

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064739.D
 Acq On : 19 Nov 2020 17:38
 Operator : JC/MD
 Sample : L4783-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11

Quant Time: Nov 20 03:51:40 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	211605	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	427133	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	459075	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	245127	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	211526	56.82	ug/l	0.00
Spiked Amount			Recovery	=	113.64%	
35) Dibromofluoromethane	7.55	113	143264	58.93	ug/l	0.00
Spiked Amount			Recovery	=	117.86%	
50) Toluene-d8	10.06	98	567720	51.38	ug/l	0.00
Spiked Amount			Recovery	=	102.76%	
62) 4-Bromofluorobenzene	12.37	95	222189	53.80	ug/l	0.00
Spiked Amount			Recovery	=	107.60%	

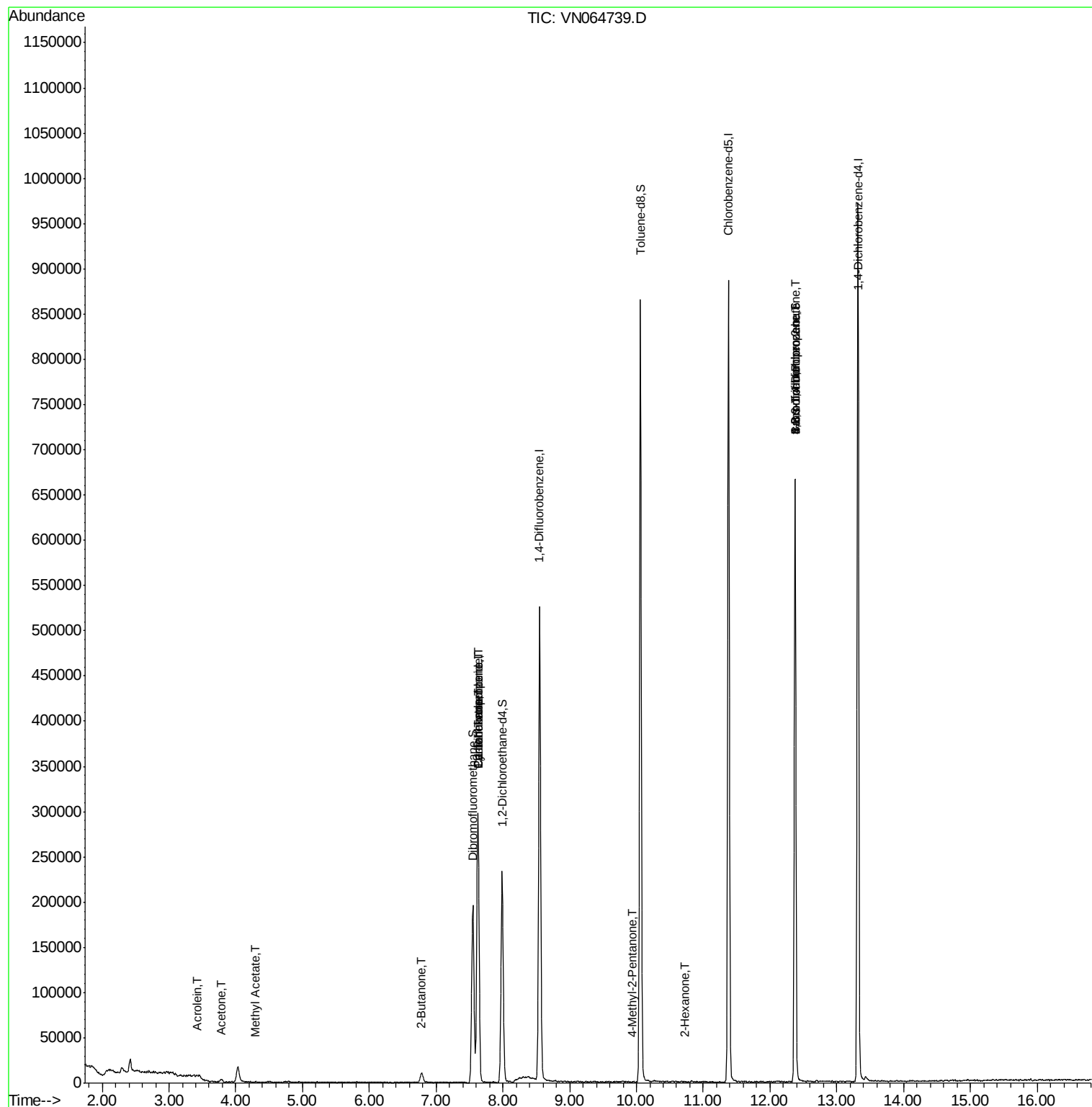
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.42	56	105	1.242	ug/l #	3
16) Acetone	3.78	43	4491	9.950	ug/l	95
18) Methyl Acetate	4.30	43	252	1.424	ug/l #	54
25) 2-Butanone	6.79	43	311	0.219	ug/l #	51
31) Cyclohexane	7.63	56	6982	1.735	ug/l #	47
36) 1,1-Dichloropropene	7.63	75	19615	4.464	ug/l #	52
38) Carbon Tetrachloride	7.63	117	24435	5.232	ug/l #	16
51) 4-Methyl-2-Pentanone	9.94	43	473	6.237	ug/l #	39
59) 2-Hexanone	10.73	43	480	8.586	ug/l #	28
71) Bromoform	12.37	173	1153	2.833	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	124596	23.590	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	124596	60.463	ug/l #	5

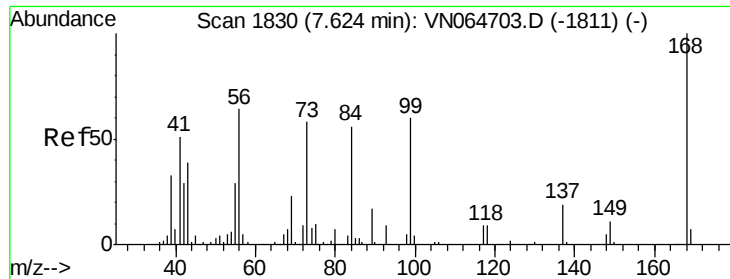
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111920\
Data File : VN064739.D
Acq On : 19 Nov 2020 17:38
Operator : JC/MD
Sample : L4783-08
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11

Quant Time: Nov 20 03:51:40 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: VN064739.D

Acq: 19 Nov 2020 17:38

Instrument :

MSVOA_N

ClientSampleId :

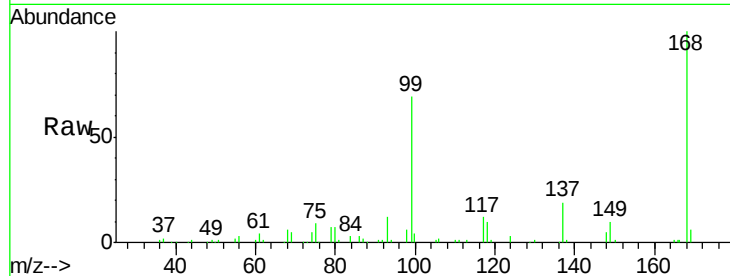
MW-11

Tot Ion:168 Resp: 211605

Ion Ratio Lower Upper

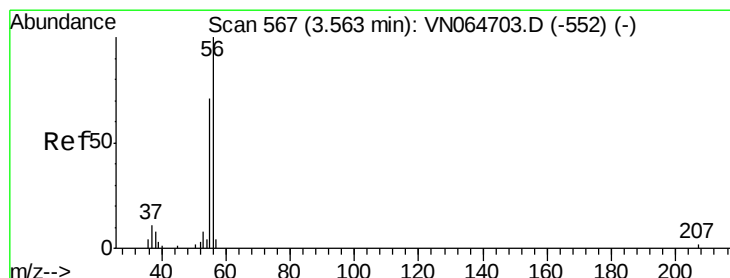
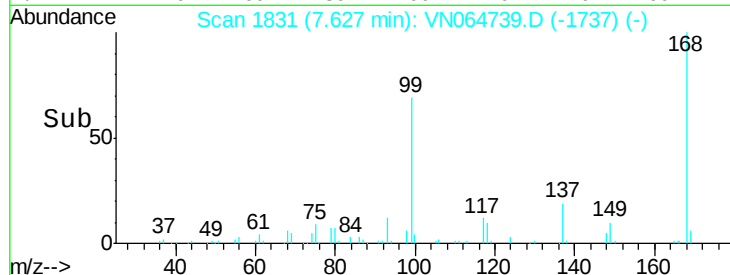
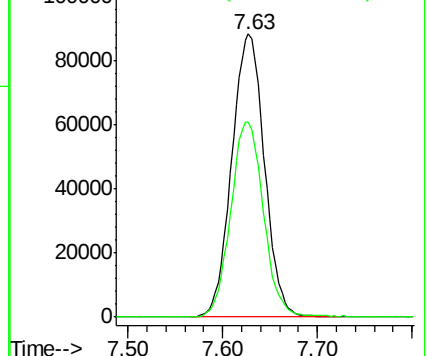
168 100

99 69.0 55.7 83.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#13

Acrolein

Concen: 1.242 ug/l

RT: 3.42 min Scan# 522

Delta R.T. -0.14 min

Lab File: VN064739.D

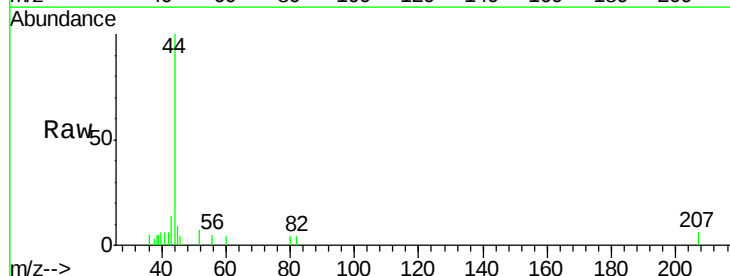
Acq: 19 Nov 2020 17:38

Tgt Ion: 56 Resp: 105

Ion Ratio Lower Upper

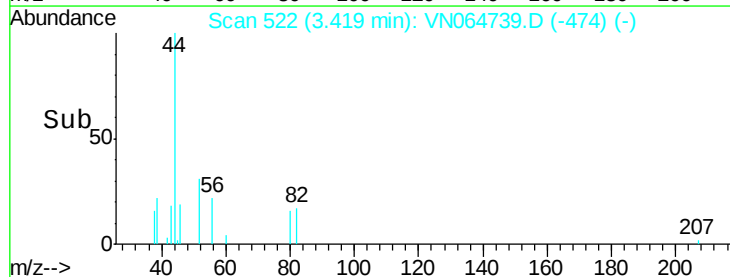
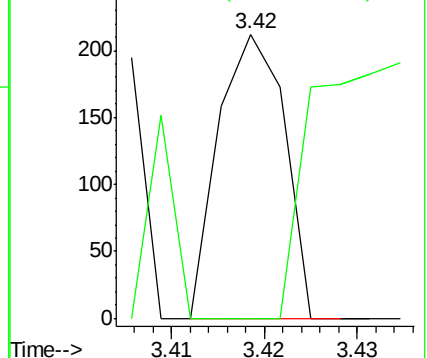
56 100

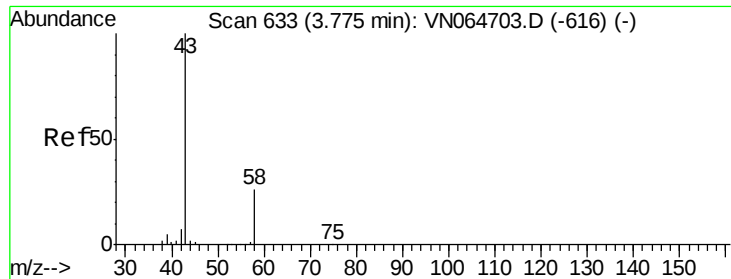
55 161.0 61.8 92.6#



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 55.00 (54.70 to 55.70): VN





#16

Acetone

Concen: 9.950 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064739.D

Acq: 19 Nov 2020 17:38

Instrument :

MSVOA_N

ClientSampled :

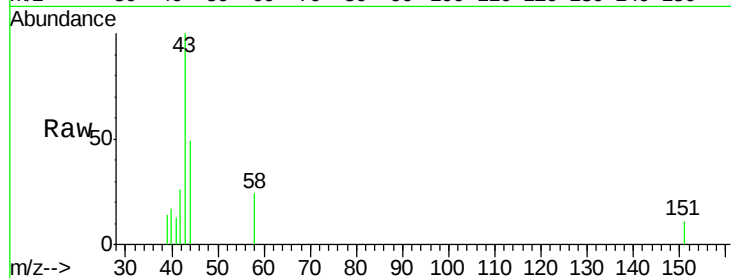
MW-11

Tot Ion: 43 Resp: 4491

Ion Ratio Lower Upper

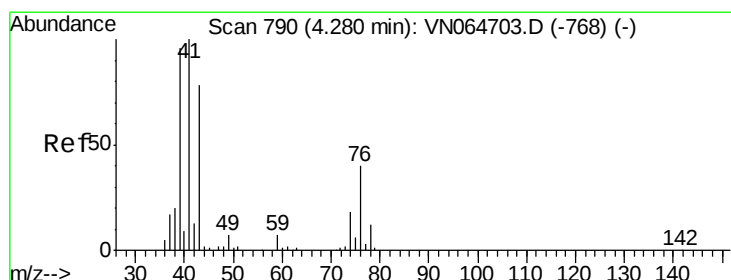
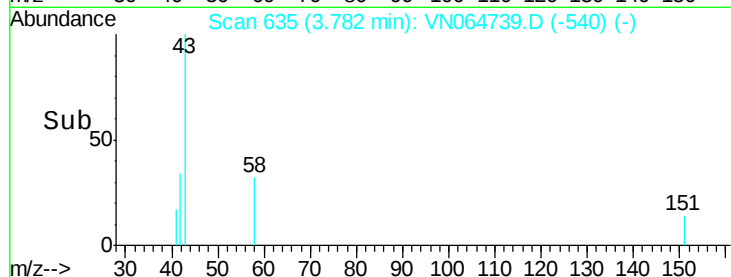
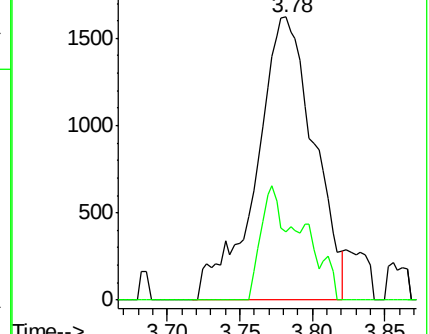
43 100

58 23.9 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 1.424 ug/l

RT: 4.30 min Scan# 795

Delta R.T. 0.02 min

Lab File: VN064739.D

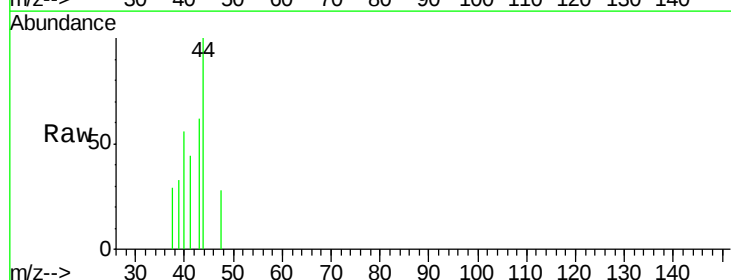
Acq: 19 Nov 2020 17:38

Tgt Ion: 43 Resp: 252

Ion Ratio Lower Upper

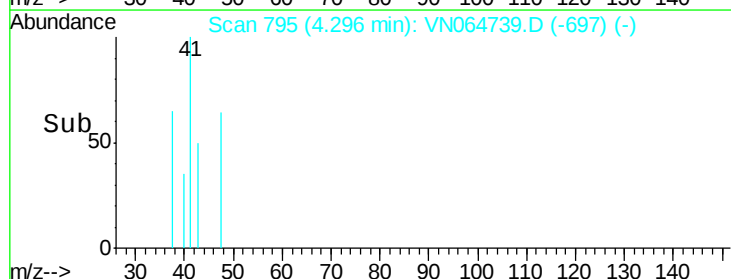
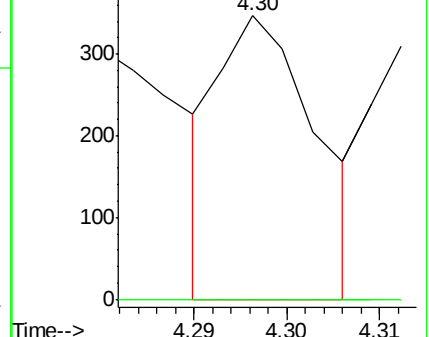
43 100

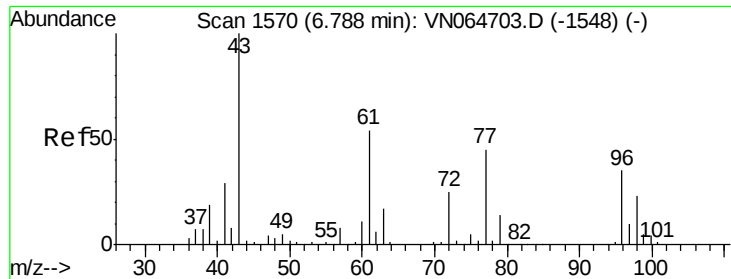
74 0.0 17.6 26.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

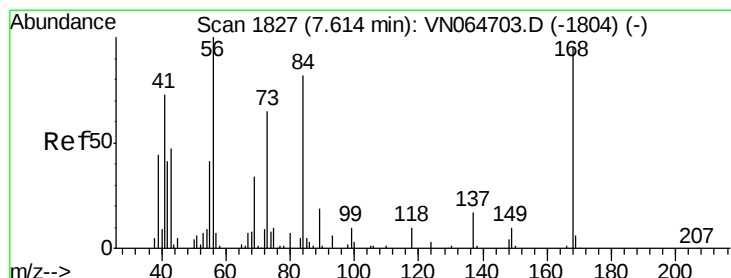
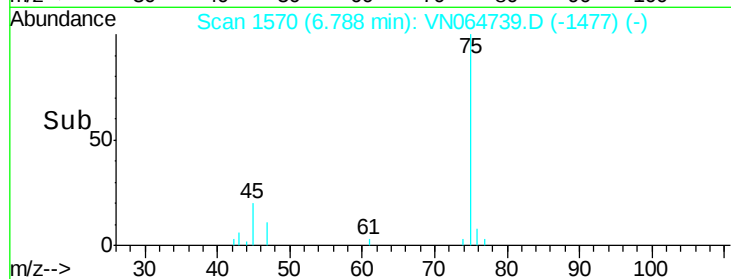
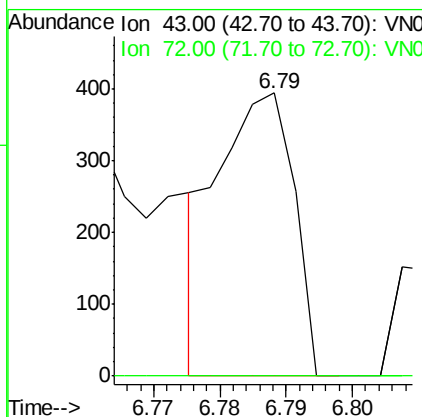
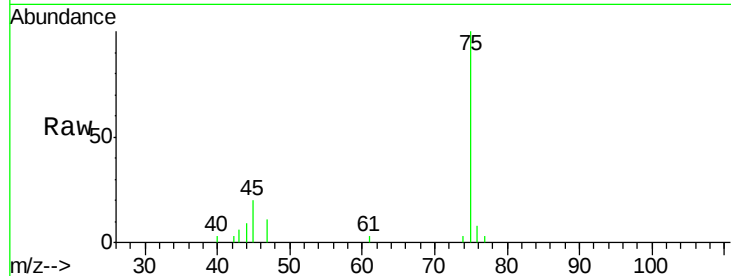




#25
2-Butanone
Concen: 0.219 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. 0.00 min
Lab File: VN064739.D
Acq: 19 Nov 2020 17:38

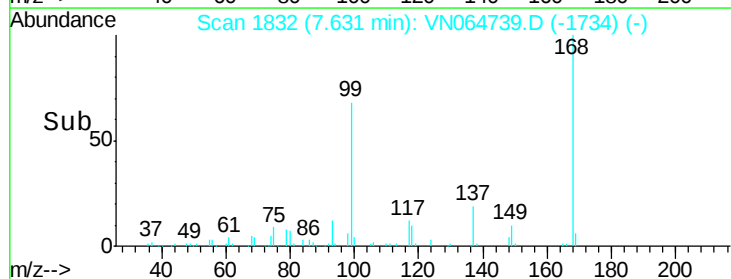
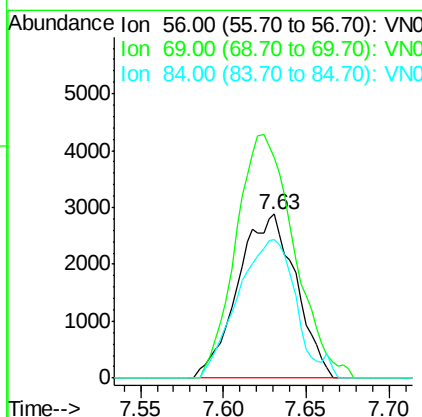
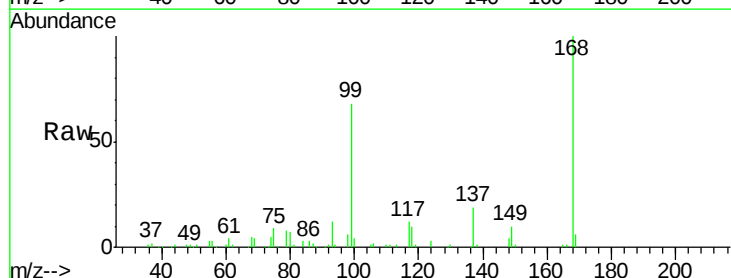
Instrument :
MSVOA_N
ClientSampled :
MW-11

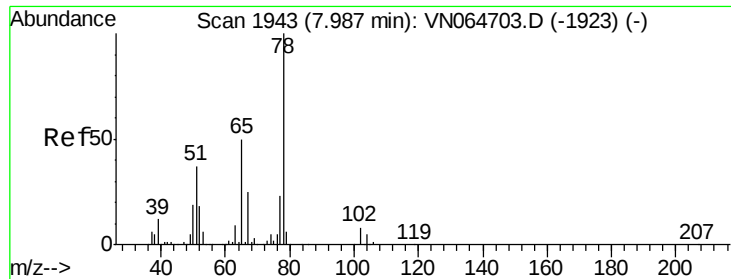
Tot Ion: 43 Resp: 311
Ion Ratio Lower Upper
43 100
72 0.0 19.7 29.5#



#31
Cyclohexane
Concen: 1.735 ug/l
RT: 7.63 min Scan# 1832
Delta R.T. 0.02 min
Lab File: VN064739.D
Acq: 19 Nov 2020 17:38

Tgt Ion: 56 Resp: 6982
Ion Ratio Lower Upper
56 100
69 134.9 27.2 40.8#
84 84.5 65.9 98.9

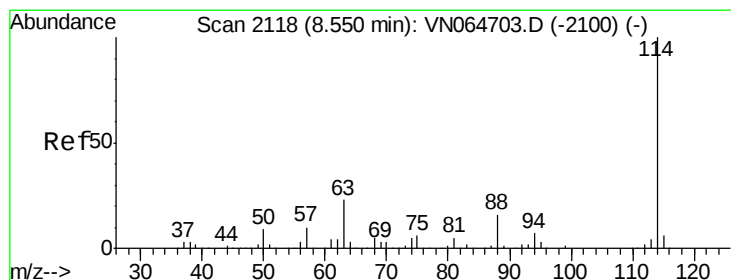
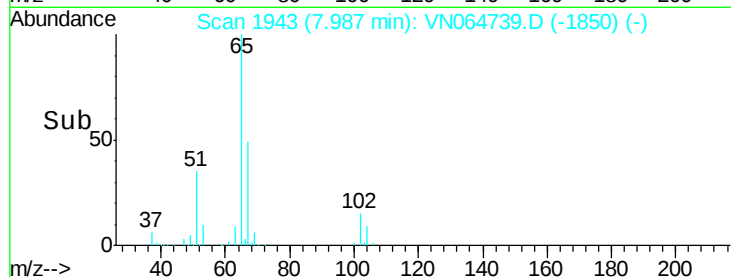
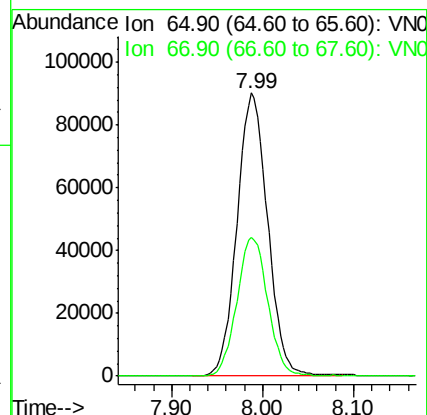
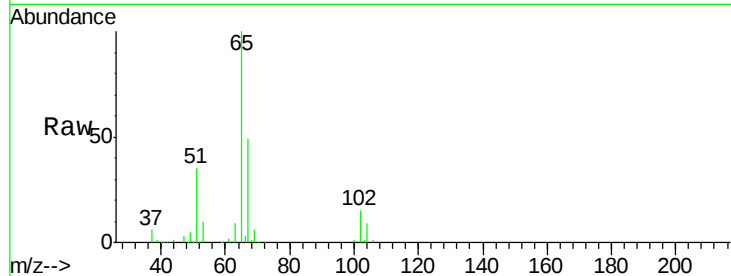




#33
 1,2-Dichloroethane-d4
 Concen: 56.824 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064739.D
 Acq: 19 Nov 2020 17:38

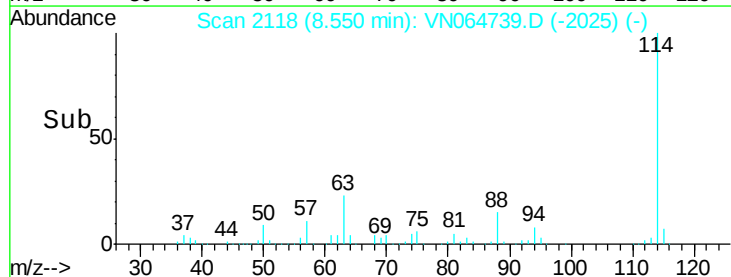
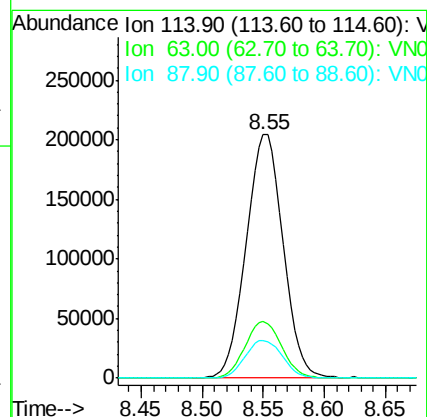
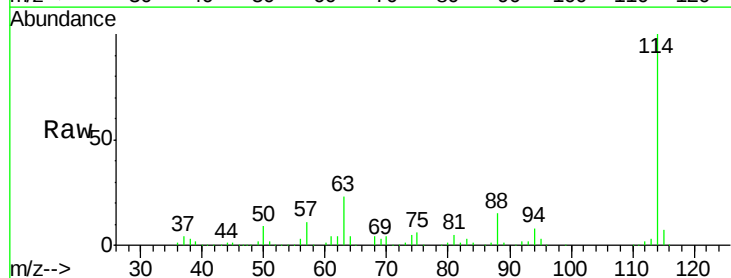
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11

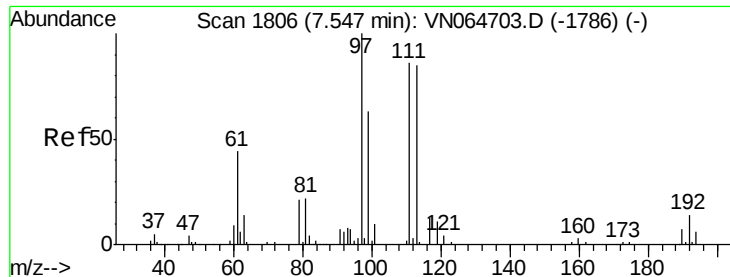
Tot Ion: 65 Resp: 211526
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064739.D
 Acq: 19 Nov 2020 17:38

Tgt Ion: 114 Resp: 427133
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 46.0
 88 15.4 0.0 31.2

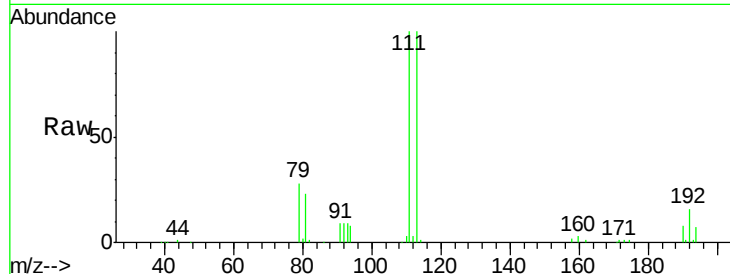




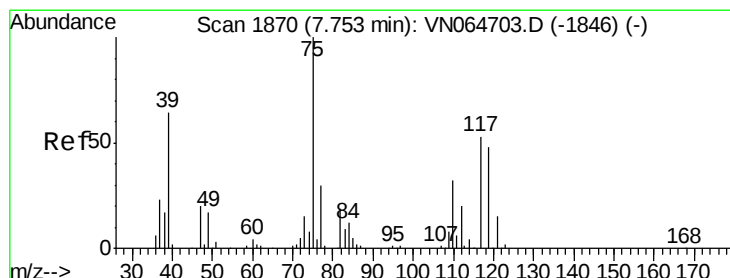
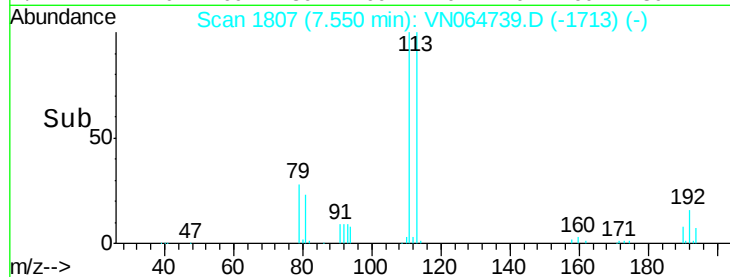
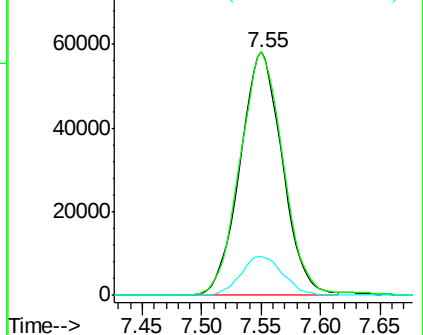
#35
 Dibromofluoromethane
 Concen: 58.929 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064739.D
 Acq: 19 Nov 2020 17:38

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.2	123.4
192	16.2	12.7	19.1

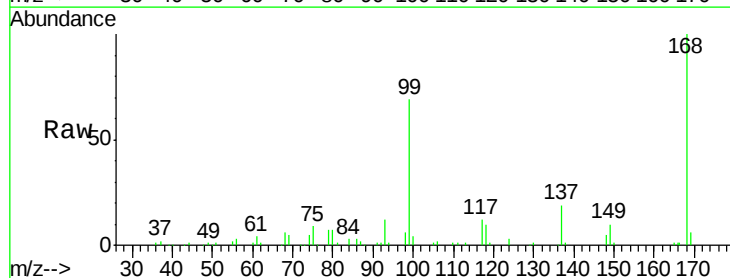


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

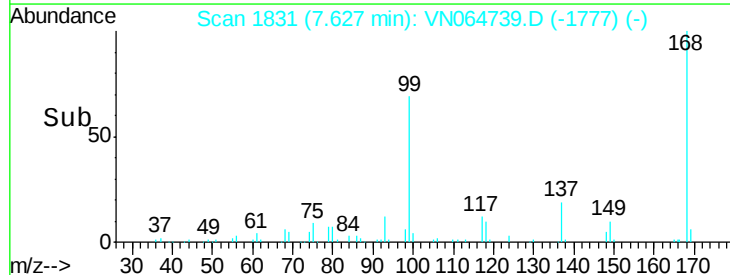
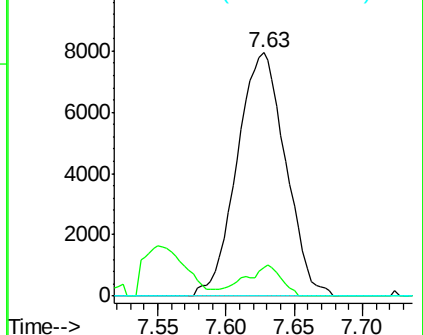


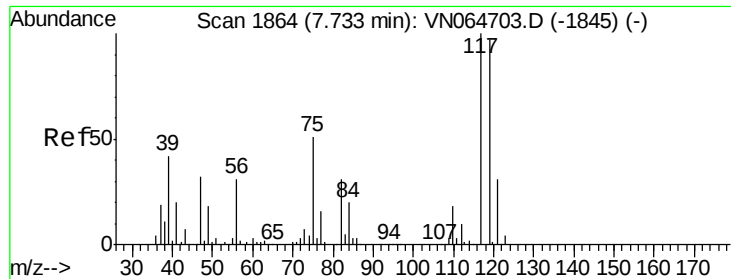
#36
 1,1-Dichloropropene
 Concen: 4.464 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN064739.D
 Acq: 19 Nov 2020 17:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.8	16.2	48.6#
77	0.0	24.4	36.6#



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





#38

Carbon Tetrachloride

Concen: 5.232 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN064739.D

Acq: 19 Nov 2020 17:38

Instrument :

MSVOA_N

ClientSampled :

MW-11

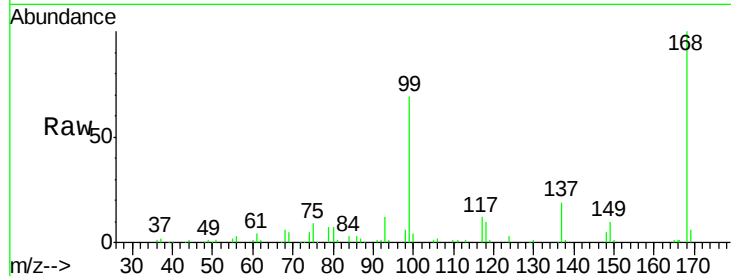
Tot Ion:117 Resp: 24435

Ion Ratio Lower Upper

117 100

119 5.6 77.8 116.6#

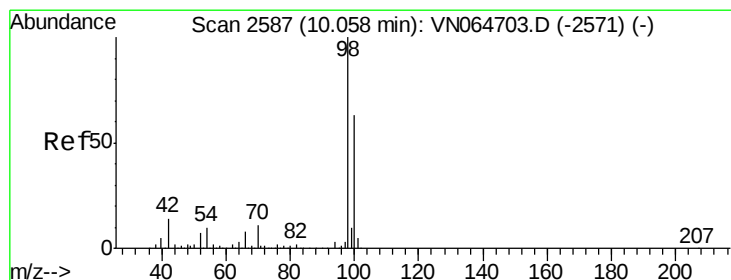
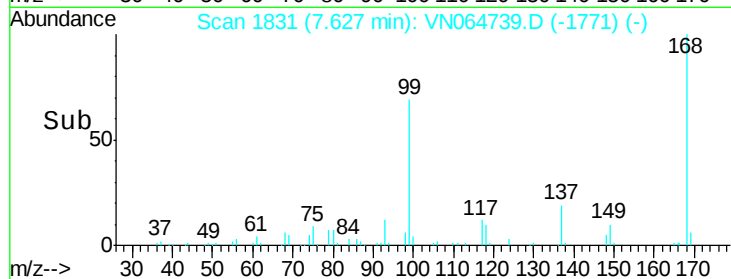
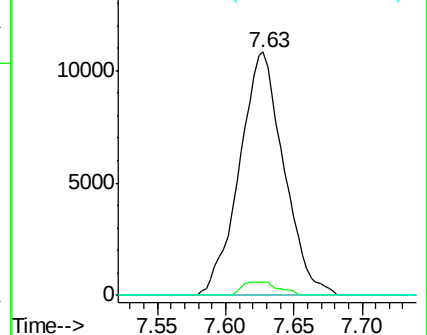
121 0.0 24.9 37.3#



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: 51.382 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064739.D

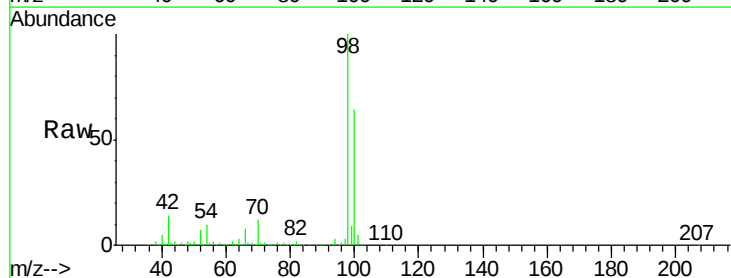
Acq: 19 Nov 2020 17:38

Tgt Ion: 98 Resp: 567720

Ion Ratio Lower Upper

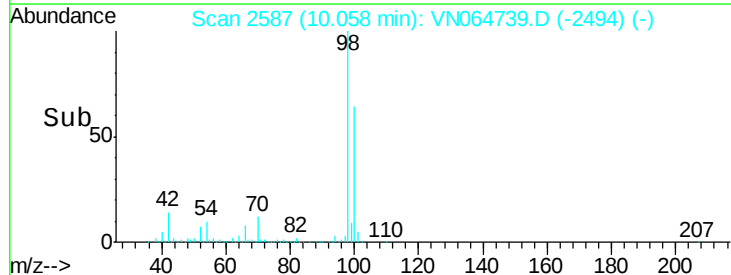
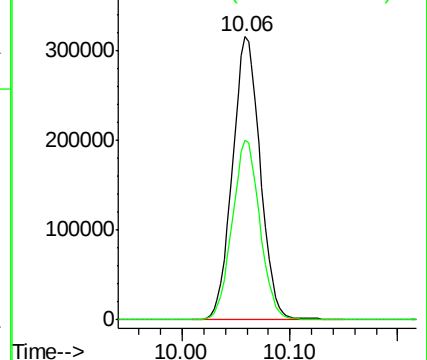
98 100

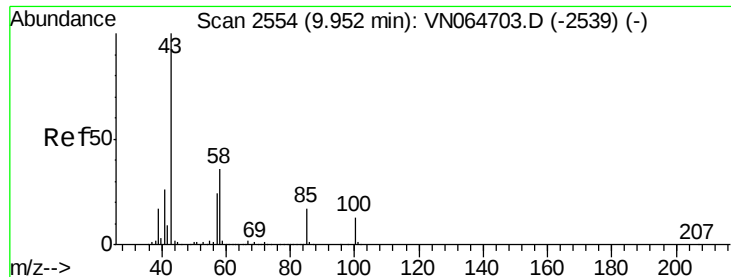
100 63.2 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

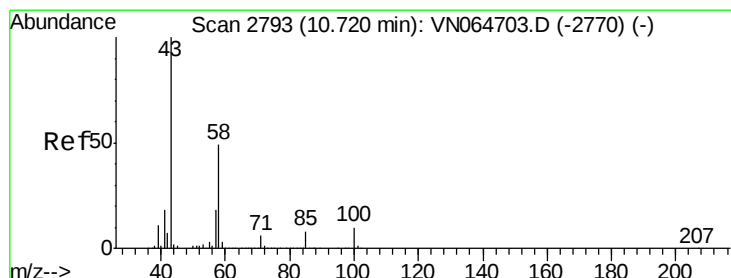
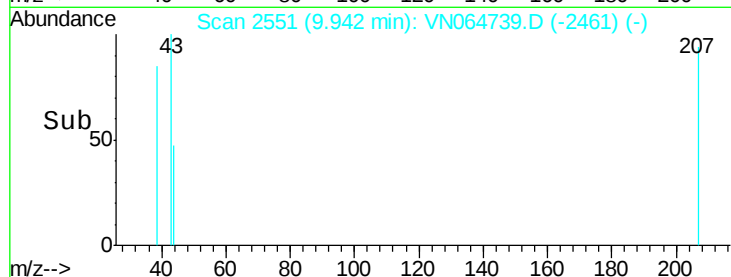
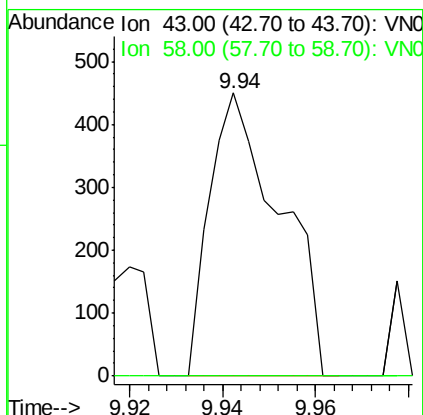
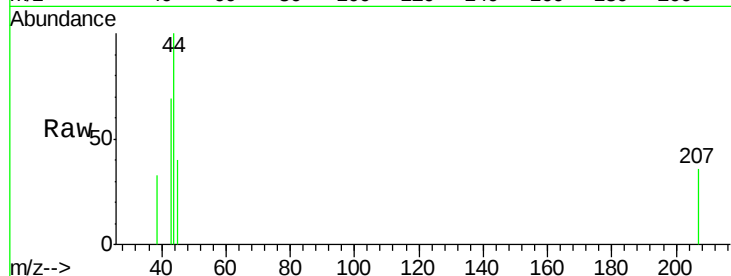




#51
4-Methyl-2-Pentanone
Concen: 6.237 ug/l
RT: 9.94 min Scan# 2551
Delta R.T. -0.01 min
Lab File: VN064739.D
Acq: 19 Nov 2020 17:38

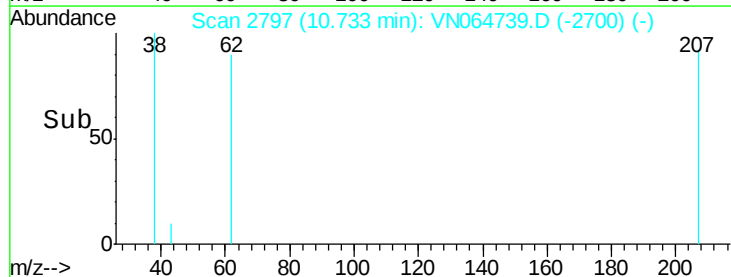
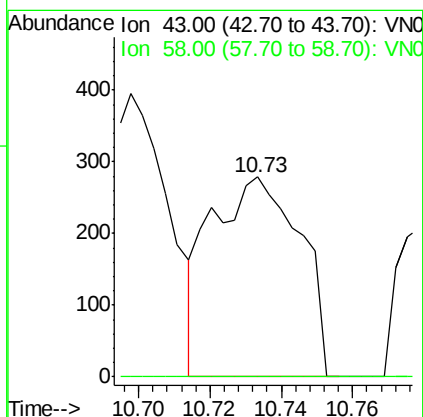
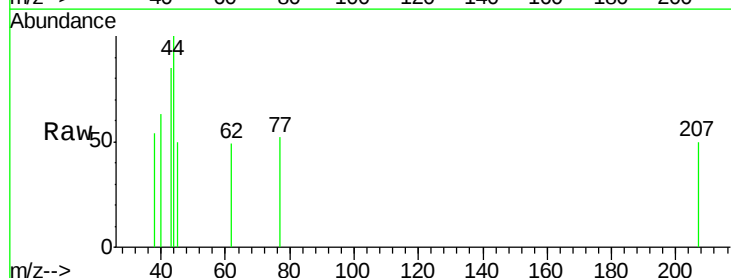
Instrument :
MSVOA_N
ClientSampled :
MW-11

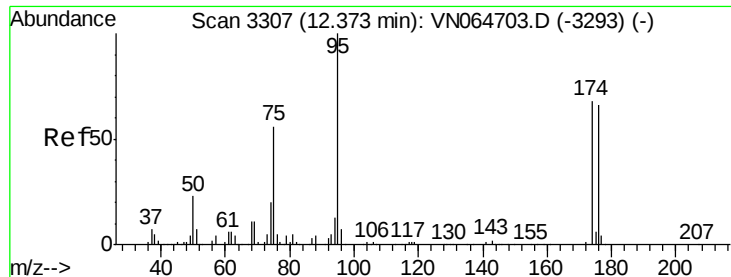
Tot Ion: 43 Resp: 473
Ion Ratio Lower Upper
43 100
58 0.0 28.5 42.7#



#59
2-Hexanone
Concen: 8.586 ug/l
RT: 10.73 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN064739.D
Acq: 19 Nov 2020 17:38

Tgt Ion: 43 Resp: 480
Ion Ratio Lower Upper
43 100
58 0.0 24.4 73.4#

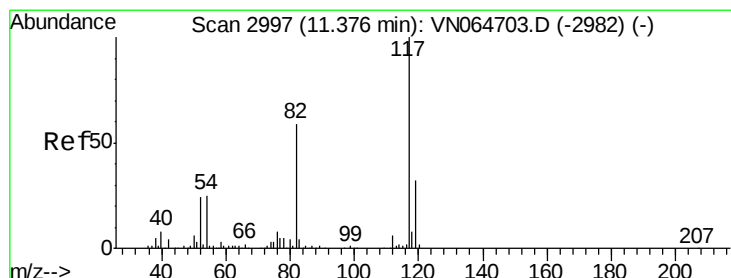
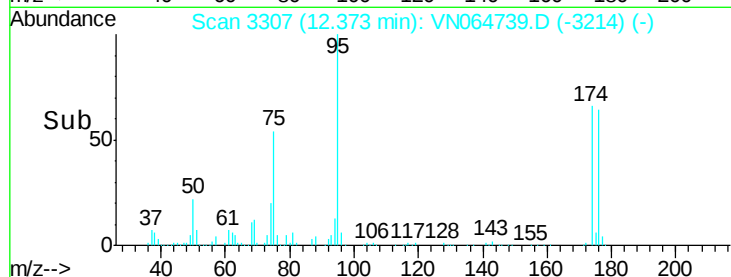
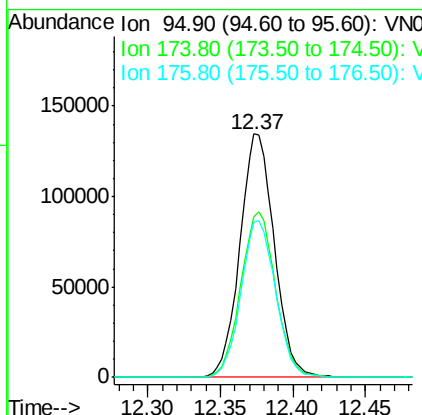
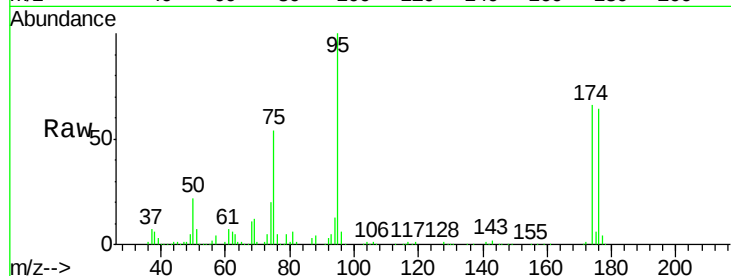




#62
4-Bromofluorobenzene
Concen: 53.800 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN064739.D
Acq: 19 Nov 2020 17:38

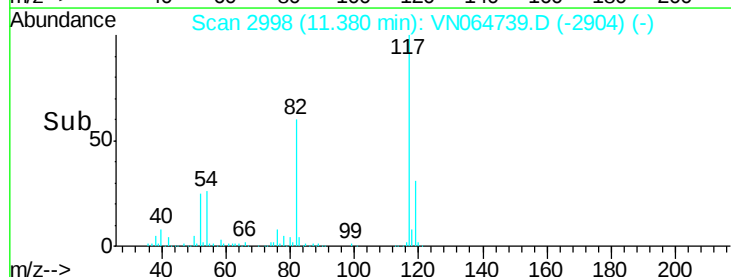
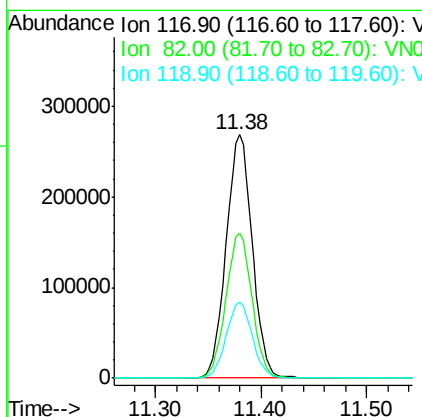
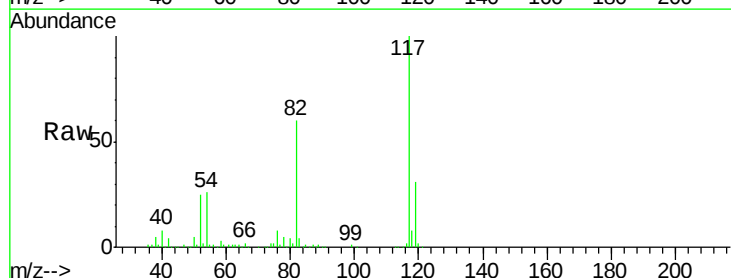
Instrument :
MSVOA_N
ClientSampled :
MW-11

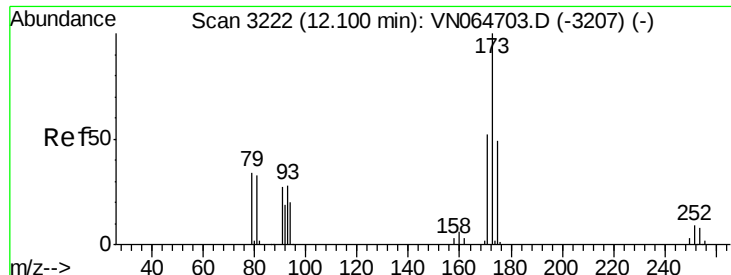
Tot Ion: 95 Resp: 222189
Ion Ratio Lower Upper
95 100
174 69.0 0.0 136.8
176 64.6 0.0 134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064739.D
Acq: 19 Nov 2020 17:38

Tgt Ion: 117 Resp: 459075
Ion Ratio Lower Upper
117 100
82 59.7 47.0 70.6
119 31.2 25.4 38.2

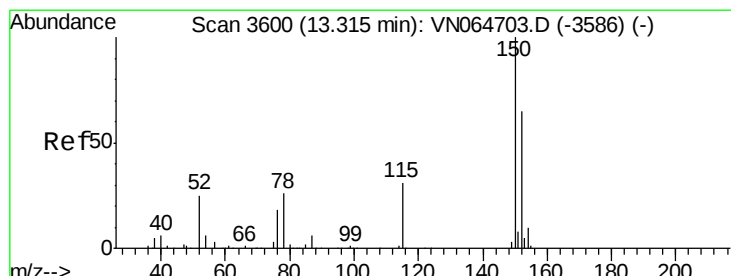
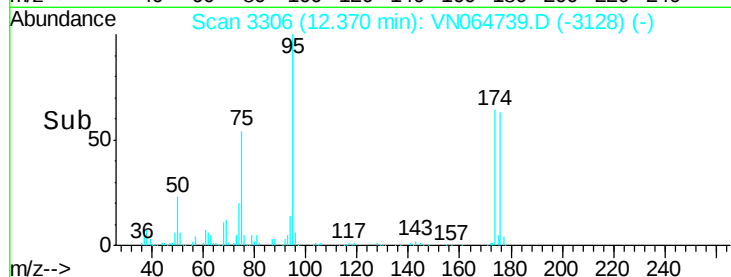
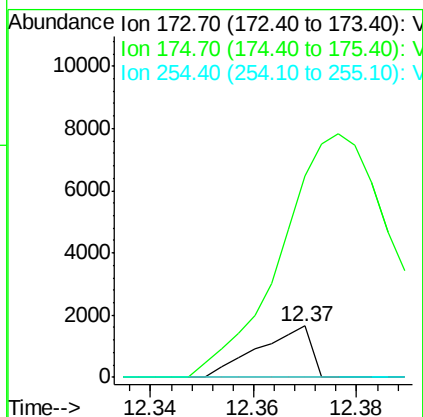
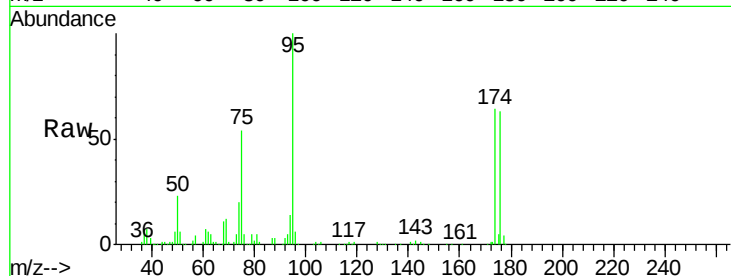




#71
Bromoform
Concen: 2.833 ug/l
RT: 12.37 min Scan# 3306
Delta R.T. 0.27 min
Lab File: VN064739.D
Acq: 19 Nov 2020 17:38

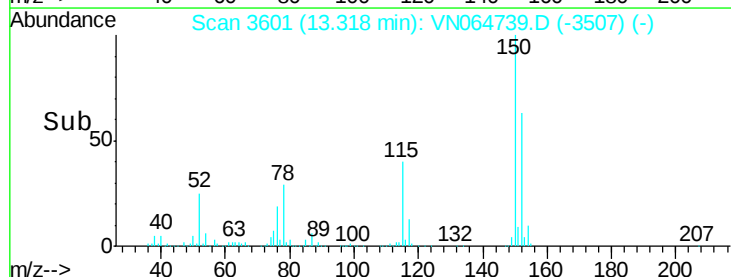
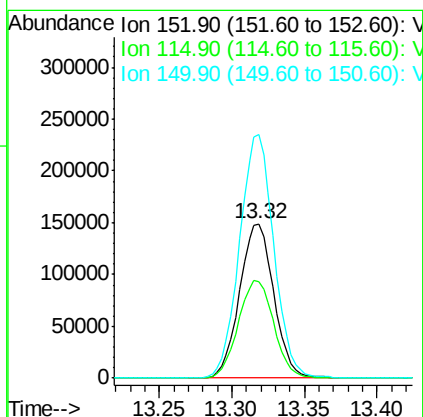
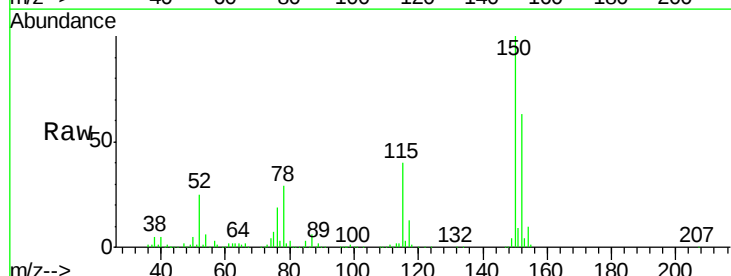
Instrument :
MSVOA_N
ClientSampled :
MW-11

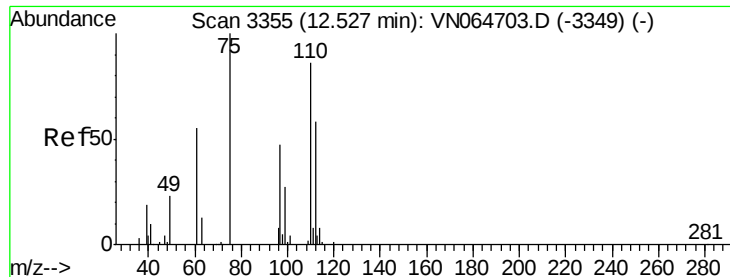
Tot Ion:173 Resp: 1153
Ion Ratio Lower Upper
173 100
175 883.3 24.3 72.9#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064739.D
Acq: 19 Nov 2020 17:38

Tgt Ion:152 Resp: 245127
Ion Ratio Lower Upper
152 100
115 66.0 32.1 96.3
150 157.8 0.0 344.8





#76

1,2,3-Trichloropropane

Concen: 23.590 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN064739.D

Acq: 19 Nov 2020 17:38

Instrument :

MSVOA_N

ClientSampled :

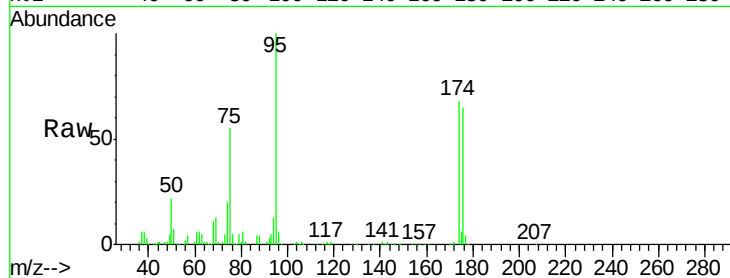
MW-11

Tot Ion: 75 Resp: 124596

Ion Ratio Lower Upper

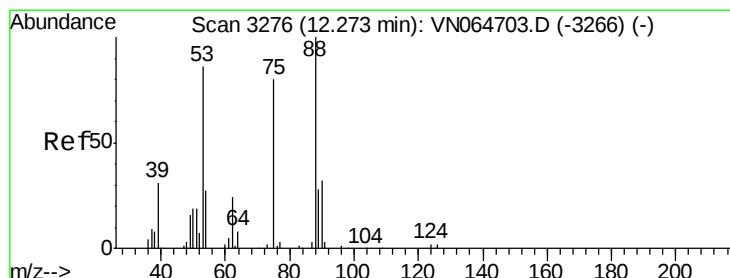
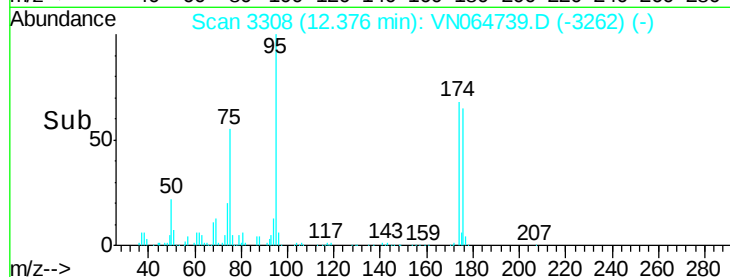
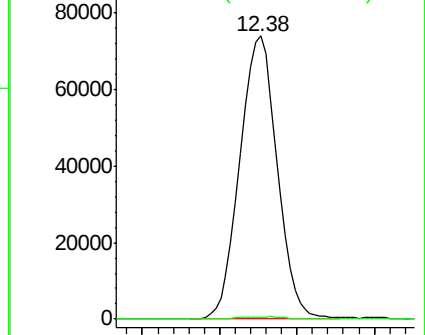
75 100

77 0.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 60.463 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN064739.D

Acq: 19 Nov 2020 17:38

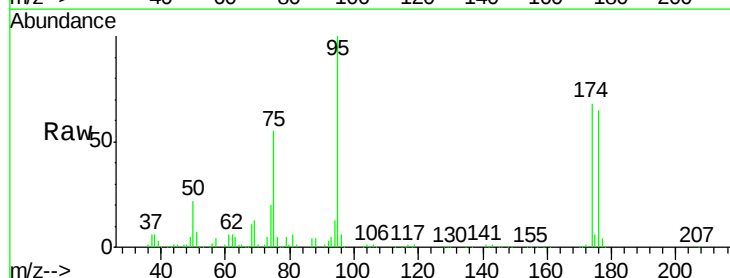
Tgt Ion: 75 Resp: 124596

Ion Ratio Lower Upper

75 100

53 0.4 88.8 133.2#

89 0.0 43.1 64.7#



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

