

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112320\
 Data File : VN064795.D
 Acq On : 24 Nov 2020 1:09
 Operator : JC/MD
 Sample : L4829-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-17

Quant Time: Nov 24 03:24:36 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	156712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	275241	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	244733	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.31	152	86271	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	107291	58.89	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	117.78%		
35) Dibromofluoromethane	7.54	113	94393	57.31	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	114.62%		
50) Toluene-d8	10.05	98	337962	50.22	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.44%		
62) 4-Bromofluorobenzene	12.37	95	101436	42.12	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	84.24%		

Target Compounds

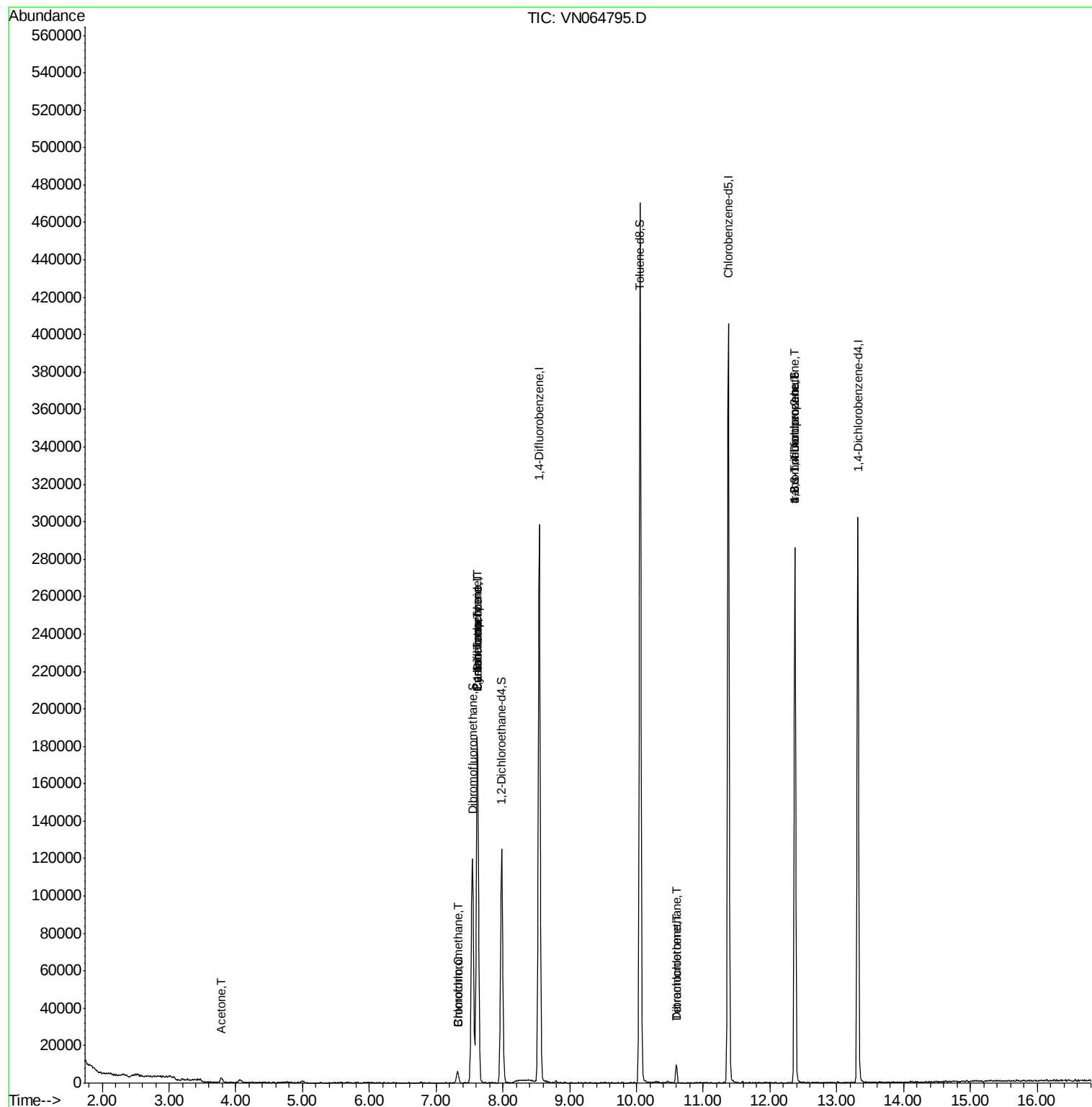
					Qvalue	
16) Acetone	3.78	43	4221	7.048	ug/l	98
28) Bromochloromethane	7.32	49	367	0.268	ug/l #	10
30) Chloroform	7.32	83	6851	2.216	ug/l	93
31) Cyclohexane	7.61	56	2926	1.152	ug/l #	2
36) 1,1-Dichloropropene	7.61	75	10942	4.289	ug/l #	47
38) Carbon Tetrachloride	7.62	117	14762	5.561	ug/l #	18
60) Dibromochloromethane	10.59	129	2278	1.035	ug/l #	10
64) Tetrachloroethene	10.59	164	2339	0.982	ug/l	91
76) 1,2,3-Trichloropropane	12.37	75	47210	25.410	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.37	75	47210	69.643	ug/l #	15

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112320\
Data File : VN064795.D
Acq On : 24 Nov 2020 1:09
Operator : JC/MD
Sample : L4829-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-17

Quant Time: Nov 24 03:24:36 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.01 min

Lab File: VN064795.D

Acq: 24 Nov 2020 1:09

Instrument :

MSVOA_N

ClientSampled :

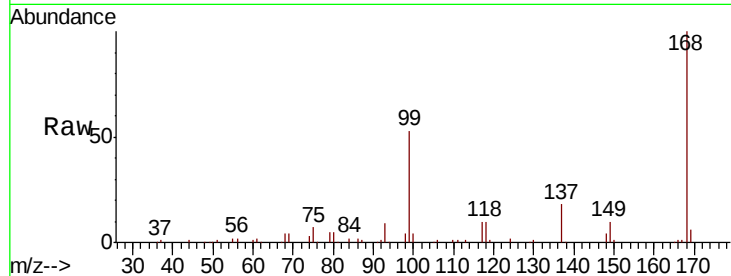
MW-17

Tot Ion:168 Resp: 156712

Ion Ratio Lower Upper

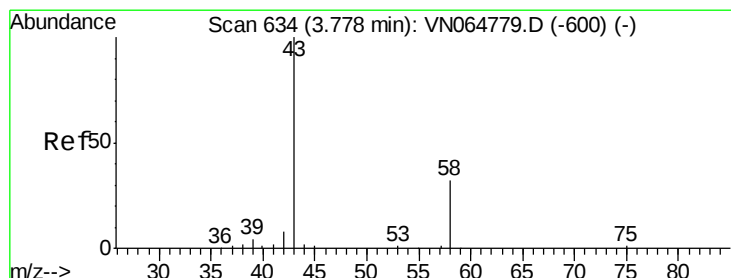
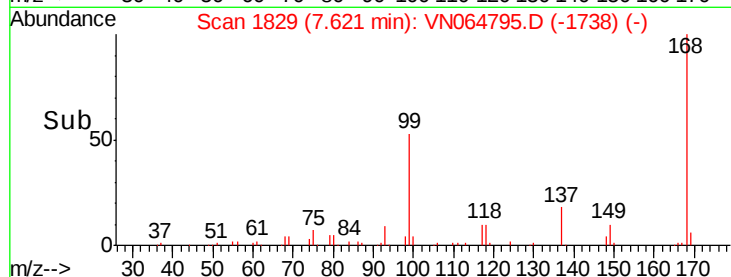
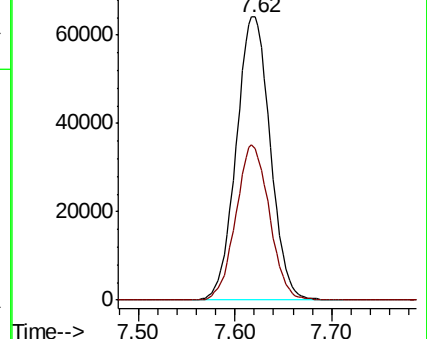
168 100

99 53.5 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 7.048 ug/l

RT: 3.78 min Scan# 634

Delta R.T. -0.00 min

Lab File: VN064795.D

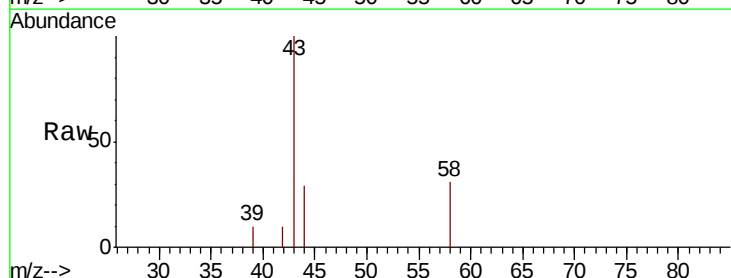
Acq: 24 Nov 2020 1:09

Tgt Ion: 43 Resp: 4221

Ion Ratio Lower Upper

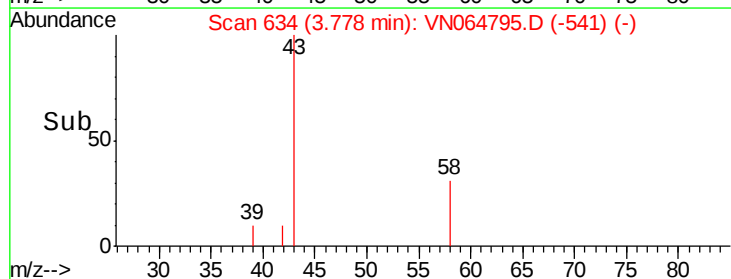
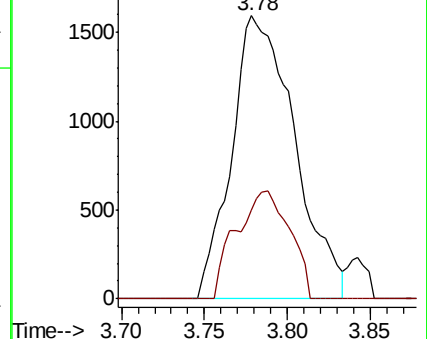
43 100

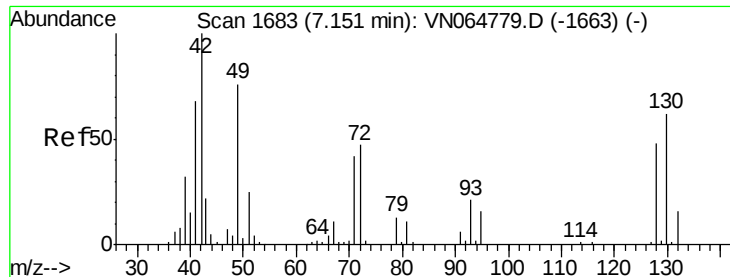
58 31.3 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#28

Bromochloromethane

Concen: 0.268 ug/l

RT: 7.32 min Scan# 1737

Delta R.T. 0.17 min

Lab File: VN064795.D

Acq: 24 Nov 2020 1:09

Instrument :

MSVOA_N

ClientSampleId :

MW-17

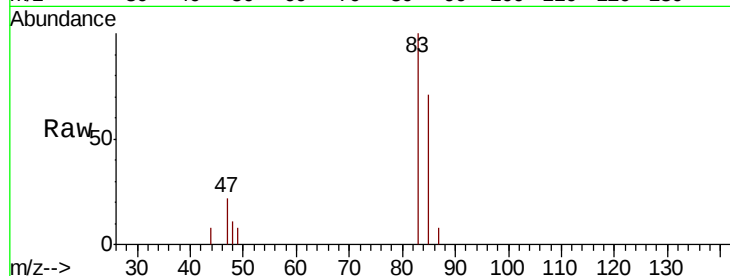
Tot Ion: 49 Resp: 367

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 0.0 66.2 99.2#



Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

7.32

250

200

150

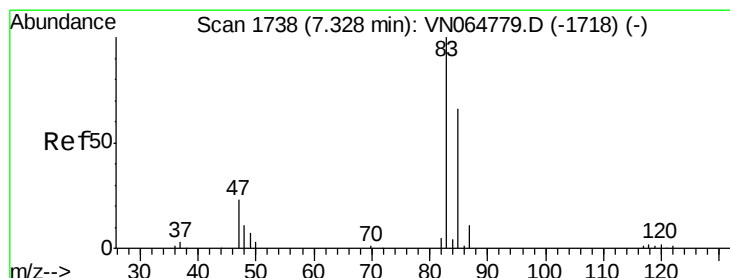
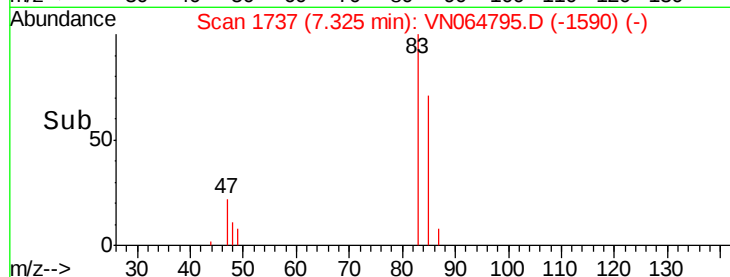
100

50

0

7.28 7.30 7.32 7.34

Time-->



#30

Chloroform

Concen: 2.216 ug/l

RT: 7.32 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VN064795.D

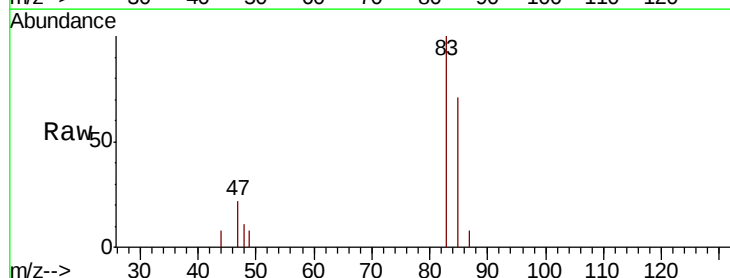
Acq: 24 Nov 2020 1:09

Tgt Ion: 83 Resp: 6851

Ion Ratio Lower Upper

83 100

85 71.1 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

3000

2500

2000

1500

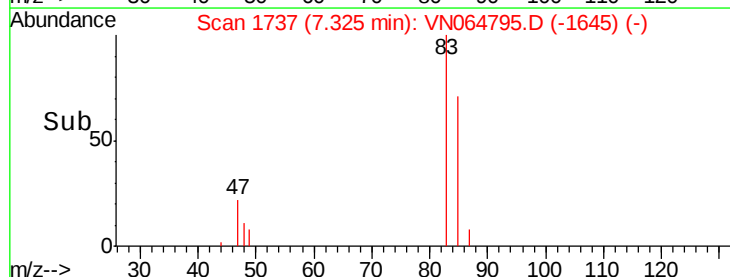
1000

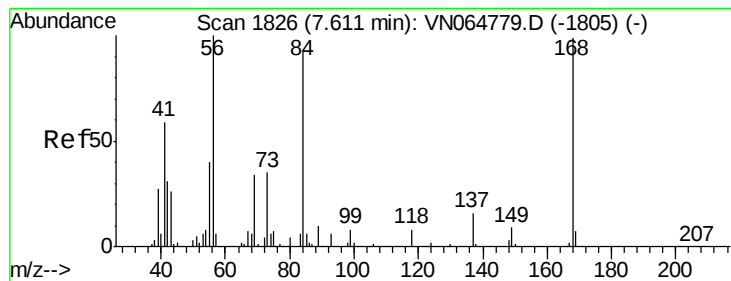
500

0

7.25 7.30 7.35 7.40

Time-->





#31

Cyclohexane

Concen: 1.152 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064795.D

Acq: 24 Nov 2020 1:09

Instrument :

MSVOA_N

ClientSampleId :

MW-17

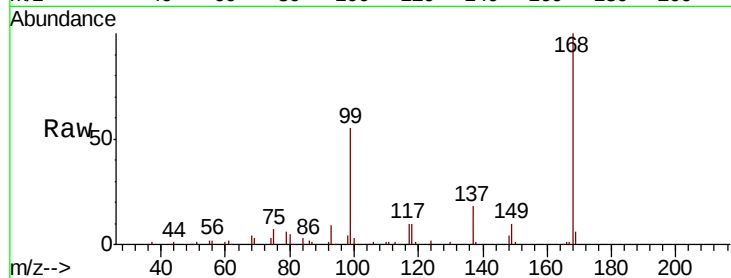
Tot Ion: 56 Resp: 2926

Ion Ratio Lower Upper

56 100

69 168.2 27.5 41.3#

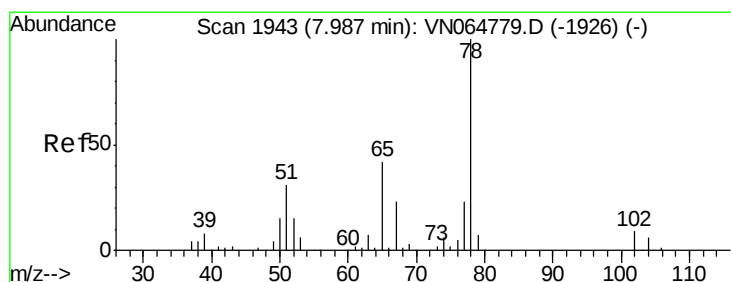
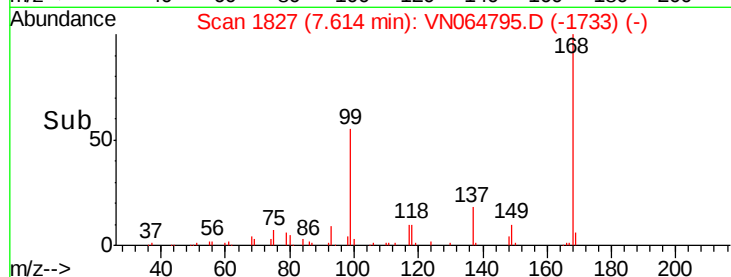
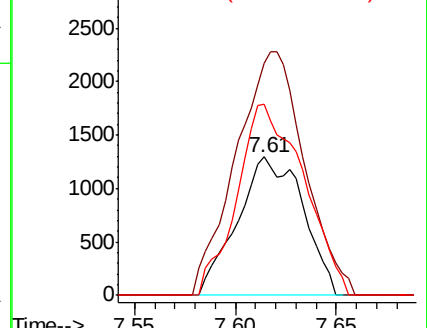
84 138.0 73.9 110.9#



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: 58.890 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN064795.D

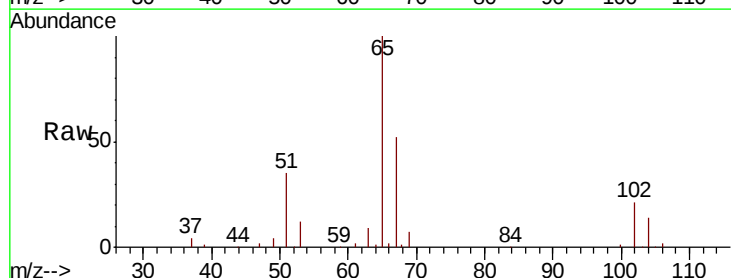
Acq: 24 Nov 2020 1:09

Tgt Ion: 65 Resp: 107291

Ion Ratio Lower Upper

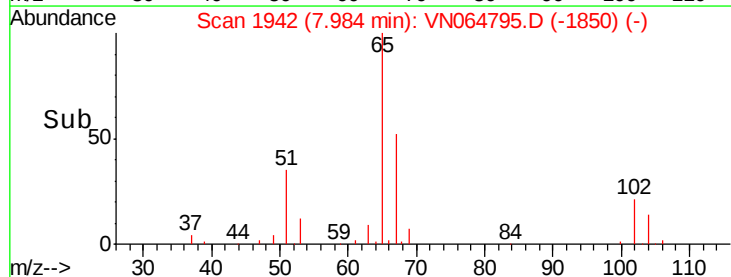
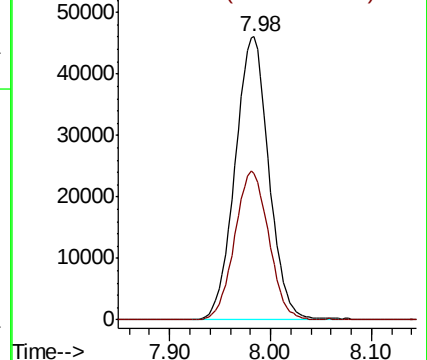
65 100

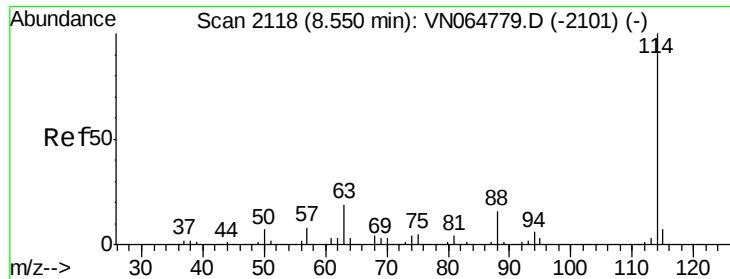
67 52.9 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

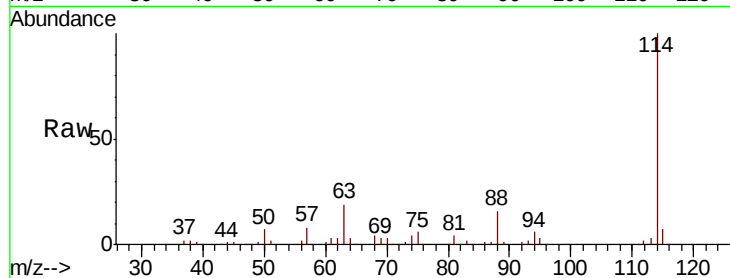




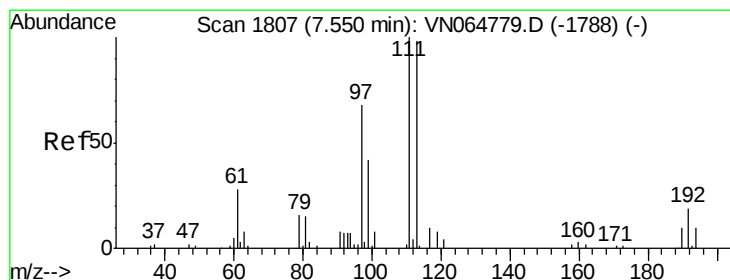
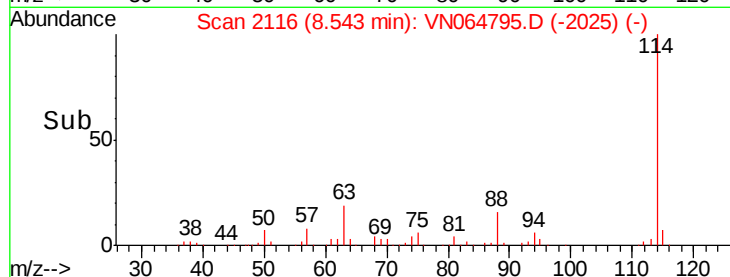
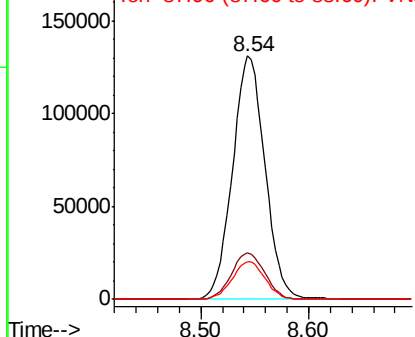
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.54 min Scan# 2116
 Delta R.T. -0.01 min
 Lab File: VN064795.D
 Acq: 24 Nov 2020 1:09

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-17

Tot Ion:114 Resp: 275241
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.6
 88 15.7 0.0 32.6

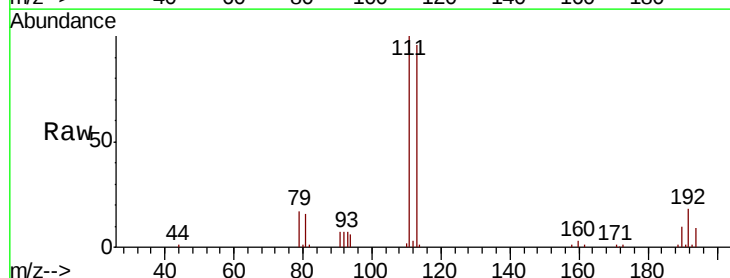


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

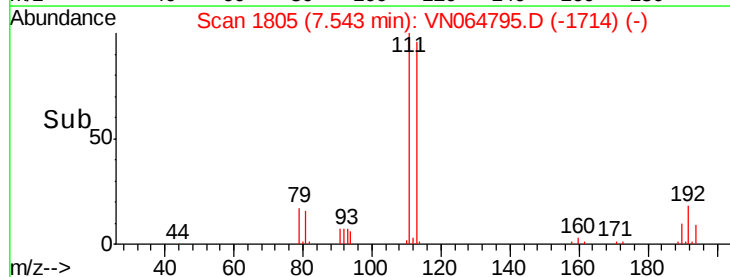
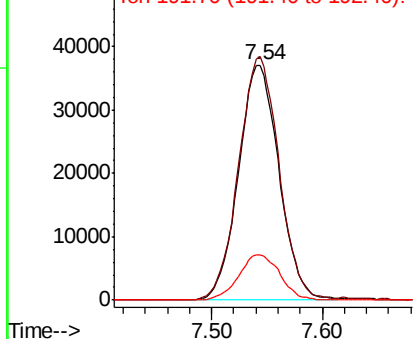


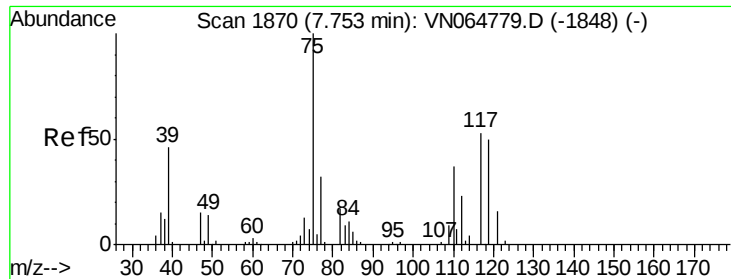
#35
 Dibromofluoromethane
 Concen: 57.314 ug/l
 RT: 7.54 min Scan# 1805
 Delta R.T. -0.01 min
 Lab File: VN064795.D
 Acq: 24 Nov 2020 1:09

Tgt Ion:113 Resp: 94393
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.6 122.4
 192 19.5 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

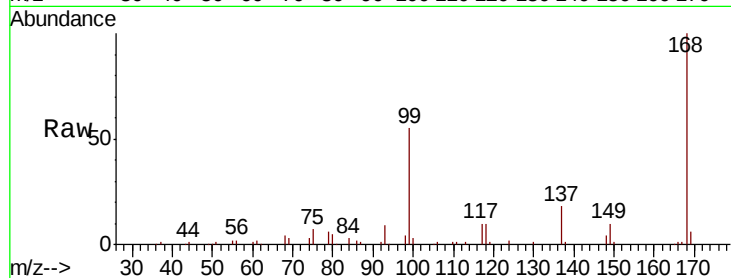




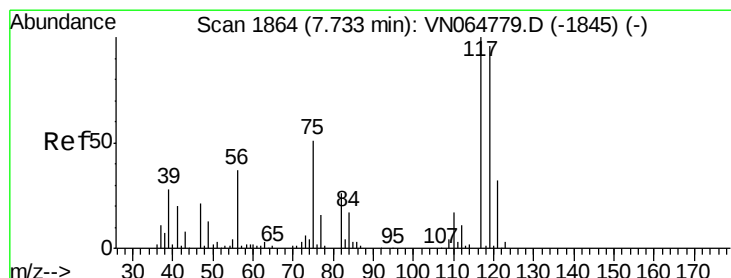
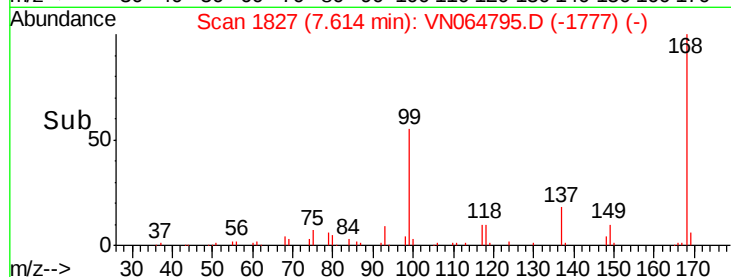
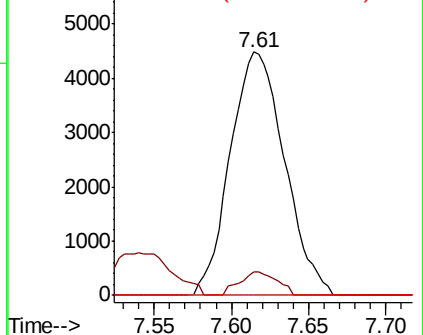
#36
 1,1-Dichloropropene
 Concen: 4.289 ug/l
 RT: 7.61 min Scan# 1827
 Delta R.T. -0.14 min
 Lab File: VN064795.D
 Acq: 24 Nov 2020 1:09

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-17

Tot Ion	Ratio	Lower	Upper
75	100		
110	6.6	17.8	53.3#
77	0.0	25.0	37.4#

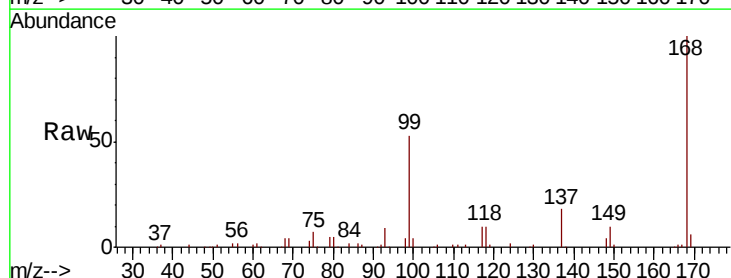


Abundance Ion 74.90 (74.60 to 75.60): VN064779.D (-1848) (-)
 Ion 109.90 (109.60 to 110.60): VN064779.D (-1848) (-)
 Ion 76.90 (76.60 to 77.60): VN064779.D (-1848) (-)

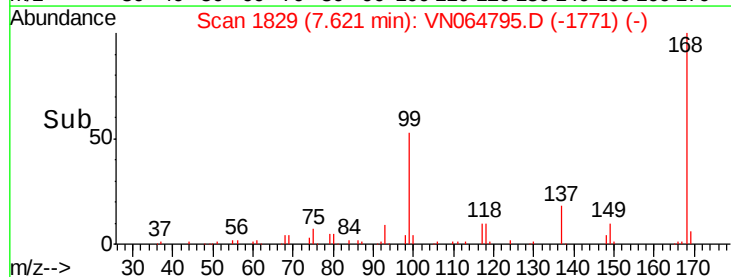
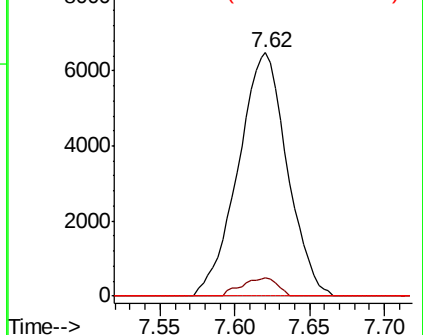


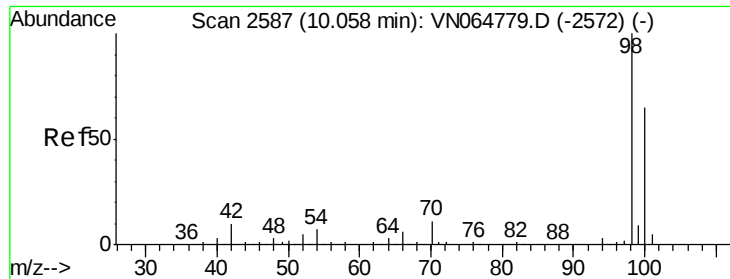
#38
 Carbon Tetrachloride
 Concen: 5.561 ug/l
 RT: 7.62 min Scan# 1829
 Delta R.T. -0.11 min
 Lab File: VN064795.D
 Acq: 24 Nov 2020 1:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	7.5	76.7	115.1#
121	0.0	25.4	38.2#



Abundance Ion 116.80 (116.50 to 117.50): VN064779.D (-1845) (-)
 Ion 118.80 (118.50 to 119.50): VN064779.D (-1845) (-)
 Ion 120.80 (120.50 to 121.50): VN064779.D (-1845) (-)





#50

Toluene-d8

Concen: 50.222 ug/l

RT: 10.05 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN064795.D

Acq: 24 Nov 2020 1:09

Instrument :

MSVOA_N

ClientSampled :

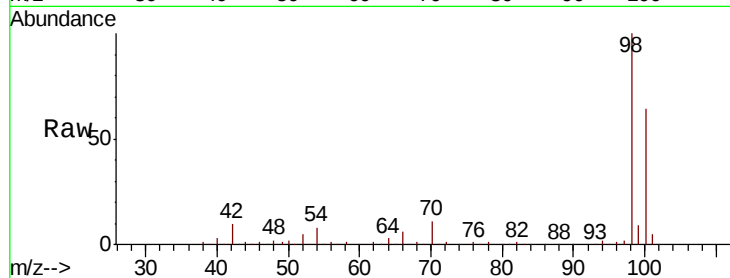
MW-17

Tot Ion: 98 Resp: 337962

Ion Ratio Lower Upper

98 100

100 64.1 51.7 77.5



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

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

10.05

200000

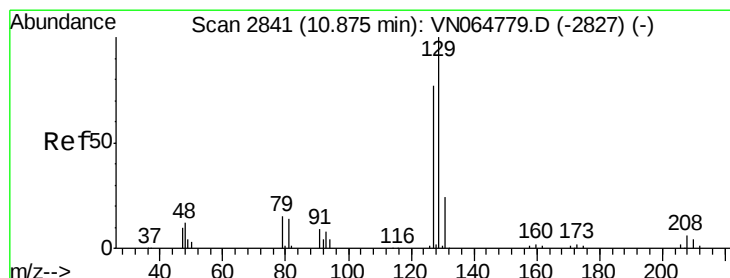
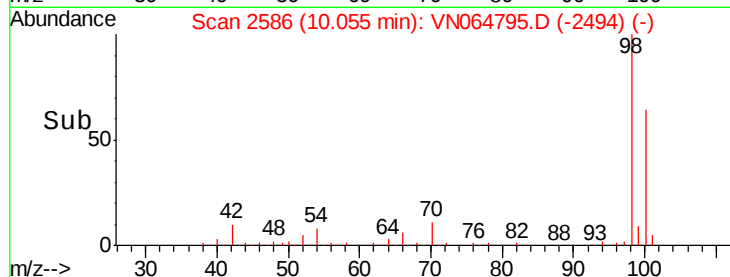
150000

100000

50000

0

Time-->



#60

Dibromochloromethane

Concen: 1.035 ug/l

RT: 10.59 min Scan# 2754

Delta R.T. -0.28 min

Lab File: VN064795.D

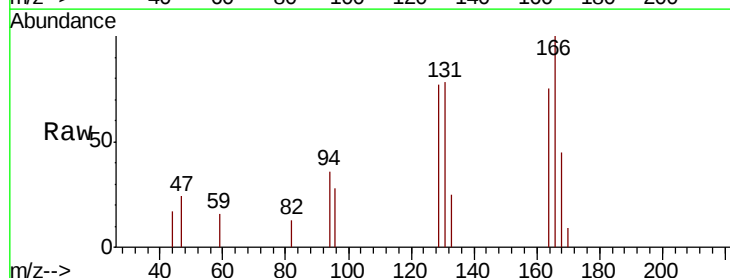
Acq: 24 Nov 2020 1:09

Tgt Ion: 129 Resp: 2278

Ion Ratio Lower Upper

129 100

127 0.0 39.1 117.2#



Abundance Ion 128.80 (128.50 to 129.50): VN064779.D (-2827) (-)

Ion 126.80 (126.50 to 127.50): VN064779.D (-2827) (-)

10.59

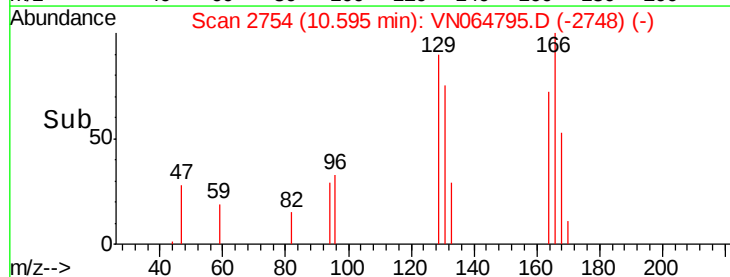
1500

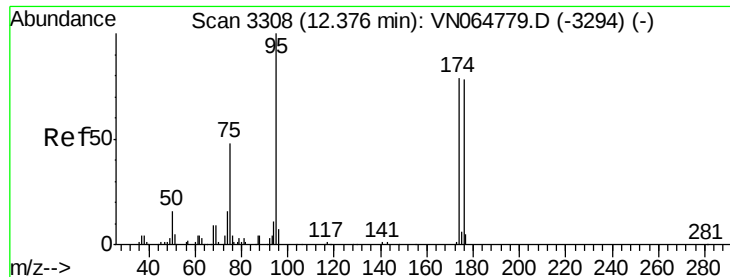
1000

500

0

Time-->

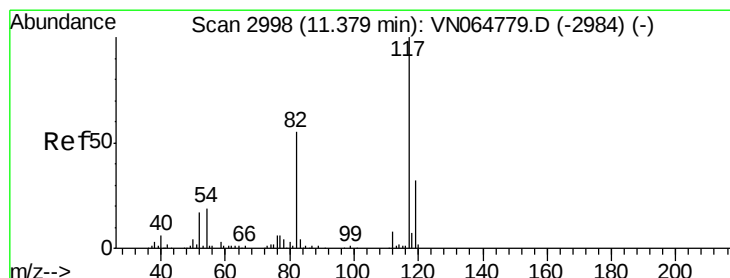
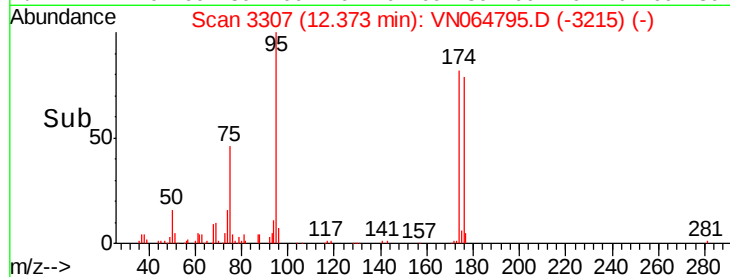
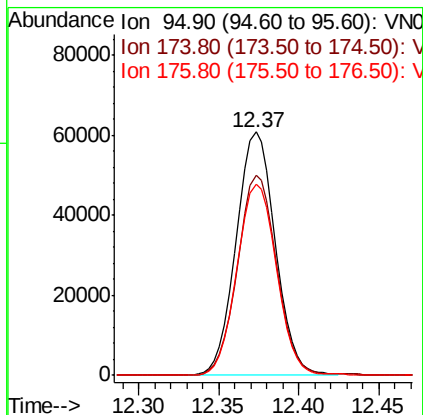
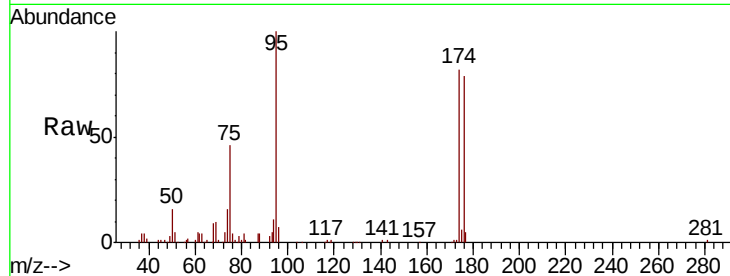




#62
4-Bromofluorobenzene
Concen: 42.119 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN064795.D
Acq: 24 Nov 2020 1:09

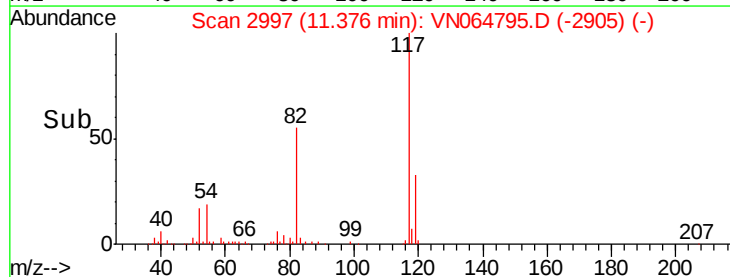
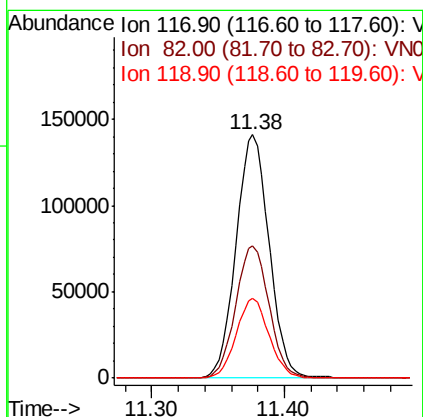
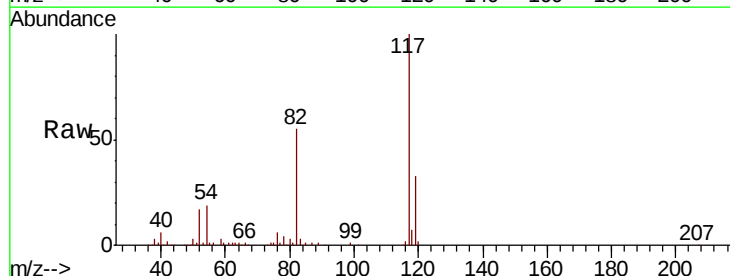
Instrument :
MSVOA_N
ClientSampled :
MW-17

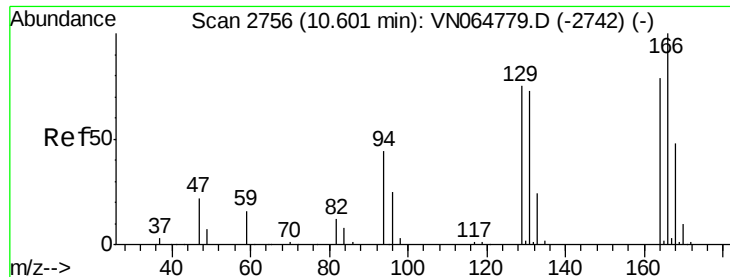
Tot Ion: 95 Resp: 101436
Ion Ratio Lower Upper
95 100
174 82.2 0.0 160.4
176 79.7 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064795.D
Acq: 24 Nov 2020 1:09

Tgt Ion: 117 Resp: 244733
Ion Ratio Lower Upper
117 100
82 54.5 44.2 66.2
119 32.9 25.8 38.6

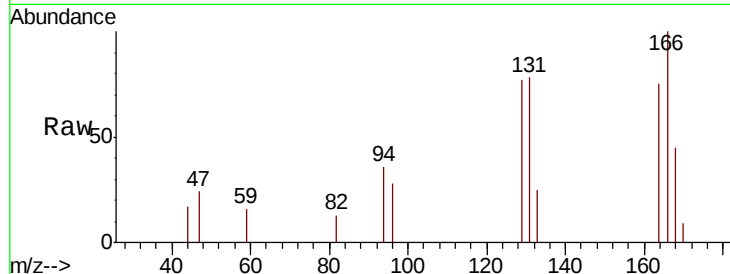




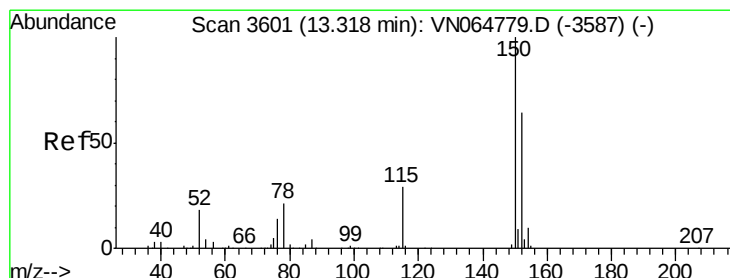
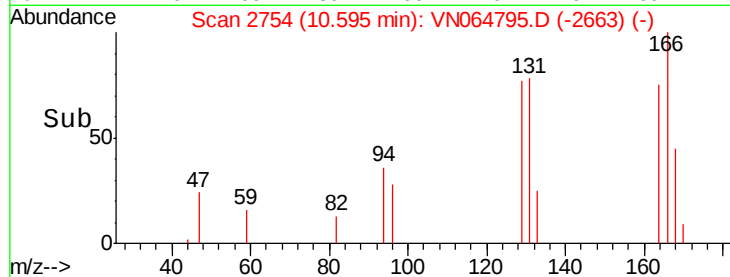
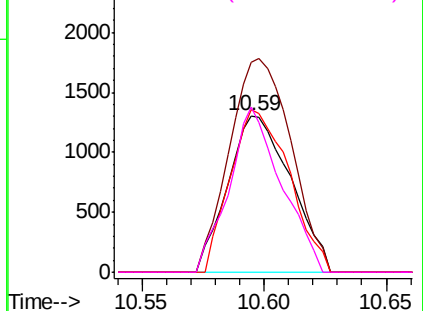
#64
Tetrachloroethene
Concen: 0.982 ug/l
RT: 10.59 min Scan# 2754
Delta R.T. -0.01 min
Lab File: VN064795.D
Acq: 24 Nov 2020 1:09

Instrument :
MSVOA_N
ClientSampleId :
MW-17

Tot Ion:164 Resp: 2339
Ion Ratio Lower Upper
164 100
166 134.2 101.4 152.0
129 103.6 76.1 114.1
131 105.2 74.2 111.2

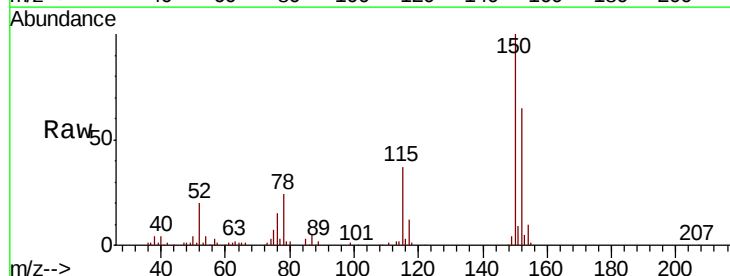


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

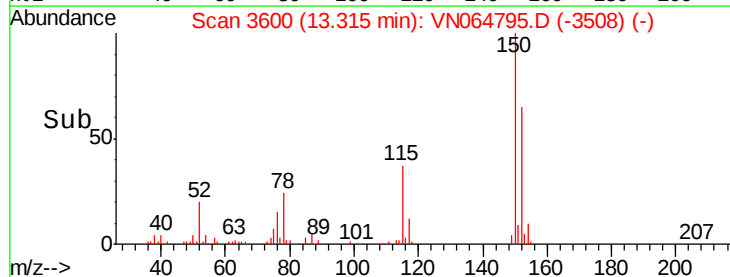
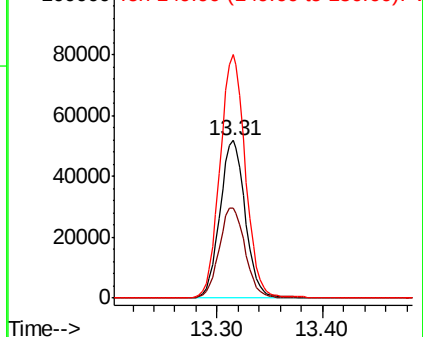


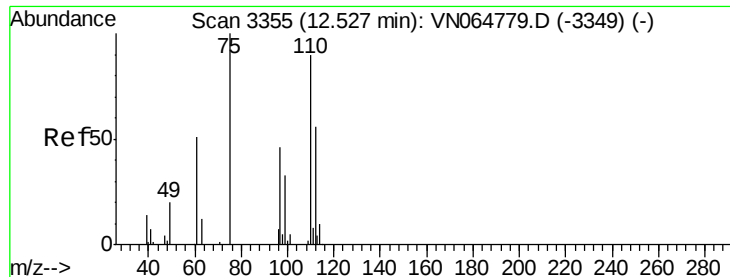
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.31 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064795.D
Acq: 24 Nov 2020 1:09

Tgt Ion:152 Resp: 86271
Ion Ratio Lower Upper
152 100
115 58.3 29.7 89.1
150 155.0 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





#76

1,2,3-Trichloropropane

Concen: 25.410 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN064795.D

Acq: 24 Nov 2020 1:09

Instrument :

MSVOA_N

ClientSampleId :

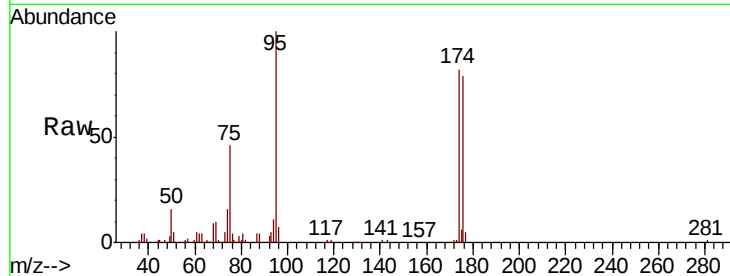
MW-17

Tot Ion: 75 Resp: 47210

Ion Ratio Lower Upper

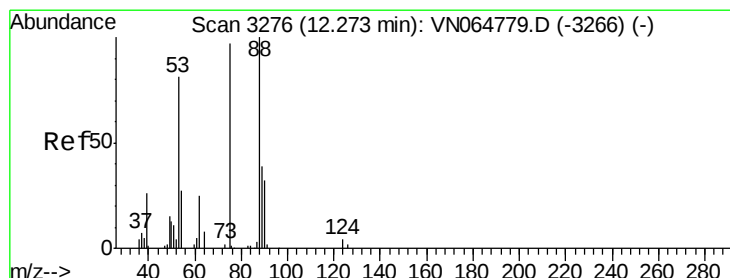
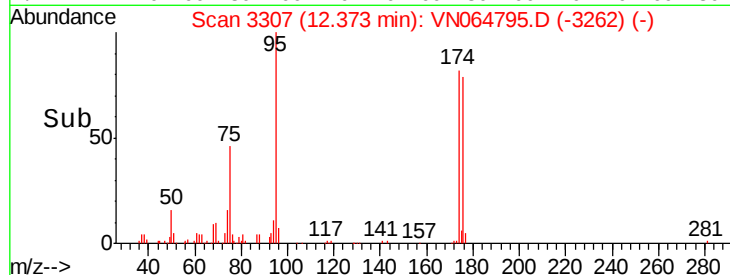
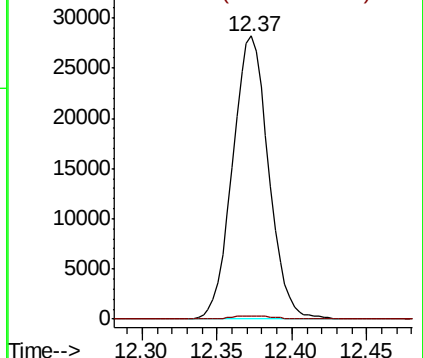
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO



#81

trans-1,4-Dichloro-2-butene

Concen: 69.643 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN064795.D

Acq: 24 Nov 2020 1:09

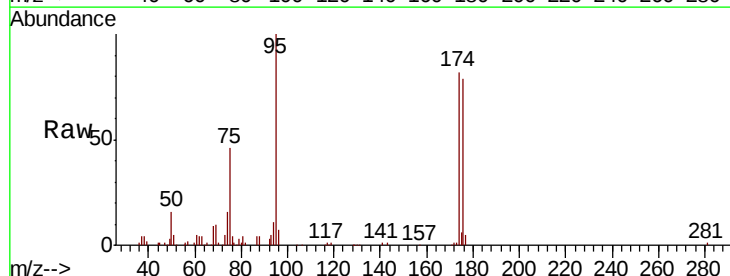
Tgt Ion: 75 Resp: 47210

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): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

