

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092820\
 Data File : VD066919.D
 Acq On : 28 Sep 2020 17:55
 Operator : VA/SY
 Sample : L4136-01
 Misc : 5.60G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B26-092420-0-1

Quant Time: Sep 29 02:05:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

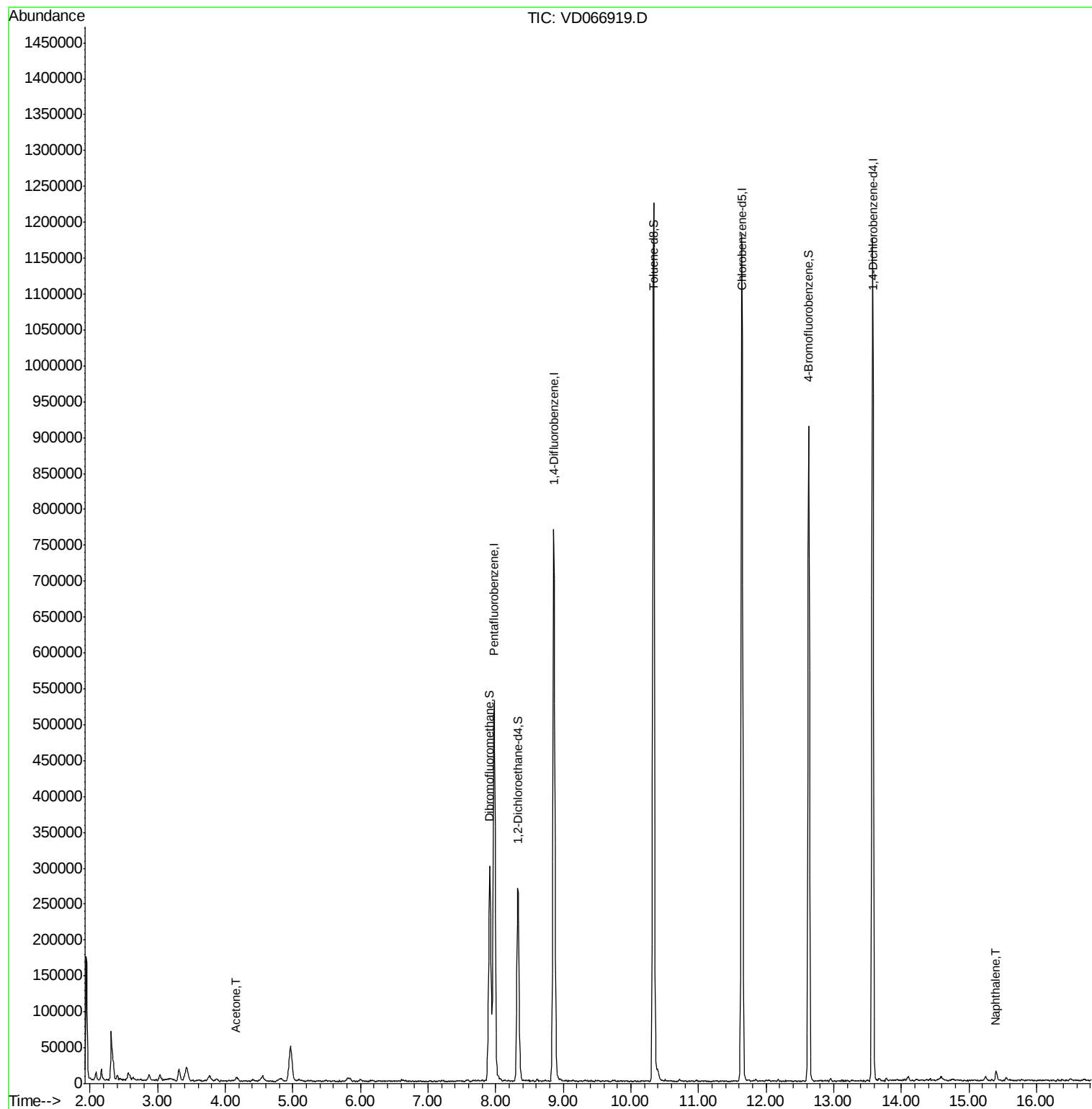
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	383335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	677135	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	701807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	304126	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	211214	56.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.58%	
35) Dibromofluoromethane	7.91	113	216520	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
50) Toluene-d8	10.34	98	832550	56.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.44%	
62) 4-Bromofluorobenzene	12.63	95	296521	59.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.02%	
Target Compounds						
16) Acetone	4.16	43	6299	7.914	ug/l	99
95) Naphthalene	15.40	128	12792	1.378	ug/l #	89

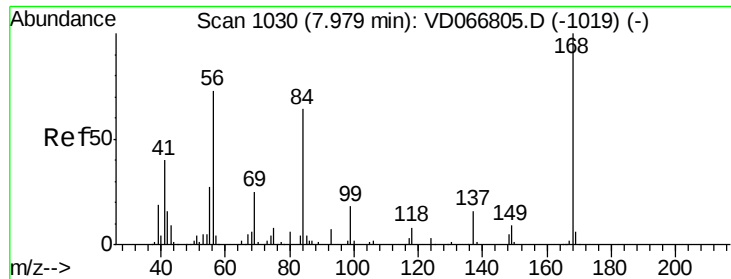
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066919.D

Acq: 28 Sep 2020 17:55

Instrument :

MSVOA_D

ClientSampleId :

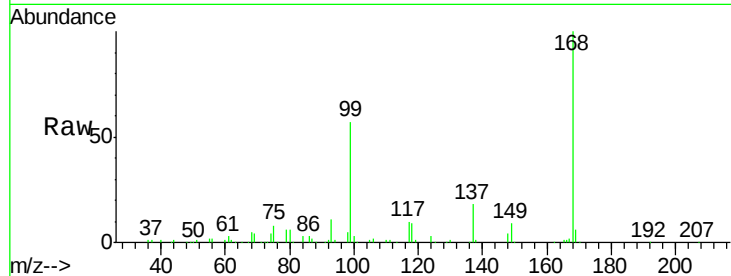
PAV-B26-092420-0-1

Tot Ion:168 Resp: 383335

Ion Ratio Lower Upper

168 100

99 57.1 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

200000

150000

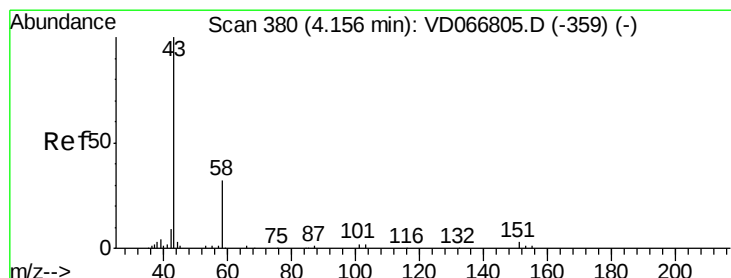
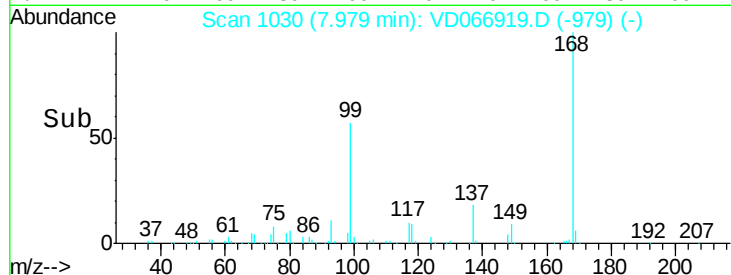
100000

50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 7.914 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066919.D

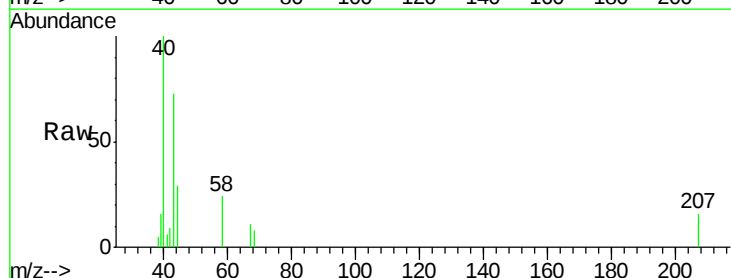
Acq: 28 Sep 2020 17:55

Tgt Ion: 43 Resp: 6299

Ion Ratio Lower Upper

43 100

58 32.4 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

2500

2000

1500

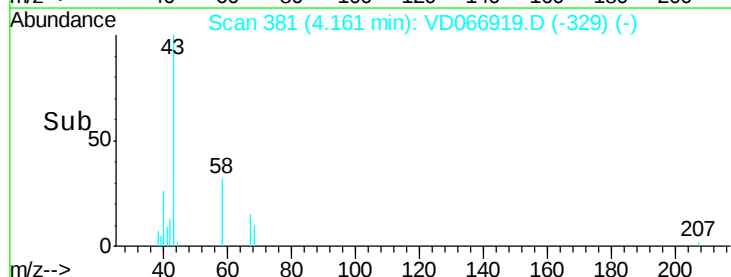
1000

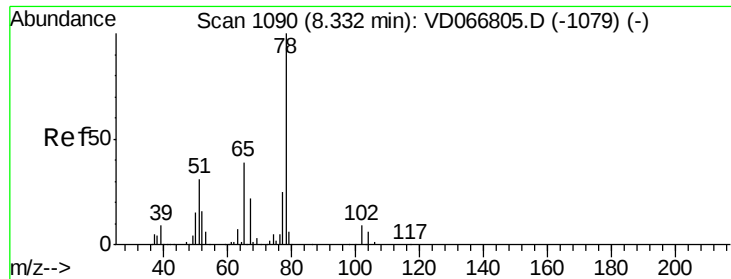
500

0

4.10 4.15 4.20

Time-->

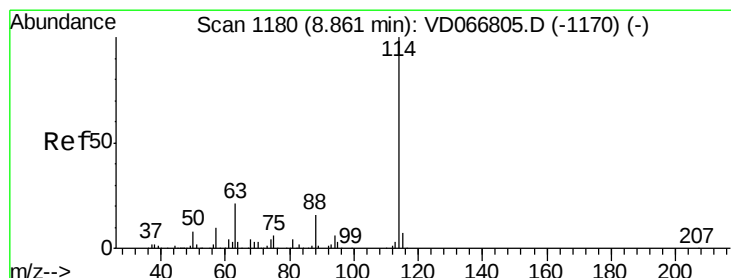
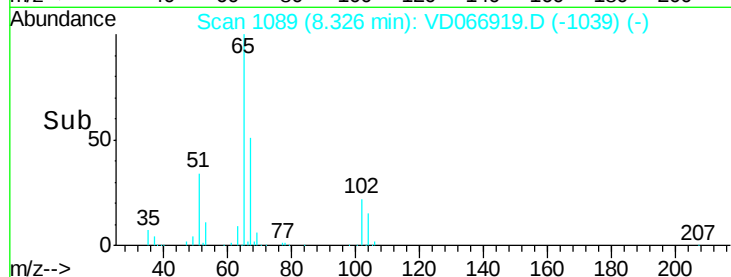
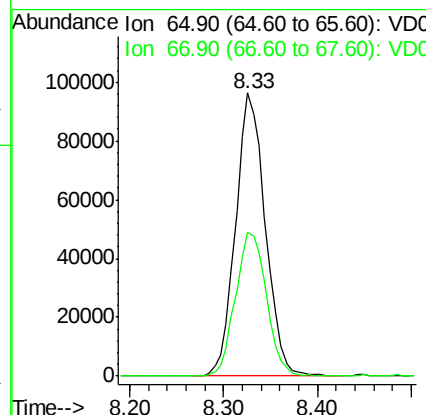
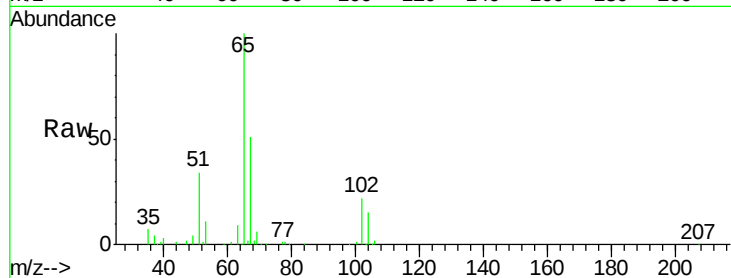




#33
 1,2-Dichloroethane-d4
 Concen: 56.295 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066919.D
 Acq: 28 Sep 2020 17:55

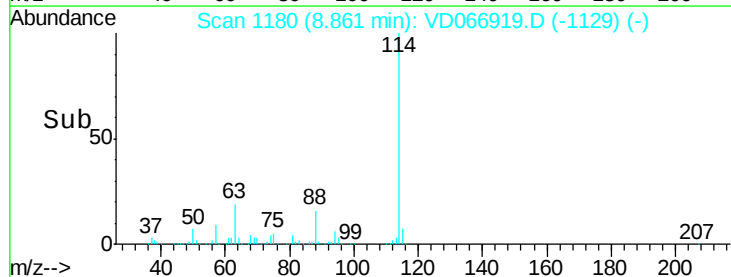
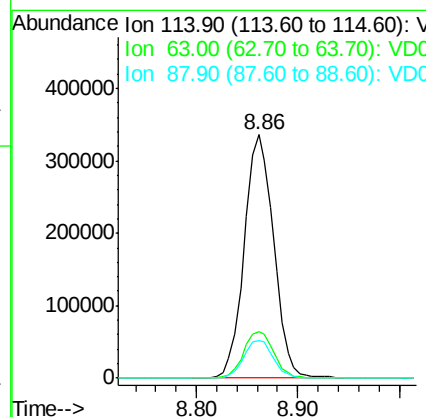
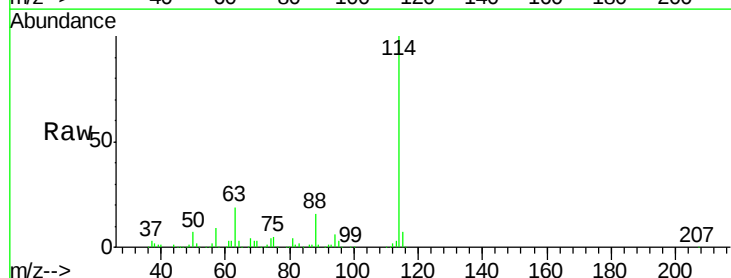
Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B26-092420-0-1

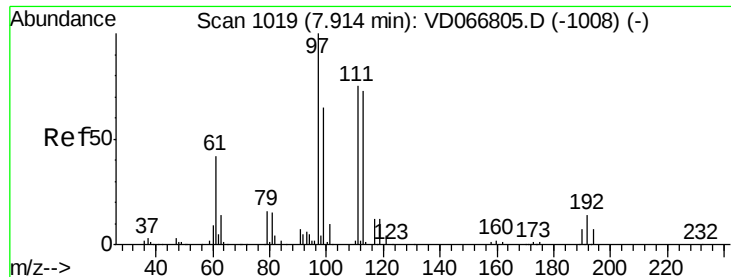
Tot Ion: 65 Resp: 211214
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066919.D
 Acq: 28 Sep 2020 17:55

Tgt Ion: 114 Resp: 677135
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 42.6
 88 15.7 0.0 32.6

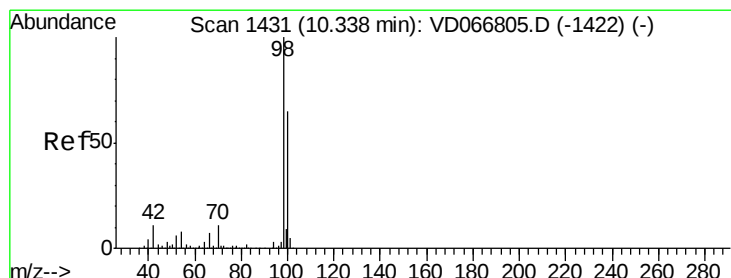
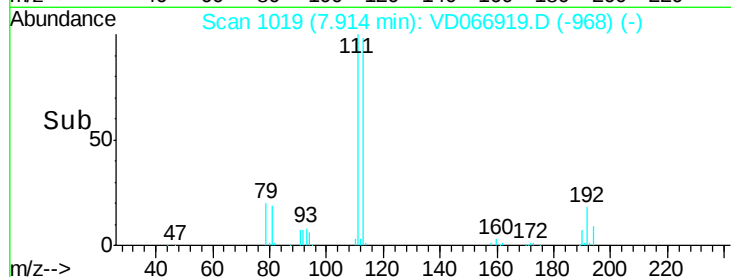
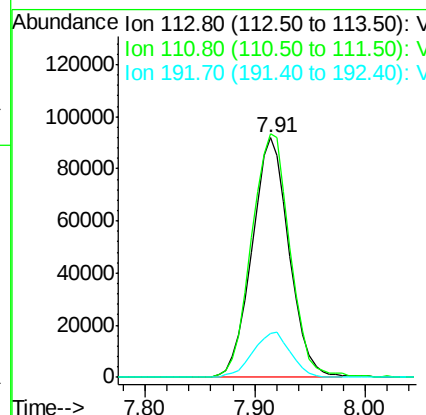
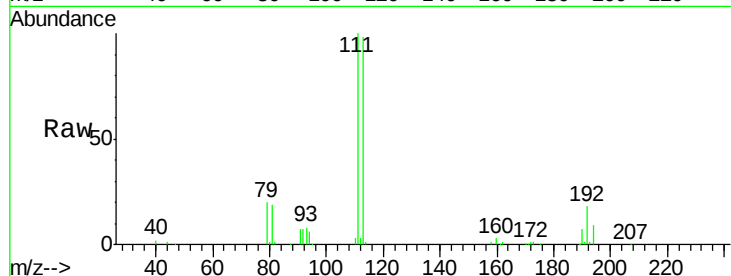




#35
 Dibromofluoromethane
 Concen: 50.261 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066919.D
 Acq: 28 Sep 2020 17:55

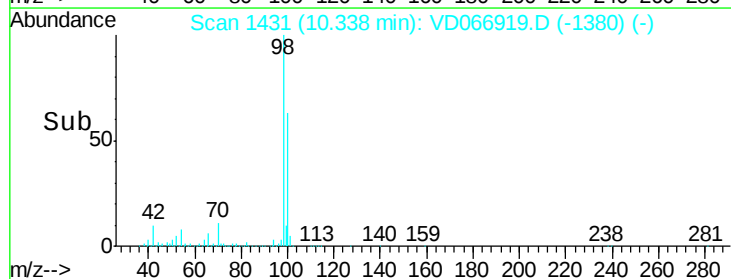
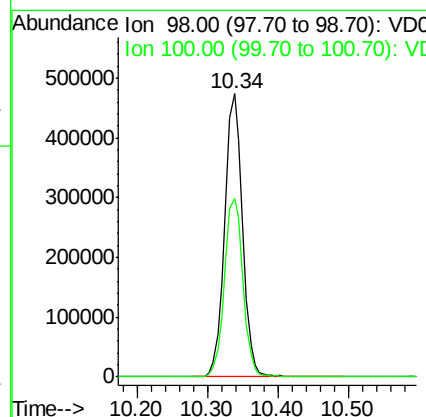
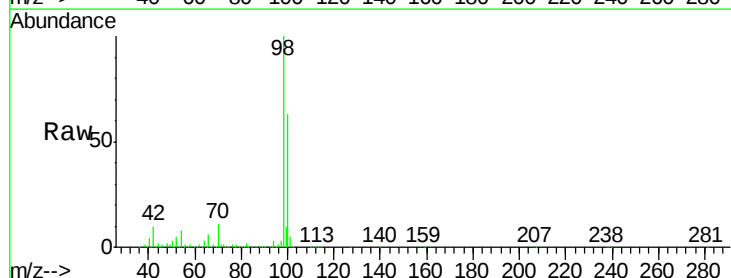
Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B26-092420-0-1

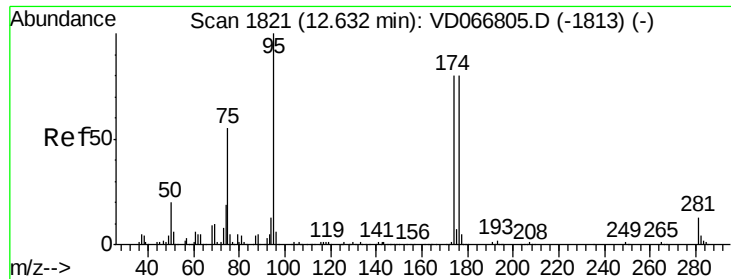
Tot Ion	Ratio	Lower	Upper
113	100		
111	105.9	81.8	122.8
192	19.4	14.4	21.6



#50
 Toluene-d8
 Concen: 56.721 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: VD066919.D
 Acq: 28 Sep 2020 17:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.2	78.2

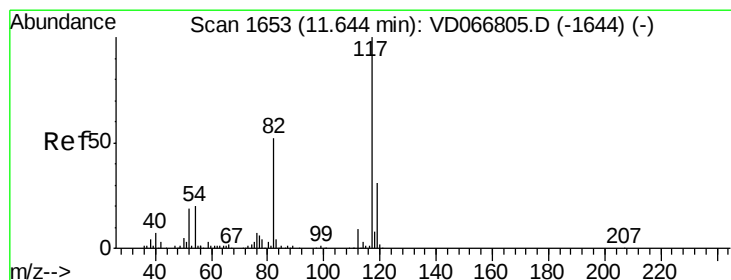
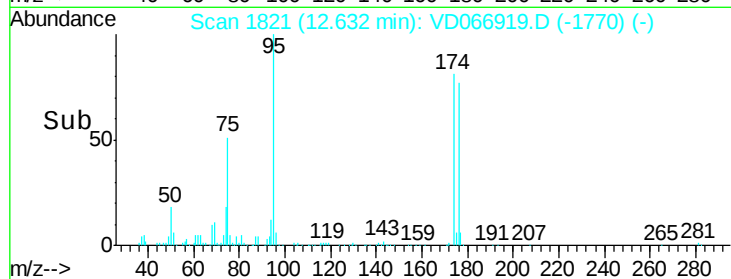
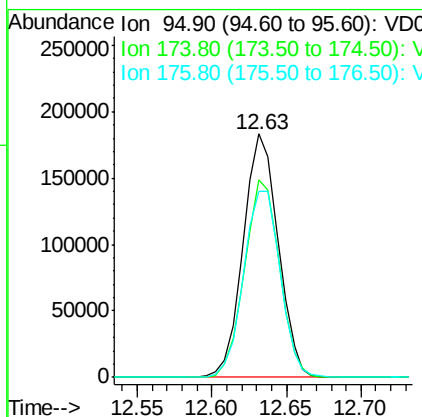
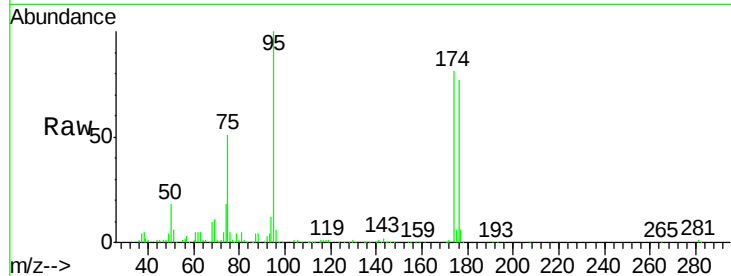




#62
4-Bromofluorobenzene
Concen: 59.012 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066919.D
Acq: 28 Sep 2020 17:55

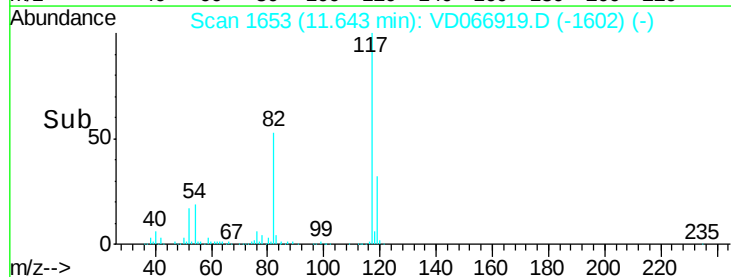
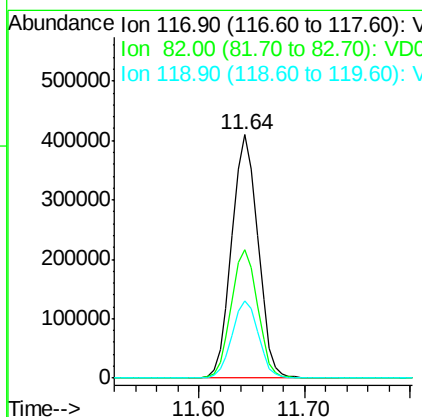
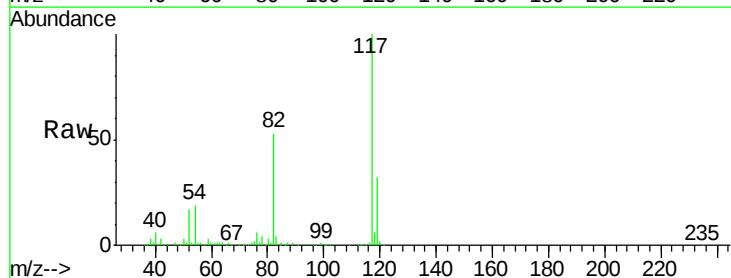
Instrument :
MSVOA_D
ClientSampleId :
PAV-B26-092420-0-1

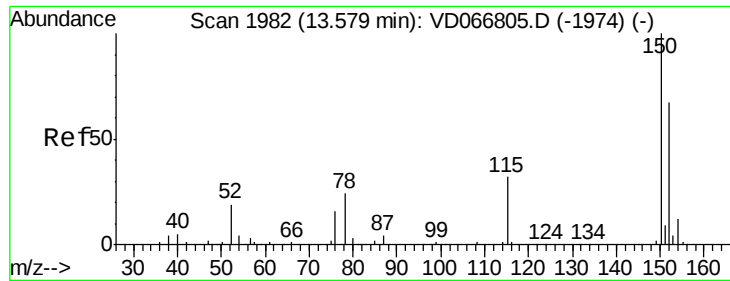
Tot Ion	Ratio	Lower	Upper
95	100		
174	81.3	0.0	159.8
176	80.0	0.0	154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066919.D
Acq: 28 Sep 2020 17:55

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.6	41.8	62.6
119	31.5	24.6	37.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066919.D

Acq: 28 Sep 2020 17:55

Instrument :

MSVOA_D

ClientSampleId :

PAV-B26-092420-0-1

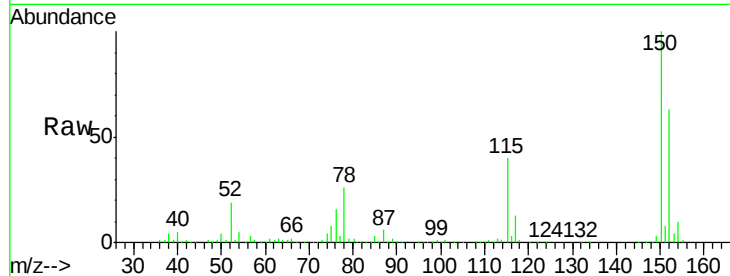
Tot Ion:152 Resp: 304126

Ion Ratio Lower Upper

152 100

115 60.1 30.3 91.0

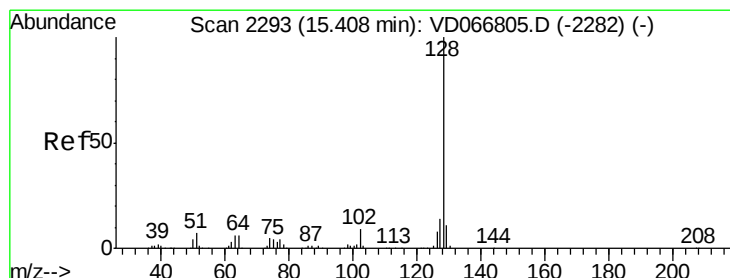
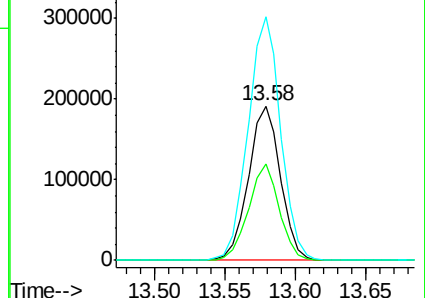
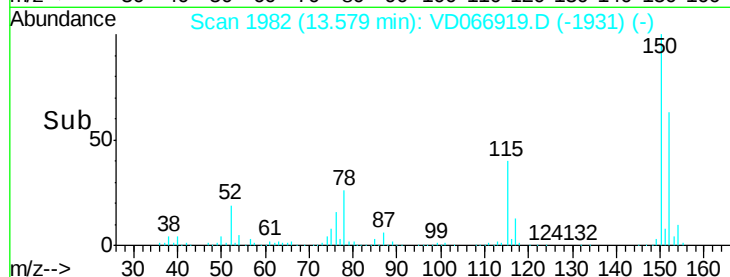
150 160.5 0.0 346.2



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



#95

Naphthalene

Concen: 1.378 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD066919.D

Acq: 28 Sep 2020 17:55

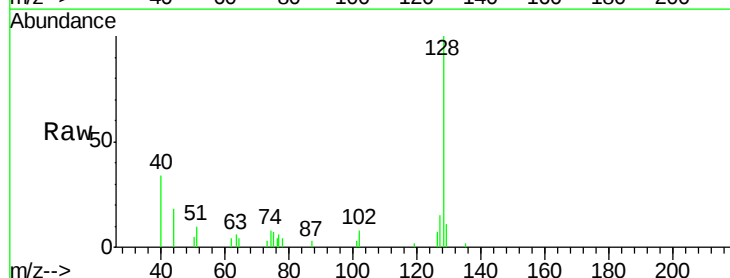
Tgt Ion:128 Resp: 12792

Ion Ratio Lower Upper

128 100

127 5.7 10.6 16.0#

129 10.4 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

