

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112320\
 Data File : VN064792.D
 Acq On : 23 Nov 2020 18:47
 Operator : JC/MD
 Sample : L4829-19 20X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6

Quant Time: Nov 24 03:24:00 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	163198	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	294204	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	296143	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	145301	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	98740	52.04	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	104.08%
35) Dibromofluoromethane	7.55	113	86513	49.14	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.28%
50) Toluene-d8	10.06	98	362238	50.36	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.72%
62) 4-Bromofluorobenzene	12.38	95	149463	58.06	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	116.12%

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.77	59	234	0.791	ug/l #	73
13) Acrolein	3.51	56	1507	8.338	ug/l #	1
14) Allyl chloride	4.37	41	2427	0.930	ug/l #	1
15) Acrylonitrile	5.00	53	598	0.732	ug/l #	31
16) Acetone	3.76	43	1896	3.040	ug/l #	43
18) Methyl Acetate	4.48	43	7457	3.977	ug/l #	50
19) Methyl tert-butyl Ether	5.00	73	13120	2.585	ug/l #	1
20) Methylene Chloride	4.51	84	949	0.486	ug/l #	79
25) 2-Butanone	6.79	43	1051	1.040	ug/l #	49
31) Cyclohexane	7.62	56	15078	5.702	ug/l #	81
36) 1,1-Dichloropropene	7.62	75	11792	4.324	ug/l #	49
37) Ethyl Acetate	6.79	43	1051	0.400	ug/l #	87
38) Carbon Tetrachloride	7.63	117	14992	5.284	ug/l #	16
39) Methylcyclohexane	9.05	83	17224	5.867	ug/l	99
40) Benzene	8.00	78	632641	75.707	ug/l	99
41) Methacrylonitrile	7.27	41	386	0.318	ug/l #	29
42) 1,2-Dichloroethane	8.00	62	4687	1.663	ug/l #	73
43) Isopropyl Acetate	8.11	43	4113	0.973	ug/l #	59
48) Methyl methacrylate	9.11	41	943	0.467	ug/l #	22
52) Toluene	10.13	92	189476	36.819	ug/l	99
53) t-1,3-Dichloropropene	10.13	75	2190	0.676	ug/l #	1
55) 1,1,2-Trichloroethane	10.50	97	2730	1.290	ug/l #	18
56) Ethyl methacrylate	10.40	69	786	0.269	ug/l #	50
67) Ethyl Benzene	11.49	91	444686	41.856	ug/l	100
68) m/p-Xylenes	11.59	106	553804	137.681	ug/l	98
69) o-Xylene	11.92	106	157657	41.304	ug/l	100
70) Styrene	11.92	104	9669	1.501	ug/l #	1
71) Bromoform	12.37	173	378	0.202	ug/l #	1
73) Isopropylbenzene	12.23	105	24169	2.391	ug/l	99
76) 1,2,3-Trichloropropane	12.38	75	71254	22.771	ug/l #	100
78) n-propylbenzene	12.57	91	41403	3.596	ug/l	99
79) 2-Chlorotoluene	12.63	91	24371	3.424	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.71	105	112578	13.401	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	71254	62.409	ug/l #	15

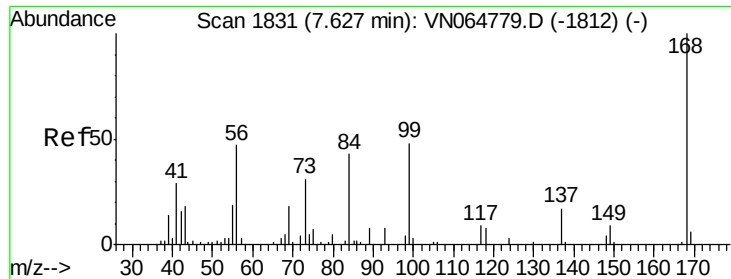
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112320\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	12.71	91	10841	1.453	ug/l #	41
83) tert-Butylbenzene	13.02	119	63733	9.051	ug/l #	74
84) 1,2,4-Trimethylbenzene	13.01	105	502128	59.118	ug/l	99
85) sec-Butylbenzene	13.01	105	502128	53.709	ug/l #	56
86) p-Isopropyltoluene	13.21	119	6351	0.746	ug/l	95
89) n-Butylbenzene	13.56	91	4293	0.574	ug/l #	1
90) Hexachloroethane	13.86	117	5755	3.892	ug/l #	9
95) Naphthalene	15.10	128	69798	7.923	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064792.D

Acq: 23 Nov 2020 18:47

Instrument :

MSVOA_N

ClientSampled :

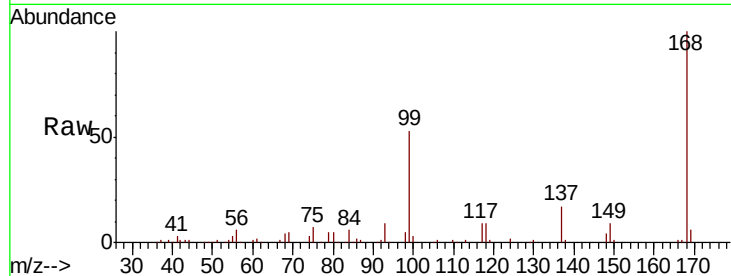
MW-6

Tot Ion:168 Resp: 163198

Ion Ratio Lower Upper

168 100

99 52.7 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

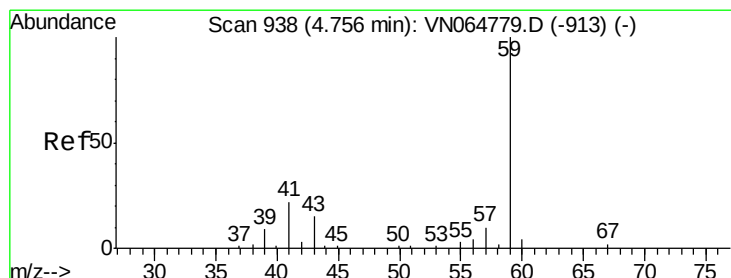
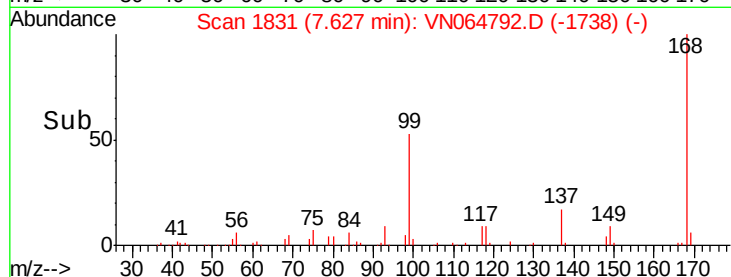
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#11

Tert butyl alcohol

Concen: 0.791 ug/l

RT: 4.77 min Scan# 941

Delta R.T. 0.01 min

Lab File: VN064792.D

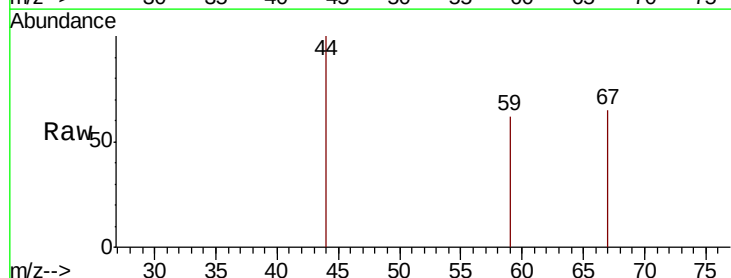
Acq: 23 Nov 2020 18:47

Tgt Ion: 59 Resp: 234

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.77

250

200

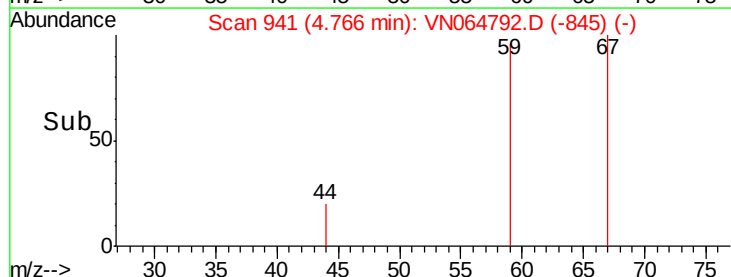
150

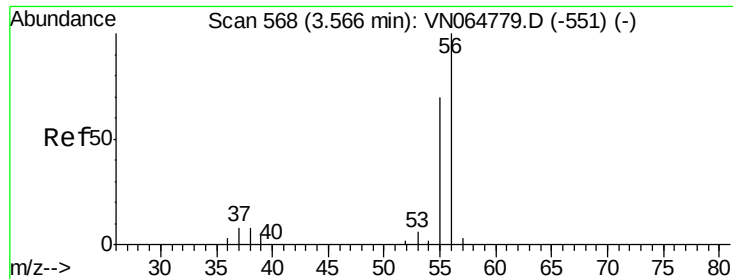
100

50

0

Time--> 4.74 4.76 4.78





#13

Acrolein

Concen: 8.338 ug/l

RT: 3.51 min Scan# 552

Delta R.T. -0.05 min

Lab File: VN064792.D

Acq: 23 Nov 2020 18:47

Instrument :

MSVOA_N

ClientSampled :

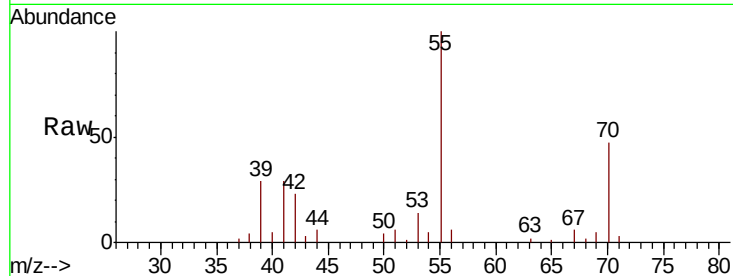
MW-6

Tot Ion: 56 Resp: 1507

Ion Ratio Lower Upper

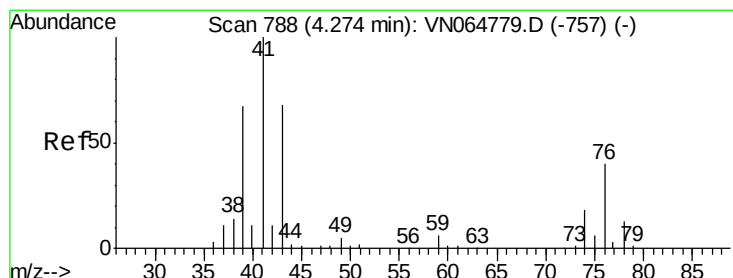
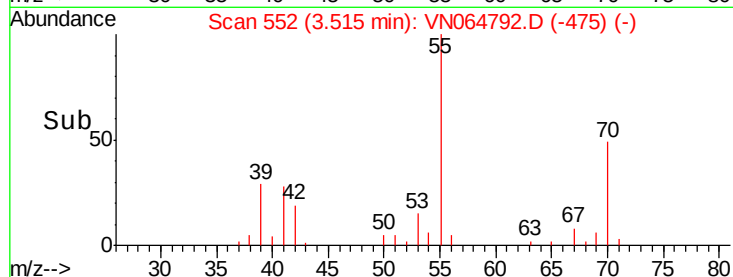
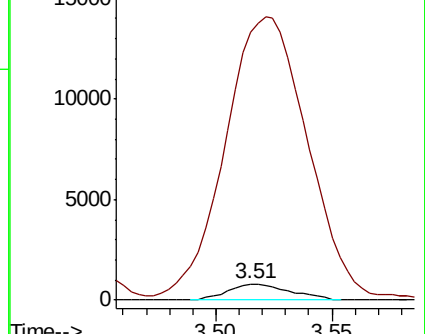
56 100

55 2327.9 56.5 84.7#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 0.930 ug/l

RT: 4.37 min Scan# 817

Delta R.T. 0.09 min

Lab File: VN064792.D

Acq: 23 Nov 2020 18:47

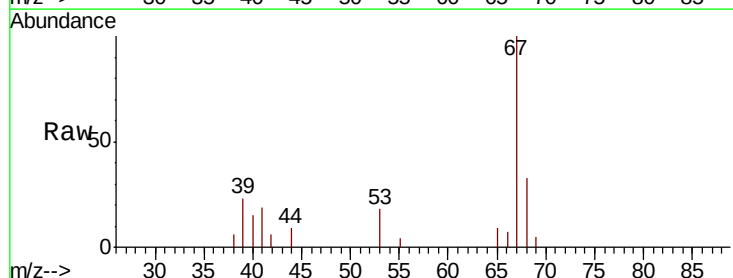
Tgt Ion: 41 Resp: 2427

Ion Ratio Lower Upper

41 100

39 180.4 50.9 76.3#

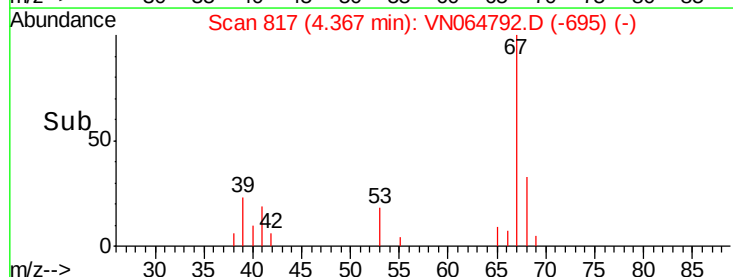
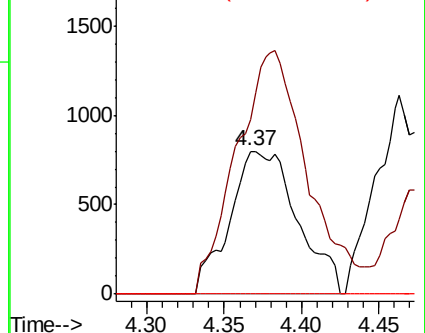
76 0.0 29.0 43.4#

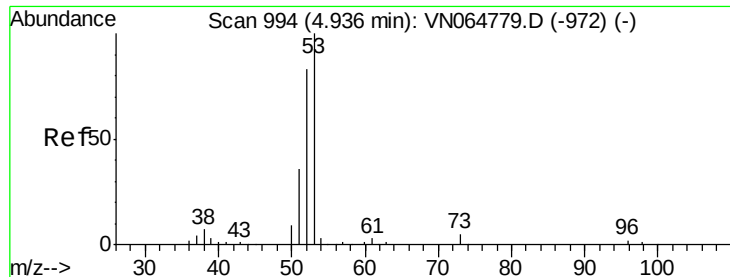


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 0.732 ug/l

RT: 5.00 min Scan# 1013

Delta R.T. 0.06 min

Lab File: VN064792.D

Acq: 23 Nov 2020 18:47

Instrument :

MSVOA_N

ClientSampled :

MW-6

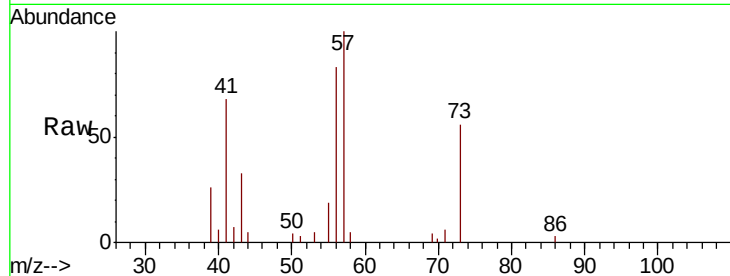
Tot Ion: 53 Resp: 598

Ion Ratio Lower Upper

53 100

52 0.0 65.5 98.3#

51 25.9 28.6 43.0#

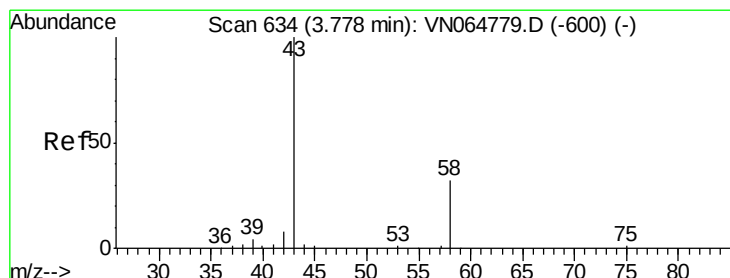
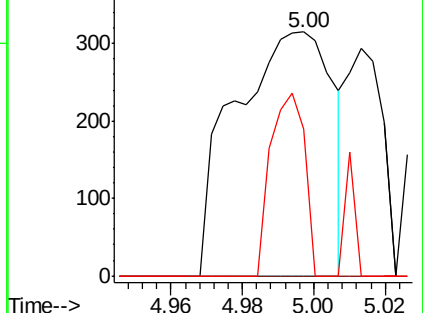
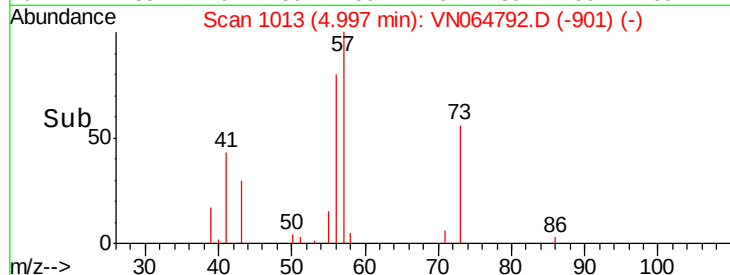


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0

Time-->



#16

Acetone

Concen: 3.040 ug/l

RT: 3.76 min Scan# 628

Delta R.T. -0.02 min

Lab File: VN064792.D

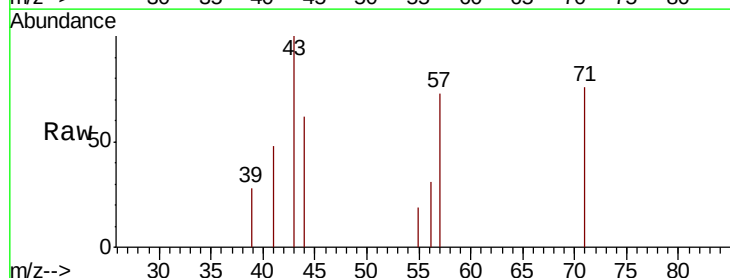
Acq: 23 Nov 2020 18:47

Tgt Ion: 43 Resp: 1896

Ion Ratio Lower Upper

43 100

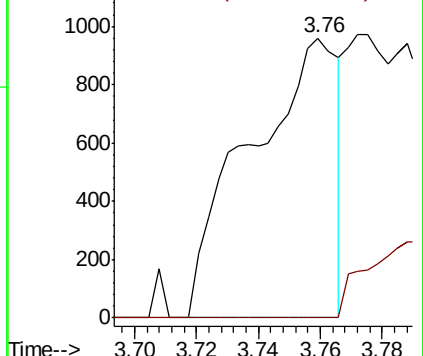
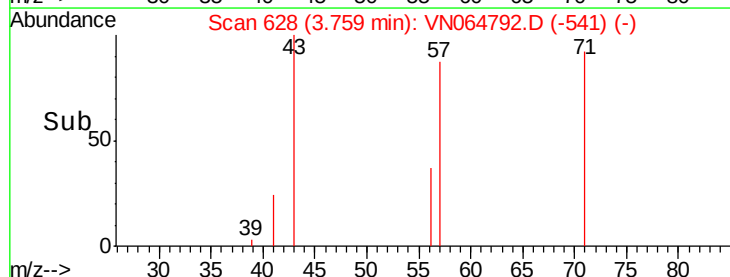
58 0.0 25.7 38.5#

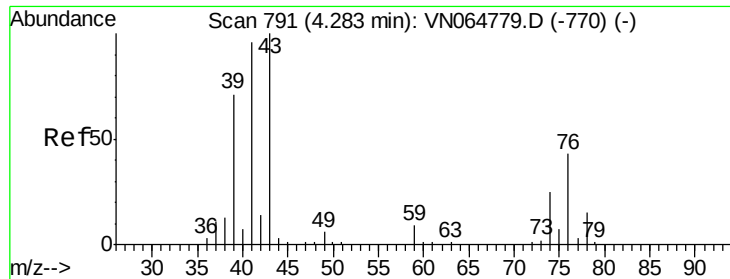


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

Time-->

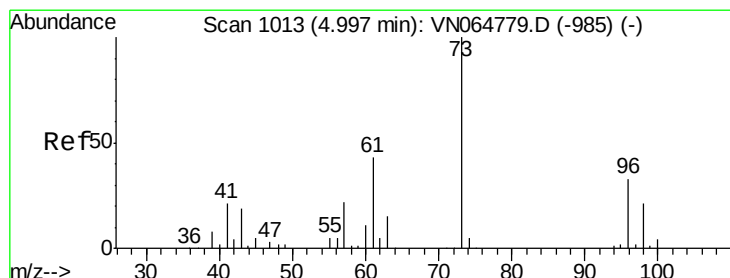
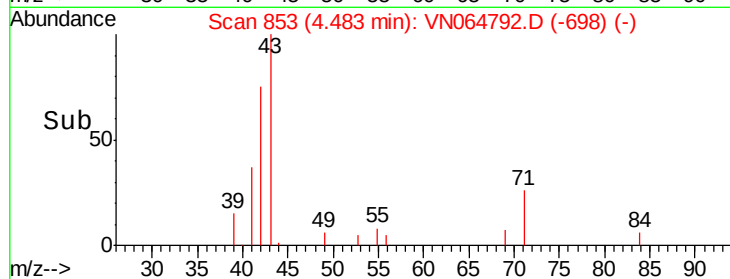
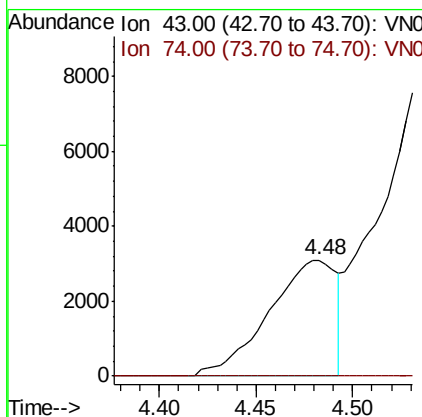
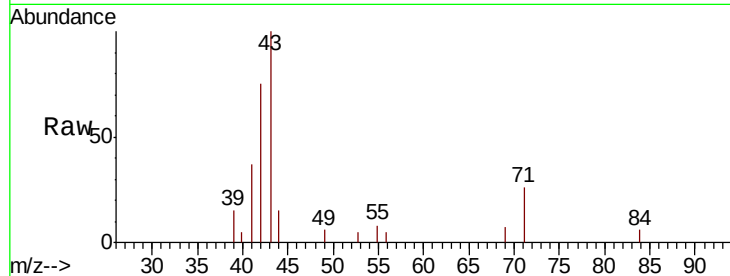




#18
Methyl Acetate
Concen: 3.977 ug/l
RT: 4.48 min Scan# 853
Delta R.T. 0.20 min
Lab File: VN064792.D
Acq: 23 Nov 2020 18:47

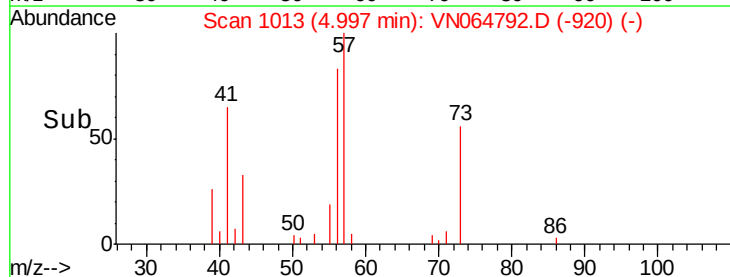
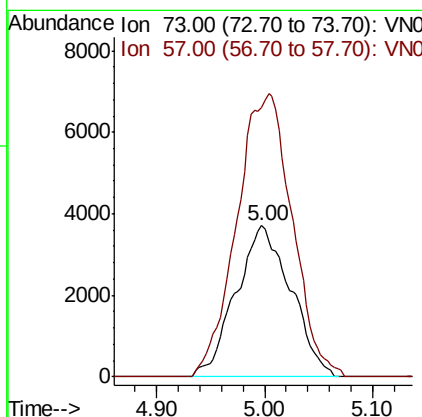
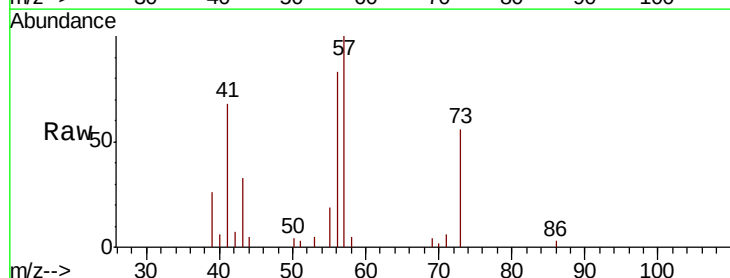
Instrument :
MSVOA_N
ClientSampled :
MW-6

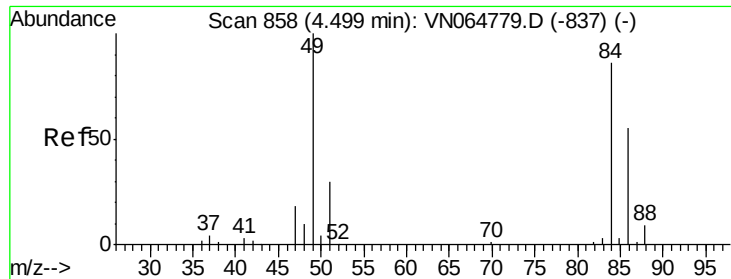
Tot Ion: 43 Resp: 7457
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#19
Methyl tert-butyl Ether
Concen: 2.585 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN064792.D
Acq: 23 Nov 2020 18:47

Tgt Ion: 73 Resp: 13120
Ion Ratio Lower Upper
73 100
57 178.0 17.4 26.0#

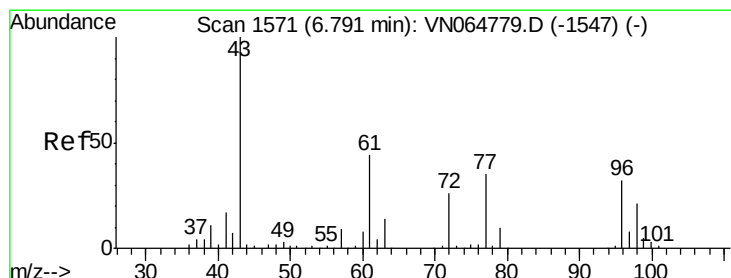
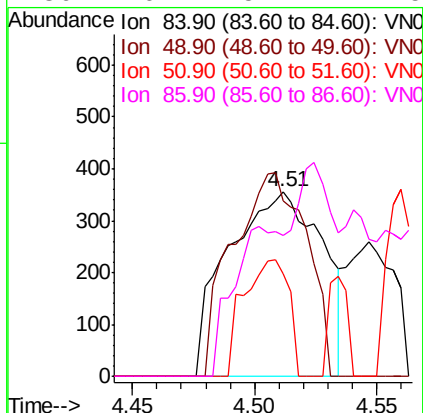
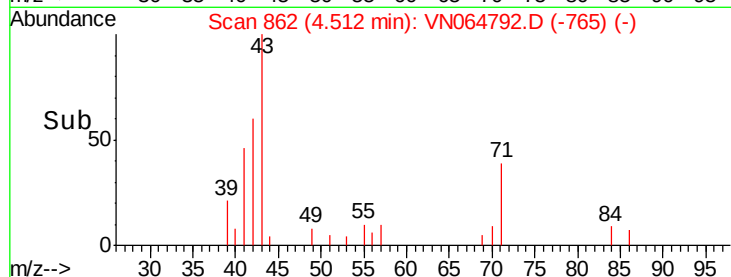
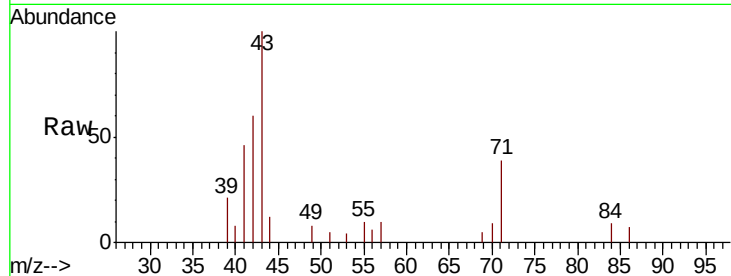




#20
Methvlene Chloride
Concen: 0.486 ug/l
RT: 4.51 min Scan# 862
Delta R.T. 0.01 min
Lab File: VN064792.D
Acq: 23 Nov 2020 18:47

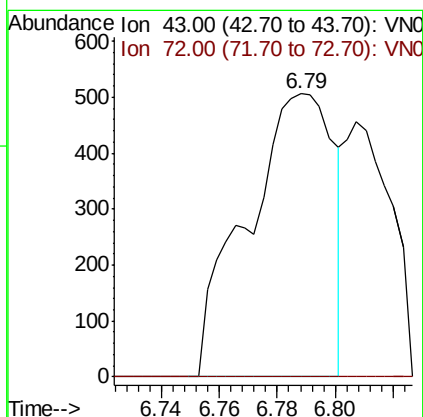
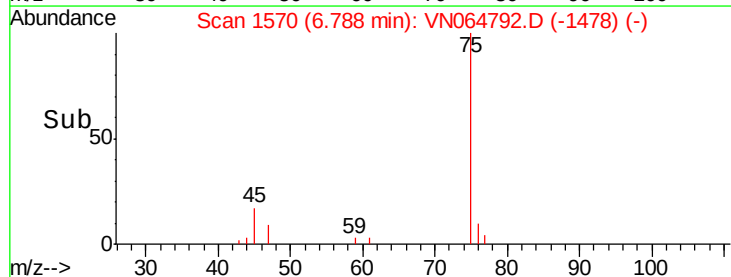
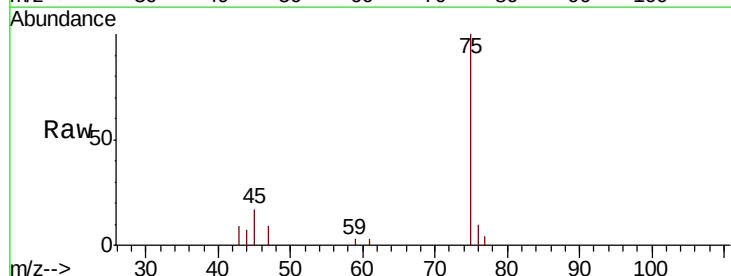
Instrument :
MSVOA_N
ClientSampled :
MW-6

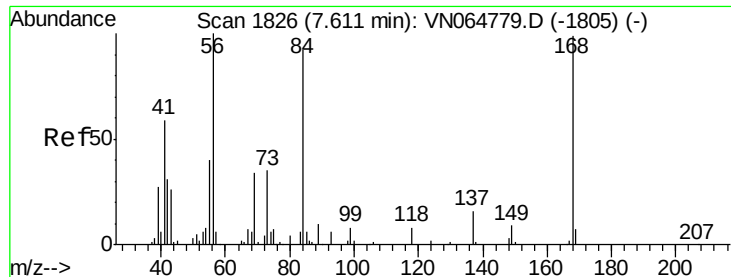
Tot Ion:	84	Resp:	949
Ion	Ratio	Lower	Upper
84	100		
49	94.9	93.4	140.0
51	55.6	28.2	42.4#
86	76.7	51.7	77.5



#25
2-Butanone
Concen: 1.040 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN064792.D
Acq: 23 Nov 2020 18:47

Tgt Ion:	43	Resp:	1051
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.0	31.6#





#31

Cyclohexane

Concen: 5.702 ug/l

RT: 7.62 min Scan# 1828

Delta R.T. 0.01 min

Lab File: VN064792.D

Acq: 23 Nov 2020 18:47

Instrument :

MSVOA_N

ClientSampled :

MW-6

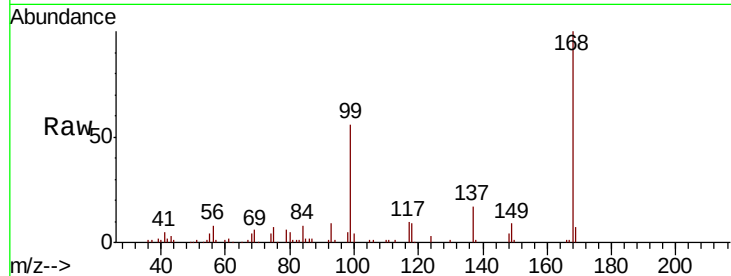
Tot Ion: 56 Resp: 15078

Ion Ratio Lower Upper

56 100

69 71.0 27.5 41.3#

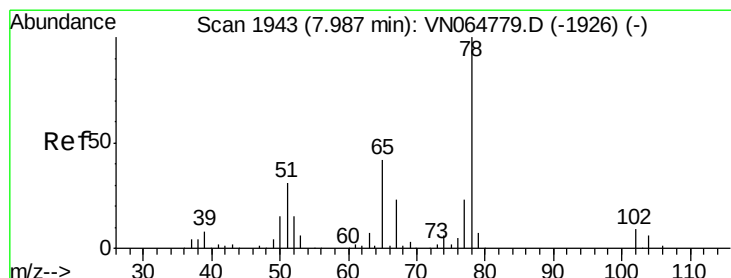
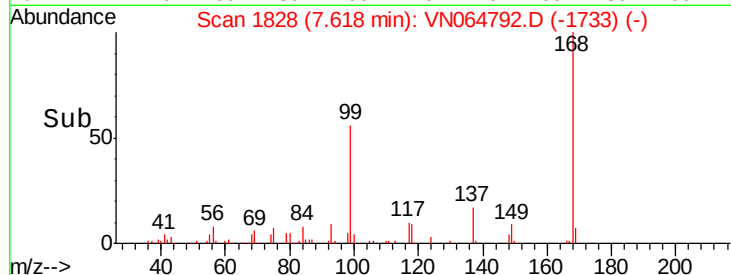
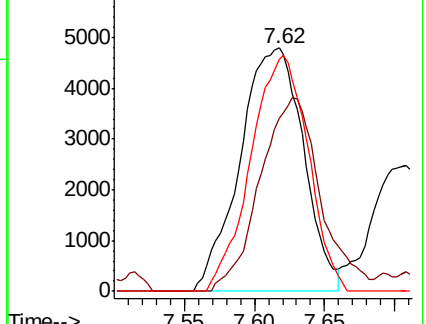
84 95.2 73.9 110.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 52.043 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064792.D

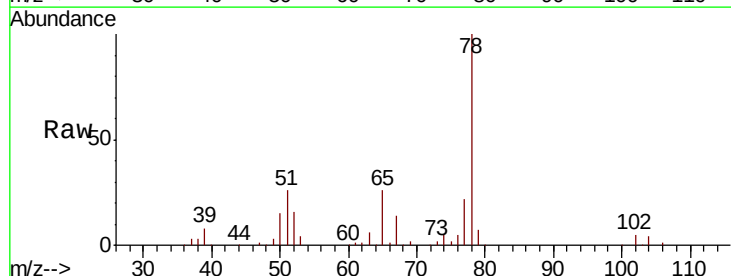
Acq: 23 Nov 2020 18:47

Tgt Ion: 65 Resp: 98740

Ion Ratio Lower Upper

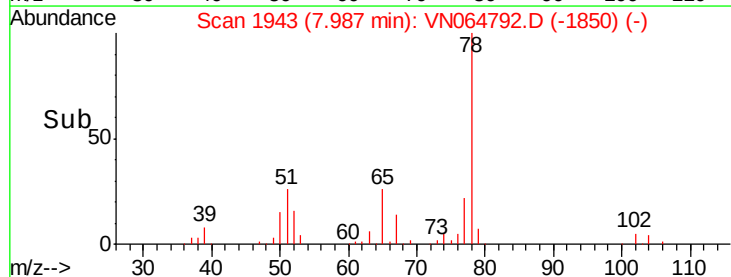
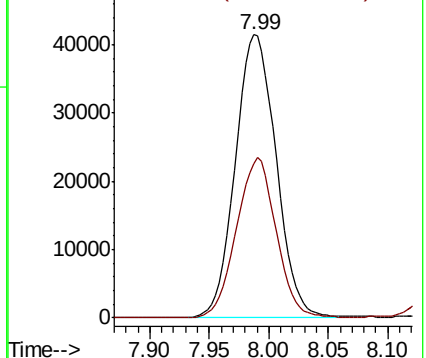
65 100

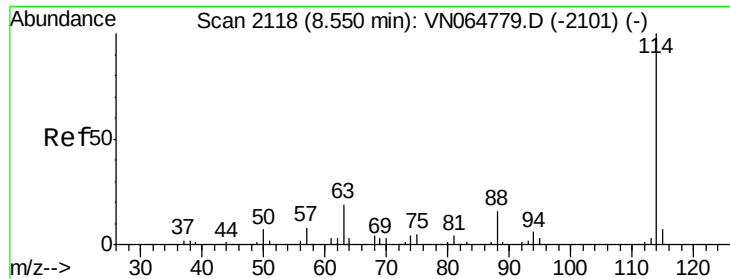
67 55.0 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

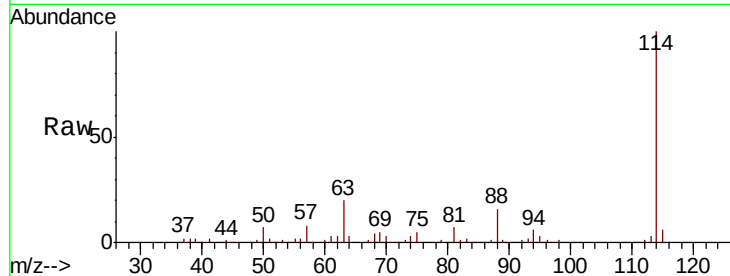




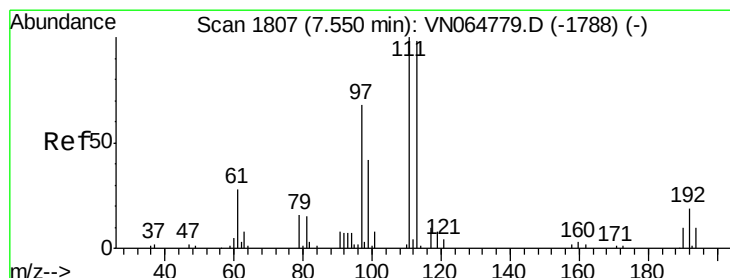
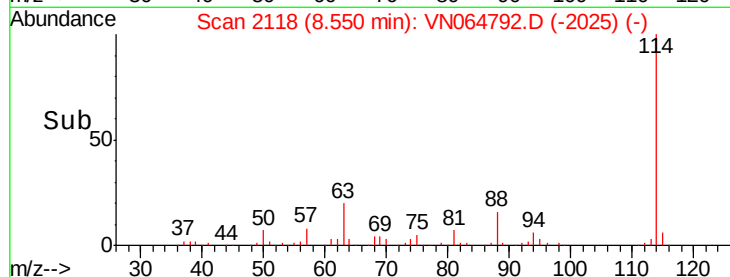
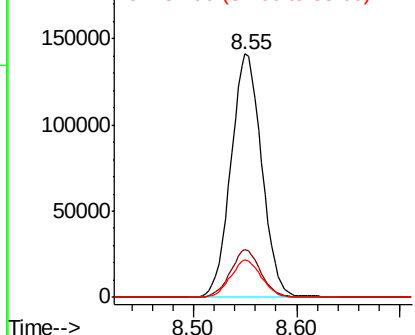
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064792.D
Acq: 23 Nov 2020 18:47

Instrument :
MSVOA_N
ClientSampleId :
MW-6

Tot Ion:114 Resp: 294204
Ion Ratio Lower Upper
114 100
63 19.7 0.0 38.6
88 15.5 0.0 32.6

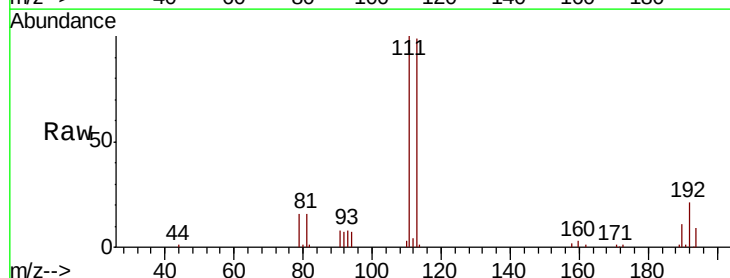


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

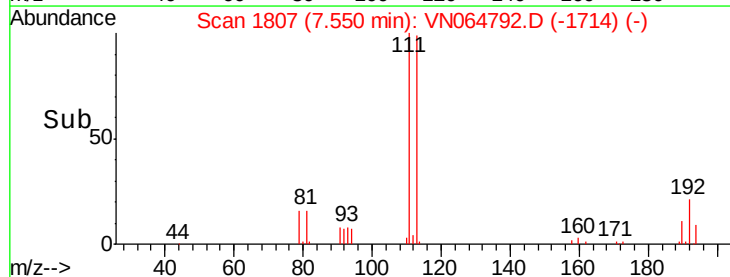
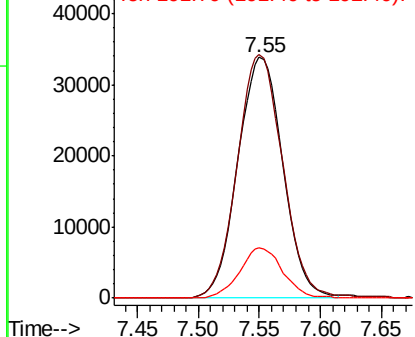


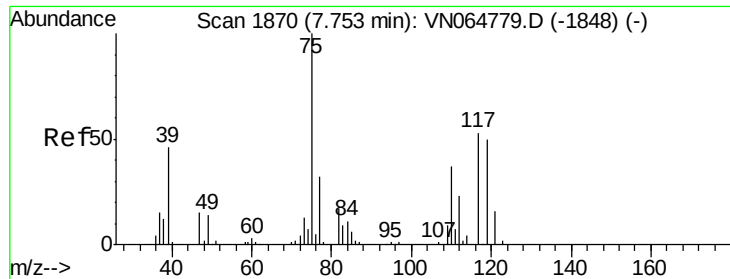
#35
Dibromofluoromethane
Concen: 49.143 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064792.D
Acq: 23 Nov 2020 18:47

Tgt Ion:113 Resp: 86513
Ion Ratio Lower Upper
113 100
111 101.7 81.6 122.4
192 19.8 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: 4.324 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.13 min

Lab File: VN064792.D

Acq: 23 Nov 2020 18:47

Instrument :

MSVOA_N

ClientSampled :

MW-6

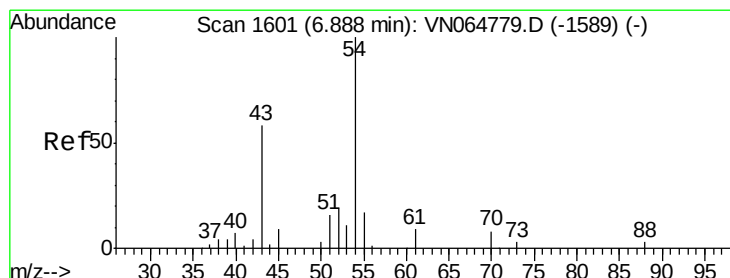
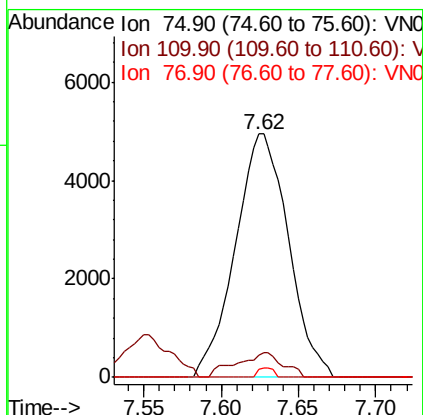
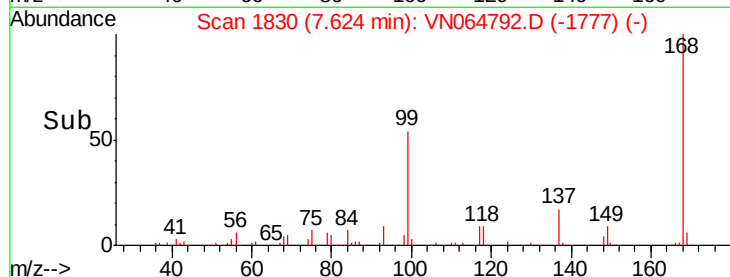
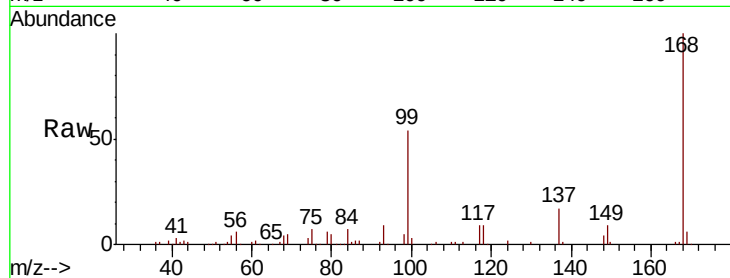
Tot Ion: 75 Resp: 11792

Ion Ratio Lower Upper

75 100

110 8.9 17.8 53.3#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 0.400 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. -0.10 min

Lab File: VN064792.D

Acq: 23 Nov 2020 18:47

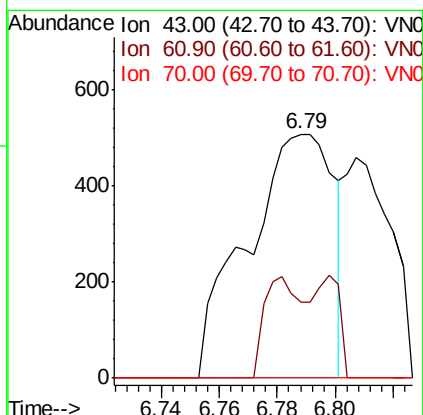
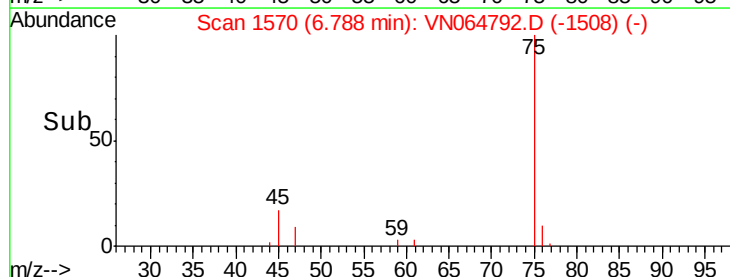
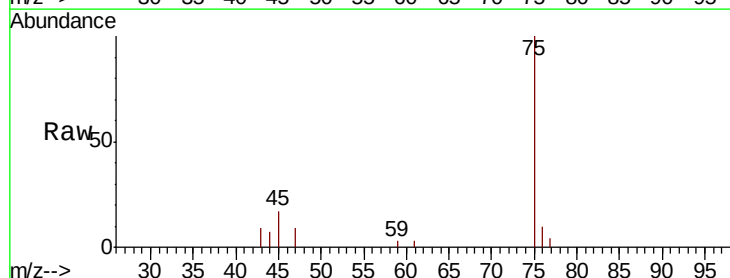
Tgt Ion: 43 Resp: 1051

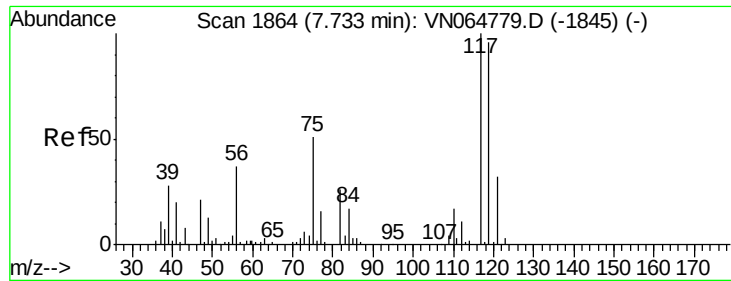
Ion Ratio Lower Upper

43 100

61 16.6 12.8 19.2

70 0.0 8.8 13.2#





#38

Carbon Tetrachloride

Concen: 5.284 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN064792.D

Acq: 23 Nov 2020 18:47

Instrument :

MSVOA_N

ClientSampled :

MW-6

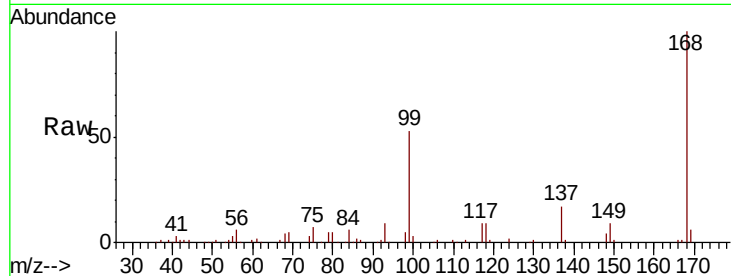
Tot Ion:117 Resp: 14992

Ion Ratio Lower Upper

117 100

119 5.5 76.7 115.1#

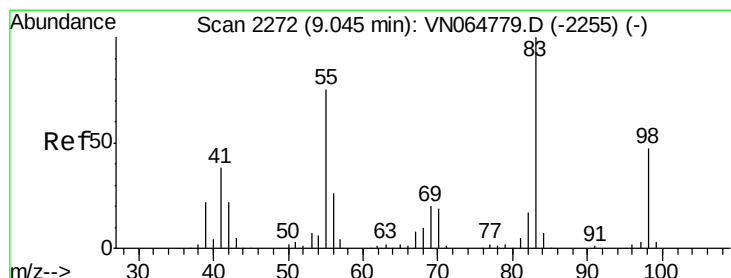
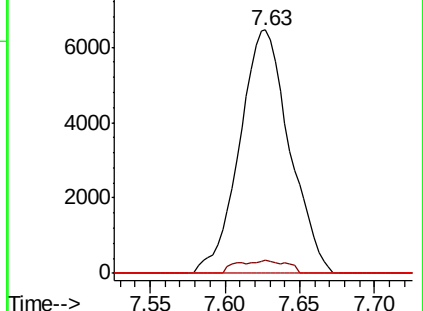
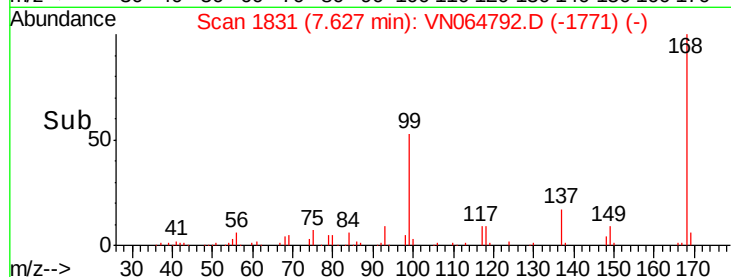
121 0.0 25.4 38.2#



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: 5.867 ug/l

RT: 9.05 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VN064792.D

Acq: 23 Nov 2020 18:47

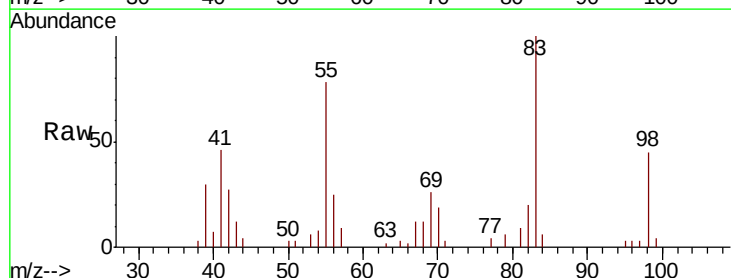
Tgt Ion: 83 Resp: 17224

Ion Ratio Lower Upper

83 100

55 75.0 60.2 90.2

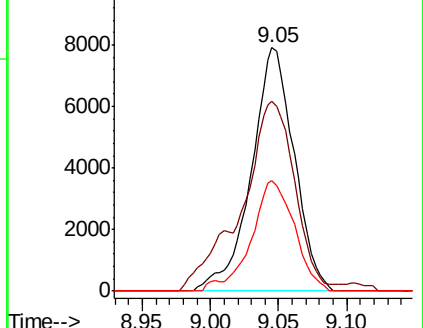
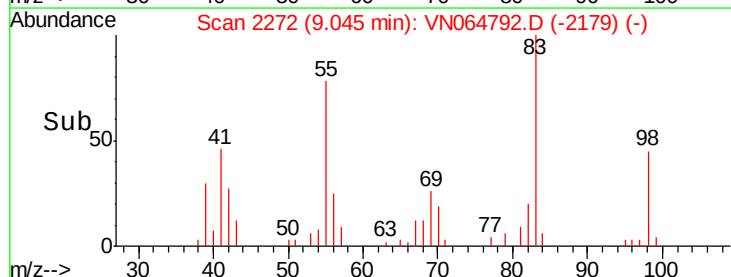
98 45.5 37.4 56.2

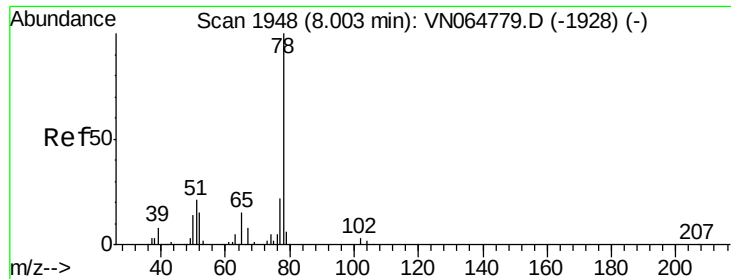


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#40

Benzene

Concen: 75.707 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN064792.D

Acq: 23 Nov 2020 18:47

Instrument :

MSVOA_N

ClientSampled :

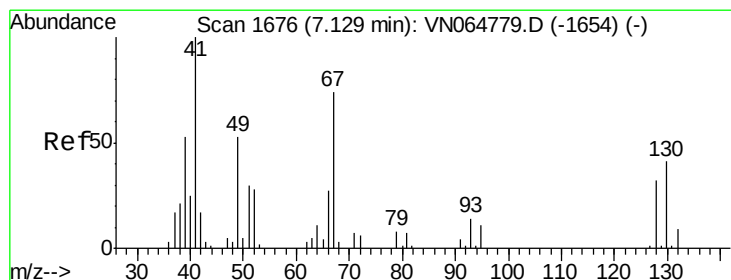
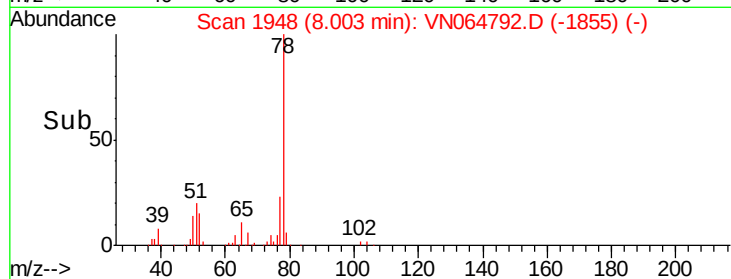
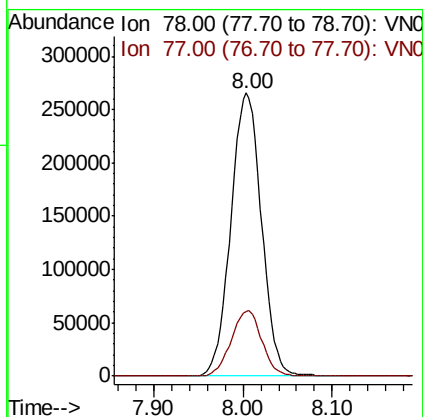
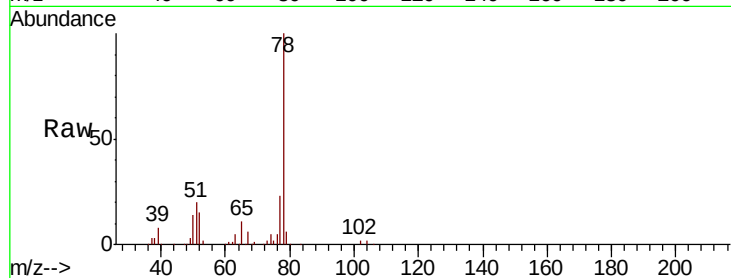
MW-6

Tot Ion: 78 Resp: 632641

Ion Ratio Lower Upper

78 100

77 23.0 17.9 26.9



#41

Methacrylonitrile

Concen: 0.318 ug/l

RT: 7.27 min Scan# 1720

Delta R.T. 0.14 min

Lab File: VN064792.D

Acq: 23 Nov 2020 18:47

Tgt Ion: 41 Resp: 386

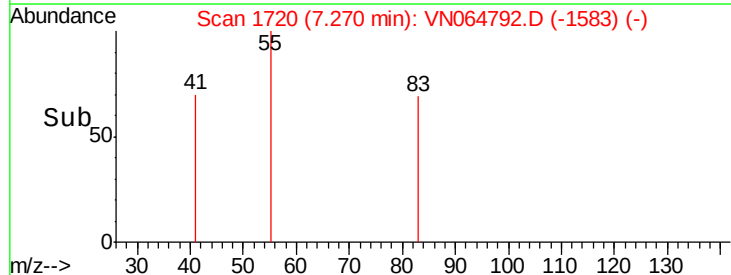
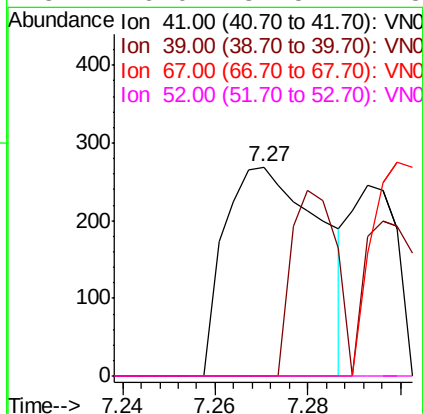
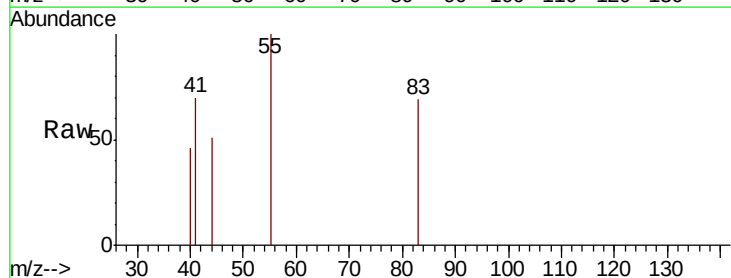
Ion Ratio Lower Upper

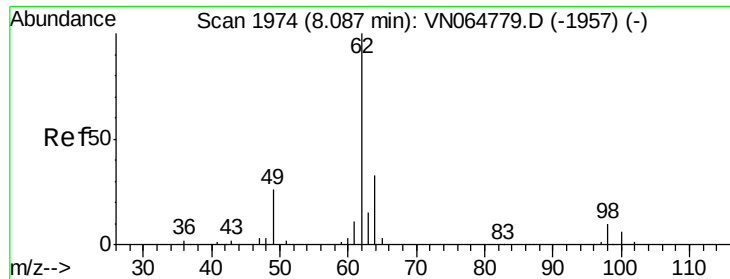
41 100

39 41.2 51.0 76.6#

67 0.0 79.8 119.8#

52 0.0 31.5 47.3#





#42

1,2-Dichloroethane

Concen: 1.663 ug/l

RT: 8.00 min Scan# 1947

Delta R.T. -0.09 min

Lab File: VN064792.D

Acq: 23 Nov 2020 18:47

Instrument :

MSVOA_N

ClientSampled :

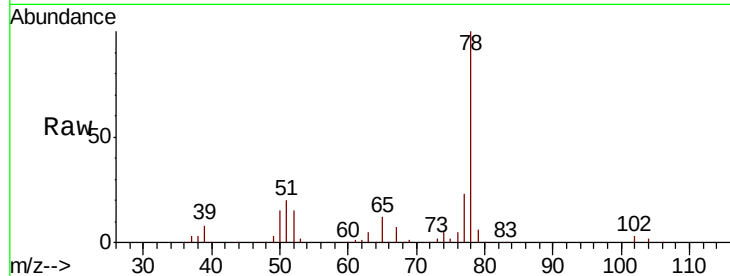
MW-6

Tot Ion: 62 Resp: 4687

Ion Ratio Lower Upper

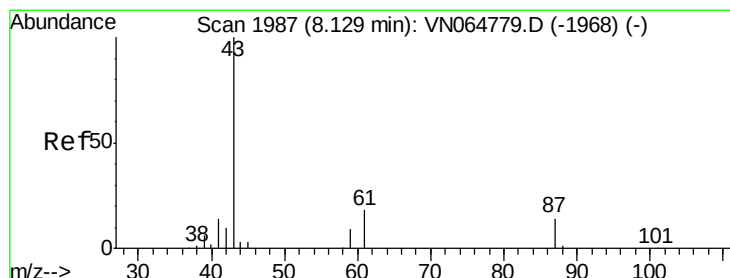
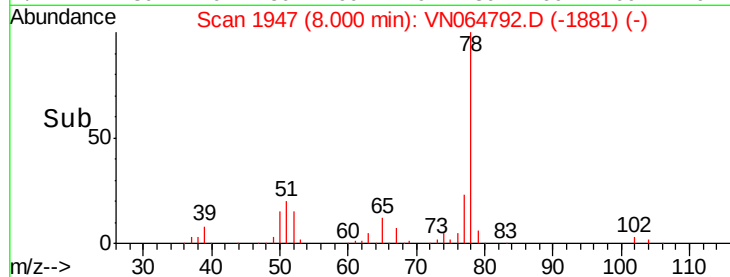
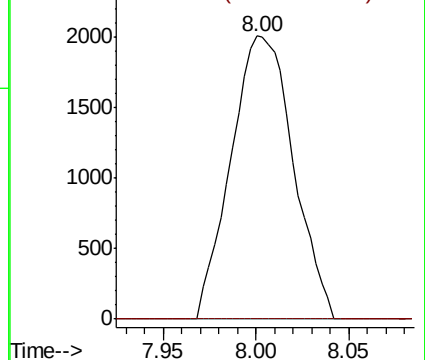
62 100

98 0.0 0.0 19.6



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#43

Isopropyl Acetate

Concen: 0.973 ug/l

RT: 8.11 min Scan# 1980

Delta R.T. -0.02 min

Lab File: VN064792.D

Acq: 23 Nov 2020 18:47

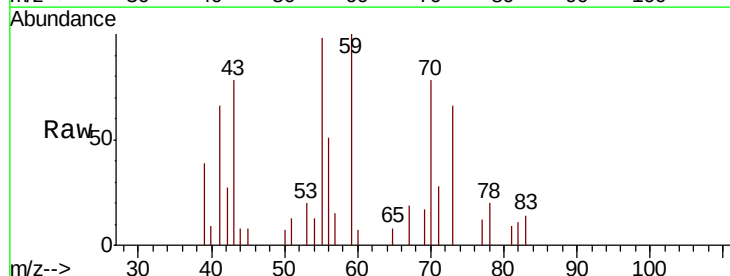
Tgt Ion: 43 Resp: 4113

Ion Ratio Lower Upper

43 100

61 0.0 17.2 25.8#

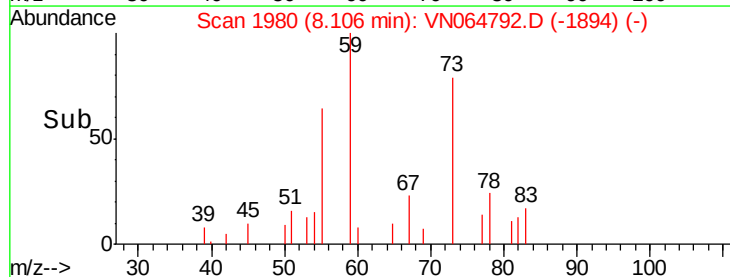
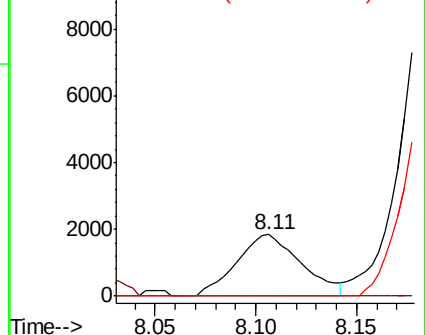
87 0.0 11.4 17.0#

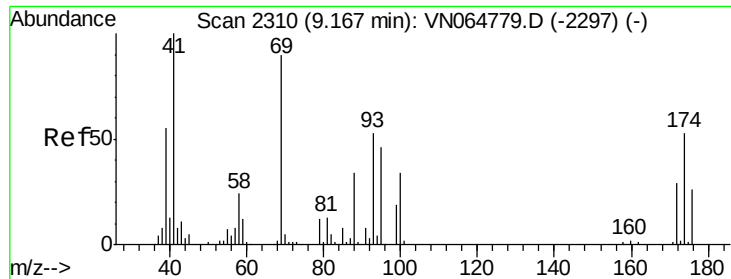


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

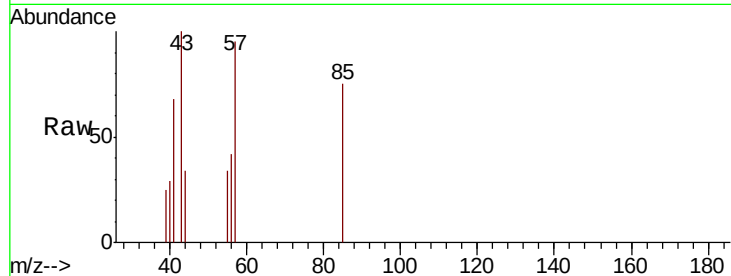




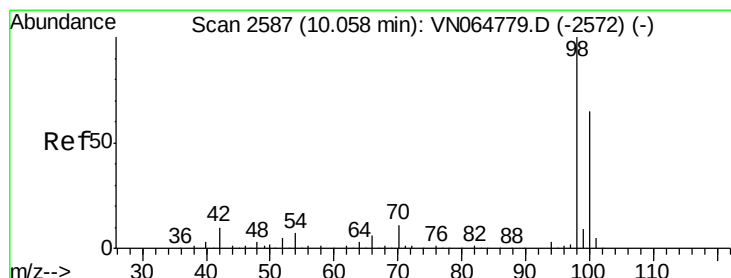
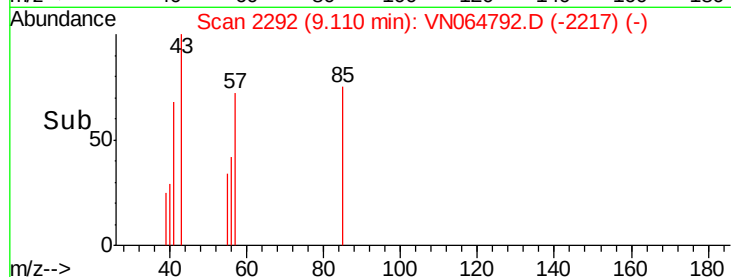
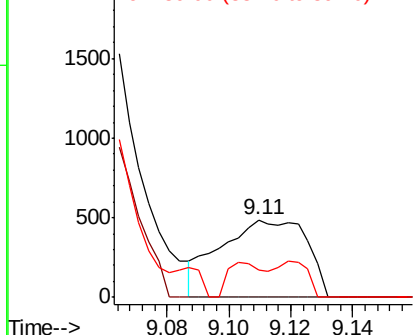
#48
Methvl methacrylate
Concen: 0.467 ug/l
RT: 9.11 min Scan# 2292
Delta R.T. -0.06 min
Lab File: VN064792.D
Acq: 23 Nov 2020 18:47

Instrument :
MSVOA_N
ClientSampled :
MW-6

Tot Ion: 41 Resp: 943
Ion Ratio Lower Upper
41 100
69 0.0 71.8 107.8#
39 19.3 44.1 66.1#

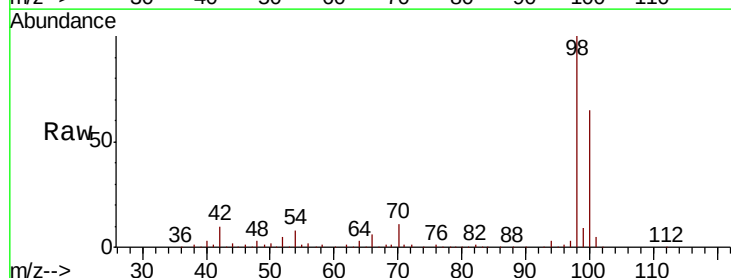


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

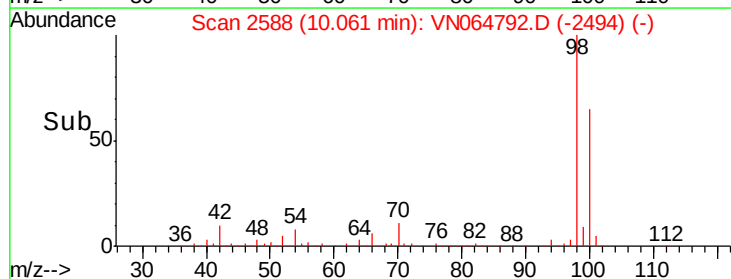
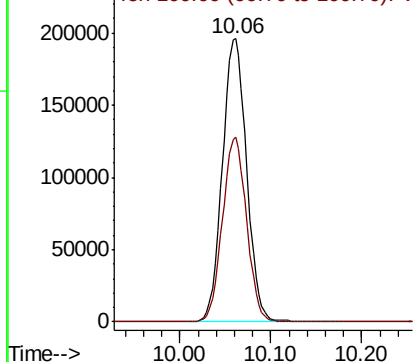


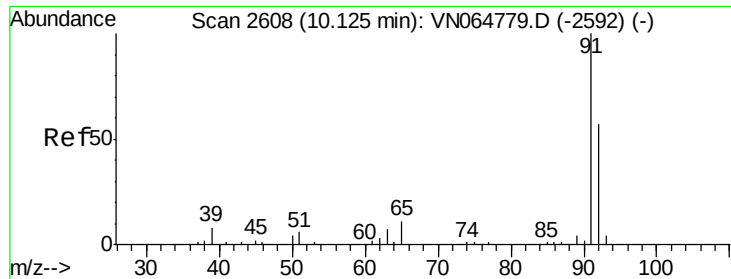
#50
Toluene-d8
Concen: 50.360 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064792.D
Acq: 23 Nov 2020 18:47

Tgt Ion: 98 Resp: 362238
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5



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





#52

Toluene

Concen: 36.819 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064792.D

Acq: 23 Nov 2020 18:47

Instrument :

MSVOA_N

ClientSampleId :

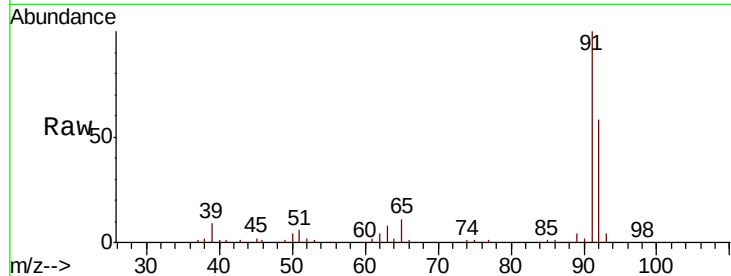
MW-6

Tot Ion: 92 Resp: 189476

Ion Ratio Lower Upper

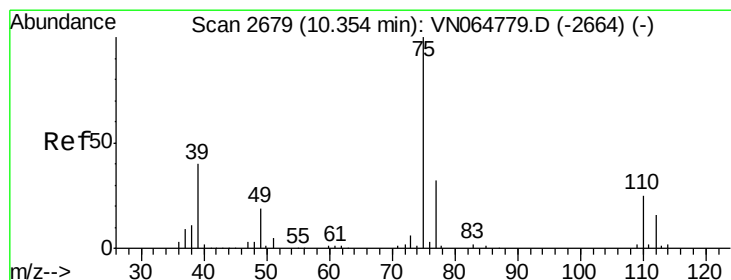
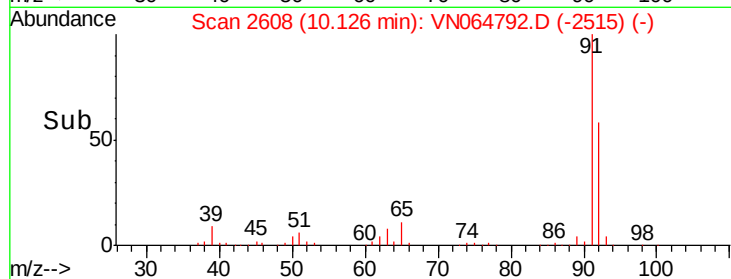
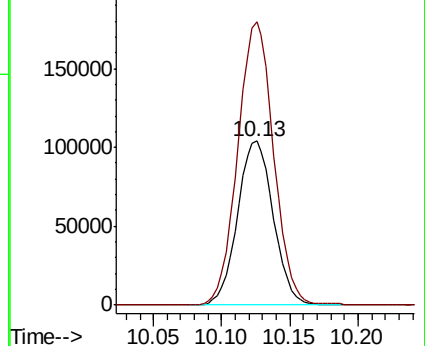
92 100

91 173.2 139.1 208.7



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

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



#53

t-1,3-Dichloropropene

Concen: 0.676 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. -0.23 min

Lab File: VN064792.D

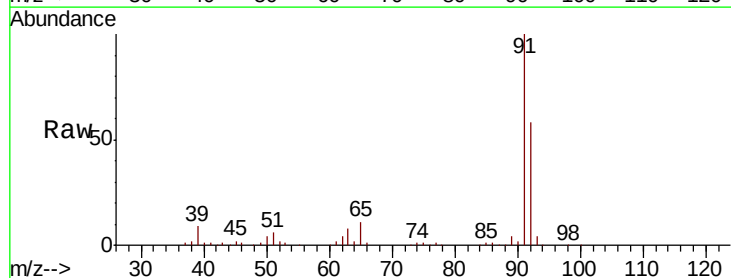
Acq: 23 Nov 2020 18:47

Tgt Ion: 75 Resp: 2190

Ion Ratio Lower Upper

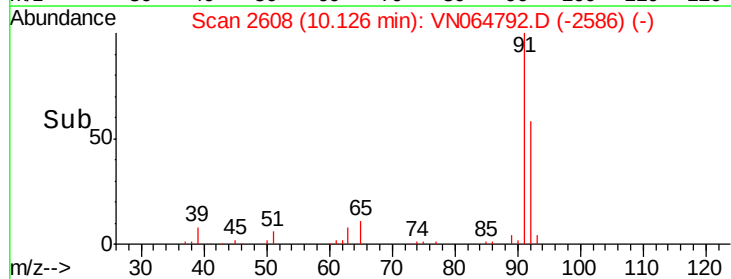
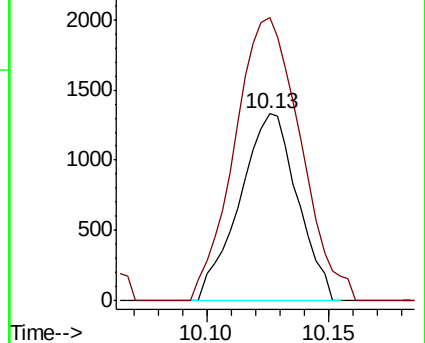
75 100

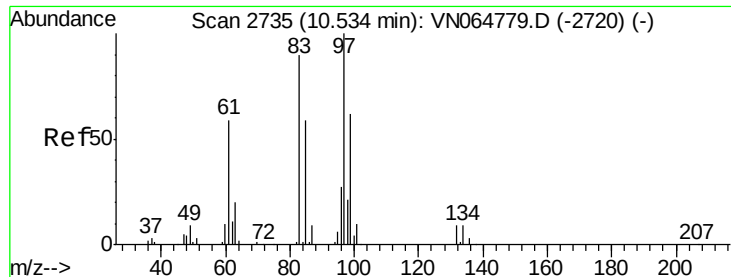
77 151.5 25.8 38.6#



Abundance Ion 74.90 (74.60 to 75.60): VN064779.D (-2664) (-)

Ion 76.90 (76.60 to 77.60): VN064779.D (-2664) (-)





#55

1,1,2-Trichloroethane

Concen: 1.290 ug/l

RT: 10.50 min Scan# 2725

Delta R.T. -0.03 min

Lab File: VN064792.D

Acq: 23 Nov 2020 18:47

Instrument :

MSVOA_N

ClientSampled :

MW-6

Tot Ion: 97 Resp: 2730

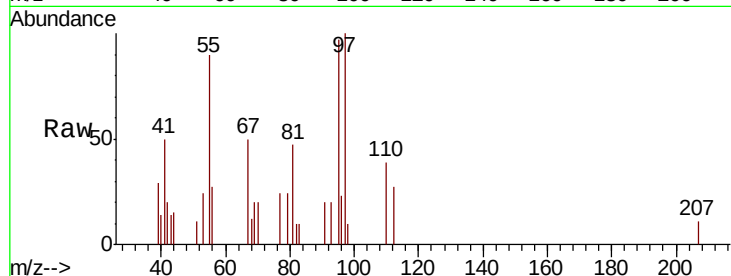
Ion Ratio Lower Upper

97 100

83 10.1 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

2000

1500

1000

500

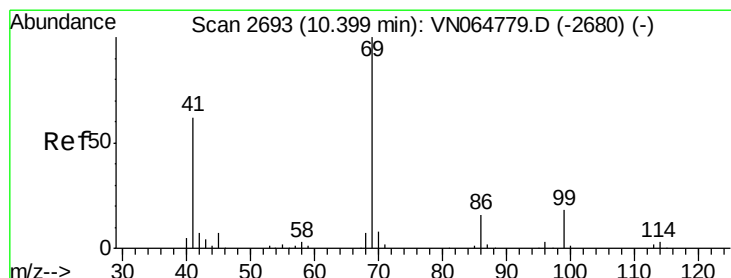
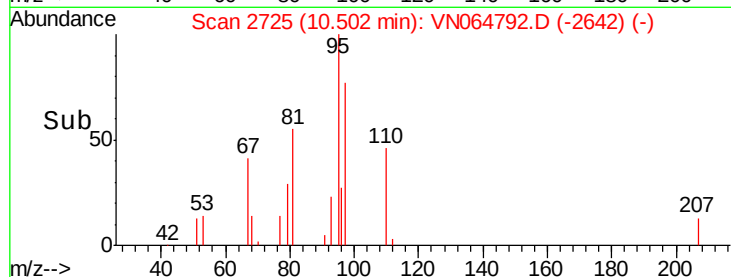
0

10.45

10.50

10.55

Time-->



#56

Ethyl methacrylate

Concen: 0.269 ug/l

RT: 10.40 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VN064792.D

Acq: 23 Nov 2020 18:47

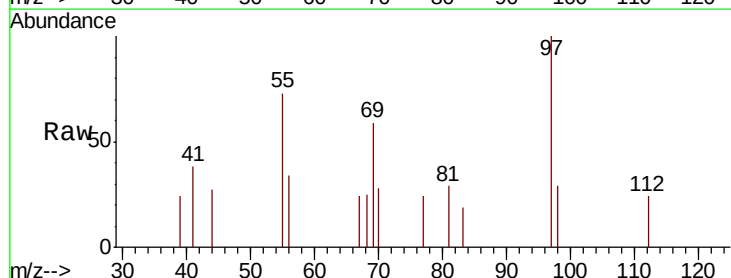
Tgt Ion: 69 Resp: 786

Ion Ratio Lower Upper

69 100

41 96.9 49.4 74.0#

39 0.0 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

600

500

400

300

200

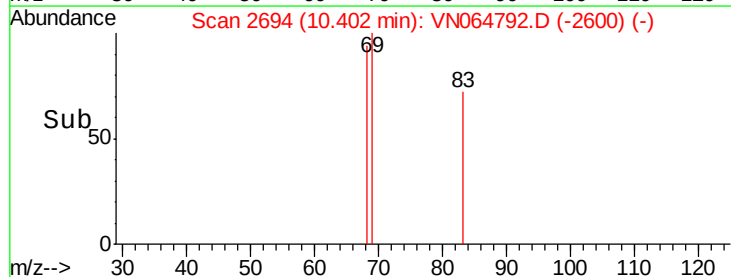
100

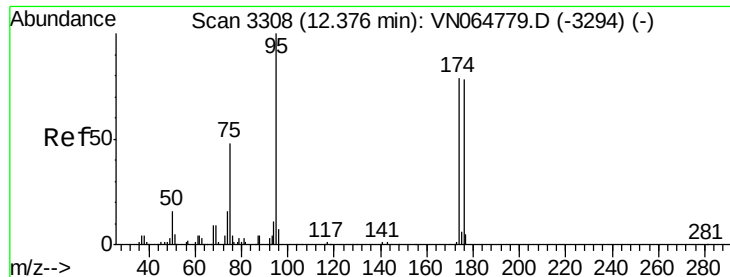
0

10.35

10.40

Time-->





#62

4-Bromofluorobenzene

Concen: 58.062 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064792.D

Acq: 23 Nov 2020 18:47

Instrument :

MSVOA_N

ClientSampleId :

MW-6

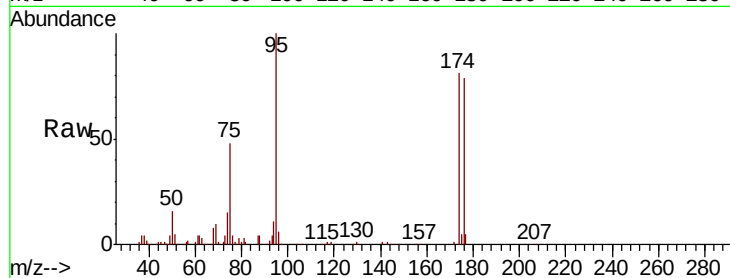
Tot Ion: 95 Resp: 149463

Ion Ratio Lower Upper

95 100

174 79.5 0.0 160.4

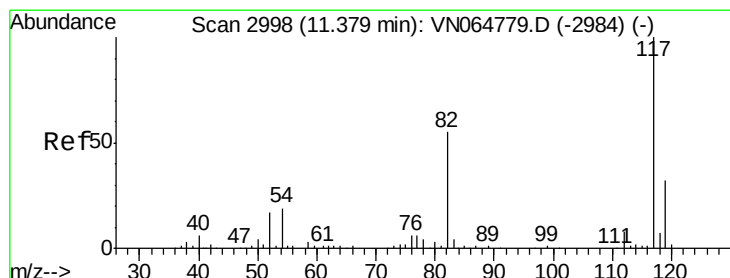
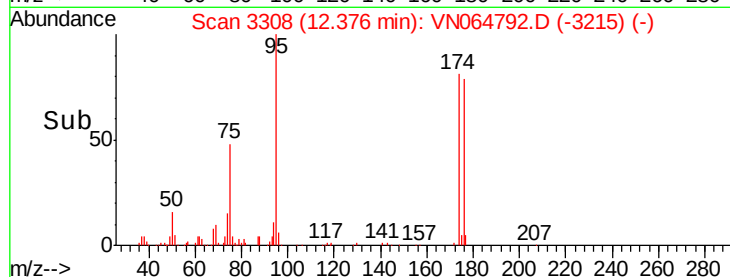
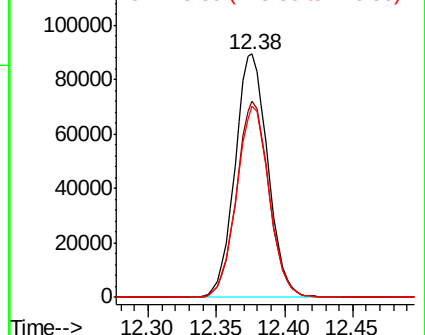
176 78.4 0.0 158.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064792.D

Acq: 23 Nov 2020 18:47

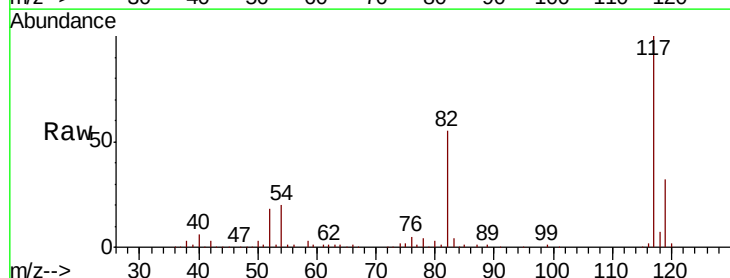
Tgt Ion: 117 Resp: 296143

Ion Ratio Lower Upper

117 100

82 55.3 44.2 66.2

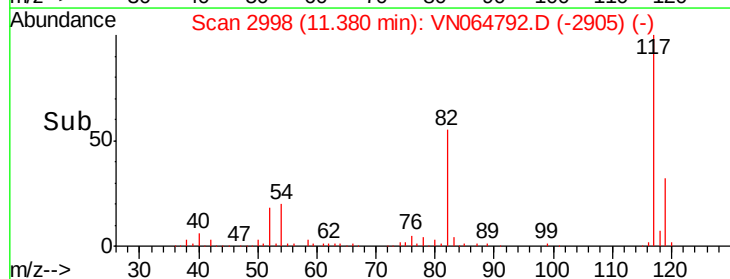
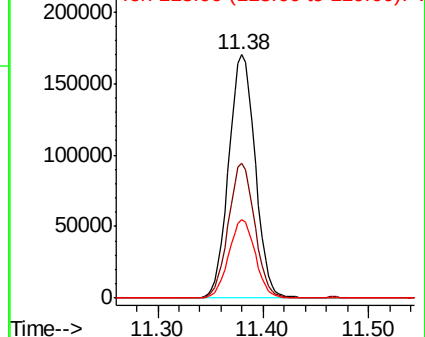
119 32.2 25.8 38.6

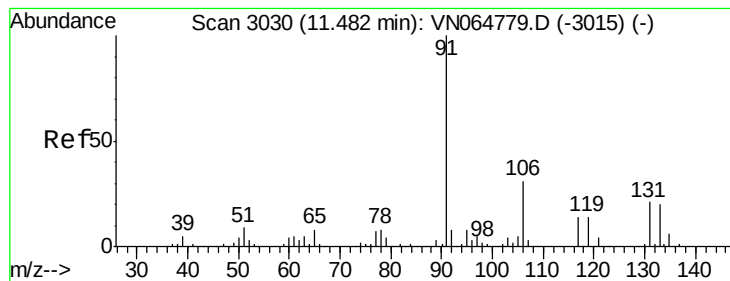


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#67

Ethyl Benzene

Concen: 41.856 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN064792.D

Acq: 23 Nov 2020 18:47

Instrument :

MSVOA_N

ClientSampled :

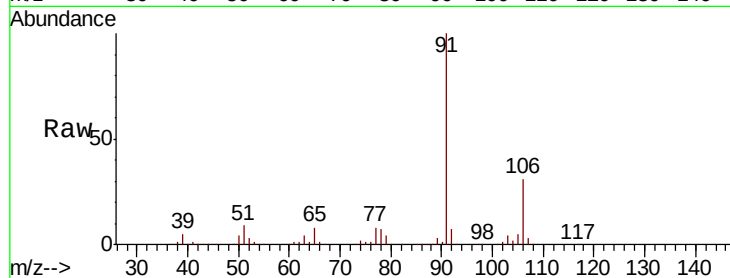
MW-6

Tot Ion: 91 Resp: 444686

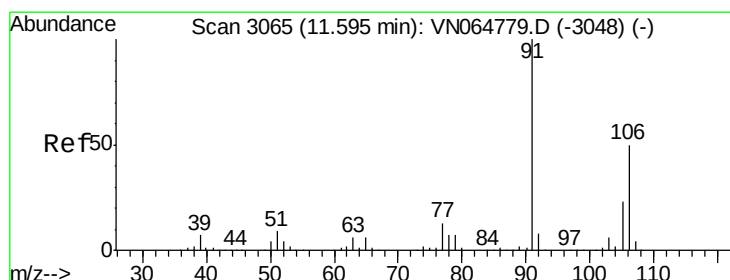
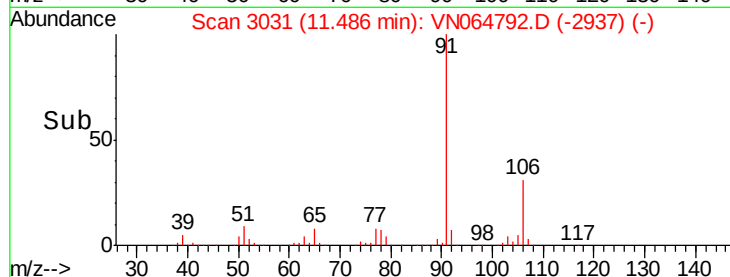
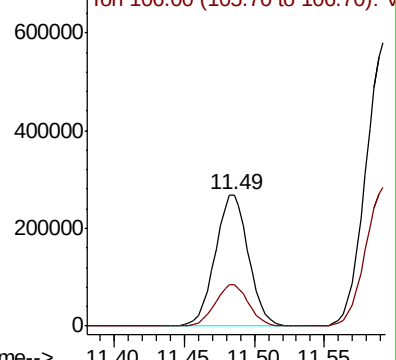
Ion Ratio Lower Upper

91 100

106 31.4 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VN064779.D (-3015) (-)



#68

m/p-Xylenes

Concen: 137.681 ug/l

RT: 11.59 min Scan# 3064

Delta R.T. -0.00 min

Lab File: VN064792.D

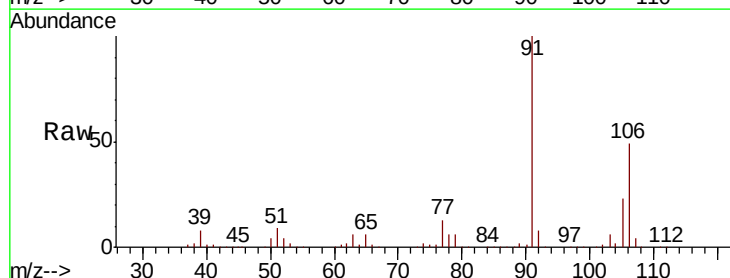
Acq: 23 Nov 2020 18:47

Tgt Ion: 106 Resp: 553804

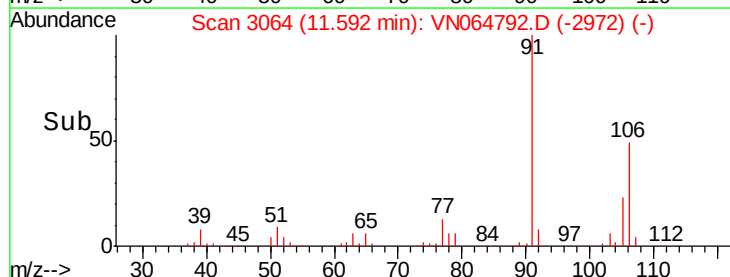
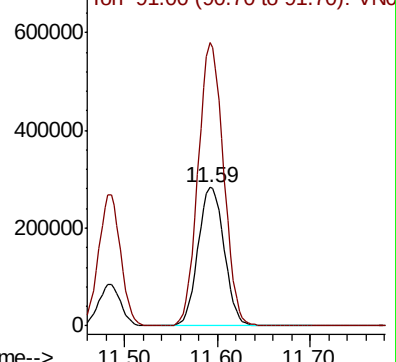
Ion Ratio Lower Upper

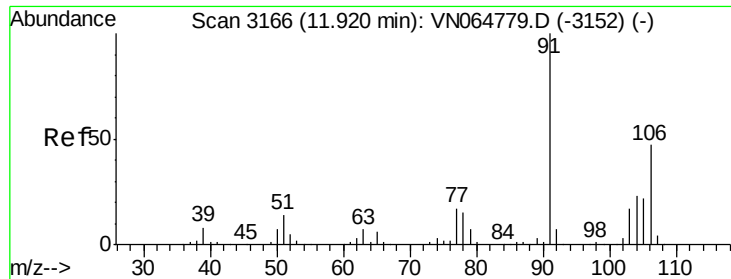
106 100

91 198.9 161.0 241.4



Abundance Ion 106.00 (105.70 to 106.70): VN064779.D (-3048) (-)

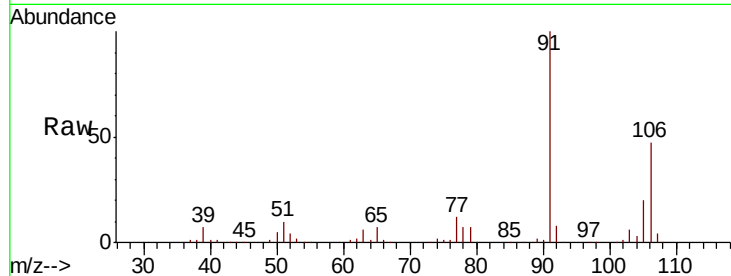




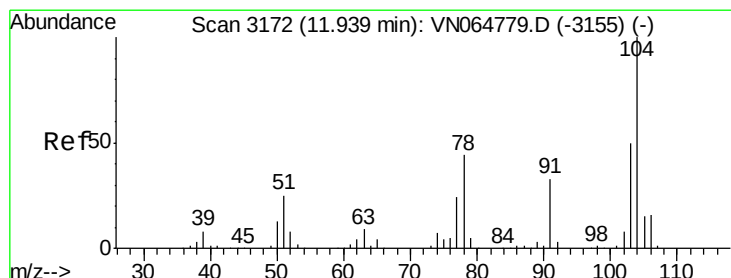
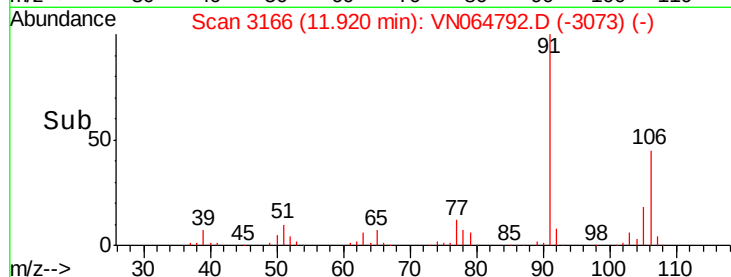
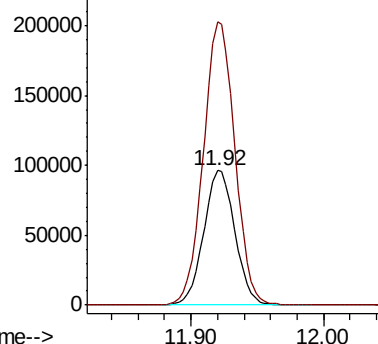
#69
o-Xylene
Concen: 41.304 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064792.D
Acq: 23 Nov 2020 18:47

Instrument :
MSVOA_N
ClientSampled :
MW-6

Tot Ion:106 Resp: 157657
Ion Ratio Lower Upper
106 100
91 211.7 105.5 316.5

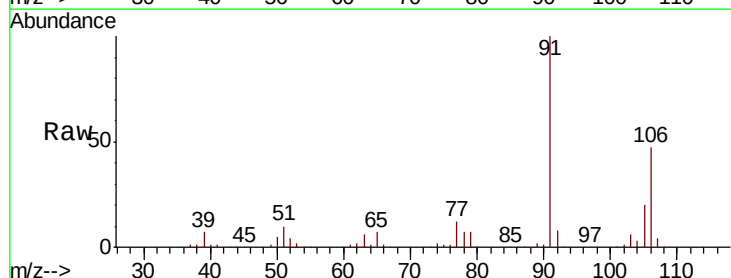


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

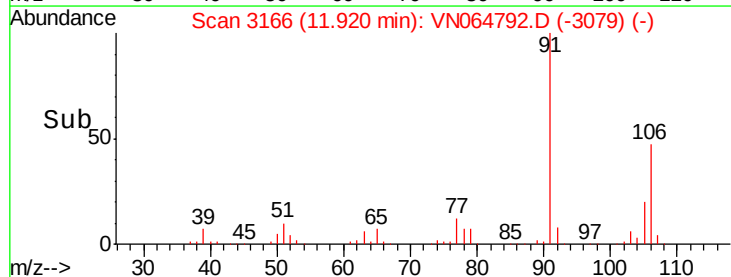
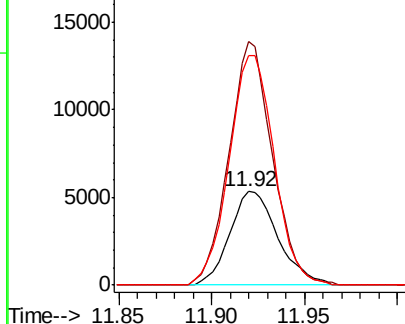


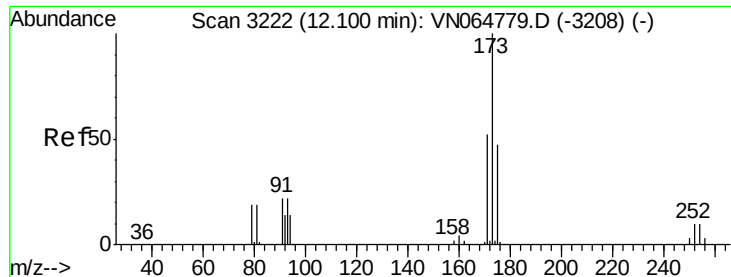
#70
Styrene
Concen: 1.501 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.02 min
Lab File: VN064792.D
Acq: 23 Nov 2020 18:47

Tgt Ion:104 Resp: 9669
Ion Ratio Lower Upper
104 100
78 233.8 39.0 58.6#
103 229.4 44.3 66.5#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 0.202 ug/l

RT: 12.37 min Scan# 3306

Delta R.T. 0.27 min

Lab File: VN064792.D

Acq: 23 Nov 2020 18:47

Instrument :

MSVOA_N

ClientSampled :

MW-6

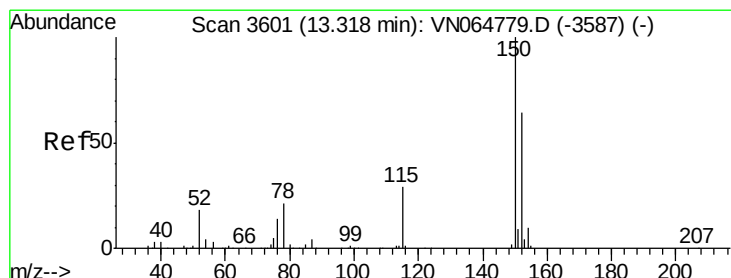
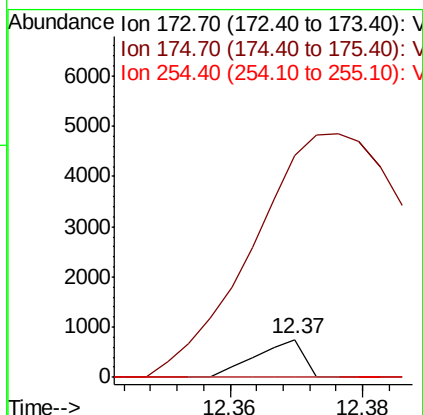
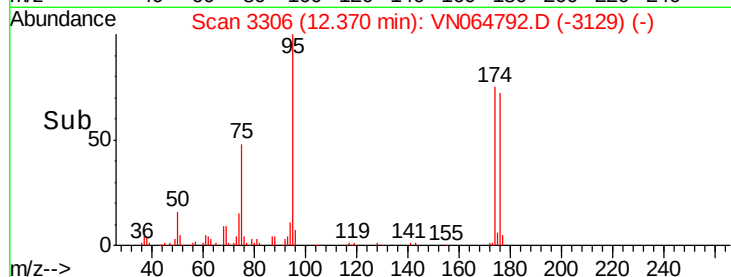
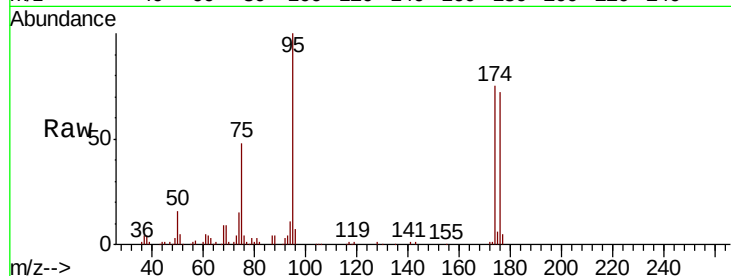
Tot Ion:173 Resp: 378

Ion Ratio Lower Upper

173 100

175 1861.4 24.3 72.8#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064792.D

Acq: 23 Nov 2020 18:47

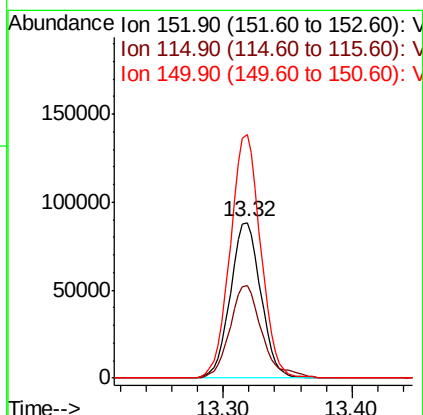
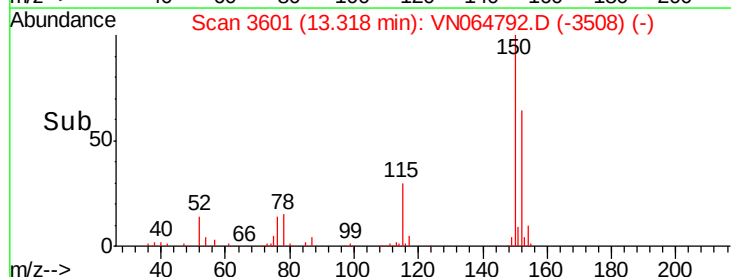
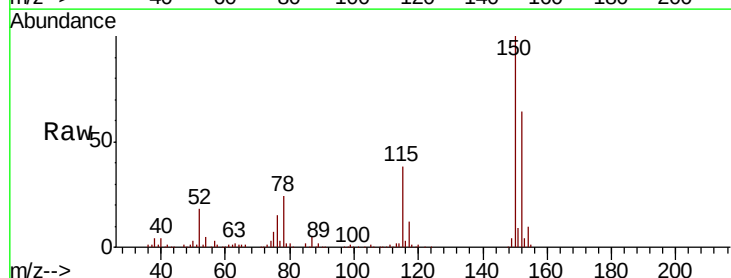
Tgt Ion:152 Resp: 145301

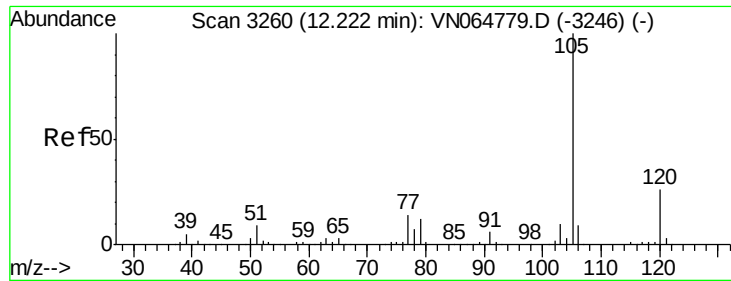
Ion Ratio Lower Upper

152 100

115 62.9 29.7 89.1

150 156.0 0.0 350.6





#73

Isopropylbenzene

Concen: 2.391 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN064792.D

Acq: 23 Nov 2020 18:47

Instrument :

MSVOA_N

ClientSampled :

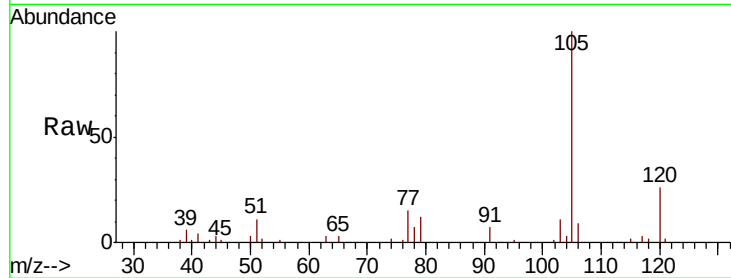
MW-6

Tot Ion:105 Resp: 24169

Ion Ratio Lower Upper

105 100

120 26.2 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.23

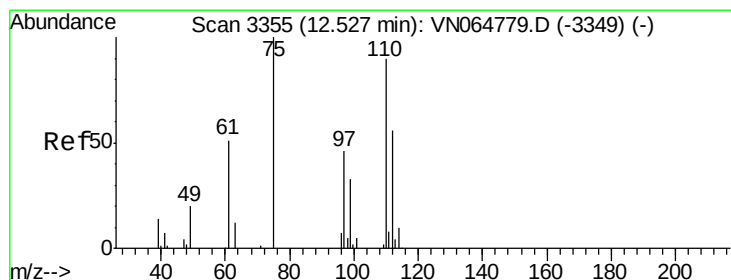
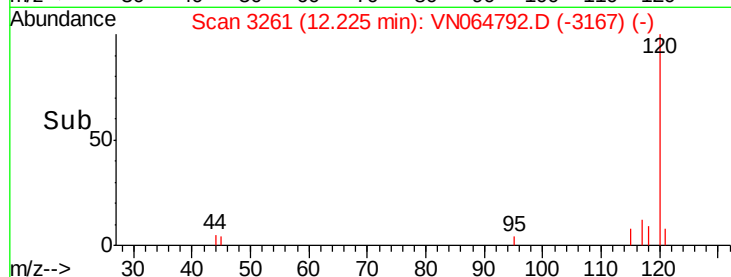
15000

10000

5000

0

Time--> 12.15 12.20 12.25



#76

1,2,3-Trichloropropane

Concen: 22.771 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN064792.D

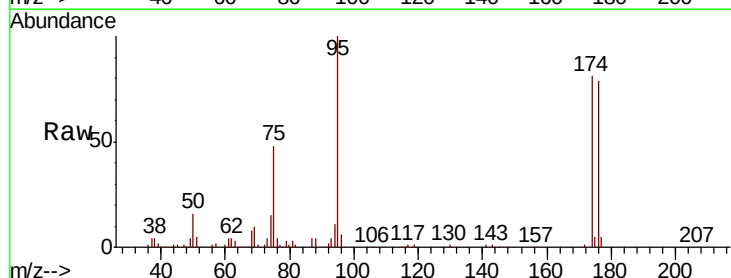
Acq: 23 Nov 2020 18:47

Tgt Ion: 75 Resp: 71254

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

50000

40000

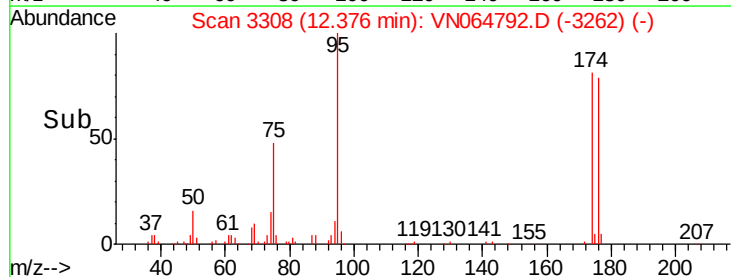
30000

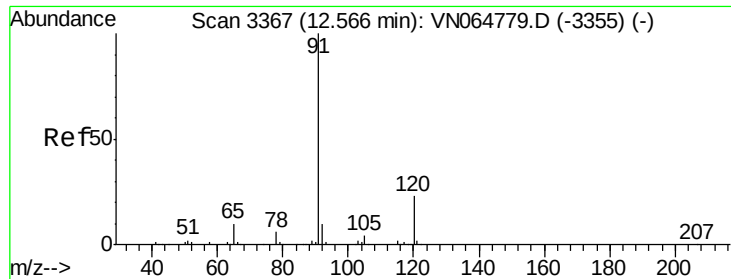
20000

10000

0

Time--> 12.30 12.35 12.40 12.45





#78

n-propylbenzene

Concen: 3.596 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064792.D

Acq: 23 Nov 2020 18:47

Instrument :

MSVOA_N

ClientSampled :

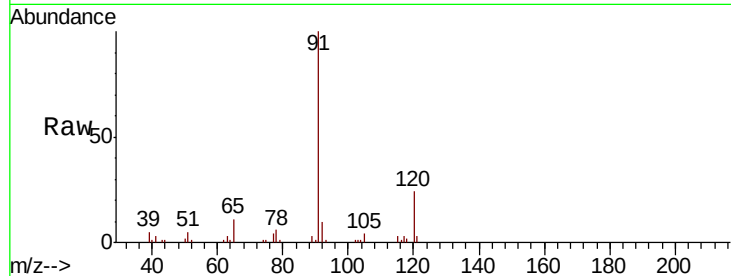
MW-6

Tot Ion: 91 Resp: 41403

Ion Ratio Lower Upper

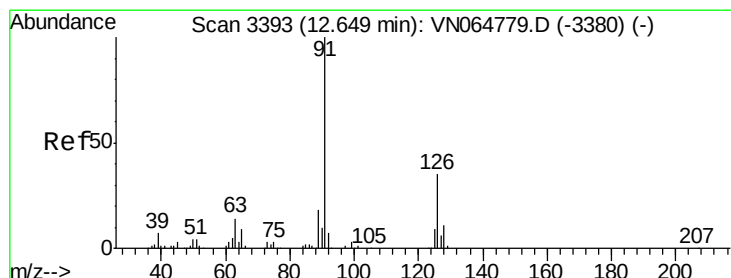
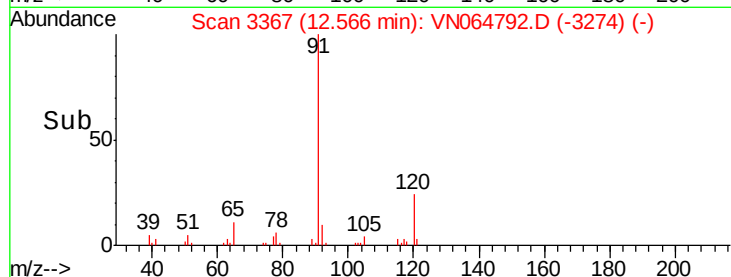
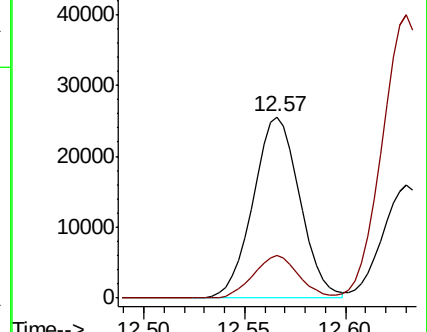
91 100

120 22.7 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: 3.424 ug/l

RT: 12.63 min Scan# 3387

Delta R.T. -0.02 min

Lab File: VN064792.D

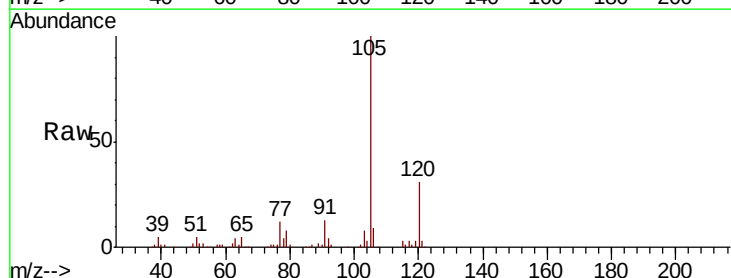
Acq: 23 Nov 2020 18:47

Tgt Ion: 91 Resp: 24371

Ion Ratio Lower Upper

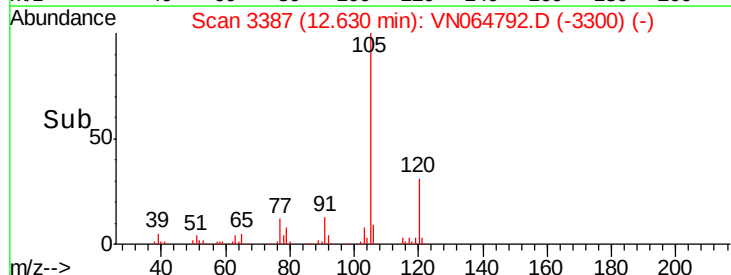
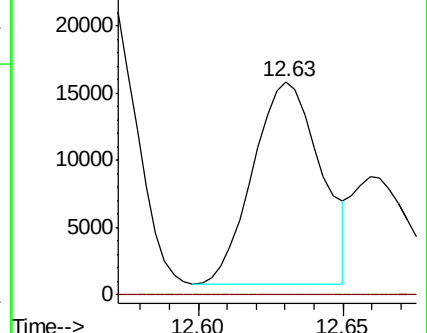
91 100

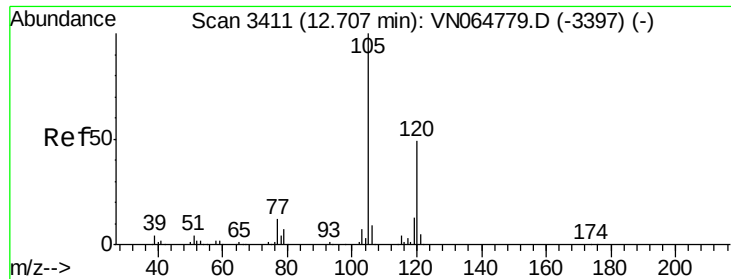
126 0.0 17.2 51.6#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

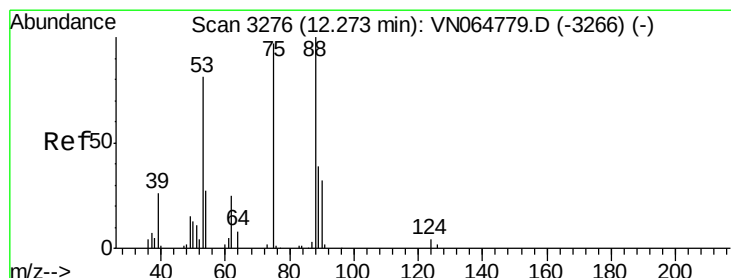
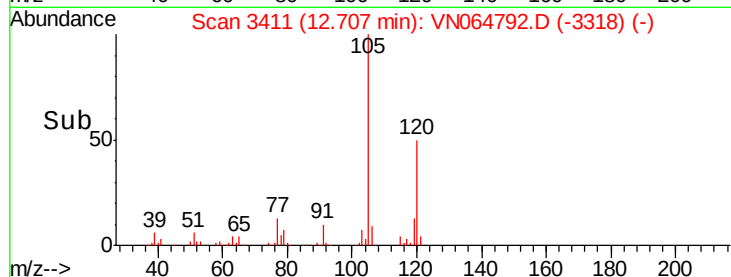
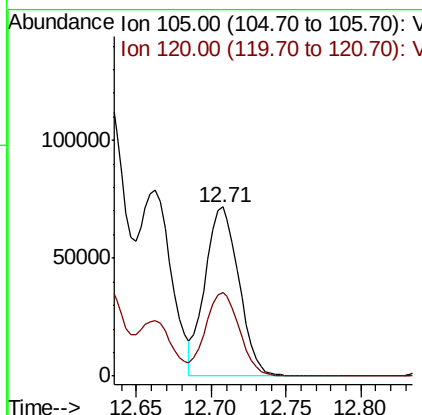
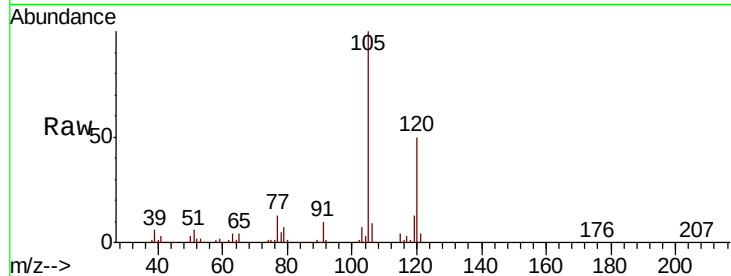




#80
 1,3,5-Trimethylbenzene
 Concen: 13.401 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064792.D
 Acq: 23 Nov 2020 18:47

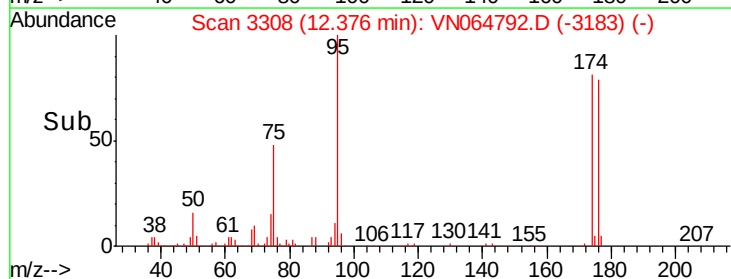
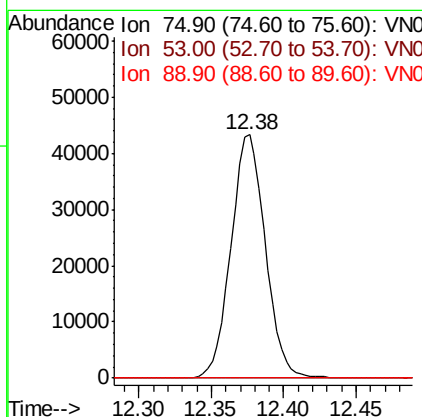
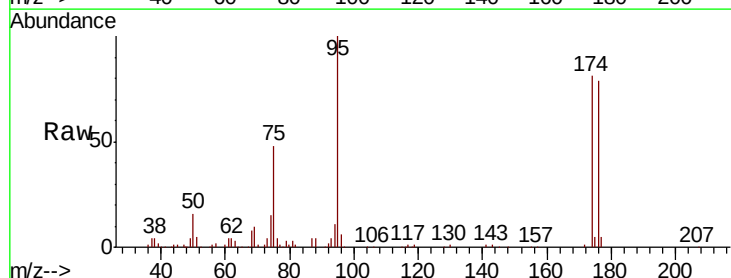
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6

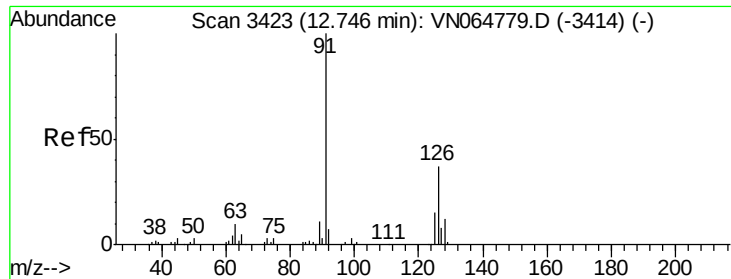
Tot Ion:105 Resp: 112578
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.6 73.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.409 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.10 min
 Lab File: VN064792.D
 Acq: 23 Nov 2020 18:47

Tgt Ion: 75 Resp: 71254
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.0 100.4#
 89 0.0 39.6 59.4#





#82

4-Chlorotoluene

Concen: 1.453 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.04 min

Lab File: VN064792.D

Acq: 23 Nov 2020 18:47

Instrument :

MSVOA_N

ClientSampled :

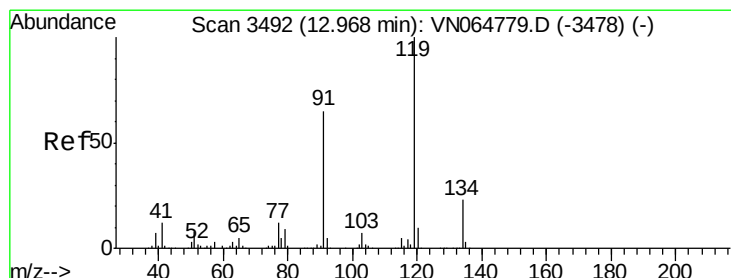
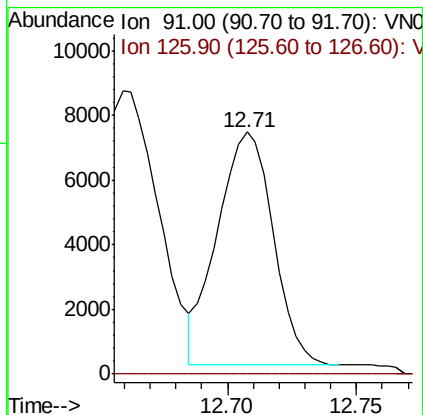
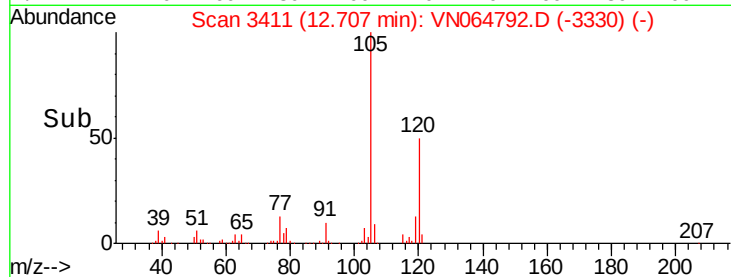
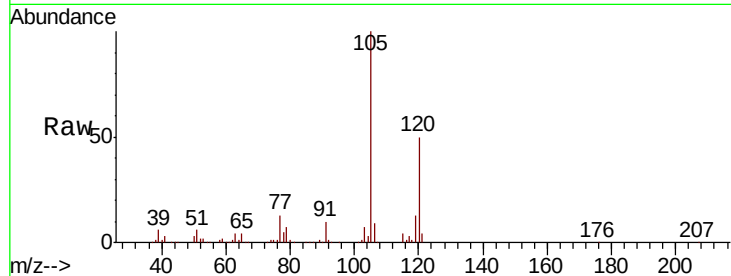
MW-6

Tot Ion: 91 Resp: 10841

Ion Ratio Lower Upper

91 100

126 0.0 16.9 50.7#



#83

tert-Butylbenzene

Concen: 9.051 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.05 min

Lab File: VN064792.D

Acq: 23 Nov 2020 18:47

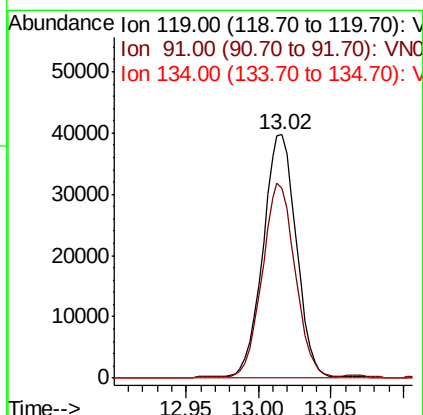
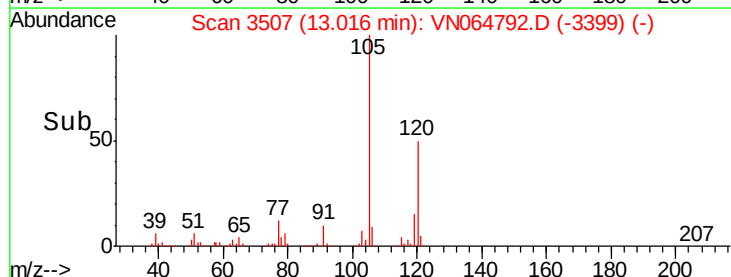
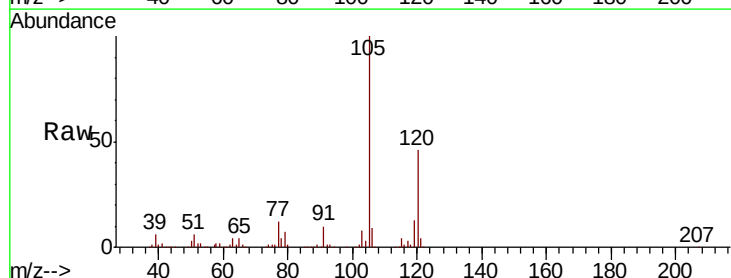
Tgt Ion: 119 Resp: 63733

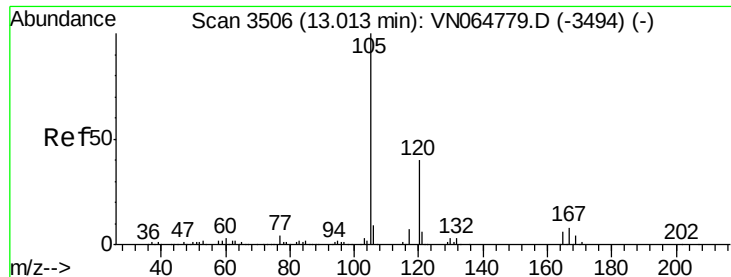
Ion Ratio Lower Upper

119 100

91 77.7 32.3 96.8

134 0.0 12.6 37.6#

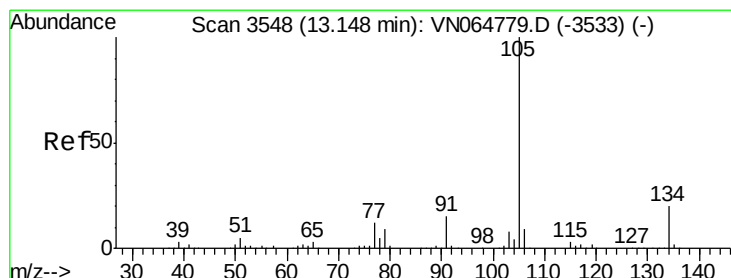
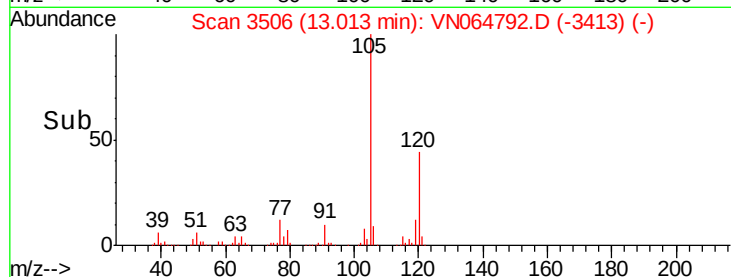
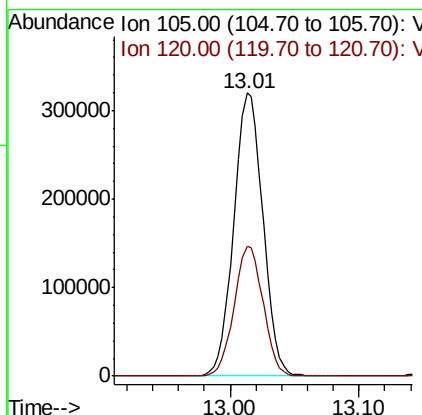
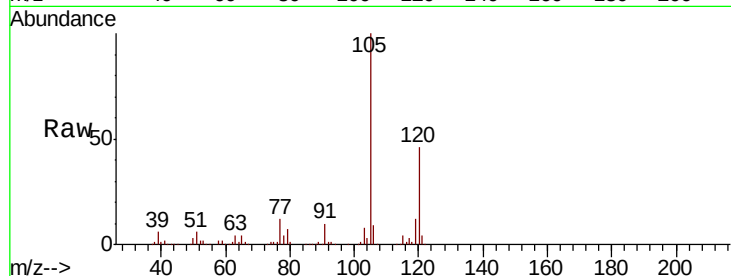




#84
 1,2,4-Trimethylbenzene
 Concen: 59.118 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064792.D
 Acq: 23 Nov 2020 18:47

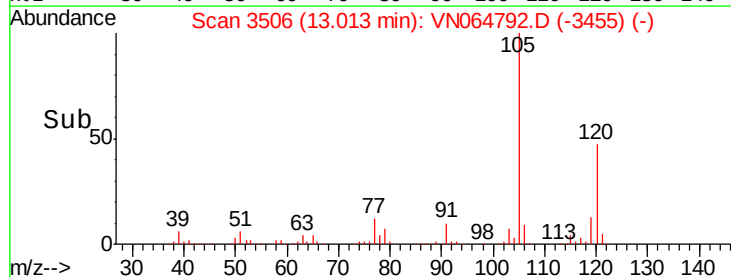
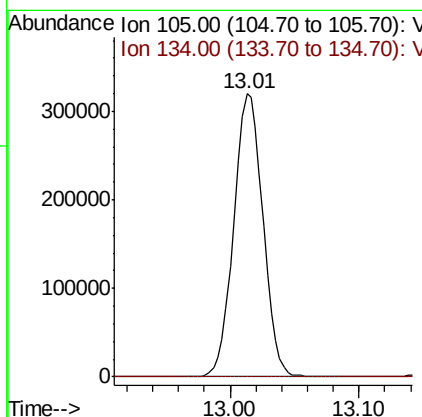
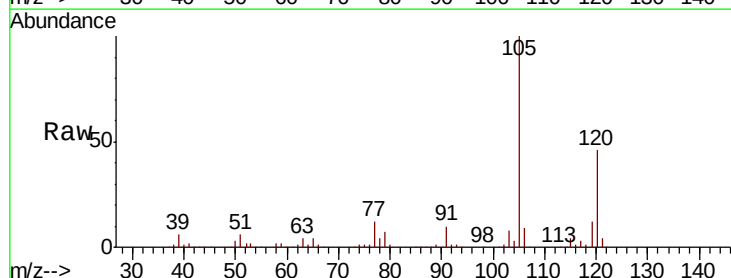
Instrument :
 MSVOA_N
 ClientSampled :
 MW-6

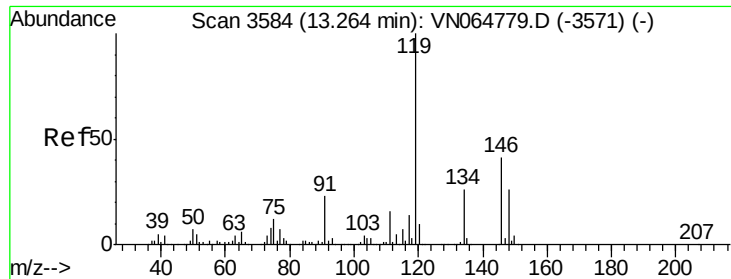
Tot Ion:105 Resp: 502128
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 53.709 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.13 min
 Lab File: VN064792.D
 Acq: 23 Nov 2020 18:47

Tgt Ion:105 Resp: 502128
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.1 30.1#

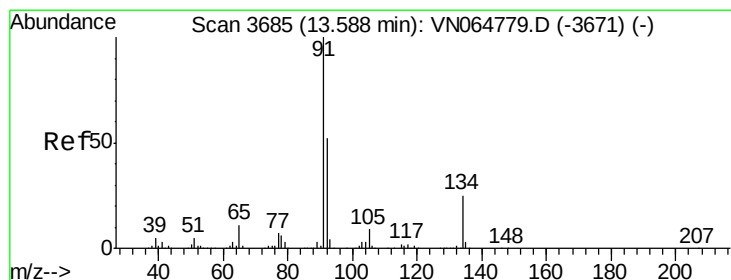
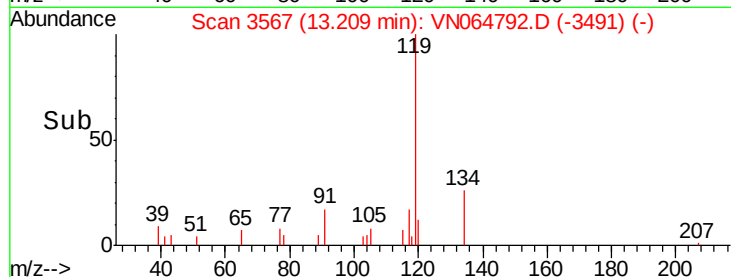
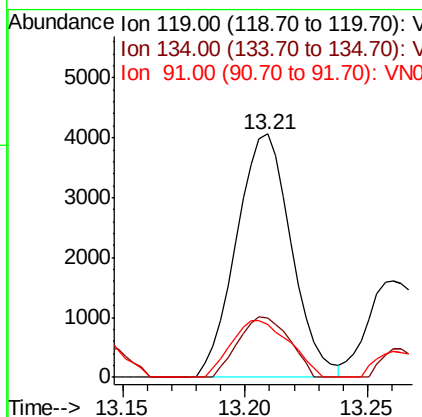
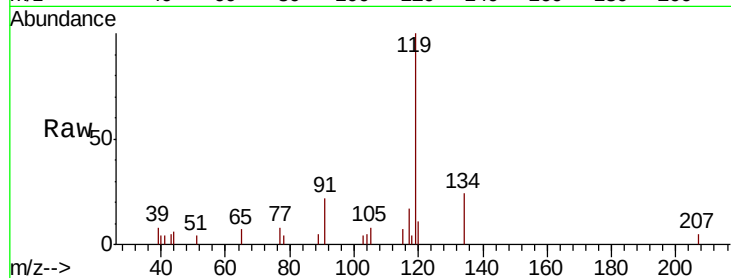




#86
 p-Isopropyltoluene
 Concen: 0.746 ug/l
 RT: 13.21 min Scan# 3567
 Delta R.T. -0.05 min
 Lab File: VN064792.D
 Acq: 23 Nov 2020 18:47

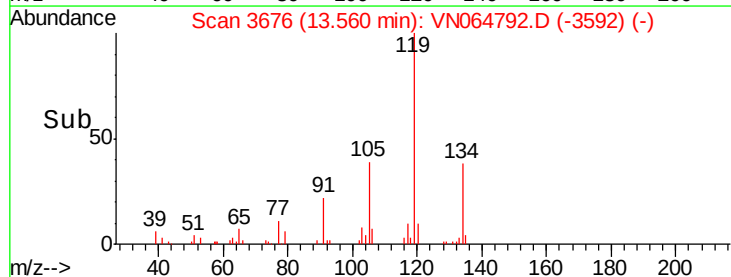
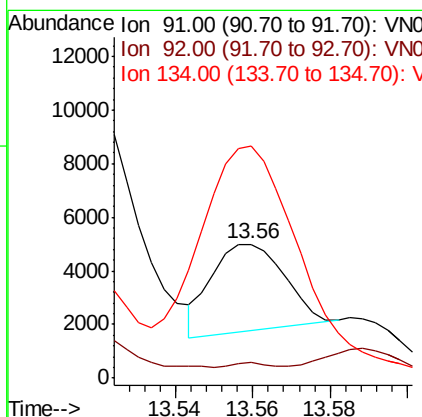
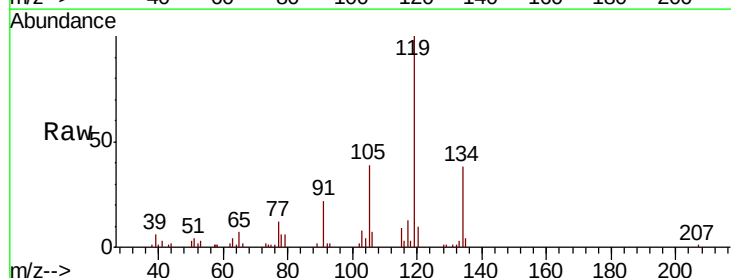
Instrument :
 MSVOA_N
 ClientSampled :
 MW-6

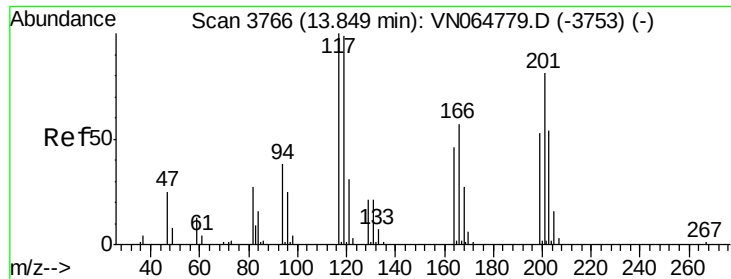
Tot Ion: 119 Resp: 6351
 Ion Ratio Lower Upper
 119 100
 134 23.1 13.1 39.1
 91 24.8 11.5 34.5



#89
 n-Butylbenzene
 Concen: 0.574 ug/l
 RT: 13.56 min Scan# 3676
 Delta R.T. -0.03 min
 Lab File: VN064792.D
 Acq: 23 Nov 2020 18:47

Tgt Ion: 91 Resp: 4293
 Ion Ratio Lower Upper
 91 100
 92 13.3 26.0 78.0#
 134 384.0 12.9 38.6#





#90

Hexachloroethane

Concen: 3.892 ug/l

RT: 13.86 min Scan# 3770

Delta R.T. 0.01 min

Lab File: VN064792.D

Acq: 23 Nov 2020 18:47

Instrument :

MSVOA_N

ClientSampled :

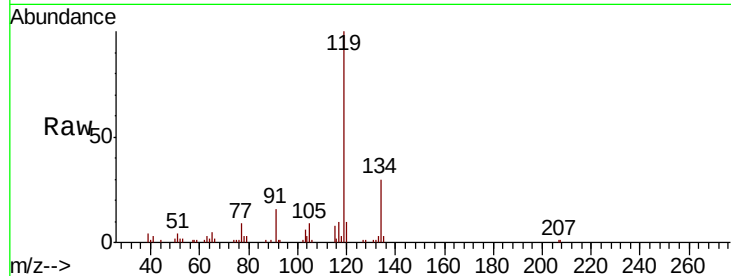
MW-6

Tot Ion:117 Resp: 5755

Ion Ratio Lower Upper

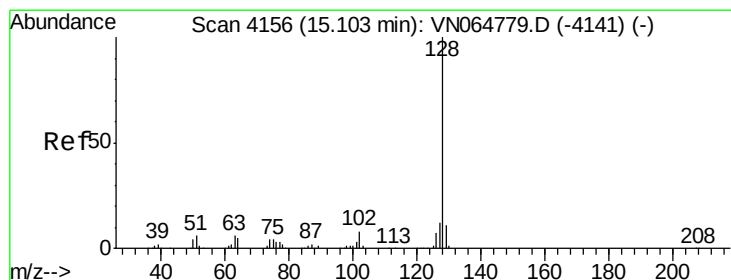
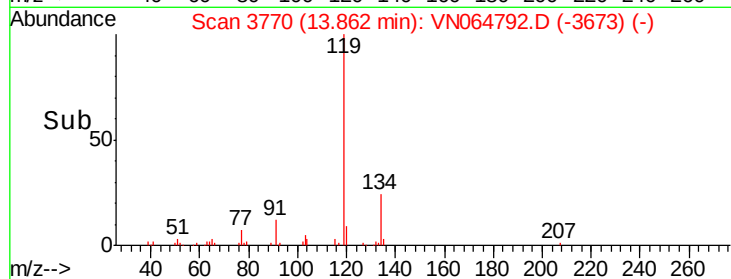
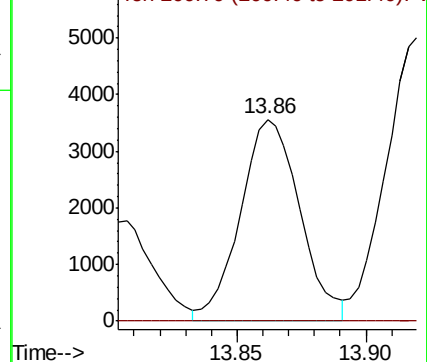
117 100

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



#95

Naphthalene

Concen: 7.923 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064792.D

Acq: 23 Nov 2020 18:47

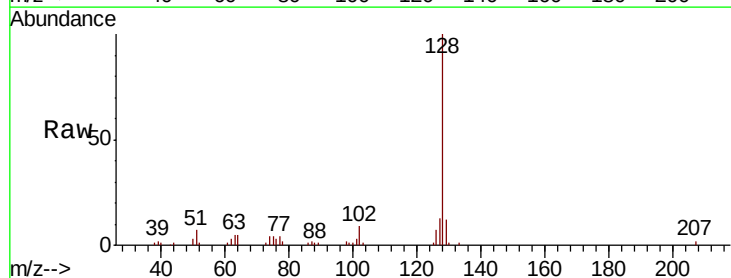
Tgt Ion:128 Resp: 69798

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

