

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092820\
 Data File : VD066920.D
 Acq On : 28 Sep 2020 18:22
 Operator : VA/SY
 Sample : L4136-07
 Misc : 8.13G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B26-092420-18-19

Quant Time: Sep 29 02:07:29 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

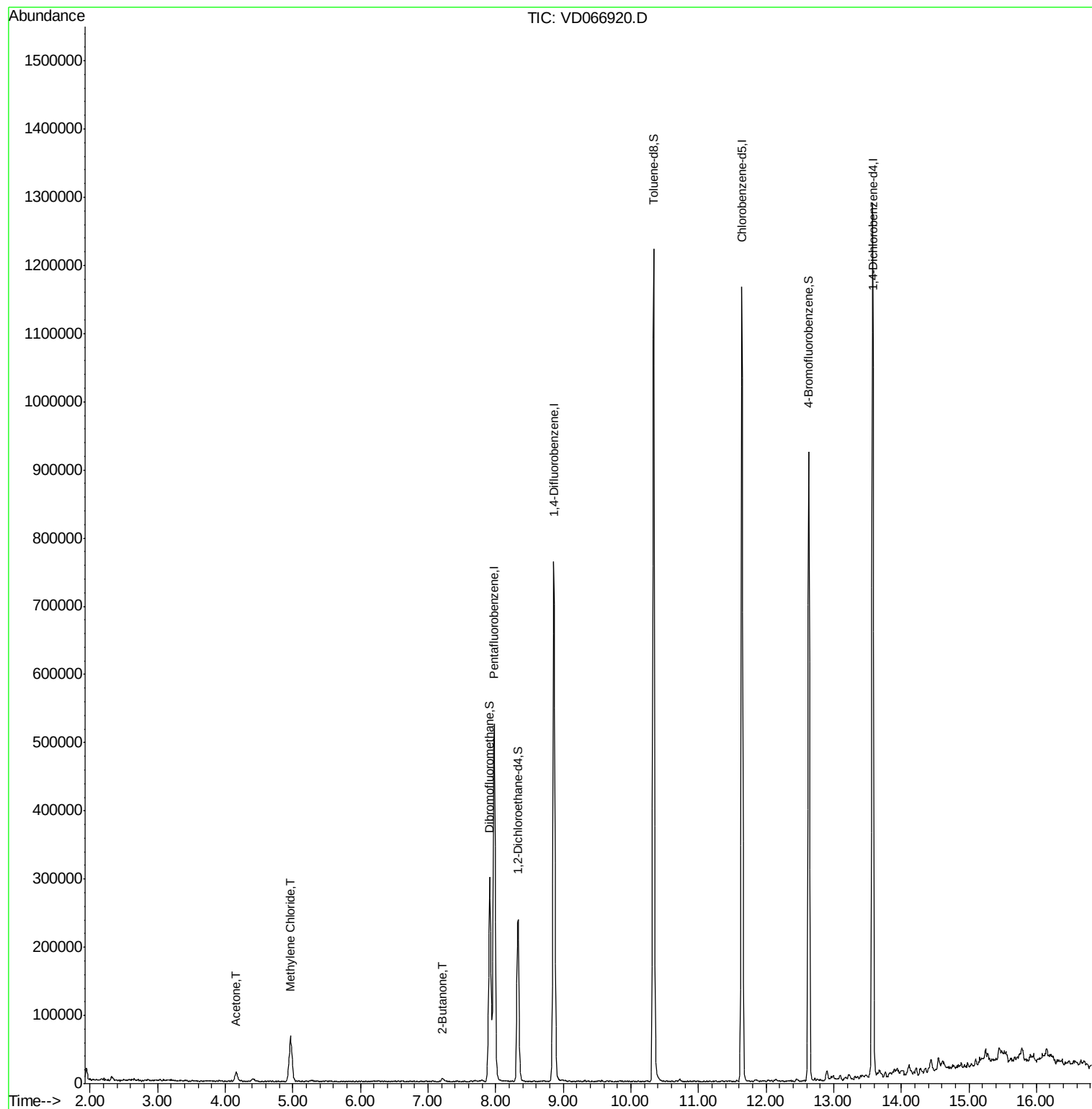
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	376349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	663779	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	690186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	335389	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	193695	52.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.16%	
35) Dibromofluoromethane	7.91	113	209425	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.18%	
50) Toluene-d8	10.34	98	819255	56.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.88%	
62) 4-Bromofluorobenzene	12.63	95	299711	60.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.70%	
Target Compounds						
16) Acetone	4.16	43	24793	31.729	ug/l #	84
20) Methylene Chloride	4.97	84	50126	6.864	ug/l	97
25) 2-Butanone	7.21	43	5668	6.036	ug/l	91

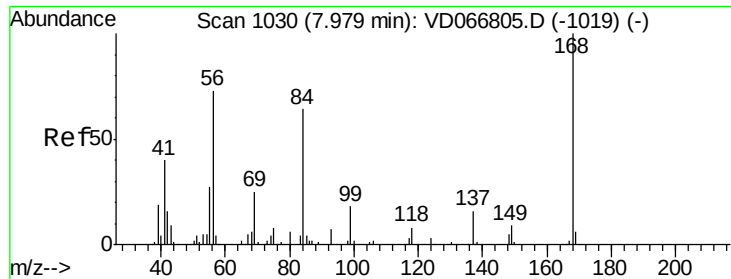
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092820\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066920.D

Acq: 28 Sep 2020 18:22

Instrument :

MSVOA_D

ClientSampleId :

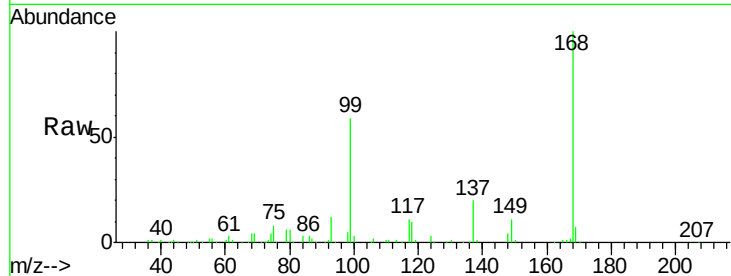
PAV-B26-092420-18-19

Tot Ion:168 Resp: 376349

Ion Ratio Lower Upper

168 100

99 59.1 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

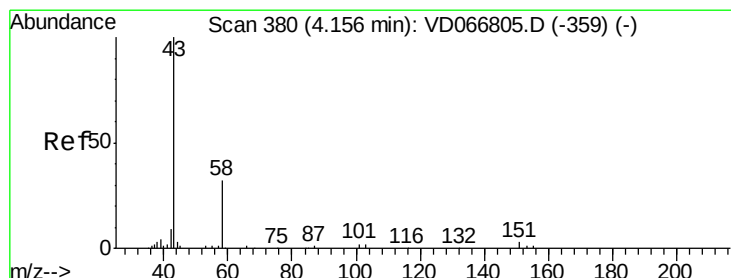
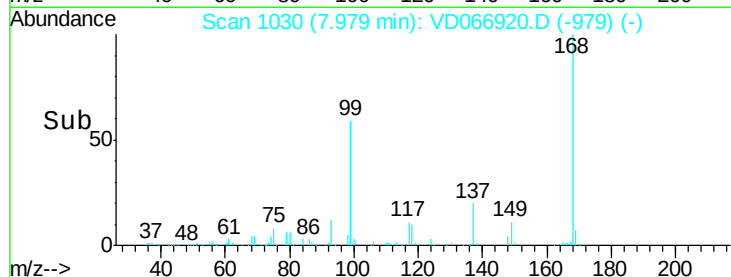
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 31.729 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066920.D

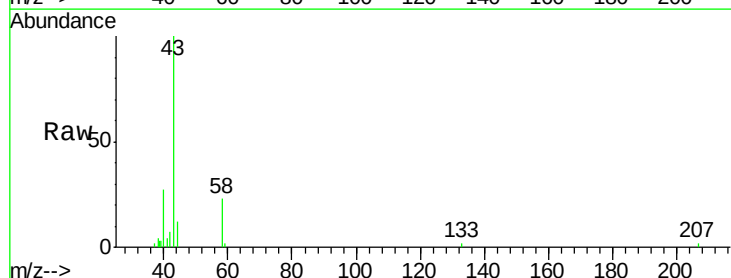
Acq: 28 Sep 2020 18:22

Tgt Ion: 43 Resp: 24793

Ion Ratio Lower Upper

43 100

58 22.8 25.6 38.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

10000

8000

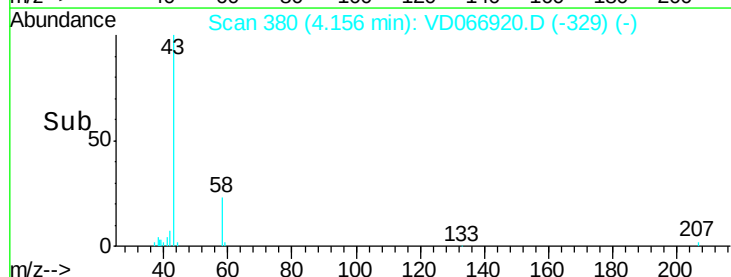
6000

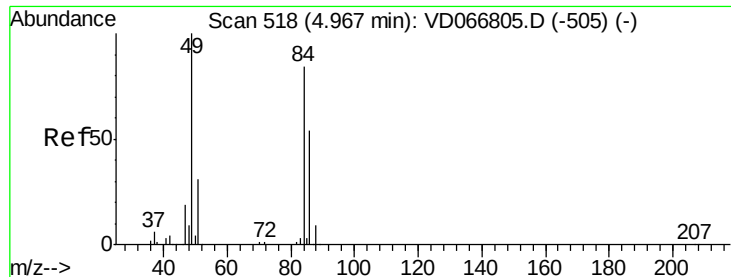
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 6.864 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.00 min

Lab File: VD066920.D

Acq: 28 Sep 2020 18:22

Instrument :

MSVOA_D

ClientSampleId :

PAV-B26-092420-18-19

Tot Ion: 84 Resp: 50126

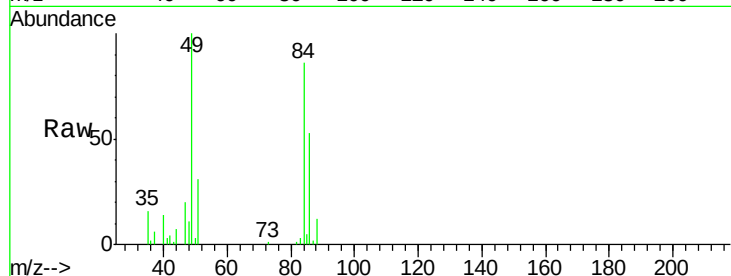
Ion Ratio Lower Upper

84 100

49 116.5 95.4 143.2

51 36.5 29.7 44.5

86 61.5 51.4 77.2

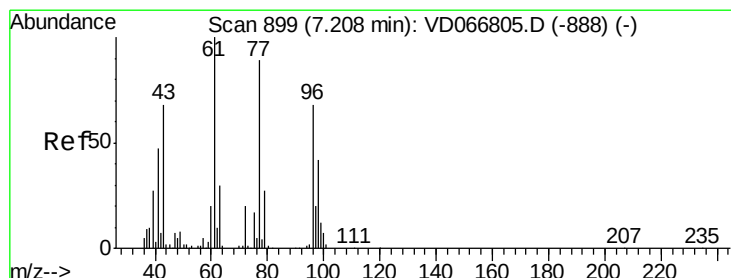
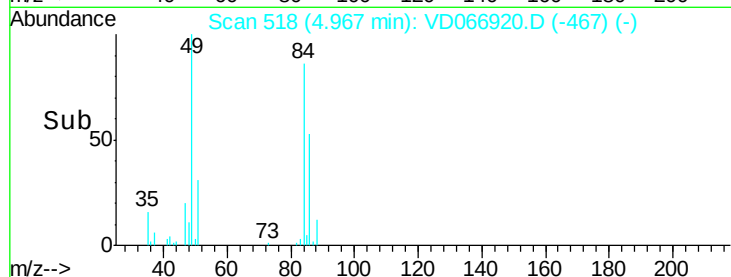
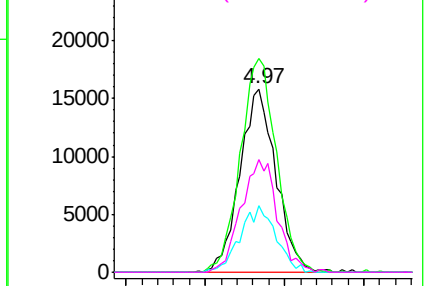


Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#25

2-Butanone

Concen: 6.036 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066920.D

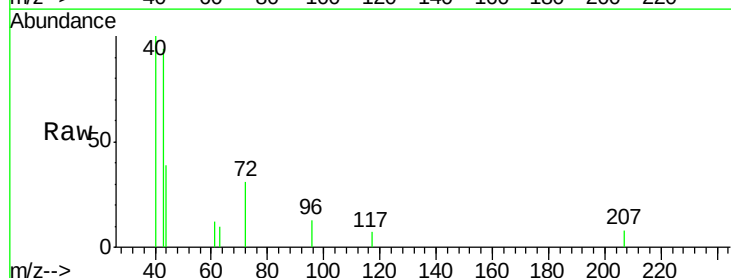
Acq: 28 Sep 2020 18:22

Tgt Ion: 43 Resp: 5668

Ion Ratio Lower Upper

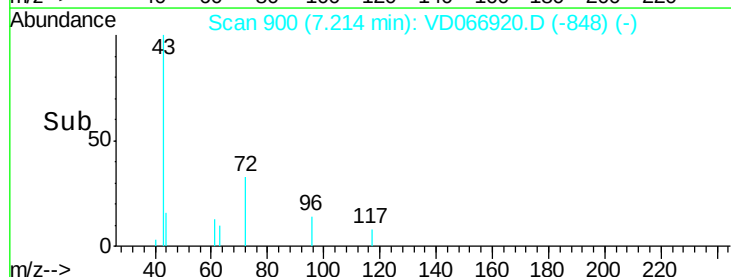
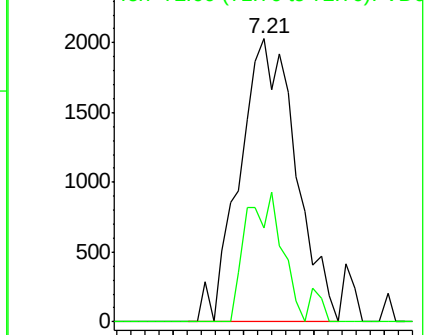
43 100

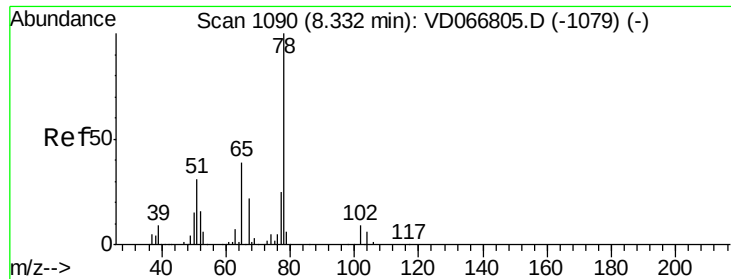
72 33.3 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

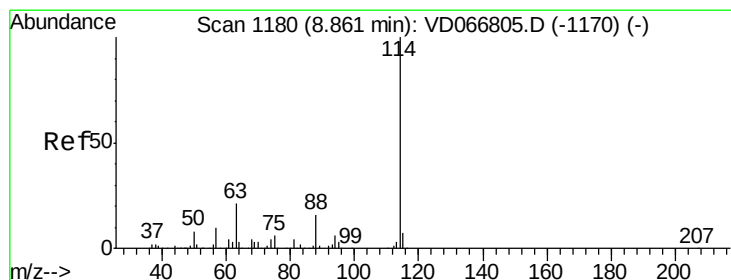
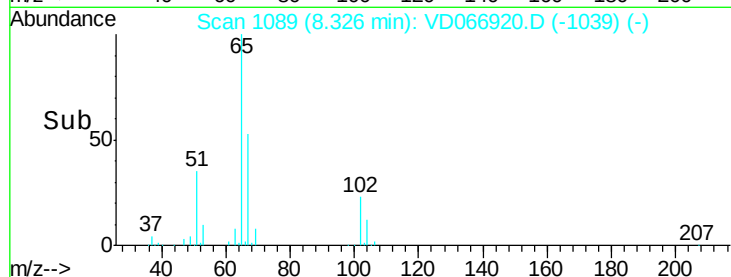
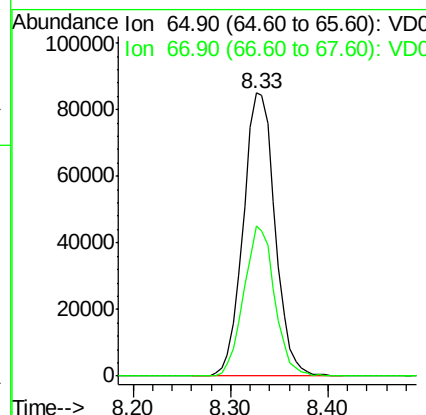
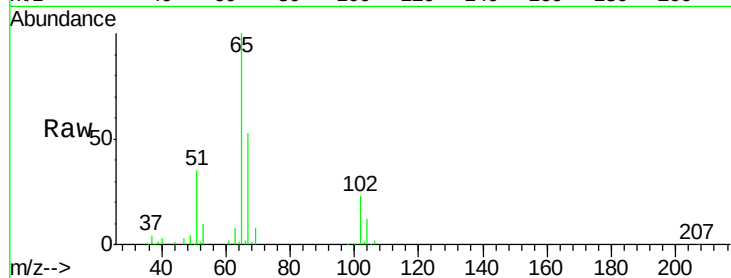




#33
 1,2-Dichloroethane-d4
 Concen: 52.584 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066920.D
 Acq: 28 Sep 2020 18:22

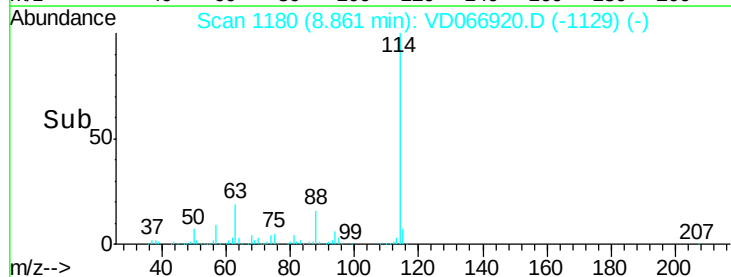
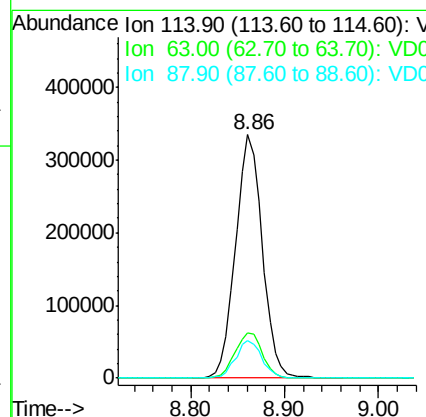
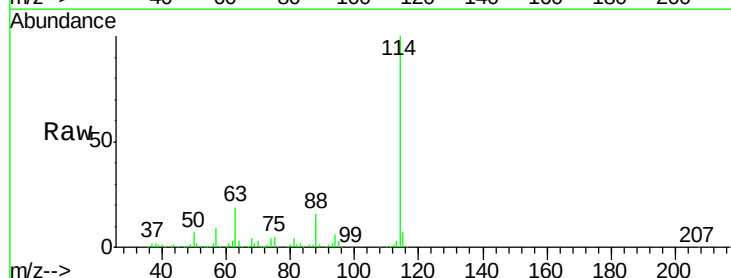
Instrument :
 MSVOA_D
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 PAV-B26-092420-18-19

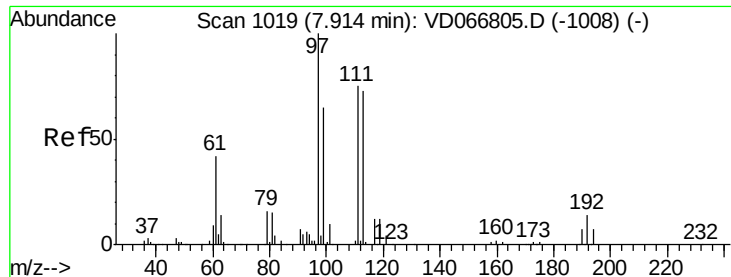
Tot Ion: 65 Resp: 193695
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066920.D
 Acq: 28 Sep 2020 18:22

Tgt Ion: 114 Resp: 663779
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 42.6
 88 15.6 0.0 32.6

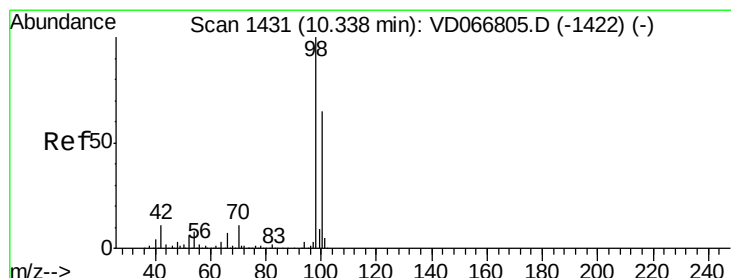
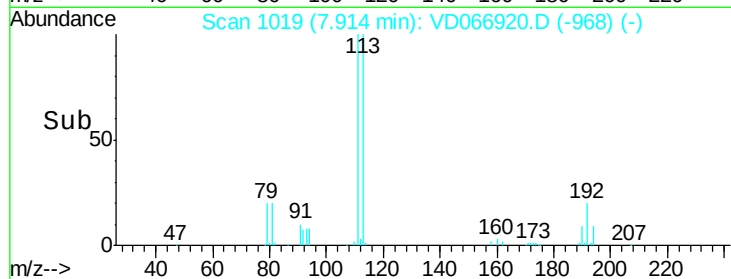
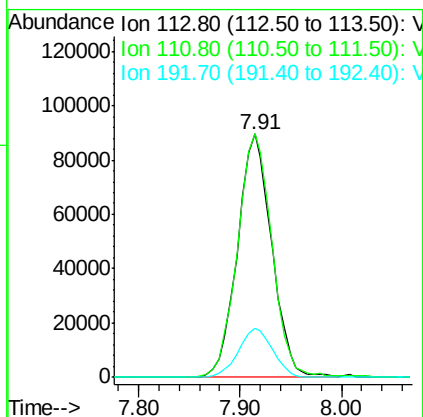
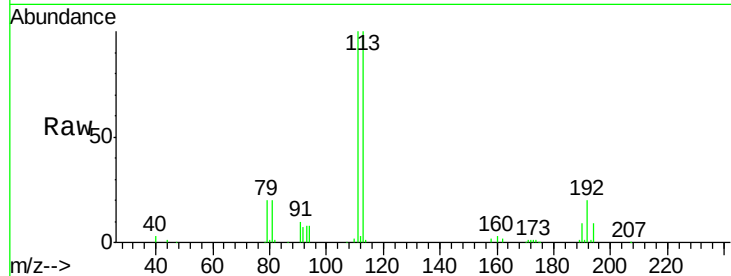




#35
 Dibromofluoromethane
 Concen: 49.592 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066920.D
 Acq: 28 Sep 2020 18:22

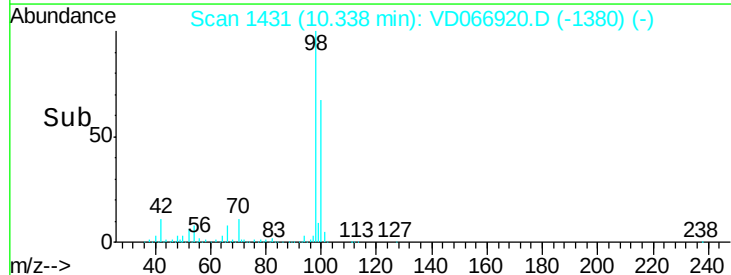
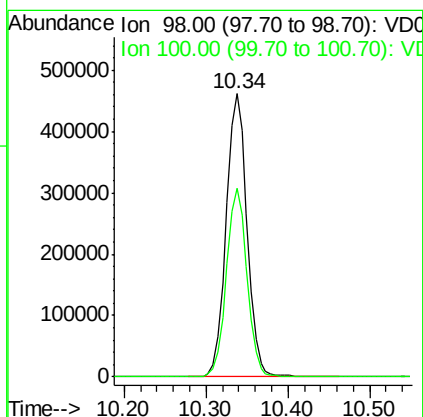
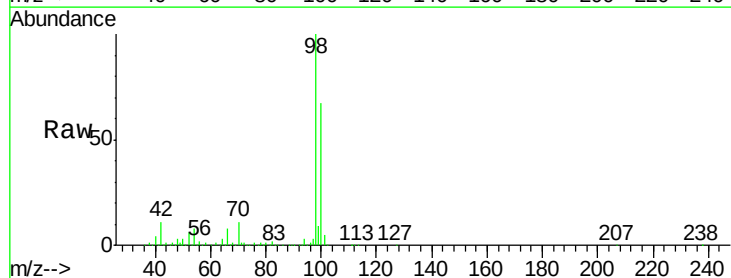
Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B26-092420-18-19

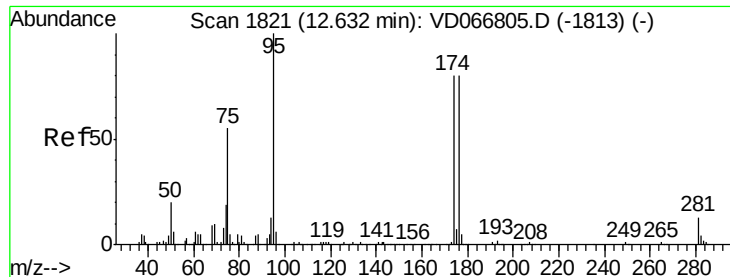
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.8	122.8
192	20.4	14.4	21.6



#50
 Toluene-d8
 Concen: 56.939 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: VD066920.D
 Acq: 28 Sep 2020 18:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.2	78.2

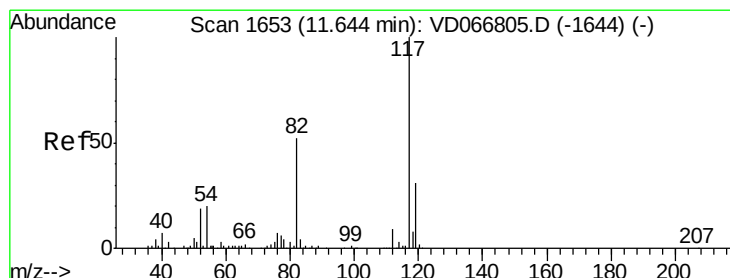
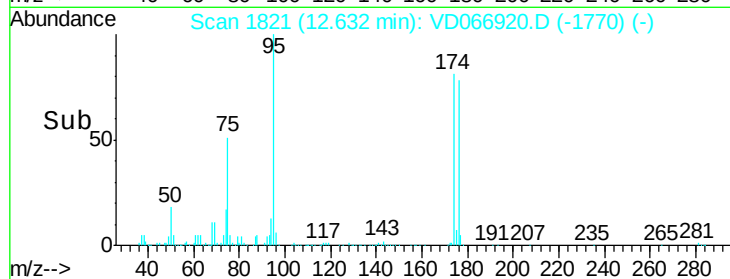
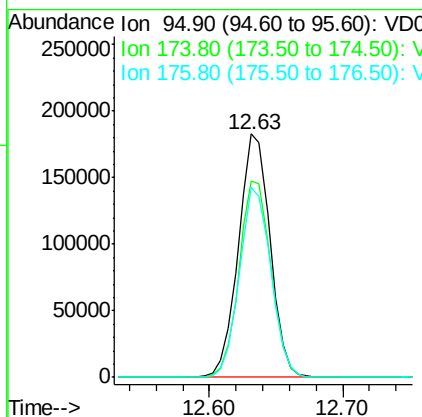
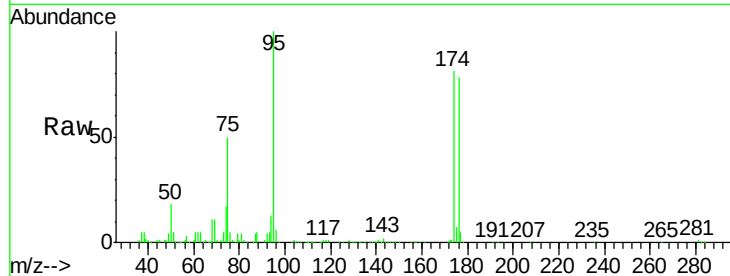




#62
4-Bromofluorobenzene
Concen: 60.847 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066920.D
Acq: 28 Sep 2020 18:22

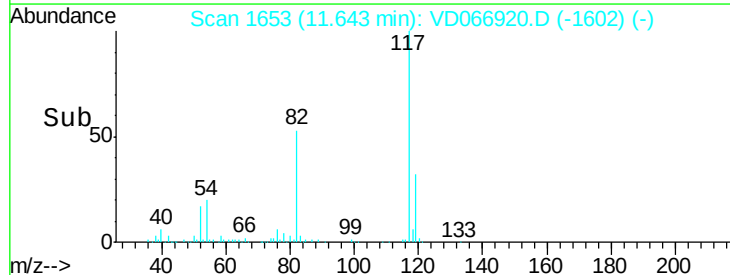
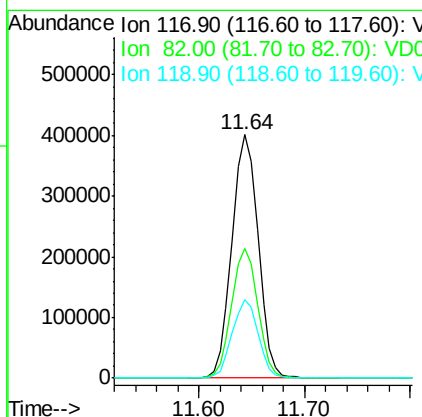
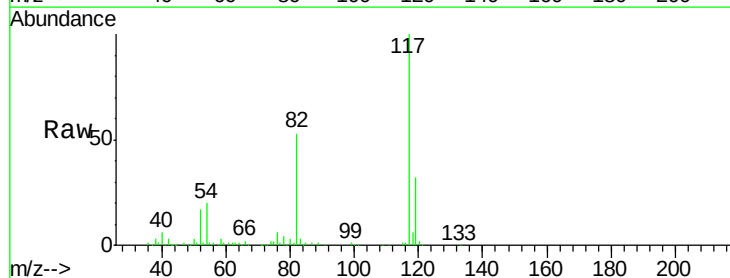
Instrument :
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ClientSampleId :
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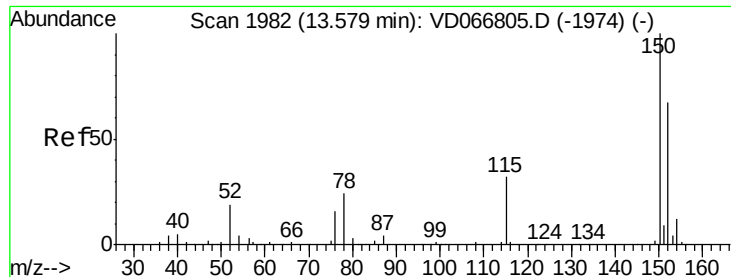
Tot Ion	Ratio	Lower	Upper
95	100		
174	81.1	0.0	159.8
176	77.3	0.0	154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066920.D
Acq: 28 Sep 2020 18:22

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.5	41.8	62.6
119	32.3	24.6	37.0

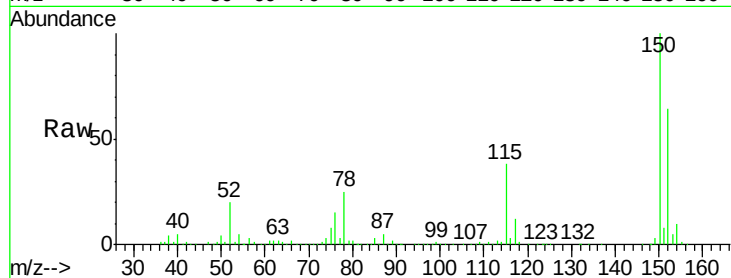




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: VD066920.D
 Acq: 28 Sep 2020 18:22

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B26-092420-18-19

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.9	30.3	91.0
150	156.3	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

