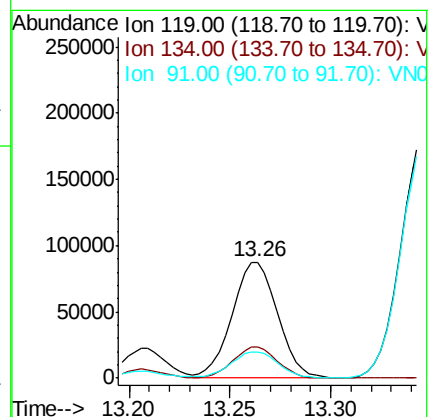
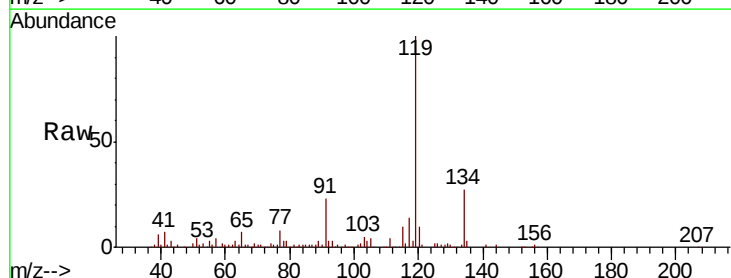
Tgt Ion:119 Resp: 137296

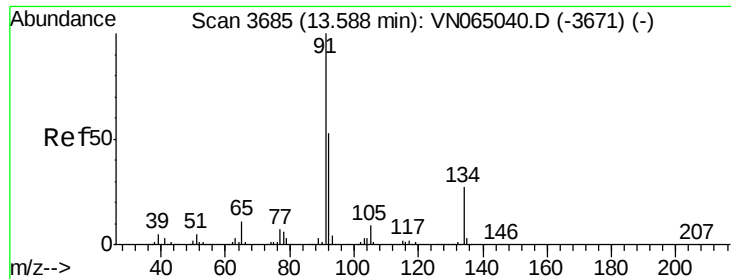
Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.1

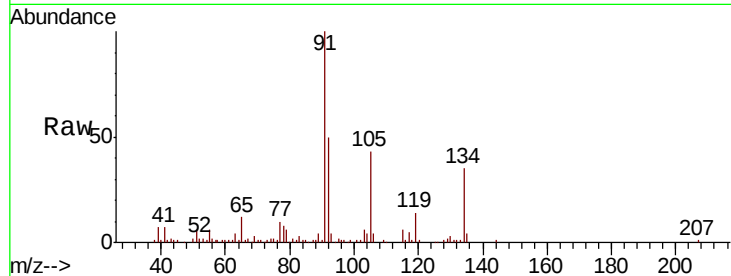
91 22.7 11.5 34.5



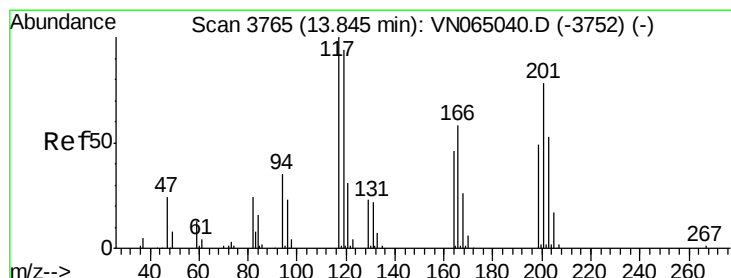
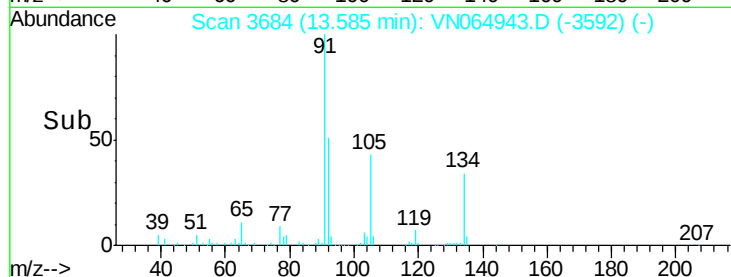
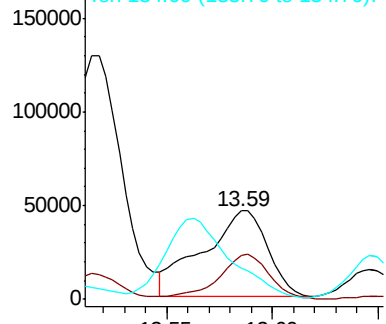


#89
n-Butylbenzene
Concen: 10.787 ug/l
RT: 13.59 min Scan# 3684
Delta R.T. -0.00 min
Lab File: VN064943.D
Acq: 7 Dec 2020 14:23

Tot Ion: 91 Resp: 97180
Ion Ratio Lower Upper
91 100
92 40.6 26.0 78.0
134 0.0 12.9 38.6#

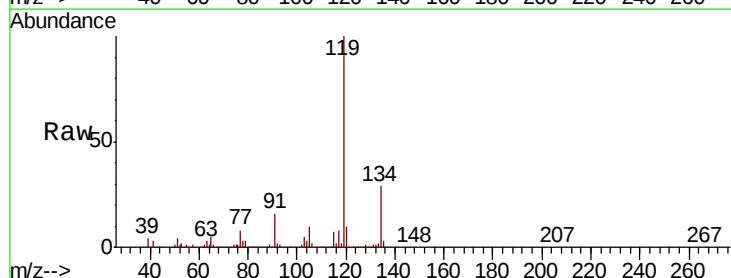


Abundance Ion 91.00 (90.70 to 91.70): VN065040.D (-3671) (-)
Ion 92.00 (91.70 to 92.70): VN065040.D (-3671) (-)
Ion 134.00 (133.70 to 134.70): VN065040.D (-3671) (-)

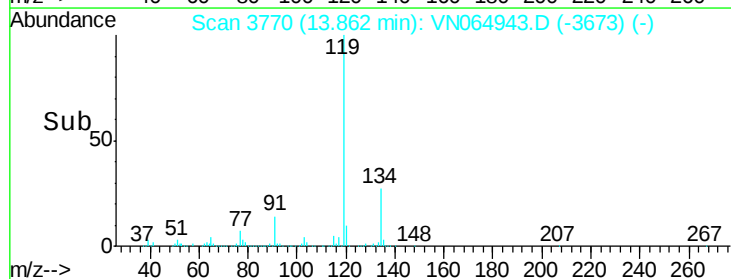
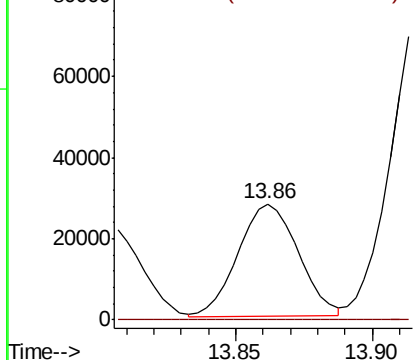


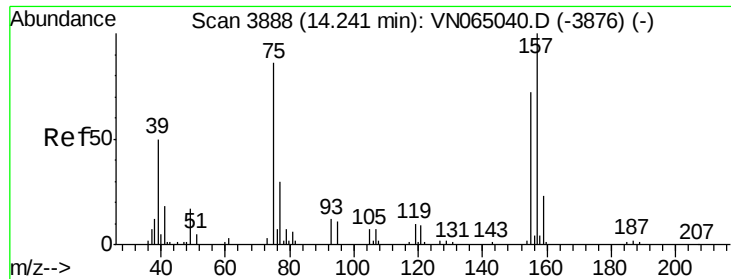
#90
Hexachloroethane
Concen: 23.789 ug/l
RT: 13.86 min Scan# 3770
Delta R.T. 0.01 min
Lab File: VN064943.D
Acq: 7 Dec 2020 14:23

Tgt Ion: 117 Resp: 42393
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: 4.303 ug/l

RT: 14.22 min Scan# 3882

Delta R.T. -0.02 min

Lab File: VN064943.D

Acq: 7 Dec 2020 14:23

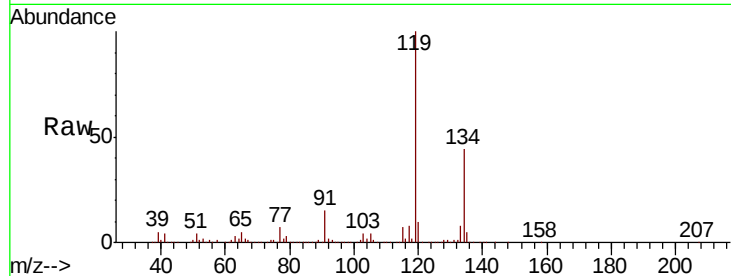
Tot Ion: 75 Resp: 3457

Ion Ratio Lower Upper

75 100

155 0.0 42.8 128.3#

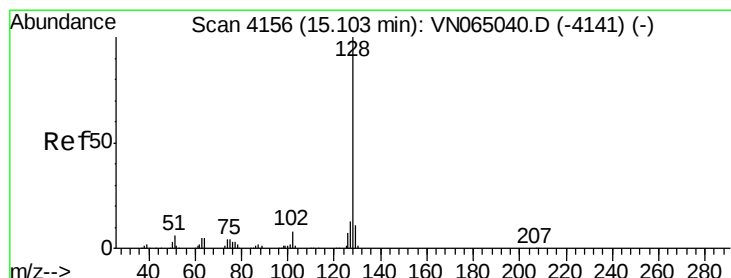
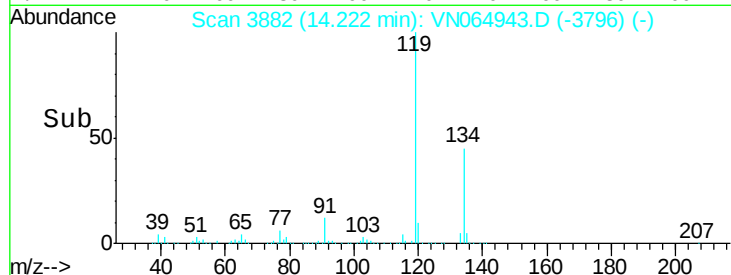
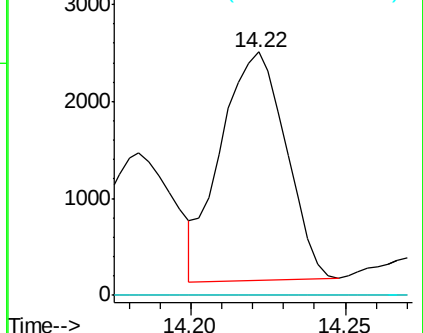
157 0.0 56.4 169.1#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#95

Naphthalene

Concen: 213.848 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064943.D

Acq: 7 Dec 2020 14:23

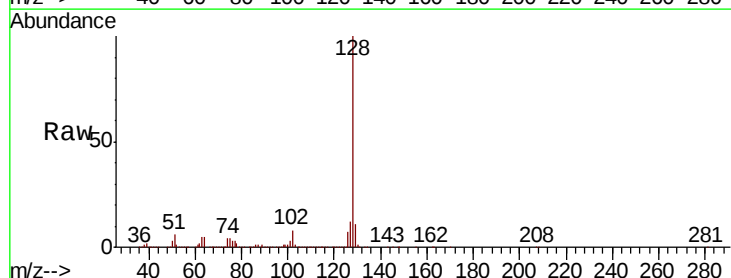
Tgt Ion:128 Resp: 2270382

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 10.7 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

