

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064738.D
 Acq On : 19 Nov 2020 17:14
 Operator : JC/MD
 Sample : L4783-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12

Quant Time: Nov 20 03:51:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	202838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	417351	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	442844	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	184005	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	209114	58.60	ug/l	0.00
Spiked Amount			Recovery	=	117.20%	
35) Dibromofluoromethane	7.55	113	135784	57.16	ug/l	0.00
Spiked Amount			Recovery	=	114.32%	
50) Toluene-d8	10.06	98	545590	50.54	ug/l	0.00
Spiked Amount			Recovery	=	101.08%	
62) 4-Bromofluorobenzene	12.38	95	216639	53.69	ug/l	0.00
Spiked Amount			Recovery	=	107.38%	

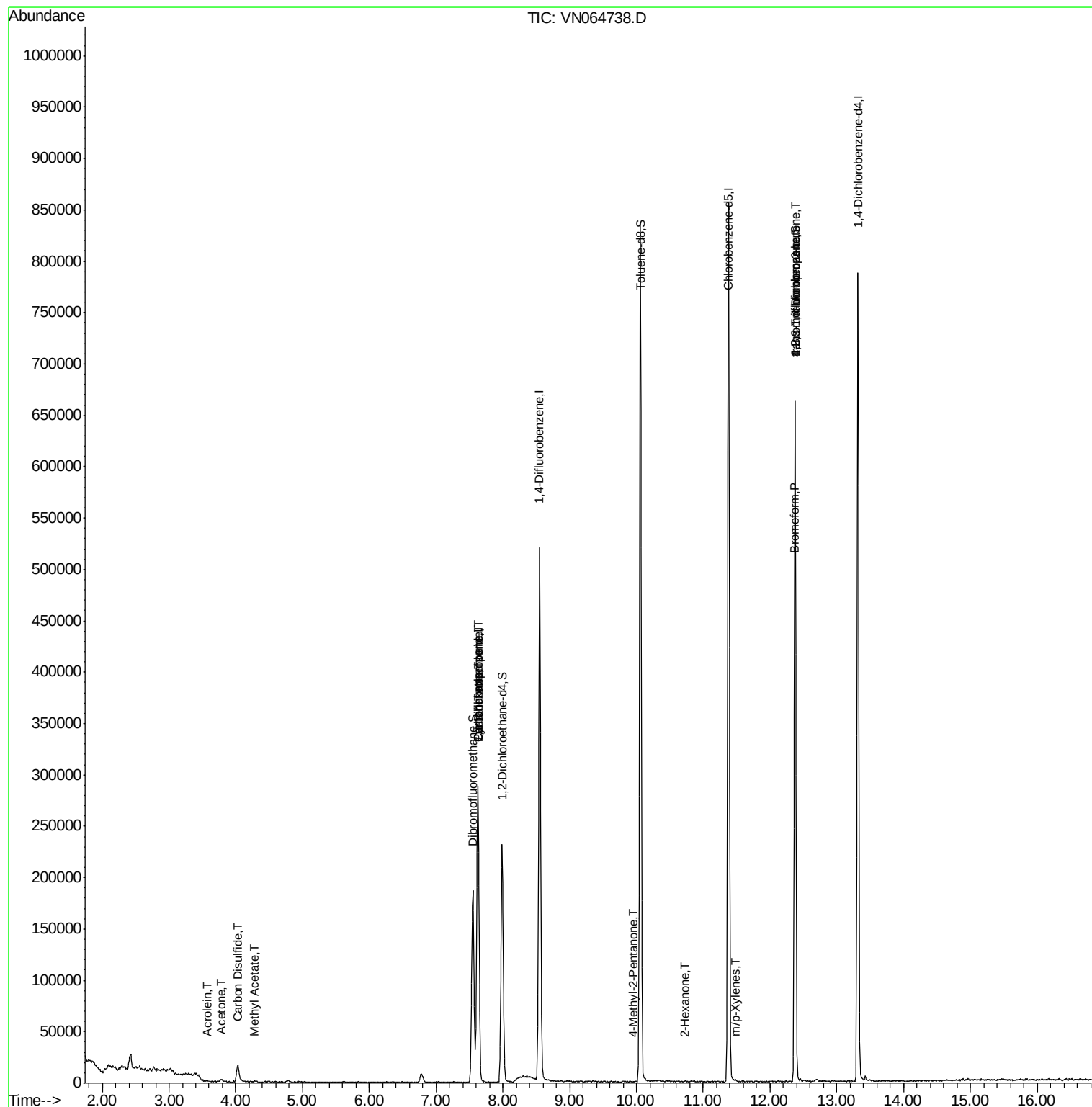
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.57	56	69	0.851	ug/l #	11
16) Acetone	3.78	43	4173	9.800	ug/l #	84
17) Carbon Disulfide	4.02	76	1015	0.291	ug/l #	75
18) Methyl Acetate	4.28	43	214	1.414	ug/l #	54
31) Cyclohexane	7.62	56	6200	1.607	ug/l #	30
36) 1,1-Dichloropropene	7.62	75	20956	4.881	ug/l #	52
38) Carbon Tetrachloride	7.62	117	23489	5.147	ug/l #	15
51) 4-Methyl-2-Pentanone	9.96	43	117	6.157	ug/l #	39
59) 2-Hexanone	10.72	43	299	8.533	ug/l #	28
68) m/p-Xylenes	11.49	106	63	4.071	ug/l #	1
71) Bromoform	12.36	173	199	2.516	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	123904	31.252	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	123904	79.603	ug/l #	5

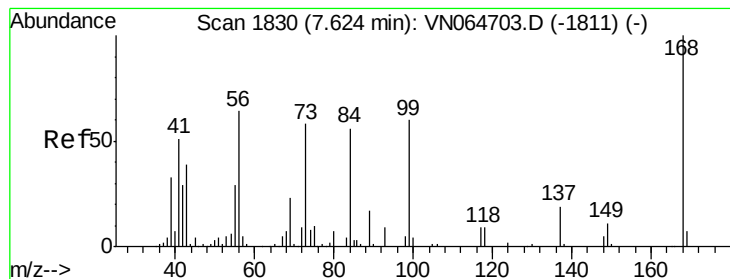
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111920\
Data File : VN064738.D
Acq On : 19 Nov 2020 17:14
Operator : JC/MD
Sample : L4783-07
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-12

Quant Time: Nov 20 03:51:18 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 18 15:29:54 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064738.D

Acq: 19 Nov 2020 17:14

Instrument :

MSVOA_N

ClientSampleId :

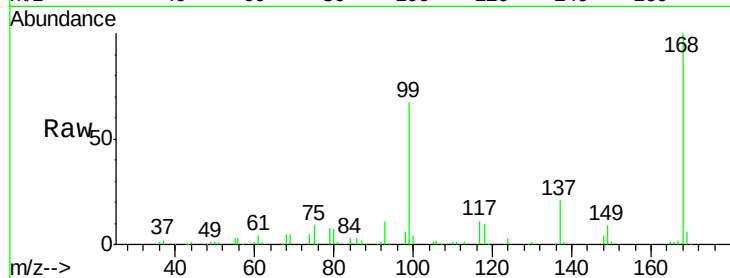
MW-12

Tot Ion:168 Resp: 202838

Ion Ratio Lower Upper

168 100

99 67.4 55.7 83.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

80000

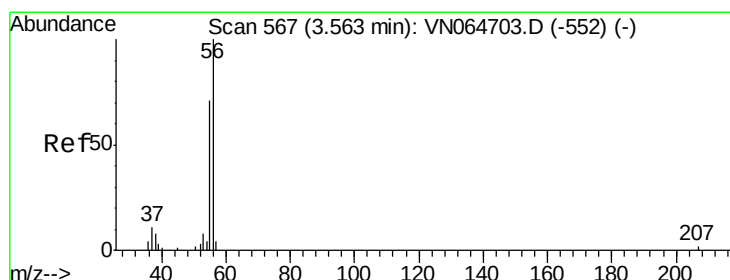
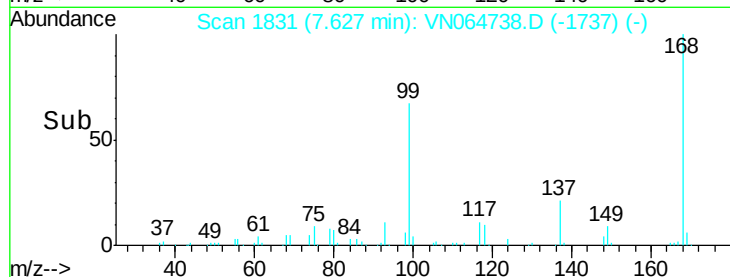
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#13

Acrolein

Concen: 0.851 ug/l

RT: 3.57 min Scan# 570

Delta R.T. 0.01 min

Lab File: VN064738.D

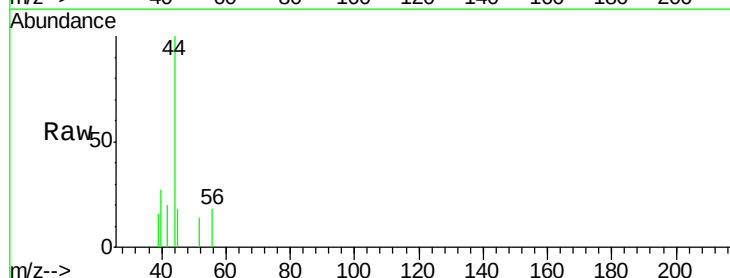
Acq: 19 Nov 2020 17:14

Tgt Ion: 56 Resp: 69

Ion Ratio Lower Upper

56 100

55 0.0 61.8 92.6#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.57

200

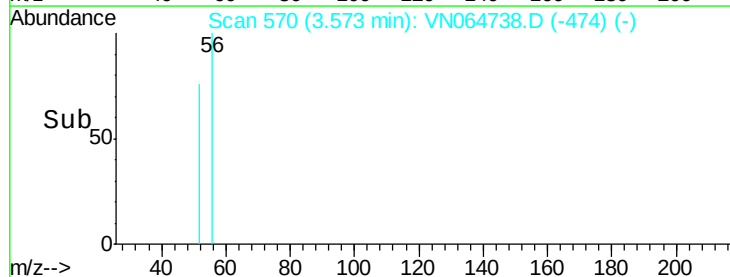
150

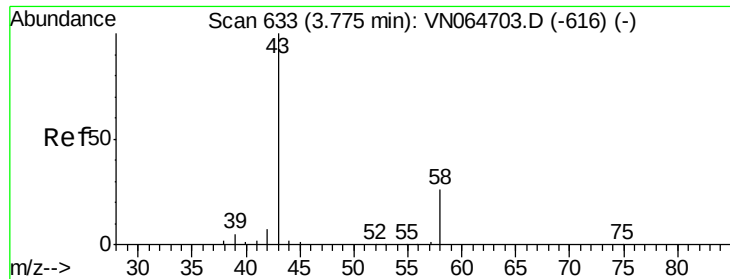
100

50

0

Time--> 3.56 3.57 3.58

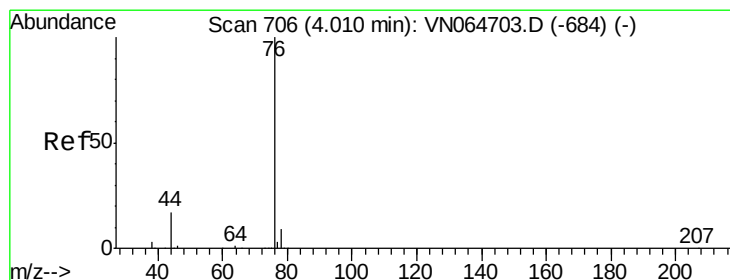
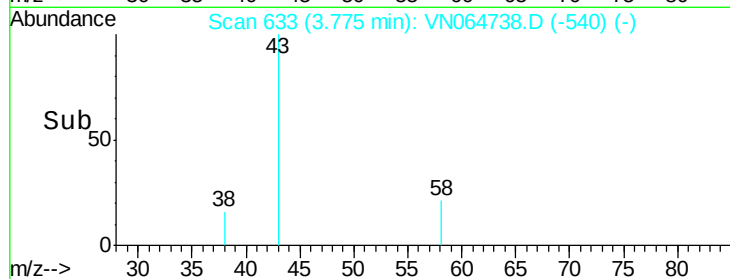
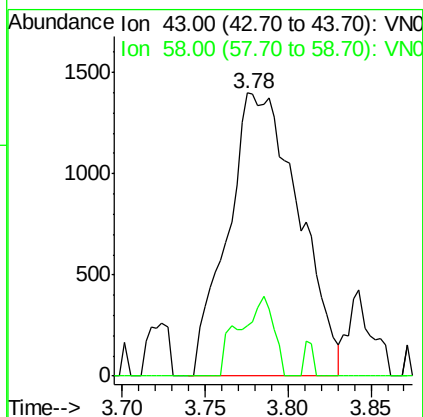
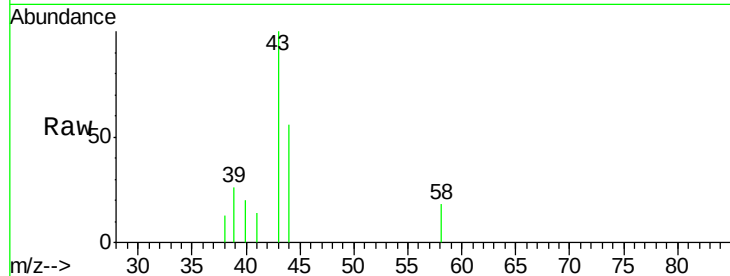




#16
Acetone
Concen: 9.800 ug/l
RT: 3.78 min Scan# 633
Delta R.T. 0.00 min
Lab File: VN064738.D
Acq: 19 Nov 2020 17:14

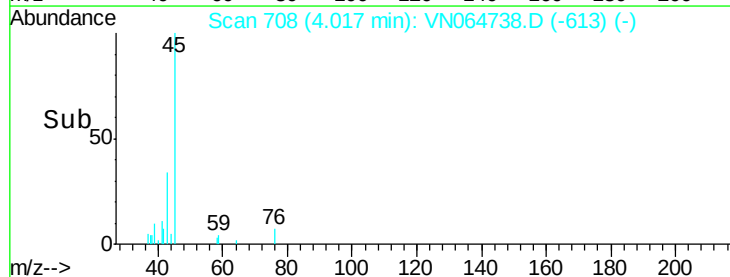
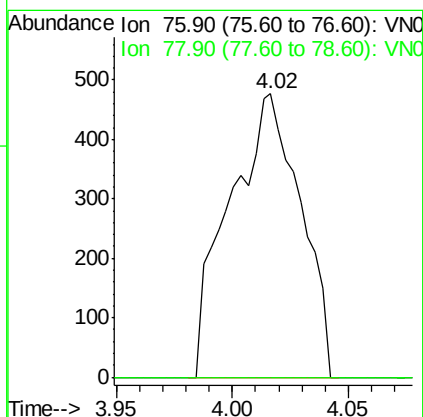
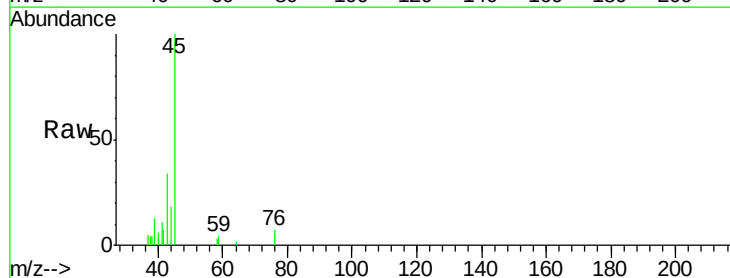
Instrument :
MSVOA_N
ClientSampled :
MW-12

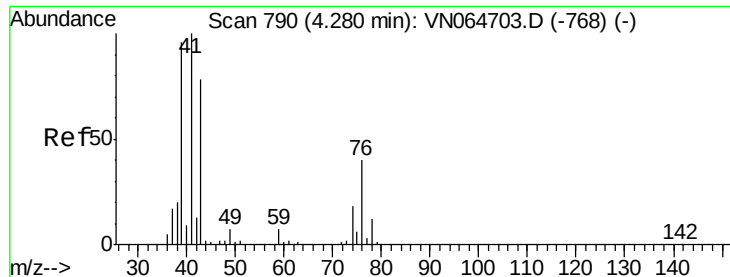
Tot Ion: 43 Resp: 4173
Ion Ratio Lower Upper
43 100
58 18.0 21.2 31.8#



#17
Carbon Disulfide
Concen: 0.291 ug/l
RT: 4.02 min Scan# 708
Delta R.T. 0.01 min
Lab File: VN064738.D
Acq: 19 Nov 2020 17:14

Tgt Ion: 76 Resp: 1015
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#

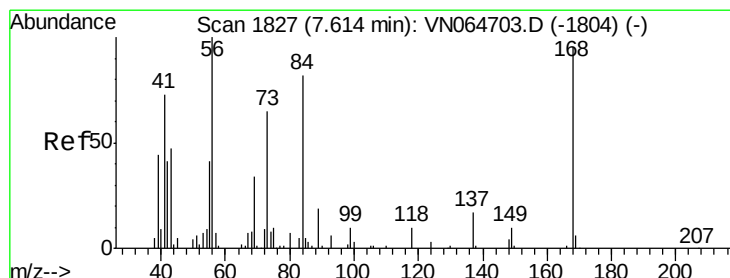
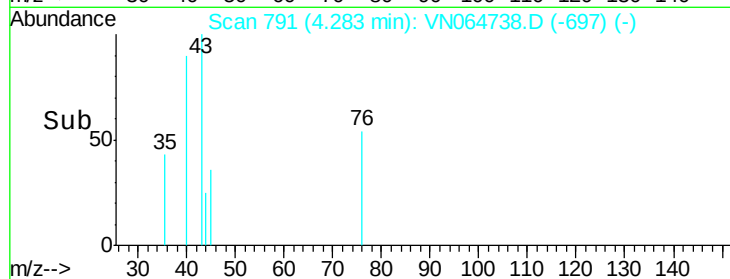
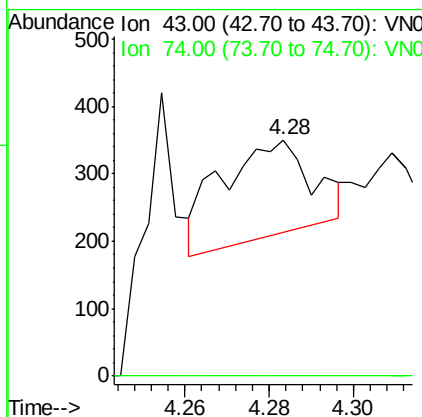
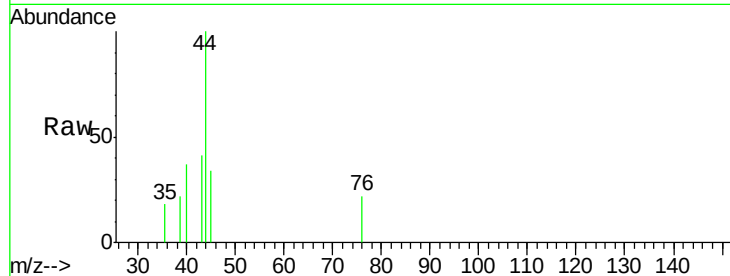




#18
Methvl Acetate
Concen: 1.414 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN064738.D
Acq: 19 Nov 2020 17:14

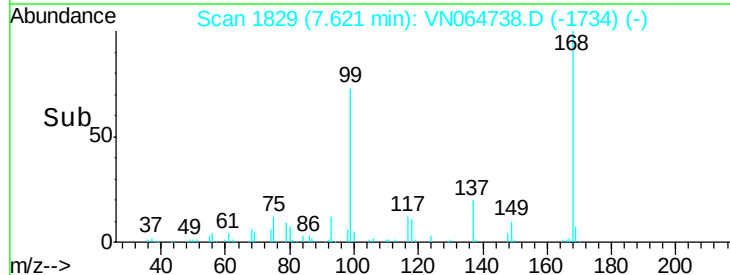
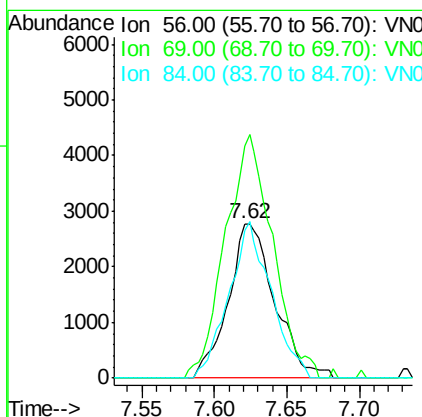
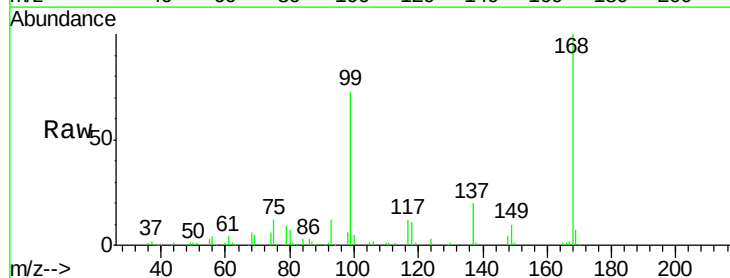
Instrument :
MSVOA_N
ClientSampleId :
MW-12

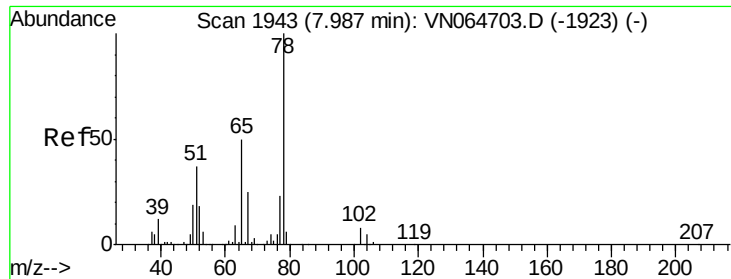
Tot Ion: 43 Resp: 214
Ion Ratio Lower Upper
43 100
74 0.0 17.6 26.4#



#31
Cyclohexane
Concen: 1.607 ug/l
RT: 7.62 min Scan# 1829
Delta R.T. 0.01 min
Lab File: VN064738.D
Acq: 19 Nov 2020 17:14

Tgt Ion: 56 Resp: 6200
Ion Ratio Lower Upper
56 100
69 150.7 27.2 40.8#
84 95.3 65.9 98.9

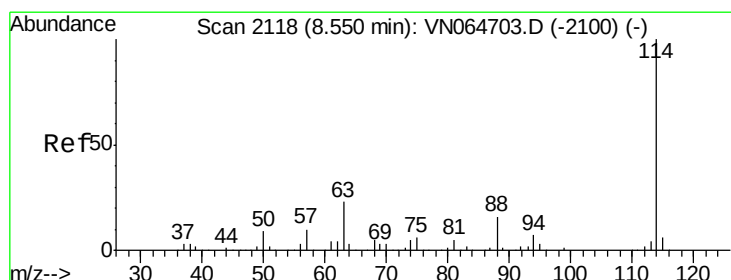
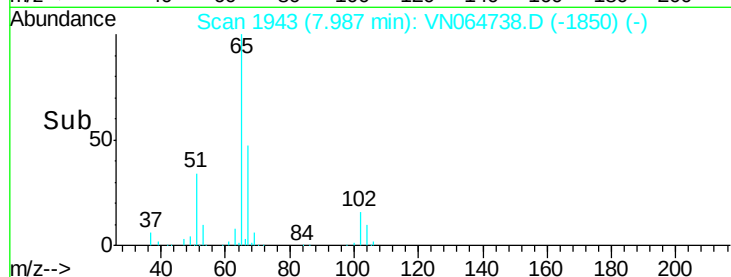
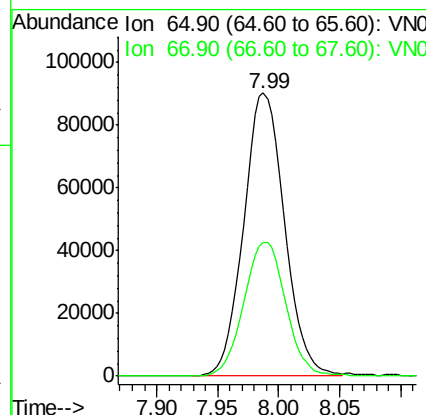
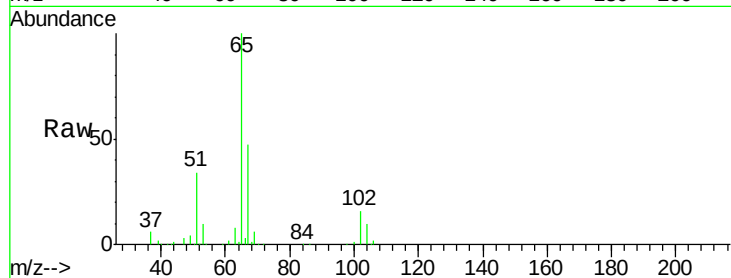




#33
 1,2-Dichloroethane-d4
 Concen: 58.604 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064738.D
 Acq: 19 Nov 2020 17:14

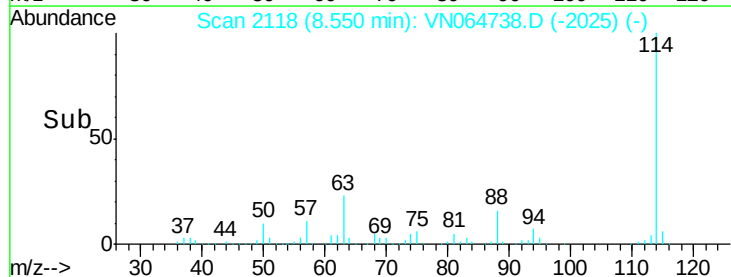
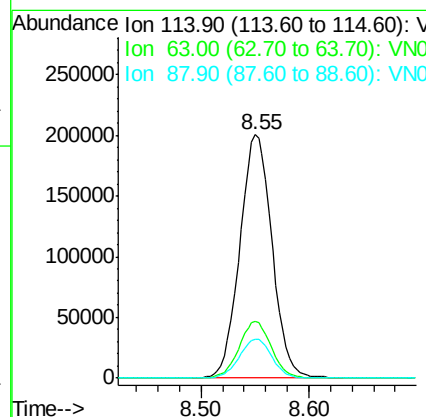
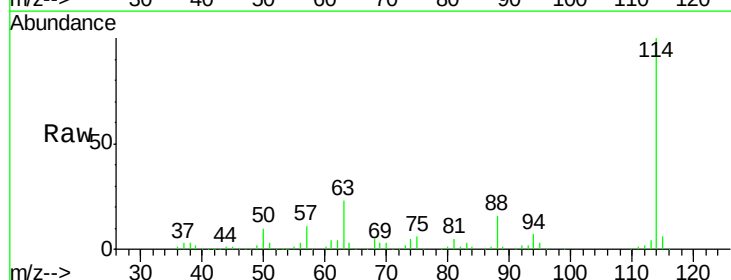
Instrument :
 MSVOA_N
 ClientSampled :
 MW-12

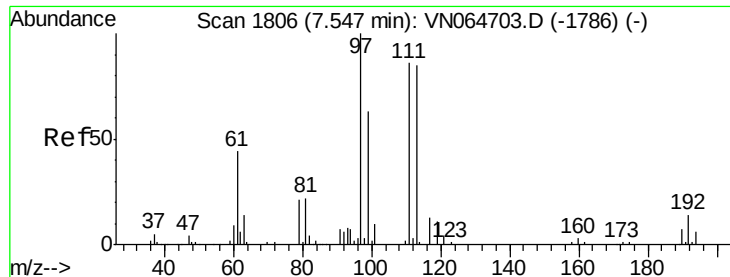
Tot Ion: 65 Resp: 209114
 Ion Ratio Lower Upper
 65 100
 67 48.5 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064738.D
 Acq: 19 Nov 2020 17:14

Tgt Ion: 114 Resp: 417351
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 46.0
 88 15.9 0.0 31.2





#35

Dibromofluoromethane

Concen: 57.161 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064738.D

Acq: 19 Nov 2020 17:14

Instrument :

MSVOA_N

ClientSampleId :

MW-12

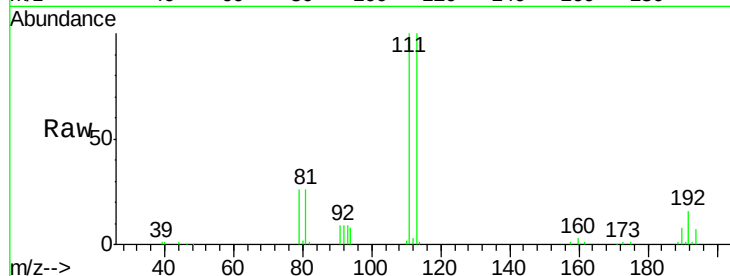
Tot Ion:113 Resp: 135784

Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.4

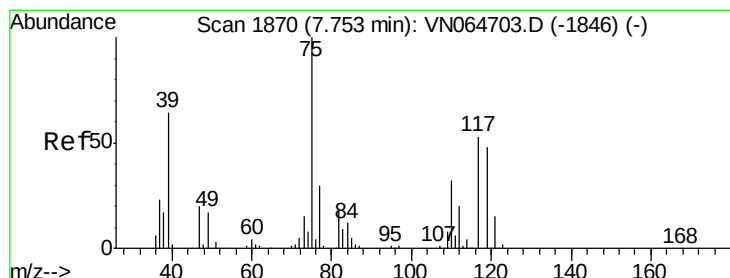
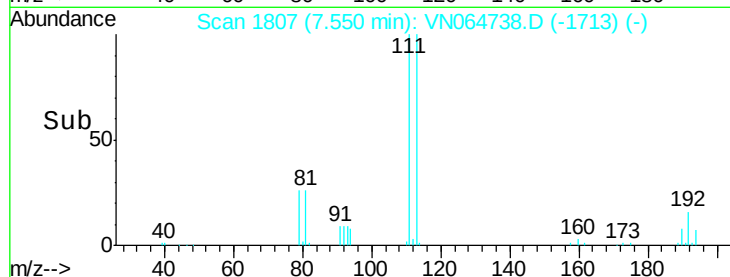
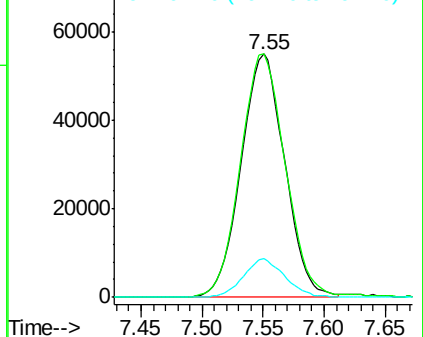
192 15.1 12.7 19.1



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: 4.881 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.13 min

Lab File: VN064738.D

Acq: 19 Nov 2020 17:14

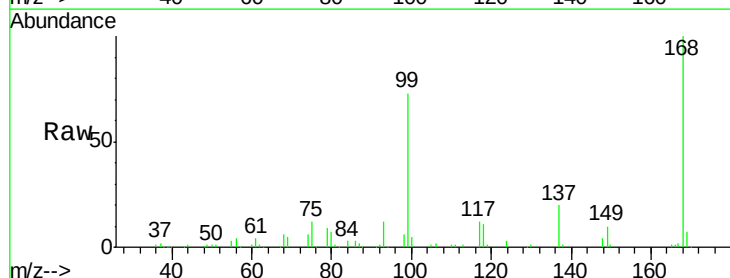
Tgt Ion: 75 Resp: 20956

Ion Ratio Lower Upper

75 100

110 9.7 16.2 48.6#

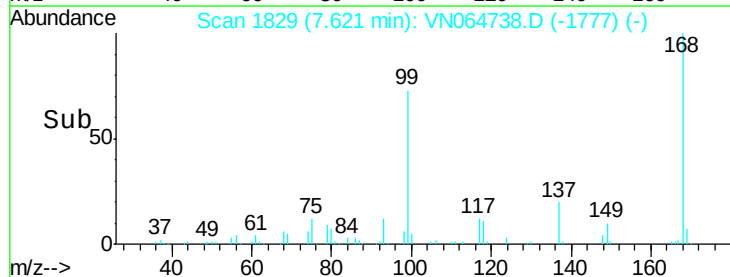
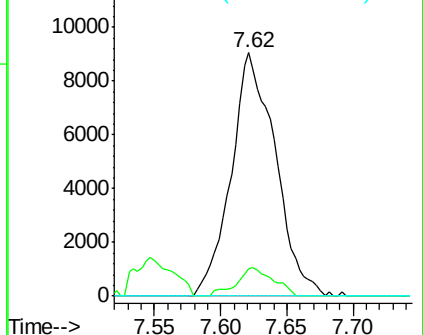
77 0.0 24.4 36.6#

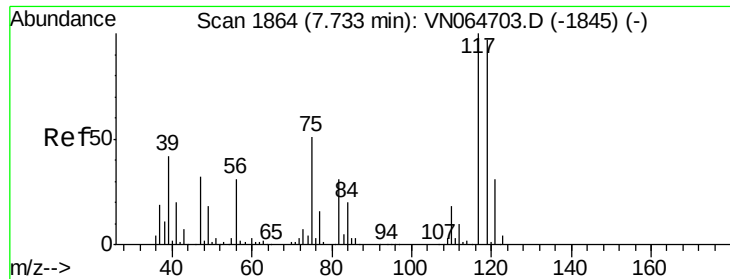


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 5.147 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN064738.D

Acq: 19 Nov 2020 17:14

Instrument :

MSVOA_N

ClientSampleId :

MW-12

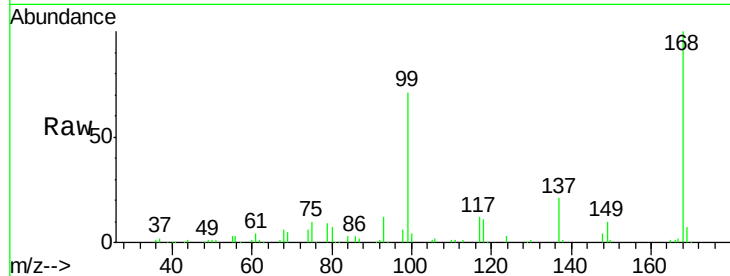
Tot Ion:117 Resp: 23489

Ion Ratio Lower Upper

117 100

119 4.2 77.8 116.6#

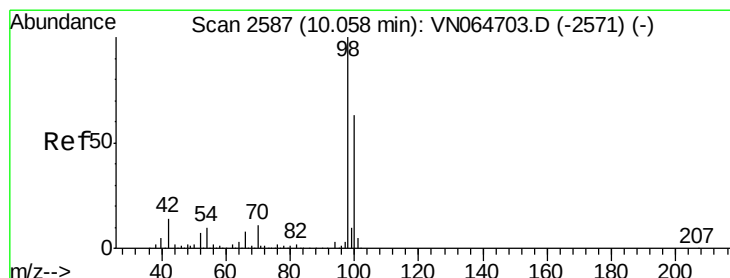
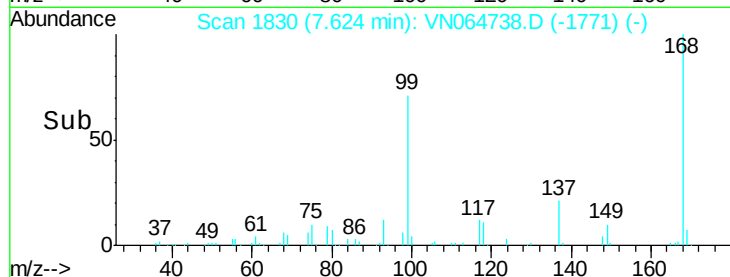
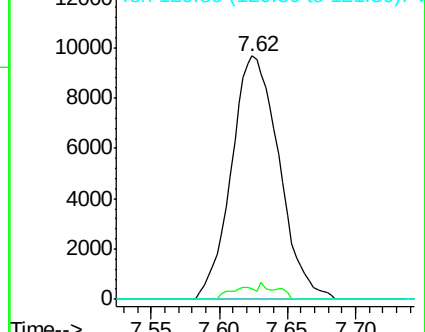
121 0.0 24.9 37.3#



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: 50.536 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064738.D

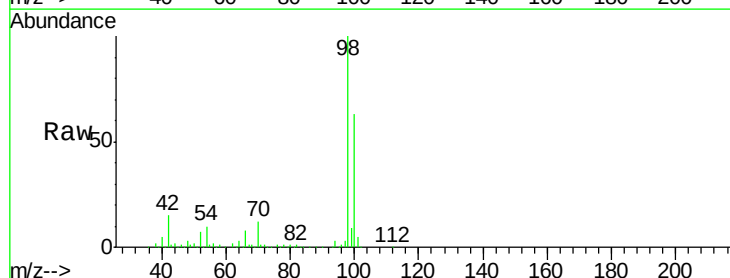
Acq: 19 Nov 2020 17:14

Tgt Ion: 98 Resp: 545590

Ion Ratio Lower Upper

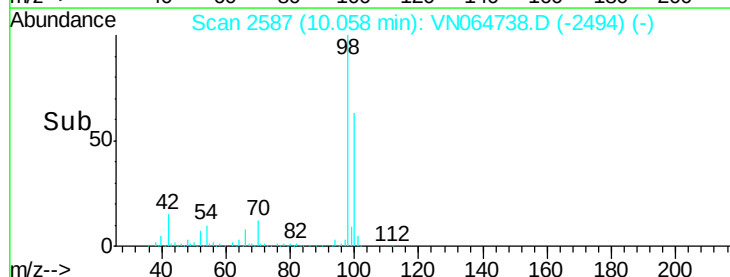
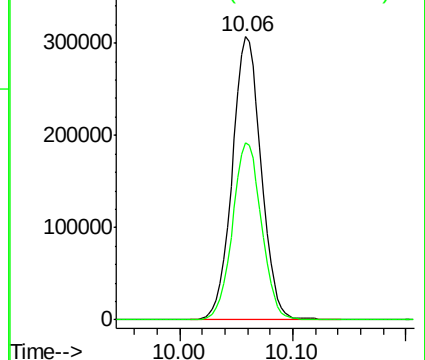
98 100

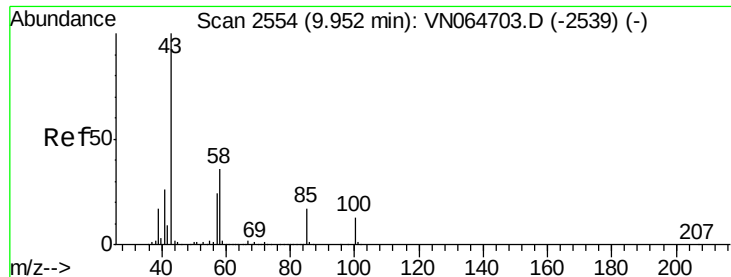
100 62.7 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

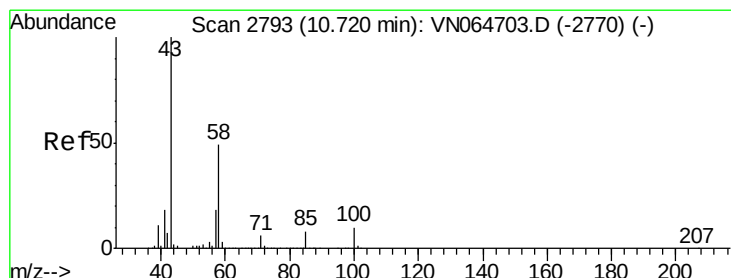
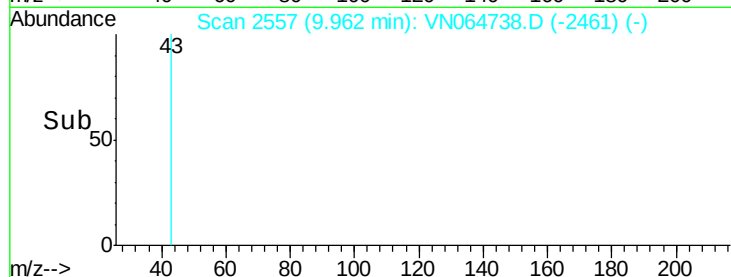
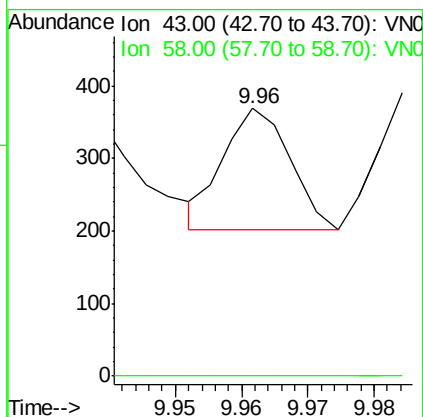
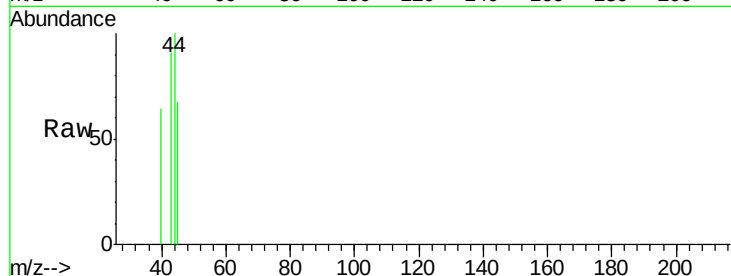




#51
 4-Methyl-2-Pentanone
 Concen: 6.157 ug/l
 RT: 9.96 min Scan# 2557
 Delta R.T. 0.01 min
 Lab File: VN064738.D
 Acq: 19 Nov 2020 17:14

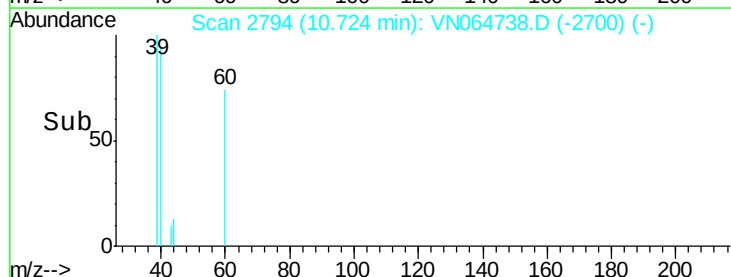
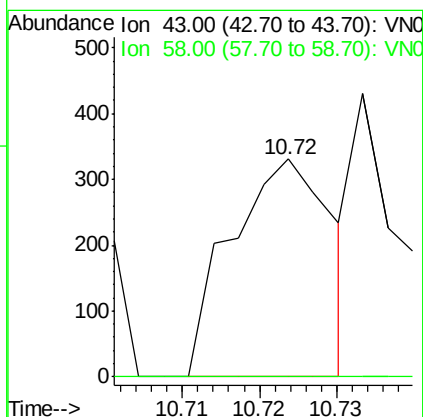
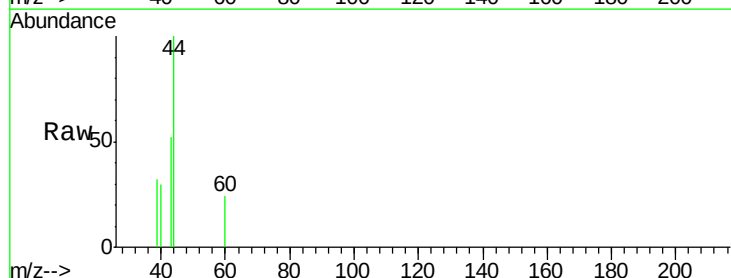
Instrument :
 MSVOA_N
 ClientSampled :
 MW-12

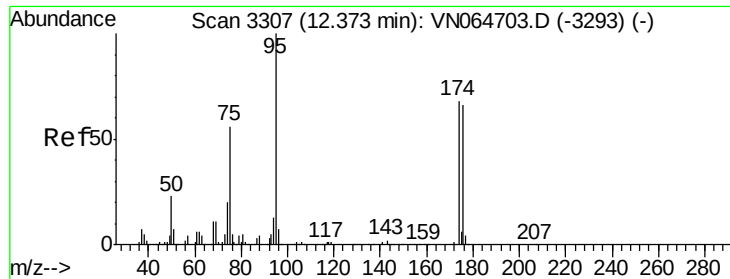
Tot Ion: 43 Resp: 117
 Ion Ratio Lower Upper
 43 100
 58 0.0 28.5 42.7#



#59
 2-Hexanone
 Concen: 8.533 ug/l
 RT: 10.72 min Scan# 2794
 Delta R.T. 0.00 min
 Lab File: VN064738.D
 Acq: 19 Nov 2020 17:14

Tgt Ion: 43 Resp: 299
 Ion Ratio Lower Upper
 43 100
 58 0.0 24.4 73.4#





#62

4-Bromofluorobenzene

Concen: 53.686 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064738.D

Acq: 19 Nov 2020 17:14

Instrument :

MSVOA_N

ClientSampled :

MW-12

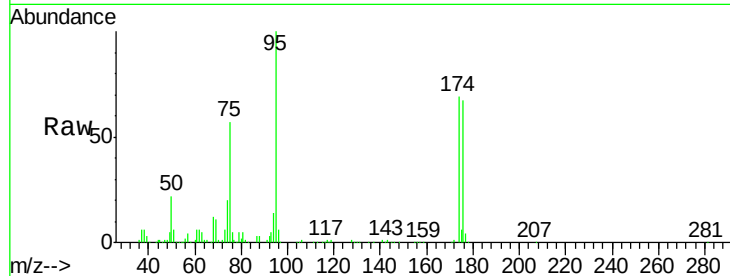
Tot Ion: 95 Resp: 216639

Ion Ratio Lower Upper

95 100

174 69.7 0.0 136.8

176 66.4 0.0 134.2

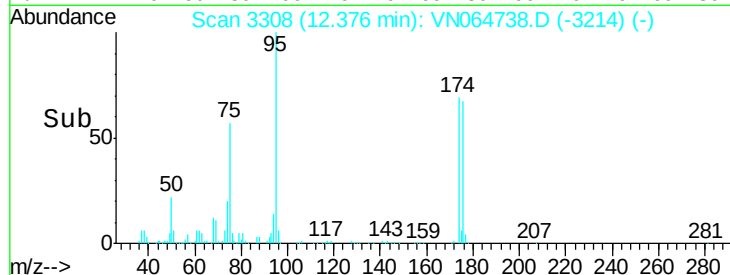


Abundance Ion 94.90 (94.60 to 95.60): VN064738.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN064738.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN064738.D (-3293) (-)

Time-->

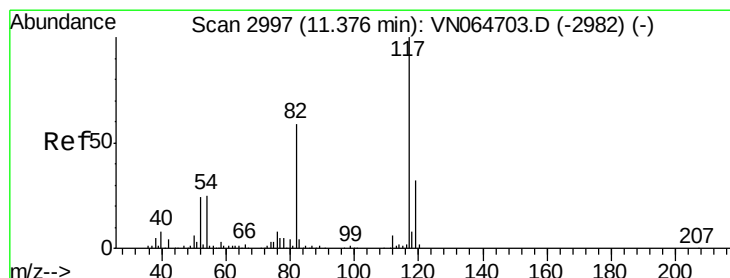


Abundance Ion 94.90 (94.60 to 95.60): VN064738.D (-3214) (-)

Ion 173.80 (173.50 to 174.50): VN064738.D (-3214) (-)

Ion 175.80 (175.50 to 176.50): VN064738.D (-3214) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064738.D

Acq: 19 Nov 2020 17:14

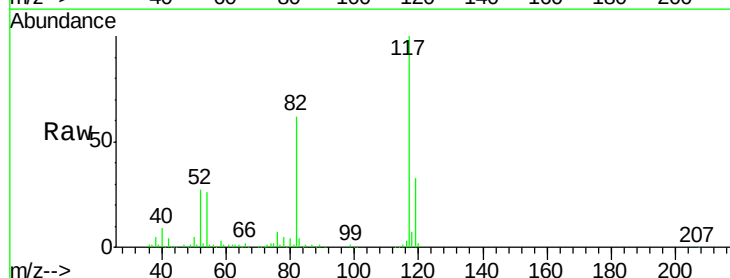
Tgt Ion: 117 Resp: 442844

Ion Ratio Lower Upper

117 100

82 61.7 47.0 70.6

119 33.0 25.4 38.2

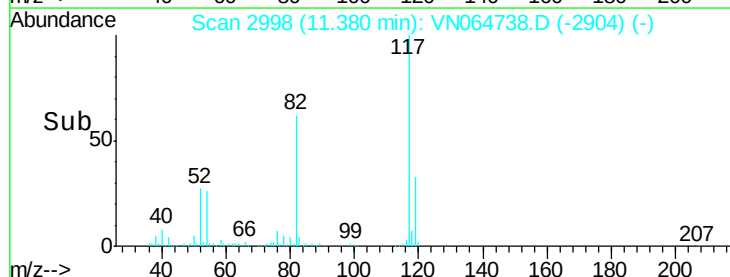


Abundance Ion 116.90 (116.60 to 117.60): VN064738.D (-2982) (-)

Ion 82.00 (81.70 to 82.70): VN064738.D (-2982) (-)

Ion 118.90 (118.60 to 119.60): VN064738.D (-2982) (-)

Time-->

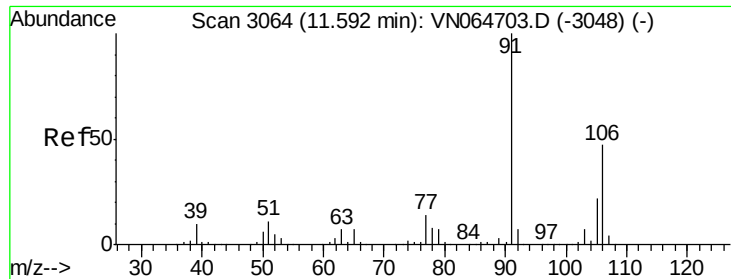


Abundance Ion 116.90 (116.60 to 117.60): VN064738.D (-2904) (-)

Ion 82.00 (81.70 to 82.70): VN064738.D (-2904) (-)

Ion 118.90 (118.60 to 119.60): VN064738.D (-2904) (-)

Time-->



#68

m/p-Xvlenes

Concen: 4.071 ug/l

RT: 11.49 min Scan# 3033

Delta R.T. -0.10 min

Lab File: VN064738.D

Acq: 19 Nov 2020 17:14

Instrument :

MSVOA_N

ClientSampled :

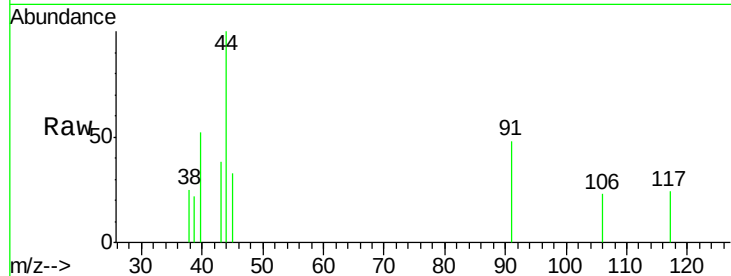
MW-12

Tot Ion:106 Resp: 63

Ion Ratio Lower Upper

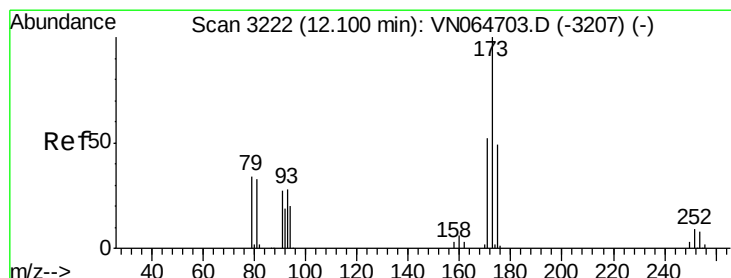
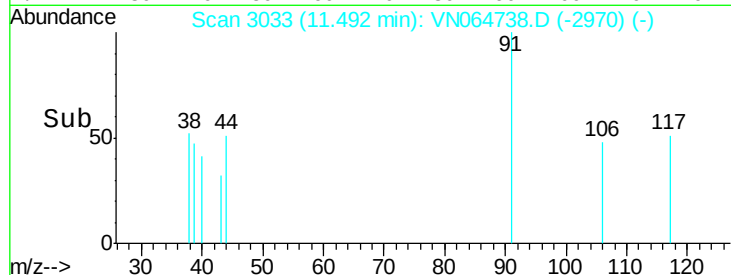
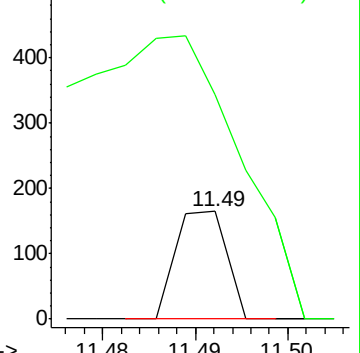
106 100

91 907.9 171.9 257.9#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#71

Bromoform

Concen: 2.516 ug/l

RT: 12.36 min Scan# 3302

Delta R.T. 0.26 min

Lab File: VN064738.D

Acq: 19 Nov 2020 17:14

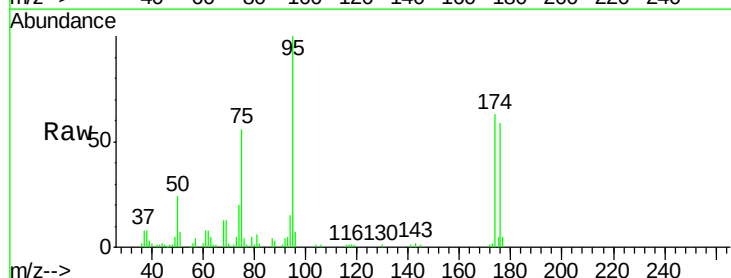
Tgt Ion:173 Resp: 199

Ion Ratio Lower Upper

173 100

175 5169.3 24.3 72.9#

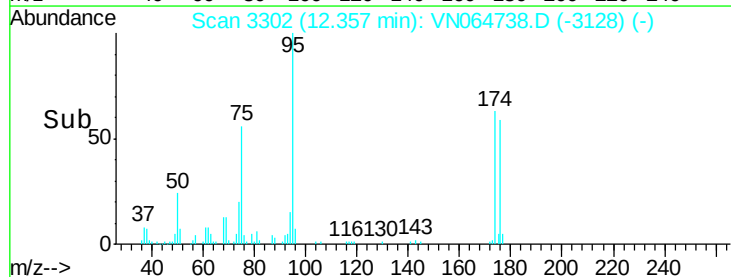
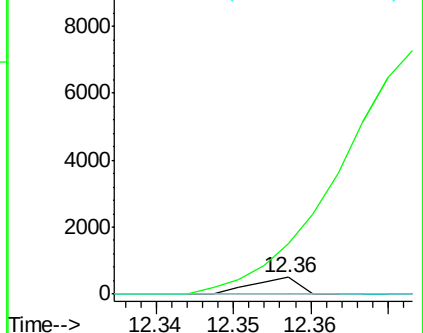
254 0.0 0.1 0.1#

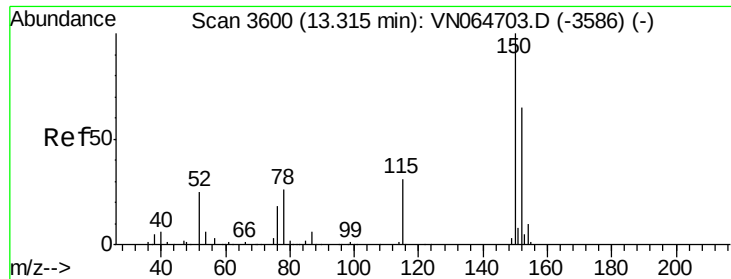


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064738.D

Acq: 19 Nov 2020 17:14

Instrument :

MSVOA_N

ClientSampleId :

MW-12

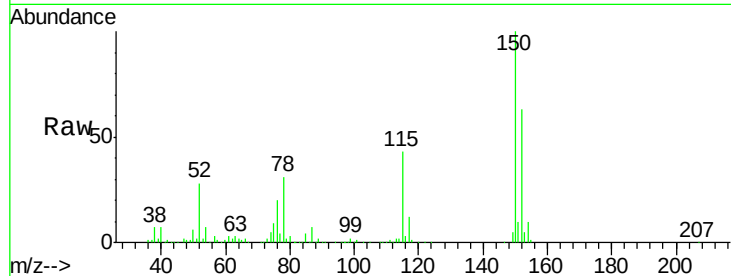
Tot Ion:152 Resp: 184005

Ion Ratio Lower Upper

152 100

115 67.4 32.1 96.3

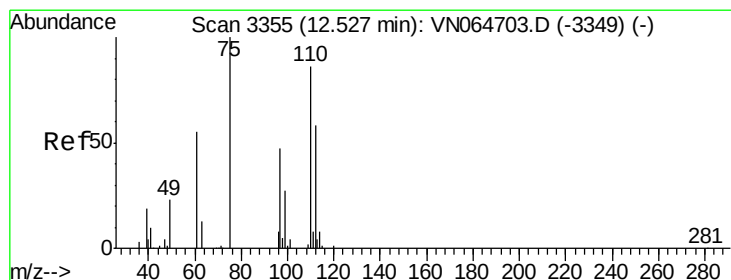
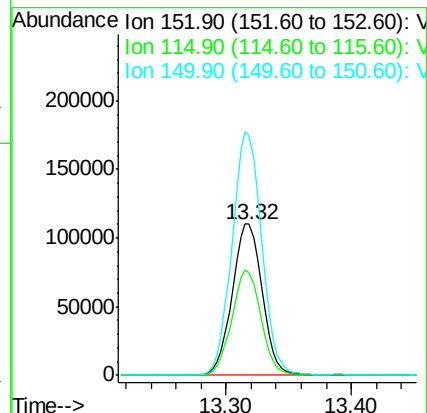
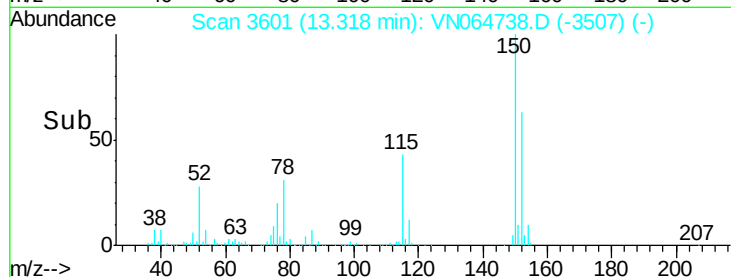
150 158.2 0.0 344.8



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



#76

1,2,3-Trichloropropane

Concen: 31.252 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN064738.D

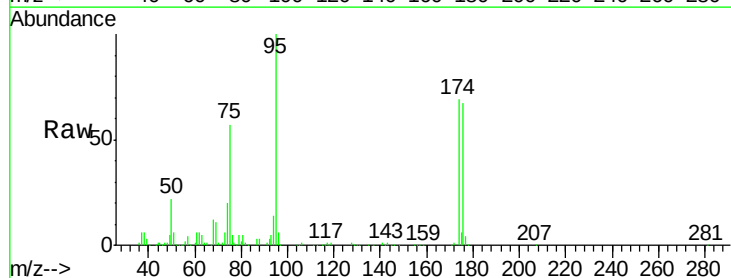
Acq: 19 Nov 2020 17:14

Tgt Ion: 75 Resp: 123904

Ion Ratio Lower Upper

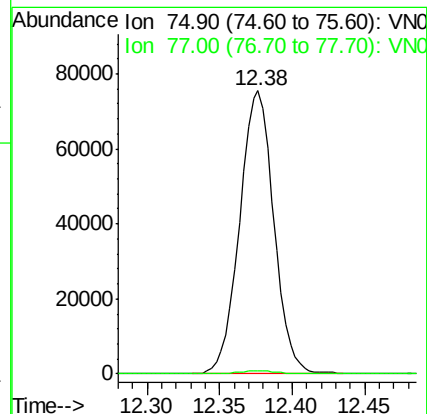
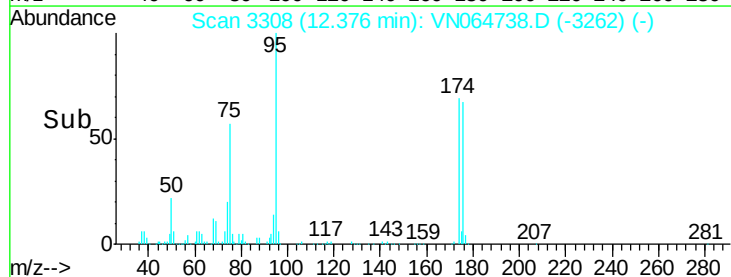
75 100

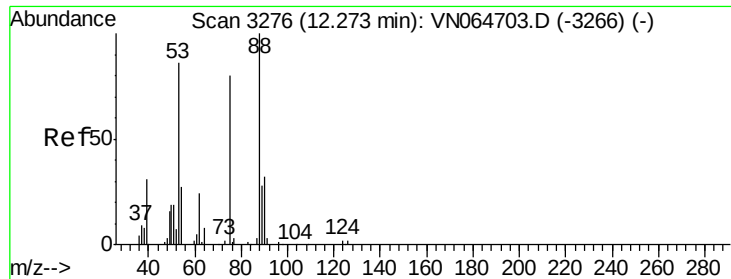
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.603 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.10 min
 Lab File: VN064738.D
 Acq: 19 Nov 2020 17:14

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12

Tot Ion: 75 Resp: 123904
 Ion Ratio Lower Upper
 75 100
 53 0.3 88.8 133.2#
 89 0.0 43.1 64.7#

