

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082720\
 Data File : VD066434.D
 Acq On : 27 Aug 2020 14:01
 Operator : VA/SY
 Sample : L3820-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB181-GW-598-600

Quant Time: Aug 27 18:01:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	156605	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	225413	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	196338	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	100288	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	83897	54.64	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.28%	
35) Dibromofluoromethane	7.91	113	68612	48.68	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.36%	
50) Toluene-d8	10.34	98	254865	49.42	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.84%	
62) 4-Bromofluorobenzene	12.63	95	82946	45.33	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.66%	

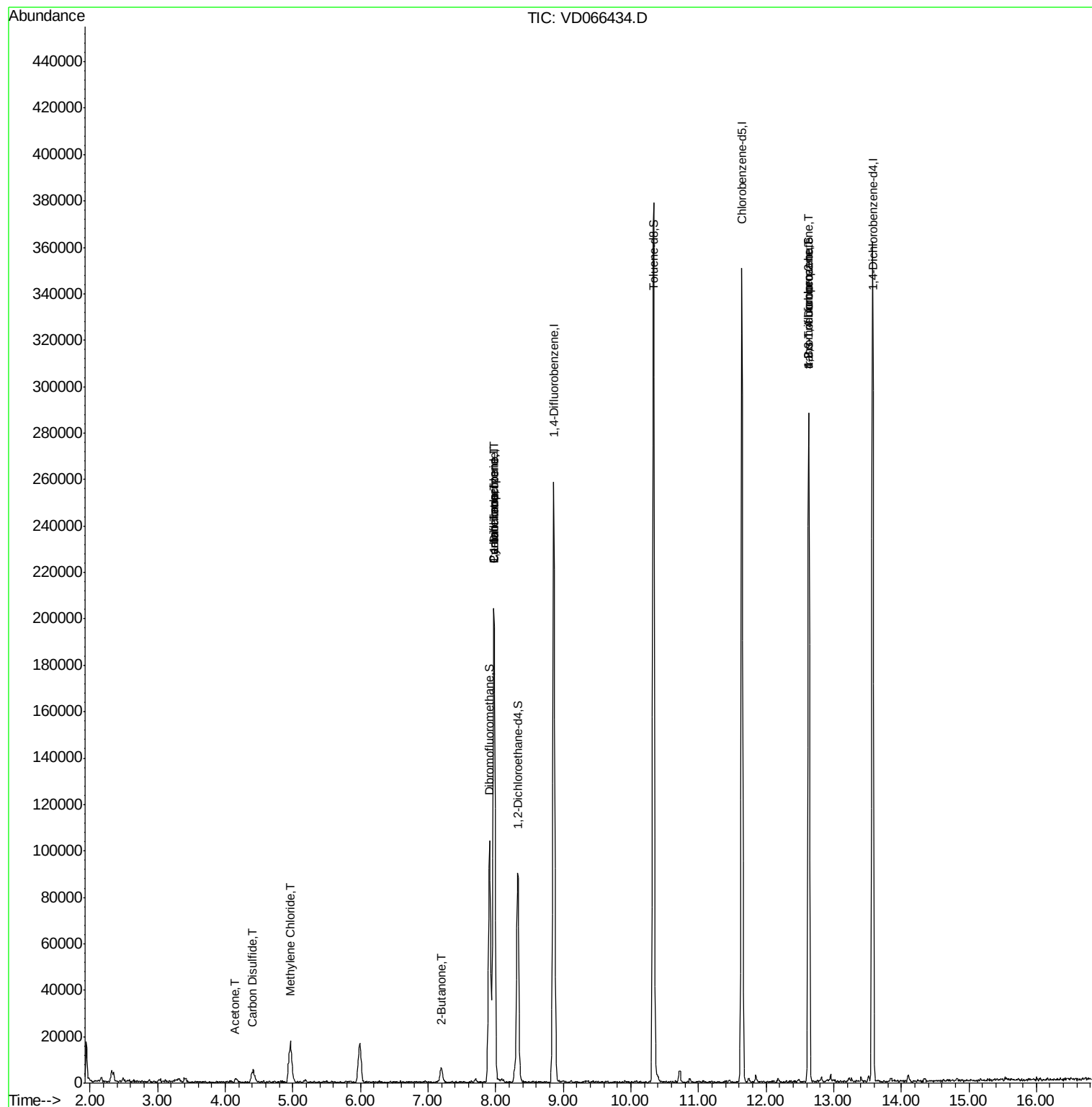
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	64	Below Cal	#	71
16) Acetone	4.15	43	2988	10.795	ug/l	92
17) Carbon Disulfide	4.40	76	11078	2.864	ug/l #	74
20) Methylene Chloride	4.96	84	13645	3.312	ug/l #	91
25) 2-Butanone	7.21	43	537	1.709	ug/l #	47
31) Cyclohexane	7.98	56	3586	1.682	ug/l #	33
36) 1,1-Dichloropropene	7.98	75	11978	5.824	ug/l #	49
38) Carbon Tetrachloride	7.97	117	16217	6.052	ug/l #	16
76) 1,2,3-Trichloropropane	12.63	75	49465	70.110	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	49465	148.822	ug/l #	6

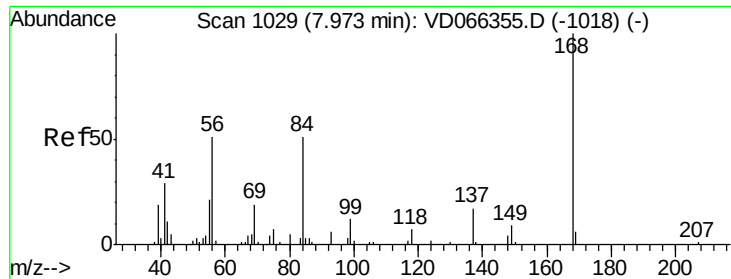
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD082720\
Data File : VD066434.D
Acq On : 27 Aug 2020 14:01
Operator : VA/SY
Sample : L3820-01
Misc : 5.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB181-GW-598-600

Quant Time: Aug 27 18:01:13 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066434.D

Acq: 27 Aug 2020 14:01

Instrument :

MSVOA_D

ClientSampleId :

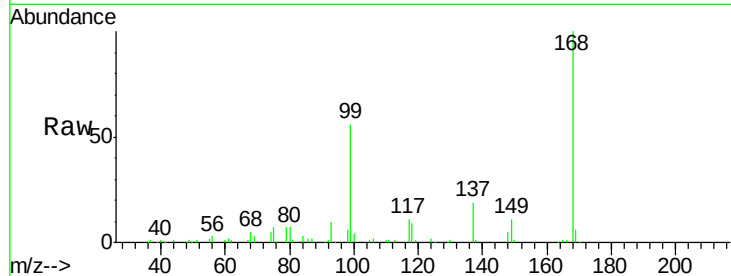
BP-VPB181-GW-598-600

Tgt Ion:168 Resp: 156605

Ion Ratio Lower Upper

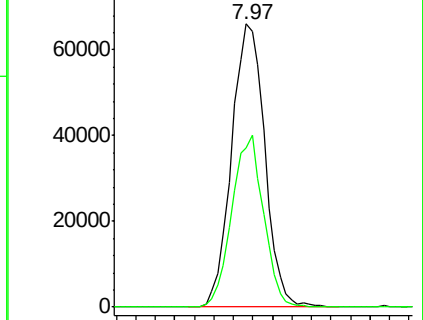
168 100

99 56.2 45.4 68.0

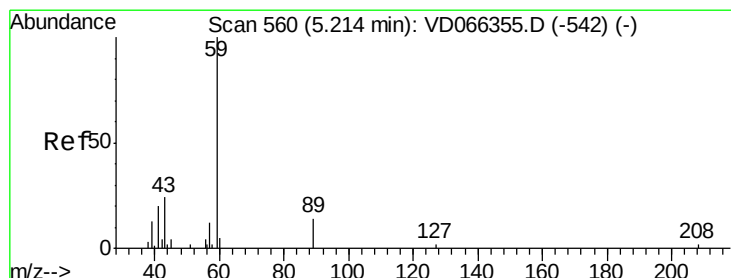
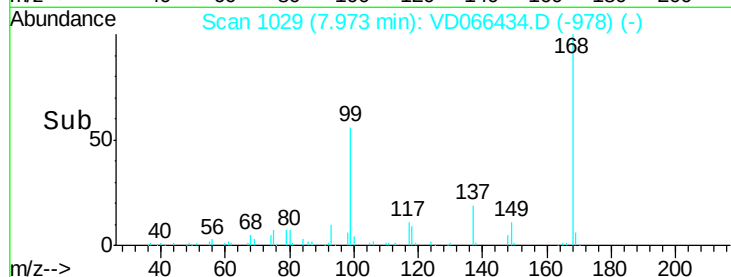


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.20 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD066434.D

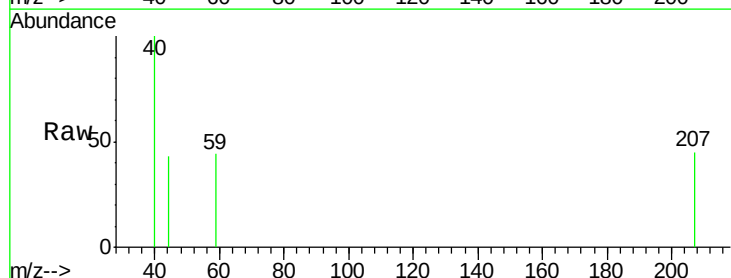
Acq: 27 Aug 2020 14:01

Tgt Ion: 59 Resp: 64

Ion Ratio Lower Upper

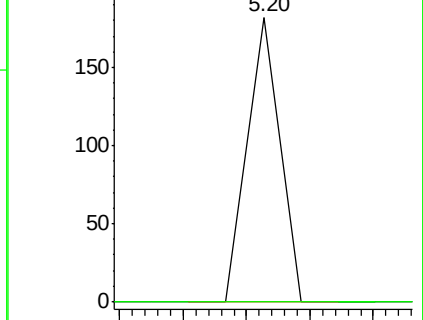
59 100

57 0.0 9.0 13.4#

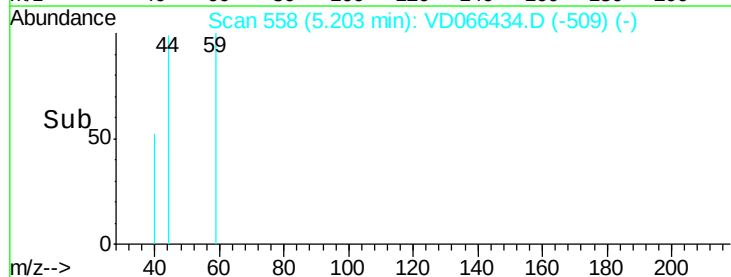


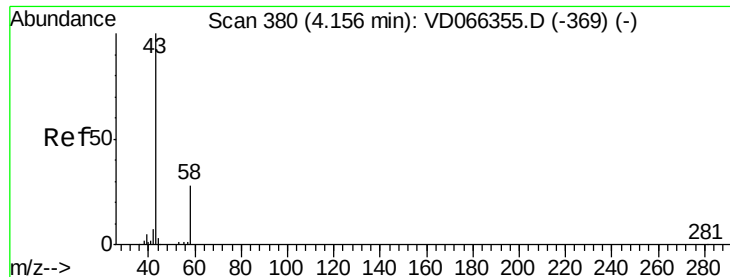
Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



Time-->





#16

Acetone

Concen: 10.795 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD066434.D

Acq: 27 Aug 2020 14:01

Instrument :

MSVOA_D

ClientSampleId :

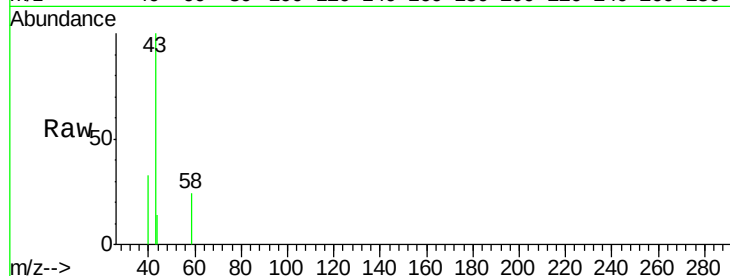
BP-VPB181-GW-598-600

Tgt Ion: 43 Resp: 2988

Ion Ratio Lower Upper

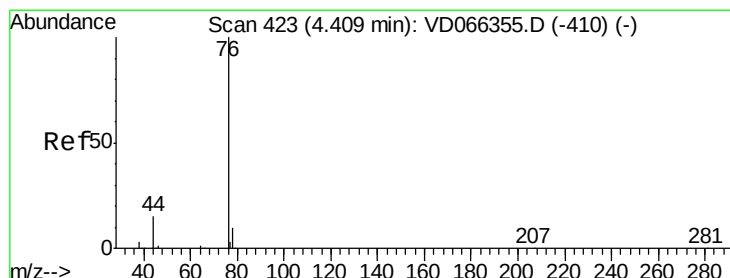
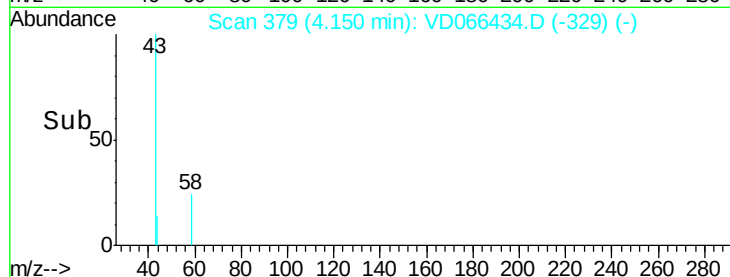
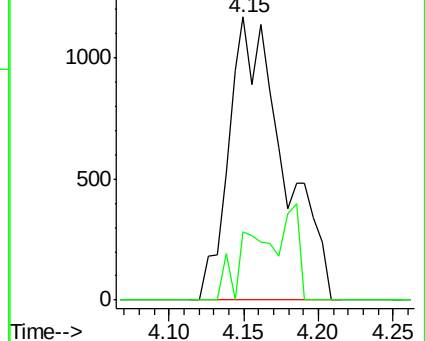
43 100

58 24.0 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#17

Carbon Disulfide

Concen: 2.864 ug/l

RT: 4.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: VD066434.D

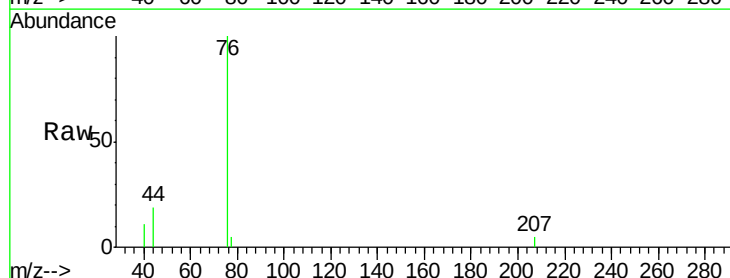
Acq: 27 Aug 2020 14:01

Tgt Ion: 76 Resp: 11078

Ion Ratio Lower Upper

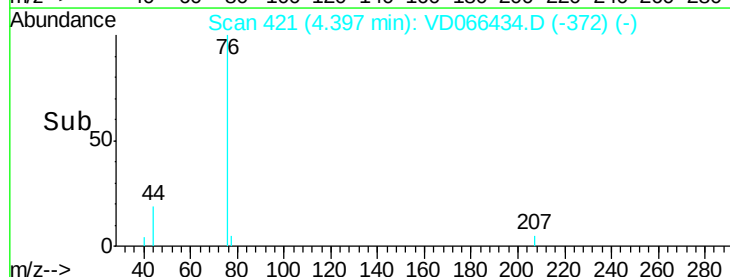
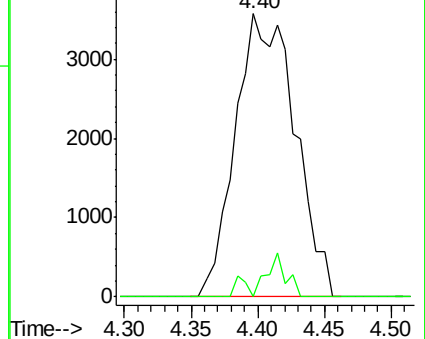
76 100

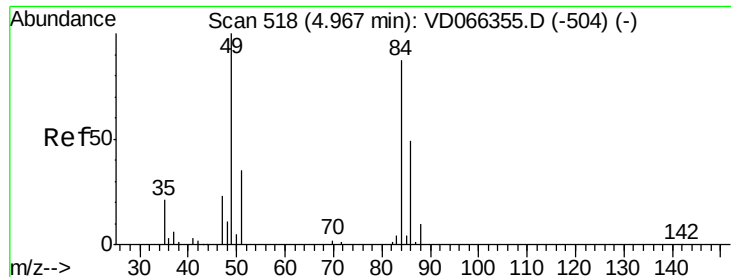
78 0.0 7.7 11.5#



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

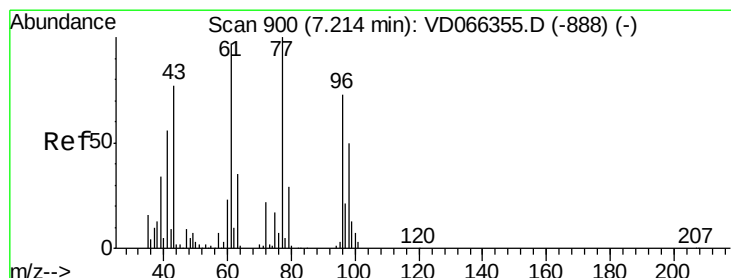
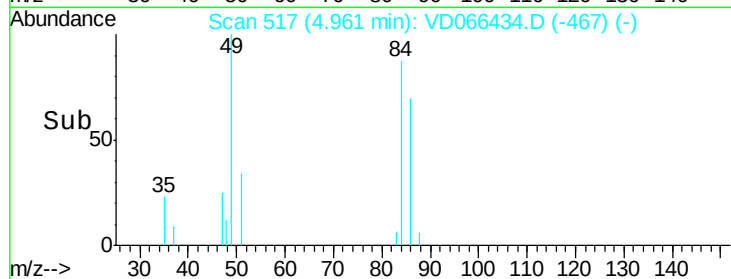
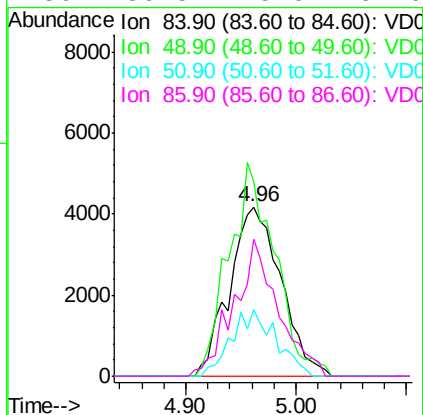
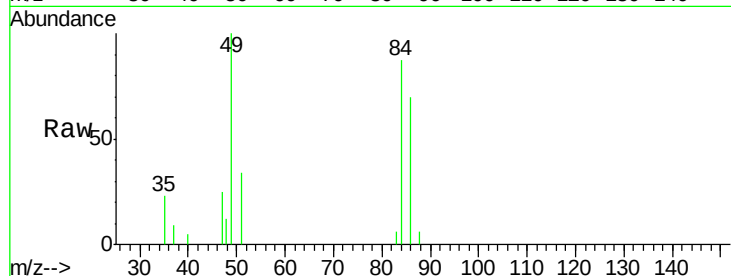




#20
Methylene Chloride
Concen: 3.312 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066434.D
Acq: 27 Aug 2020 14:01

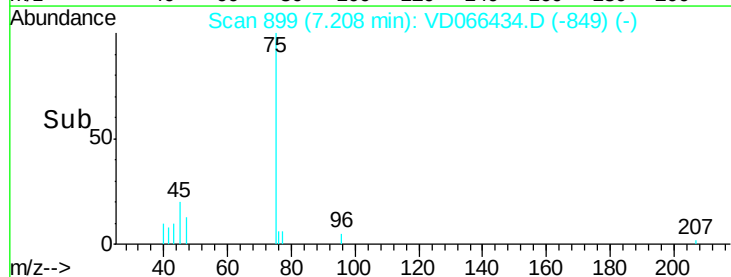
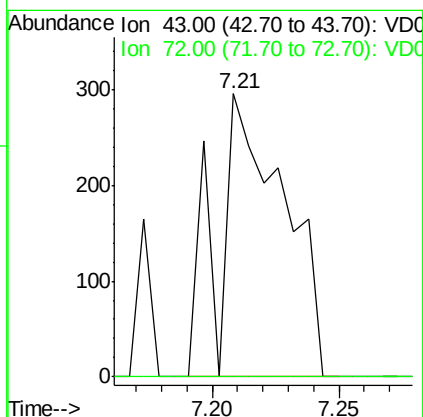
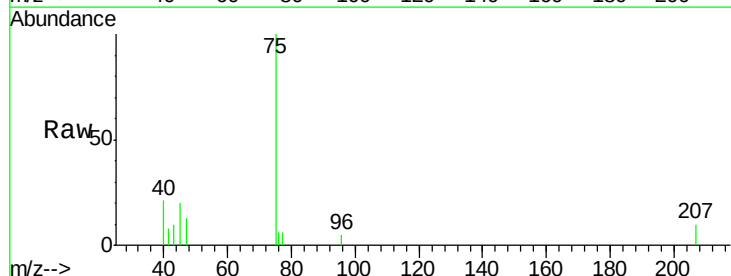
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB181-GW-598-600

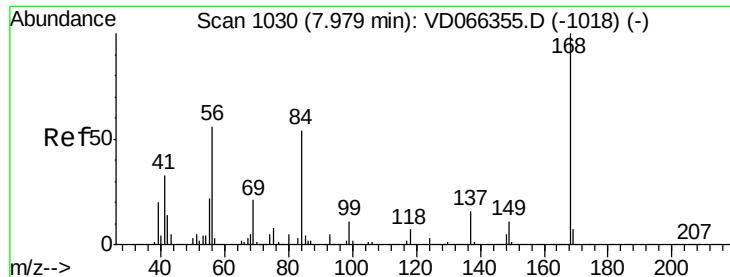
Tgt Ion: 84 Resp: 13645
Ion Ratio Lower Upper
84 100
49 114.9 92.5 138.7
51 39.3 32.5 48.7
86 80.5 45.0 67.6#



#25
2-Butanone
Concen: 1.709 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD066434.D
Acq: 27 Aug 2020 14:01

Tgt Ion: 43 Resp: 537
Ion Ratio Lower Upper
43 100
72 0.0 22.5 33.7#

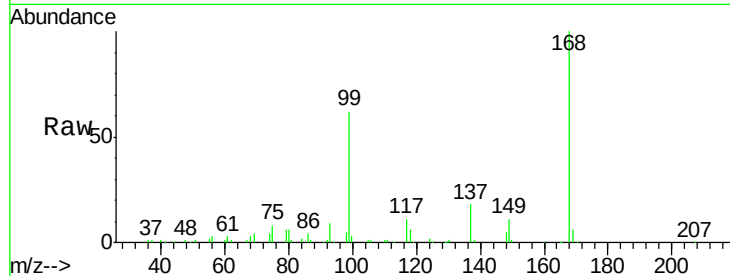




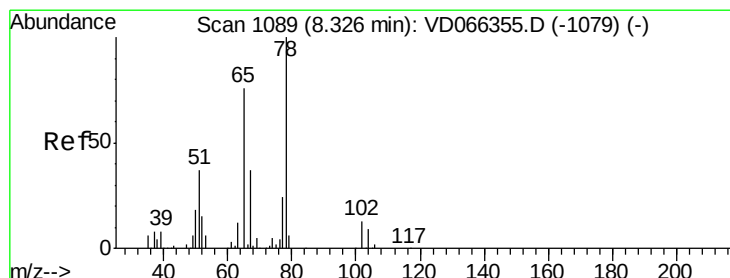
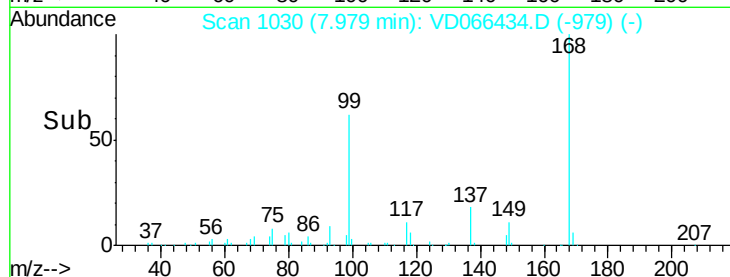
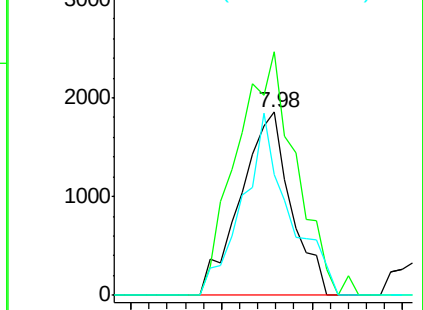
#31
Cyclohexane
Concen: 1.682 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066434.D
Acq: 27 Aug 2020 14:01

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB181-GW-598-600

Tgt Ion: 56 Resp: 3586
Ion Ratio Lower Upper
56 100
69 133.1 29.6 44.4#
84 65.9 76.6 115.0#

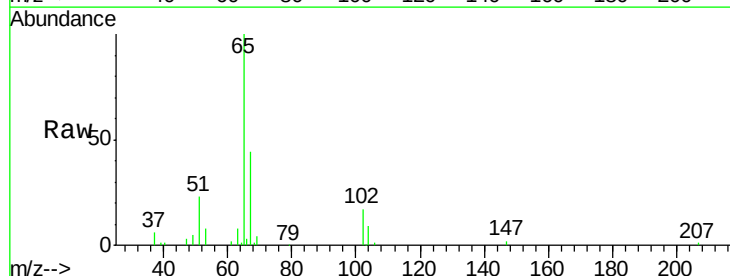


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

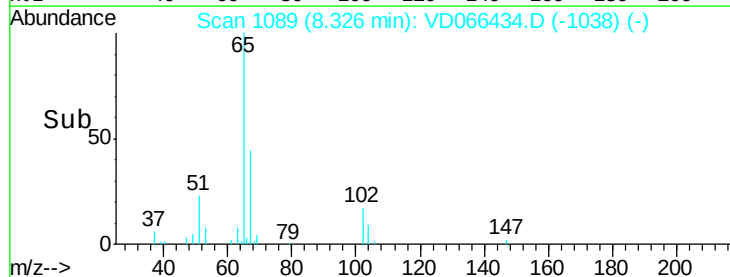
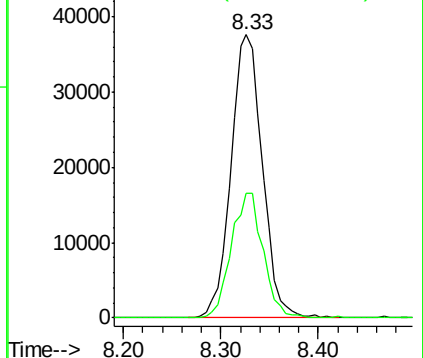


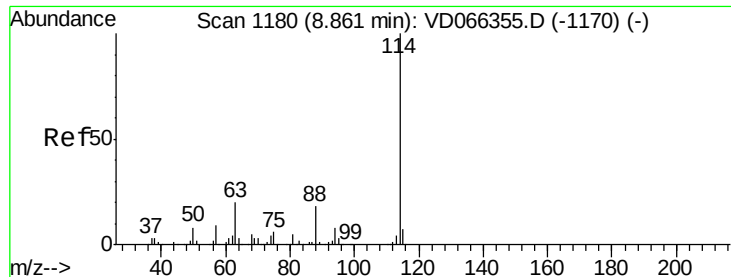
#33
1,2-Dichloroethane-d4
Concen: 54.644 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VD066434.D
Acq: 27 Aug 2020 14:01

Tgt Ion: 65 Resp: 83897
Ion Ratio Lower Upper
65 100
67 44.5 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066434.D

Acq: 27 Aug 2020 14:01

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB181-GW-598-600

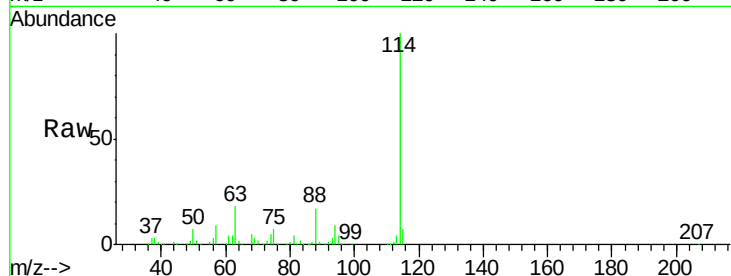
Tgt Ion:114 Resp: 225413

Ion Ratio Lower Upper

114 100

63 17.7 0.0 40.8

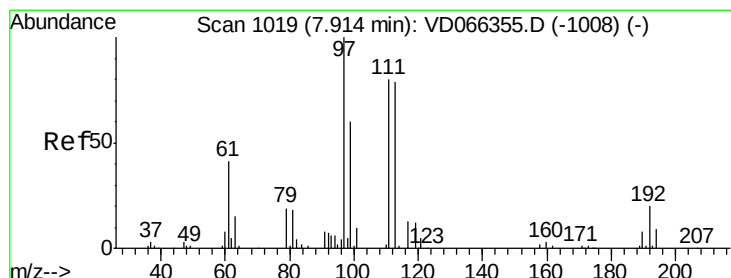
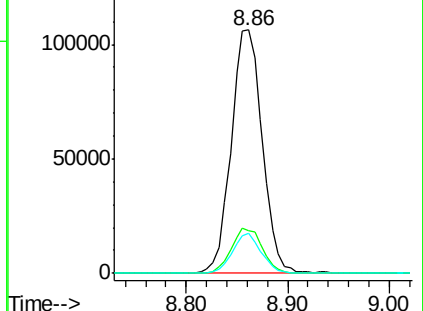
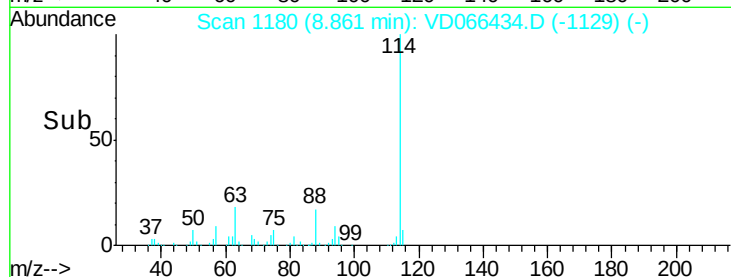
88 16.7 0.0 35.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 48.677 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD066434.D

Acq: 27 Aug 2020 14:01

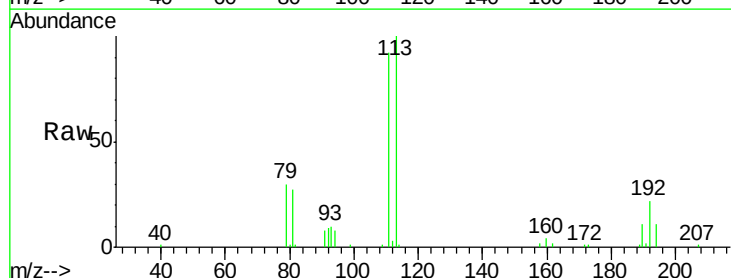
Tgt Ion:113 Resp: 68612

Ion Ratio Lower Upper

113 100

111 104.1 80.3 120.5

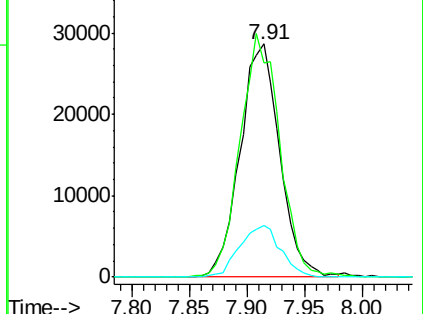
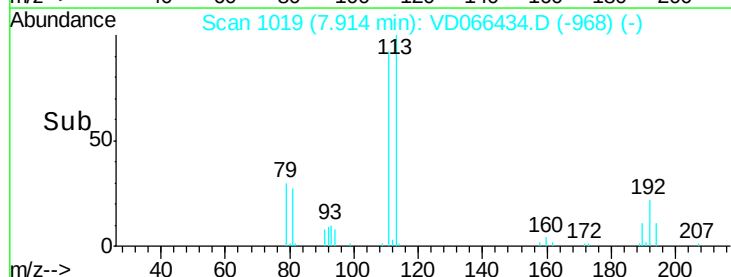
192 22.9 19.0 28.6

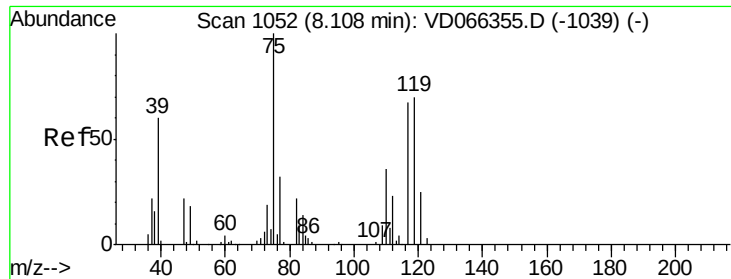


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

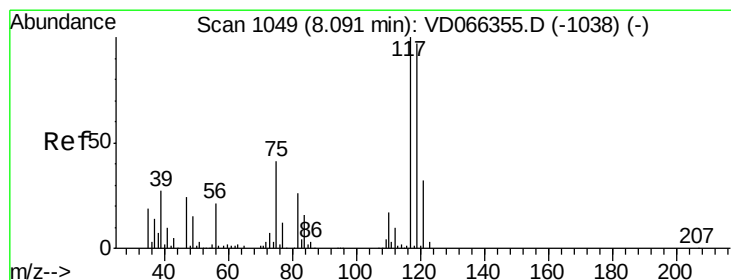
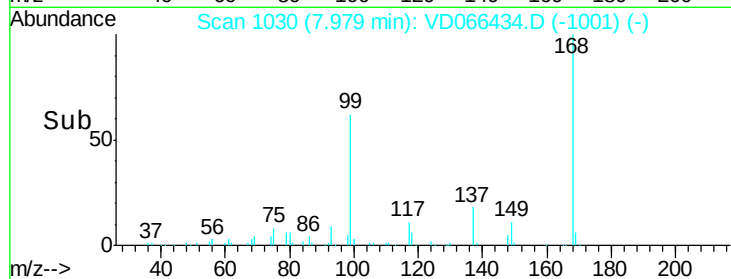
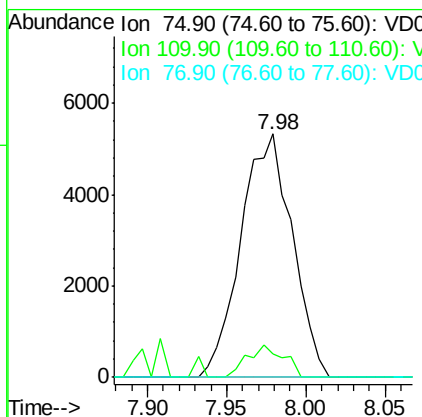
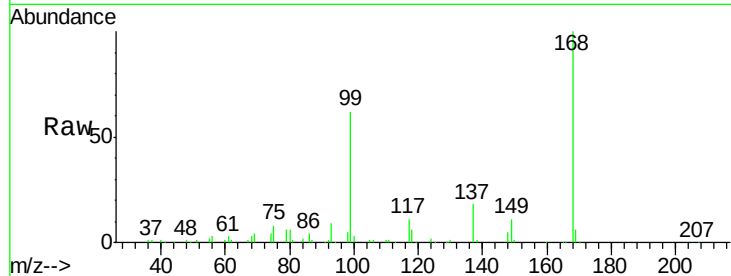




#36
 1,1-Dichloropropene
 Concen: 5.824 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.13 min
 Lab File: VD066434.D
 Acq: 27 Aug 2020 14:01

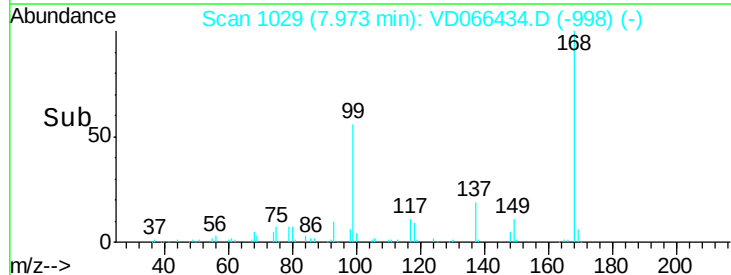
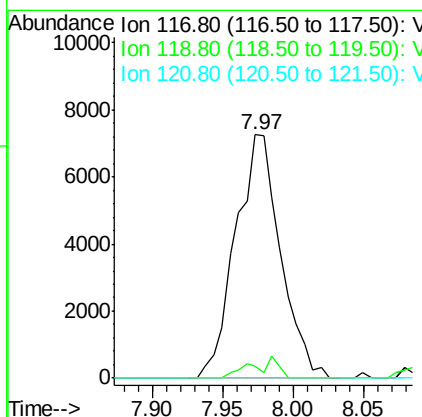
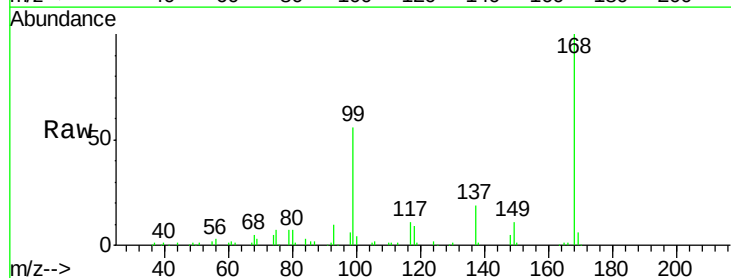
Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB181-GW-598-600

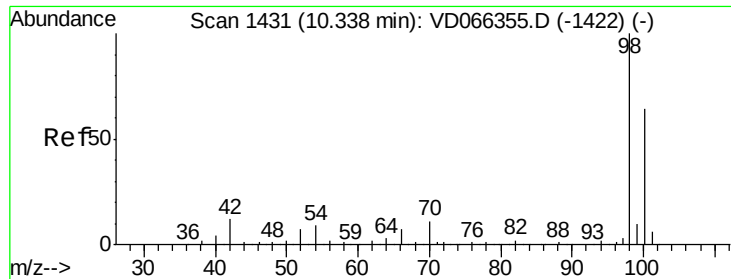
Tgt Ion: 75 Resp: 11978
 Ion Ratio Lower Upper
 75 100
 110 9.5 18.7 56.1#
 77 0.0 25.2 37.8#



#38
 Carbon Tetrachloride
 Concen: 6.052 ug/l
 RT: 7.97 min Scan# 1029
 Delta R.T. -0.12 min
 Lab File: VD066434.D
 Acq: 27 Aug 2020 14:01

Tgt Ion: 117 Resp: 16217
 Ion Ratio Lower Upper
 117 100
 119 4.9 77.2 115.8#
 121 0.0 25.8 38.8#

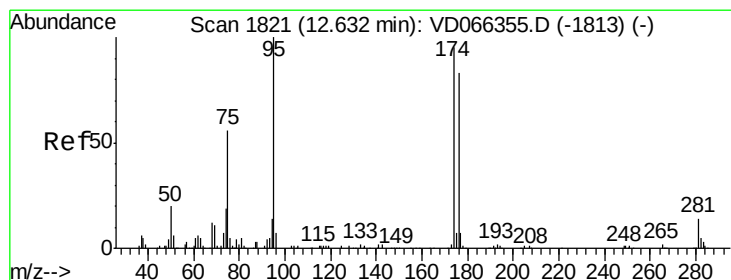
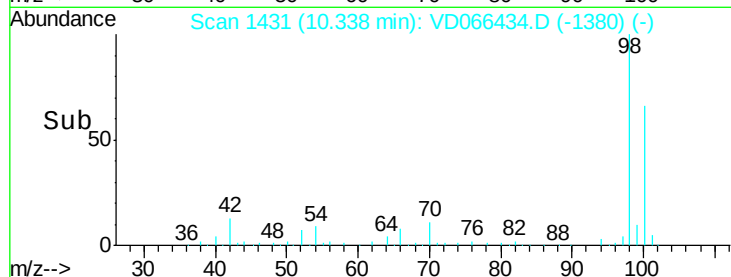
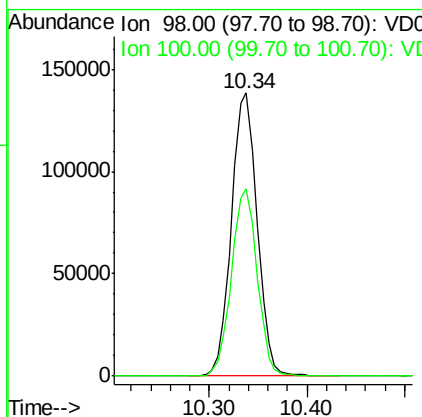
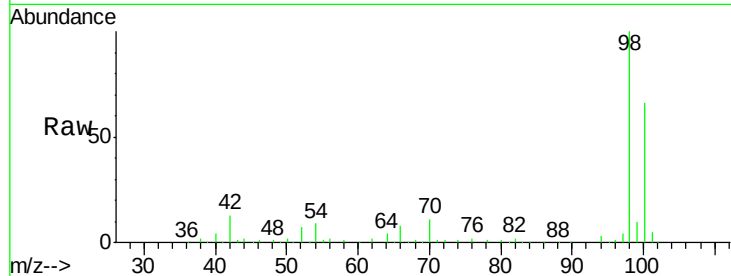




#50
Toluene-d8
Concen: 49.419 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066434.D
Acq: 27 Aug 2020 14:01

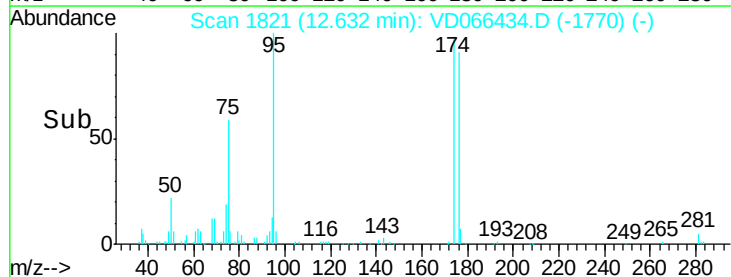
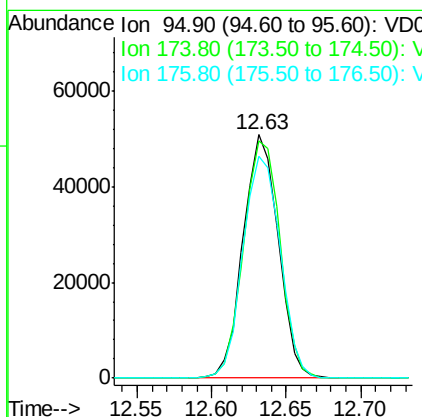
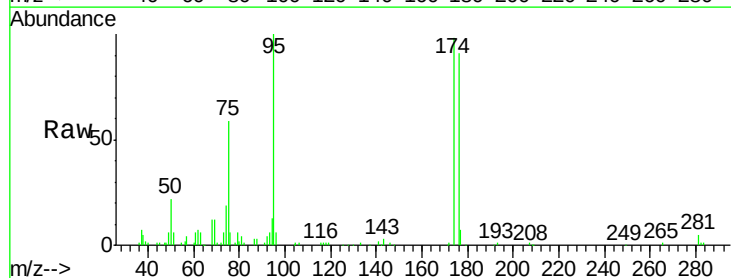
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB181-GW-598-600

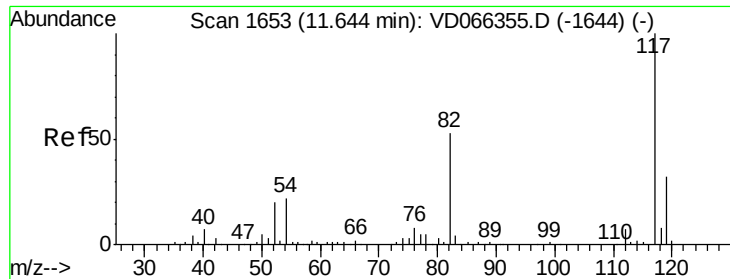
Tgt Ion: 98 Resp: 254865
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 45.325 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066434.D
Acq: 27 Aug 2020 14:01

Tgt Ion: 95 Resp: 82946
Ion Ratio Lower Upper
95 100
174 101.1 0.0 183.4
176 96.6 0.0 173.8

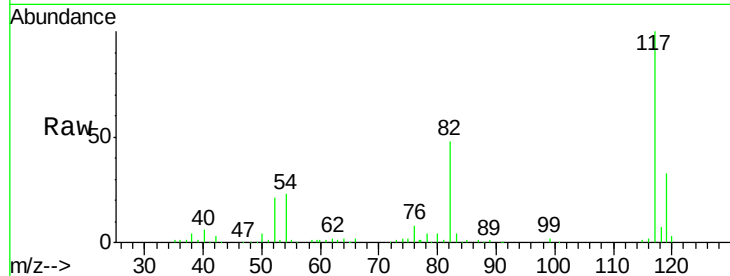




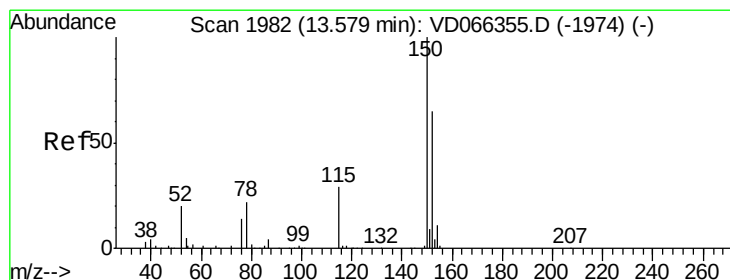
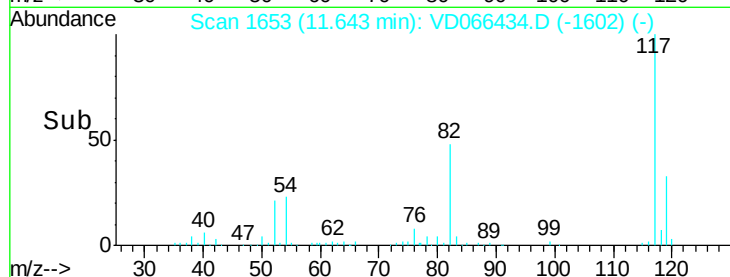
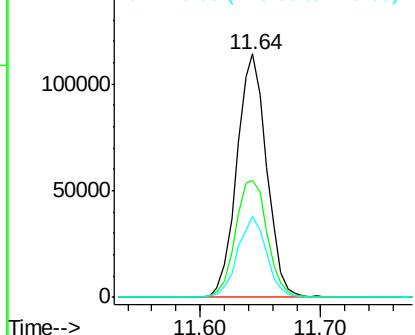
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066434.D
Acq: 27 Aug 2020 14:01

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB181-GW-598-600

Tgt Ion:117 Resp: 196338
Ion Ratio Lower Upper
117 100
82 48.1 42.8 64.2
119 33.4 25.8 38.8

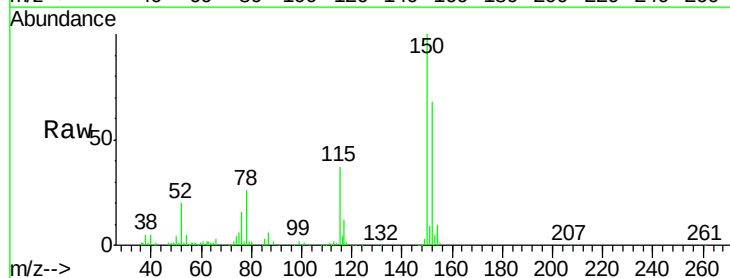


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

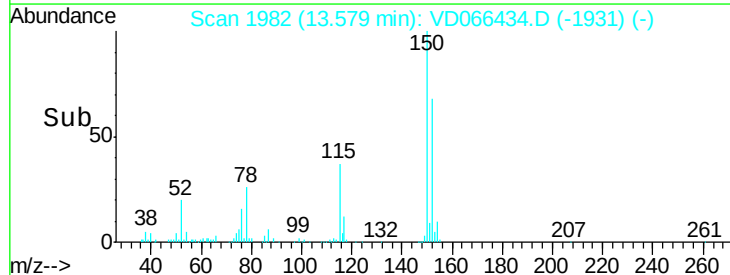
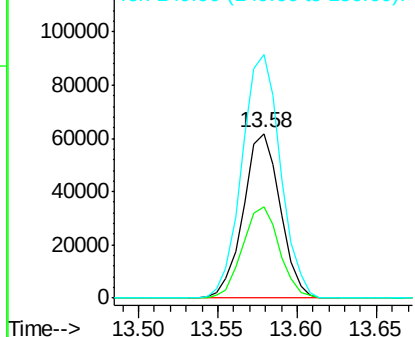


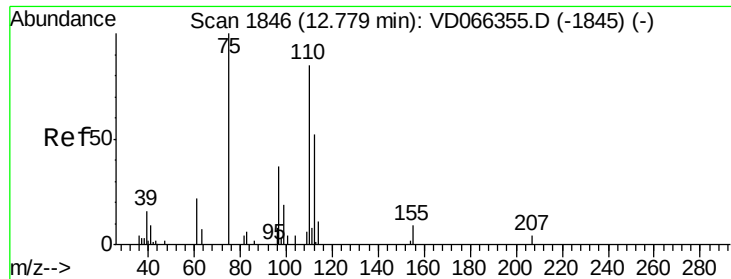
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066434.D
Acq: 27 Aug 2020 14:01

Tgt Ion:152 Resp: 100288
Ion Ratio Lower Upper
152 100
115 55.4 28.3 85.0
150 153.9 0.0 343.2



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: 70.110 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066434.D

Acq: 27 Aug 2020 14:01

Instrument :

MSVOA_D

ClientSampleId :

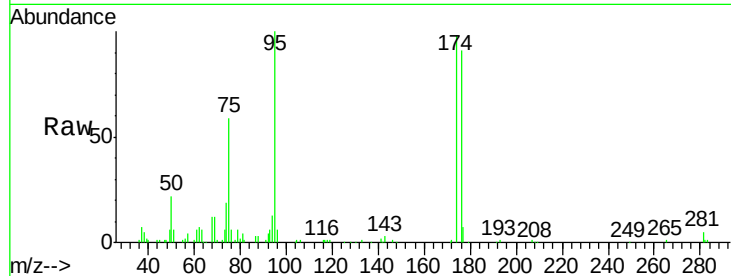
BP-VPB181-GW-598-600

Tgt Ion: 75 Resp: 49465

Ion Ratio Lower Upper

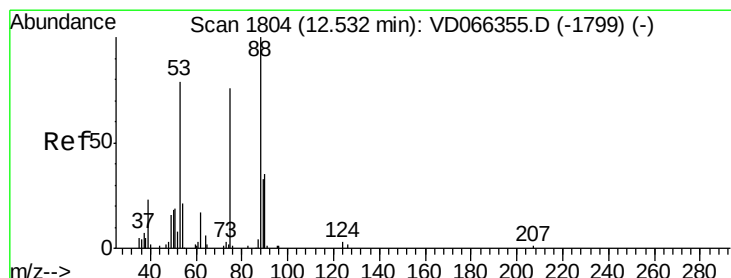
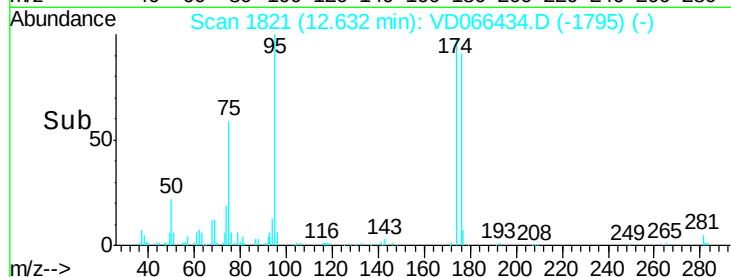
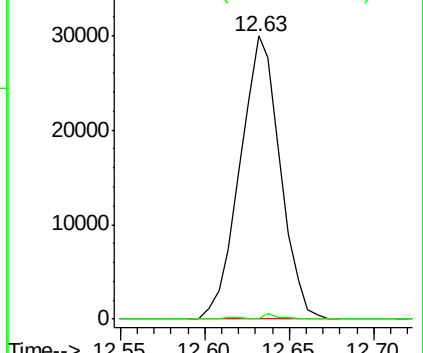
75 100

77 0.7 182.9 548.9#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 148.822 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066434.D

Acq: 27 Aug 2020 14:01

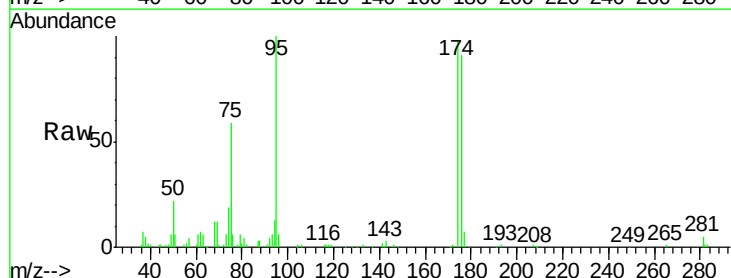
Tgt Ion: 75 Resp: 49465

Ion Ratio Lower Upper

75 100

53 0.0 87.4 131.2#

89 0.0 39.4 59.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC

