

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064814.D
 Acq On : 24 Nov 2020 16:40
 Operator : JC/MD
 Sample : L4829-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5

Quant Time: Nov 25 04:05:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	174923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	314191	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	320159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	156112	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	103045	50.67	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.34%
35) Dibromofluoromethane	7.55	113	94517	50.27	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.54%
50) Toluene-d8	10.06	98	394551	51.36	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.72%
62) 4-Bromofluorobenzene	12.37	95	158500	57.66	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	115.32%

Target Compounds

					Qvalue	
11) Tert butyl alcohol	4.75	59	1314	4.143	ug/l #	73
13) Acrolein	3.75	56	316	1.631	ug/l #	48
15) Acrylonitrile	4.99	53	2082	2.376	ug/l #	44
16) Acetone	3.78	43	14139	21.150	ug/l	93
17) Carbon Disulfide	4.01	76	908	0.213	ug/l #	75
18) Methyl Acetate	4.49	43	6638	3.303	ug/l #	50
19) Methyl tert-butyl Ether	5.00	73	130645	24.015	ug/l #	63
25) 2-Butanone	6.78	43	715	0.660	ug/l #	76
31) Cyclohexane	7.61	56	49187	17.354	ug/l #	95
36) 1,1-Dichloropropene	7.63	75	12043	4.135	ug/l #	45
38) Carbon Tetrachloride	7.62	117	16779	5.537	ug/l #	16
39) Methylcyclohexane	9.05	83	83992	26.791	ug/l	99
40) Benzene	8.00	78	237862	26.654	ug/l	100
43) Isopropyl Acetate	8.12	43	7273	1.611	ug/l #	59
45) 1,2-Dichloropropane	9.05	63	592	0.256	ug/l #	1
47) Bromodichloromethane	9.35	83	2797	0.900	ug/l #	24
48) Methyl methacrylate	9.11	41	1714	0.795	ug/l #	12
51) 4-Methyl-2-Pentanone	9.96	43	1756	0.648	ug/l	92
52) Toluene	10.12	92	5997	1.091	ug/l	94
55) 1,1,2-Trichloroethane	10.50	97	17177	7.601	ug/l #	18
56) Ethyl methacrylate	10.39	69	2333	0.748	ug/l #	31
58) 2-Chloroethyl Vinyl ether	9.58	63	695	0.405	ug/l #	46
59) 2-Hexanone	10.58	43	8852	4.539	ug/l	75
60) Dibromochloromethane	10.60	129	1166	0.464	ug/l #	10
64) Tetrachloroethene	10.59	164	1122	0.360	ug/l #	84
67) Ethyl Benzene	11.48	91	7228	0.629	ug/l	96
68) m/p-Xylenes	11.59	106	32336	7.436	ug/l	98
69) o-Xylene	11.92	106	9714	2.354	ug/l	91
73) Isopropylbenzene	12.22	105	34514	3.178	ug/l	99
76) 1,2,3-Trichloropropane	12.37	75	75788	22.543	ug/l #	100
78) n-propylbenzene	12.56	91	16494	1.333	ug/l	98
79) 2-Chlorotoluene	12.66	91	3405	0.445	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.71	105	16486	1.827	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.37	75	75788	61.784	ug/l #	15

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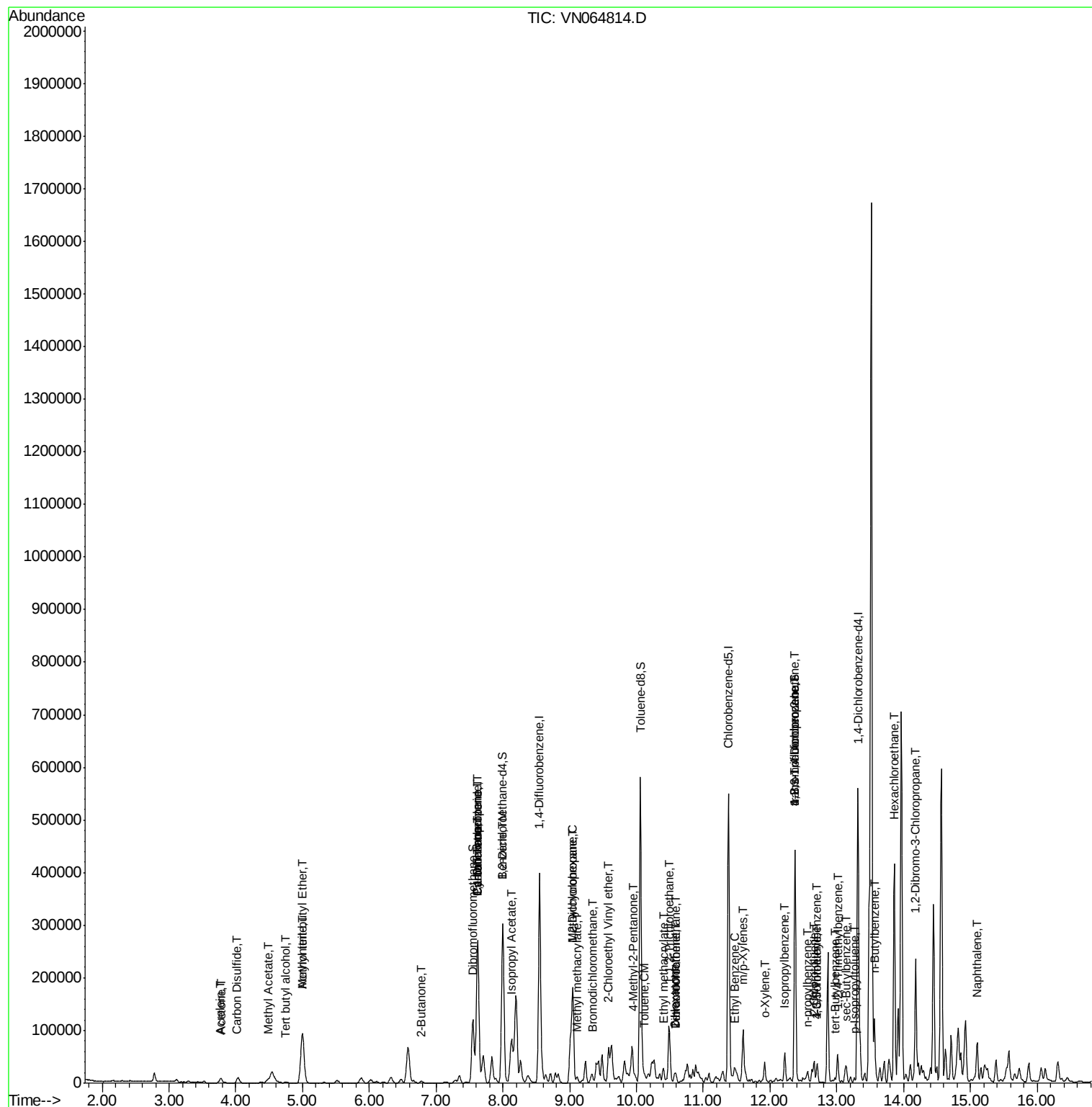
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	12.70	91	2035	0.254	ug/l #	41
83) tert-Butylbenzene	12.96	119	3026	0.400	ug/l	90
84) 1,2,4-Trimethylbenzene	13.01	105	30784	3.373	ug/l	98
85) sec-Butylbenzene	13.14	105	19782	1.969	ug/l #	73
86) p-Isopropyltoluene	13.26	119	5027	0.550	ug/l #	51
89) n-Butylbenzene	13.56	91	18109	2.255	ug/l #	1
90) Hexachloroethane	13.86	117	22362	14.076	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.18	75	958	1.338	ug/l #	1
95) Naphthalene	15.10	128	64911	6.858	ug/l	99

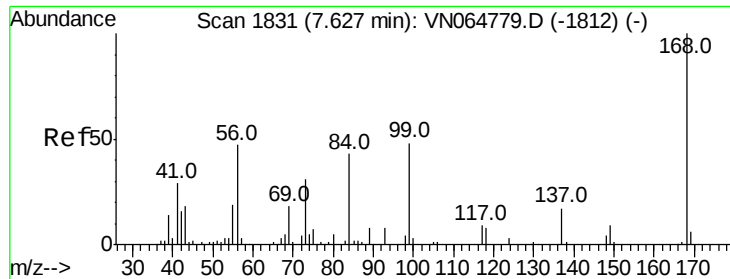
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064814.D

Acq: 24 Nov 2020 16:40

Instrument :

MSVOA_N

ClientSampled :

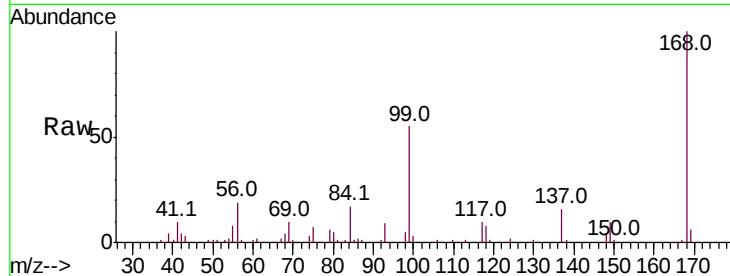
MW-5

Tot Ion:168 Resp: 174923

Ion Ratio Lower Upper

168 100

99 54.9 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

60000

40000

20000

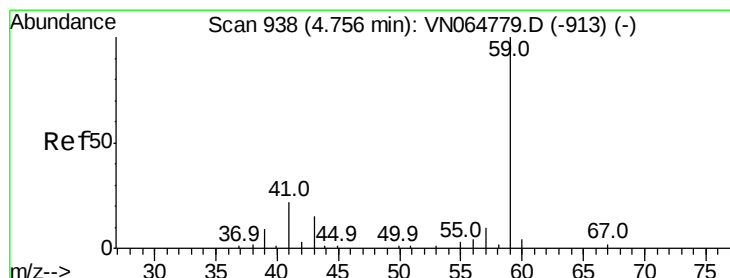
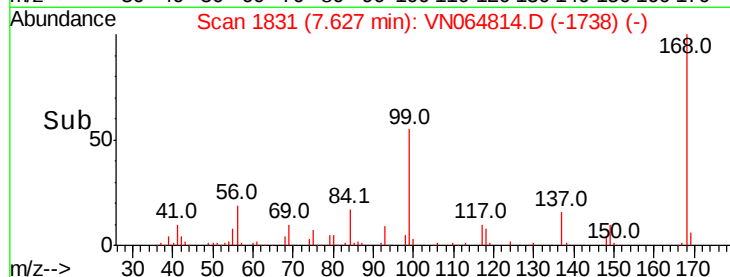
0

Time-->

7.50

7.60

7.70



#11

Tert butyl alcohol

Concen: 4.143 ug/l

RT: 4.75 min Scan# 937

Delta R.T. -0.00 min

Lab File: VN064814.D

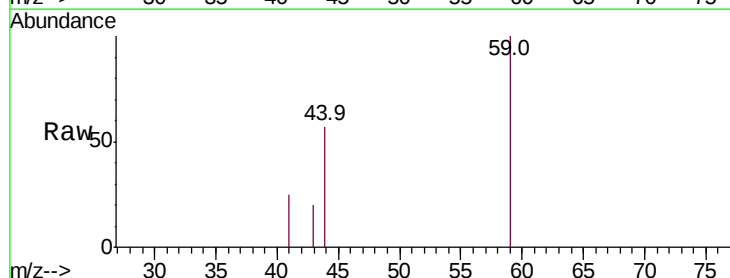
Acq: 24 Nov 2020 16:40

Tgt Ion: 59 Resp: 1314

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

1000

800

600

400

200

0

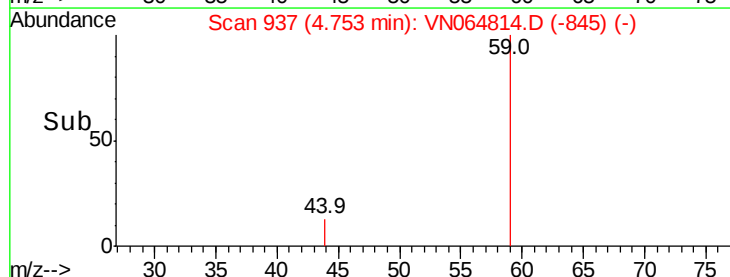
Time-->

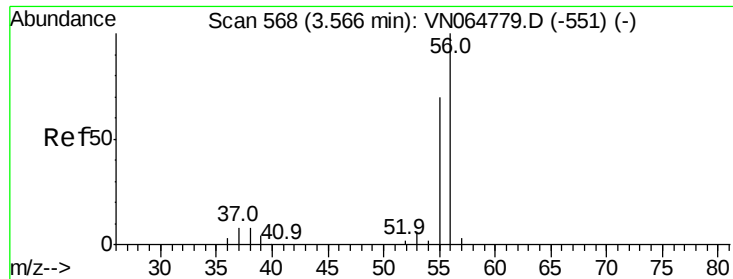
4.74

4.76

4.78

4.80





#13

Acrolein

Concen: 1.631 ug/l

RT: 3.75 min Scan# 625

Delta R.T. 0.18 min

Lab File: VN064814.D

Acq: 24 Nov 2020 16:40

Instrument :

MSVOA_N

ClientSampled :

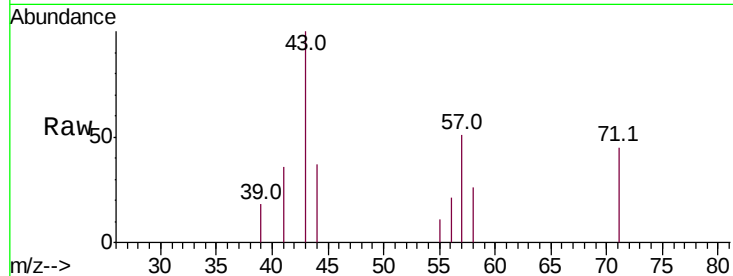
MW-5

Tot Ion: 56 Resp: 316

Ion Ratio Lower Upper

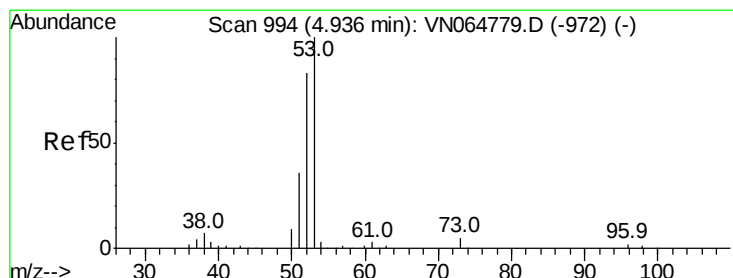
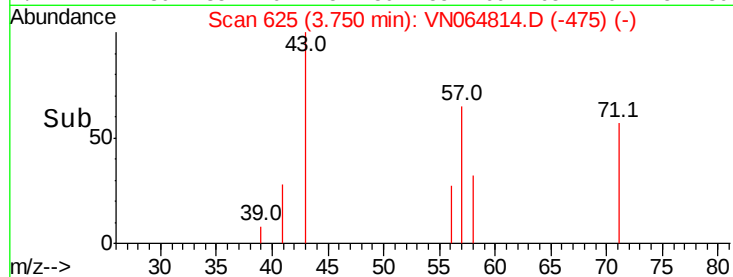
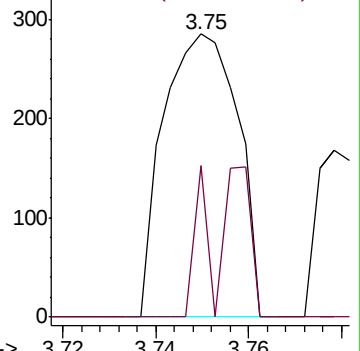
56 100

55 27.5 56.5 84.7#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#15

Acrylonitrile

Concen: 2.376 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.06 min

Lab File: VN064814.D

Acq: 24 Nov 2020 16:40

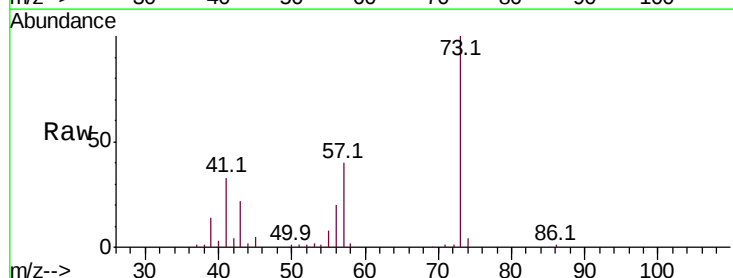
Tgt Ion: 53 Resp: 2082

Ion Ratio Lower Upper

53 100

52 12.8 65.5 98.3#

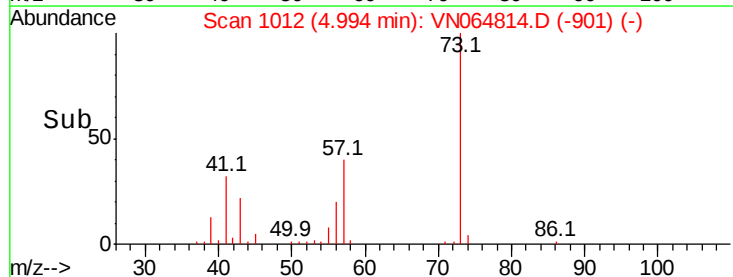
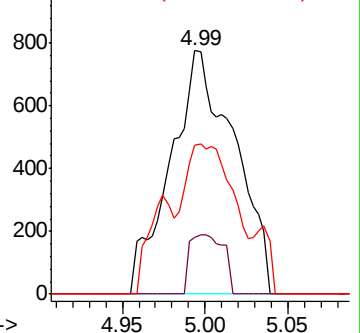
51 31.9 28.6 43.0

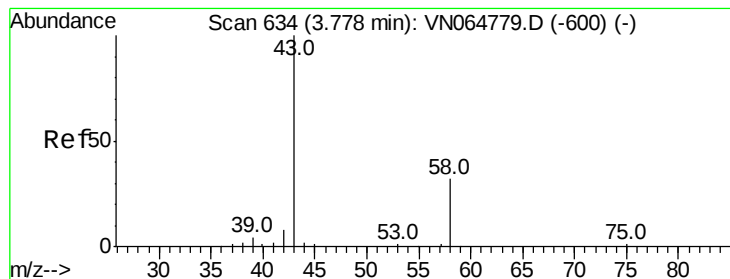


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#16

Acetone

Concen: 21.150 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064814.D

Acq: 24 Nov 2020 16:40

Instrument :

MSVOA_N

ClientSampled :

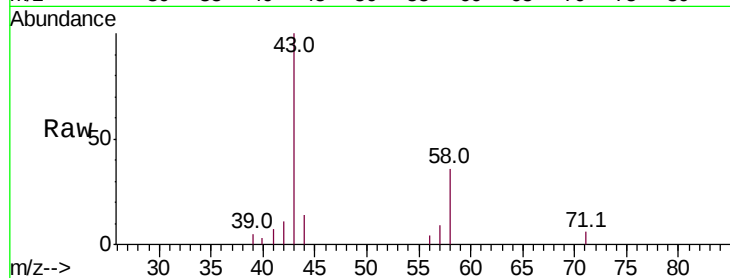
MW-5

Tot Ion: 43 Resp: 14139

Ion Ratio Lower Upper

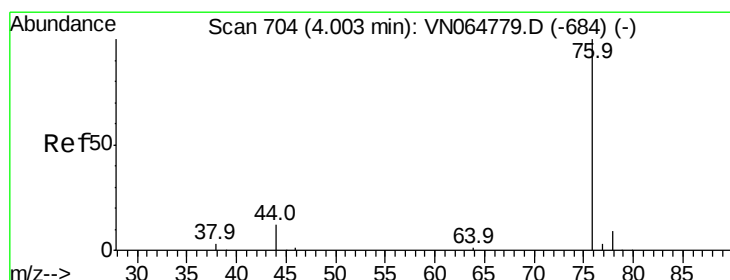
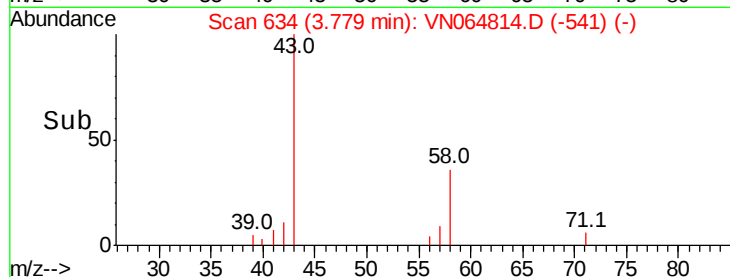
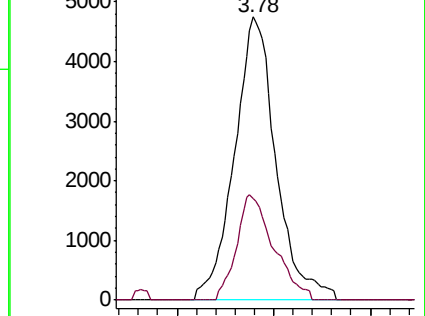
43 100

58 36.0 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 0.213 ug/l

RT: 4.01 min Scan# 706

Delta R.T. 0.01 min

Lab File: VN064814.D

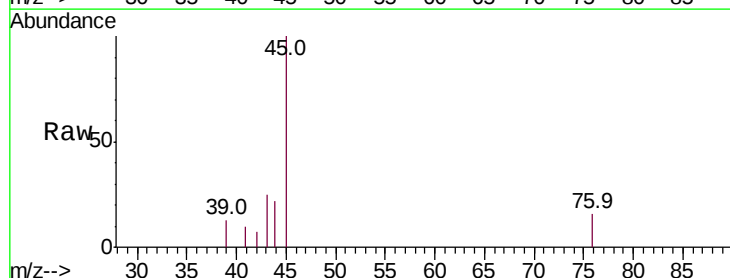
Acq: 24 Nov 2020 16:40

Tgt Ion: 76 Resp: 908

Ion Ratio Lower Upper

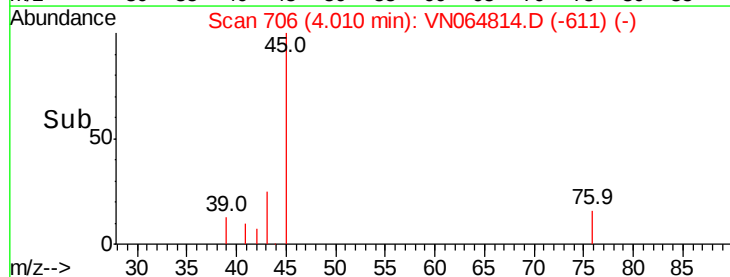
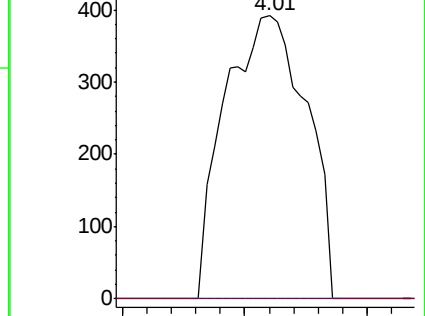
76 100

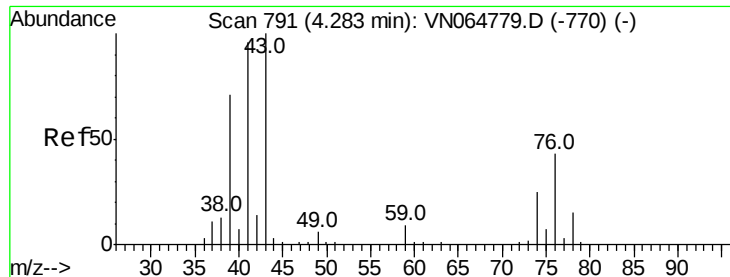
78 0.0 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

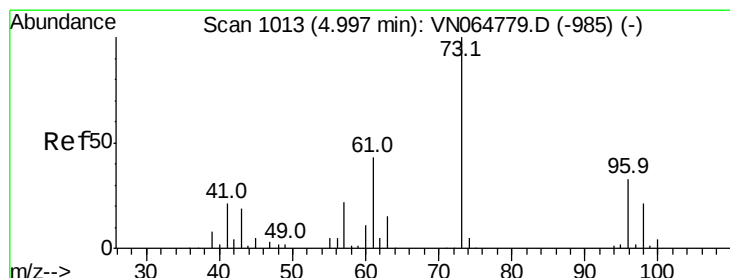
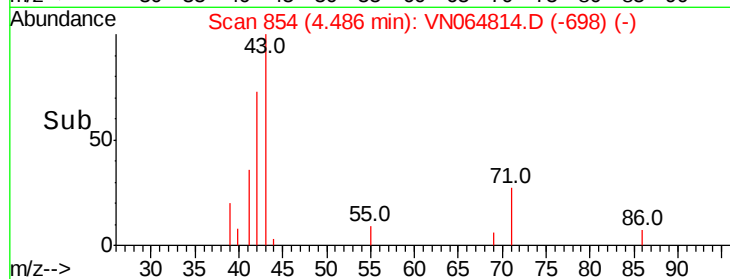
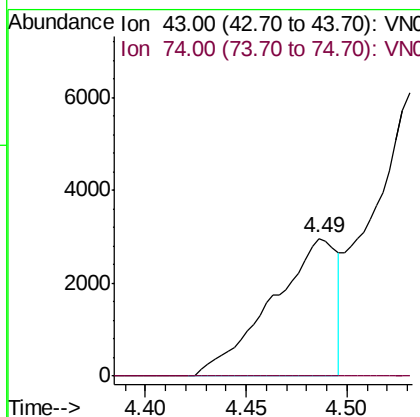
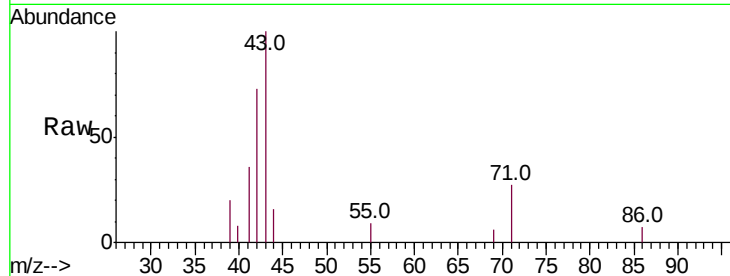




#18
Methyl Acetate
Concen: 3.303 ug/l
RT: 4.49 min Scan# 854
Delta R.T. 0.20 min
Lab File: VN064814.D
Acq: 24 Nov 2020 16:40

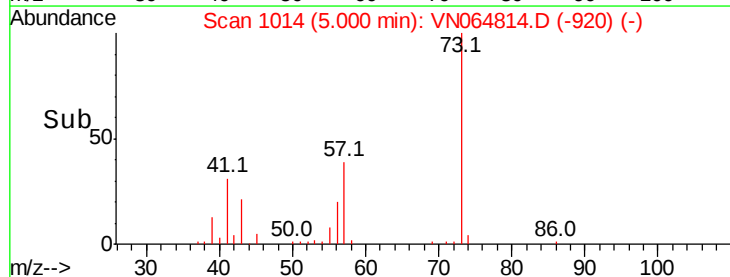
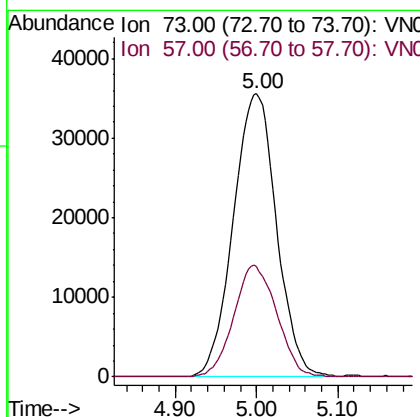
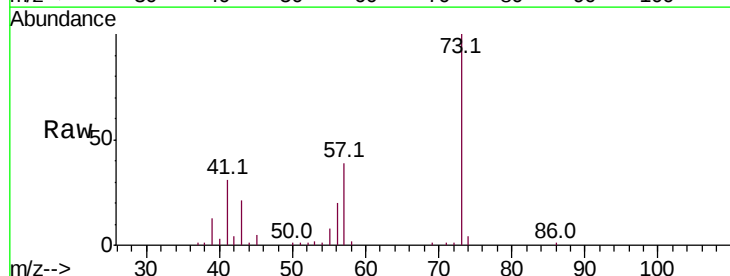
Instrument :
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MW-5

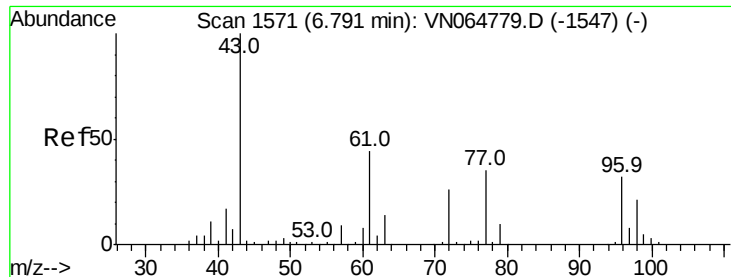
Tot Ion: 43 Resp: 6638
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#19
Methyl tert-butyl Ether
Concen: 24.015 ug/l
RT: 5.00 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VN064814.D
Acq: 24 Nov 2020 16:40

Tgt Ion: 73 Resp: 130645
Ion Ratio Lower Upper
73 100
57 39.0 17.4 26.0#





#25

2-Butanone

Concen: 0.660 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. -0.01 min

Lab File: VN064814.D

Acq: 24 Nov 2020 16:40

Instrument :

MSVOA_N

ClientSampled :

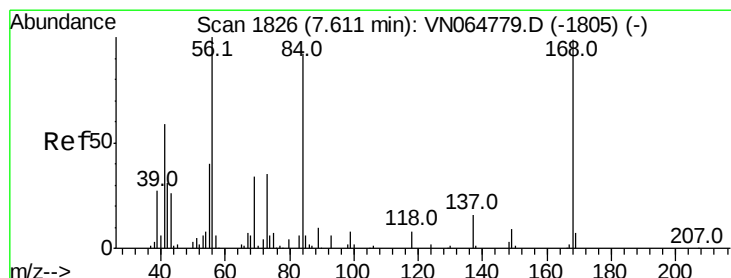
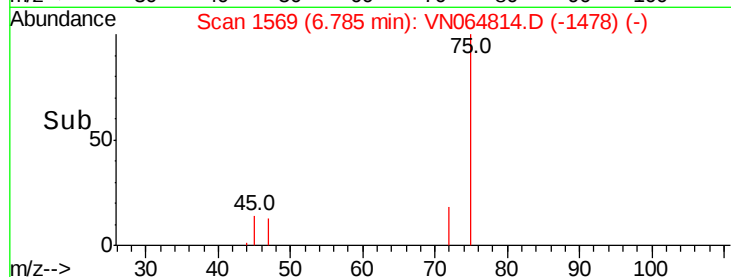
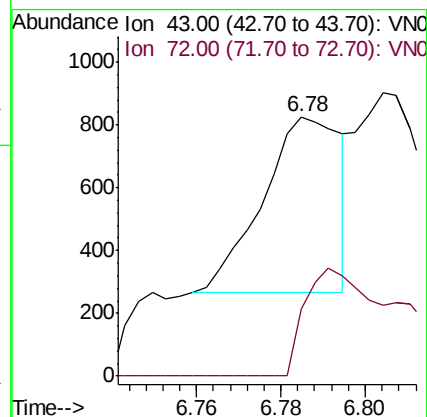
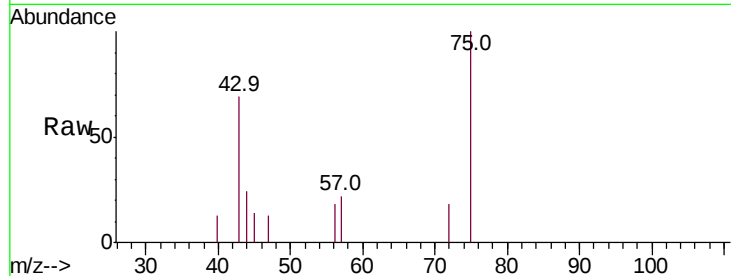
MW-5

Tot Ion: 43 Resp: 715

Ion Ratio Lower Upper

43 100

72 38.5 21.0 31.6#



#31

Cyclohexane

Concen: 17.354 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN064814.D

Acq: 24 Nov 2020 16:40

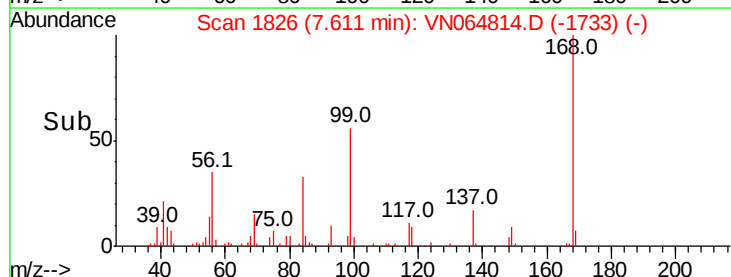
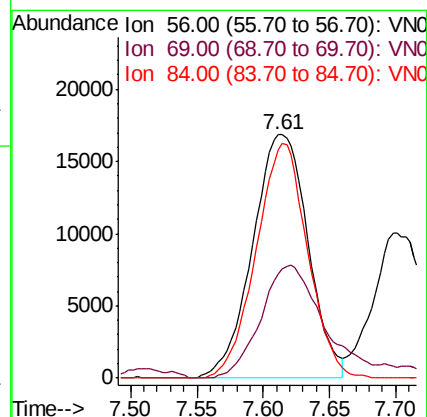
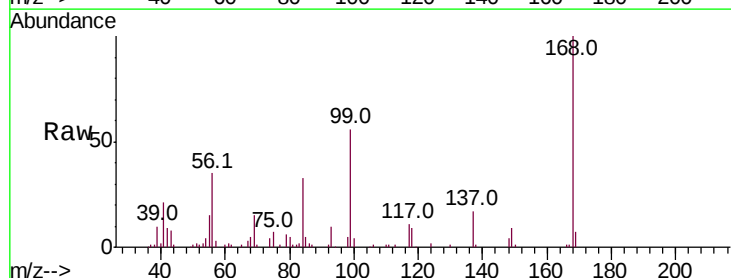
Tgt Ion: 56 Resp: 49187

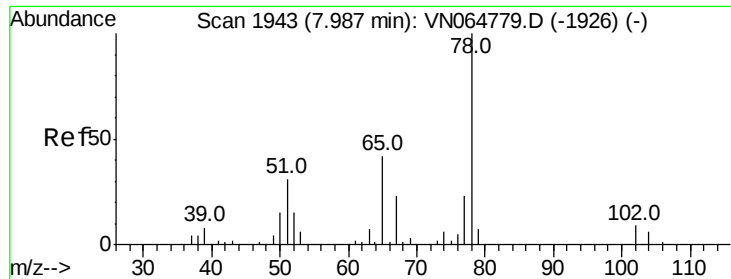
Ion Ratio Lower Upper

56 100

69 42.9 27.5 41.3#

84 93.9 73.9 110.9

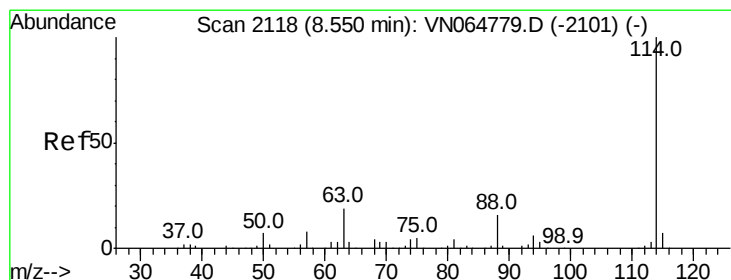
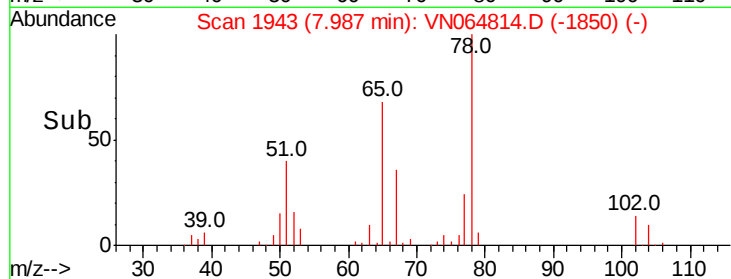
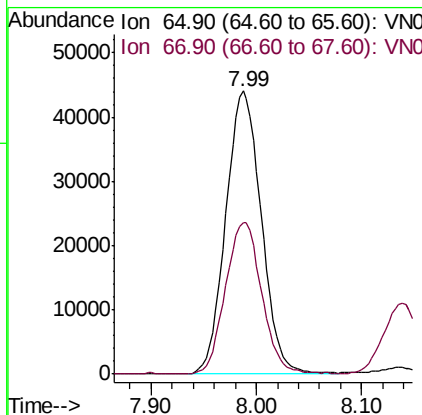
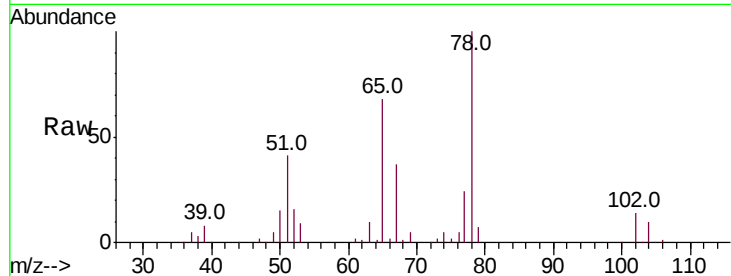




#33
 1,2-Dichloroethane-d4
 Concen: 50.671 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064814.D
 Acq: 24 Nov 2020 16:40

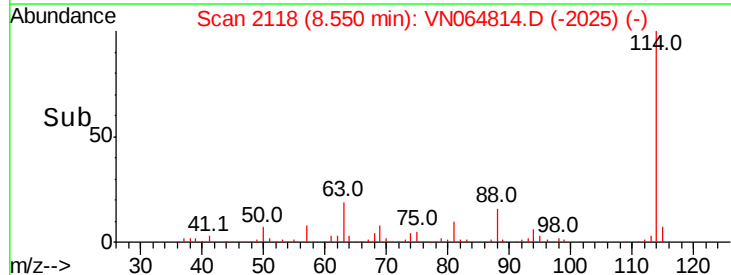
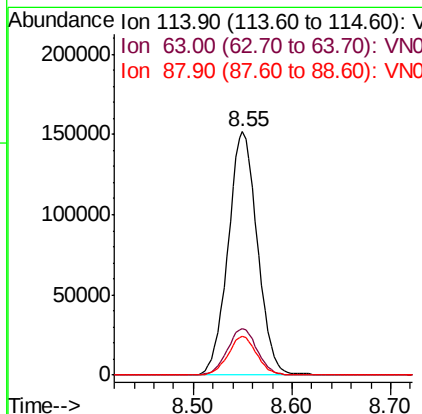
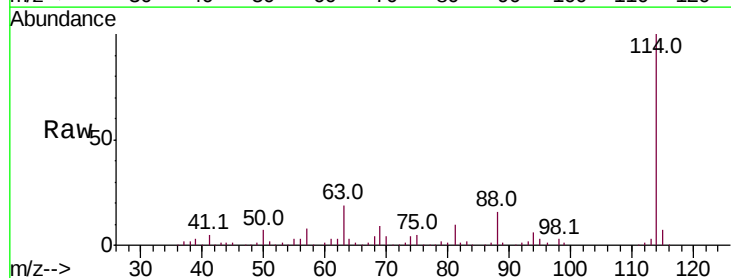
Instrument :
 MSVOA_N
 ClientSampled :
 MW-5

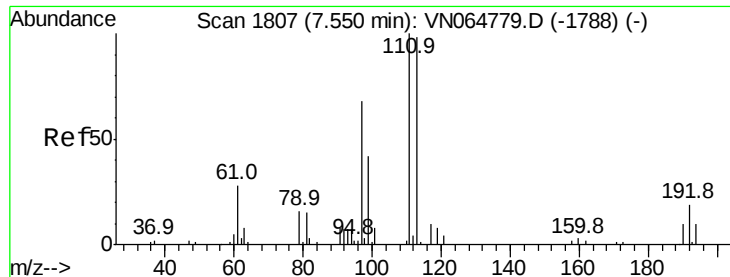
Tot Ion: 65 Resp: 103045
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064814.D
 Acq: 24 Nov 2020 16:40

Tgt Ion: 114 Resp: 314191
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.6
 88 15.7 0.0 32.6

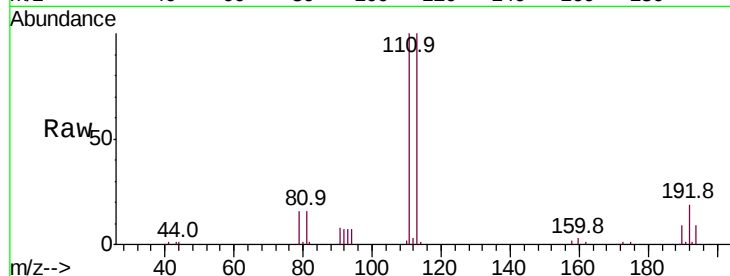




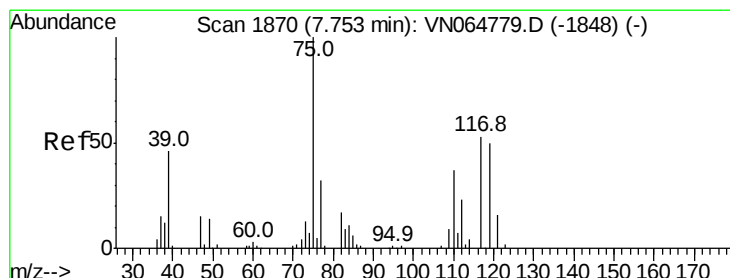
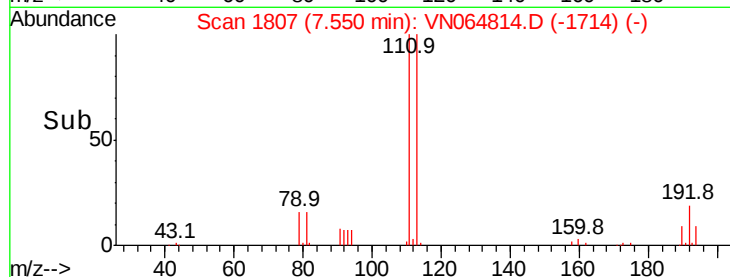
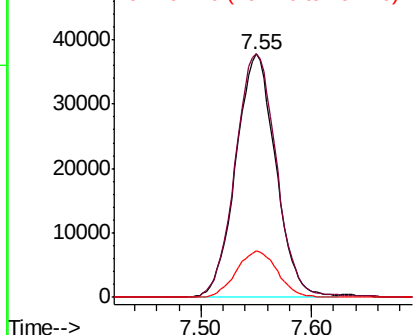
#35
 Dibromofluoromethane
 Concen: 50.275 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064814.D
 Acq: 24 Nov 2020 16:40

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5

Tot Ion:113 Resp: 94517
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.6 122.4
 192 19.6 16.2 24.2

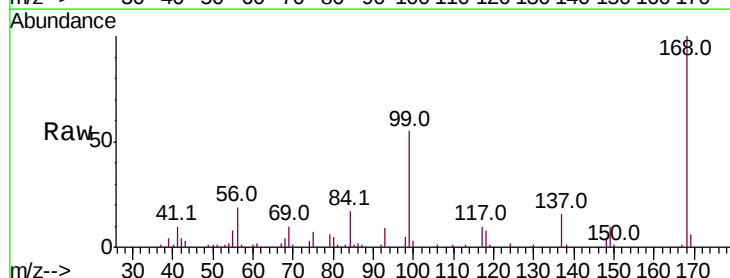


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

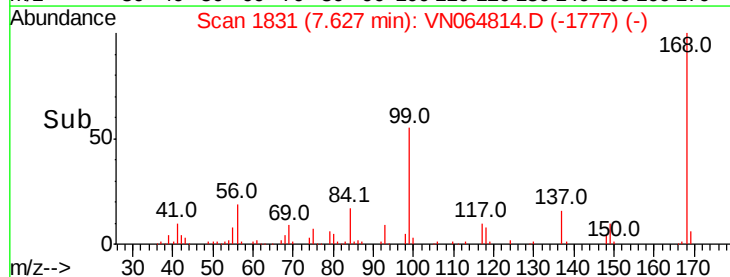
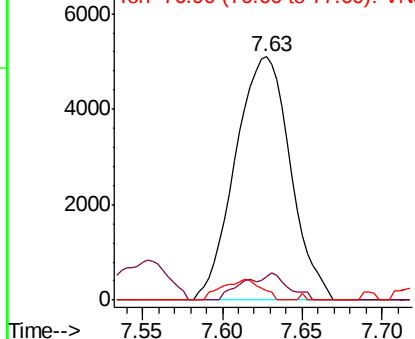


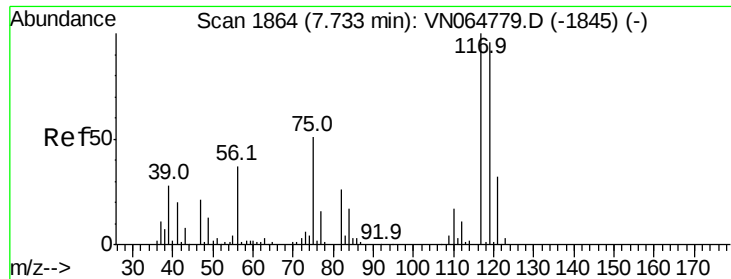
#36
 1,1-Dichloropropene
 Concen: 4.135 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN064814.D
 Acq: 24 Nov 2020 16:40

Tgt Ion: 75 Resp: 12043
 Ion Ratio Lower Upper
 75 100
 110 4.7 17.8 53.3#
 77 0.0 25.0 37.4#



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





#38

Carbon Tetrachloride

Concen: 5.537 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN064814.D

Acq: 24 Nov 2020 16:40

Instrument :

MSVOA_N

ClientSampled :

MW-5

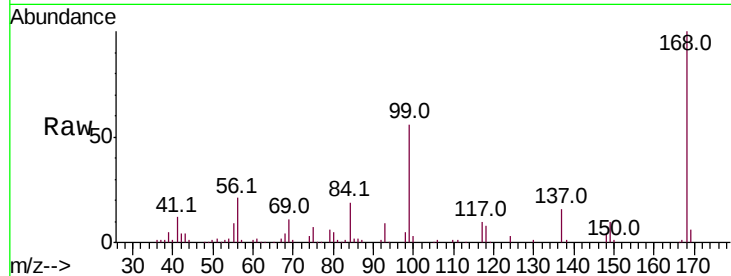
Tot Ion:117 Resp: 16779

Ion Ratio Lower Upper

117 100

119 5.0 76.7 115.1#

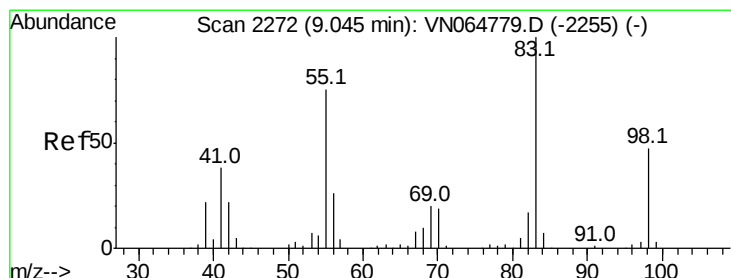
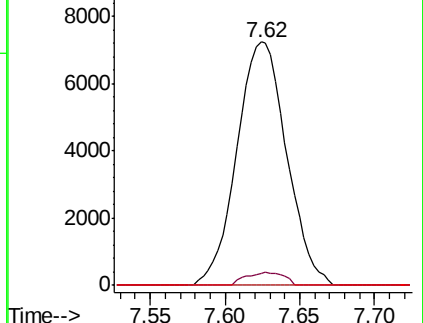
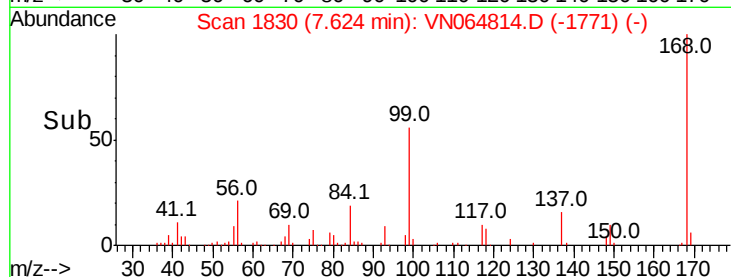
121 0.0 25.4 38.2#



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: 26.791 ug/l

RT: 9.05 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VN064814.D

Acq: 24 Nov 2020 16:40

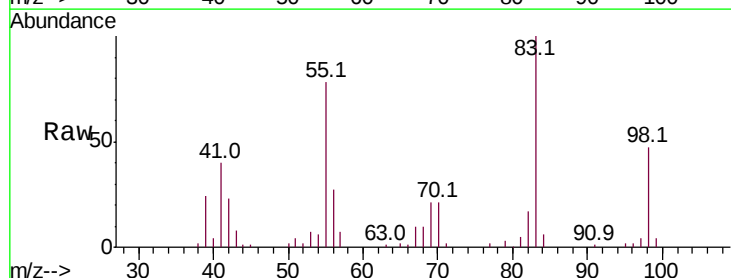
Tgt Ion: 83 Resp: 83992

Ion Ratio Lower Upper

83 100

55 76.7 60.2 90.2

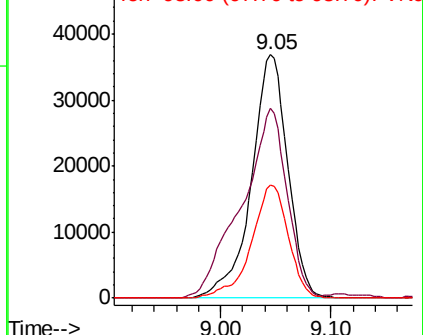
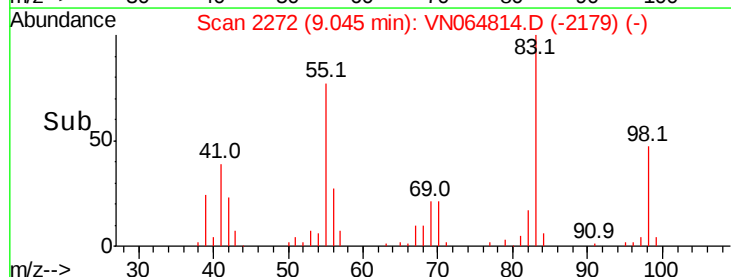
98 46.6 37.4 56.2

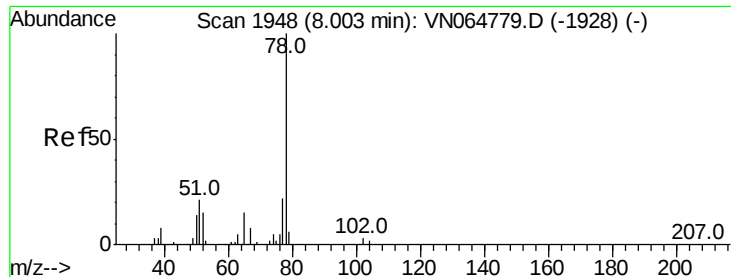


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#40

Benzene

Concen: 26.654 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN064814.D

Acq: 24 Nov 2020 16:40

Instrument :

MSVOA_N

ClientSampled :

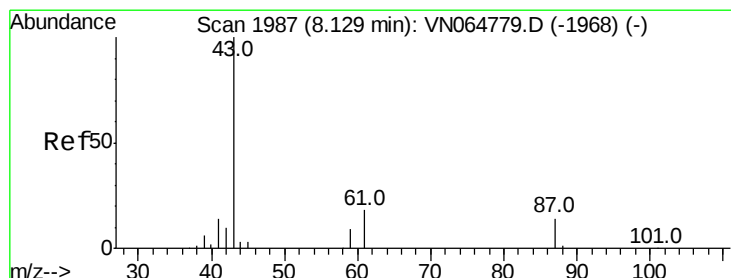
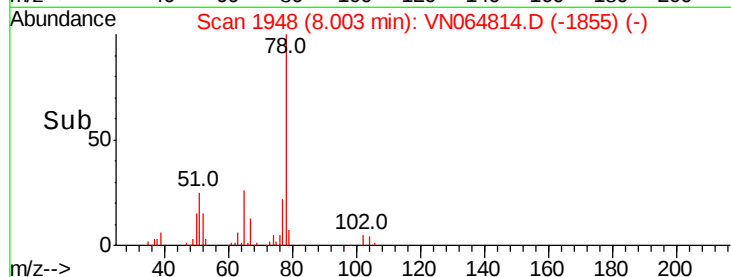
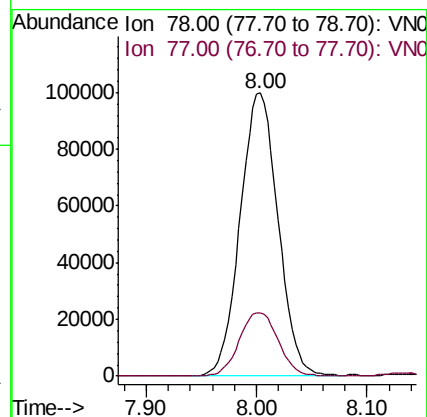
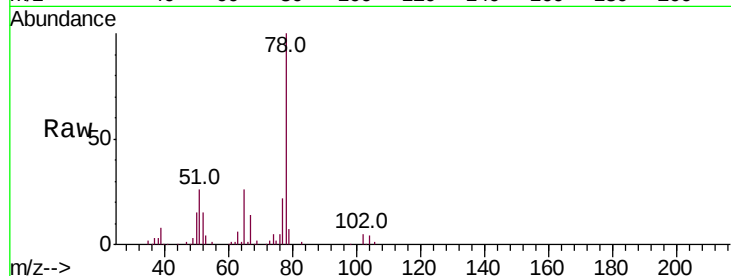
MW-5

Tot Ion: 78 Resp: 237862

Ion Ratio Lower Upper

78 100

77 22.2 17.9 26.9



#43

Isopropyl Acetate

Concen: 1.611 ug/l

RT: 8.12 min Scan# 1983

Delta R.T. -0.01 min

Lab File: VN064814.D

Acq: 24 Nov 2020 16:40

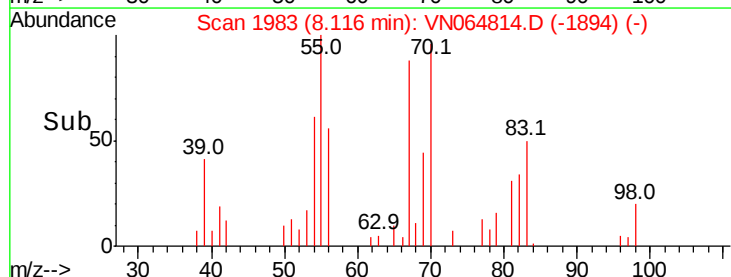
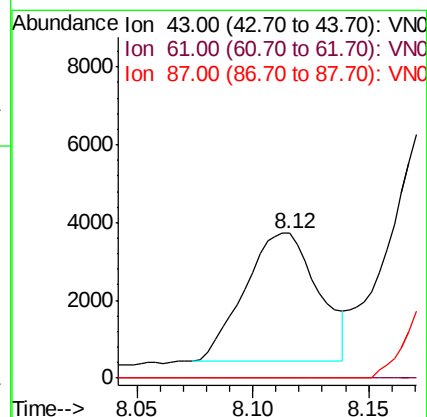
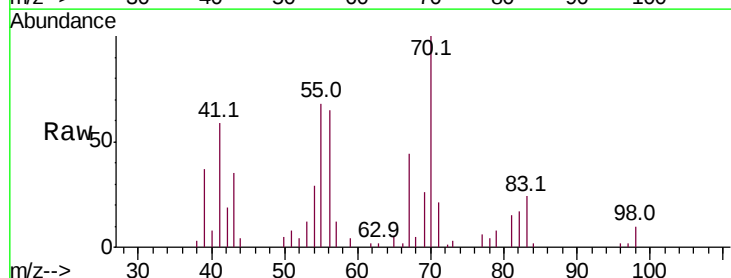
Tgt Ion: 43 Resp: 7273

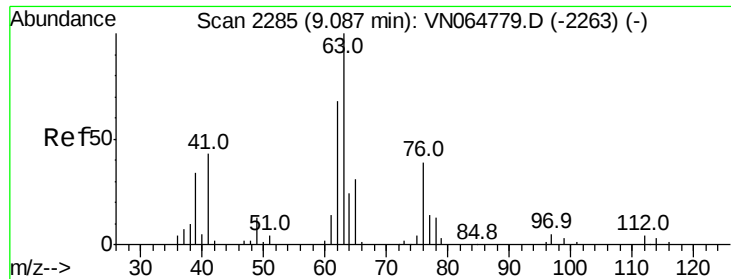
Ion Ratio Lower Upper

43 100

61 0.0 17.2 25.8#

87 0.0 11.4 17.0#

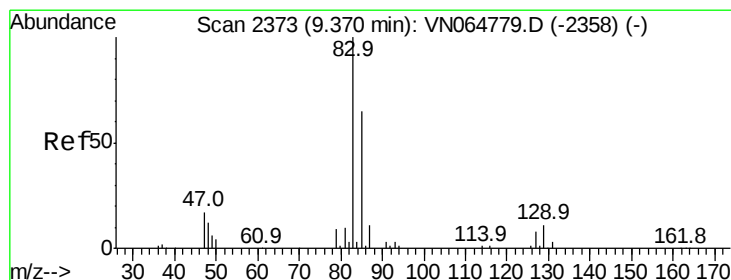
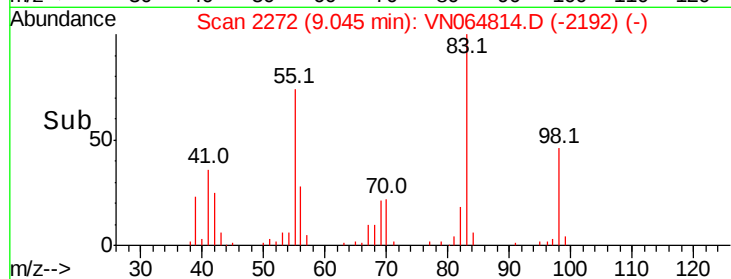
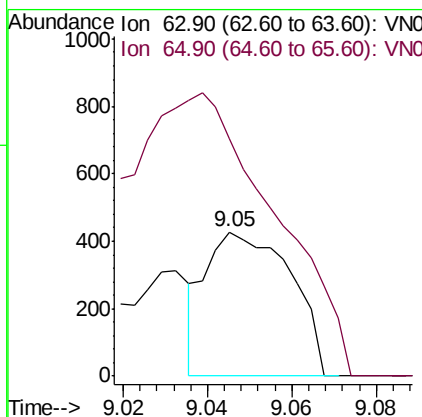
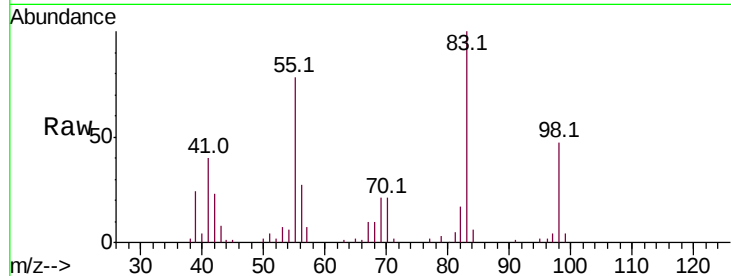




#45
 1,2-Dichloropropane
 Concen: 0.256 ug/l
 RT: 9.05 min Scan# 2272
 Delta R.T. -0.04 min
 Lab File: VN064814.D
 Acq: 24 Nov 2020 16:40

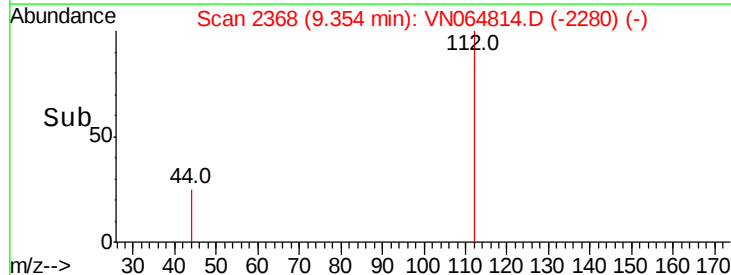
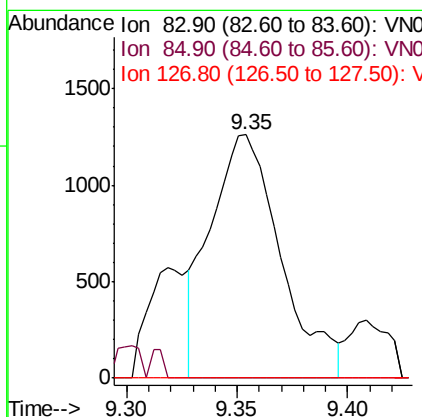
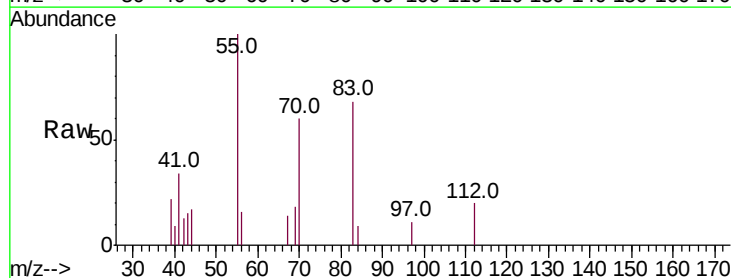
Instrument :
 MSVOA_N
 ClientSampled :
 MW-5

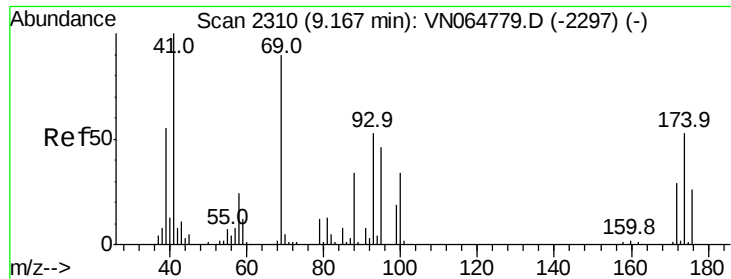
Tot Ion: 63 Resp: 592
 Ion Ratio Lower Upper
 63 100
 65 123.4 25.0 37.4#



#47
 Bromodichloromethane
 Concen: 0.900 ug/l
 RT: 9.35 min Scan# 2368
 Delta R.T. -0.02 min
 Lab File: VN064814.D
 Acq: 24 Nov 2020 16:40

Tgt Ion: 83 Resp: 2797
 Ion Ratio Lower Upper
 83 100
 85 0.0 51.8 77.8#
 127 0.0 6.8 10.2#

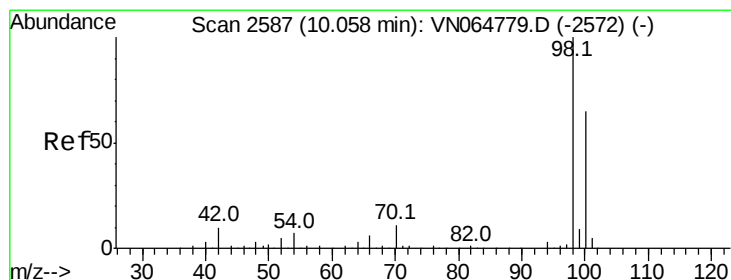
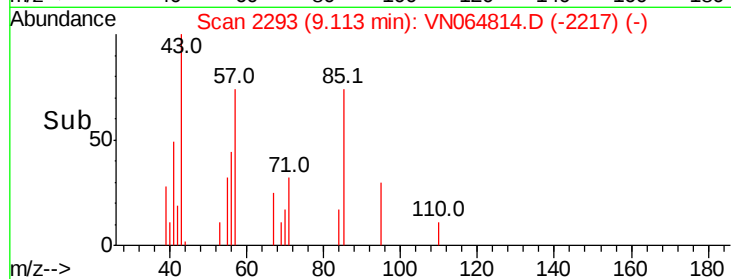
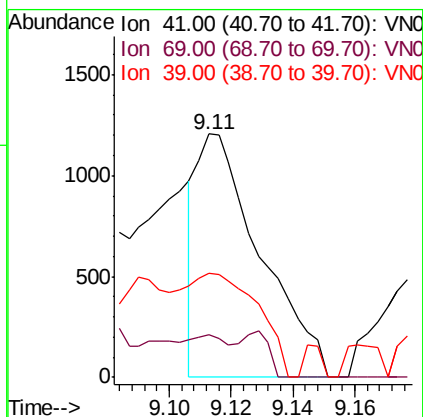
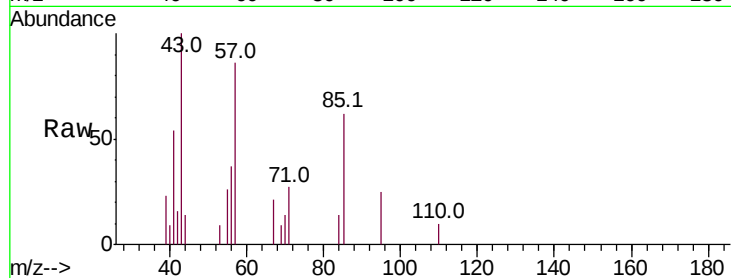




#48
Methvl methacrylate
Concen: 0.795 ug/l
RT: 9.11 min Scan# 2293
Delta R.T. -0.05 min
Lab File: VN064814.D
Acq: 24 Nov 2020 16:40

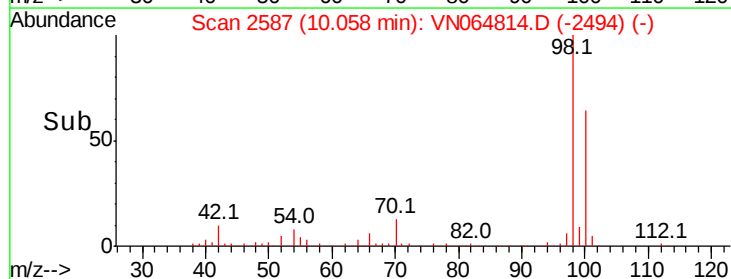
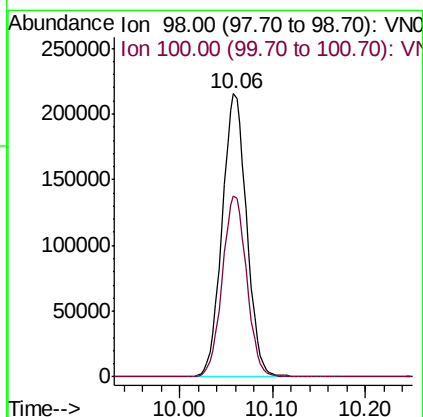
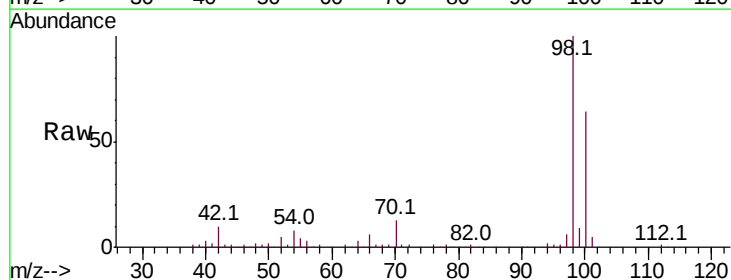
Instrument :
MSVOA_N
ClientSampled :
MW-5

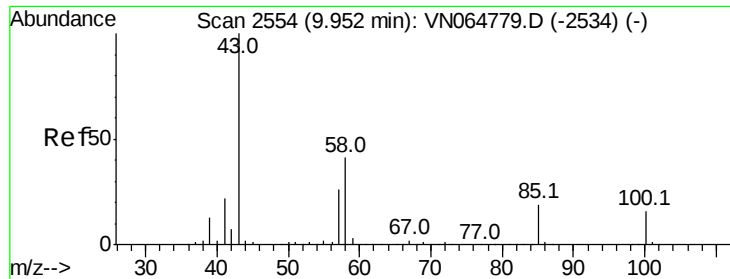
Tot Ion: 41 Resp: 1714
Ion Ratio Lower Upper
41 100
69 0.0 71.8 107.8#
39 0.0 44.1 66.1#



#50
Toluene-d8
Concen: 51.363 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064814.D
Acq: 24 Nov 2020 16:40

Tgt Ion: 98 Resp: 394551
Ion Ratio Lower Upper
98 100
100 63.5 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 0.648 ug/l

RT: 9.96 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN064814.D

Acq: 24 Nov 2020 16:40

Instrument :

MSVOA_N

ClientSampled :

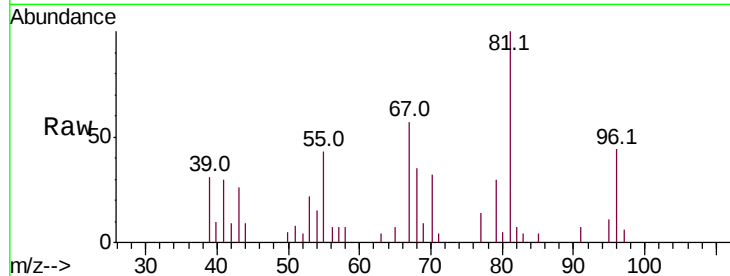
MW-5

Tot Ion: 43 Resp: 1756

Ion Ratio Lower Upper

43 100

58 35.3 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN064814.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN064814.D (-2534) (-)

2000

1500

1000

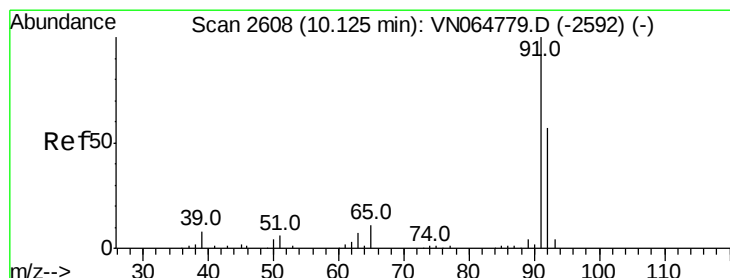
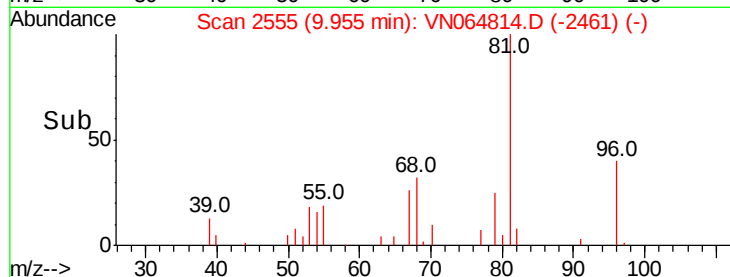
500

0

9.95

10.00

Time-->



#52

Toluene

Concen: 1.091 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064814.D

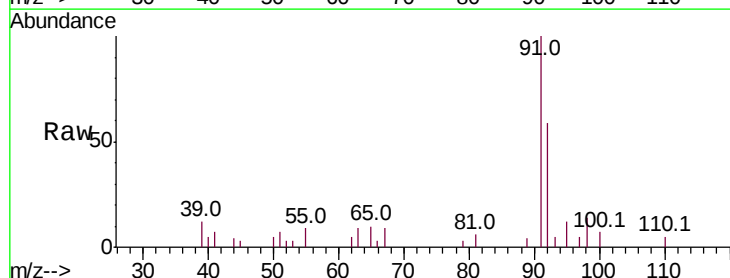
Acq: 24 Nov 2020 16:40

Tgt Ion: 92 Resp: 5997

Ion Ratio Lower Upper

92 100

91 182.9 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN064814.D (-2515) (-)

Ion 91.00 (90.70 to 91.70): VN064814.D (-2515) (-)

6000

5000

4000

3000

2000

1000

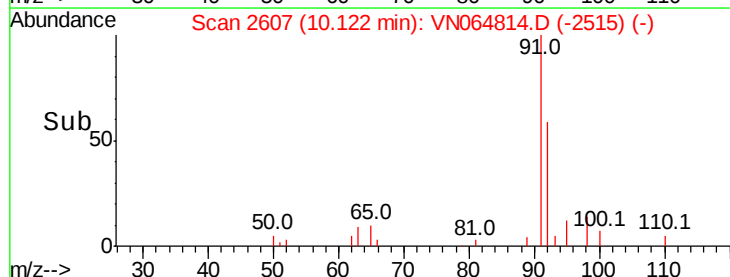
0

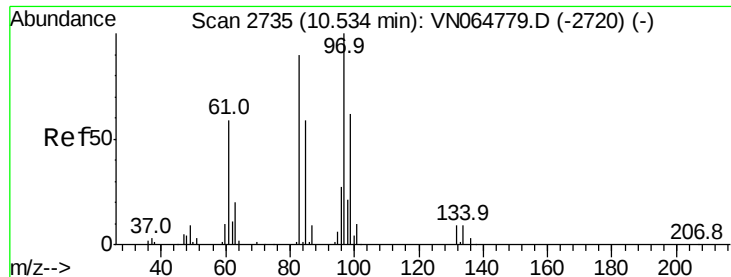
10.05

10.10

10.15

Time-->





#55

1,1,2-Trichloroethane

Concen: 7.601 ug/l

RT: 10.50 min Scan# 2725

Delta R.T. -0.03 min

Lab File: VN064814.D

Acq: 24 Nov 2020 16:40

Instrument :

MSVOA_N

ClientSampled :

MW-5

Tot Ion: 97 Resp: 17177

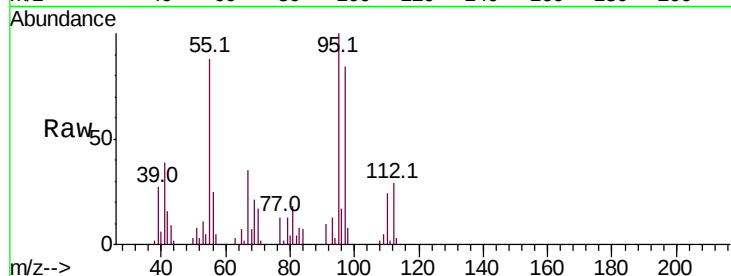
Ion Ratio Lower Upper

97 100

83 10.0 72.1 108.1#

85 0.0 46.8 70.2#

99 0.0 49.6 74.4#

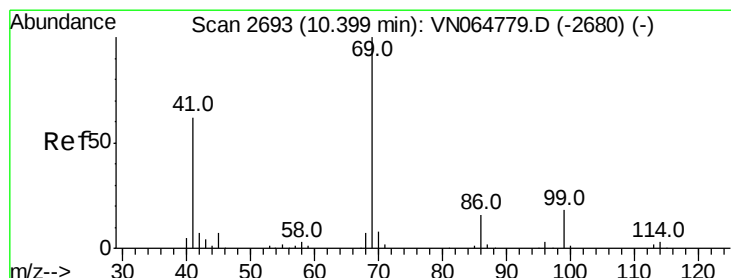
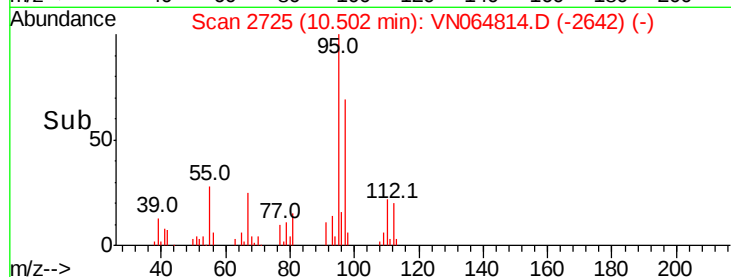
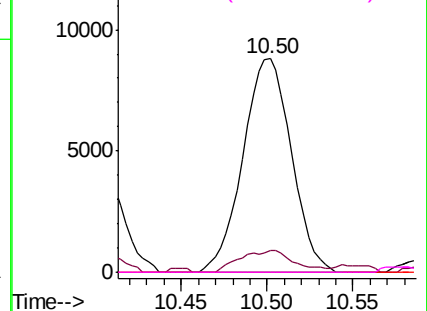


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 0.748 ug/l

RT: 10.39 min Scan# 2691

Delta R.T. -0.01 min

Lab File: VN064814.D

Acq: 24 Nov 2020 16:40

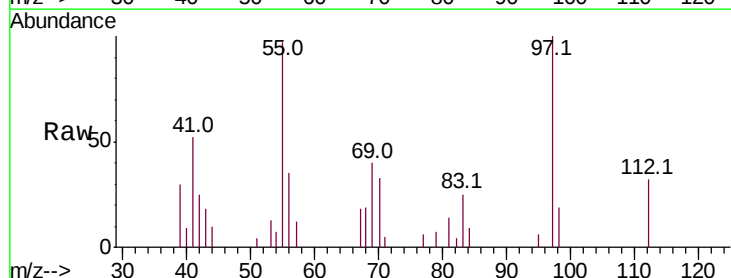
Tgt Ion: 69 Resp: 2333

Ion Ratio Lower Upper

69 100

41 120.7 49.4 74.0#

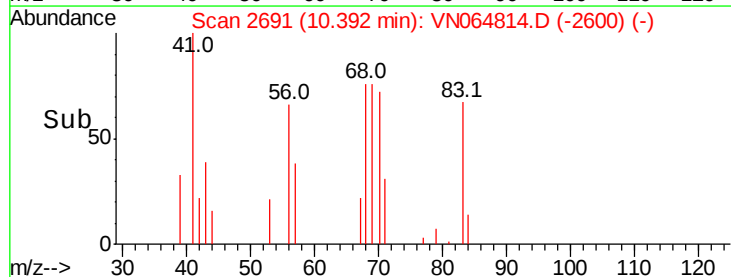
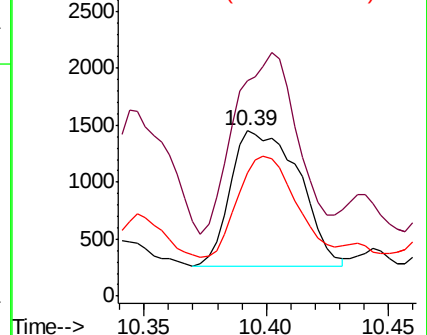
39 61.9 25.9 38.9#

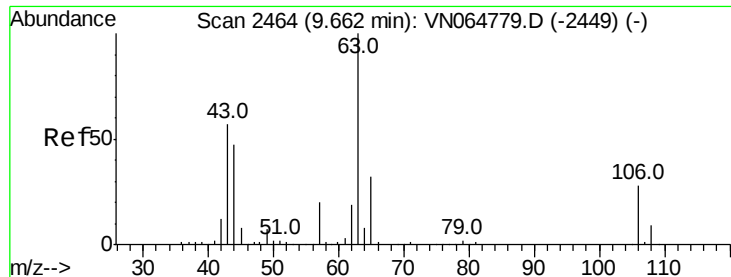


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

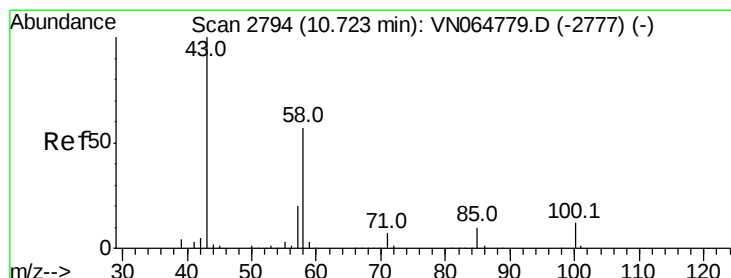
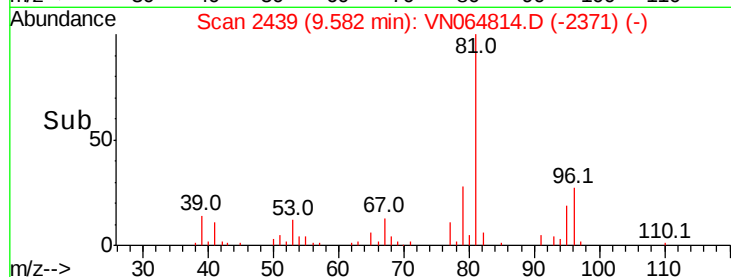
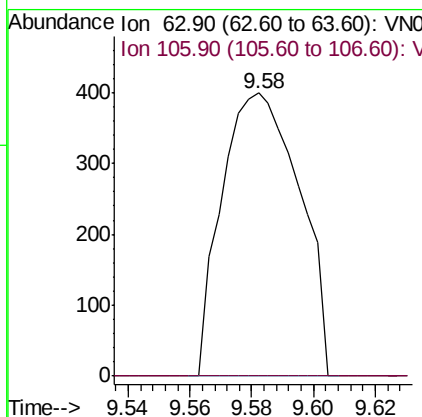
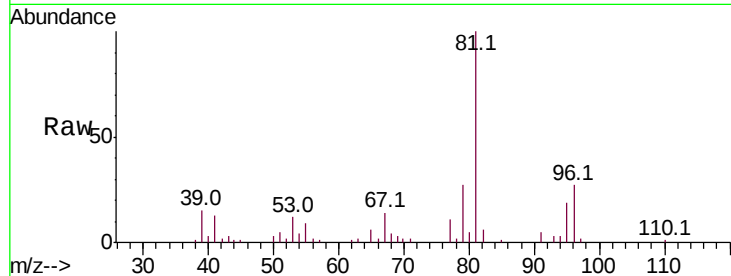




#58
2-Chloroethyl Vinyl ether
Concen: 0.405 ug/l
RT: 9.58 min Scan# 2439
Delta R.T. -0.08 min
Lab File: VN064814.D
Acq: 24 Nov 2020 16:40

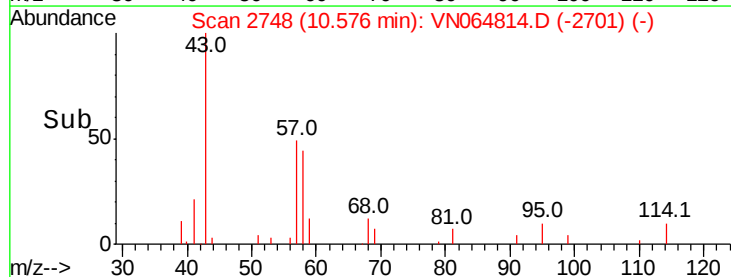
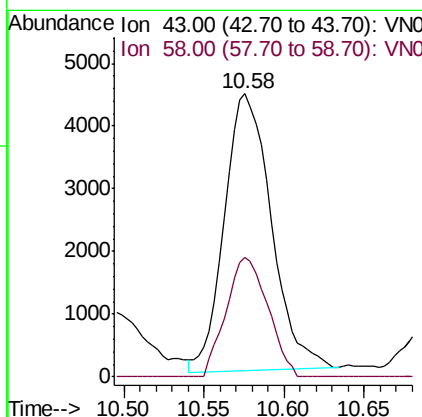
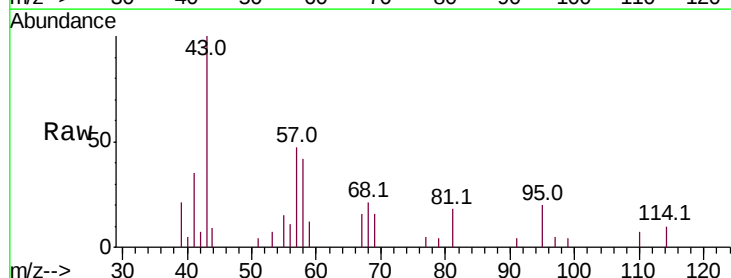
Instrument :
MSVOA_N
ClientSampled :
MW-5

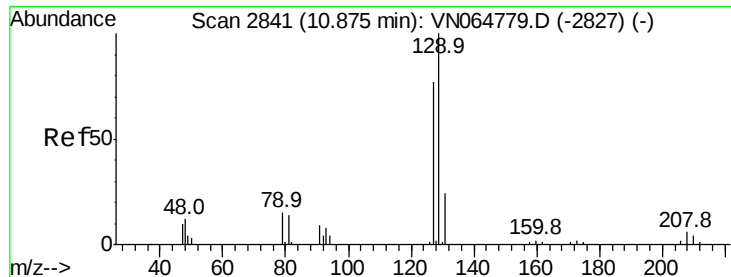
Tot Ion: 63 Resp: 695
Ion Ratio Lower Upper
63 100
106 0.0 22.7 34.1#



#59
2-Hexanone
Concen: 4.539 ug/l
RT: 10.58 min Scan# 2748
Delta R.T. -0.15 min
Lab File: VN064814.D
Acq: 24 Nov 2020 16:40

Tgt Ion: 43 Resp: 8852
Ion Ratio Lower Upper
43 100
58 38.2 28.3 84.9





#60

Dibromochloromethane

Concen: 0.464 ug/l

RT: 10.60 min Scan# 2755

Delta R.T. -0.28 min

Lab File: VN064814.D

Acq: 24 Nov 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

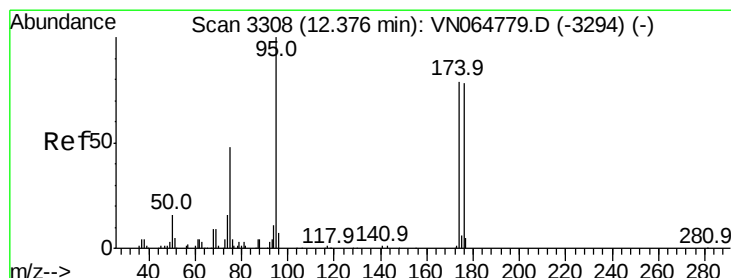
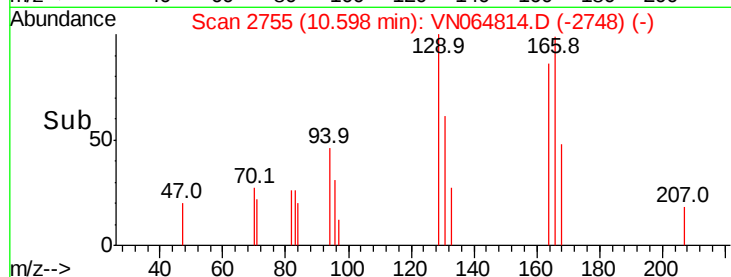
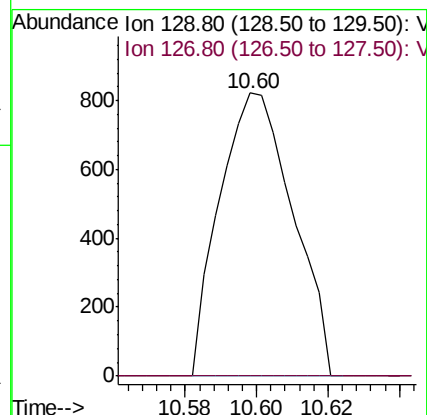
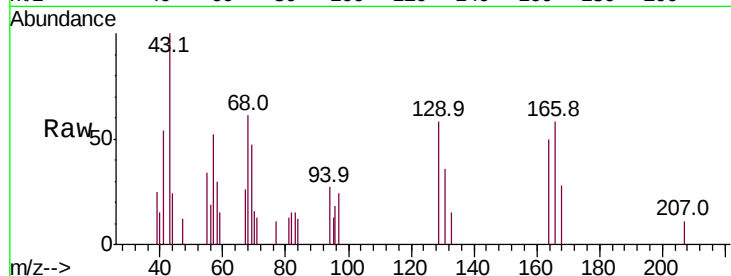
MW-5

Tot Ion:129 Resp: 1166

Ion Ratio Lower Upper

129 100

127 0.0 39.1 117.2#



#62

4-Bromofluorobenzene

Concen: 57.655 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064814.D

Acq: 24 Nov 2020 16:40

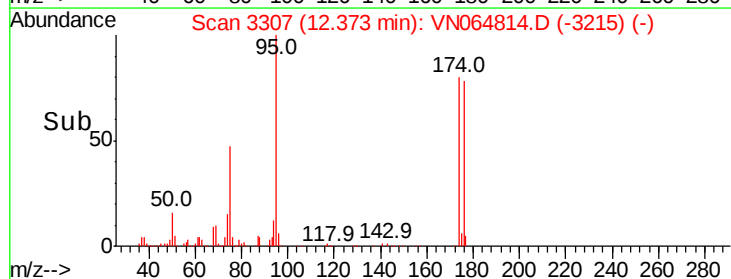
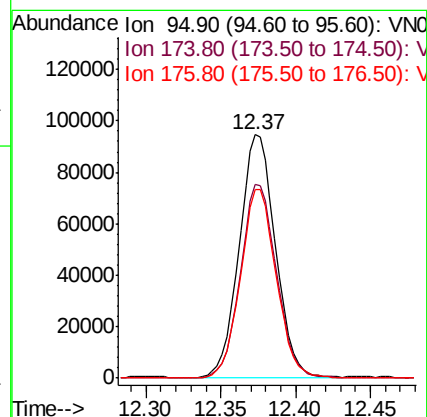
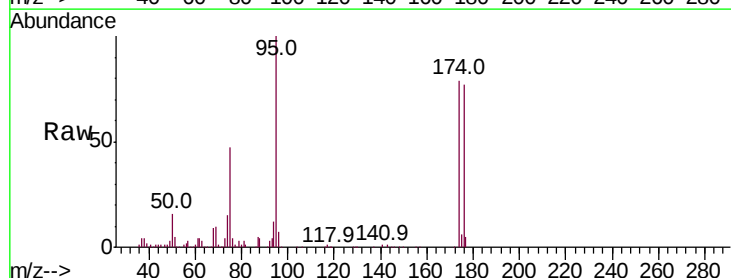
Tgt Ion: 95 Resp: 158500

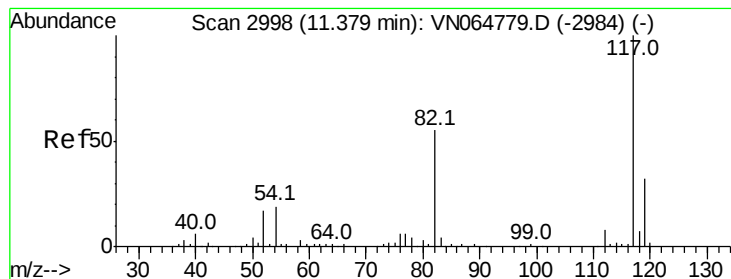
Ion Ratio Lower Upper

95 100

174 79.9 0.0 160.4

176 77.4 0.0 158.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064814.D

Acq: 24 Nov 2020 16:40

Instrument :

MSVOA_N

ClientSampled :

MW-5

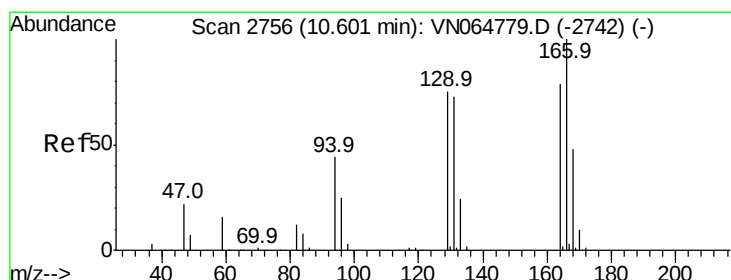
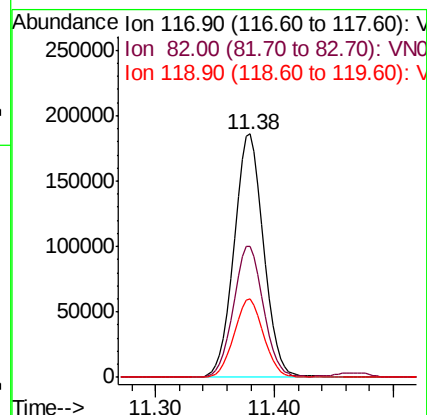
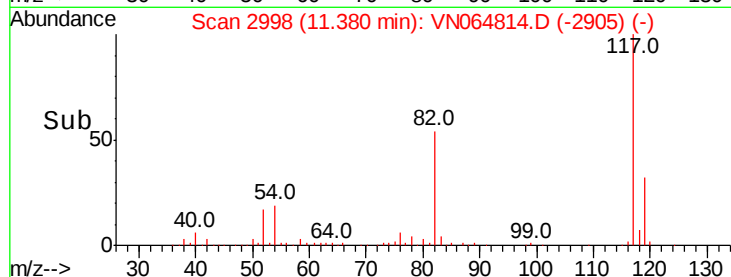
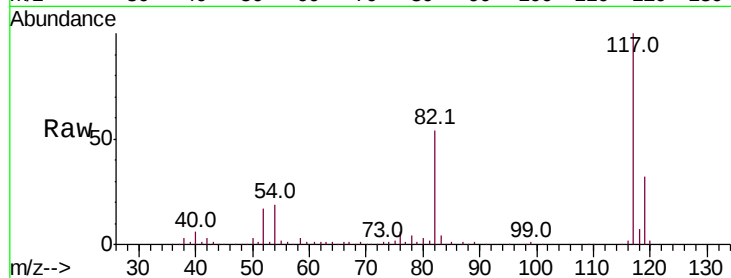
Tot Ion:117 Resp: 320159

Ion Ratio Lower Upper

117 100

82 53.7 44.2 66.2

119 32.3 25.8 38.6



#64

Tetrachloroethene

Concen: 0.360 ug/l

RT: 10.59 min Scan# 2754

Delta R.T. -0.01 min

Lab File: VN064814.D

Acq: 24 Nov 2020 16:40

Tgt Ion:164 Resp: 1122

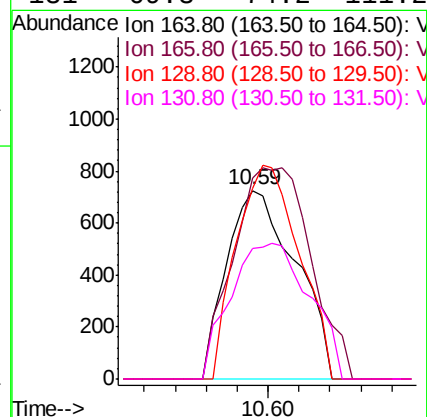
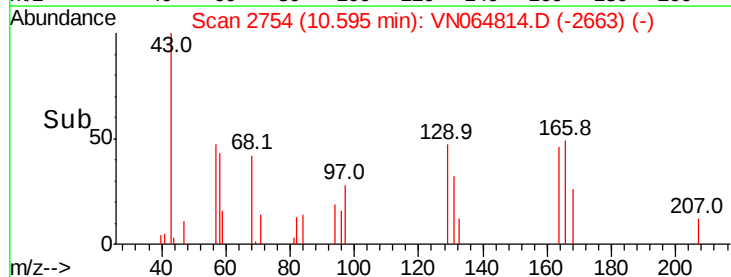
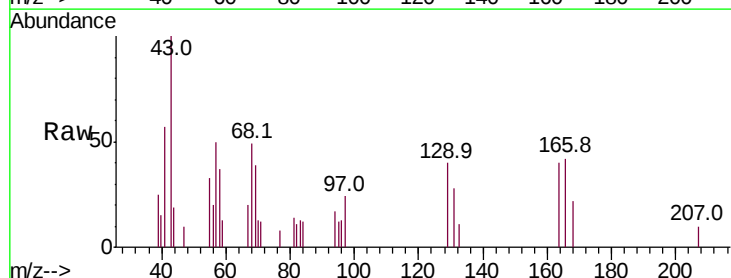
Ion Ratio Lower Upper

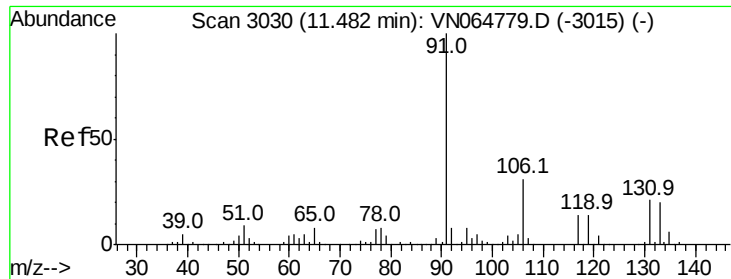
164 100

166 106.7 101.4 152.0

129 101.2 76.1 114.1

131 69.3 74.2 111.2#

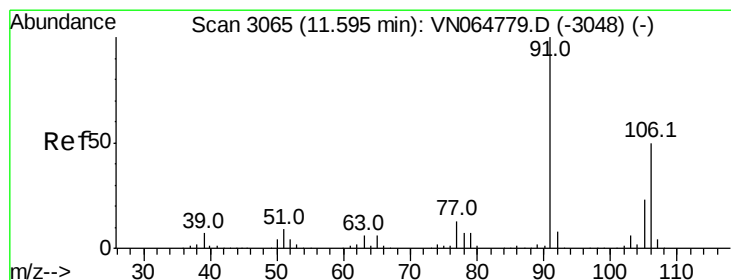
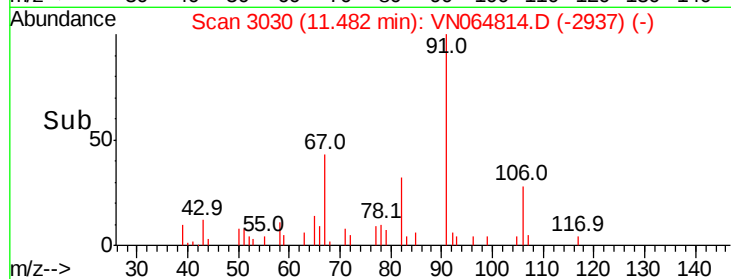
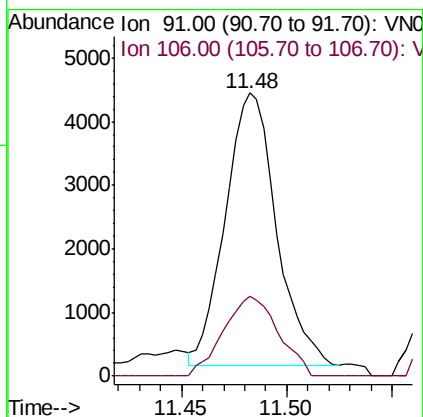
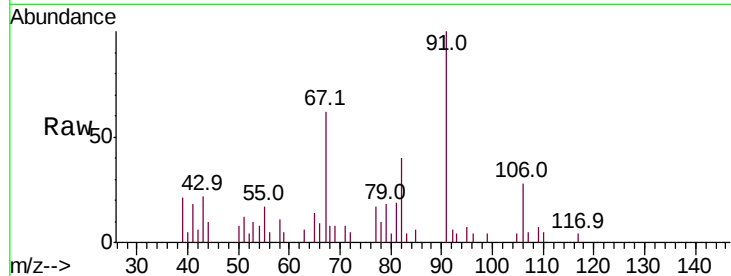




#67
Ethyl Benzene
Concen: 0.629 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064814.D
Acq: 24 Nov 2020 16:40

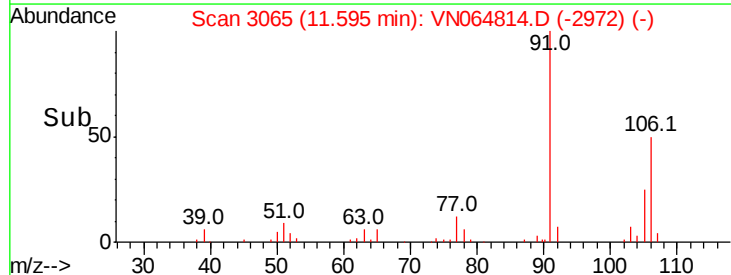
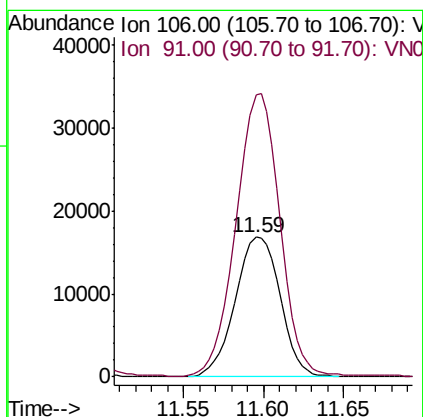
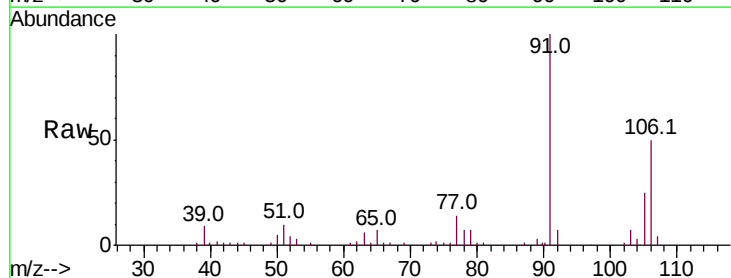
Instrument :
MSVOA_N
ClientSampled :
MW-5

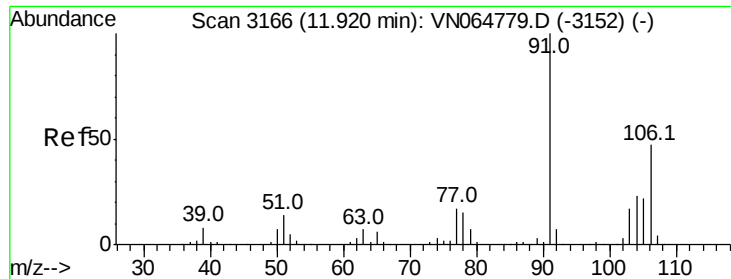
Tot Ion: 91 Resp: 7228
Ion Ratio Lower Upper
91 100
106 29.3 25.2 37.8



#68
m/p-Xylenes
Concen: 7.436 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064814.D
Acq: 24 Nov 2020 16:40

Tgt Ion: 106 Resp: 32336
Ion Ratio Lower Upper
106 100
91 198.8 161.0 241.4

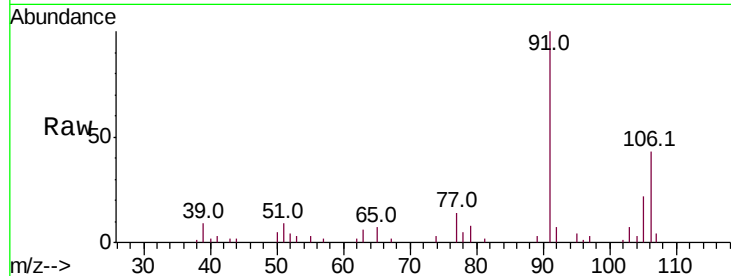




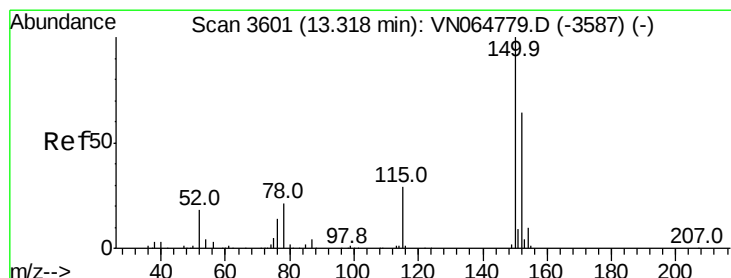
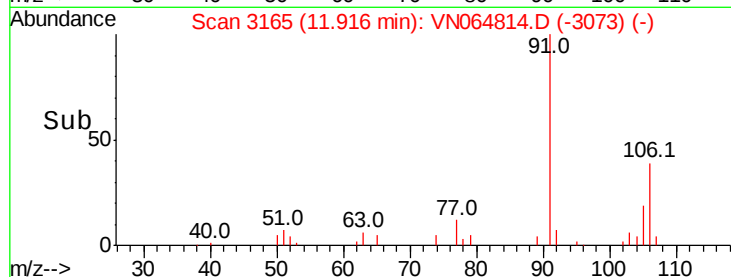
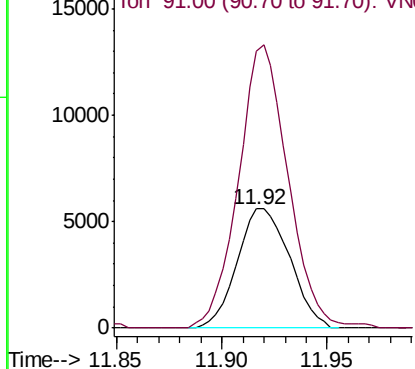
#69
o-Xylene
Concen: 2.354 ug/l
RT: 11.92 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN064814.D
Acq: 24 Nov 2020 16:40

Instrument :
MSVOA_N
ClientSampled :
MW-5

Tot Ion:106 Resp: 9714
Ion Ratio Lower Upper
106 100
91 224.3 105.5 316.5

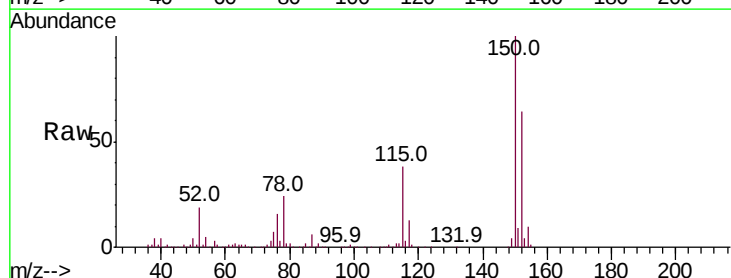


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

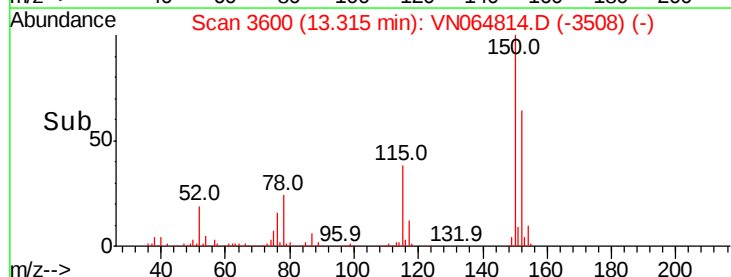
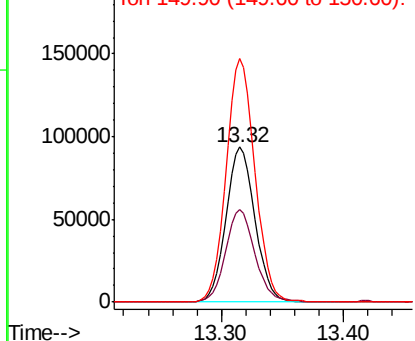


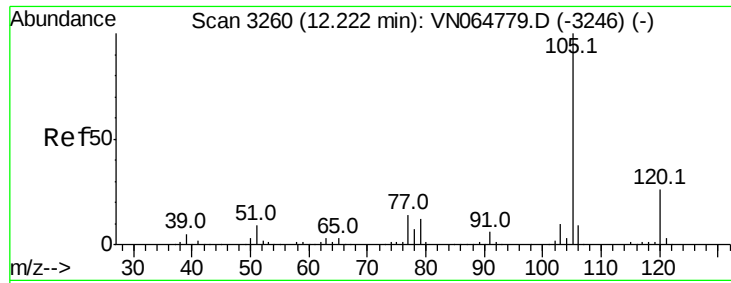
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064814.D
Acq: 24 Nov 2020 16:40

Tgt Ion:152 Resp: 156112
Ion Ratio Lower Upper
152 100
115 60.5 29.7 89.1
150 155.8 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: 3.178 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064814.D

Acq: 24 Nov 2020 16:40

Instrument :

MSVOA_N

ClientSampled :

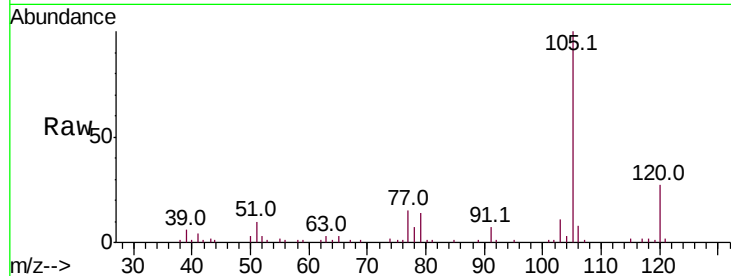
MW-5

Tot Ion:105 Resp: 34514

Ion Ratio Lower Upper

105 100

120 27.1 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

25000

20000

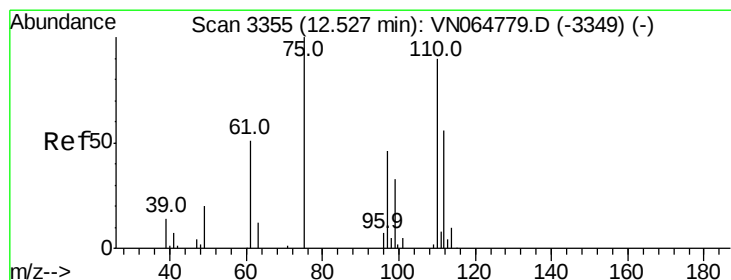
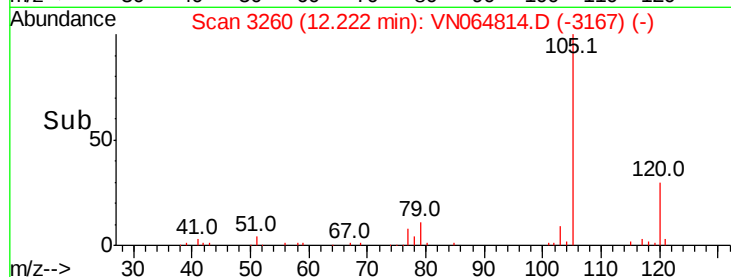
15000

10000

5000

0

Time--> 12.15 12.20 12.25



#76

1,2,3-Trichloropropane

Concen: 22.543 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN064814.D

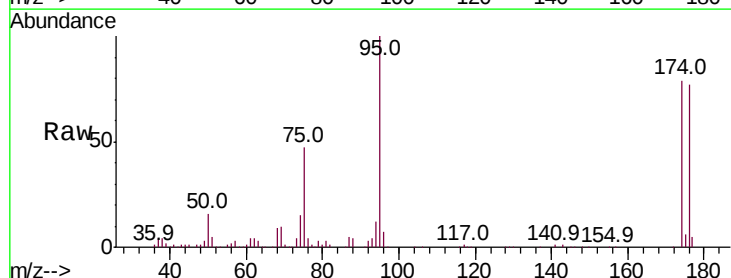
Acq: 24 Nov 2020 16:40

Tgt Ion: 75 Resp: 75788

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

12.37

50000

40000

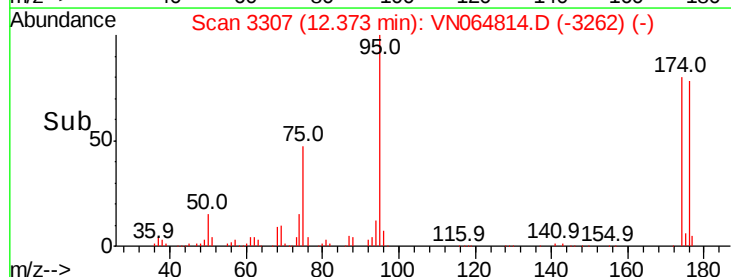
30000

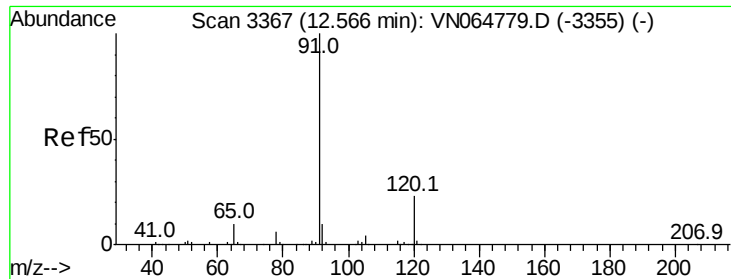
20000

10000

0

Time--> 12.30 12.35 12.40 12.45





#78

n-propylbenzene

Concen: 1.333 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064814.D

Acq: 24 Nov 2020 16:40

Instrument :

MSVOA_N

ClientSampled :

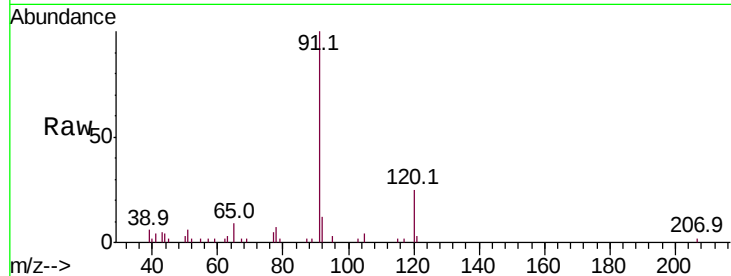
MW-5

Tot Ion: 91 Resp: 16494

Ion Ratio Lower Upper

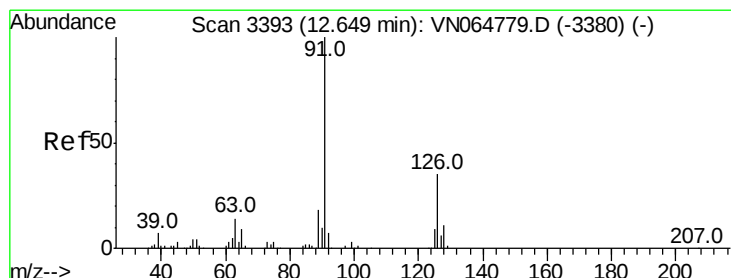
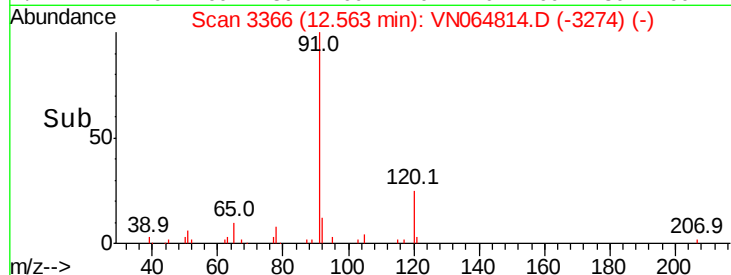
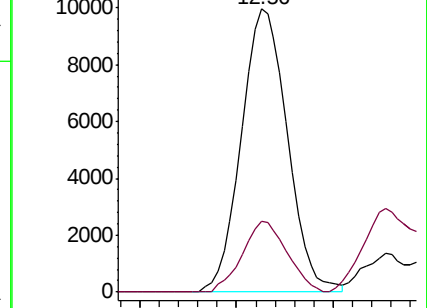
91 100

120 24.3 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: 0.445 ug/l

RT: 12.66 min Scan# 3396

Delta R.T. 0.01 min

Lab File: VN064814.D

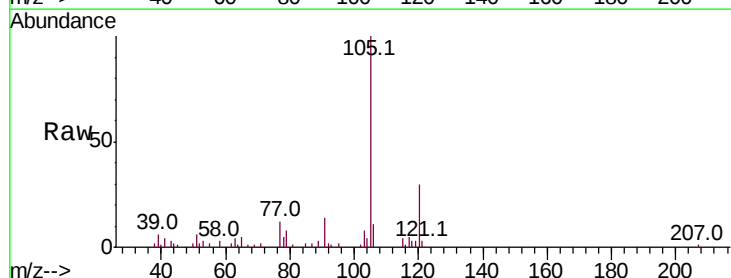
Acq: 24 Nov 2020 16:40

Tgt Ion: 91 Resp: 3405

Ion Ratio Lower Upper

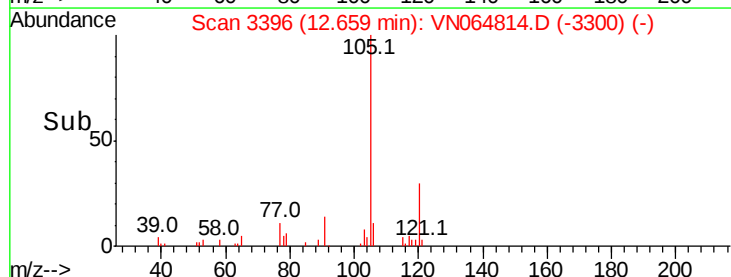
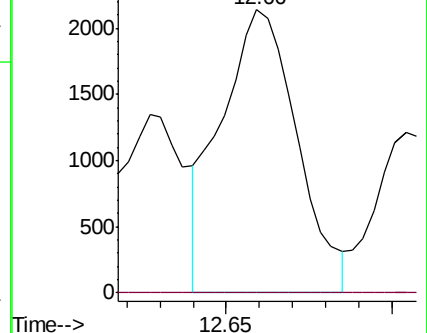
91 100

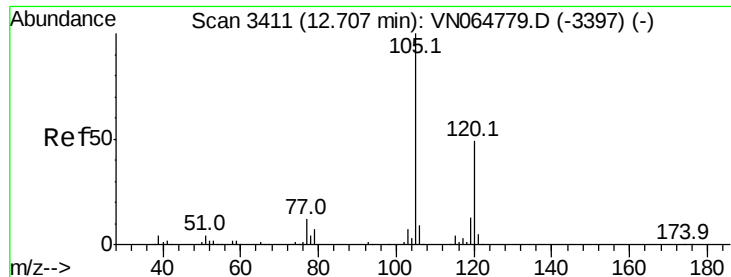
126 0.0 17.2 51.6#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

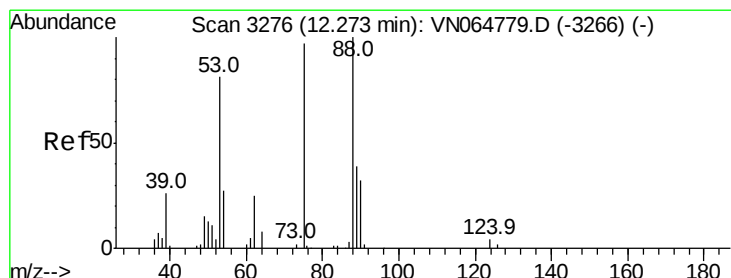
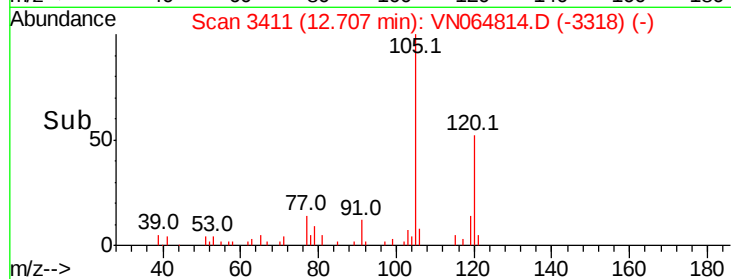
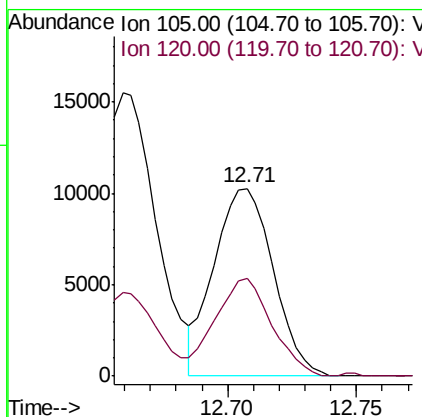
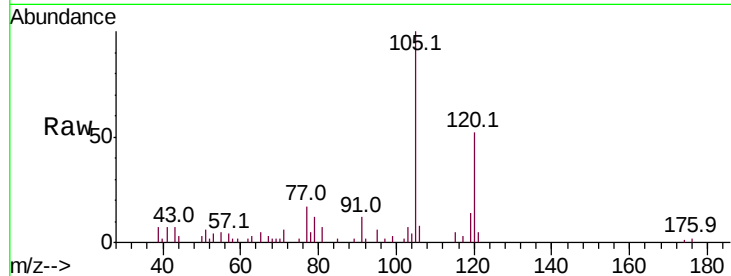




#80
 1,3,5-Trimethylbenzene
 Concen: 1.827 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064814.D
 Acq: 24 Nov 2020 16:40

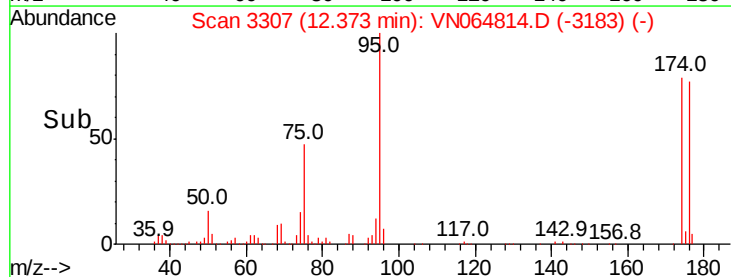
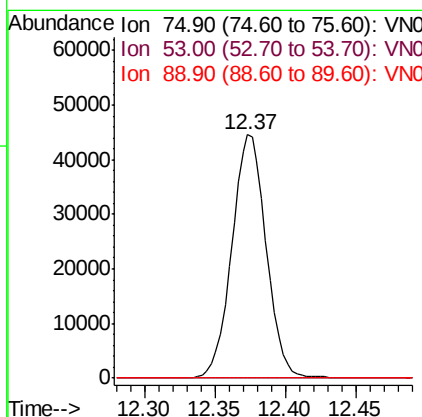
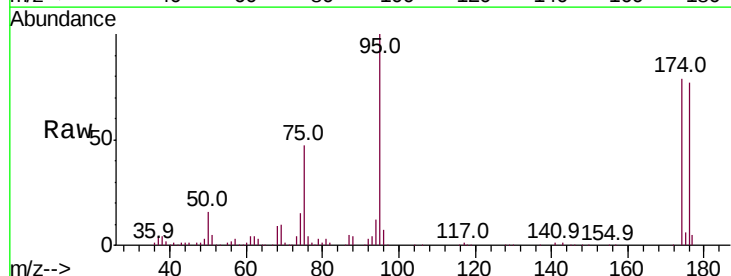
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5

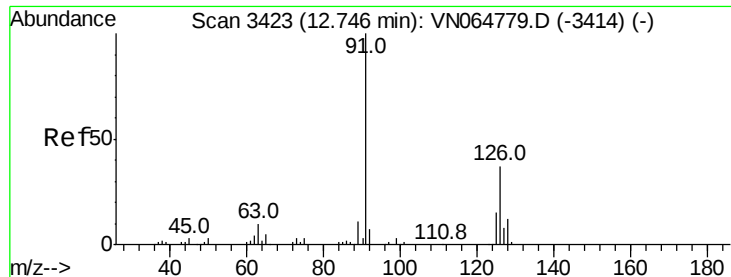
Tot Ion:105 Resp: 16486
 Ion Ratio Lower Upper
 105 100
 120 50.4 24.6 73.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.784 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. 0.10 min
 Lab File: VN064814.D
 Acq: 24 Nov 2020 16:40

Tgt Ion: 75 Resp: 75788
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.0 100.4#
 89 0.0 39.6 59.4#

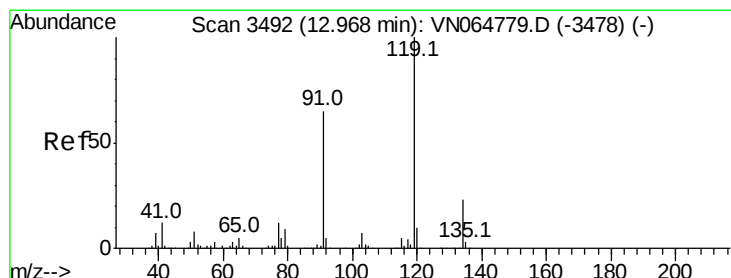
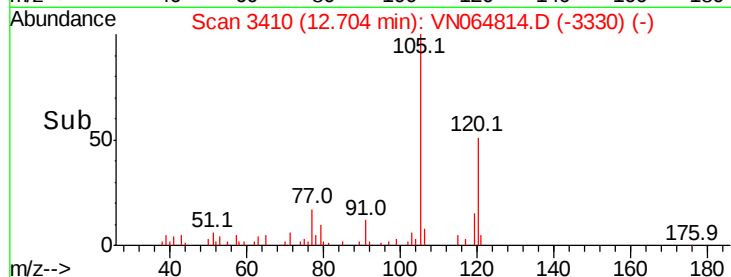
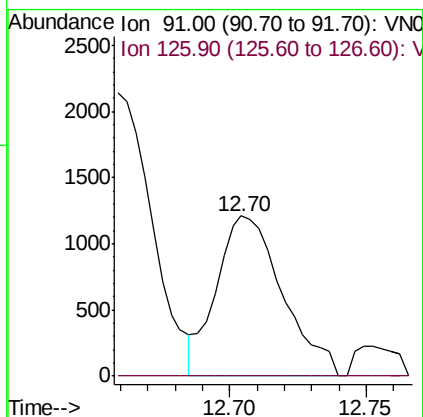
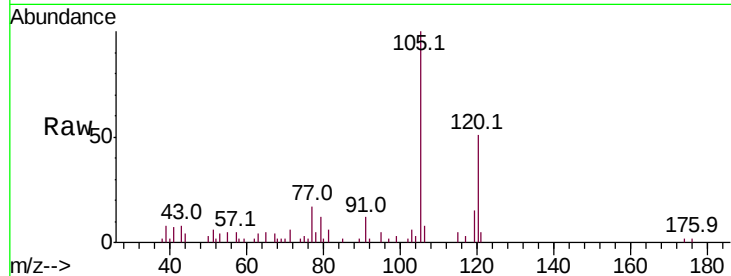




#82
4-Chlorotoluene
Concen: 0.254 ug/l
RT: 12.70 min Scan# 3410
Delta R.T. -0.04 min
Lab File: VN064814.D
Acq: 24 Nov 2020 16:40

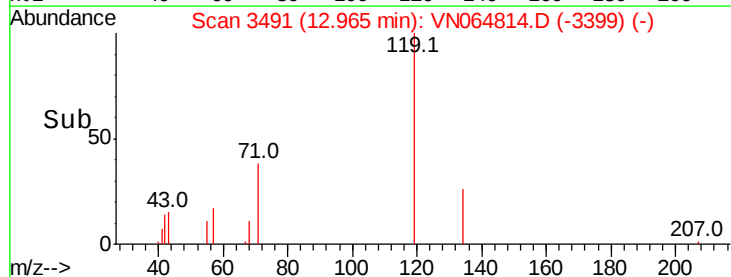
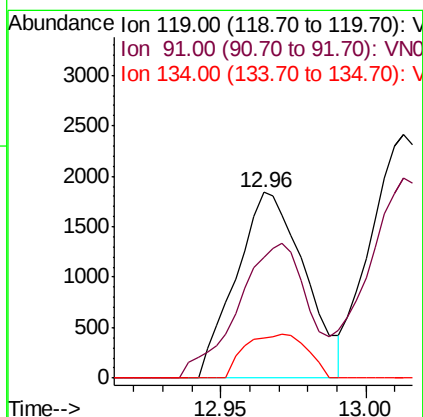
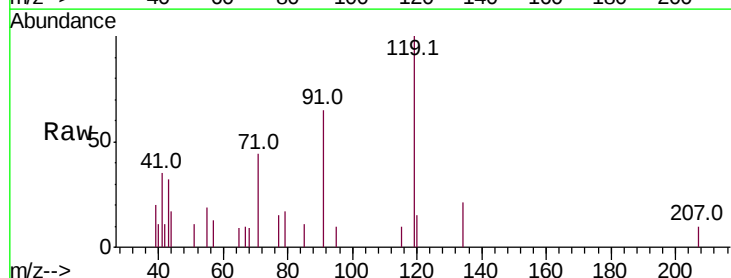
Instrument :
MSVOA_N
ClientSampleId :
MW-5

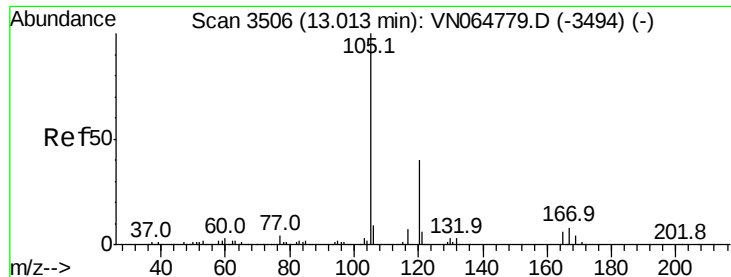
Tot Ion: 91 Resp: 2035
Ion Ratio Lower Upper
91 100
126 0.0 16.9 50.7#



#83
tert-Butylbenzene
Concen: 0.400 ug/l
RT: 12.96 min Scan# 3491
Delta R.T. -0.00 min
Lab File: VN064814.D
Acq: 24 Nov 2020 16:40

Tgt Ion: 119 Resp: 3026
Ion Ratio Lower Upper
119 100
91 73.5 32.3 96.8
134 21.3 12.6 37.6

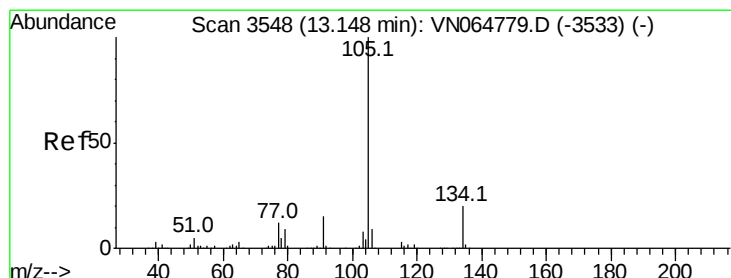
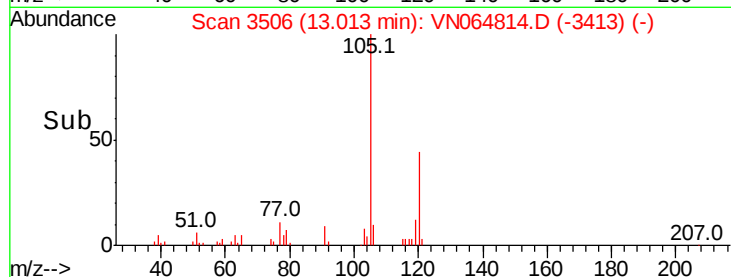
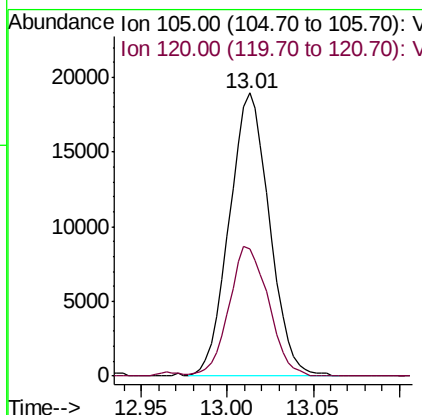
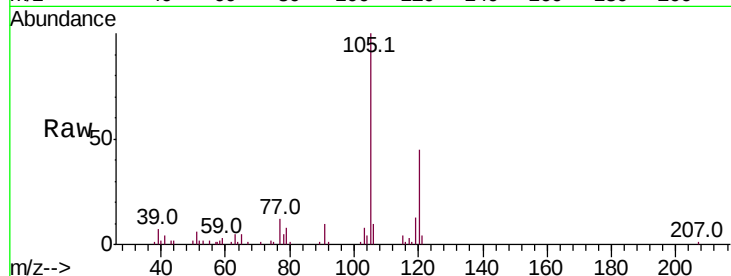




#84
 1,2,4-Trimethylbenzene
 Concen: 3.373 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064814.D
 Acq: 24 Nov 2020 16:40

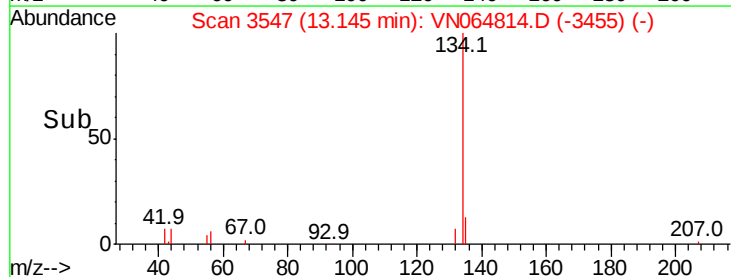
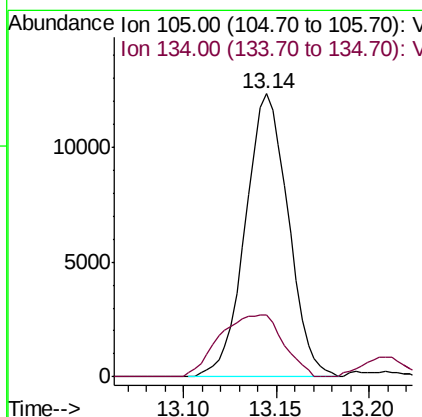
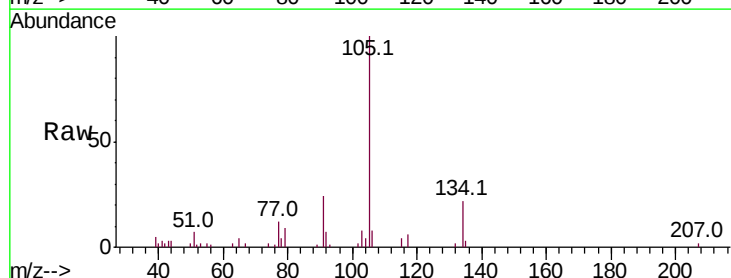
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5

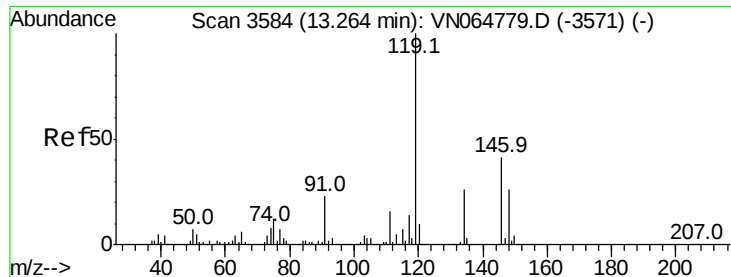
Tot Ion:105 Resp: 30784
 Ion Ratio Lower Upper
 105 100
 120 44.8 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 1.969 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064814.D
 Acq: 24 Nov 2020 16:40

Tgt Ion:105 Resp: 19782
 Ion Ratio Lower Upper
 105 100
 134 32.5 10.1 30.1#

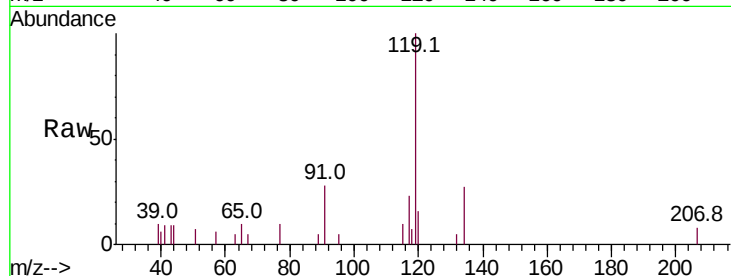




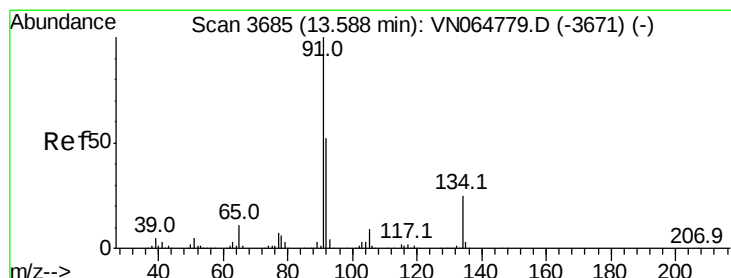
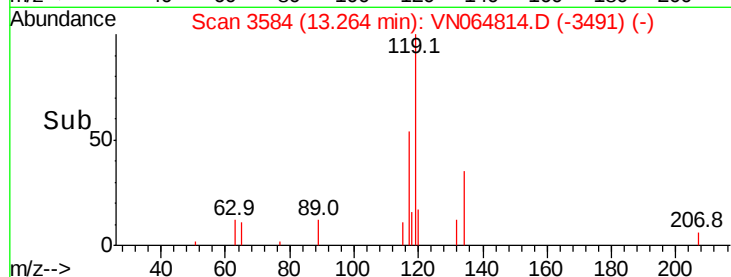
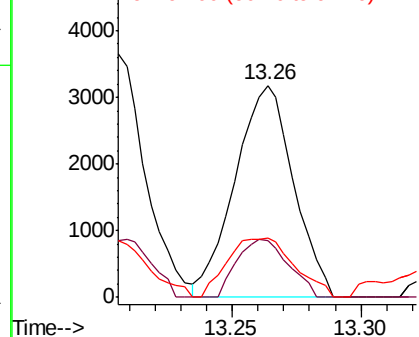
#86
p-Isopropyltoluene
Concen: 0.550 ug/l
RT: 13.26 min Scan# 3584
Delta R.T. 0.00 min
Lab File: VN064814.D
Acq: 24 Nov 2020 16:40

Instrument :
MSVOA_N
ClientSampled :
MW-5

Tot Ion:119 Resp: 5027
Ion Ratio Lower Upper
119 100
134 0.0 13.1 39.1#
91 0.0 11.5 34.5#

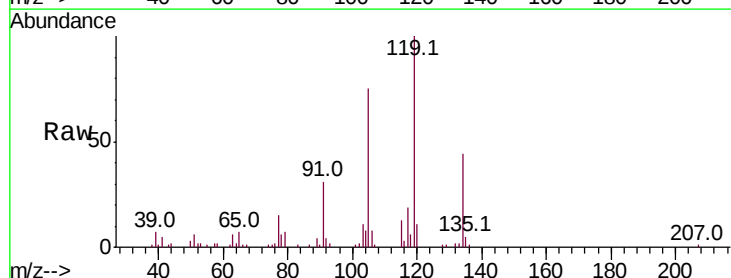


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

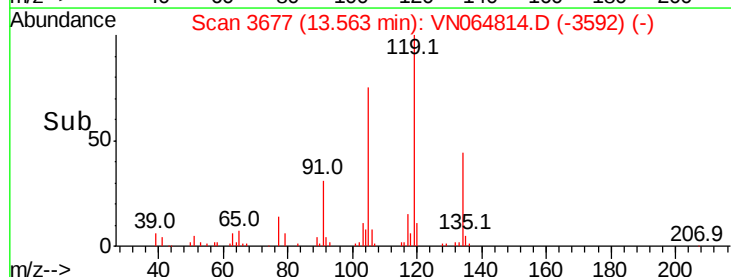
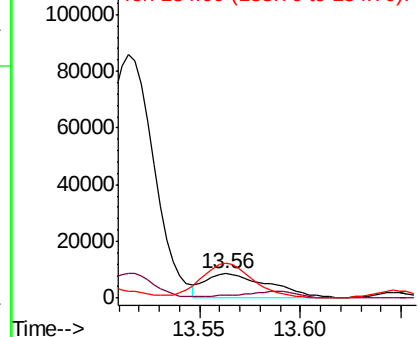


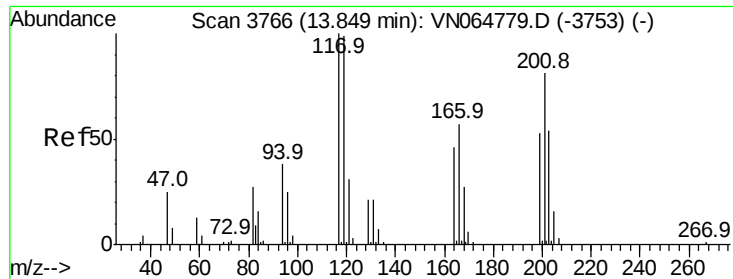
#89
n-Butylbenzene
Concen: 2.255 ug/l
RT: 13.56 min Scan# 3677
Delta R.T. -0.03 min
Lab File: VN064814.D
Acq: 24 Nov 2020 16:40

Tgt Ion: 91 Resp: 18109
Ion Ratio Lower Upper
91 100
92 0.0 26.0 78.0#
134 123.8 12.9 38.6#



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





#90

Hexachloroethane

Concen: 14.076 ug/l

RT: 13.86 min Scan# 3769

Delta R.T. 0.01 min

Lab File: VN064814.D

Acq: 24 Nov 2020 16:40

Instrument :

MSVOA_N

ClientSampled :

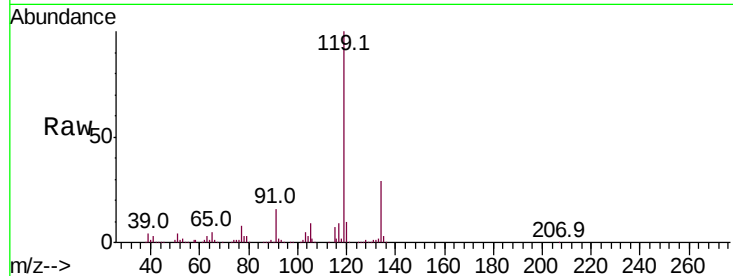
MW-5

Tot Ion:117 Resp: 22362

Ion Ratio Lower Upper

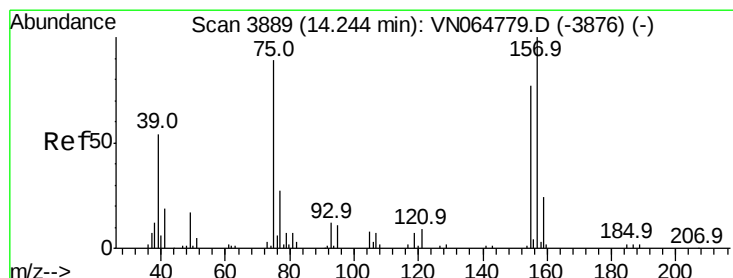
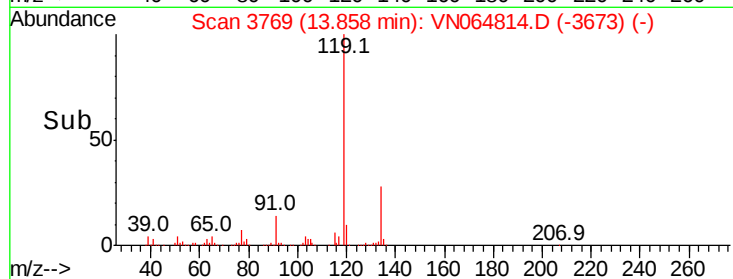
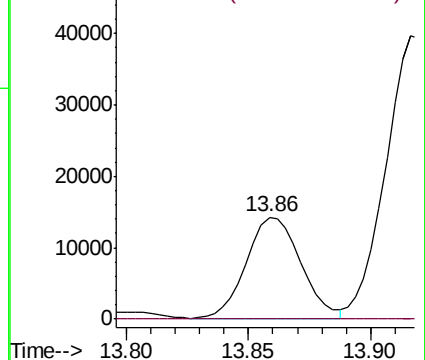
117 100

201 0.0 40.1 120.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.338 ug/l

RT: 14.18 min Scan# 3868

Delta R.T. -0.07 min

Lab File: VN064814.D

Acq: 24 Nov 2020 16:40

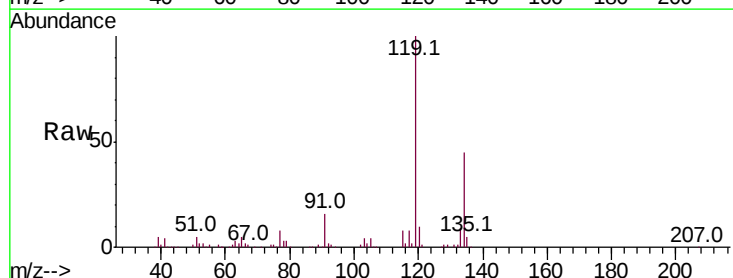
Tgt Ion: 75 Resp: 958

Ion Ratio Lower Upper

75 100

155 0.0 42.8 128.3#

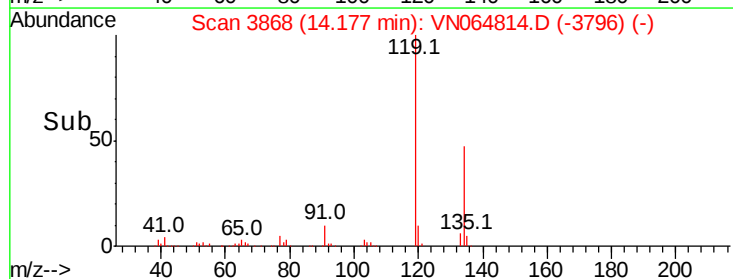
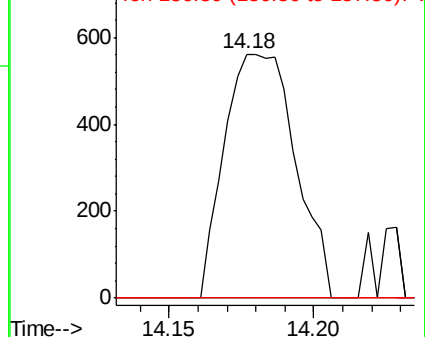
157 0.0 56.4 169.1#

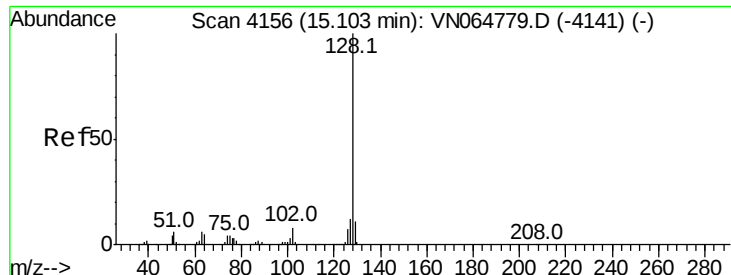


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 6.858 ug/l

RT: 15.10 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN064814.D

Acq: 24 Nov 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

MW-5

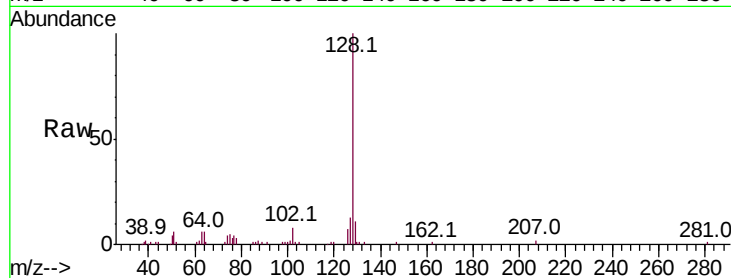
Tot Ion:128 Resp: 64911

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.2 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

