

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064803.D
 Acq On : 24 Nov 2020 12:14
 Operator : JC/MD
 Sample : L4829-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14

Quant Time: Nov 25 04:02:52 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	180626	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	313849	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	330547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	176294	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		7.99	65	104540	49.78	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.56%	
35) Dibromofluoromethane		7.55	113	94349	50.24	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.48%	
50) Toluene-d8		10.06	98	392112	51.10	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.20%	
62) 4-Bromofluorobenzene		12.38	95	169969	61.89	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	123.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	599	0.294	ug/l #	76
16) Acetone	3.78	43	3489	5.054	ug/l	91
17) Carbon Disulfide	4.01	76	4634	1.030	ug/l #	75
25) 2-Butanone	6.77	43	722	0.645	ug/l #	49
29) Tetrahydrofuran	7.33	42	258	0.334	ug/l #	32
31) Cyclohexane	7.59	56	57207	19.546	ug/l #	41
36) 1,1-Dichloropropene	7.62	75	12180	4.187	ug/l #	46
37) Ethyl Acetate	6.77	43	722	0.258	ug/l #	66
38) Carbon Tetrachloride	7.63	117	16768	5.540	ug/l #	15
39) Methylcyclohexane	9.05	83	70463	22.500	ug/l	97
41) Methacrylonitrile	7.35	41	7089	5.483	ug/l #	47
43) Isopropyl Acetate	8.11	43	43916	9.739	ug/l #	59
45) 1,2-Dichloropropane	9.04	63	601	0.260	ug/l #	1
48) Methyl methacrylate	9.11	41	6209	2.882	ug/l #	32
52) Toluene	10.13	92	2450	0.446	ug/l	89
55) 1,1,2-Trichloroethane	10.50	97	3063	1.357	ug/l #	19
56) Ethyl methacrylate	10.40	69	1243	0.399	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.93	63	379	0.221	ug/l #	46
67) Ethyl Benzene	11.48	91	187699	15.828	ug/l	98
68) m/p-Xylenes	11.60	106	7333	1.633	ug/l	100
69) o-Xylene	11.92	106	23060	5.413	ug/l	100
70) Styrene	11.93	104	6793	0.944	ug/l #	36
73) Isopropylbenzene	12.22	105	1024034	83.509	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	6695	1.763	ug/l #	100
77) Bromobenzene	12.43	156	92852	28.086	ug/l #	1
78) n-propylbenzene	12.56	91	1217674	87.167	ug/l	100
79) 2-Chlorotoluene	12.66	91	65655	7.603	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.70	105	332193	32.592	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.22	75	11567	8.350	ug/l #	53
82) 4-Chlorotoluene	12.66	91	65655	7.254	ug/l #	41
83) tert-Butylbenzene	13.01	119	788467	92.291	ug/l #	70
84) 1,2,4-Trimethylbenzene	13.01	105	5525919	536.219	ug/l	91
85) sec-Butylbenzene	13.01	105	5525919	487.157	ug/l #	56
86) p-Isopropyltoluene	13.21	119	166796	16.151	ug/l	98

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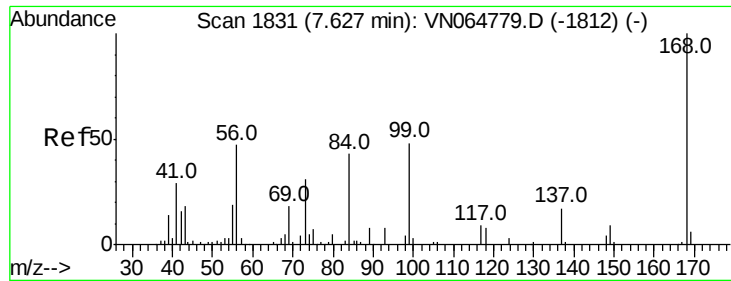
Instrument :
MSVOA_N
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Quant Time: Nov 25 04:02:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.56	91	32631	3.598	ug/l #	1
90) Hexachloroethane	13.86	117	138188	77.026	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.27	75	2941	3.637	ug/l #	1
95) Naphthalene	15.11	128	12409220	1161.017	ug/l #	58
96) 1,2,3-Trichlorobenzene	15.28	180	286	1.474	ug/l #	64

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

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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064803.D

Acq: 24 Nov 2020 12:14

Instrument :

MSVOA_N

ClientSampled :

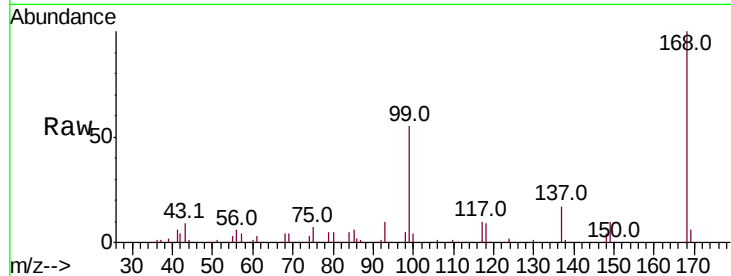
MW-14

Tot Ion:168 Resp: 180626

Ion Ratio Lower Upper

168 100

99 54.6 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

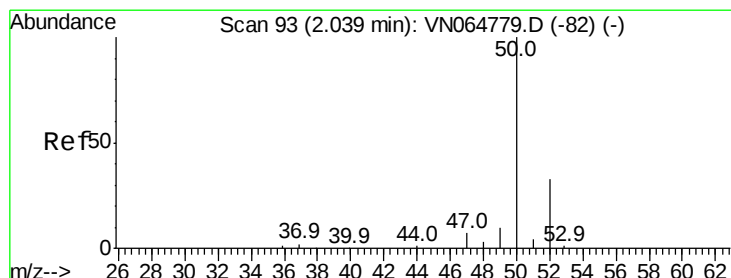
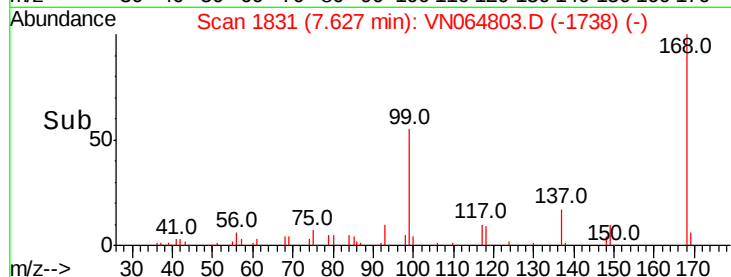
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 0.294 ug/l

RT: 2.04 min Scan# 94

Delta R.T. 0.00 min

Lab File: VN064803.D

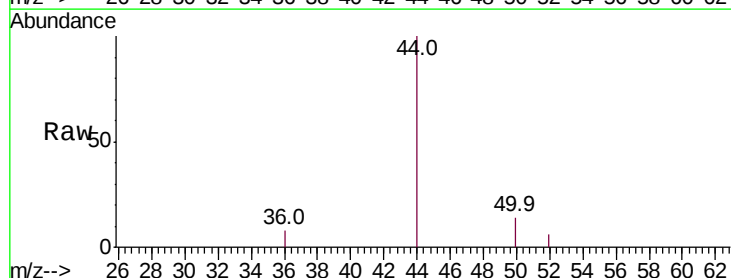
Acq: 24 Nov 2020 12:14

Tgt Ion: 50 Resp: 599

Ion Ratio Lower Upper

50 100

52 46.8 26.6 39.8#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.04

500

400

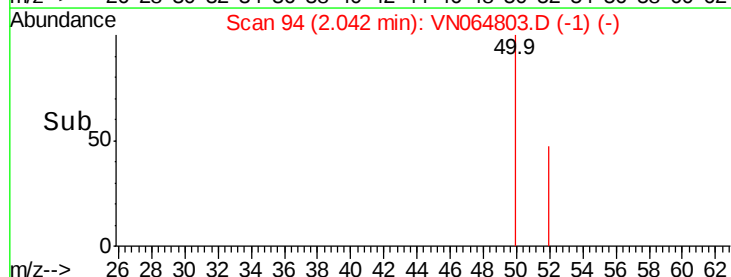
300

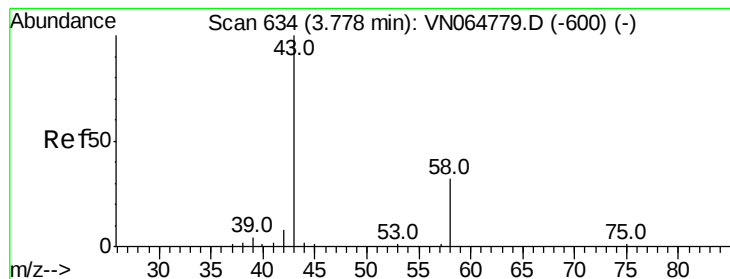
200

100

0

Time--> 2.00 2.02 2.04 2.06





#16

Acetone

Concen: 5.054 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064803.D

Acq: 24 Nov 2020 12:14

Instrument :

MSVOA_N

ClientSampled :

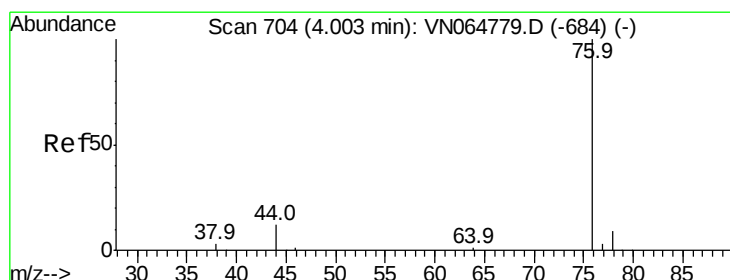
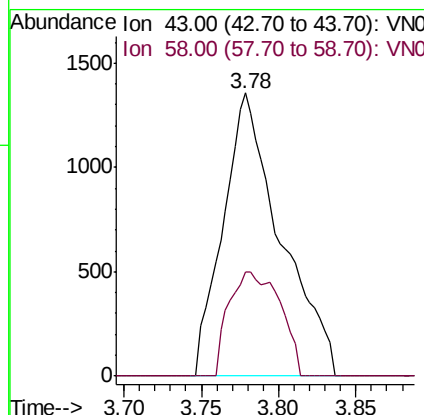
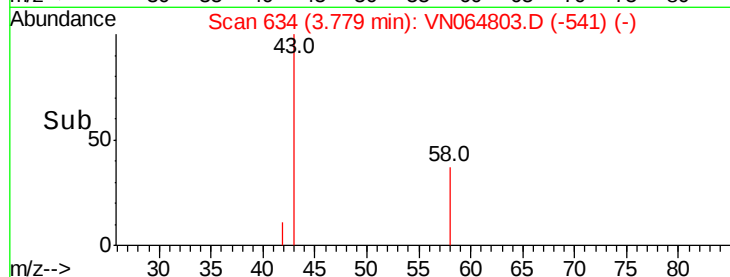
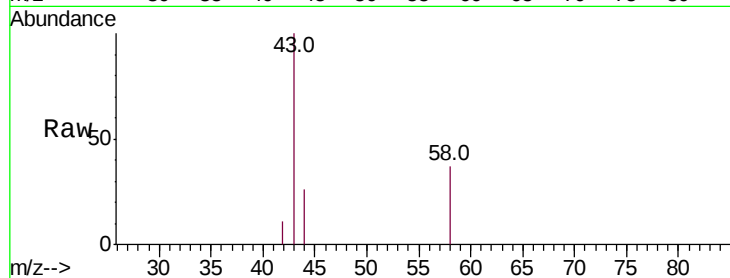
MW-14

Tot Ion: 43 Resp: 3489

Ion Ratio Lower Upper

43 100

58 36.8 25.7 38.5



#17

Carbon Disulfide

Concen: 1.030 ug/l

RT: 4.01 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN064803.D

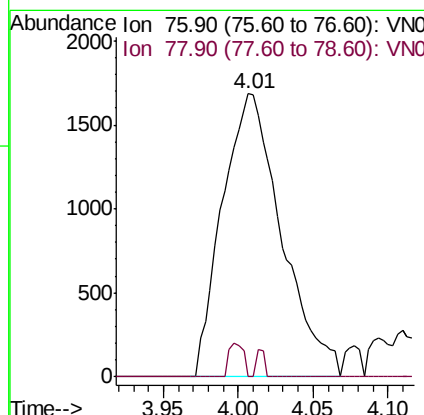
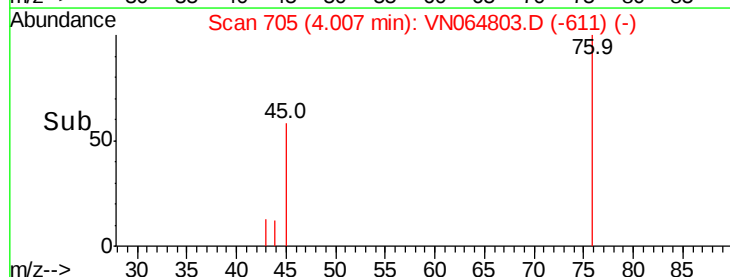
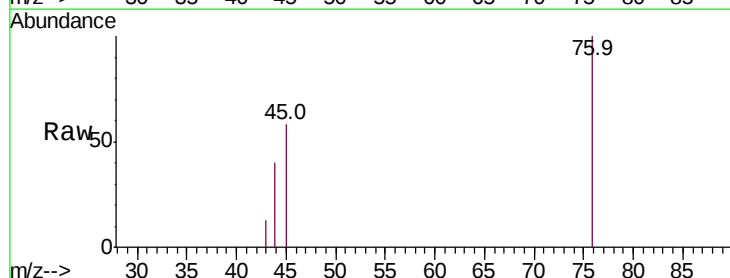
Acq: 24 Nov 2020 12:14

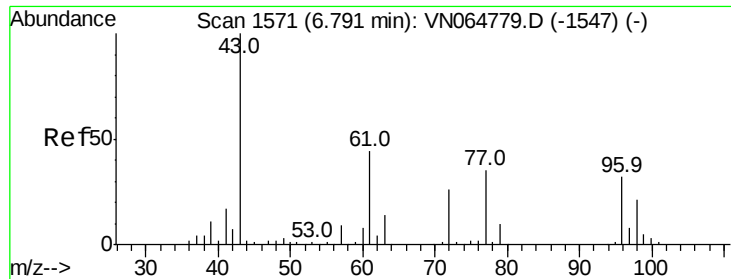
Tgt Ion: 76 Resp: 4634

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#





#25

2-Butanone

Concen: 0.645 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.02 min

Lab File: VN064803.D

Acq: 24 Nov 2020 12:14

Instrument :

MSVOA_N

ClientSampled :

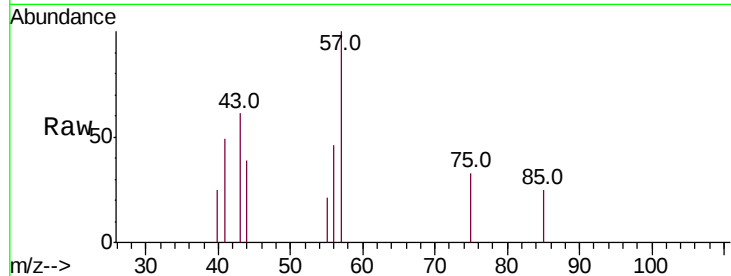
MW-14

Tot Ion: 43 Resp: 722

Ion Ratio Lower Upper

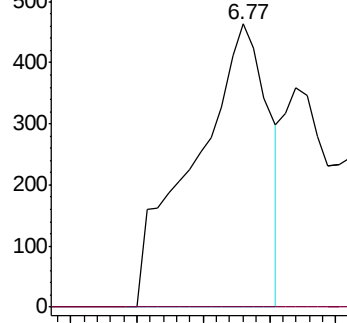
43 100

72 0.0 21.0 31.6#

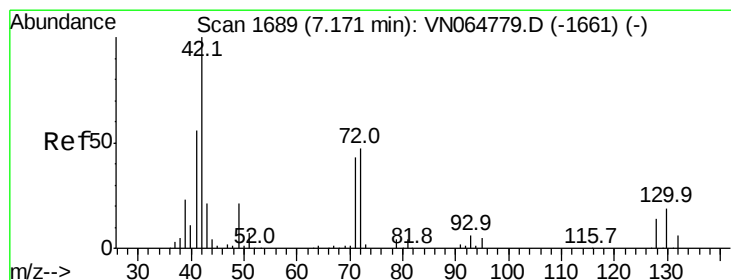
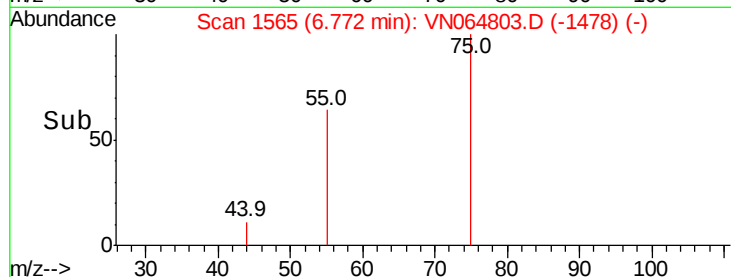


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



Time-->



#29

Tetrahydrofuran

Concen: 0.334 ug/l

RT: 7.33 min Scan# 1737

Delta R.T. 0.15 min

Lab File: VN064803.D

Acq: 24 Nov 2020 12:14

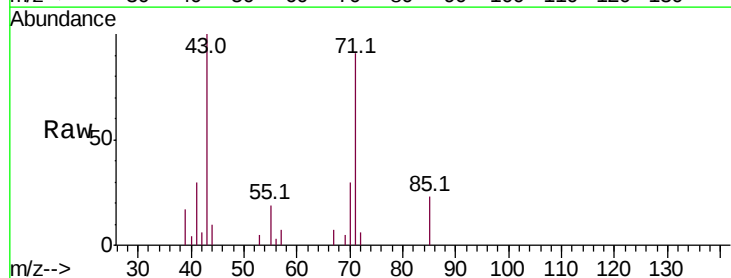
Tgt Ion: 42 Resp: 258

Ion Ratio Lower Upper

42 100

72 0.0 36.6 54.8#

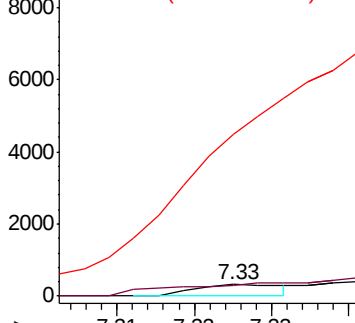
71 0.0 33.6 50.4#



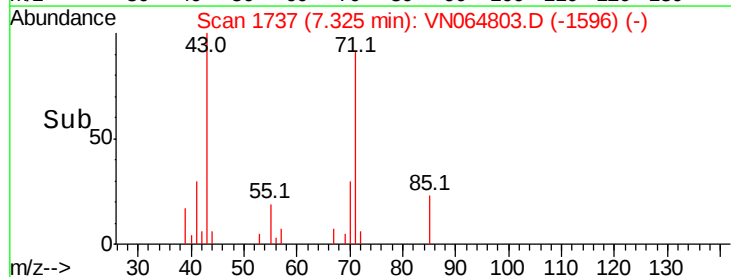
Abundance Ion 42.00 (41.70 to 42.70): VN0

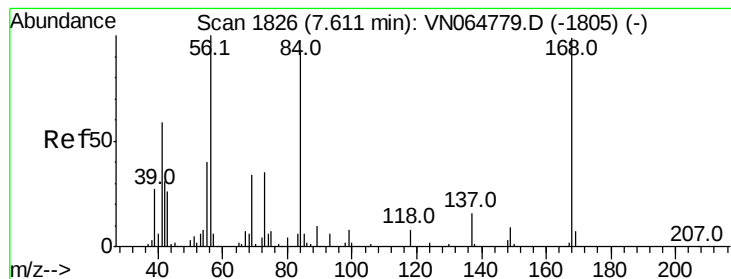
Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



Time-->





#31

Cyclohexane

Concen: 19.546 ug/l

RT: 7.59 min Scan# 1820

Delta R.T. -0.02 min

Lab File: VN064803.D

Acq: 24 Nov 2020 12:14

Instrument :

MSVOA_N

ClientSampled :

MW-14

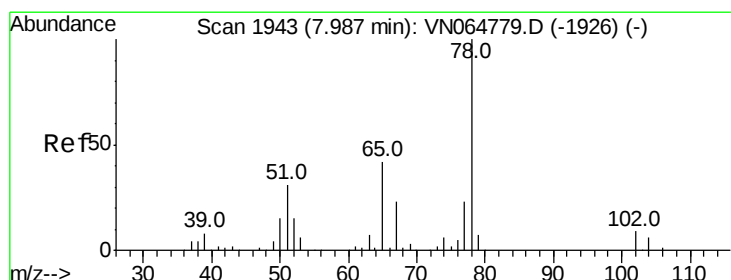
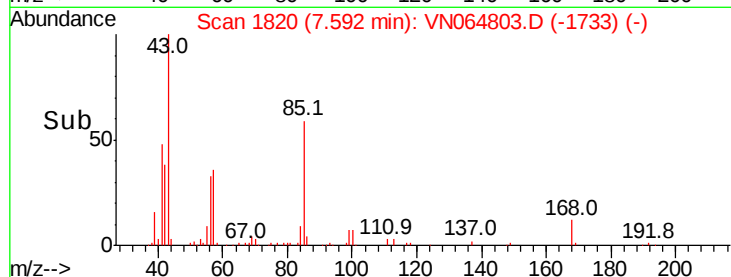
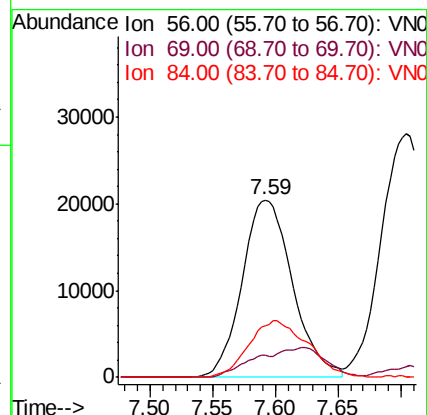
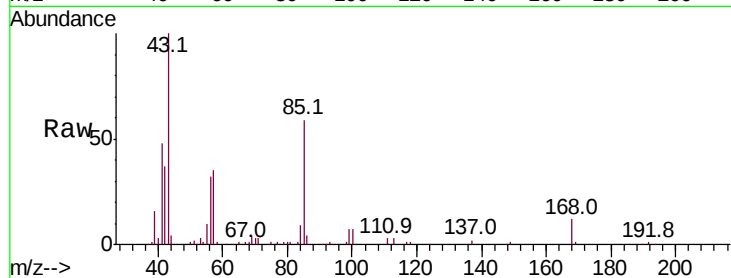
Tot Ion: 56 Resp: 57207

Ion Ratio Lower Upper

56 100

69 12.7 27.5 41.3#

84 28.9 73.9 110.9#



#33

1,2-Dichloroethane-d4

Concen: 49.783 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064803.D

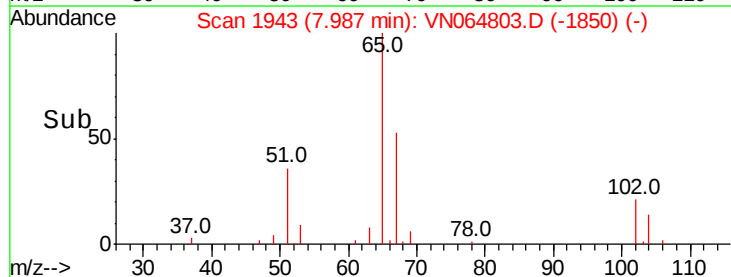
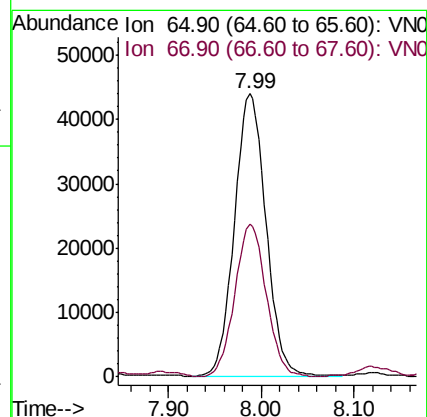
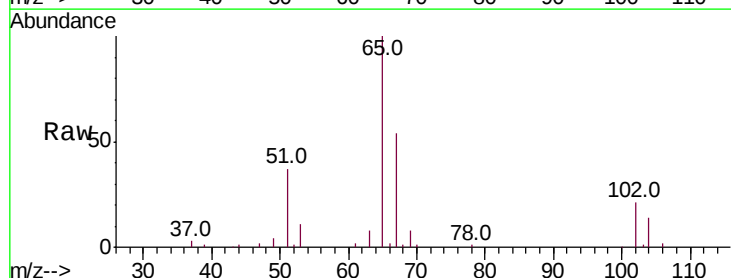
Acq: 24 Nov 2020 12:14

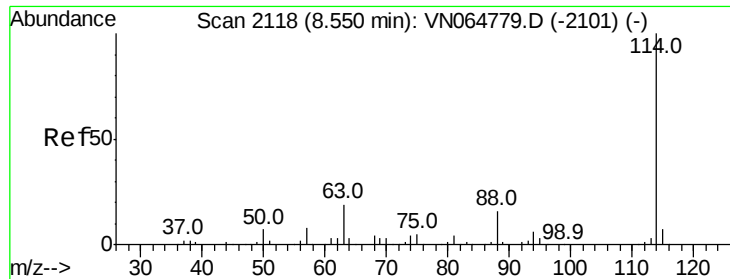
Tgt Ion: 65 Resp: 104540

Ion Ratio Lower Upper

65 100

67 53.5 0.0 108.2

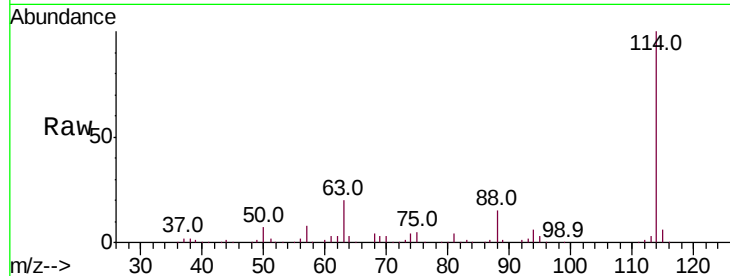




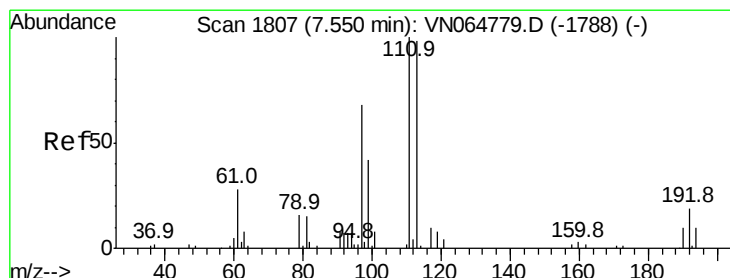
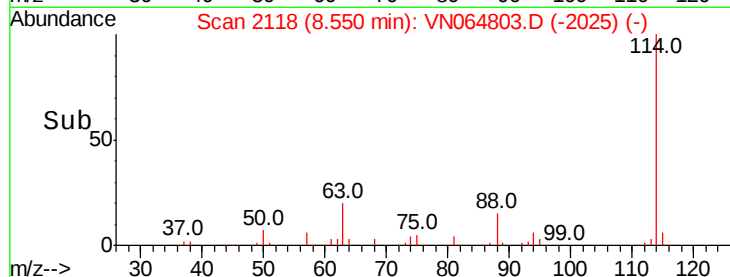
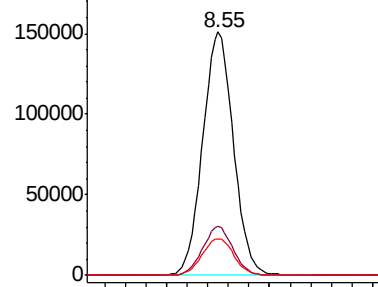
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064803.D
 Acq: 24 Nov 2020 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14

Tot Ion:114 Resp: 313849
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 38.6
 88 15.1 0.0 32.6

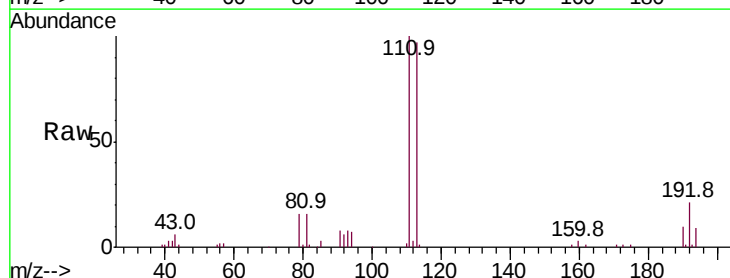


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

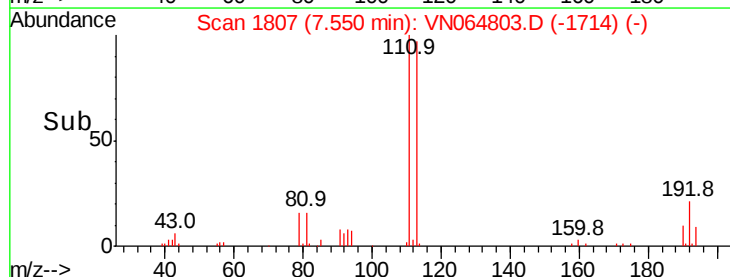
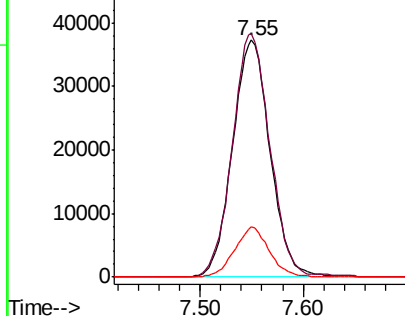


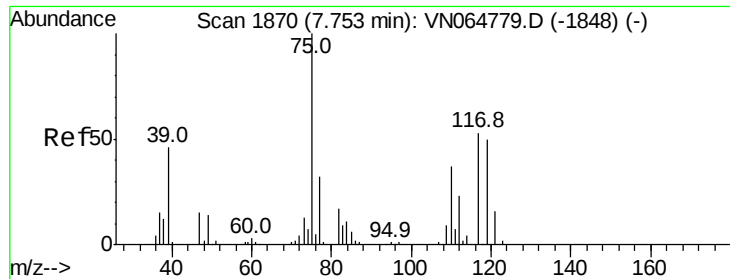
#35
 Dibromofluoromethane
 Concen: 50.240 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064803.D
 Acq: 24 Nov 2020 12:14

Tgt Ion:113 Resp: 94349
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.6 122.4
 192 19.3 16.2 24.2



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





#36

1,1-Dichloropropene

Concen: 4.187 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.13 min

Lab File: VN064803.D

Acq: 24 Nov 2020 12:14

Instrument :

MSVOA_N

ClientSampled :

MW-14

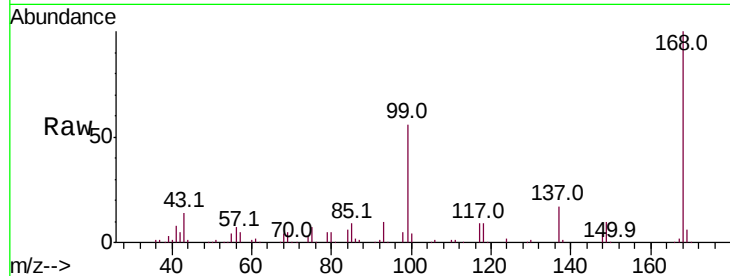
Tot Ion: 75 Resp: 12180

Ion Ratio Lower Upper

75 100

110 4.9 17.8 53.3#

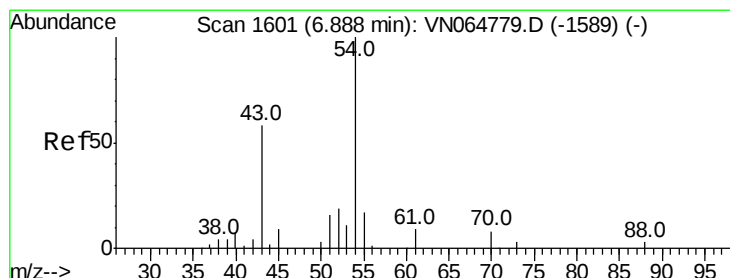
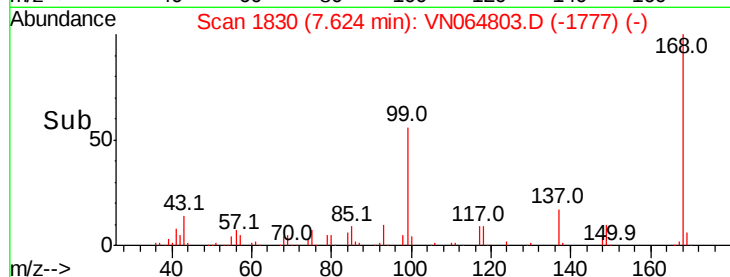
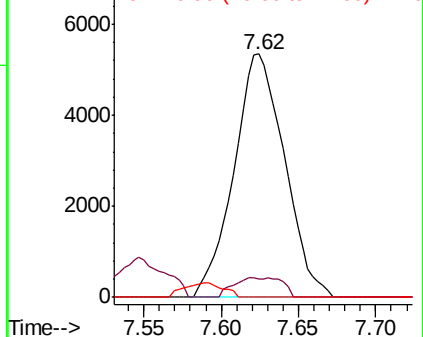
77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#37

Ethyl Acetate

Concen: 0.258 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.12 min

Lab File: VN064803.D

Acq: 24 Nov 2020 12:14

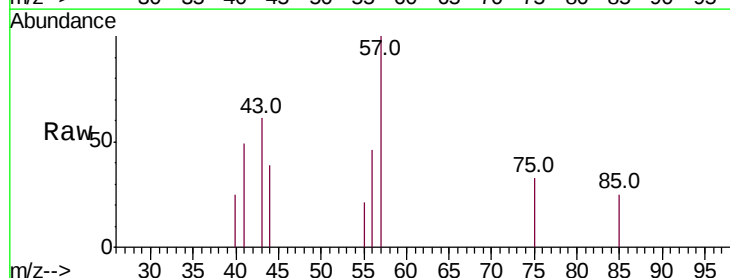
Tgt Ion: 43 Resp: 722

Ion Ratio Lower Upper

43 100

61 0.0 12.8 19.2#

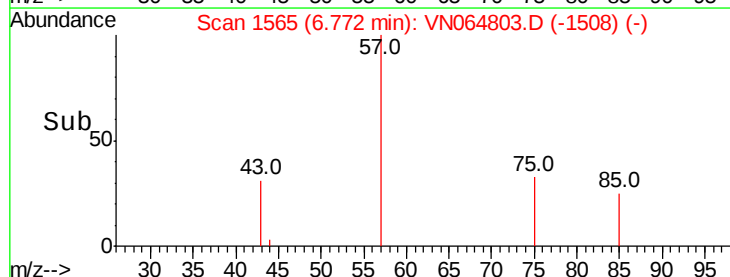
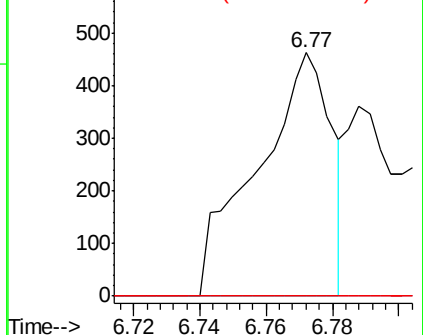
70 0.0 8.8 13.2#

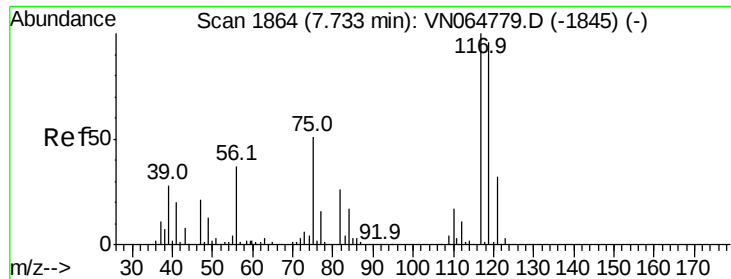


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0





#38

Carbon Tetrachloride

Concen: 5.540 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN064803.D

Acq: 24 Nov 2020 12:14

Instrument :

MSVOA_N

ClientSampled :

MW-14

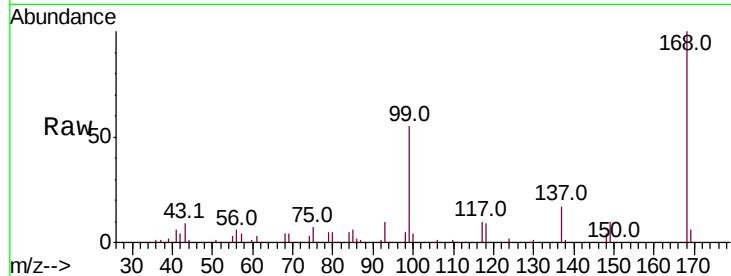
Tot Ion:117 Resp: 16768

Ion Ratio Lower Upper

117 100

119 4.3 76.7 115.1#

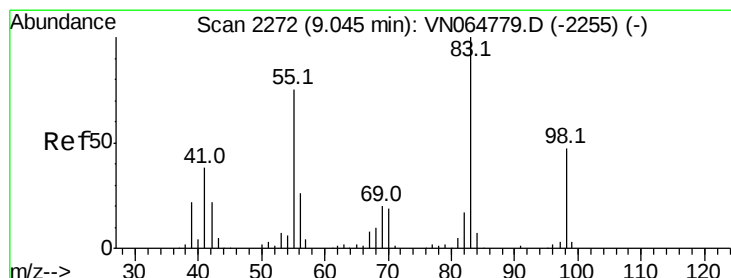
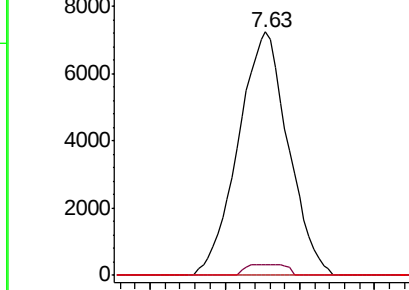
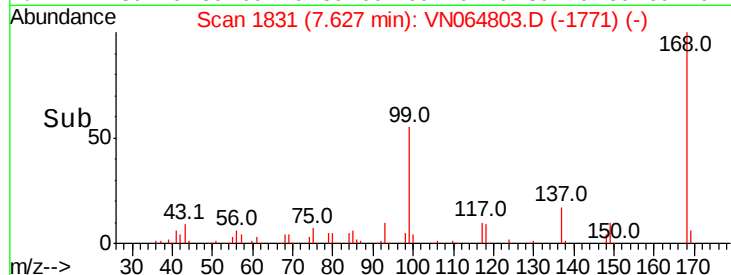
121 0.0 25.4 38.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 22.500 ug/l

RT: 9.05 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VN064803.D

Acq: 24 Nov 2020 12:14

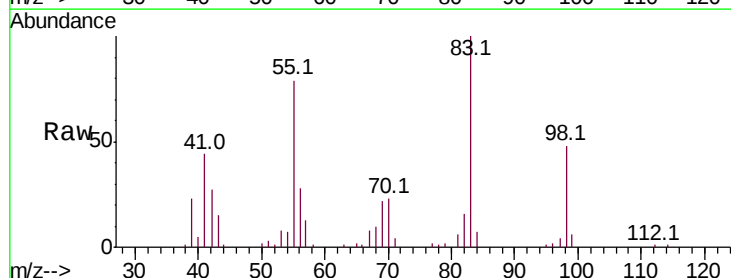
Tgt Ion: 83 Resp: 70463

Ion Ratio Lower Upper

83 100

55 78.9 60.2 90.2

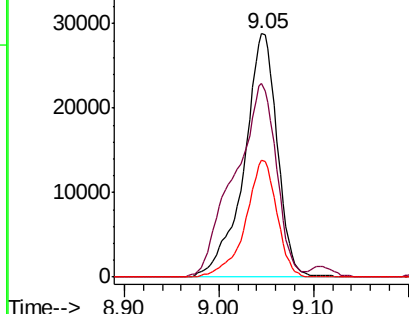
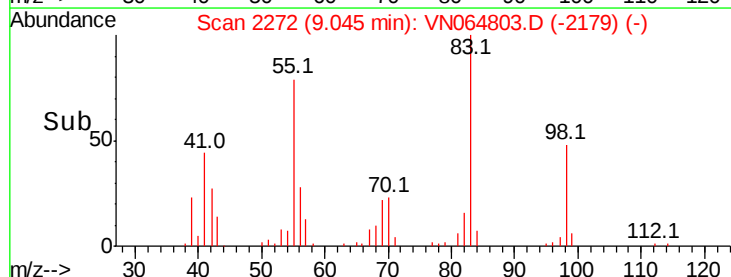
98 47.8 37.4 56.2

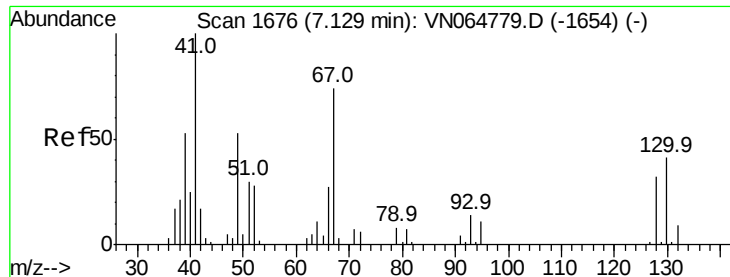


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#41

Methacrylonitrile

Concen: 5.483 ug/l

RT: 7.35 min Scan# 1745

Delta R.T. 0.22 min

Lab File: VN064803.D

Acq: 24 Nov 2020 12:14

Instrument :

MSVOA_N

ClientSampled :

MW-14

Tot Ion: 41 Resp: 7089

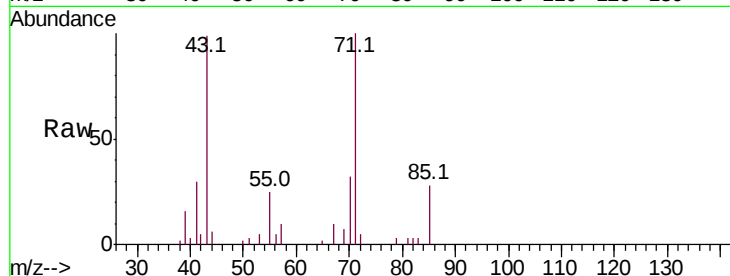
Ion Ratio Lower Upper

41 100

39 52.0 51.0 76.6

67 26.4 79.8 119.8#

52 0.0 31.5 47.3#

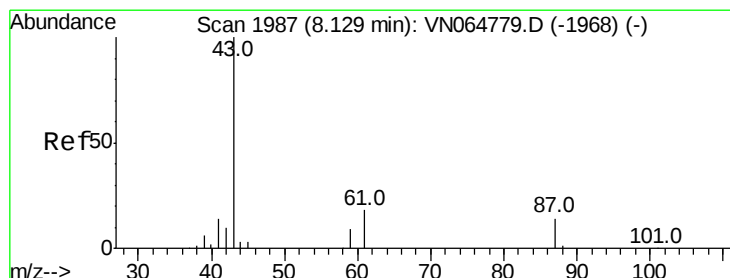
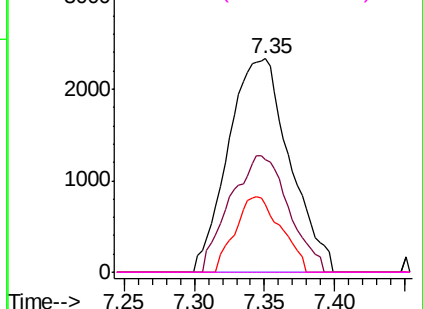
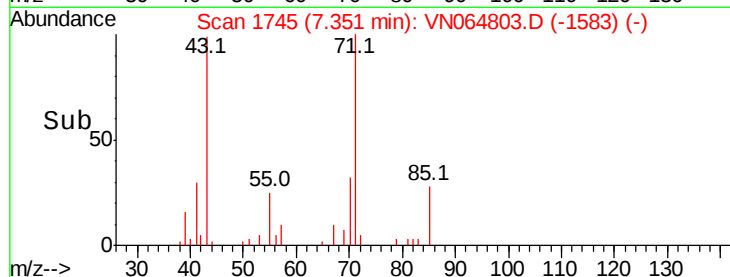


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#43

Isopropyl Acetate

Concen: 9.739 ug/l

RT: 8.11 min Scan# 1980

Delta R.T. -0.02 min

Lab File: VN064803.D

Acq: 24 Nov 2020 12:14

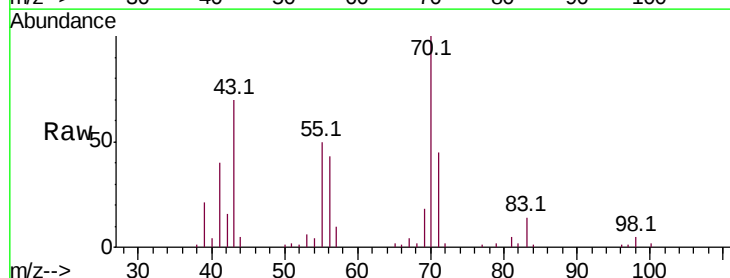
Tgt Ion: 43 Resp: 43916

Ion Ratio Lower Upper

43 100

61 0.0 17.2 25.8#

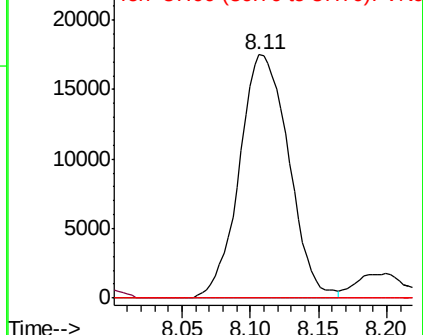
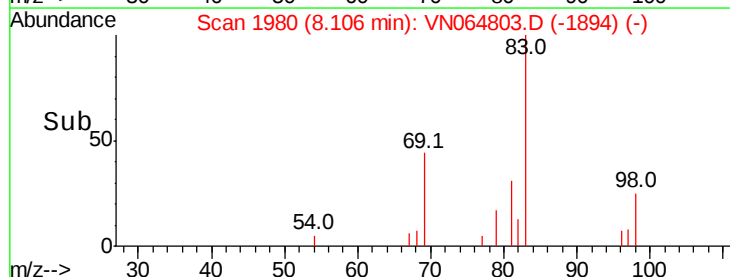
87 0.0 11.4 17.0#

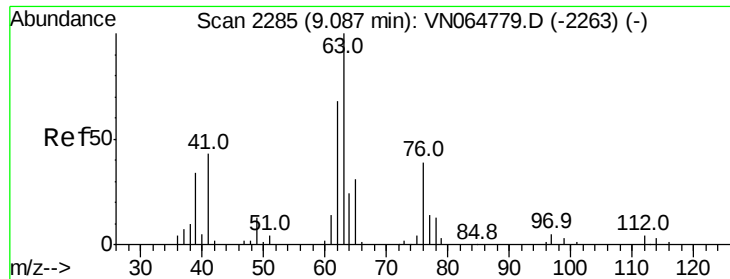


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

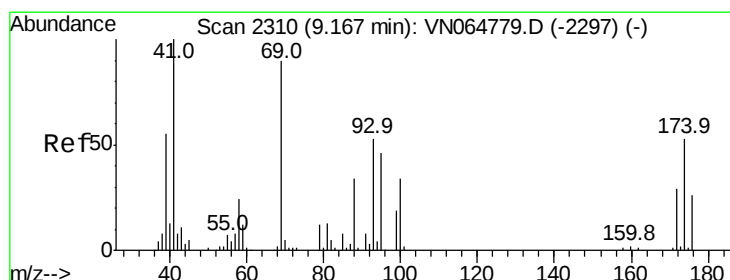
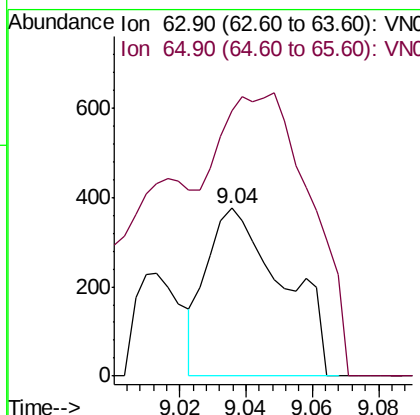
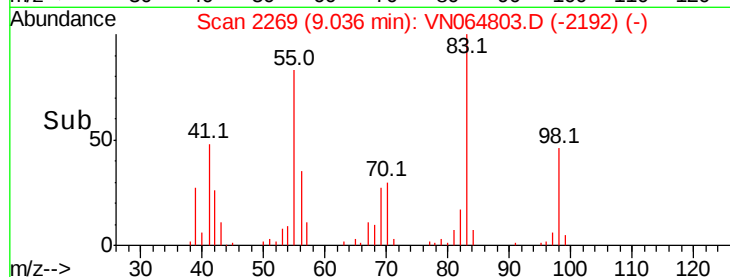
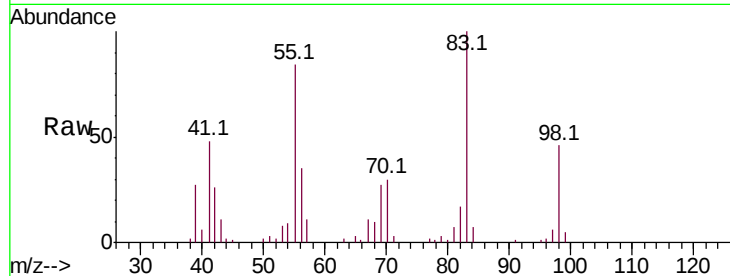




#45
 1,2-Dichloropropane
 Concen: 0.260 ug/l
 RT: 9.04 min Scan# 2269
 Delta R.T. -0.05 min
 Lab File: VN064803.D
 Acq: 24 Nov 2020 12:14

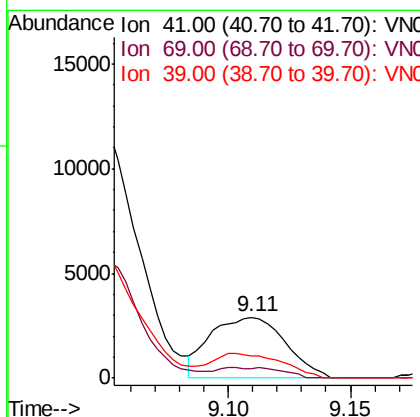
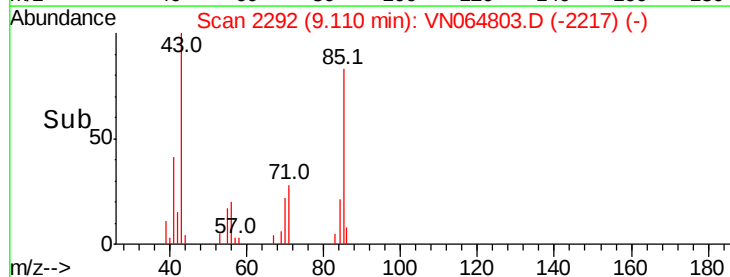
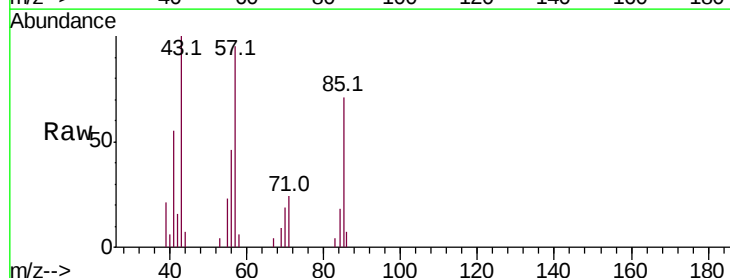
Instrument :
 MSVOA_N
 ClientSampled :
 MW-14

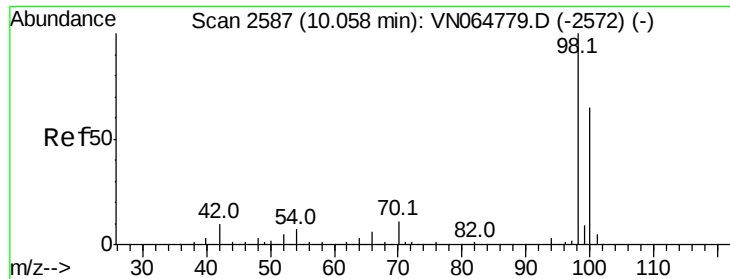
Tot Ion: 63 Resp: 601
 Ion Ratio Lower Upper
 63 100
 65 98.1 25.0 37.4#



#48
 Methyl methacrylate
 Concen: 2.882 ug/l
 RT: 9.11 min Scan# 2292
 Delta R.T. -0.06 min
 Lab File: VN064803.D
 Acq: 24 Nov 2020 12:14

Tgt Ion: 41 Resp: 6209
 Ion Ratio Lower Upper
 41 100
 69 0.0 71.8 107.8#
 39 37.6 44.1 66.1#





#50

Toluene-d8

Concen: 51.101 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064803.D

Acq: 24 Nov 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

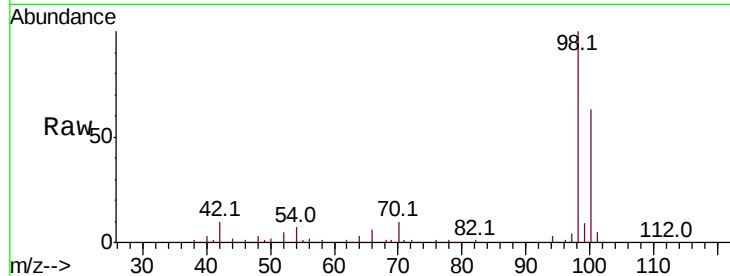
MW-14

Tot Ion: 98 Resp: 392112

Ion Ratio Lower Upper

98 100

100 63.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN064779.D (-2572) (-)

Ion 100.00 (99.70 to 100.70): VN064779.D (-2572) (-)

10.06

250000

200000

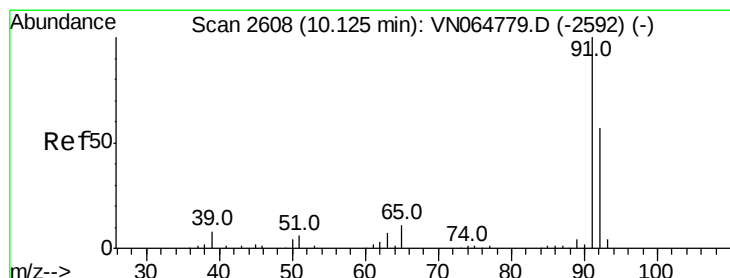
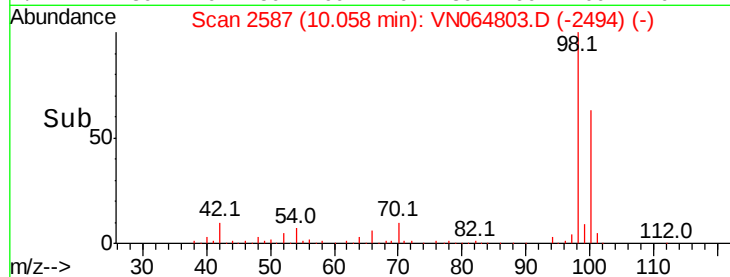
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 0.446 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064803.D

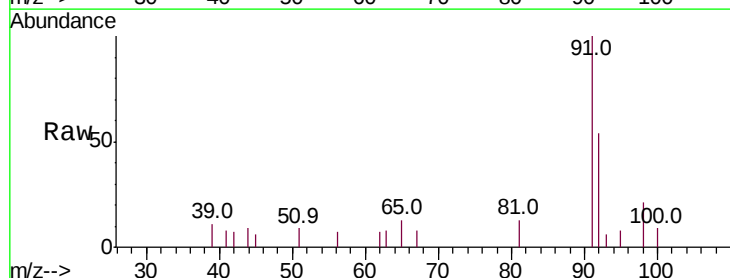
Acq: 24 Nov 2020 12:14

Tgt Ion: 92 Resp: 2450

Ion Ratio Lower Upper

92 100

91 188.8 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN064779.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064779.D (-2592) (-)

10.13

3000

2500

2000

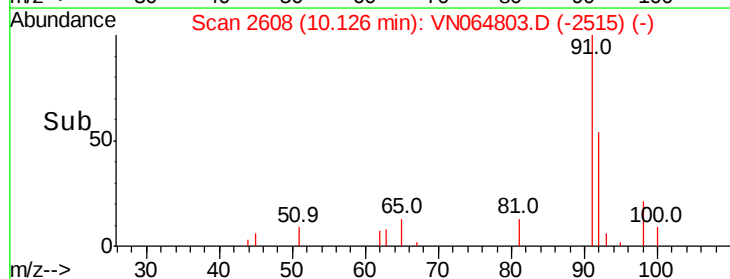
1500

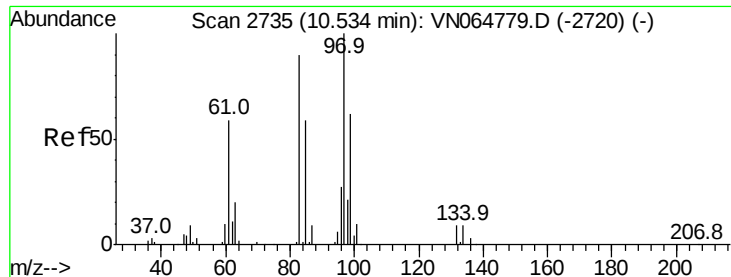
1000

500

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 1.357 ug/l

RT: 10.50 min Scan# 2725

Delta R.T. -0.03 min

Lab File: VN064803.D

Acq: 24 Nov 2020 12:14

Instrument :

MSVOA_N

ClientSampled :

MW-14

Tot Ion: 97 Resp: 3063

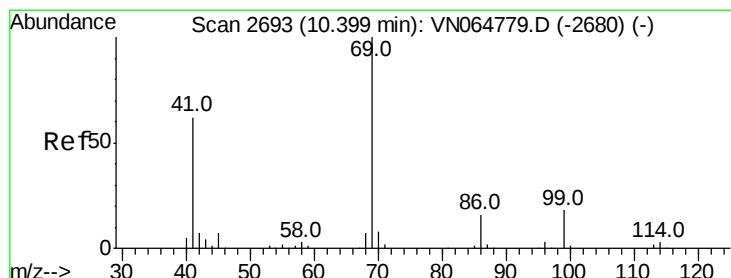
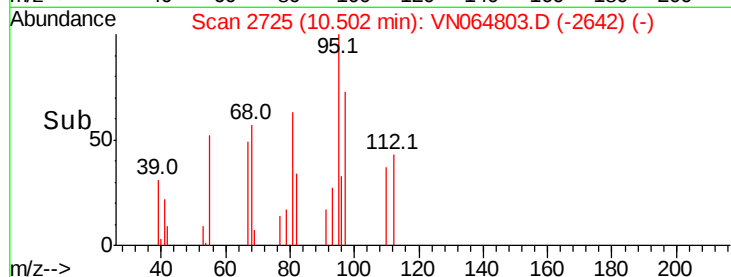
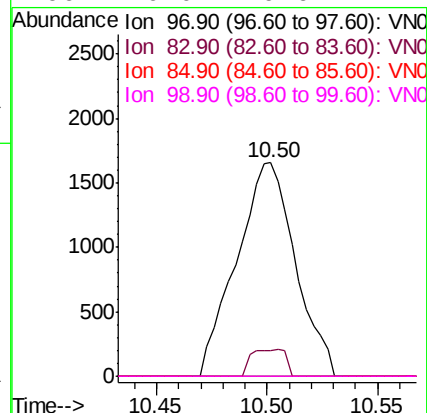
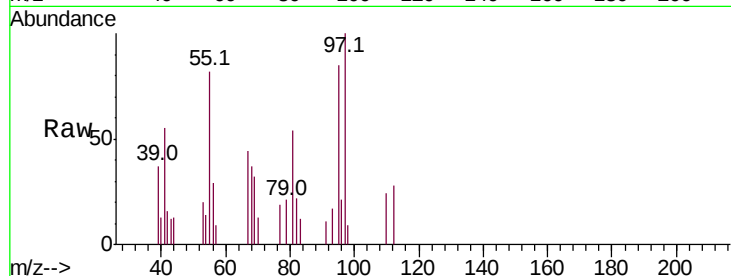
Ion Ratio Lower Upper

97 100

83 11.7 72.1 108.1#

85 0.0 46.8 70.2#

99 0.0 49.6 74.4#



#56

Ethyl methacrylate

Concen: 0.399 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064803.D

Acq: 24 Nov 2020 12:14

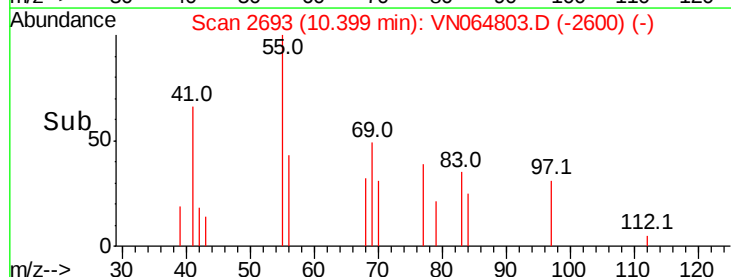
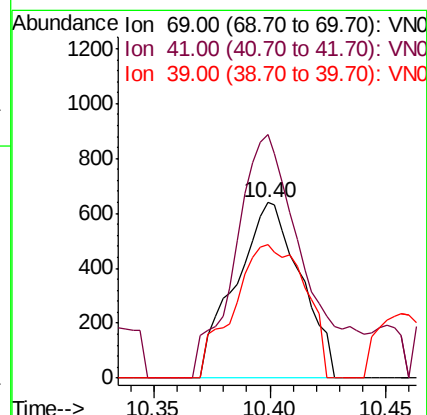
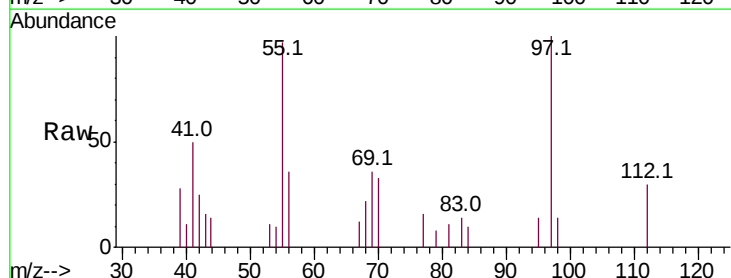
Tgt Ion: 69 Resp: 1243

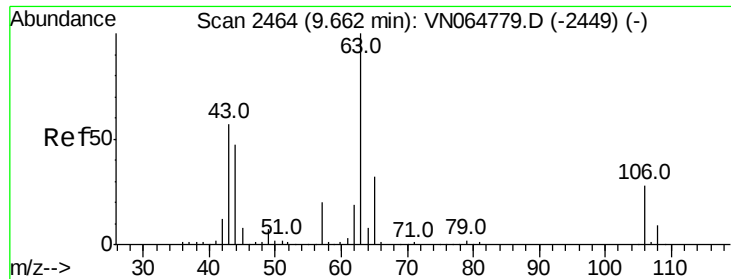
Ion Ratio Lower Upper

69 100

41 147.5 49.4 74.0#

39 83.5 25.9 38.9#

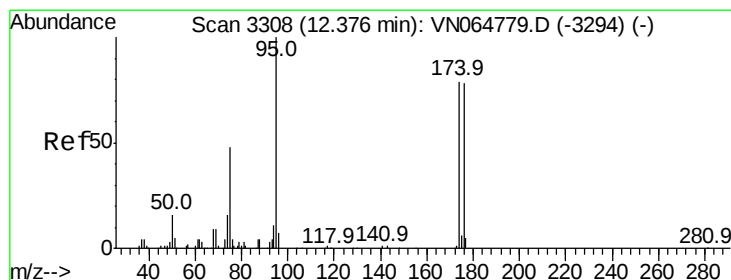
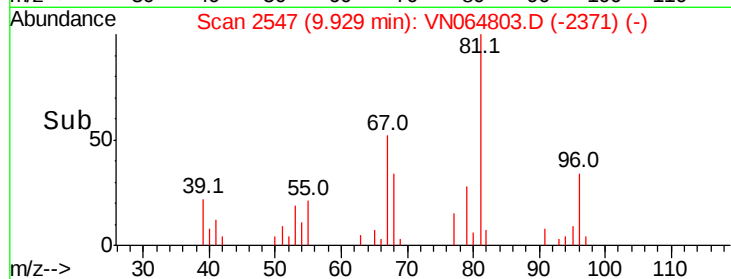
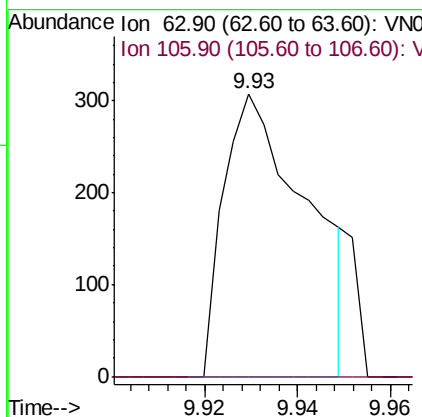
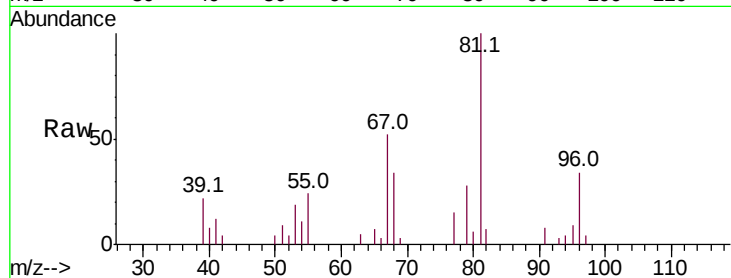




#58
2-Chloroethyl Vinyl ether
Concen: 0.221 ug/l
RT: 9.93 min Scan# 2547
Delta R.T. 0.27 min
Lab File: VN064803.D
Acq: 24 Nov 2020 12:14

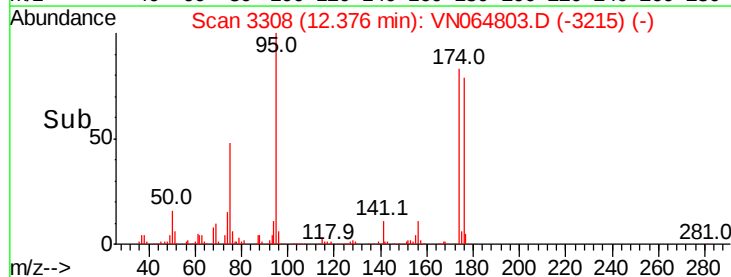
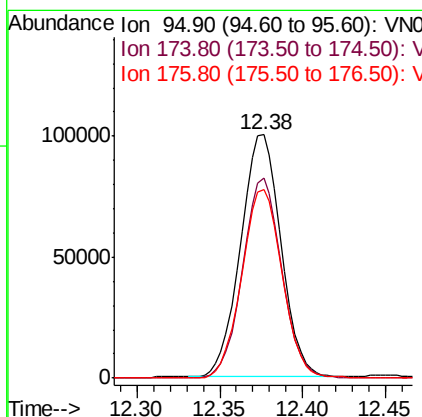
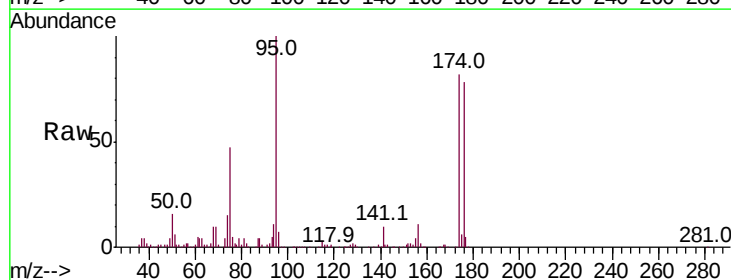
Instrument :
MSVOA_N
ClientSampleId :
MW-14

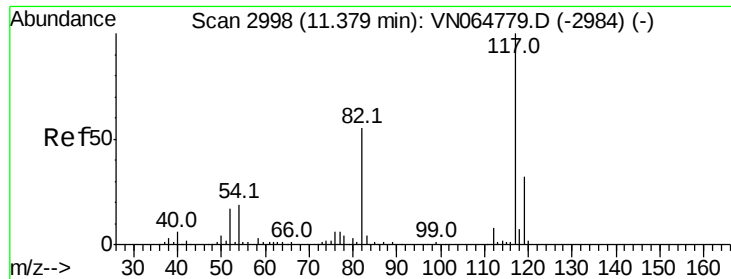
Tot Ion: 63 Resp: 379
Ion Ratio Lower Upper
63 100
106 0.0 22.7 34.1#



#62
4-Bromofluorobenzene
Concen: 61.895 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064803.D
Acq: 24 Nov 2020 12:14

Tgt Ion: 95 Resp: 169969
Ion Ratio Lower Upper
95 100
174 80.3 0.0 160.4
176 78.2 0.0 158.4

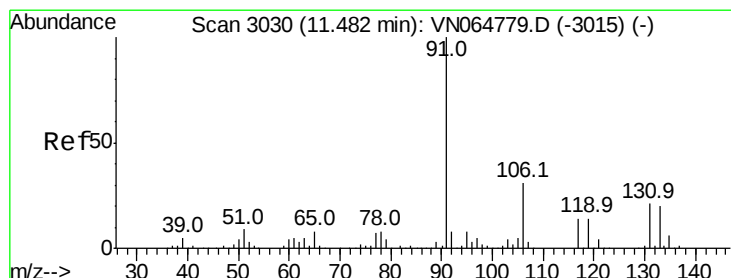
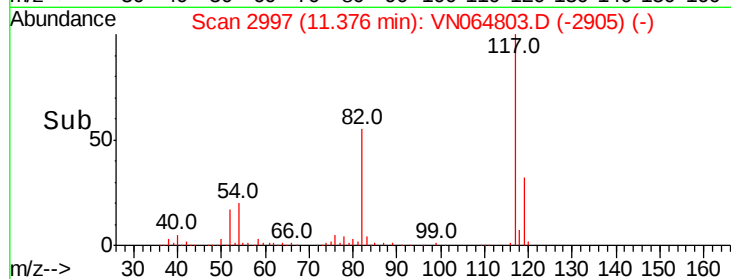
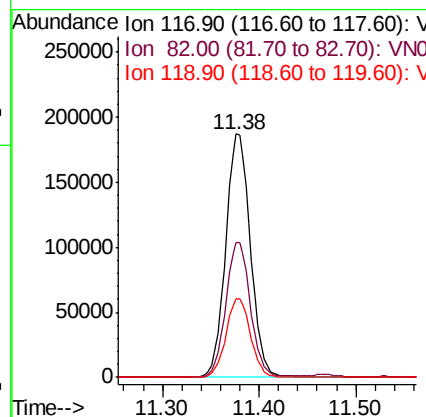
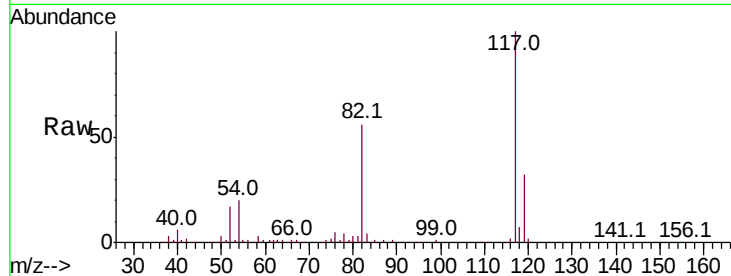




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064803.D
Acq: 24 Nov 2020 12:14

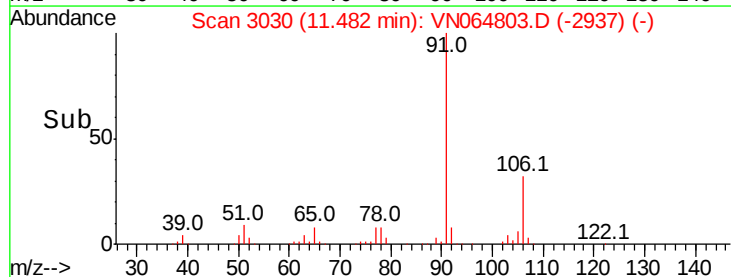
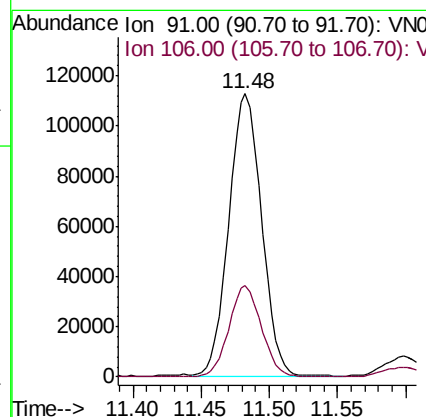
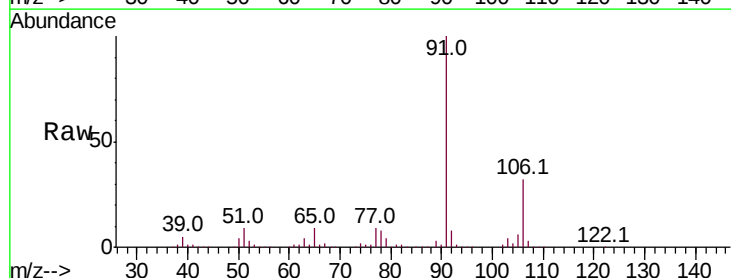
Instrument :
MSVOA_N
ClientSampleId :
MW-14

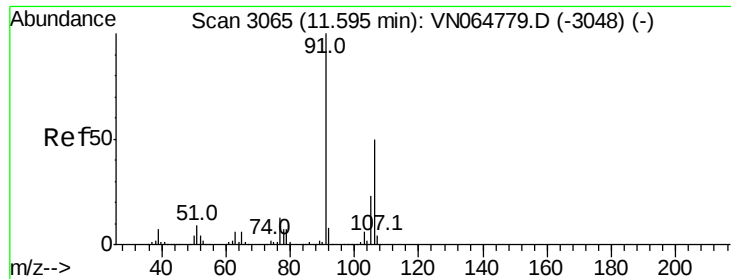
Tot Ion:117 Resp: 330547
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.2
119 32.3 25.8 38.6



#67
Ethyl Benzene
Concen: 15.828 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064803.D
Acq: 24 Nov 2020 12:14

Tgt Ion: 91 Resp: 187699
Ion Ratio Lower Upper
91 100
106 32.4 25.2 37.8

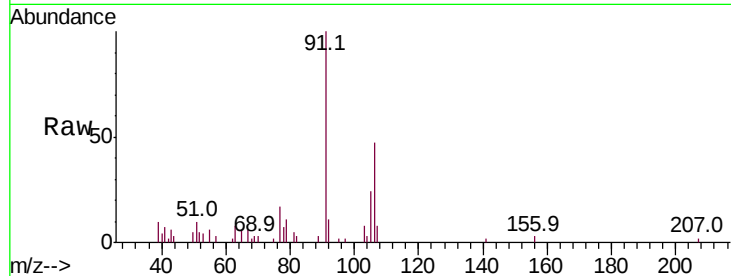




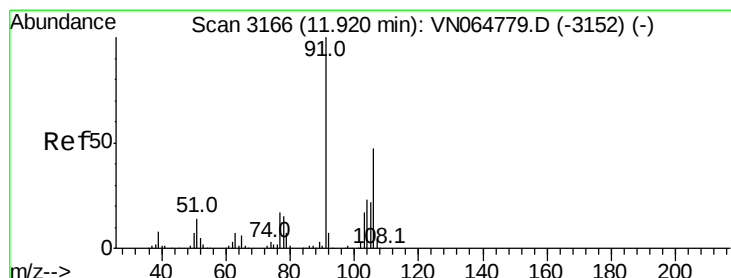
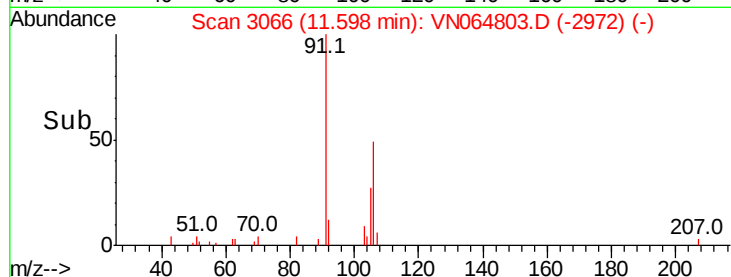
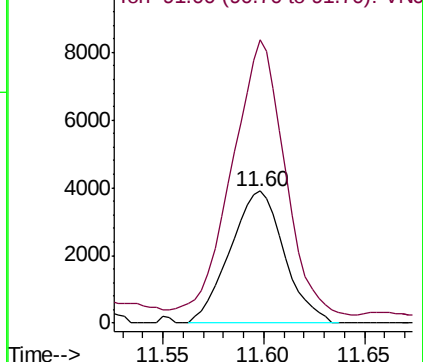
#68
m/p-Xylenes
Concen: 1.633 ug/l
RT: 11.60 min Scan# 3066
Delta R.T. 0.00 min
Lab File: VN064803.D
Acq: 24 Nov 2020 12:14

Instrument :
MSVOA_N
ClientSampleId :
MW-14

Tot Ion:106 Resp: 7333
Ion Ratio Lower Upper
106 100
91 201.1 161.0 241.4

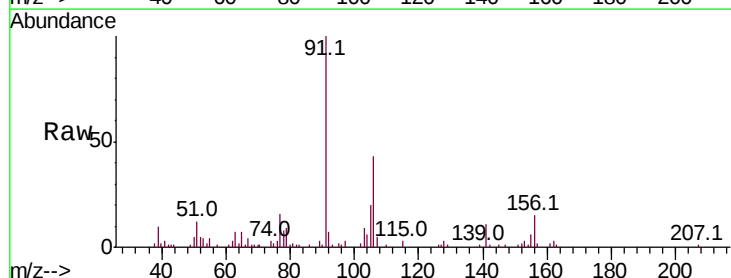


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

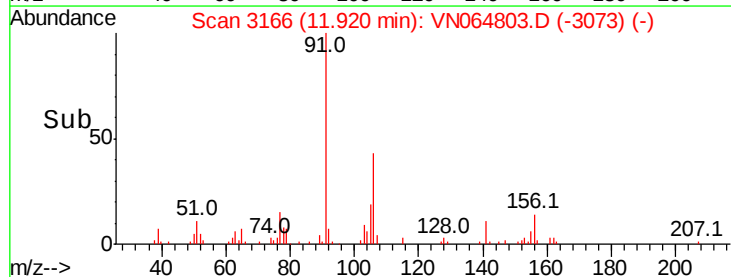
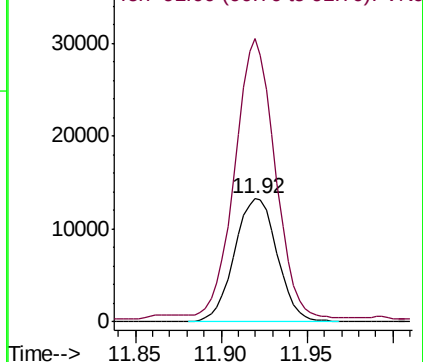


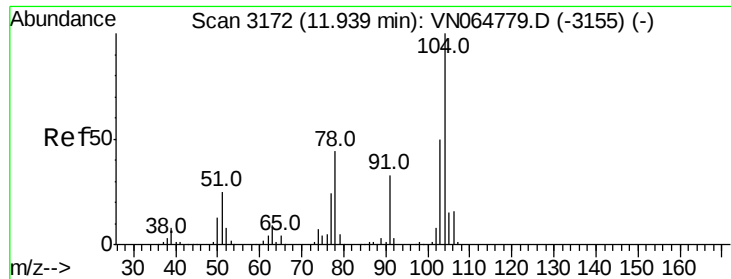
#69
o-Xylene
Concen: 5.413 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064803.D
Acq: 24 Nov 2020 12:14

Tgt Ion:106 Resp: 23060
Ion Ratio Lower Upper
106 100
91 210.7 105.5 316.5



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

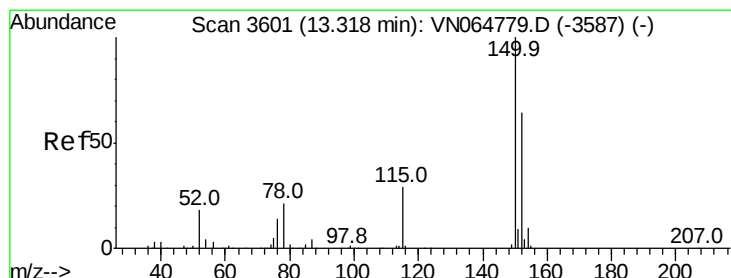
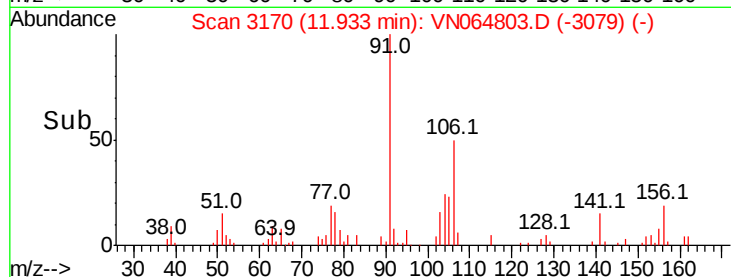
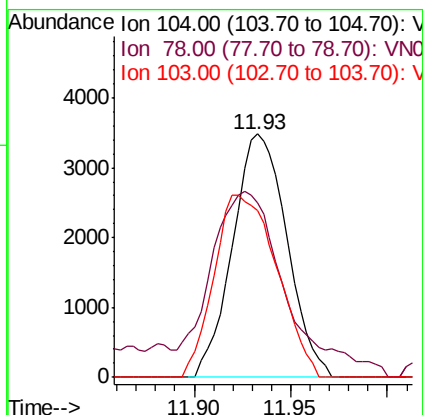
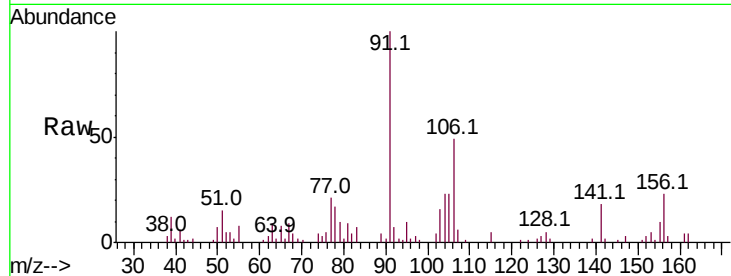




#70
Stvrene
Concen: 0.944 ug/l
RT: 11.93 min Scan# 3170
Delta R.T. -0.01 min
Lab File: VN064803.D
Acq: 24 Nov 2020 12:14

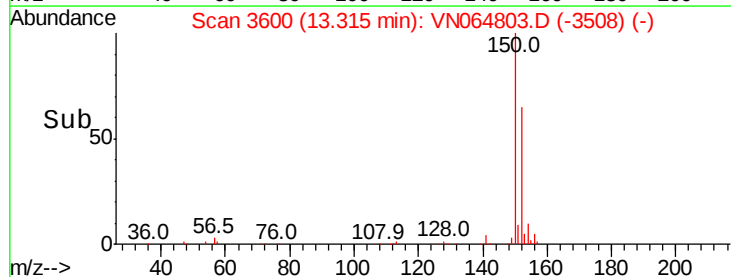
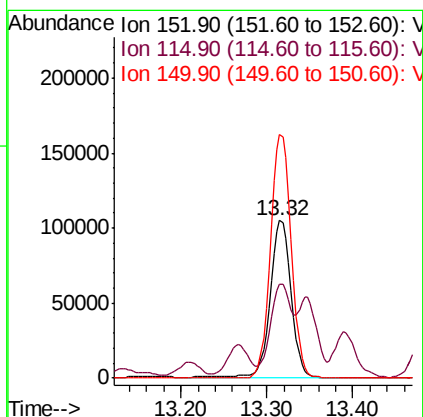
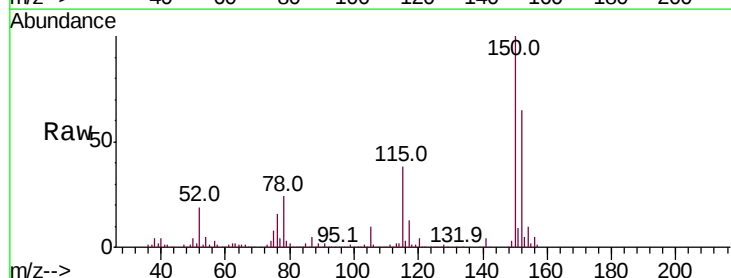
Instrument :
MSVOA_N
ClientSampled :
MW-14

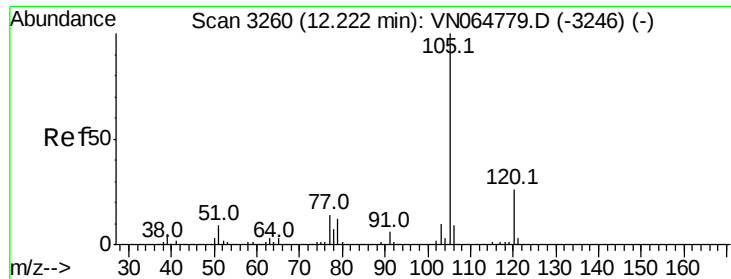
Tot Ion:104 Resp: 6793
Ion Ratio Lower Upper
104 100
78 108.0 39.0 58.6#
103 86.8 44.3 66.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064803.D
Acq: 24 Nov 2020 12:14

Tgt Ion:152 Resp: 176294
Ion Ratio Lower Upper
152 100
115 59.9 29.7 89.1
150 153.2 0.0 350.6





#73

Isopropylbenzene

Concen: 83.509 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064803.D

Acq: 24 Nov 2020 12:14

Instrument :

MSVOA_N

ClientSampled :

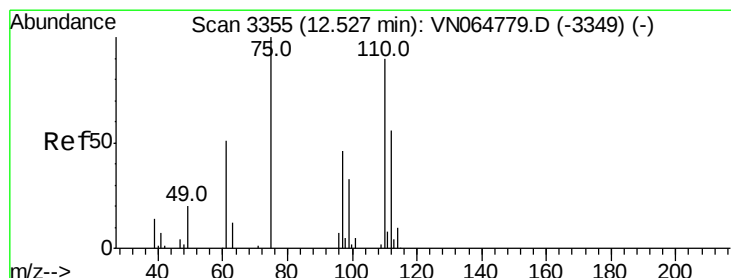
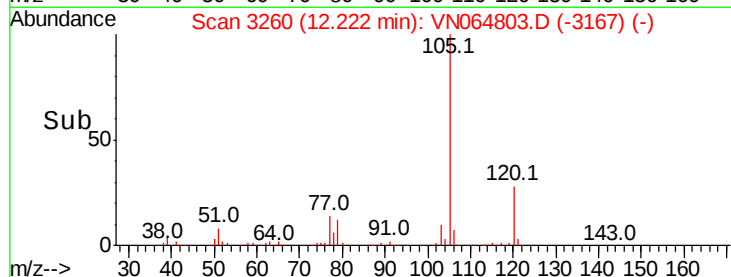
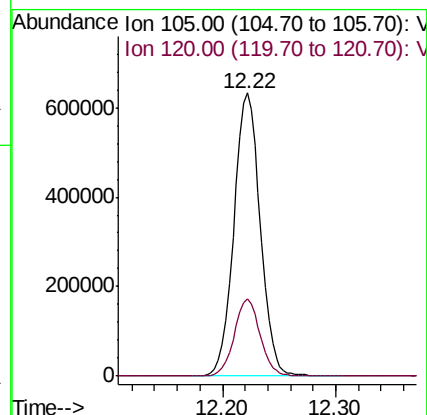
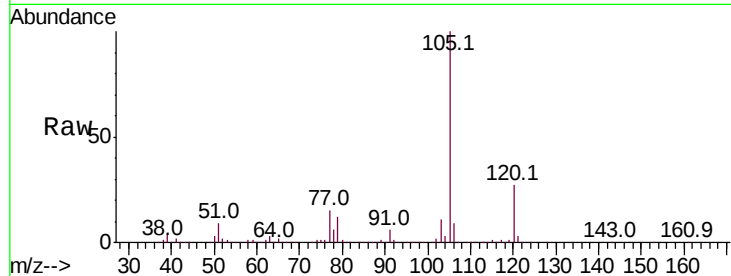
MW-14

Tot Ion:105 Resp: 1024034

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.9



#76

1,2,3-Trichloropropane

Concen: 1.763 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. 0.04 min

Lab File: VN064803.D

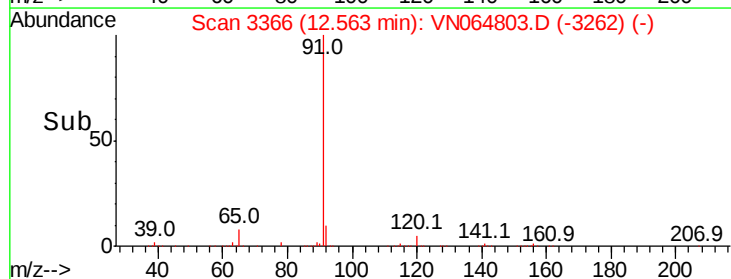
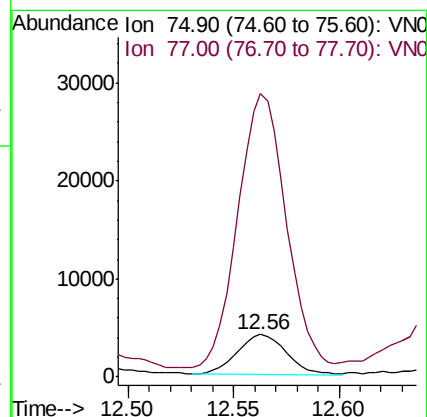
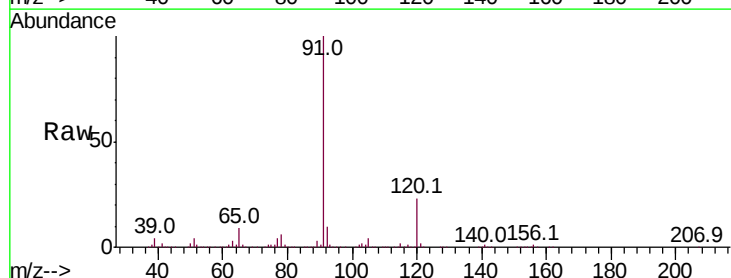
Acq: 24 Nov 2020 12:14

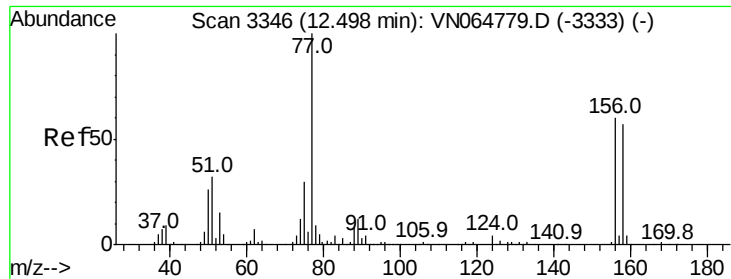
Tgt Ion: 75 Resp: 6695

Ion Ratio Lower Upper

75 100

77 664.1 0.0 0.0#





#77

Bromobenzene

Concen: 28.086 ug/l

RT: 12.43 min Scan# 3324

Delta R.T. -0.07 min

Lab File: VN064803.D

Acq: 24 Nov 2020 12:14

Instrument :

MSVOA_N

ClientSampled :

MW-14

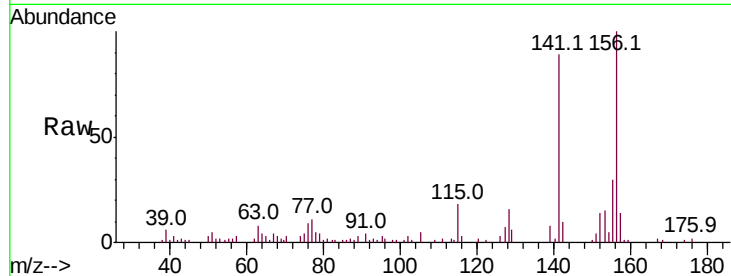
Tot Ion:156 Resp: 92852

Ion Ratio Lower Upper

156 100

77 5.7 101.3 303.7#

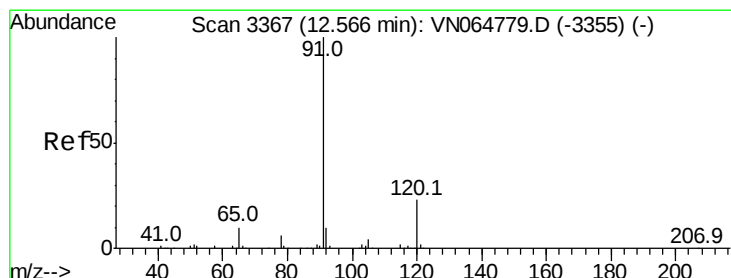
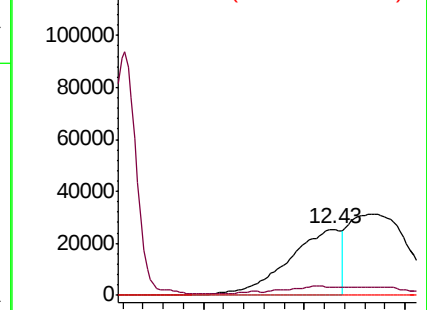
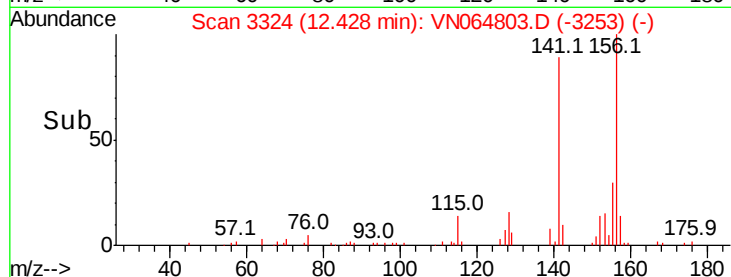
158 0.3 48.2 144.6#



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: 87.167 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064803.D

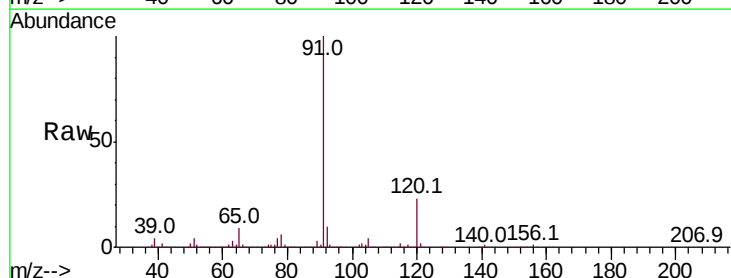
Acq: 24 Nov 2020 12:14

Tgt Ion: 91 Resp: 1217674

Ion Ratio Lower Upper

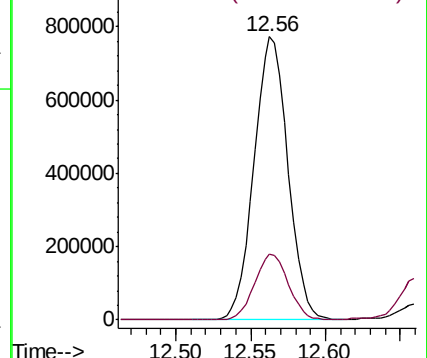
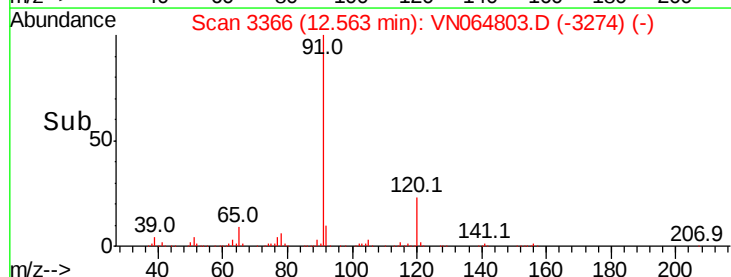
91 100

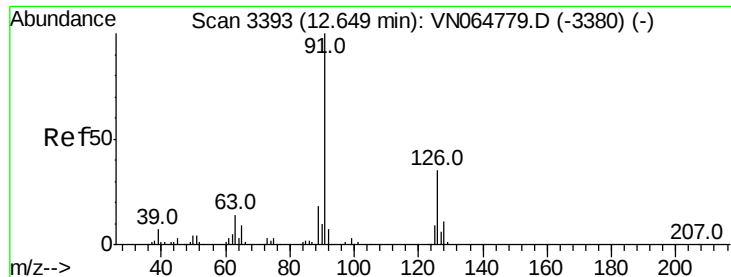
120 23.2 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

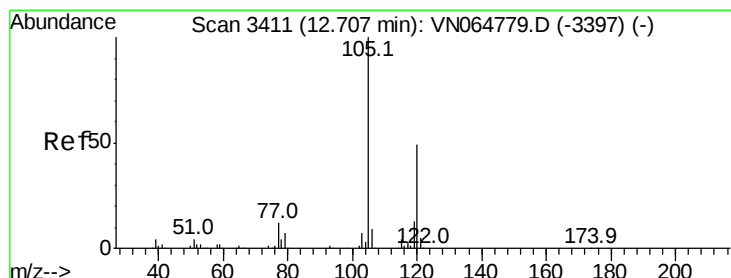
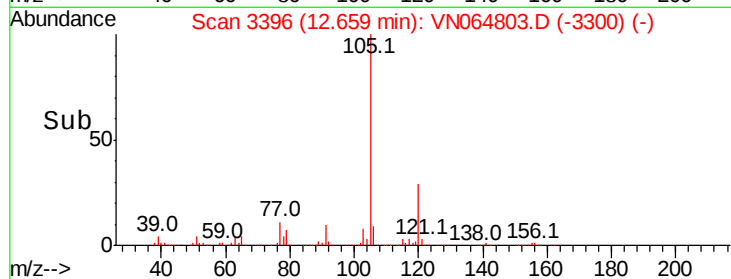
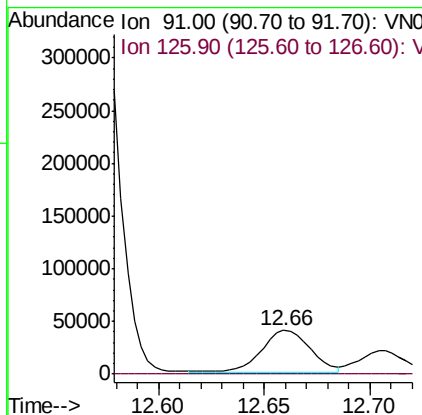
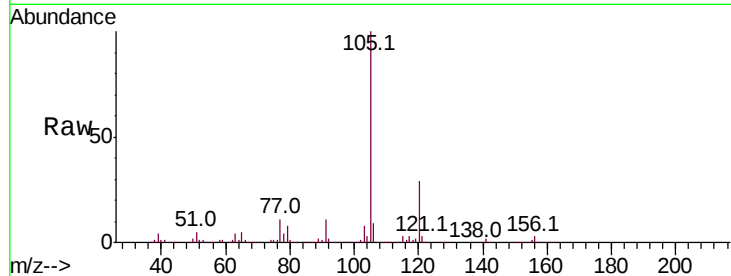




#79
 2-Chlorotoluene
 Concen: 7.603 ug/l
 RT: 12.66 min Scan# 3396
 Delta R.T. 0.01 min
 Lab File: VN064803.D
 Acq: 24 Nov 2020 12:14

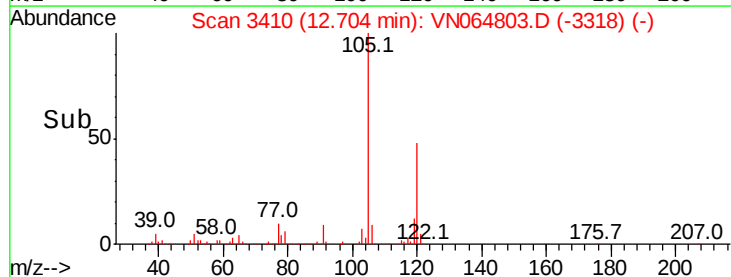
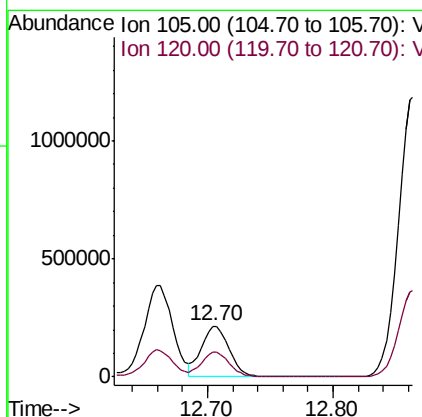
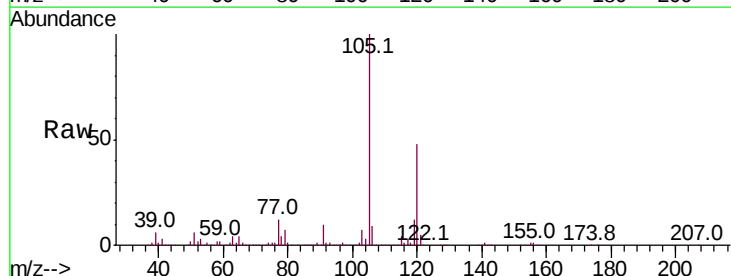
Instrument :
 MSVOA_N
 ClientSampled :
 MW-14

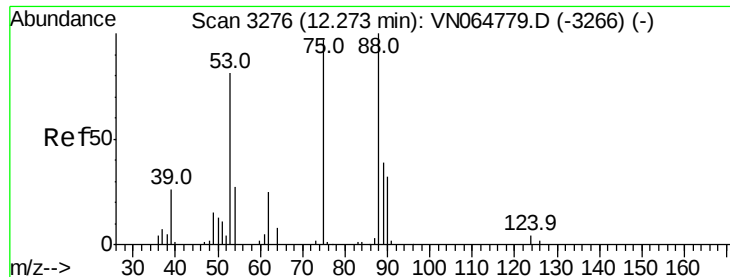
Tot Ion: 91 Resp: 65655
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.2 51.6#



#80
 1,3,5-Trimethylbenzene
 Concen: 32.592 ug/l
 RT: 12.70 min Scan# 3410
 Delta R.T. -0.00 min
 Lab File: VN064803.D
 Acq: 24 Nov 2020 12:14

Tgt Ion: 105 Resp: 332193
 Ion Ratio Lower Upper
 105 100
 120 45.3 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 8.350 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.05 min

Lab File: VN064803.D

Acq: 24 Nov 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

MW-14

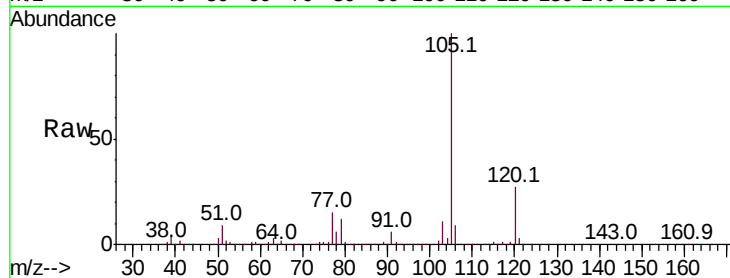
Tot Ion: 75 Resp: 11567

Ion Ratio Lower Upper

75 100

53 107.6 67.0 100.4#

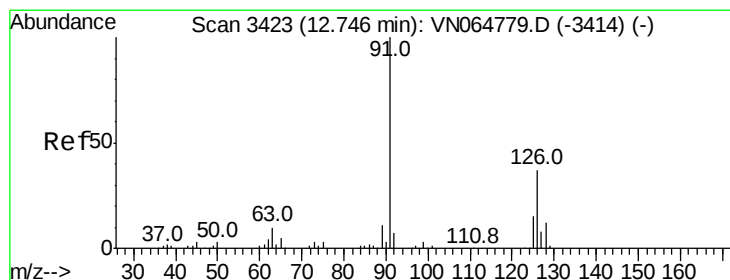
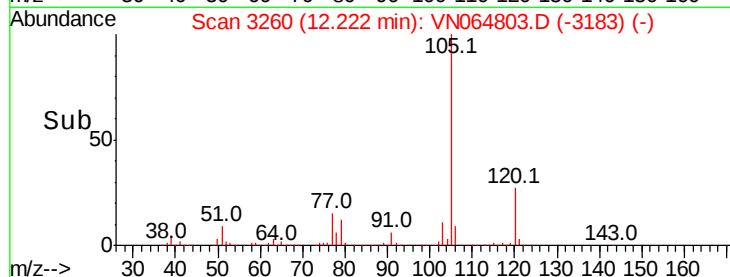
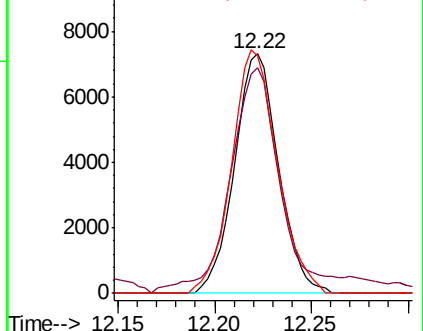
89 105.8 39.6 59.4#



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: 7.254 ug/l

RT: 12.66 min Scan# 3396

Delta R.T. -0.09 min

Lab File: VN064803.D

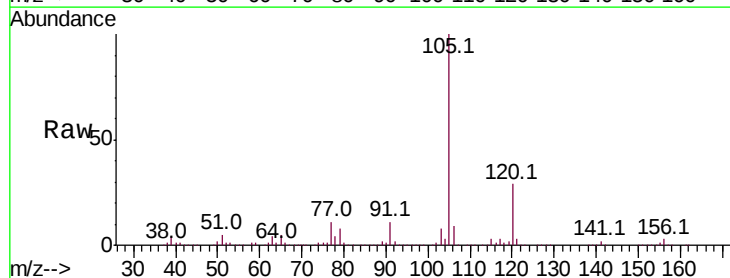
Acq: 24 Nov 2020 12:14

Tgt Ion: 91 Resp: 65655

Ion Ratio Lower Upper

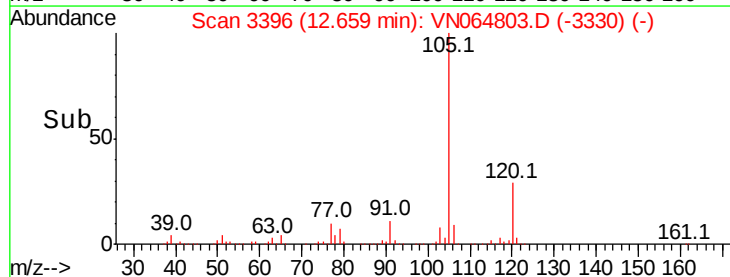
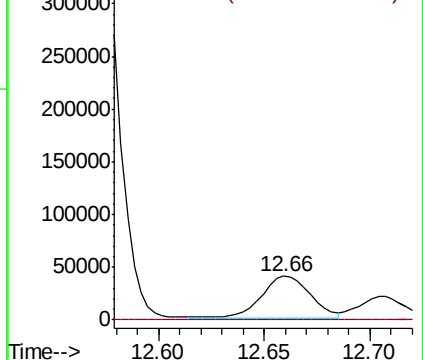
91 100

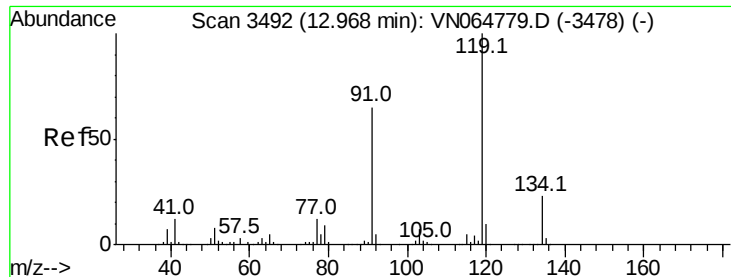
126 0.0 16.9 50.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 92.291 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. 0.05 min

Lab File: VN064803.D

Acq: 24 Nov 2020 12:14

Instrument :

MSVOA_N

ClientSampled :

MW-14

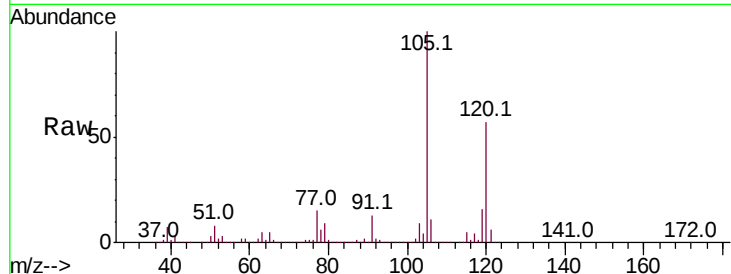
Tot Ion:119 Resp: 788467

Ion Ratio Lower Upper

119 100

91 82.2 32.3 96.8

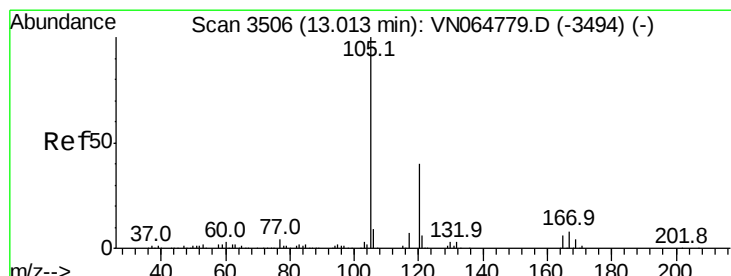
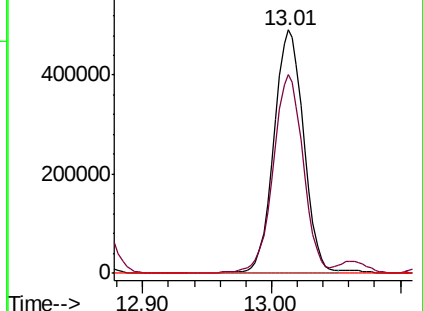
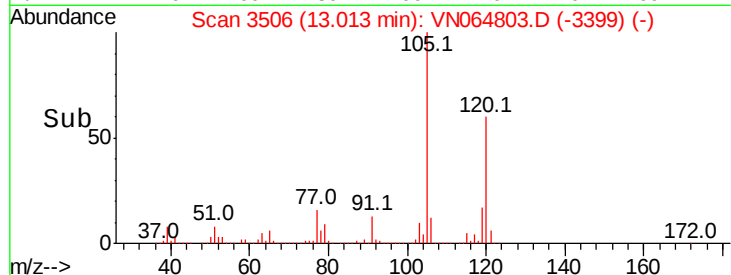
134 0.0 12.6 37.6#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 536.219 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VN064803.D

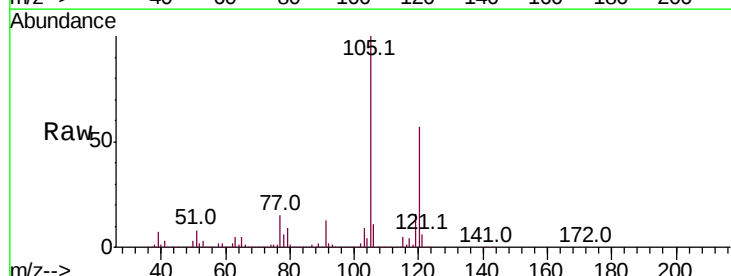
Acq: 24 Nov 2020 12:14

Tgt Ion:105 Resp: 5525919

Ion Ratio Lower Upper

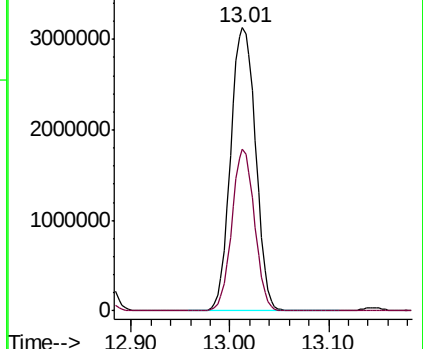
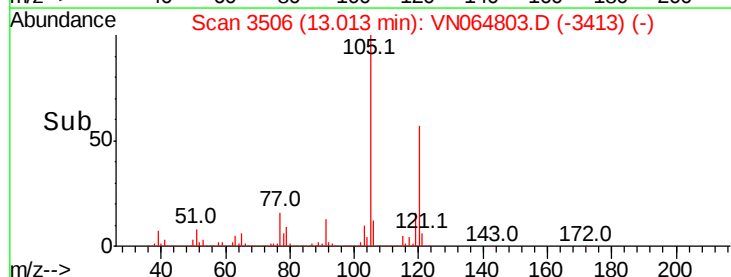
105 100

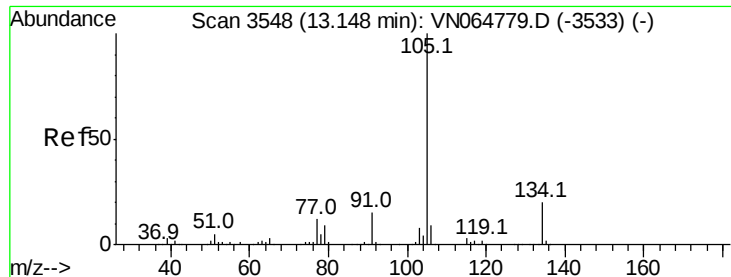
120 51.8 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 487.157 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. -0.13 min

Lab File: VN064803.D

Acq: 24 Nov 2020 12:14

Instrument :

MSVOA_N

ClientSampled :

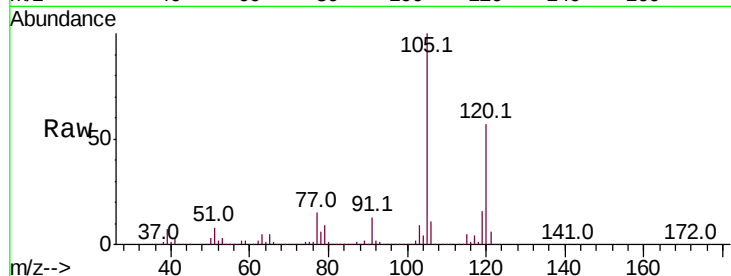
MW-14

Tot Ion:105 Resp: 5525919

Ion Ratio Lower Upper

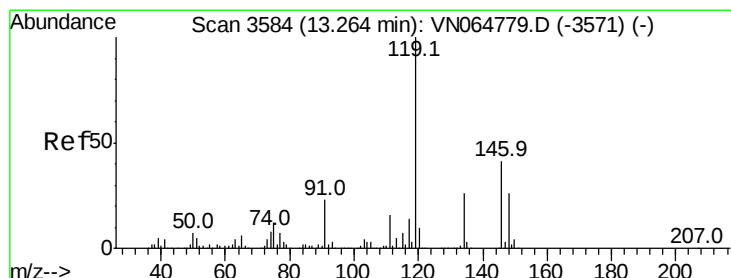
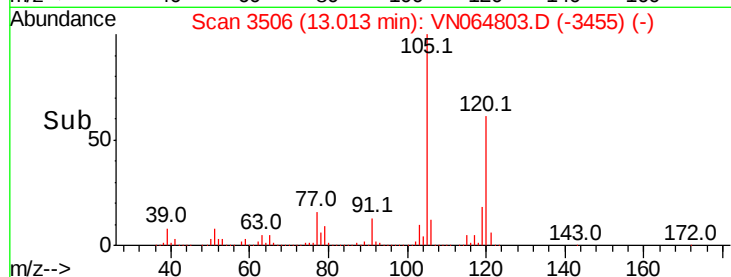
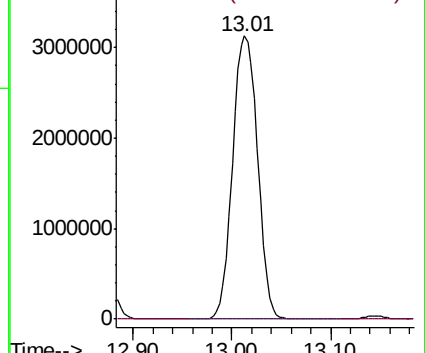
105 100

134 0.0 10.1 30.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 16.151 ug/l

RT: 13.21 min Scan# 3566

Delta R.T. -0.06 min

Lab File: VN064803.D

Acq: 24 Nov 2020 12:14

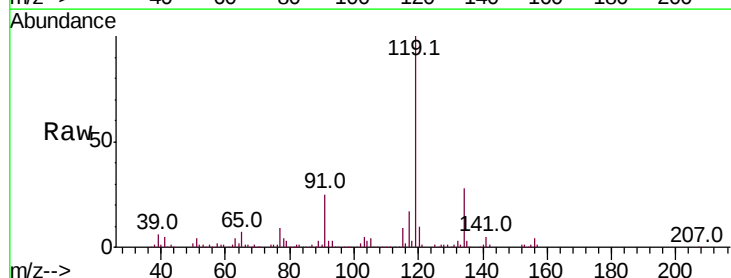
Tgt Ion:119 Resp: 166796

Ion Ratio Lower Upper

119 100

134 27.9 13.1 39.1

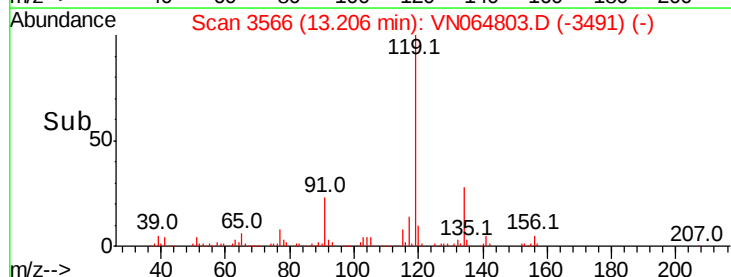
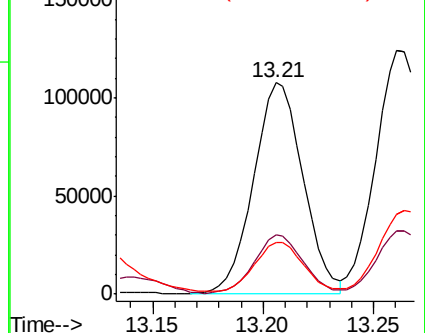
91 22.7 11.5 34.5

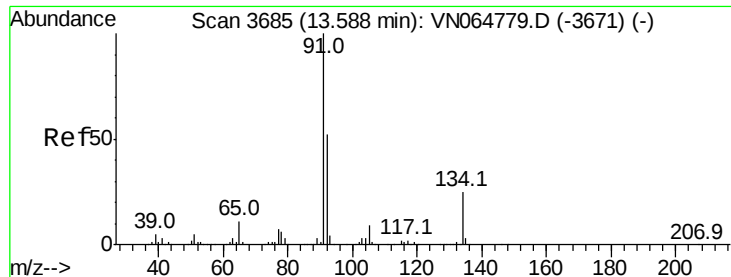


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 3.598 ug/l

RT: 13.56 min Scan# 3676

Delta R.T. -0.03 min

Lab File: VN064803.D

Acq: 24 Nov 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

MW-14

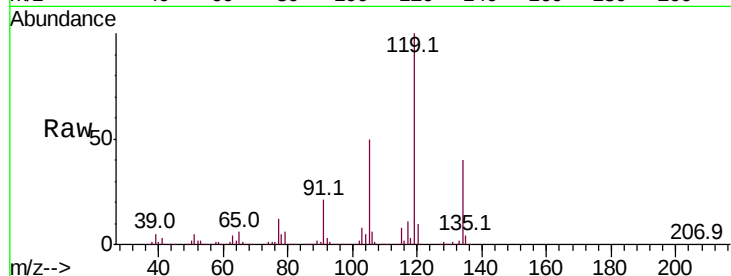
Tot Ion: 91 Resp: 32631

Ion Ratio Lower Upper

91 100

92 0.0 26.0 78.0#

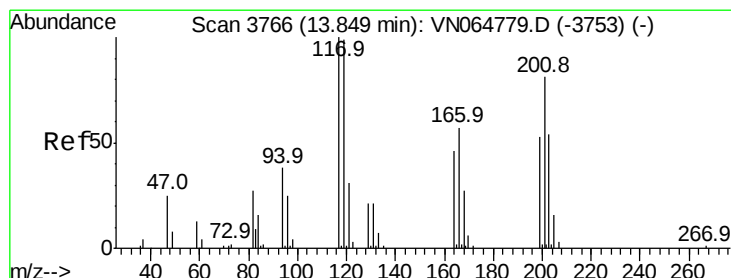
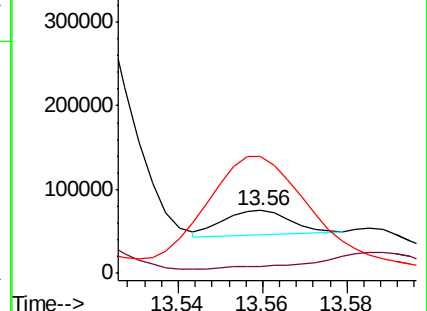
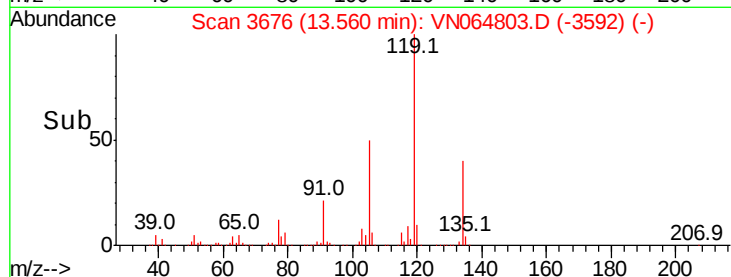
134 791.0 12.9 38.6#



Abundance Ion 91.00 (90.70 to 91.70): VN064779.D (-3671) (-)

Ion 92.00 (91.70 to 92.70): VN064779.D (-3671) (-)

Ion 134.00 (133.70 to 134.70): VN064779.D (-3671) (-)



#90

Hexachloroethane

Concen: 77.026 ug/l

RT: 13.86 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN064803.D

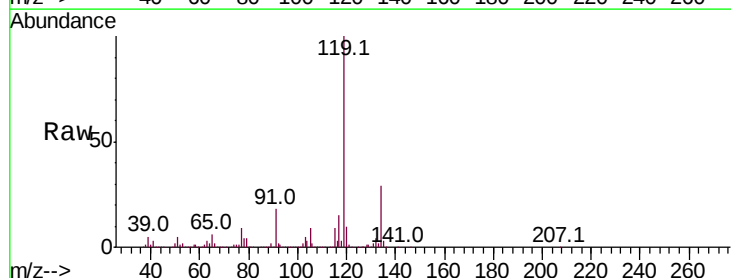
Acq: 24 Nov 2020 12:14

Tgt Ion: 117 Resp: 138188

Ion Ratio Lower Upper

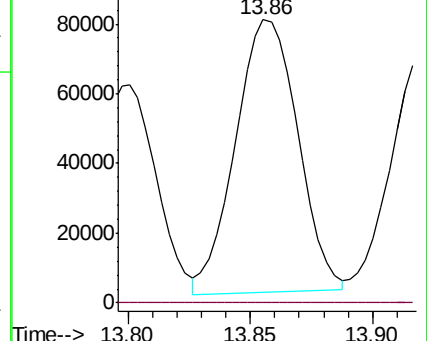
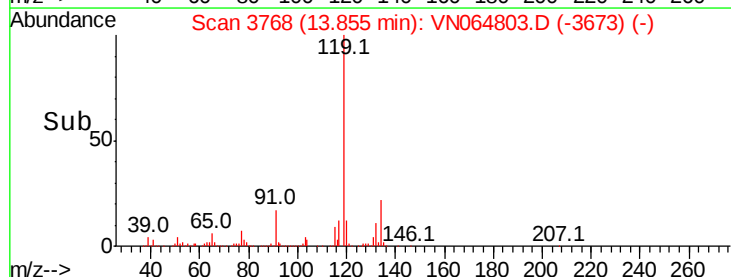
117 100

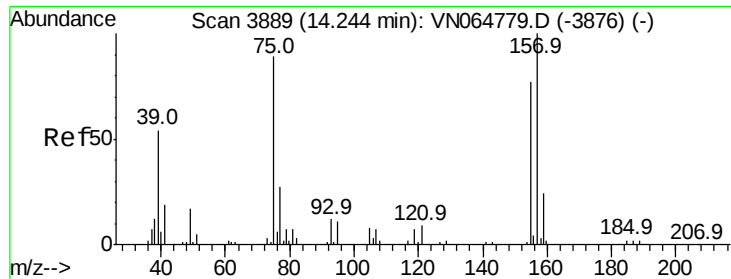
201 0.0 40.1 120.3#



Abundance Ion 116.80 (116.50 to 117.50): VN064779.D (-3753) (-)

Ion 200.70 (200.40 to 201.40): VN064779.D (-3753) (-)

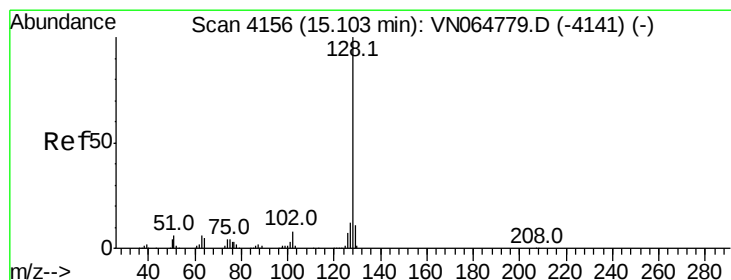
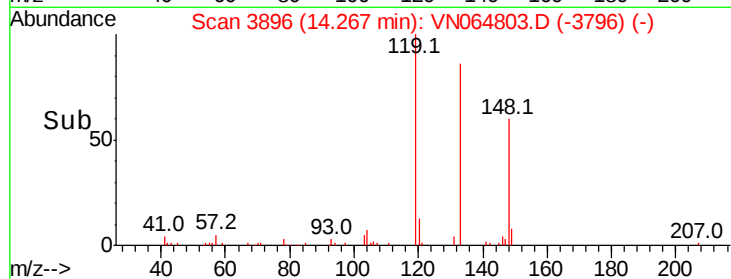
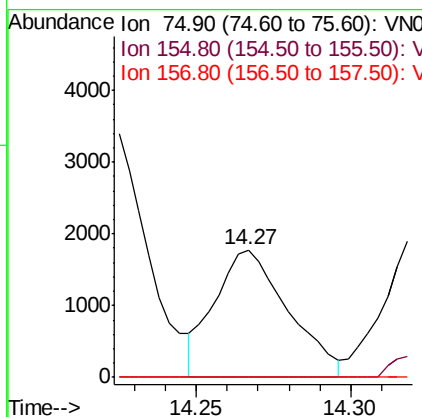
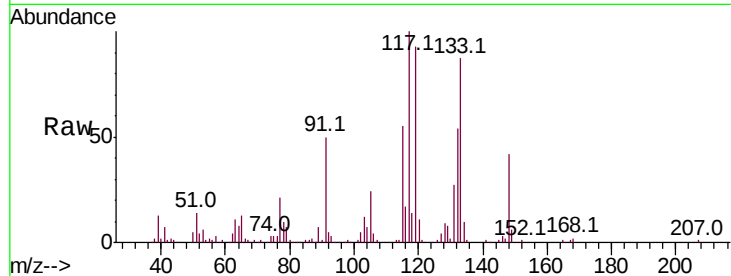




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.637 ug/l
 RT: 14.27 min Scan# 3896
 Delta R.T. 0.02 min
 Lab File: VN064803.D
 Acq: 24 Nov 2020 12:14

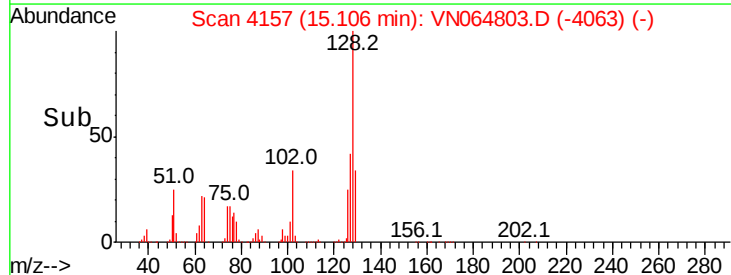
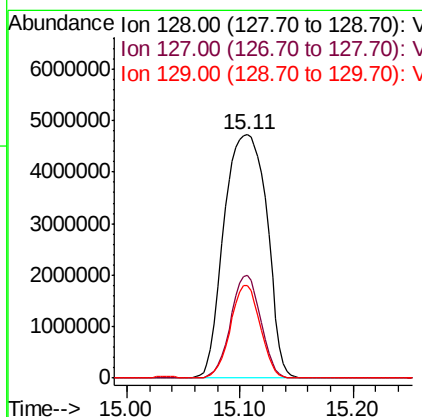
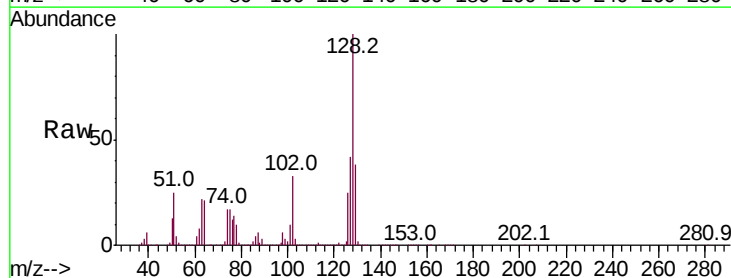
Instrument :
 MSVOA_N
 ClientSampled :
 MW-14

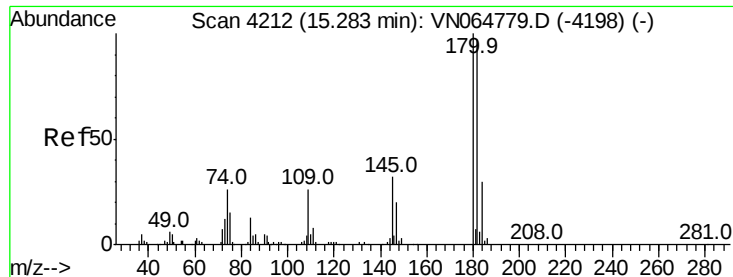
Tot Ion: 75 Resp: 2941
 Ion Ratio Lower Upper
 75 100
 155 0.0 42.8 128.3#
 157 0.0 56.4 169.1#



#95
 Naphthalene
 Concen: 1161.017 ug/l
 RT: 15.11 min Scan# 4157
 Delta R.T. 0.00 min
 Lab File: VN064803.D
 Acq: 24 Nov 2020 12:14

Tgt Ion: 128 Resp: 12409220
 Ion Ratio Lower Upper
 128 100
 127 29.7 10.3 15.5#
 129 26.6 8.7 13.1#

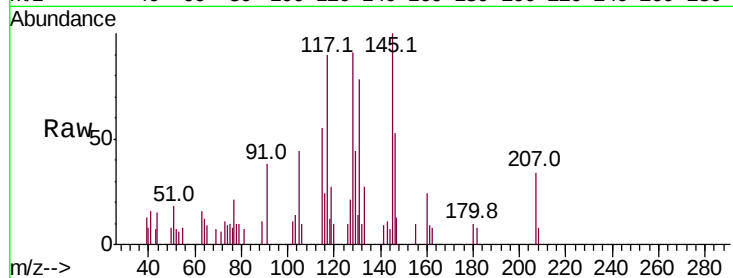




#96
 1,2,3-Trichlorobenzene
 Concen: 1.474 ug/l
 RT: 15.28 min Scan# 4211
 Delta R.T. -0.00 min
 Lab File: VN064803.D
 Acq: 24 Nov 2020 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14

Tot Ion	Ratio	Lower	Upper
180	100		
182	124.5	48.1	144.4
145	0.0	16.4	49.1#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

