

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112320\
 Data File : VN064787.D
 Acq On : 23 Nov 2020 16:45
 Operator : JC/MD
 Sample : L4772-02DL 16X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4DL

Quant Time: Nov 24 03:22:53 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	7.62	168	132855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	237505	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	246084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	127156	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	84213	54.52	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.04%			
35) Dibromofluoromethane	7.55	113	73730	51.88	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.76%			
50) Toluene-d8	10.06	98	295783	50.94	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.88%			
62) 4-Bromofluorobenzene	12.38	95	123921	59.63	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 119.26%			

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.56	56	34	0.231	ug/l #	1
16) Acetone	3.78	43	528	1.040	ug/l #	43
17) Carbon Disulfide	4.00	76	1538	0.468	ug/l #	75
20) Methylene Chloride	4.50	84	1415	0.889	ug/l #	68
25) 2-Butanone	6.79	43	190	0.231	ug/l #	49
27) cis-1,2-Dichloroethene	6.78	96	1058	0.657	ug/l	52
31) Cyclohexane	7.62	56	2567	1.192	ug/l #	8
36) 1,1-Dichloropropene	7.62	75	8985	4.081	ug/l #	48
38) Carbon Tetrachloride	7.62	117	12495	5.455	ug/l #	18
51) 4-Methyl-2-Pentanone	9.96	43	627	0.306	ug/l #	35
59) 2-Hexanone	10.73	43	329	0.223	ug/l #	23
67) Ethyl Benzene	11.48	91	45950	5.205	ug/l	99
68) m/p-Xylenes	11.60	106	11483	3.436	ug/l	97
69) o-Xylene	11.92	106	1270	0.400	ug/l	92
73) Isopropylbenzene	12.22	105	52496	5.935	ug/l	99
74) N-amyl acetate	12.02	43	1226	0.352	ug/l #	49
76) 1,2,3-Trichloropropane	12.38	75	60335	22.033	ug/l #	100
78) n-propylbenzene	12.57	91	97299	9.657	ug/l	100
79) 2-Chlorotoluene	12.57	91	97299	15.622	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.71	105	18784	2.555	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	60335	60.387	ug/l #	15
82) 4-Chlorotoluene	12.86	91	3026	0.464	ug/l #	41
83) tert-Butylbenzene	12.97	119	7871	1.277	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	656355	88.303	ug/l	99
85) sec-Butylbenzene	13.15	105	31674	3.871	ug/l #	77
86) p-Isopropyltoluene	13.26	119	10855	1.457	ug/l	94
88) 1,4-Dichlorobenzene	13.33	146	1046	0.233	ug/l #	1
89) n-Butylbenzene	13.59	91	16973	2.595	ug/l #	72
90) Hexachloroethane	13.86	117	5831	4.506	ug/l #	9
93) 1,2,4-Trichlorobenzene	14.88	180	1034	0.402	ug/l #	56
94) Hexachlorobutadiene	14.98	225	364	0.684	ug/l #	54
95) Naphthalene	15.10	128	30127	3.908	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	1002	1.790	ug/l	90

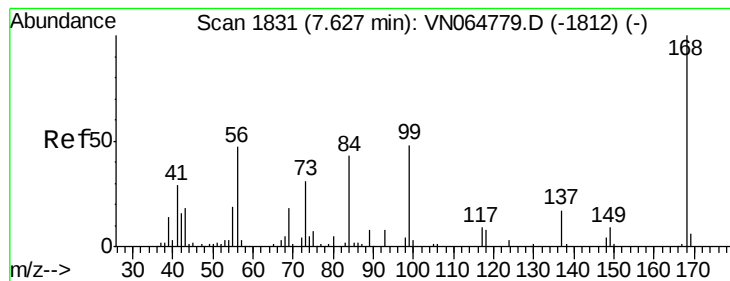
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112320\
Data File : VN064787.D
Acq On : 23 Nov 2020 16:45
Operator : JC/MD
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Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064787.D

Acq: 23 Nov 2020 16:45

Instrument :

MSVOA_N

ClientSampled :

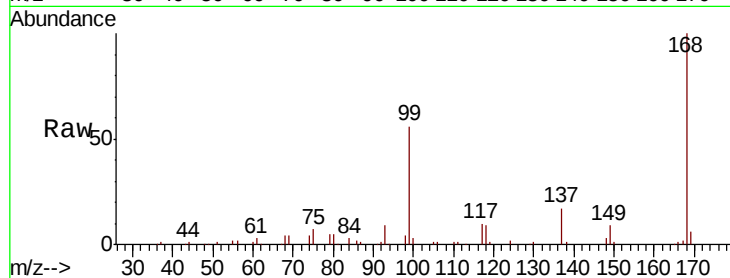
MW-4DL

Tot Ion:168 Resp: 132855

Ion Ratio Lower Upper

168 100

99 55.9 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

60000

50000

40000

30000

20000

10000

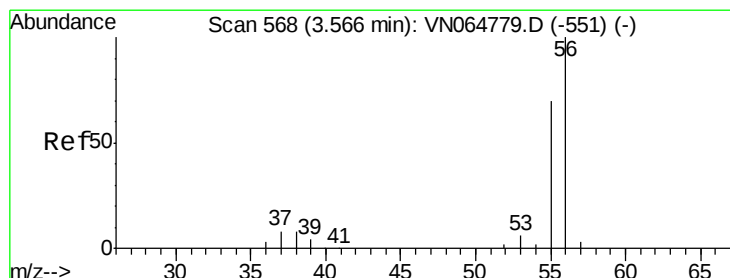
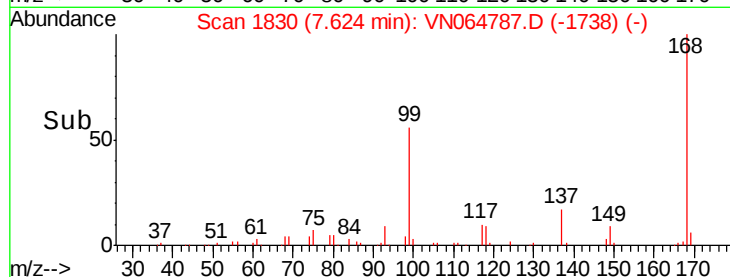
0

Time-->

7.50

7.60

7.70



#13

Acrolein

Concen: 0.231 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064787.D

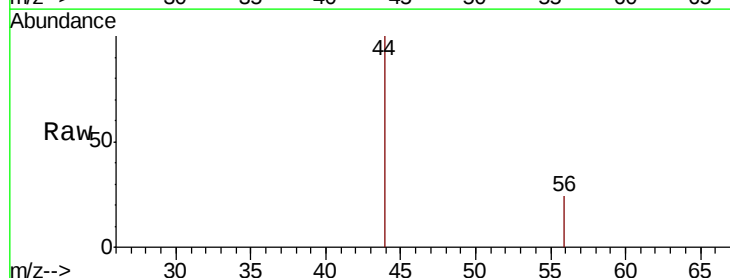
Acq: 23 Nov 2020 16:45

Tgt Ion: 56 Resp: 34

Ion Ratio Lower Upper

56 100

55 285.3 56.5 84.7#



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 55.00 (54.70 to 55.70): VN

3.56

200

150

100

50

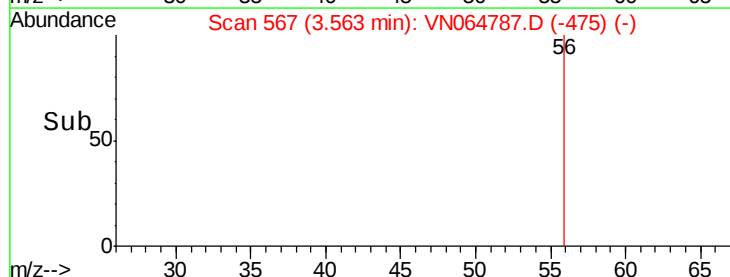
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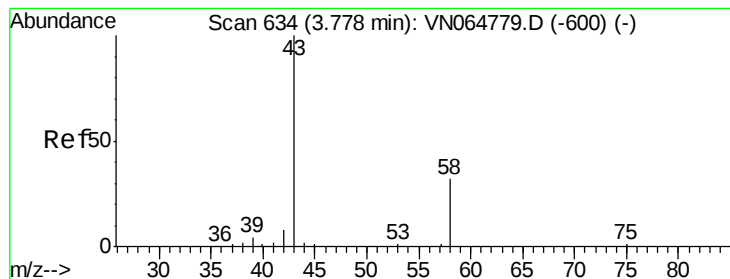
Time-->

3.56

3.56

3.57





#16

Acetone

Concen: 1.040 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064787.D

Acq: 23 Nov 2020 16:45

Instrument :

MSVOA_N

ClientSampled :

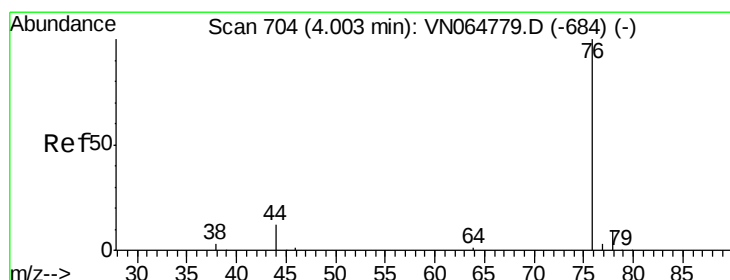
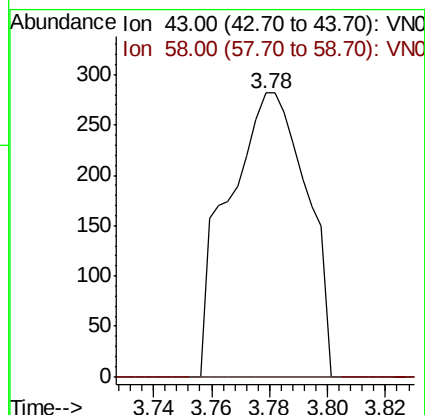
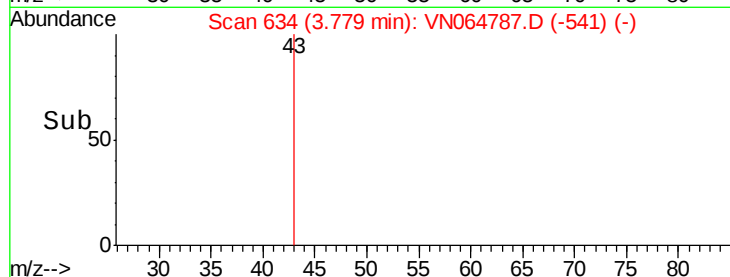
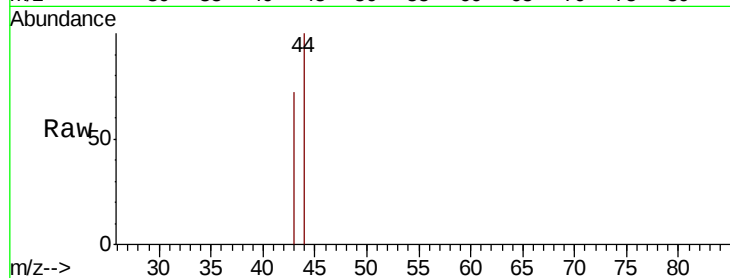
MW-4DL

Tot Ion: 43 Resp: 528

Ion Ratio Lower Upper

43 100

58 0.0 25.7 38.5#



#17

Carbon Disulfide

Concen: 0.468 ug/l

RT: 4.00 min Scan# 704

Delta R.T. 0.00 min

Lab File: VN064787.D

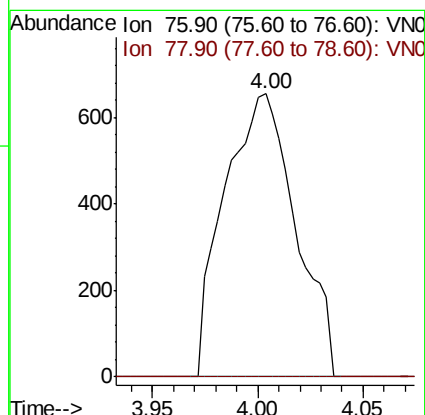
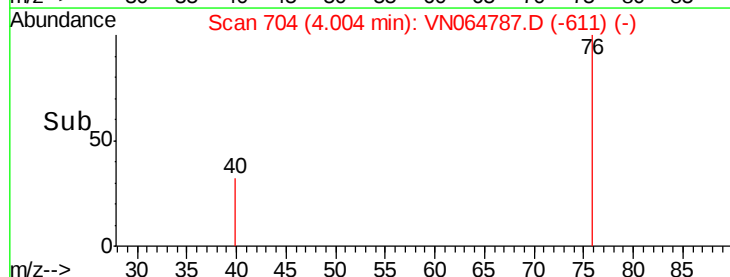
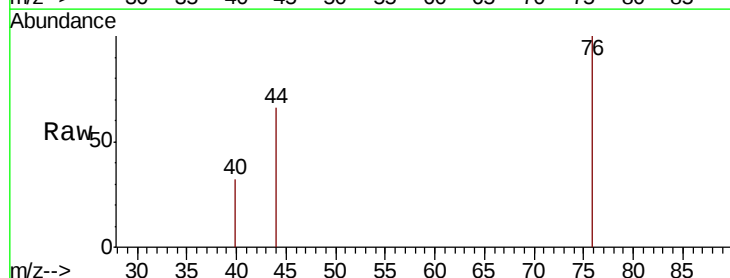
Acq: 23 Nov 2020 16:45

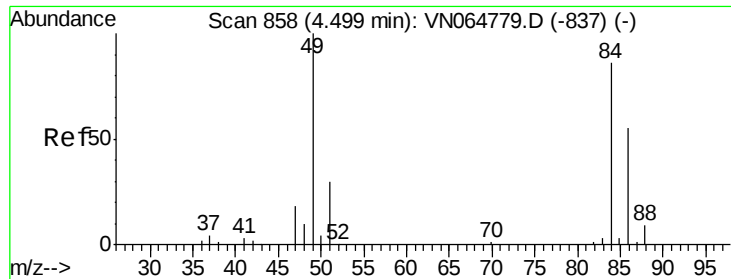
Tgt Ion: 76 Resp: 1538

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#

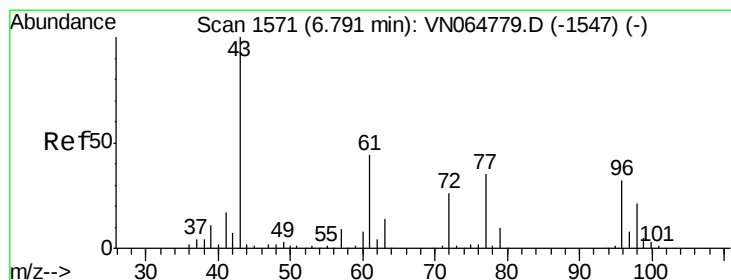
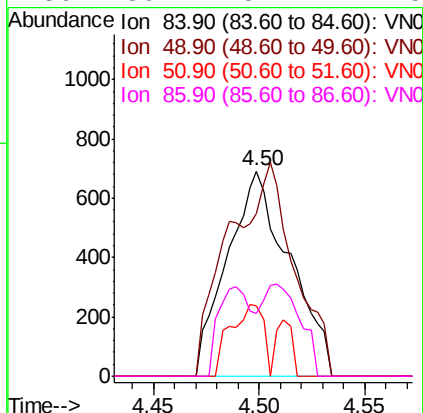
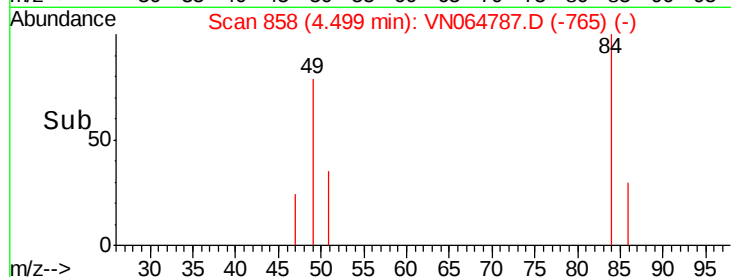
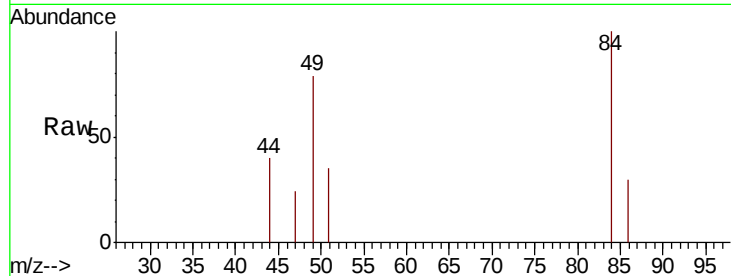




#20
Methvlene Chloride
Concen: 0.889 ug/l
RT: 4.50 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN064787.D
Acq: 23 Nov 2020 16:45

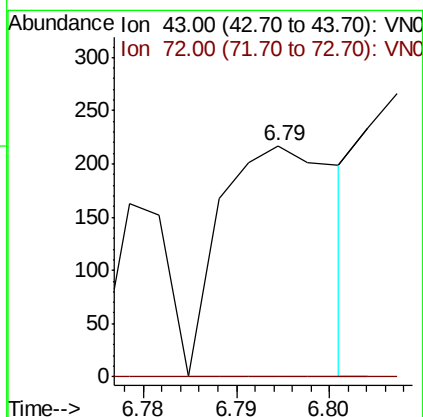
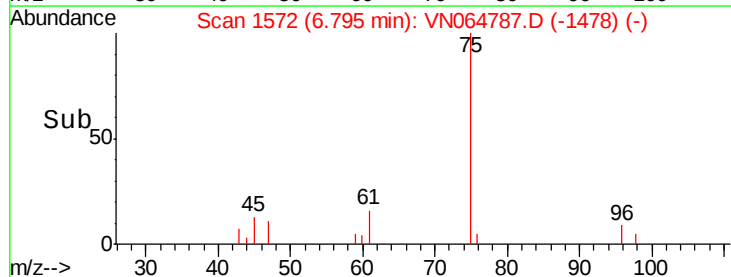
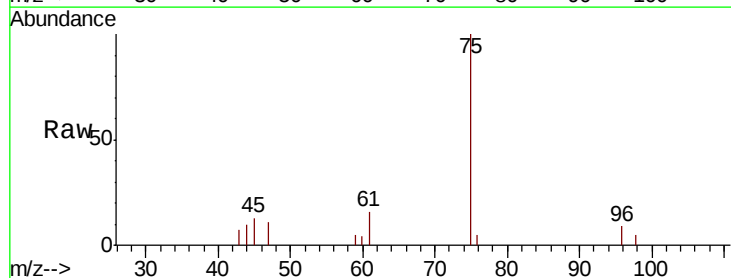
Instrument :
MSVOA_N
ClientSampled :
MW-4DL

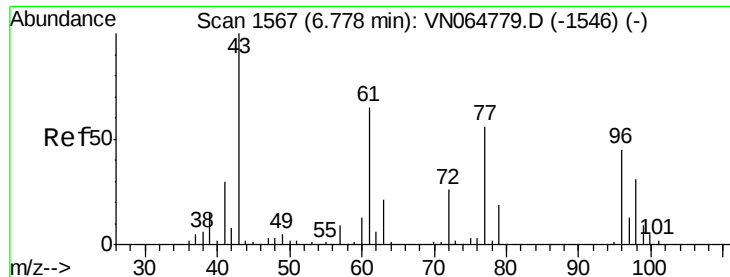
Tot Ion: 84 Resp: 1415
Ion Ratio Lower Upper
84 100
49 79.2 93.4 140.0#
51 34.6 28.2 42.4
86 30.4 51.7 77.5#



#25
2-Butanone
Concen: 0.231 ug/l
RT: 6.79 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN064787.D
Acq: 23 Nov 2020 16:45

Tgt Ion: 43 Resp: 190
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.6#





#27

cis-1,2-Dichloroethene

Concen: 0.657 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064787.D

Acq: 23 Nov 2020 16:45

Instrument :

MSVOA_N

ClientSampleId :

MW-4DL

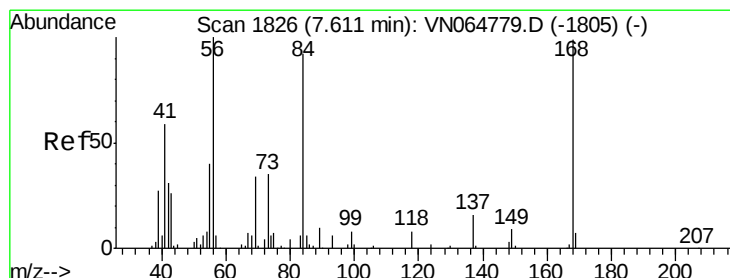
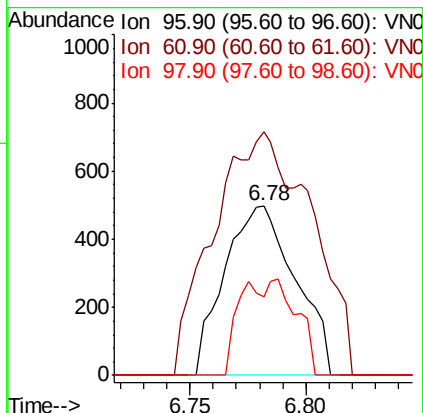
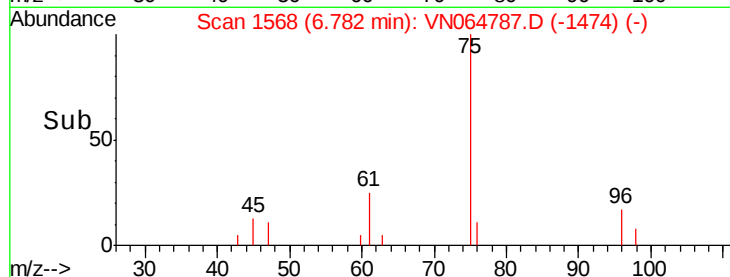
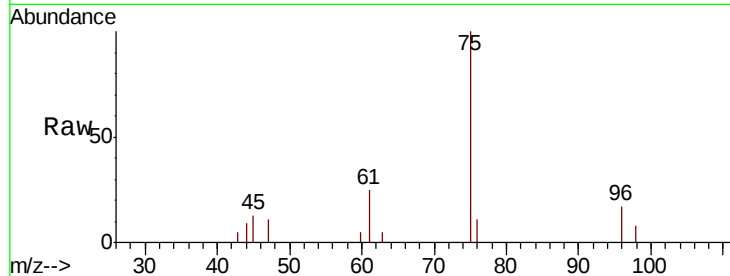
Tot Ion: 96 Resp: 1058

Ion Ratio Lower Upper

96 100

61 198.2 0.0 285.8

98 21.1 0.0 130.6



#31

Cyclohexane

Concen: 1.192 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN064787.D

Acq: 23 Nov 2020 16:45

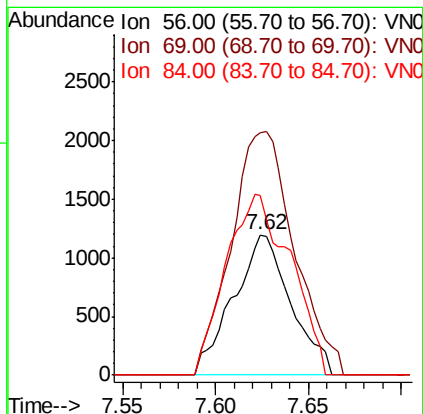
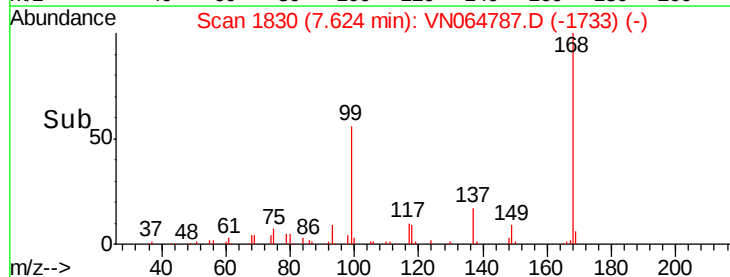
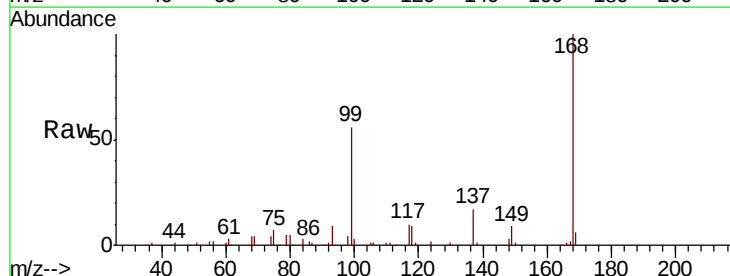
Tgt Ion: 56 Resp: 2567

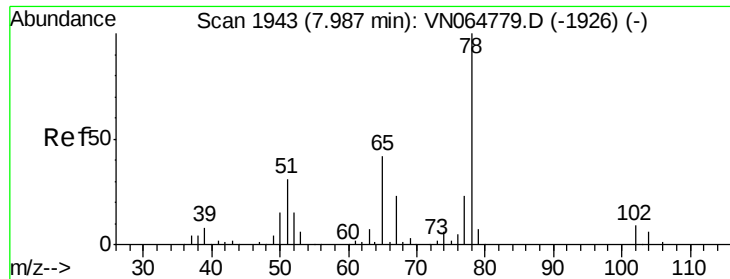
Ion Ratio Lower Upper

56 100

69 172.8 27.5 41.3#

84 127.7 73.9 110.9#





#33

1,2-Dichloroethane-d4

Concen: 54.523 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064787.D

Acq: 23 Nov 2020 16:45

Instrument :

MSVOA_N

ClientSampleId :

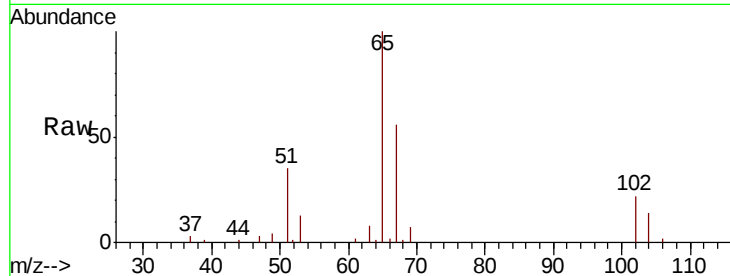
MW-4DL

Tot Ion: 65 Resp: 84213

Ion Ratio Lower Upper

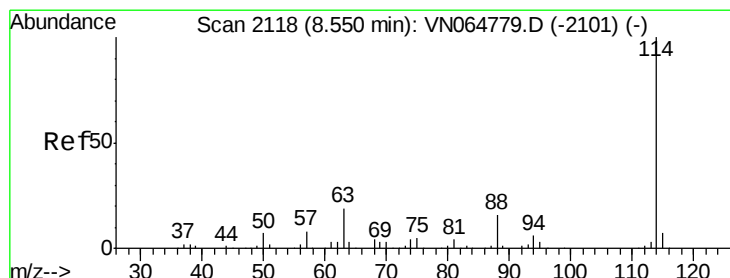
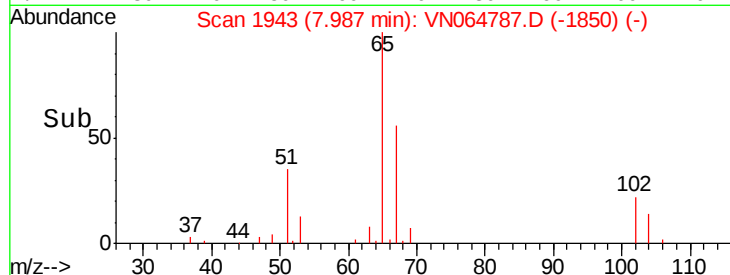
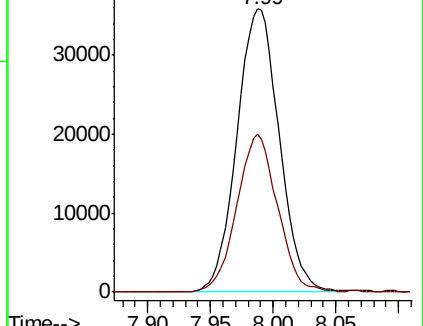
65 100

67 53.6 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN064787.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN064787.D (-1926) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064787.D

Acq: 23 Nov 2020 16:45

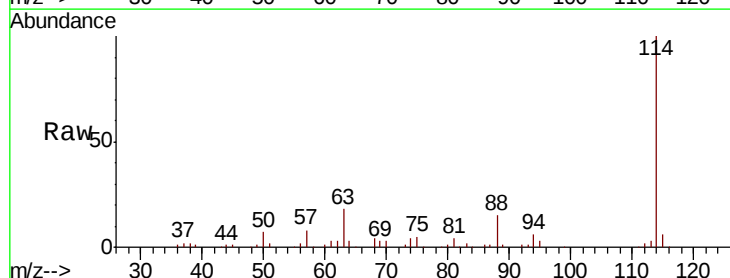
Tgt Ion: 114 Resp: 237505

Ion Ratio Lower Upper

114 100

63 18.0 0.0 38.6

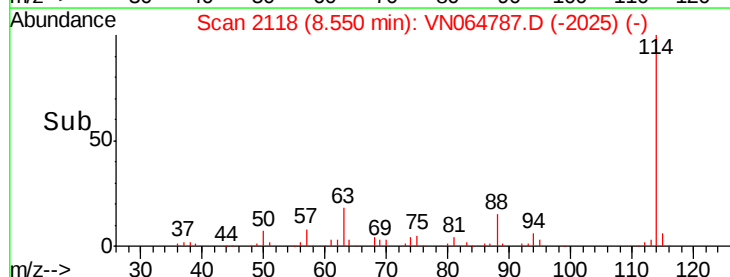
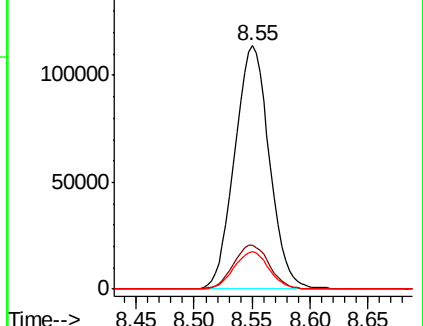
88 15.5 0.0 32.6

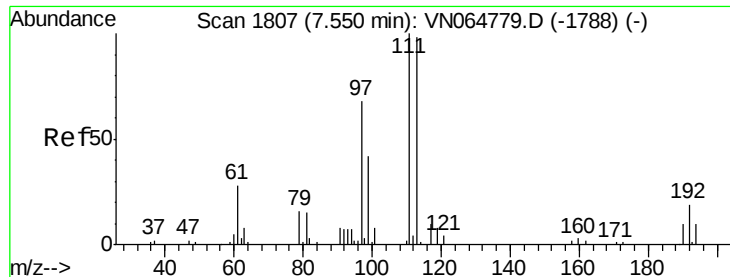


Abundance Ion 113.90 (113.60 to 114.60): VN064787.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN064787.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN064787.D (-2101) (-)

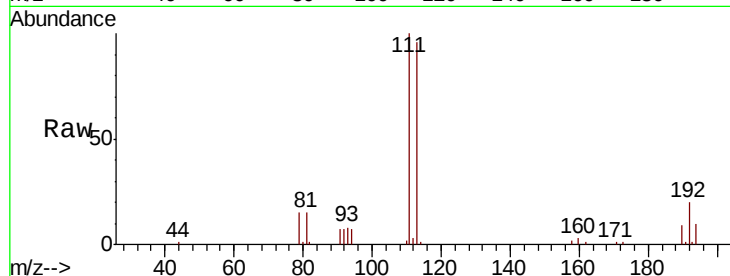




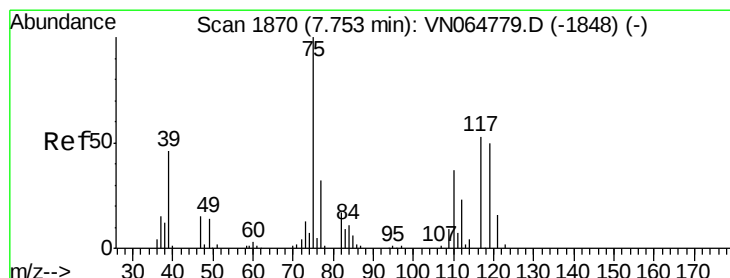
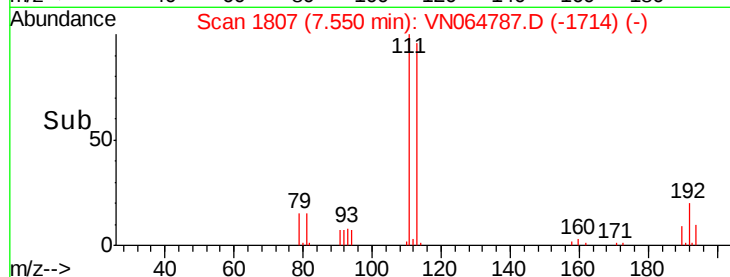
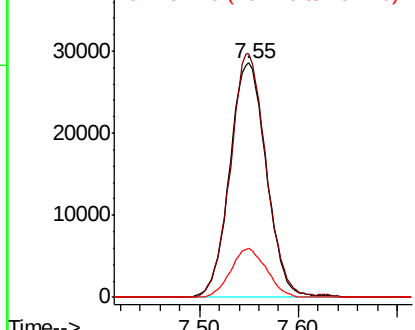
#35
 Dibromofluoromethane
 Concen: 51.880 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064787.D
 Acq: 23 Nov 2020 16:45

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4DL

Tot Ion:113 Resp: 73730
 Ion Ratio Lower Upper
 113 100
 111 101.1 81.6 122.4
 192 20.3 16.2 24.2

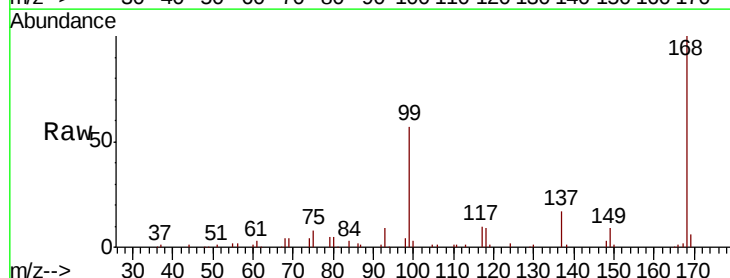


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

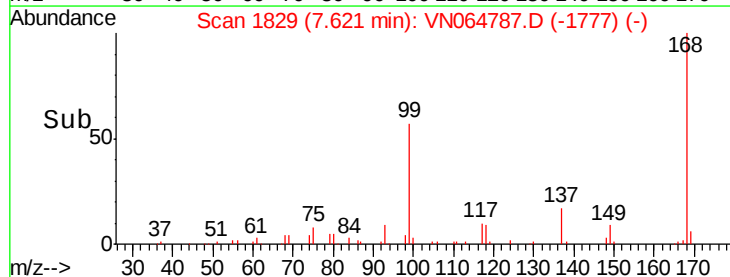
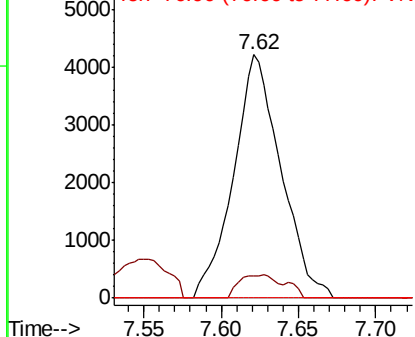


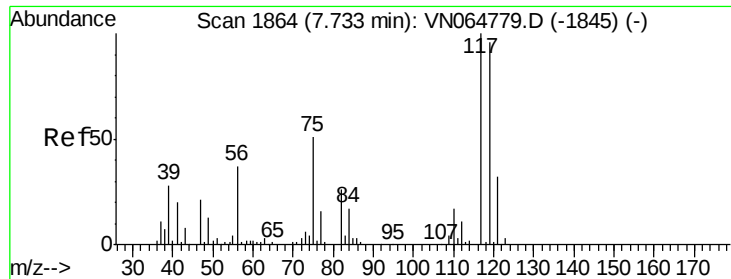
#36
 1,1-Dichloropropene
 Concen: 4.081 ug/l
 RT: 7.62 min Scan# 1829
 Delta R.T. -0.13 min
 Lab File: VN064787.D
 Acq: 23 Nov 2020 16:45

Tgt Ion: 75 Resp: 8985
 Ion Ratio Lower Upper
 75 100
 110 7.6 17.8 53.3#
 77 0.0 25.0 37.4#



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





#38

Carbon Tetrachloride

Concen: 5.455 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN064787.D

Acq: 23 Nov 2020 16:45

Instrument :

MSVOA_N

ClientSampleId :

MW-4DL

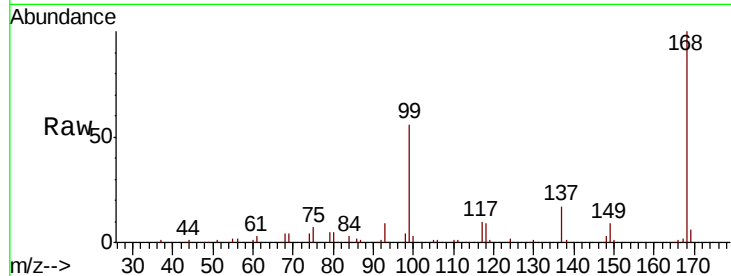
Tot Ion:117 Resp: 12495

Ion Ratio Lower Upper

117 100

119 7.7 76.7 115.1#

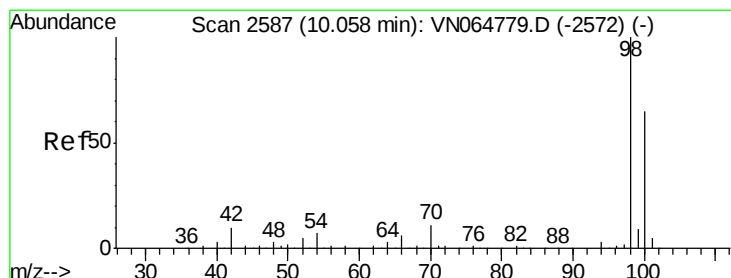
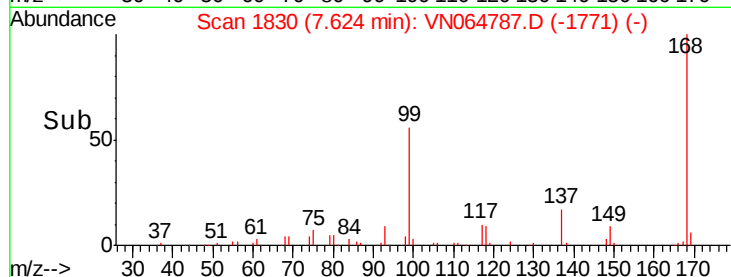
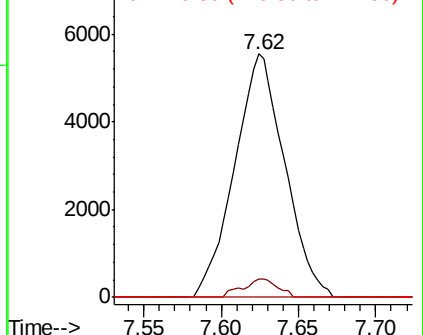
121 0.0 25.4 38.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 50.938 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064787.D

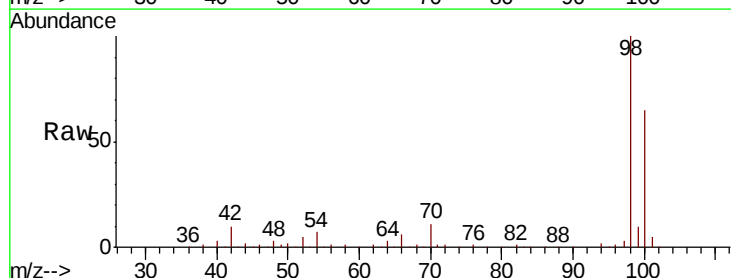
Acq: 23 Nov 2020 16:45

Tgt Ion: 98 Resp: 295783

Ion Ratio Lower Upper

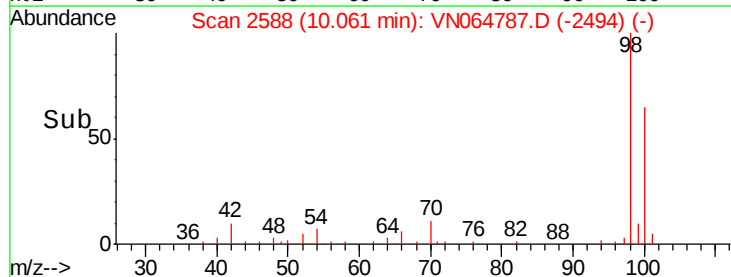
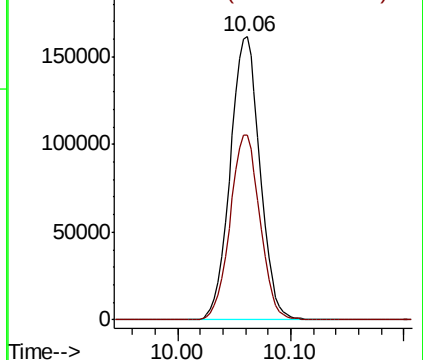
98 100

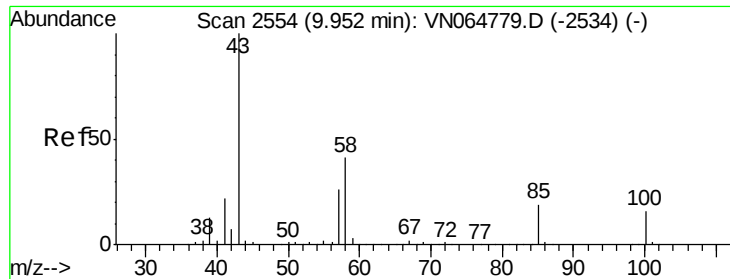
100 65.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#51

4-Methyl-2-Pentanone

Concen: 0.306 ug/l

RT: 9.96 min Scan# 2557

Delta R.T. 0.01 min

Lab File: VN064787.D

Acq: 23 Nov 2020 16:45

Instrument :

MSVOA_N

ClientSampleId :

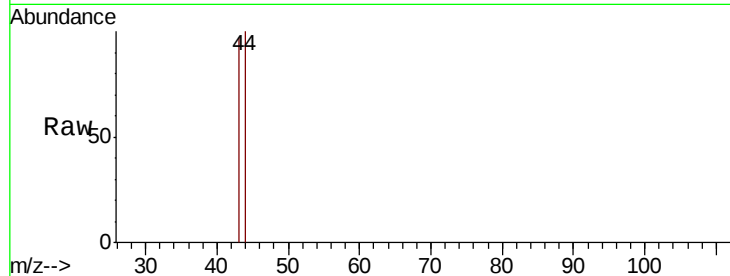
MW-4DL

Tot Ion: 43 Resp: 627

Ion Ratio Lower Upper

43 100

58 0.0 32.4 48.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.96

400

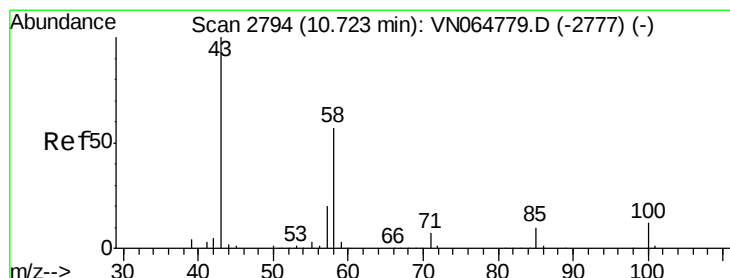
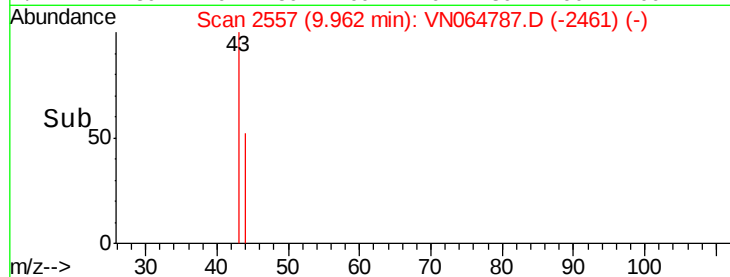
300

200

100

0

Time-->



#59

2-Hexanone

Concen: 0.223 ug/l

RT: 10.73 min Scan# 2797

Delta R.T. 0.01 min

Lab File: VN064787.D

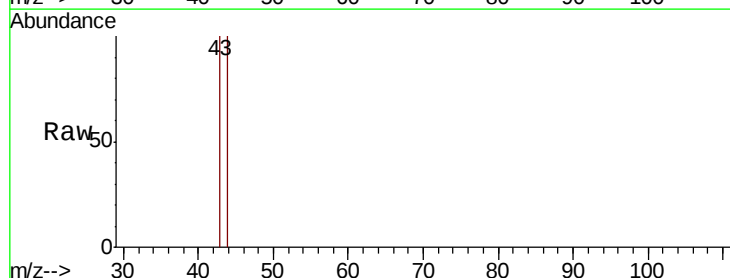
Acq: 23 Nov 2020 16:45

Tgt Ion: 43 Resp: 329

Ion Ratio Lower Upper

43 100

58 0.0 28.3 84.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10.73

300

250

200

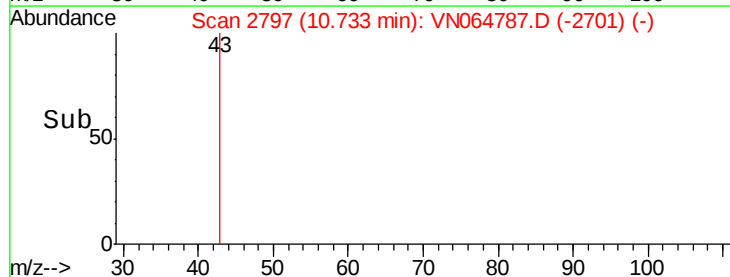
150

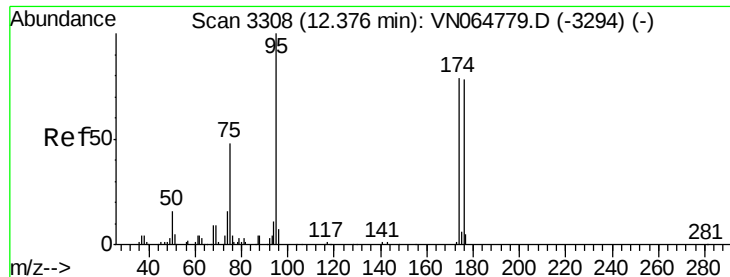
100

50

0

Time-->





#62

4-Bromofluorobenzene

Concen: 59.631 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064787.D

Acq: 23 Nov 2020 16:45

Instrument :

MSVOA_N

ClientSampled :

MW-4DL

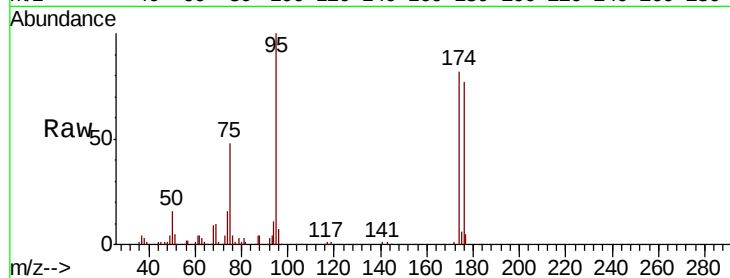
Tot Ion: 95 Resp: 123921

Ion Ratio Lower Upper

95 100

174 82.1 0.0 160.4

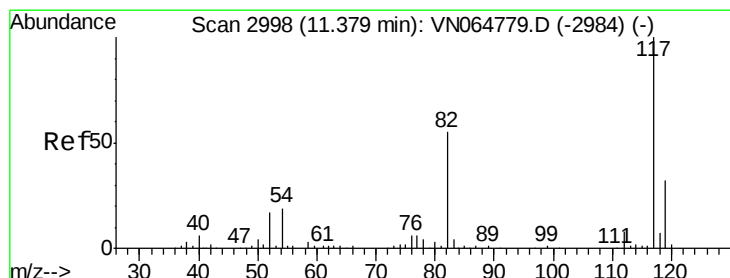
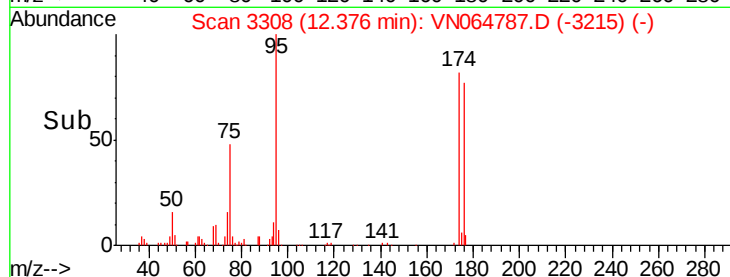
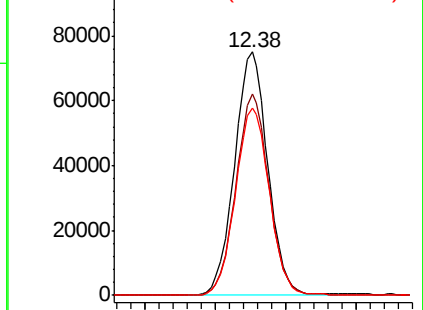
176 78.6 0.0 158.4



Abundance Ion 94.90 (94.60 to 95.60): VN064787.D (-3215) (-)

Ion 173.80 (173.50 to 174.50): VN064787.D (-3215) (-)

Ion 175.80 (175.50 to 176.50): VN064787.D (-3215) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064787.D

Acq: 23 Nov 2020 16:45

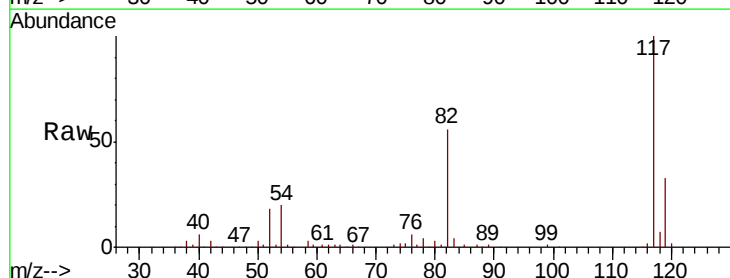
Tgt Ion: 117 Resp: 246084

Ion Ratio Lower Upper

117 100

82 56.3 44.2 66.2

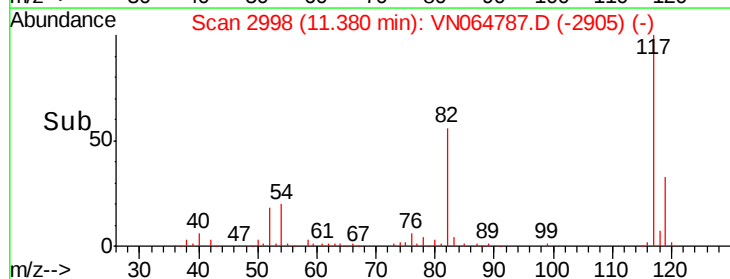
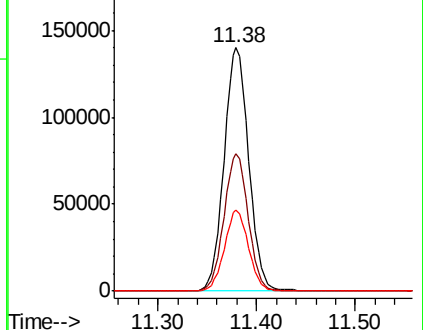
119 33.2 25.8 38.6

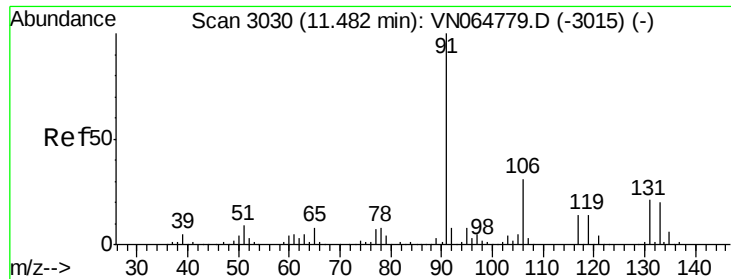


Abundance Ion 116.90 (116.60 to 117.60): VN064787.D (-2905) (-)

Ion 82.00 (81.70 to 82.70): VN064787.D (-2905) (-)

Ion 118.90 (118.60 to 119.60): VN064787.D (-2905) (-)

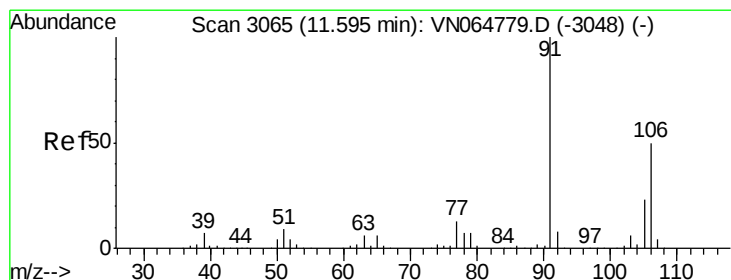
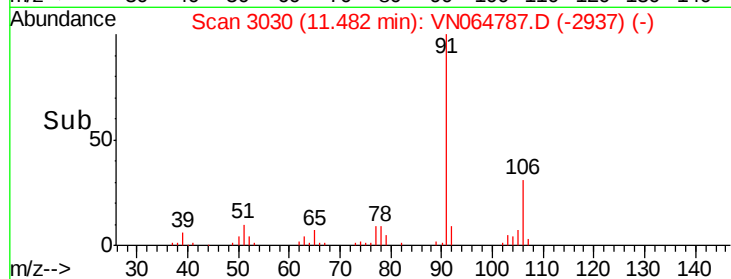
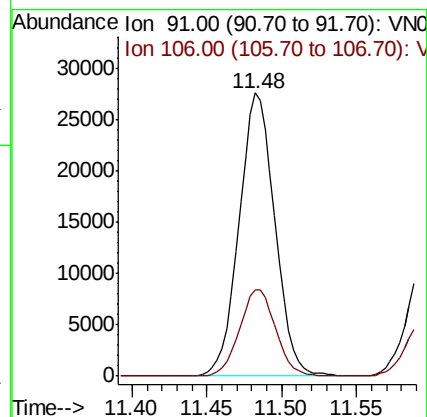
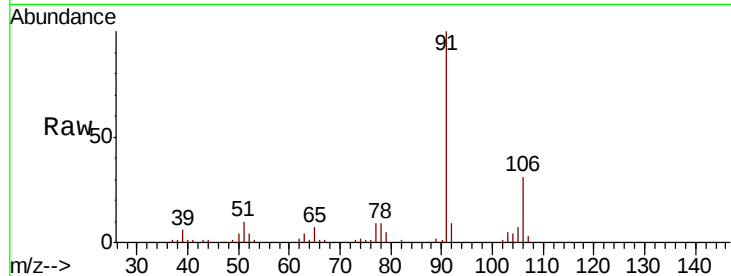




#67
Ethyl Benzene
Concen: 5.205 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064787.D
Acq: 23 Nov 2020 16:45

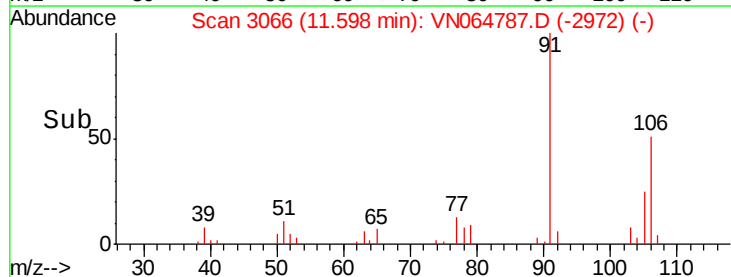
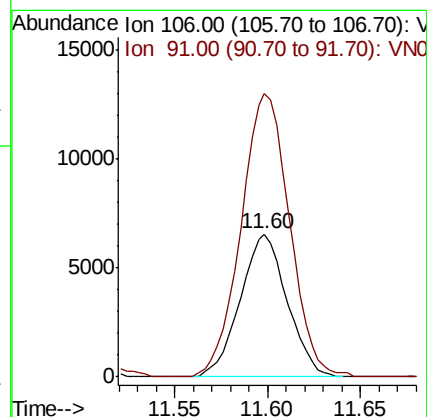
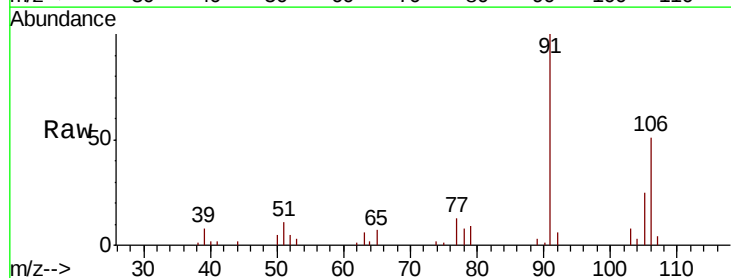
Instrument :
MSVOA_N
ClientSampled :
MW-4DL

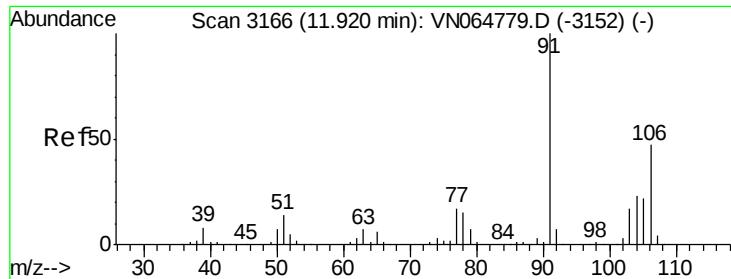
Tot Ion: 91 Resp: 45950
Ion Ratio Lower Upper
91 100
106 30.7 25.2 37.8



#68
m/p-Xylenes
Concen: 3.436 ug/l
RT: 11.60 min Scan# 3066
Delta R.T. 0.00 min
Lab File: VN064787.D
Acq: 23 Nov 2020 16:45

Tgt Ion: 106 Resp: 11483
Ion Ratio Lower Upper
106 100
91 205.3 161.0 241.4

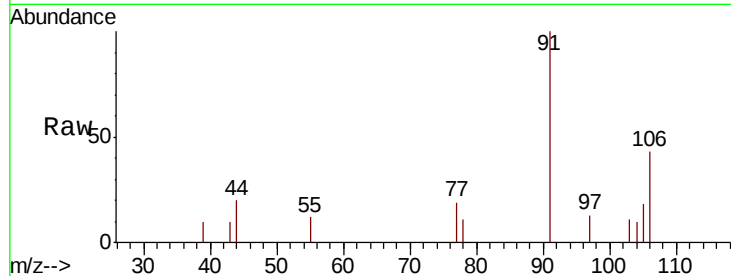




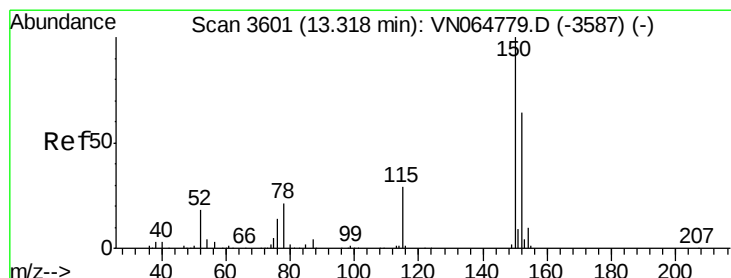
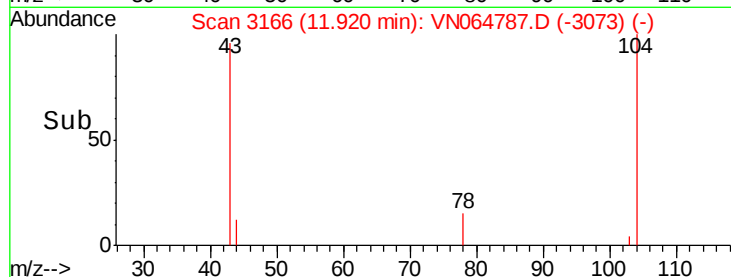
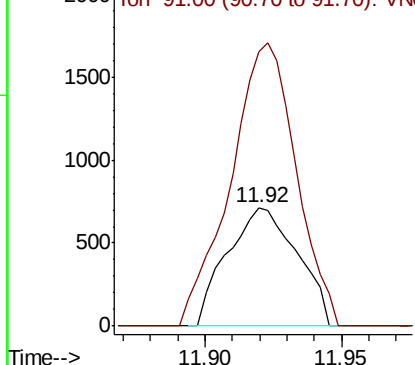
#69
o-Xylene
Concen: 0.400 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064787.D
Acq: 23 Nov 2020 16:45

Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

Tot Ion:106 Resp: 1270
Ion Ratio Lower Upper
106 100
91 223.7 105.5 316.5

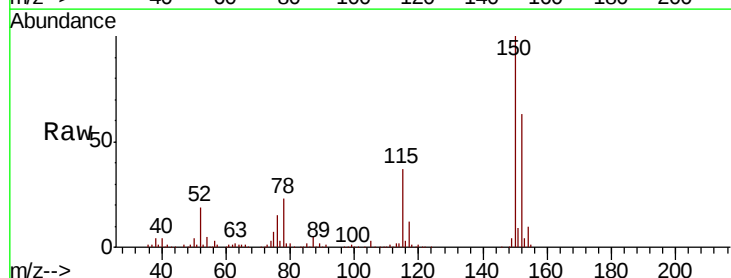


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

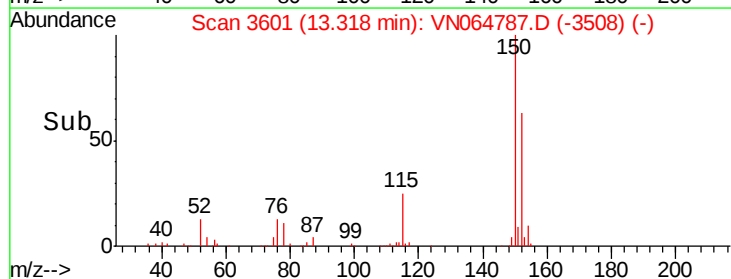
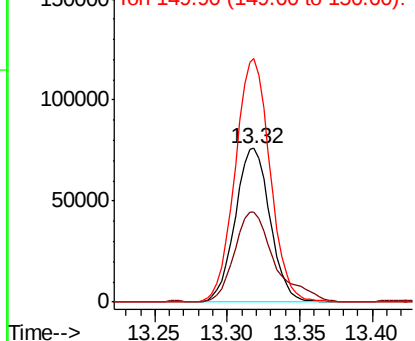


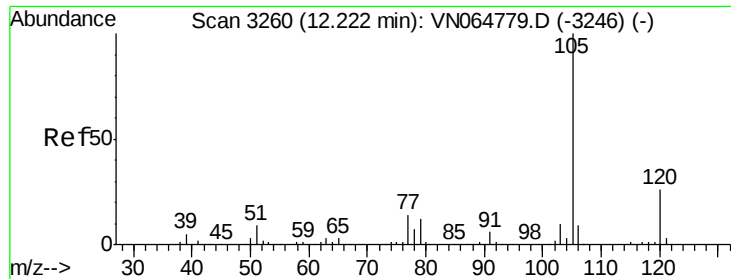
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064787.D
Acq: 23 Nov 2020 16:45

Tgt Ion:152 Resp: 127156
Ion Ratio Lower Upper
152 100
115 67.6 29.7 89.1
150 158.3 0.0 350.6



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





#73

Isopropylbenzene

Concen: 5.935 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064787.D

Acq: 23 Nov 2020 16:45

Instrument :

MSVOA_N

ClientSampled :

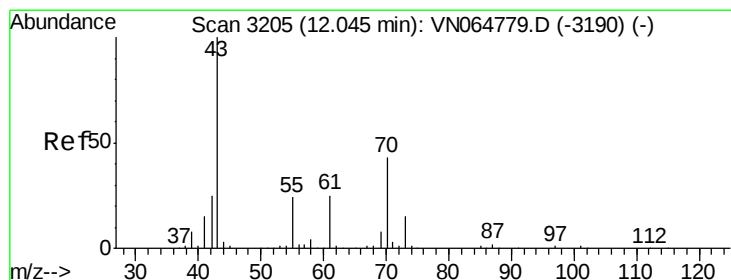
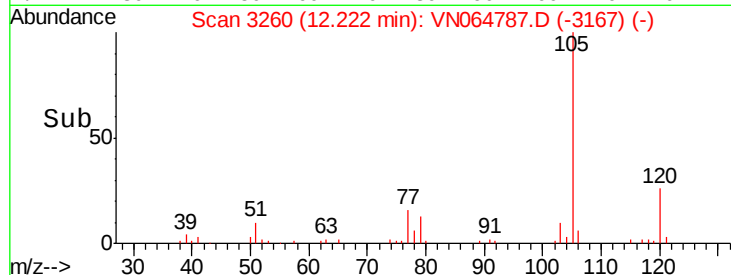
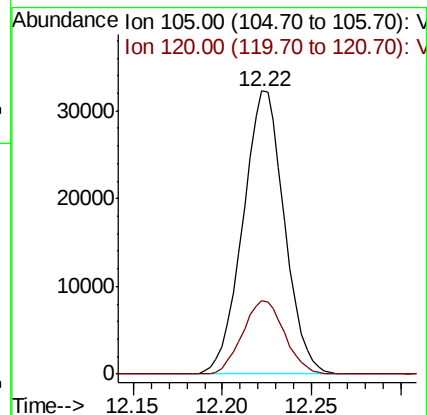
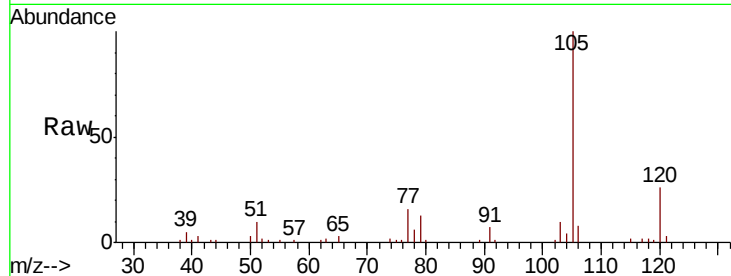
MW-4DL

Tot Ion:105 Resp: 52496

Ion Ratio Lower Upper

105 100

120 26.2 13.3 39.9



#74

N-ethyl acetate

Concen: 0.352 ug/l

RT: 12.02 min Scan# 3197

Delta R.T. -0.03 min

Lab File: VN064787.D

Acq: 23 Nov 2020 16:45

Tgt Ion: 43 Resp: 1226

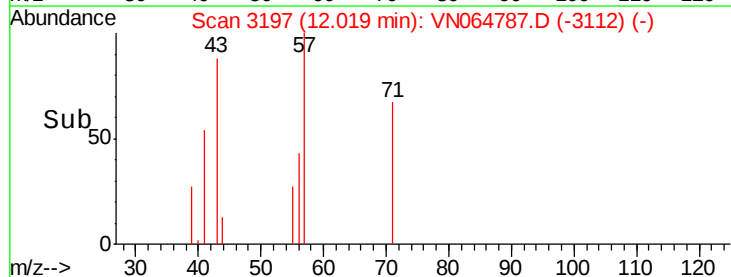
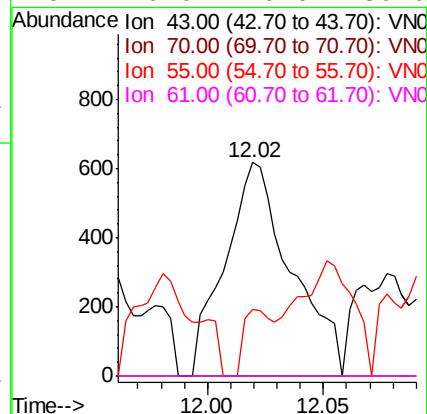
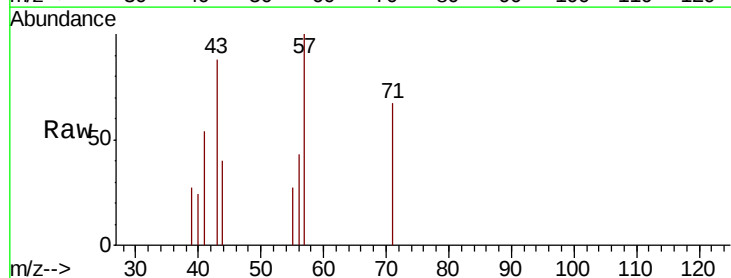
Ion Ratio Lower Upper

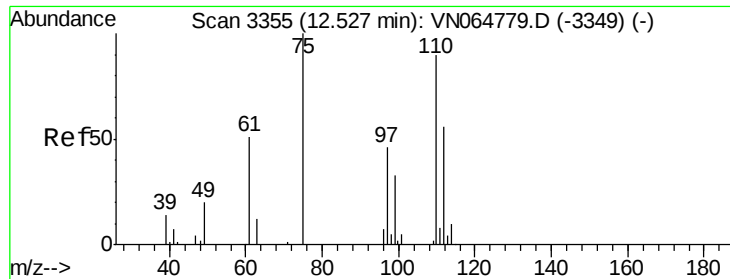
43 100

70 0.0 34.5 51.7#

55 13.7 20.4 30.6#

61 0.0 20.0 30.0#





#76

1,2,3-Trichloropropane

Concen: 22.033 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN064787.D

Acq: 23 Nov 2020 16:45

Instrument :

MSVOA_N

ClientSampled :

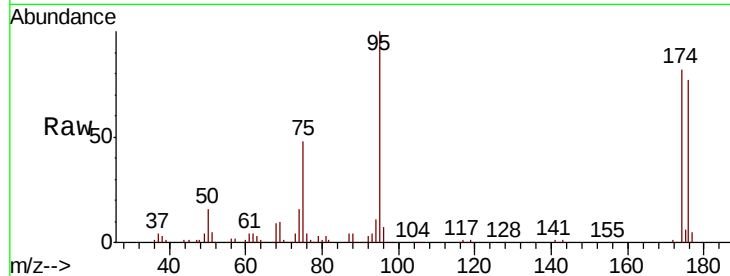
MW-4DL

Tot Ion: 75 Resp: 60335

Ion Ratio Lower Upper

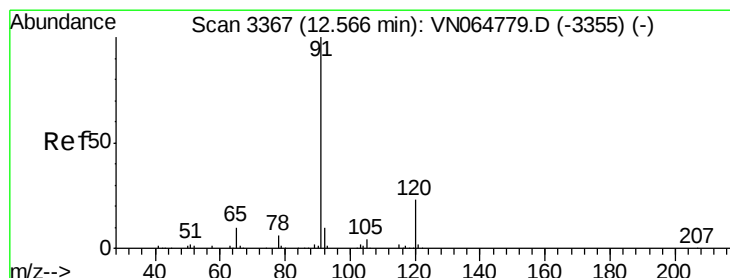
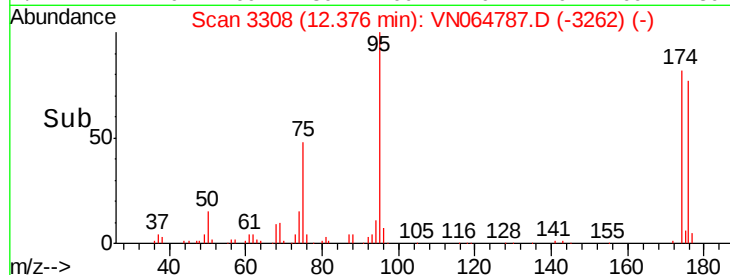
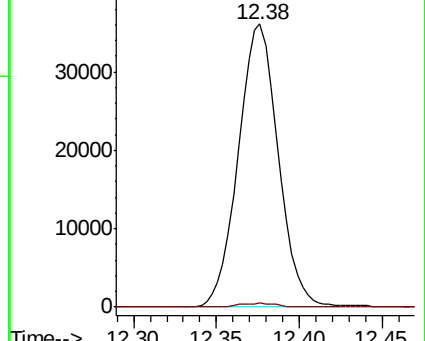
75 100

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



#78

n-propylbenzene

Concen: 9.657 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064787.D

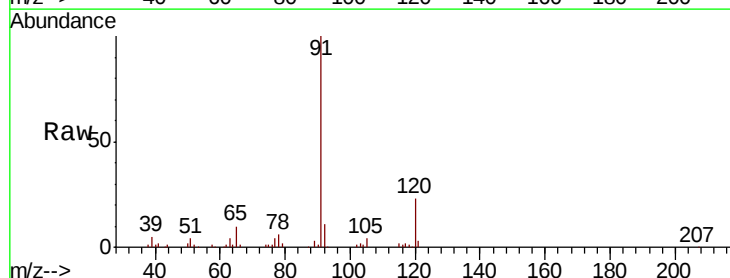
Acq: 23 Nov 2020 16:45

Tgt Ion: 91 Resp: 97299

Ion Ratio Lower Upper

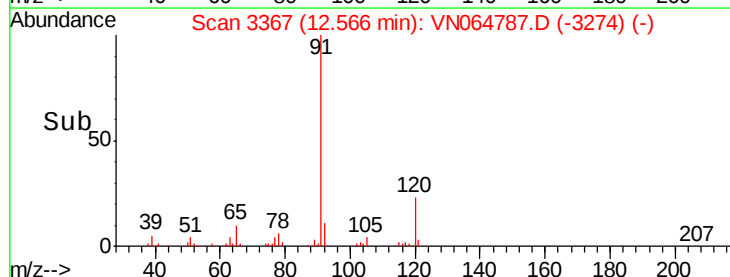
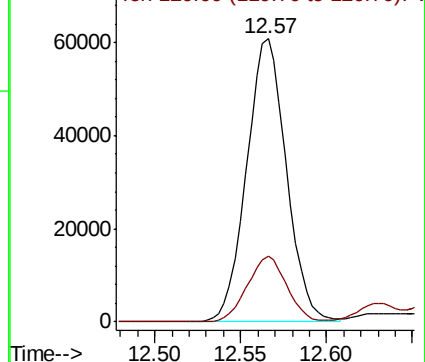
91 100

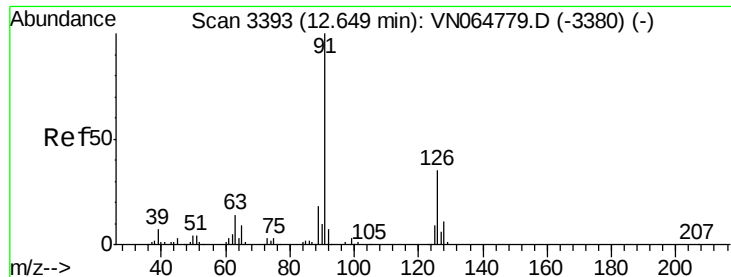
120 22.9 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

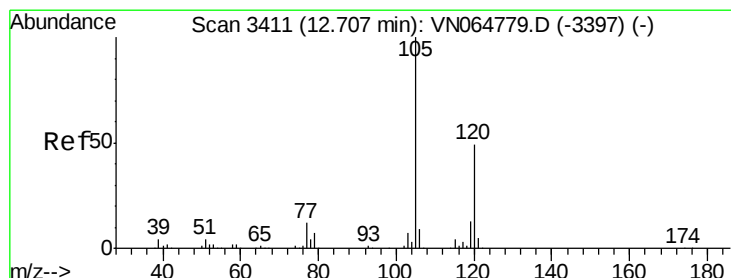
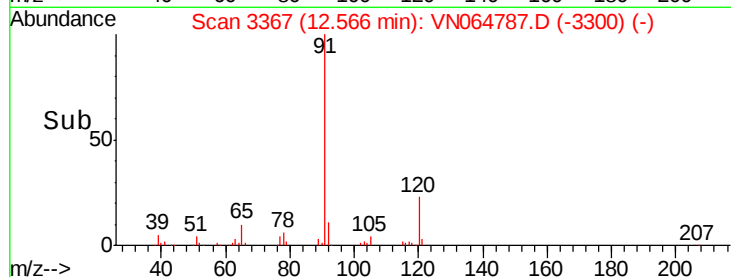
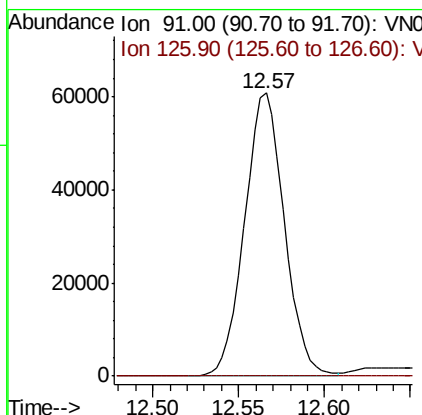
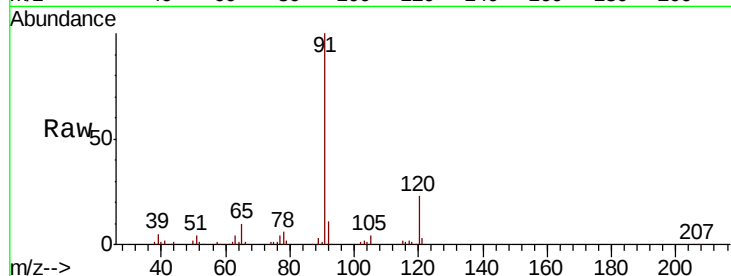




#79
 2-Chlorotoluene
 Concen: 15.622 ug/l
 RT: 12.57 min Scan# 3367
 Delta R.T. -0.08 min
 Lab File: VN064787.D
 Acq: 23 Nov 2020 16:45

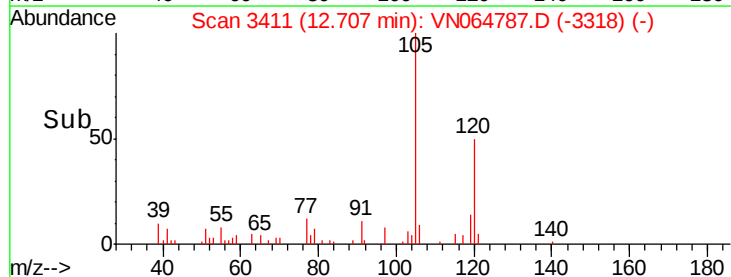
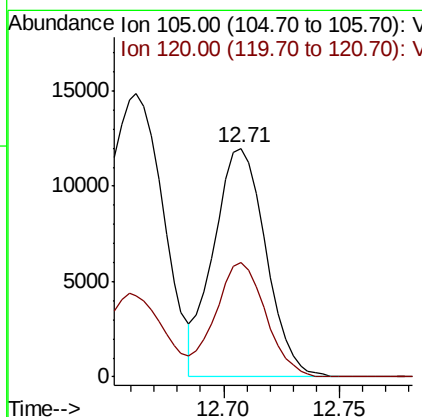
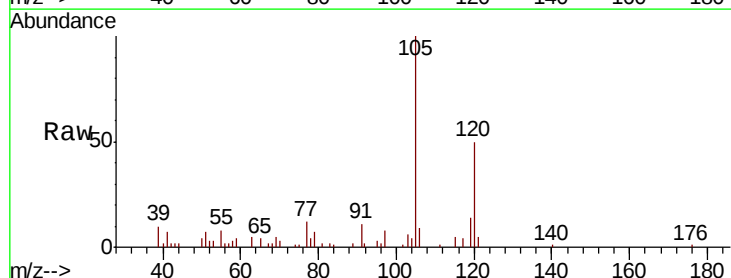
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4DL

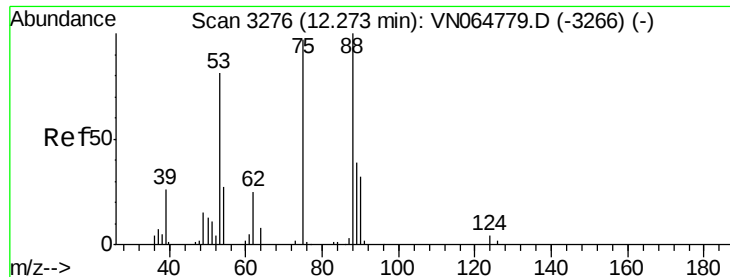
Tot Ion: 91 Resp: 97299
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.2 51.6#



#80
 1,3,5-Trimethylbenzene
 Concen: 2.555 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064787.D
 Acq: 23 Nov 2020 16:45

Tgt Ion: 105 Resp: 18784
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 60.387 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN064787.D

Acq: 23 Nov 2020 16:45

Instrument :

MSVOA_N

ClientSampleId :

MW-4DL

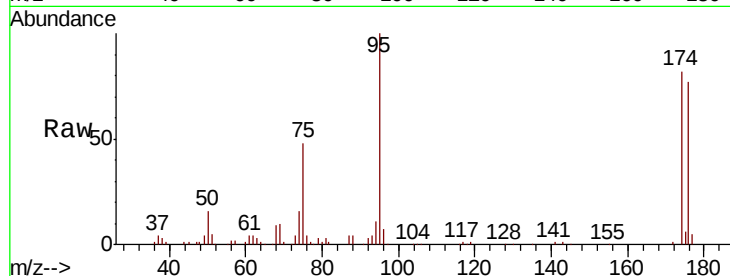
Tot Ion: 75 Resp: 60335

Ion Ratio Lower Upper

75 100

53 0.0 67.0 100.4#

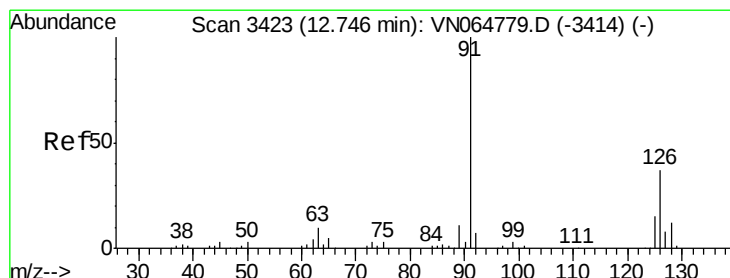
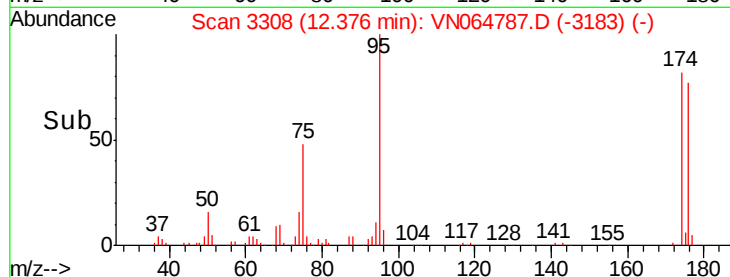
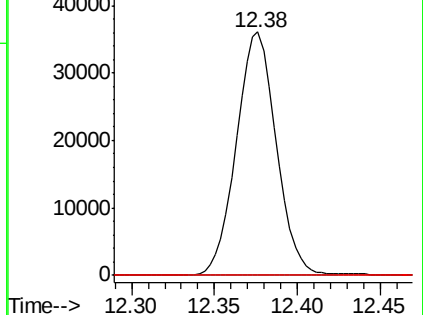
89 0.0 39.6 59.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 0.464 ug/l

RT: 12.86 min Scan# 3459

Delta R.T. 0.12 min

Lab File: VN064787.D

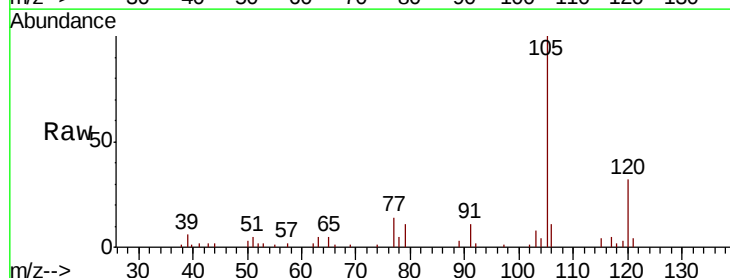
Acq: 23 Nov 2020 16:45

Tgt Ion: 91 Resp: 3026

Ion Ratio Lower Upper

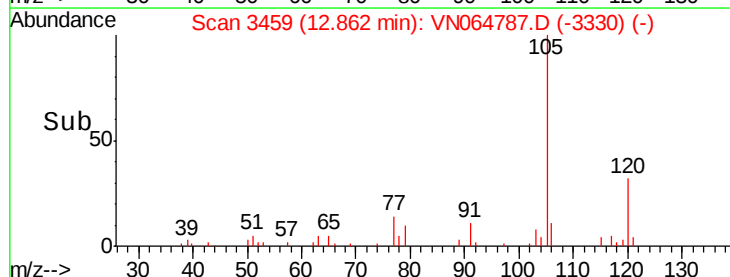
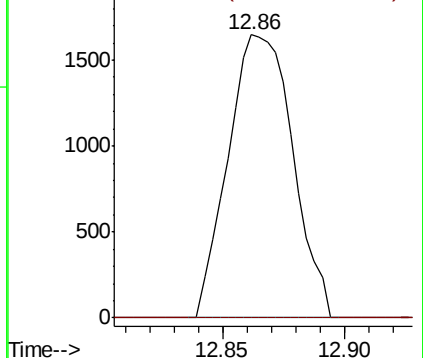
91 100

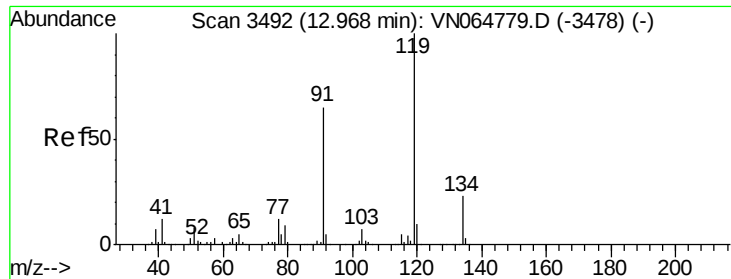
126 0.0 16.9 50.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

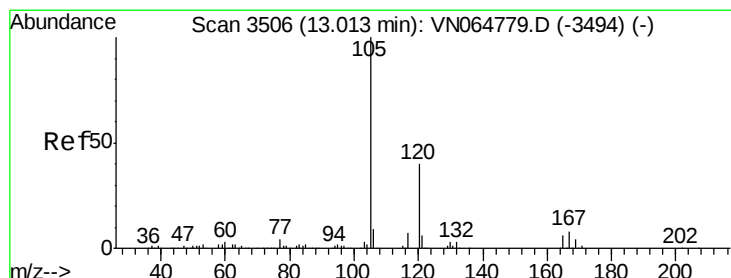
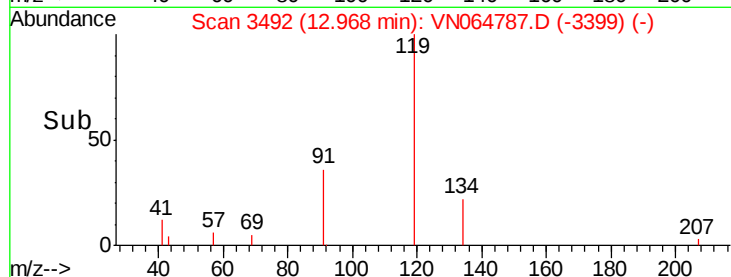
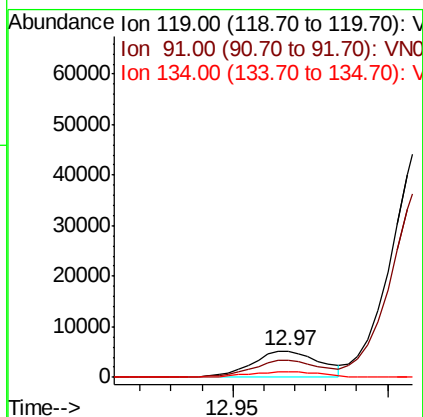
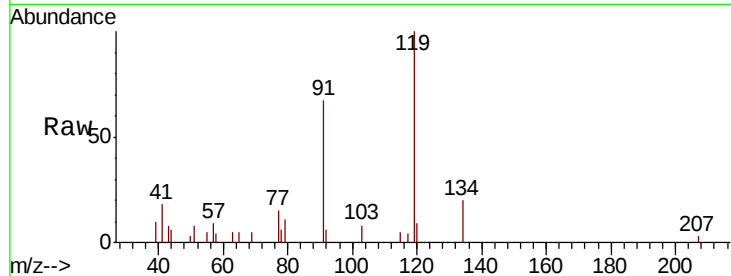




#83
 tert-Butylbenzene
 Concen: 1.277 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064787.D
 Acq: 23 Nov 2020 16:45

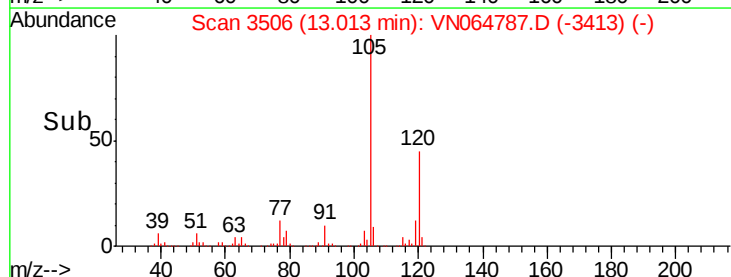
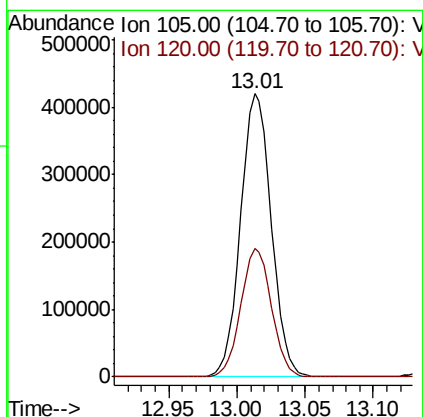
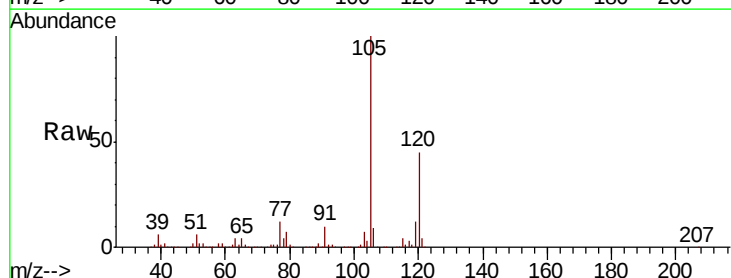
Instrument :
 MSVOA_N
 ClientSampled :
 MW-4DL

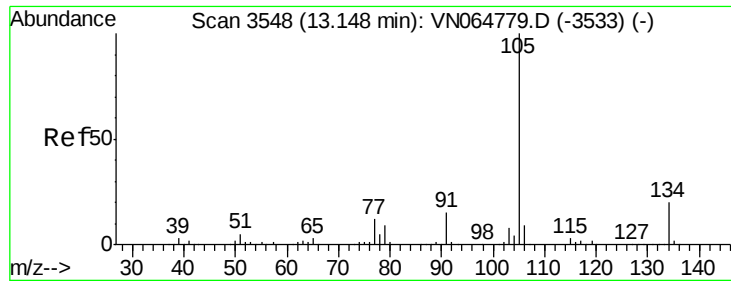
Tot Ion:119 Resp: 7871
 Ion Ratio Lower Upper
 119 100
 91 66.5 32.3 96.8
 134 22.6 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 88.303 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064787.D
 Acq: 23 Nov 2020 16:45

Tgt Ion:105 Resp: 656355
 Ion Ratio Lower Upper
 105 100
 120 45.4 23.1 69.2





#85

sec-Butylbenzene

Concen: 3.871 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064787.D

Acq: 23 Nov 2020 16:45

Instrument :

MSVOA_N

ClientSampled :

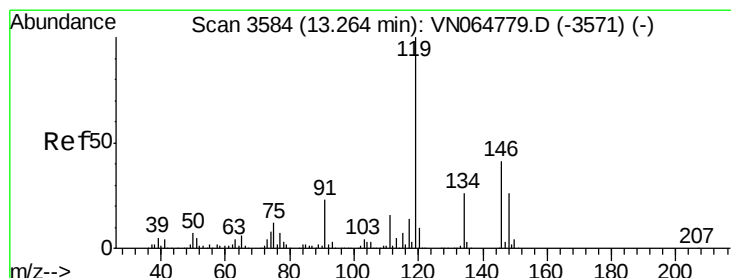
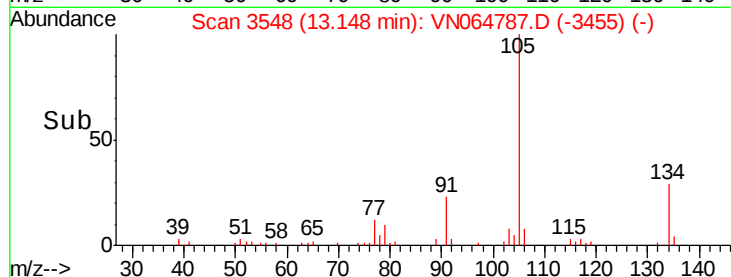
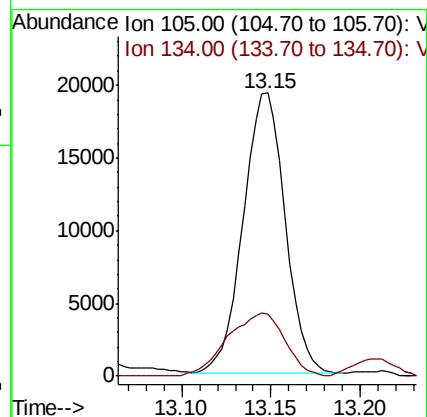
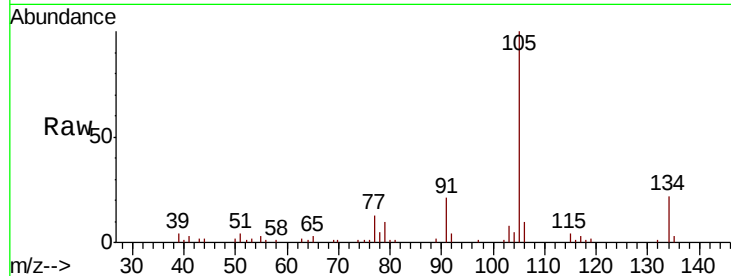
MW-4DL

Tot Ion:105 Resp: 31674

Ion Ratio Lower Upper

105 100

134 30.5 10.1 30.1#



#86

p-Isopropyltoluene

Concen: 1.457 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064787.D

Acq: 23 Nov 2020 16:45

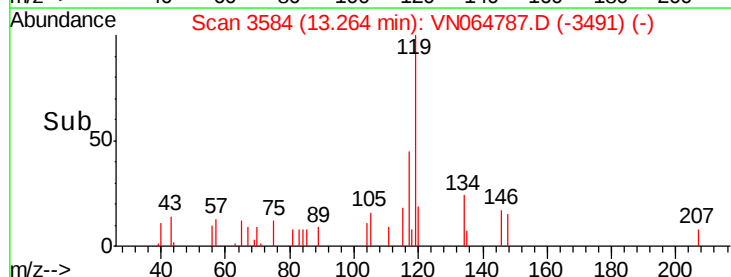
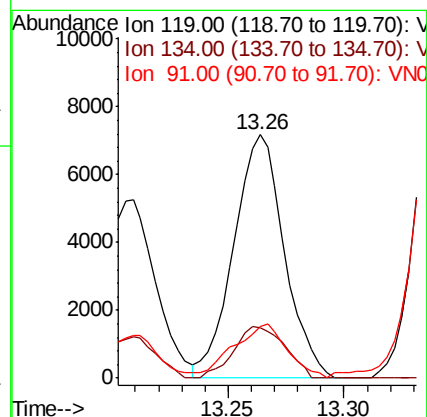
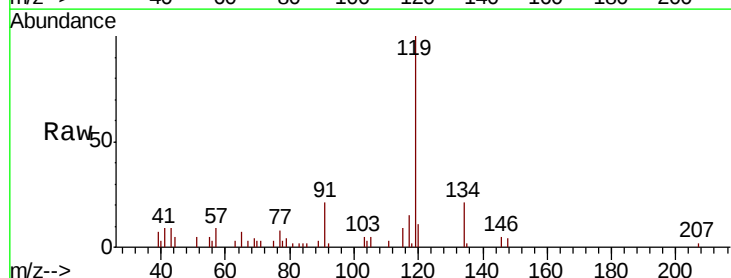
Tgt Ion:119 Resp: 10855

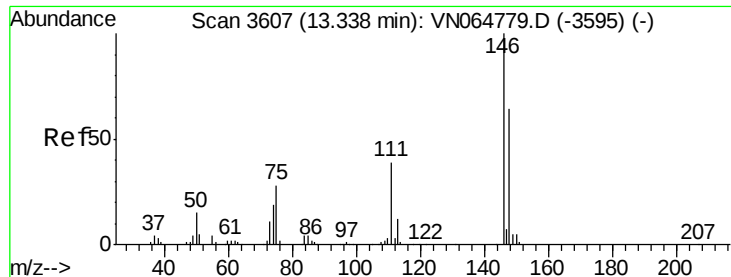
Ion Ratio Lower Upper

119 100

134 21.4 13.1 39.1

91 23.8 11.5 34.5

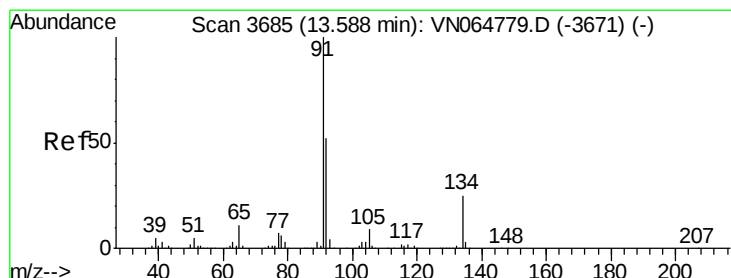
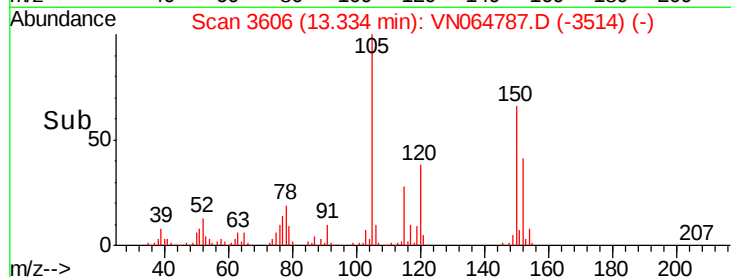
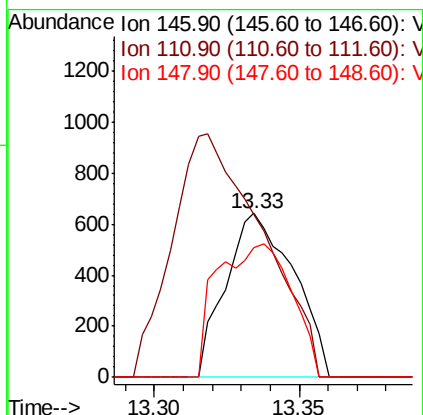
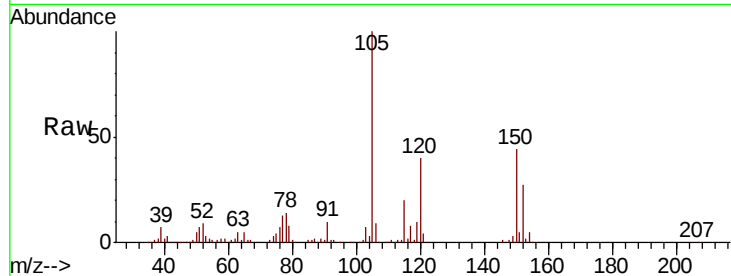




#88
 1,4-Dichlorobenzene
 Concen: 0.233 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064787.D
 Acq: 23 Nov 2020 16:45

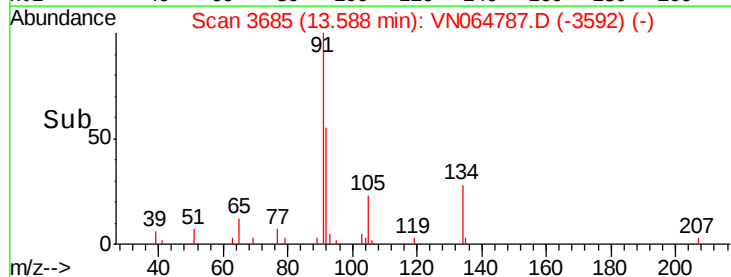
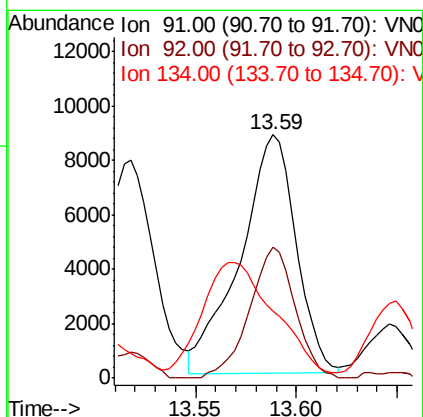
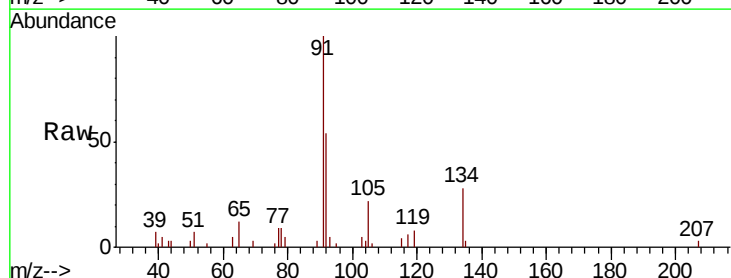
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4DL

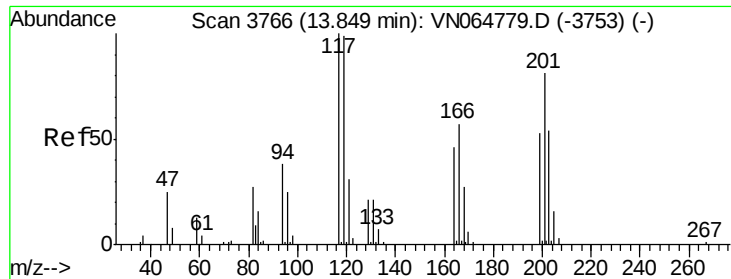
Tot Ion:146 Resp: 1046
 Ion Ratio Lower Upper
 146 100
 111 197.5 19.8 59.3#
 148 89.5 31.9 95.5



#89
 n-Butylbenzene
 Concen: 2.595 ug/l
 RT: 13.59 min Scan# 3685
 Delta R.T. 0.00 min
 Lab File: VN064787.D
 Acq: 23 Nov 2020 16:45

Tgt Ion: 91 Resp: 16973
 Ion Ratio Lower Upper
 91 100
 92 44.8 26.0 78.0
 134 57.8 12.9 38.6#

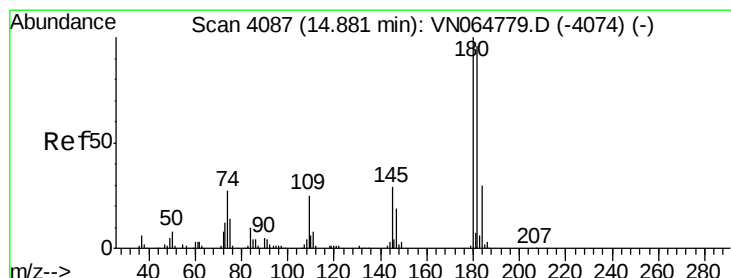
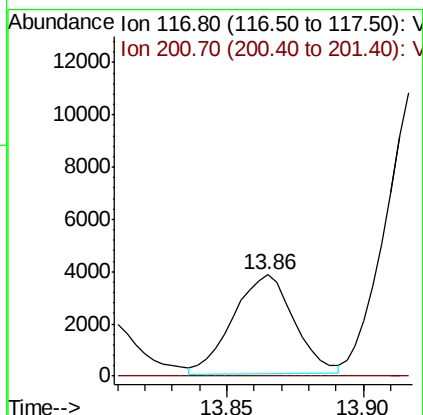
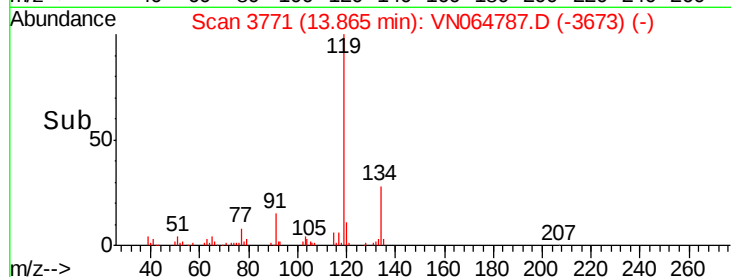
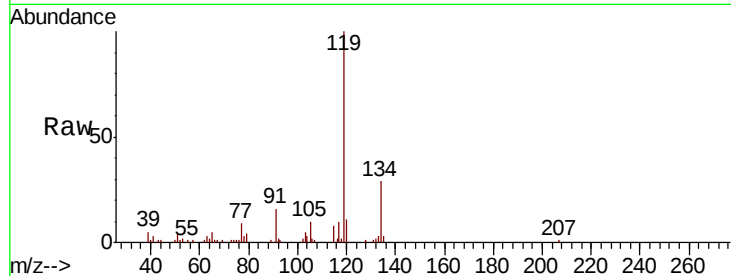




#90
Hexachloroethane
Concen: 4.506 ug/l
RT: 13.86 min Scan# 3771
Delta R.T. 0.02 min
Lab File: VN064787.D
Acq: 23 Nov 2020 16:45

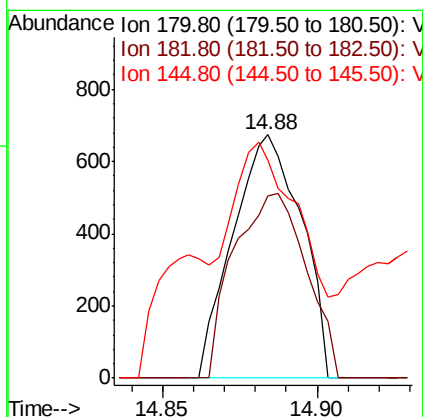
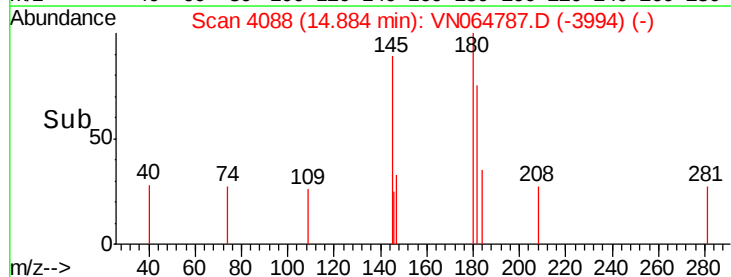
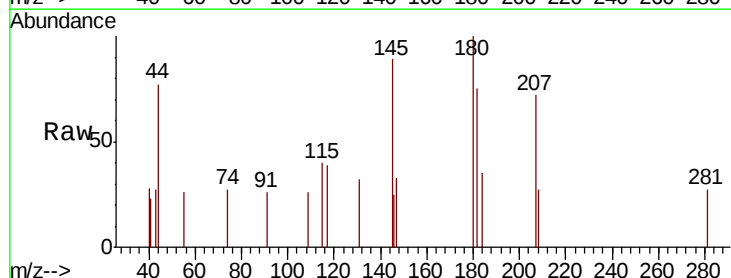
Instrument :
MSVOA_N
ClientSampled :
MW-4DL

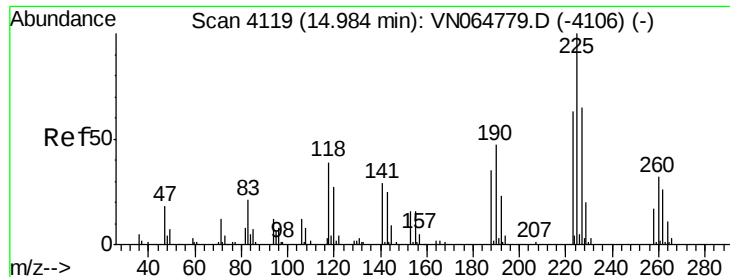
Tot Ion:117 Resp: 5831
Ion Ratio Lower Upper
117 100
201 0.0 40.1 120.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.402 ug/l
RT: 14.88 min Scan# 4088
Delta R.T. 0.00 min
Lab File: VN064787.D
Acq: 23 Nov 2020 16:45

Tgt Ion:180 Resp: 1034
Ion Ratio Lower Upper
180 100
182 80.7 47.6 142.9
145 104.5 15.3 45.8#





#94

Hexachlorobutadiene

Concen: 0.684 ug/l

RT: 14.98 min Scan# 4118

Delta R.T. -0.00 min

Lab File: VN064787.D

Acq: 23 Nov 2020 16:45

Instrument :

MSVOA_N

ClientSampled :

MW-4DL

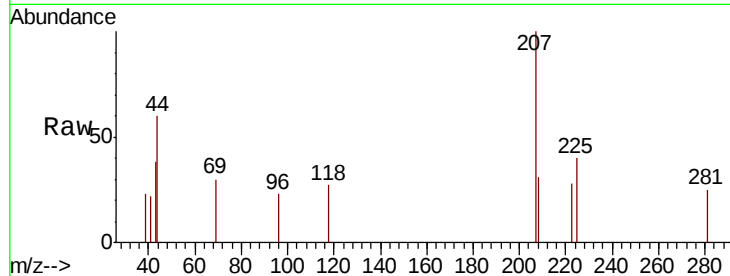
Tot Ion:225 Resp: 364

Ion Ratio Lower Upper

225 100

223 37.4 31.0 93.0

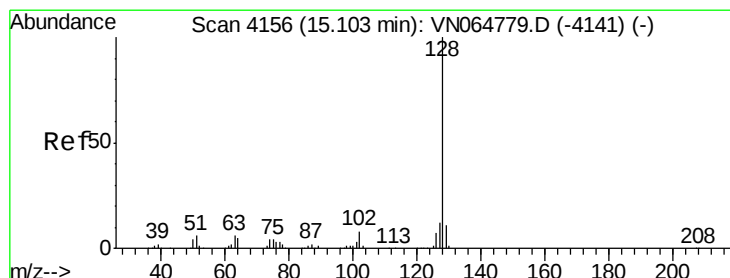
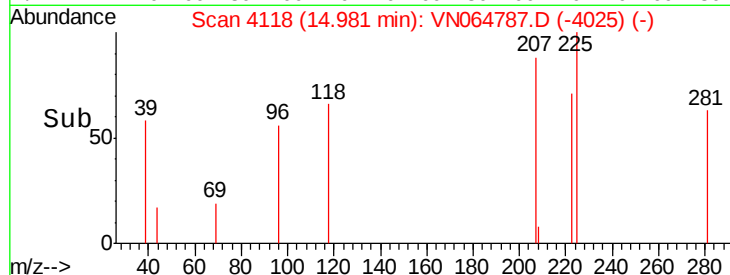
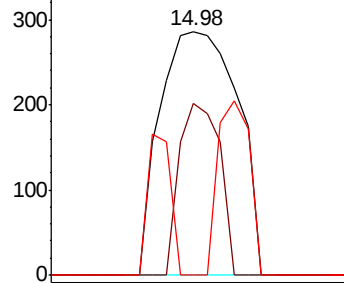
227 17.0 32.0 96.0#



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 3.908 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064787.D

Acq: 23 Nov 2020 16:45

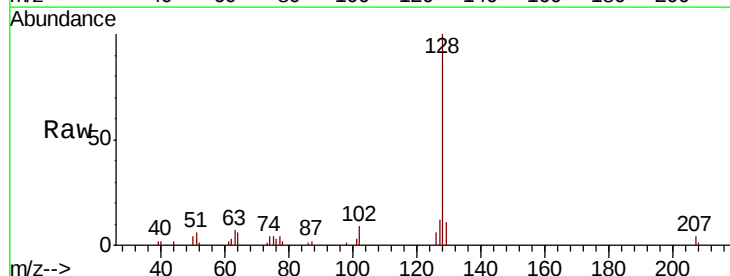
Tgt Ion:128 Resp: 30127

Ion Ratio Lower Upper

128 100

127 12.2 10.3 15.5

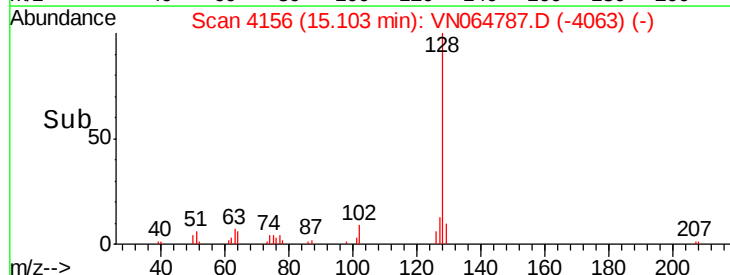
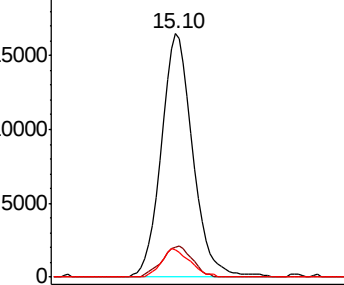
129 10.5 8.7 13.1

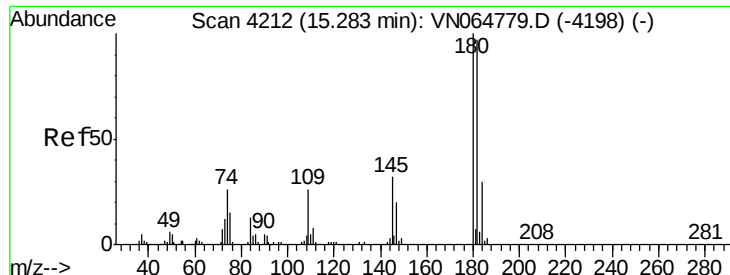


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 1.790 ug/l
 RT: 15.28 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN064787.D
 Acq: 23 Nov 2020 16:45

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4DL

Tot Ion	Ratio	Lower	Upper
180	100		
182	89.2	48.1	144.4
145	44.0	16.4	49.1

