

Data File : VN061192.D
Acq On : 29 Apr 2020 15:00
Operator : JC/MD
Sample : L2443-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB180-GW-638-640

Quant Time: Apr 30 03:04:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 29 08:14:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	92448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	166400	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	161693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	73358	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	76545	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
35) Dibromofluoromethane	7.55	113	51354	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	
50) Toluene-d8	10.06	98	205824	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
62) 4-Bromofluorobenzene	12.38	95	77516	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	

Target Compounds

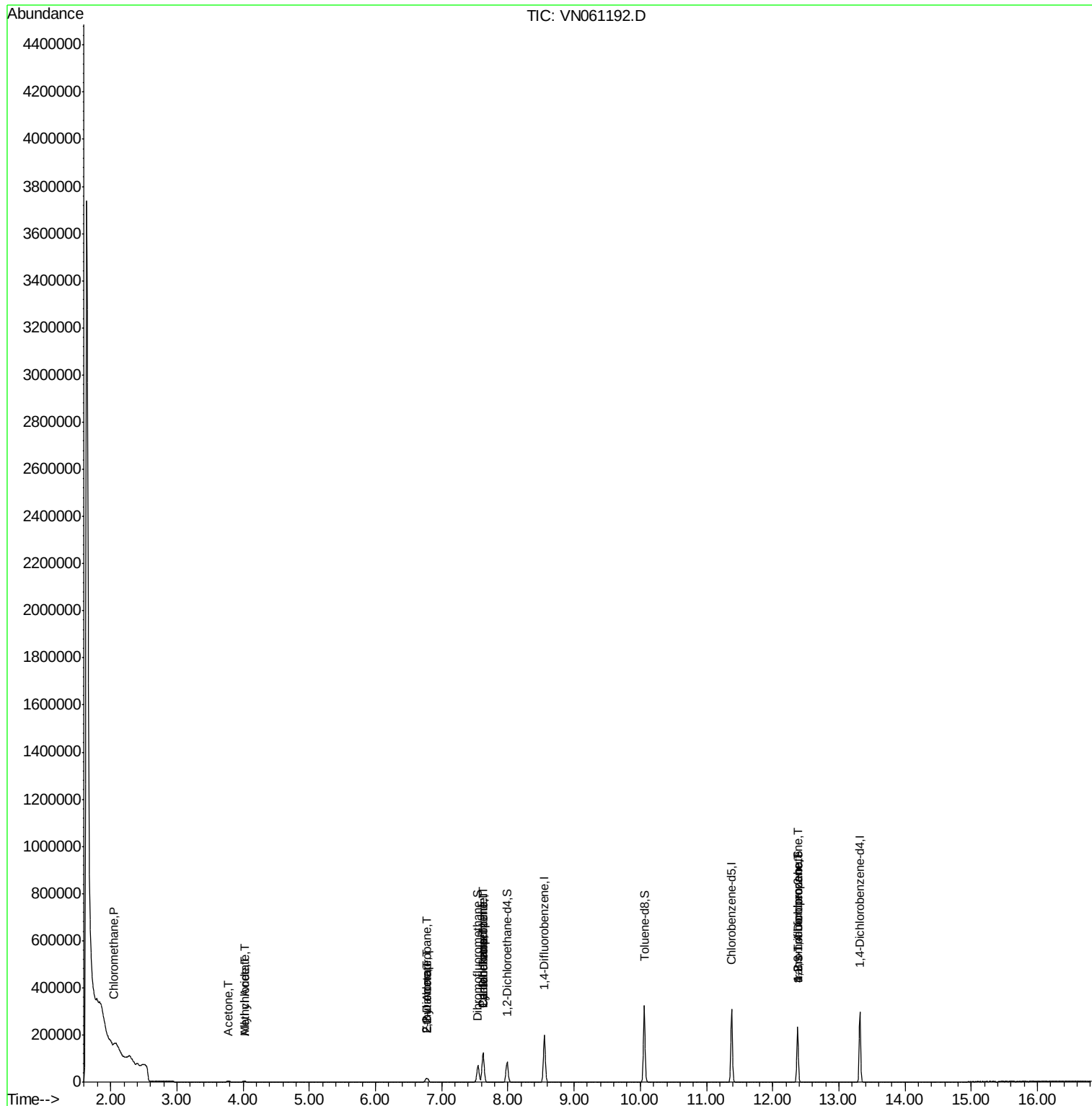
						Qvalue
3) Chloromethane	2.03	50	379	0.319	ug/l #	74
14) Allyl chloride	4.02	41	887	0.490	ug/l #	74
16) Acetone	3.78	43	10321	13.006	ug/l	96
18) Methyl Acetate	4.02	43	2848	2.200	ug/l #	55
25) 2-Butanone	6.79	43	1767	2.041	ug/l #	53
26) 2,2-Dichloropropane	6.77	77	1235	0.669	ug/l #	55
31) Cyclohexane	7.63	56	2476	1.164	ug/l #	17
36) 1,1-Dichloropropene	7.63	75	8390	5.037	ug/l #	50
37) Ethyl Acetate	6.79	43	1767	0.905	ug/l #	13
38) Carbon Tetrachloride	7.63	117	9890	8.496	ug/l #	17
76) 1,2,3-Trichloropropane	12.38	75	43814	28.330	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	43814	71.942	ug/l #	8

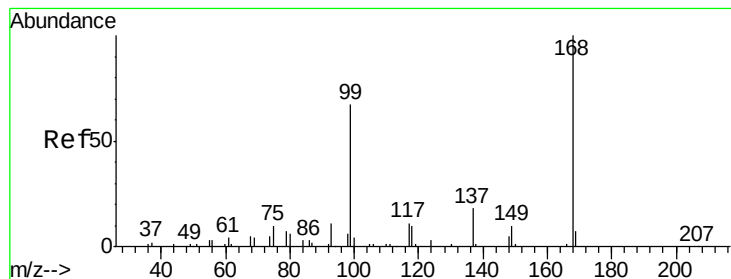
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061192.D

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MSVOA_N

ClientSampleId :

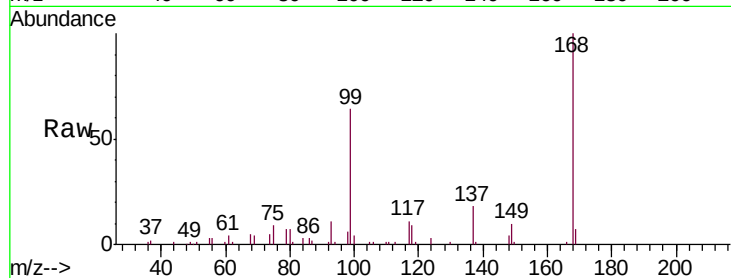
BP-VPB180-GW-638-640

Tgt Ion:168 Resp: 92448

Ion Ratio Lower Upper

168 100

99 63.8 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): VN061192.D (-168) (-)

Ion 98.90 (98.60 to 99.60): VN061192.D (-99) (-)

7.63

40000

30000

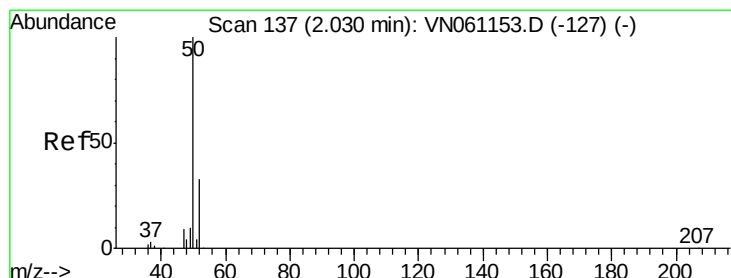
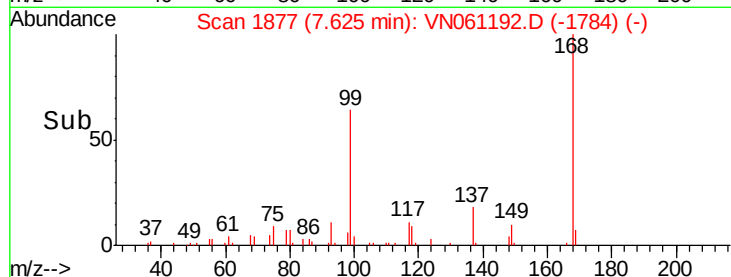
20000

10000

0

7.55 7.60 7.65 7.70

Time-->



#3

Chloromethane

Concen: 0.319 ug/l

RT: 2.03 min Scan# 138

Delta R.T. 0.00 min

Lab File: VN061192.D

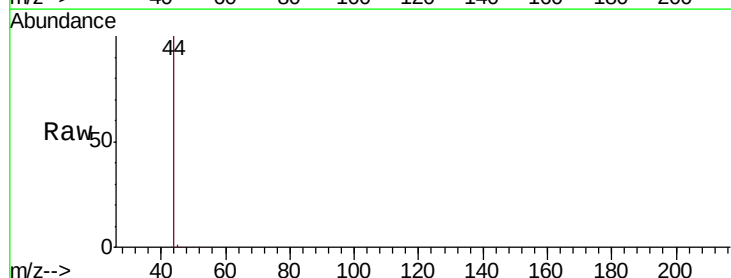
Acq: 29 Apr 2020 15:00

Tgt Ion: 50 Resp: 379

Ion Ratio Lower Upper

50 100

52 47.2 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VN061192.D (-50) (-)

Ion 51.90 (51.60 to 52.60): VN061192.D (-52) (-)

2.03

400

300

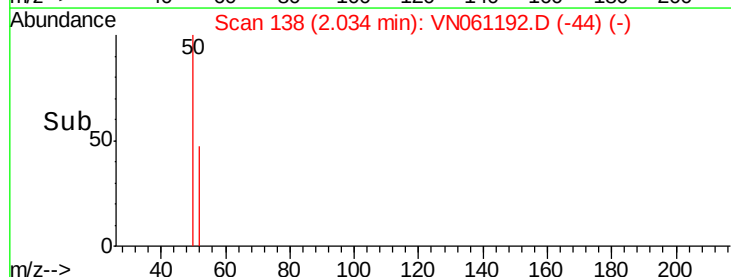
200

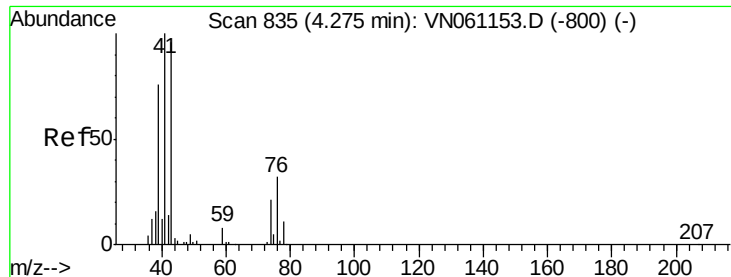
100

0

2.02 2.04 2.06

Time-->

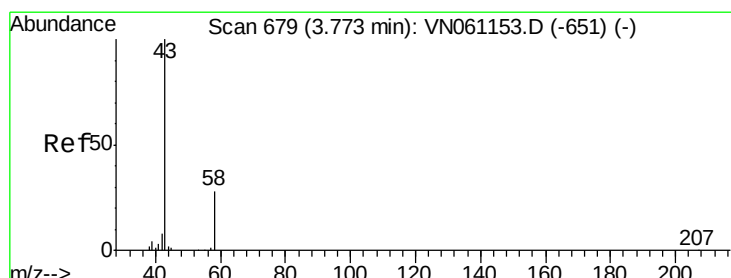
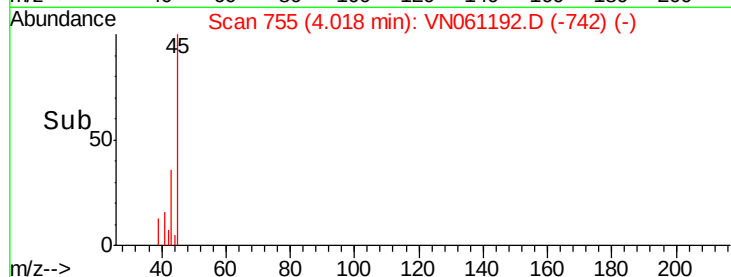
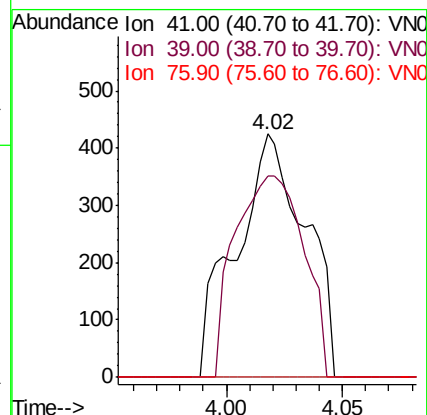
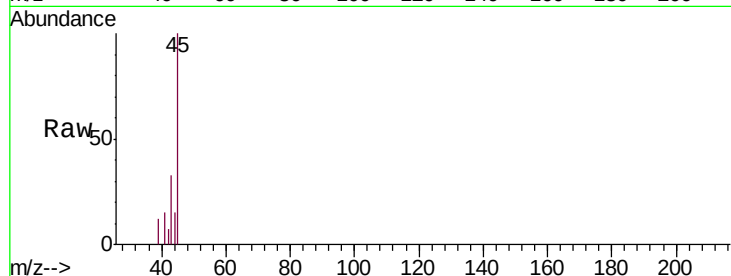




#14
 Allyl chloride
 Concen: 0.490 ug/l
 RT: 4.02 min Scan# 755
 Delta R.T. -0.26 min
 Lab File: VN061192.D
 Acq: 29 Apr 2020 15:00

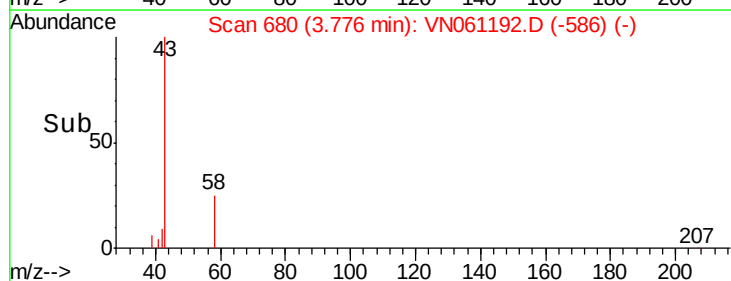
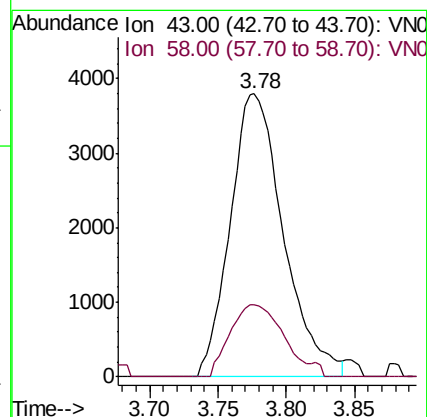
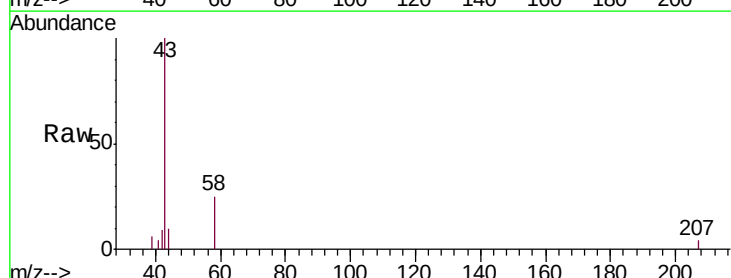
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-GW-638-640

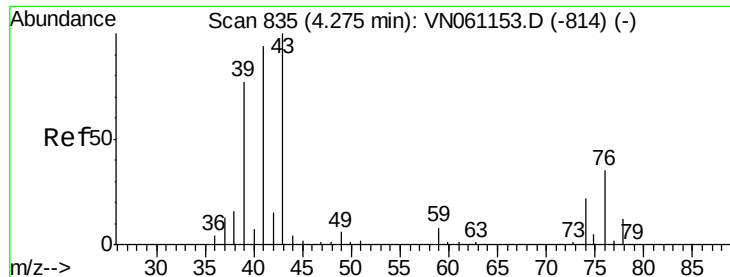
Tgt Ion: 41 Resp: 887
 Ion Ratio Lower Upper
 41 100
 39 82.2 57.1 85.7
 76 0.0 24.3 36.5#



#16
 Acetone
 Concen: 13.006 ug/l
 RT: 3.78 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: VN061192.D
 Acq: 29 Apr 2020 15:00

Tgt Ion: 43 Resp: 10321
 Ion Ratio Lower Upper
 43 100
 58 25.4 22.2 33.2

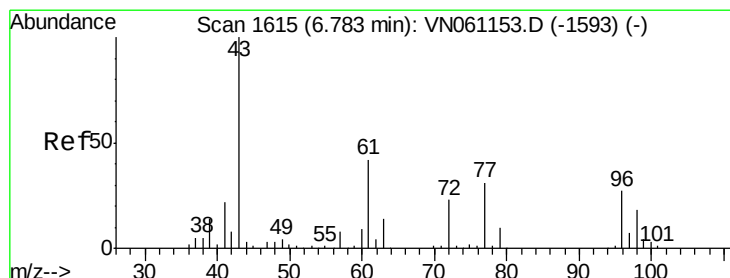
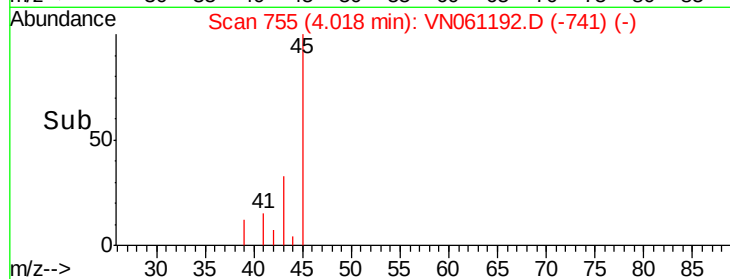
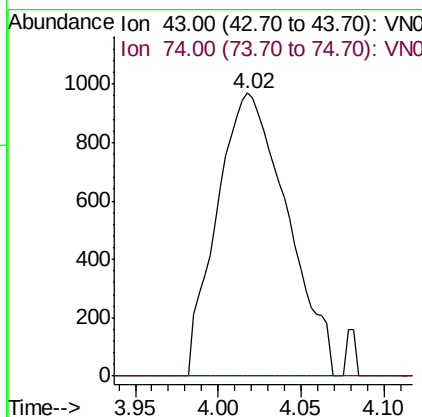
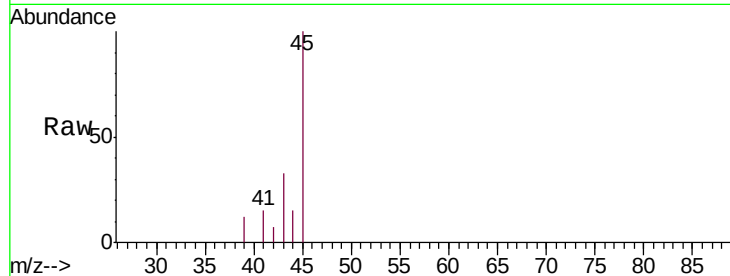




#18
Methyl Acetate
Concen: 2.200 ug/l
RT: 4.02 min Scan# 755
Delta R.T. -0.26 min
Lab File: VN061192.D
Acq: 29 Apr 2020 15:00

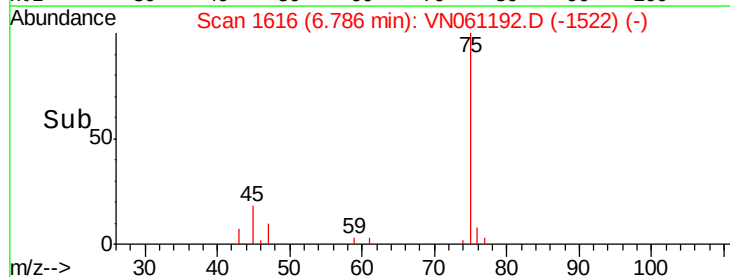
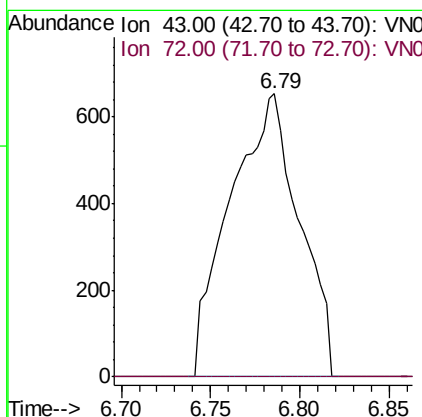
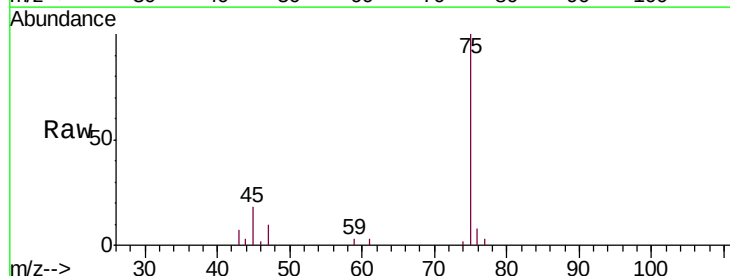
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB180-GW-638-640

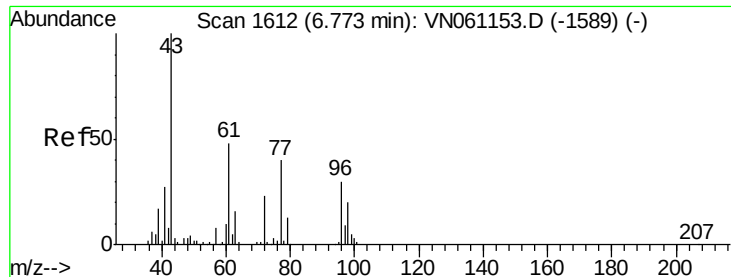
Tgt Ion: 43 Resp: 2848
Ion Ratio Lower Upper
43 100
74 0.0 17.0 25.4#



#25
2-Butanone
Concen: 2.041 ug/l
RT: 6.79 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VN061192.D
Acq: 29 Apr 2020 15:00

Tgt Ion: 43 Resp: 1767
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.4#

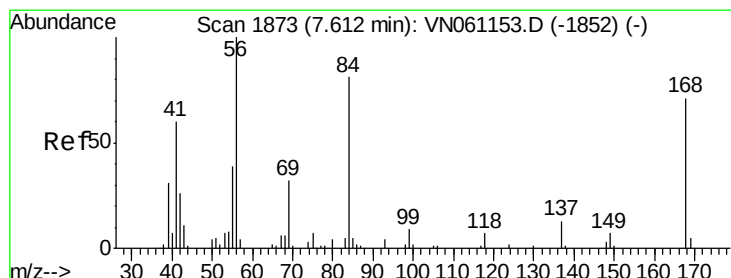
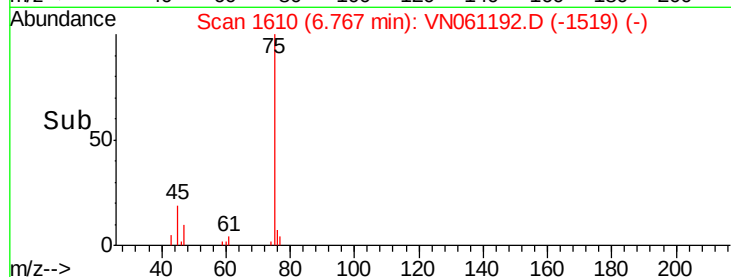
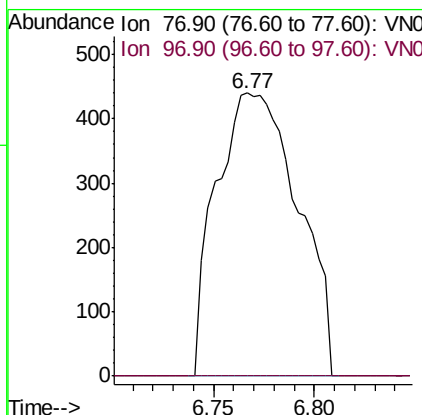
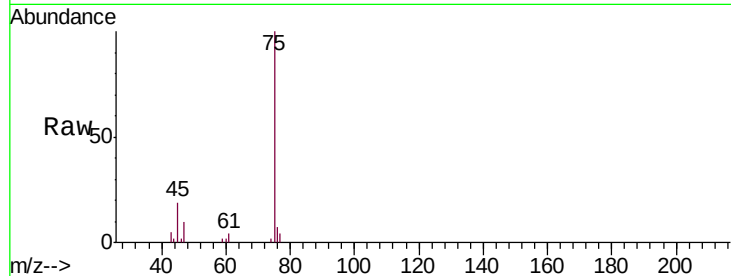




#26
 2,2-Dichloropropane
 Concen: 0.669 ug/l
 RT: 6.77 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: VN061192.D
 Acq: 29 Apr 2020 15:00

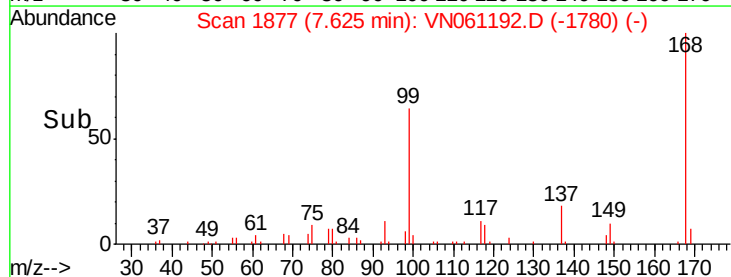
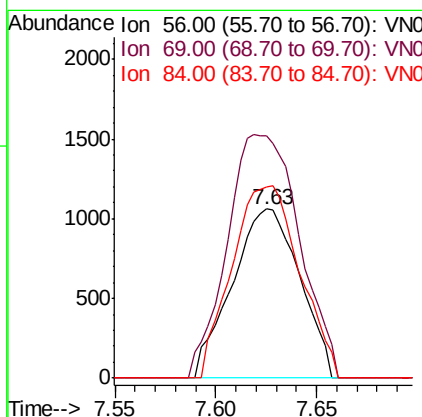
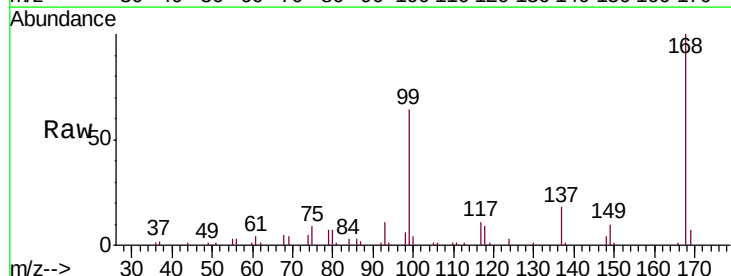
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-GW-638-640

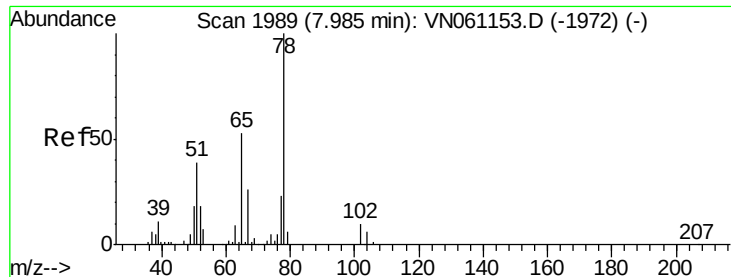
Tgt Ion: 77 Resp: 1235
 Ion Ratio Lower Upper
 77 100
 97 0.0 10.5 31.5#



#31
 Cyclohexane
 Concen: 1.164 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. 0.01 min
 Lab File: VN061192.D
 Acq: 29 Apr 2020 15:00

Tgt Ion: 56 Resp: 2476
 Ion Ratio Lower Upper
 56 100
 69 143.6 25.7 38.5#
 84 113.3 64.6 97.0#

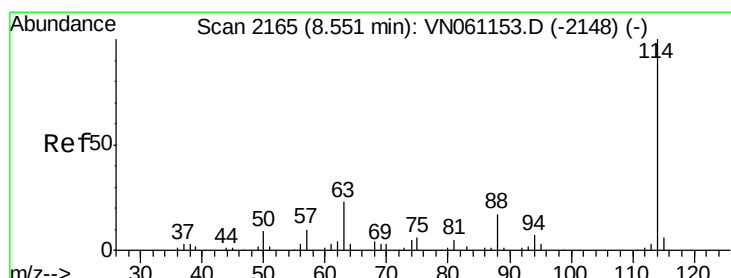
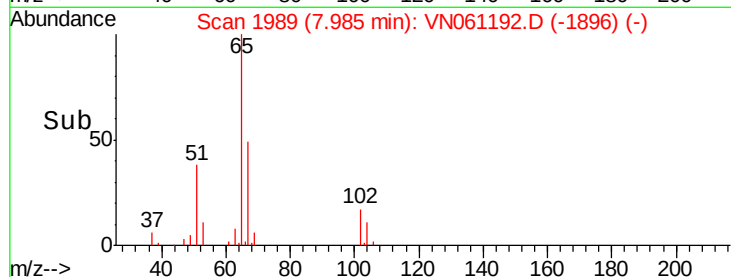
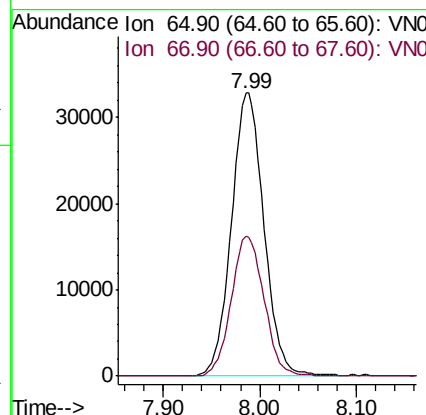
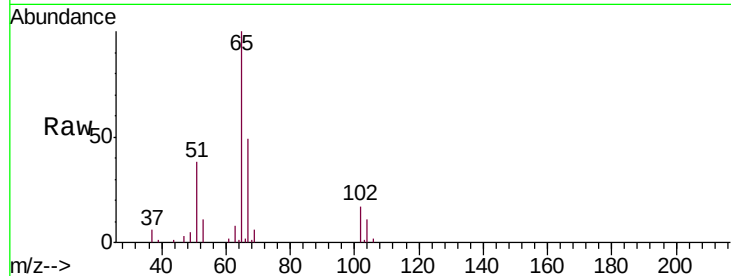




#33
 1,2-Dichloroethane-d4
 Concen: 52.327 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN061192.D
 Acq: 29 Apr 2020 15:00

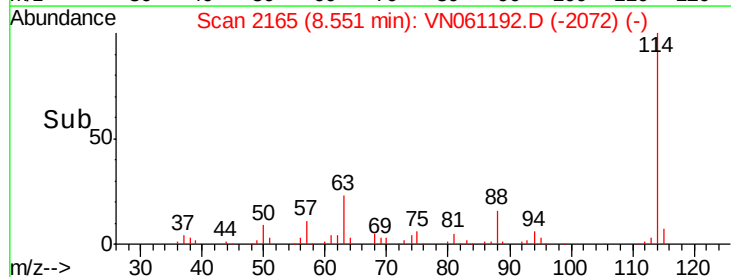
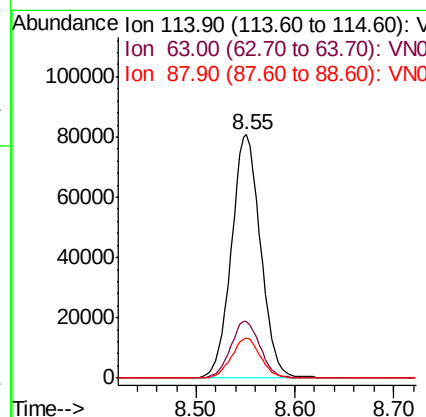
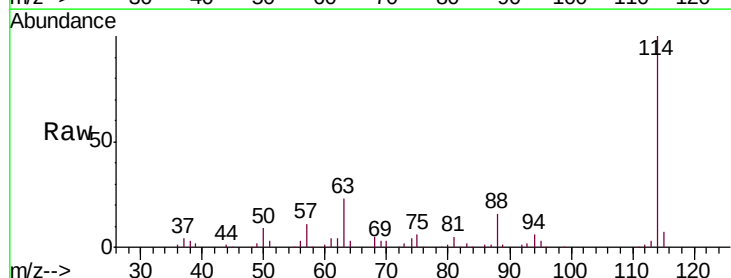
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 ClientSampleId :
 BP-VPB180-GW-638-640

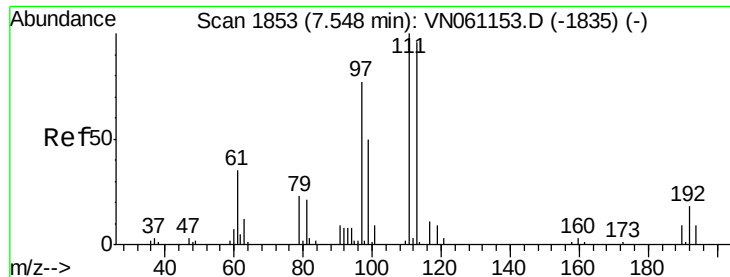
Tgt Ion: 65 Resp: 76545
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061192.D
 Acq: 29 Apr 2020 15:00

Tgt Ion: 114 Resp: 166400
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 46.6
 88 16.3 0.0 33.4

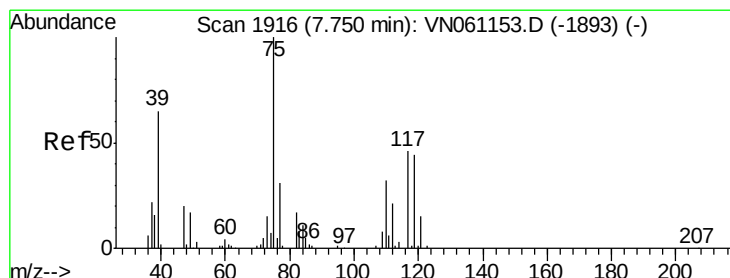
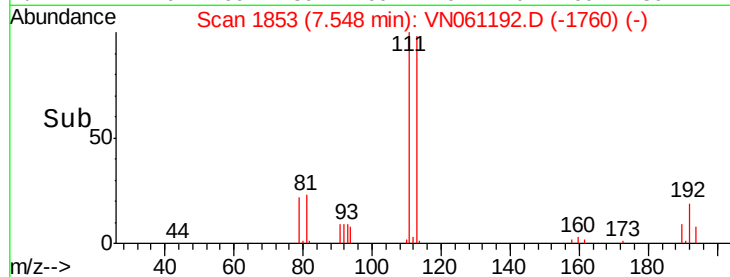
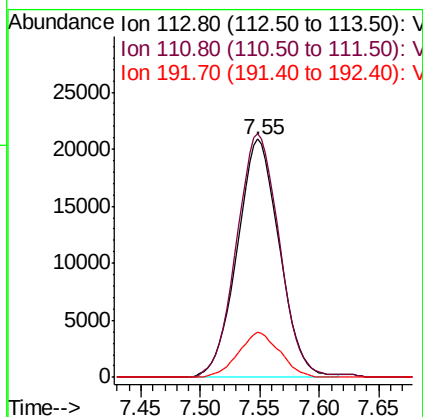
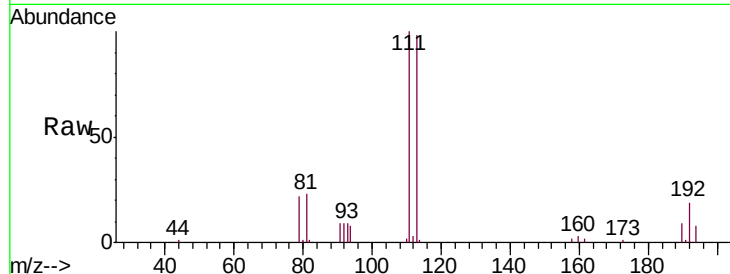




#35
 Dibromofluoromethane
 Concen: 52.191 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061192.D
 Acq: 29 Apr 2020 15:00

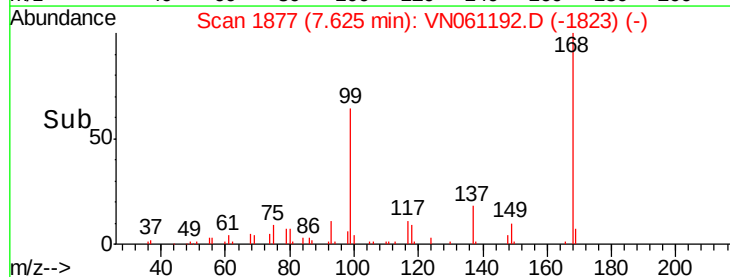
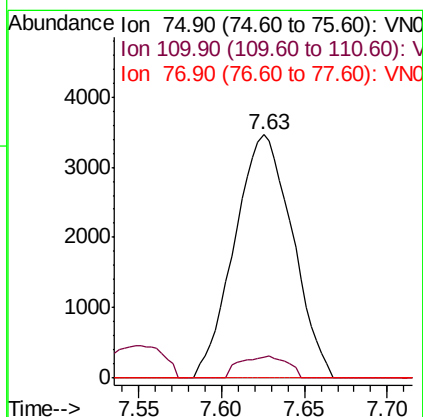
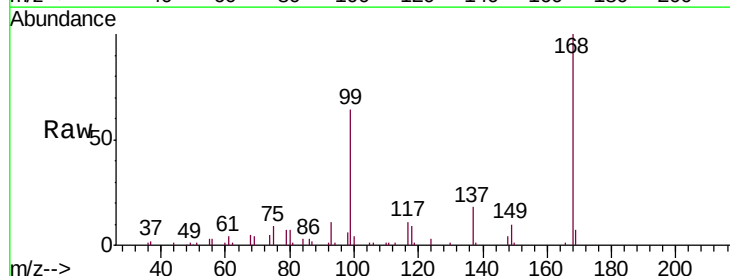
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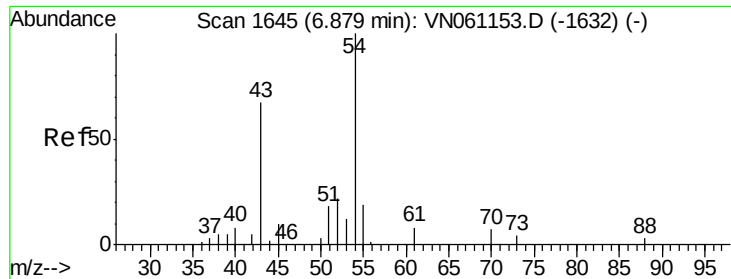
Tgt Ion: 113 Resp: 51354
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.9 124.3
 192 18.5 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 5.037 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.13 min
 Lab File: VN061192.D
 Acq: 29 Apr 2020 15:00

Tgt Ion: 75 Resp: 8390
 Ion Ratio Lower Upper
 75 100
 110 7.4 16.0 48.0#
 77 0.0 24.6 37.0#

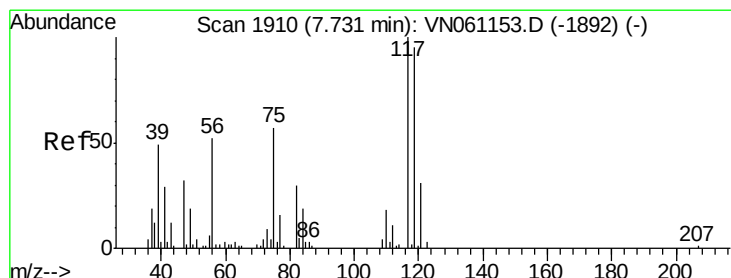
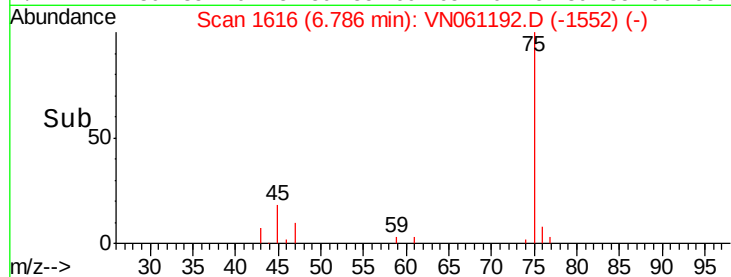
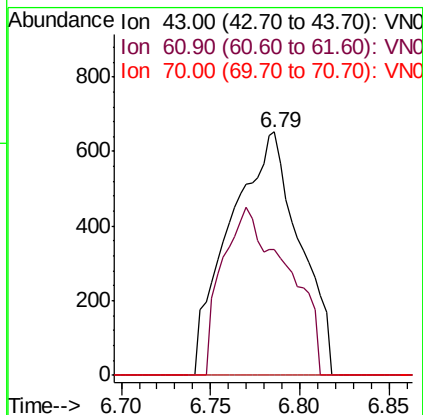
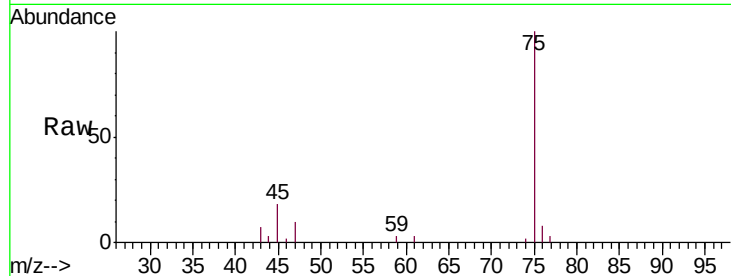




#37
Ethyl Acetate
Concen: 0.905 ug/l
RT: 6.79 min Scan# 1616
Delta R.T. -0.09 min
Lab File: VN061192.D
Acq: 29 Apr 2020 15:00

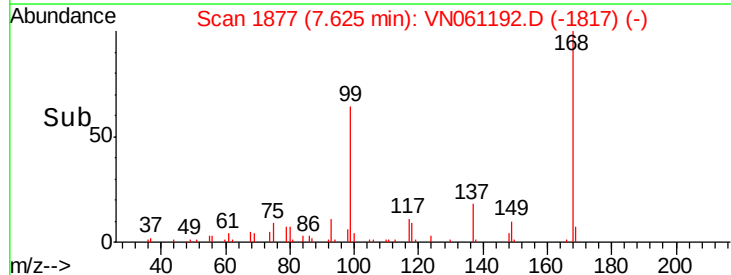
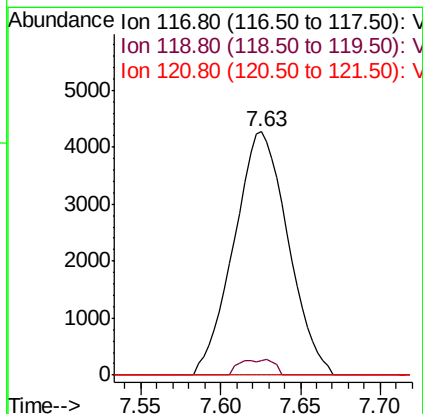
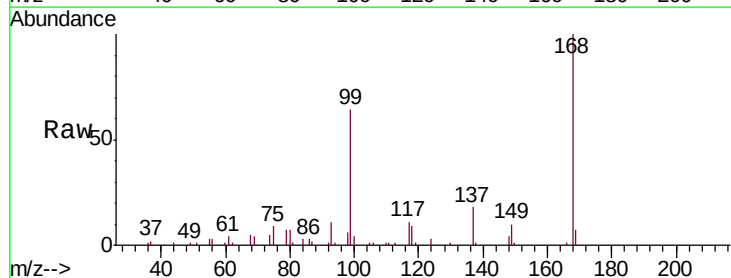
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BP-VPB180-GW-638-640

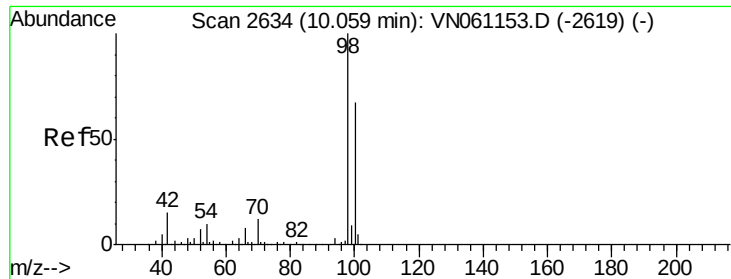
Tgt Ion: 43 Resp: 1767
Ion Ratio Lower Upper
43 100
61 64.6 10.2 15.2#
70 0.0 7.2 10.8#



#38
Carbon Tetrachloride
Concen: 8.496 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. -0.11 min
Lab File: VN061192.D
Acq: 29 Apr 2020 15:00

Tgt Ion: 117 Resp: 9890
Ion Ratio Lower Upper
117 100
119 6.1 75.8 113.6#
121 0.0 24.7 37.1#

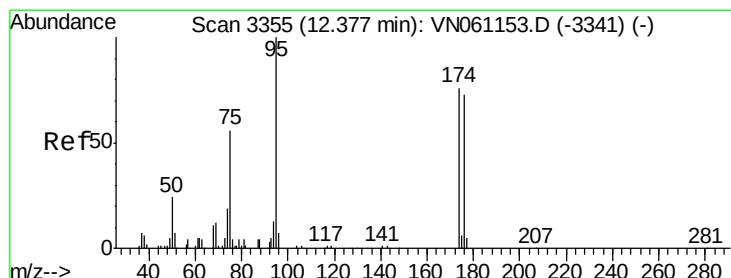
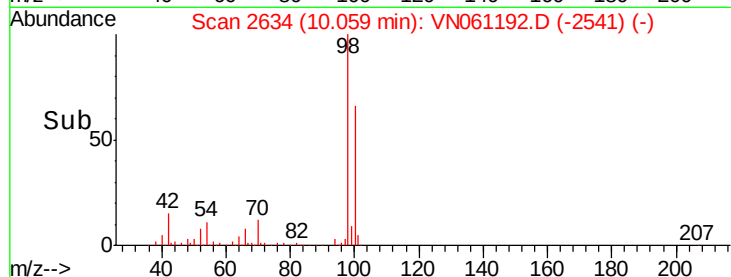
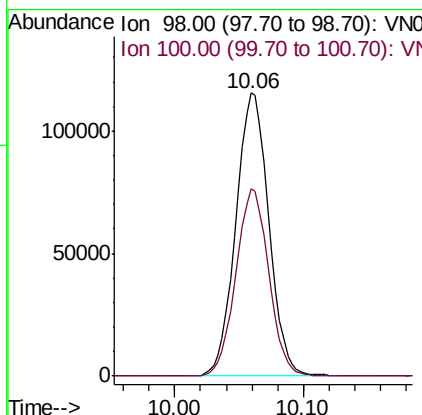
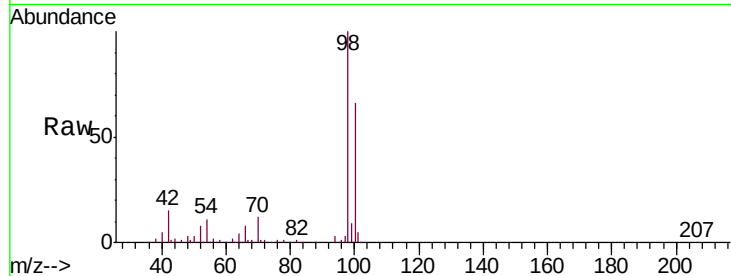




#50
Toluene-d8
Concen: 51.313 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061192.D
Acq: 29 Apr 2020 15:00

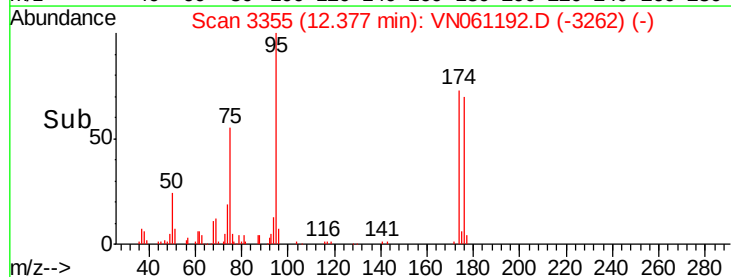
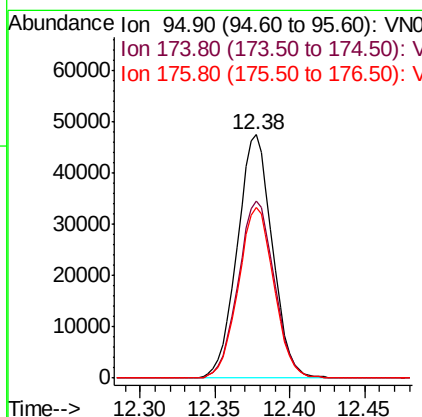
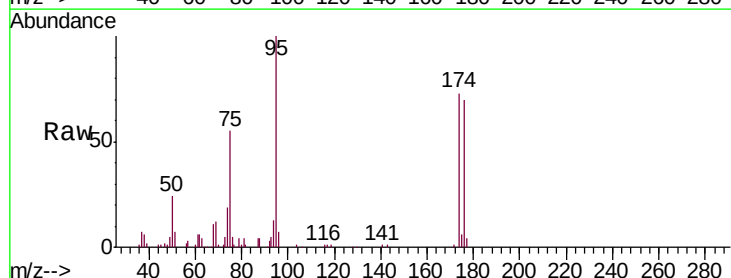
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB180-GW-638-640

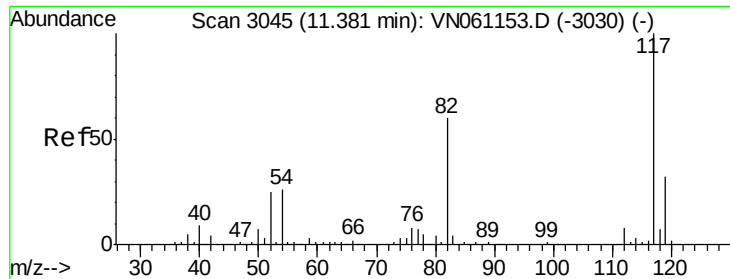
Tgt Ion: 98 Resp: 205824
Ion Ratio Lower Upper
98 100
100 66.0 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 51.354 ug/l
RT: 12.38 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VN061192.D
Acq: 29 Apr 2020 15:00

Tgt Ion: 95 Resp: 77516
Ion Ratio Lower Upper
95 100
174 74.8 0.0 149.4
176 71.2 0.0 144.8

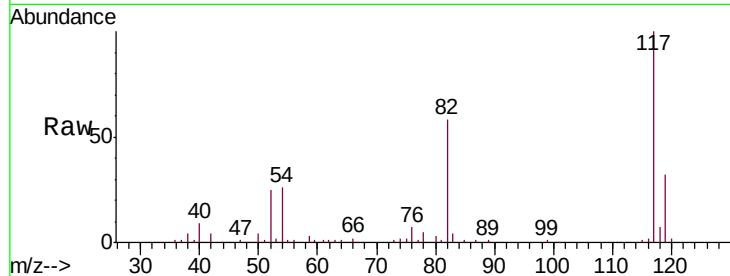




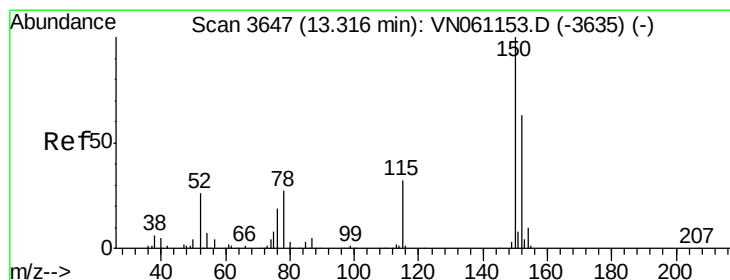
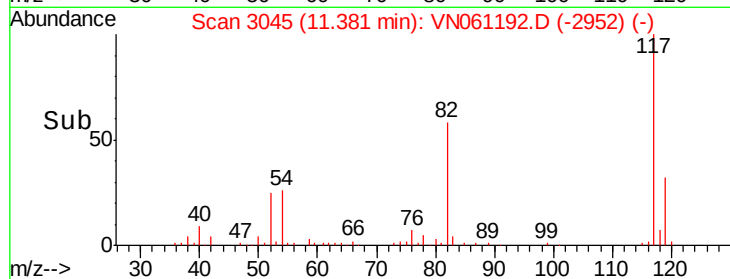
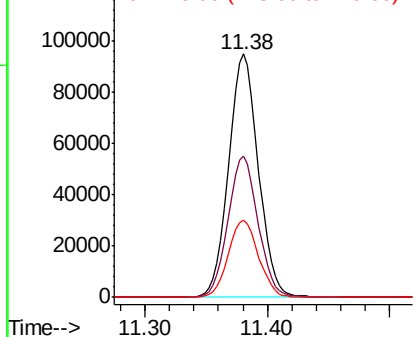
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061192.D
Acq: 29 Apr 2020 15:00

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB180-GW-638-640

Tgt Ion:117 Resp: 161693
Ion Ratio Lower Upper
117 100
82 57.9 47.8 71.8
119 31.6 25.8 38.6

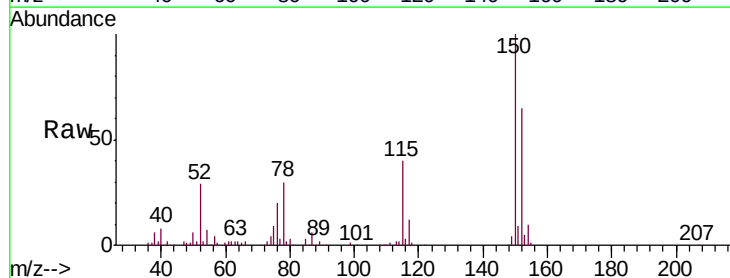


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

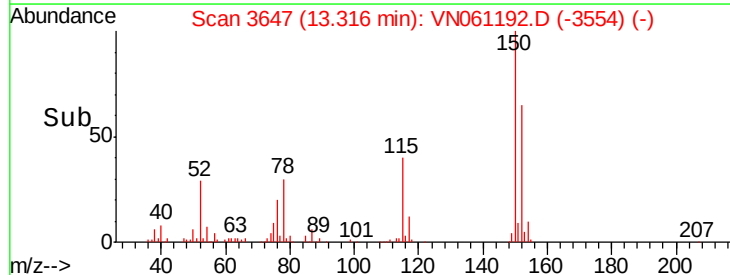
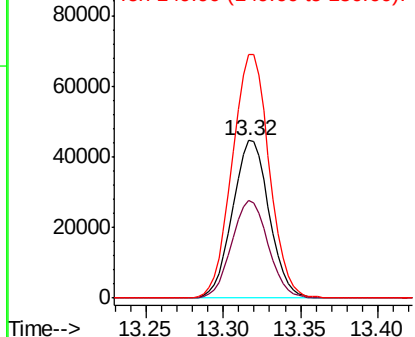


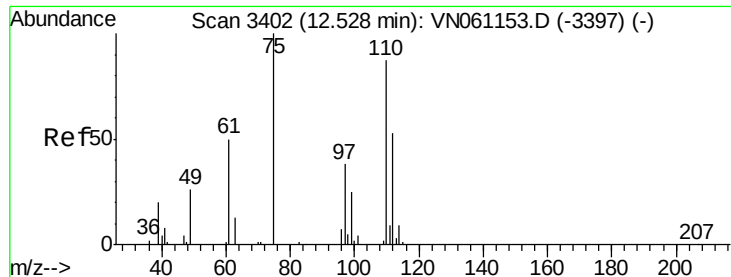
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3647
Delta R.T. 0.00 min
Lab File: VN061192.D
Acq: 29 Apr 2020 15:00

Tgt Ion:152 Resp: 73358
Ion Ratio Lower Upper
152 100
115 61.9 31.0 93.0
150 156.4 0.0 351.8



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: 28.330 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. -0.15 min

Lab File: VN061192.D

Acq: 29 Apr 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

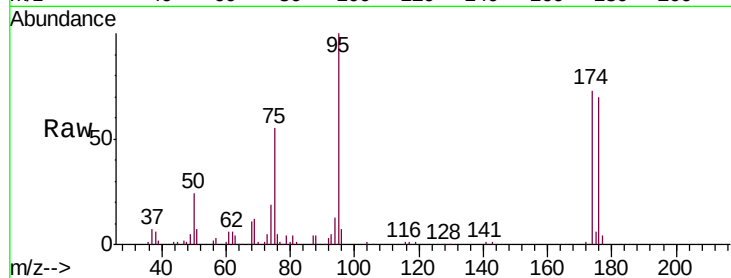
BP-VPB180-GW-638-640

Tgt Ion: 75 Resp: 43814

Ion Ratio Lower Upper

75 100

77 0.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN061192.D (-3355) (-)

Ion 77.00 (76.70 to 77.70): VN061192.D (-3355) (-)

12.38

25000

20000

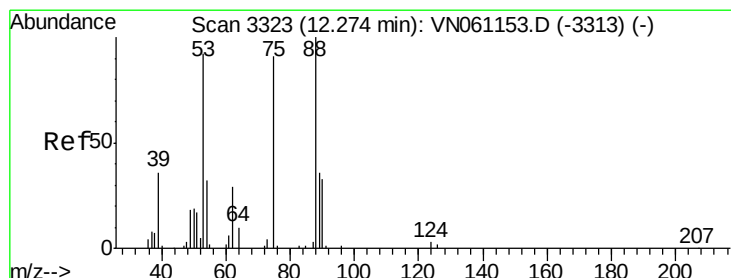
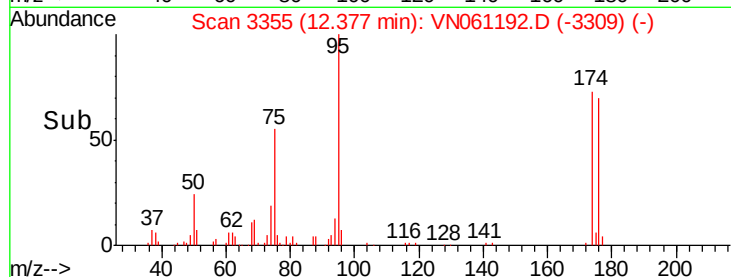
15000

10000

5000

0

Time--> 12.30 12.35 12.40 12.45



#81

trans-1,4-Dichloro-2-butene

Concen: 71.942 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.10 min

Lab File: VN061192.D

Acq: 29 Apr 2020 15:00

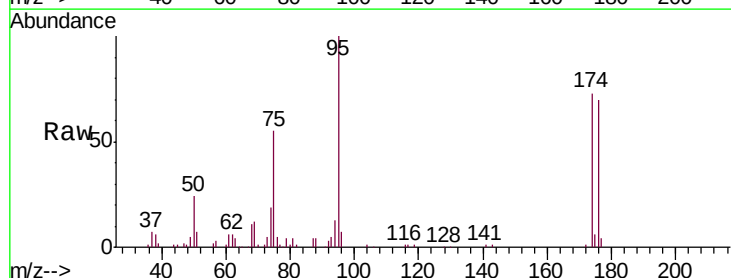
Tgt Ion: 75 Resp: 43814

Ion Ratio Lower Upper

75 100

53 0.0 84.1 126.1#

89 0.0 35.2 52.8#



Abundance Ion 74.90 (74.60 to 75.60): VN061192.D (-3355) (-)

Ion 53.00 (52.70 to 53.70): VN061192.D (-3355) (-)

Ion 88.90 (88.60 to 89.60): VN061192.D (-3355) (-)

12.38

30000

20000

10000

0

Time--> 12.30 12.35 12.40 12.45

