

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092120\
 Data File : VD066795.D
 Acq On : 21 Sep 2020 20:54
 Operator : VA/SY
 Sample : L4104-01
 Misc : 4.87G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B29-092120-0-1

Quant Time: Sep 22 01:43:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

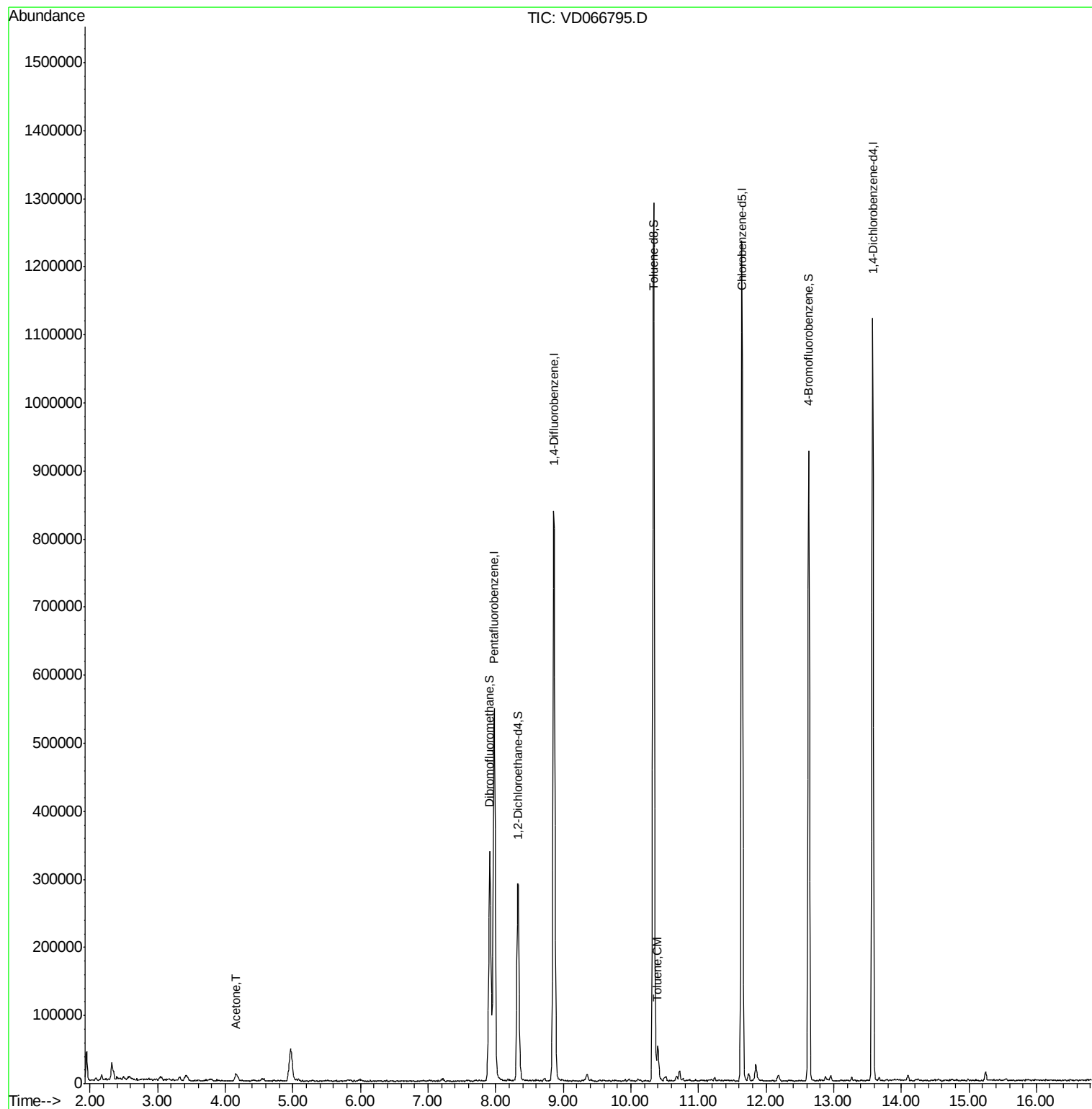
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	381581	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	714690	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	702198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	281884	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	235089	57.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.48%	
35) Dibromofluoromethane	7.91	113	239784	54.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.44%	
50) Toluene-d8	10.34	98	868015	55.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.20%	
62) 4-Bromofluorobenzene	12.63	95	293781	54.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.04%	
Target Compounds						
16) Acetone	4.16	43	17483	21.088	ug/l #	88
52) Toluene	10.40	92	20721	1.627	ug/l	93

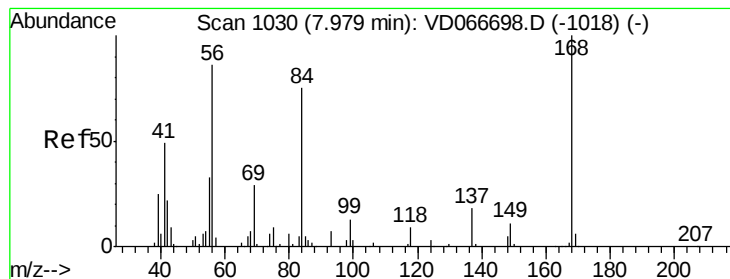
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

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MSVOA_D

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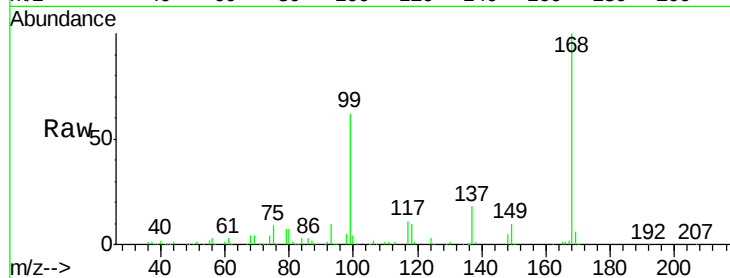
PAV-B29-092120-0-1

Tot Ion:168 Resp: 381581

Ion Ratio Lower Upper

168 100

99 61.6 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

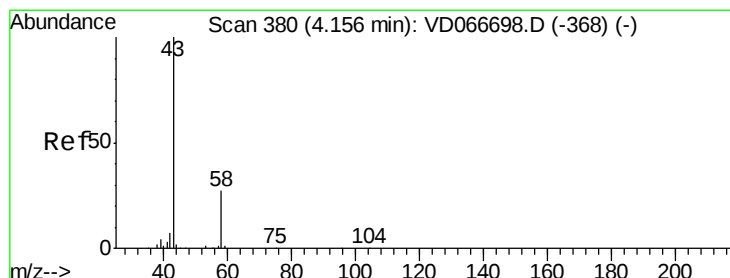
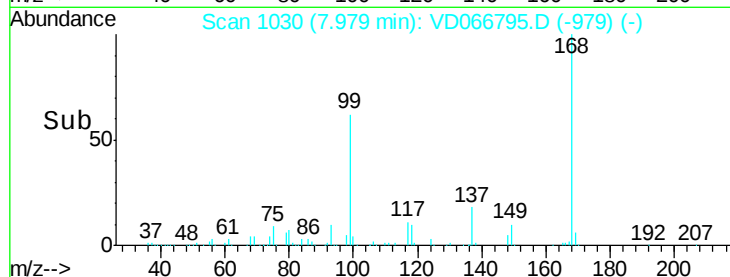
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 21.088 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066795.D

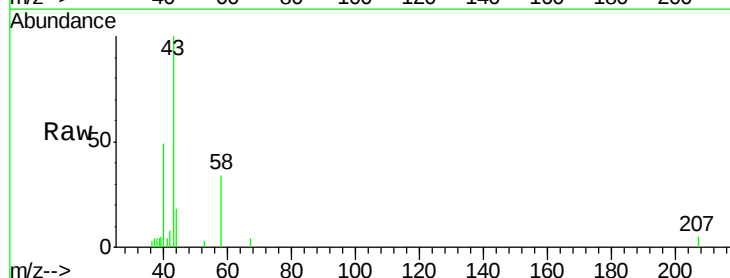
Acq: 21 Sep 2020 20:54

Tgt Ion: 43 Resp: 17483

Ion Ratio Lower Upper

43 100

58 33.6 21.9 32.9#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

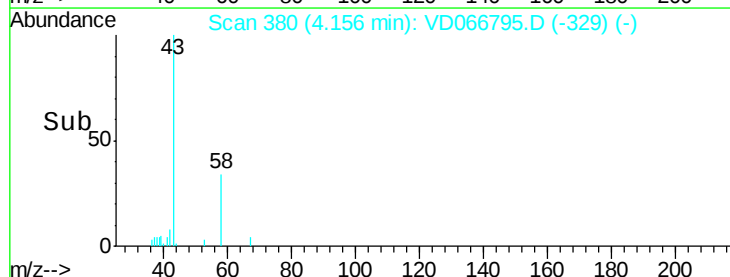
6000

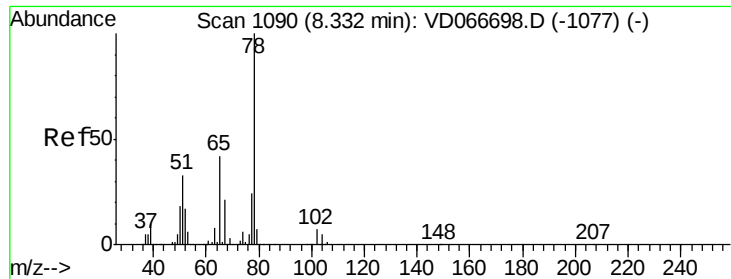
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2000

0

Time-->

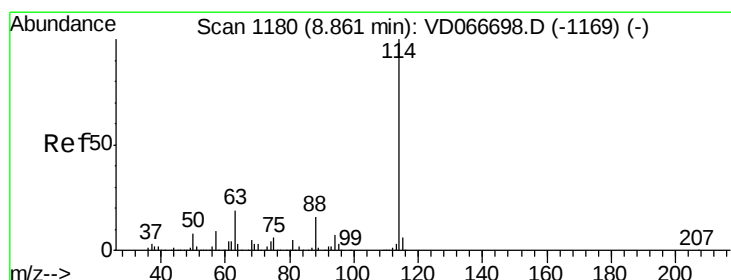
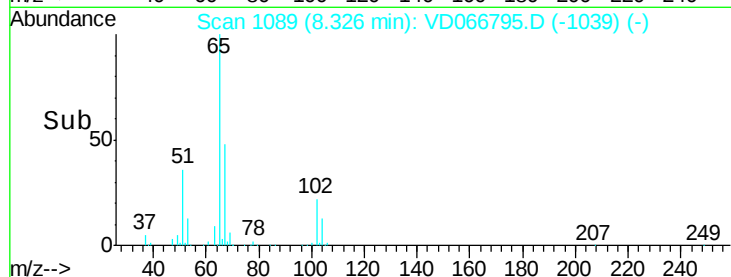
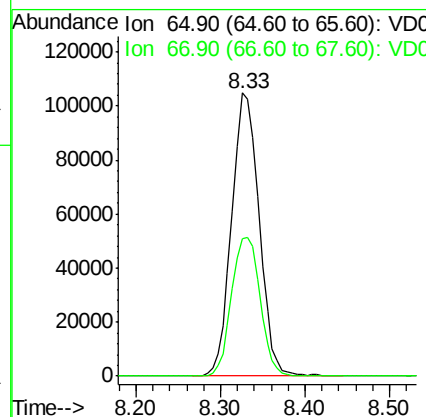
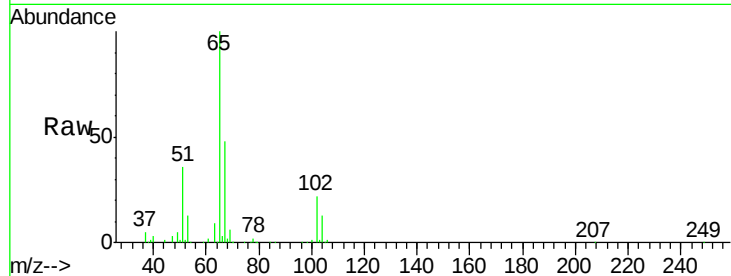




#33
 1,2-Dichloroethane-d4
 Concen: 57.744 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066795.D
 Acq: 21 Sep 2020 20:54

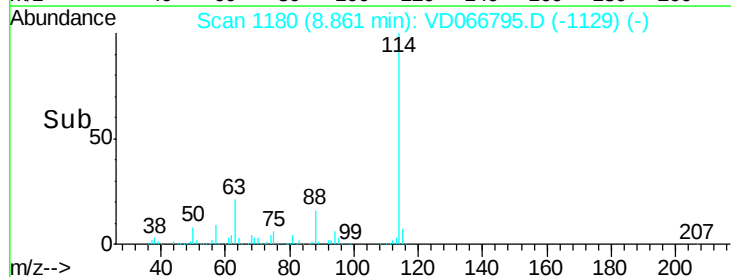
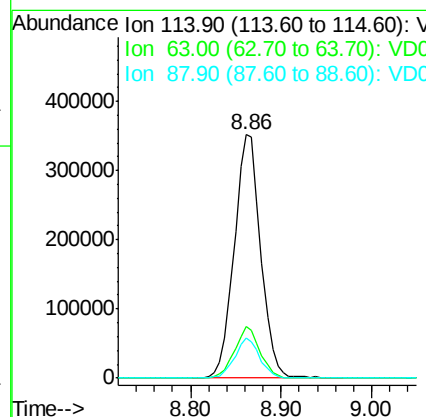
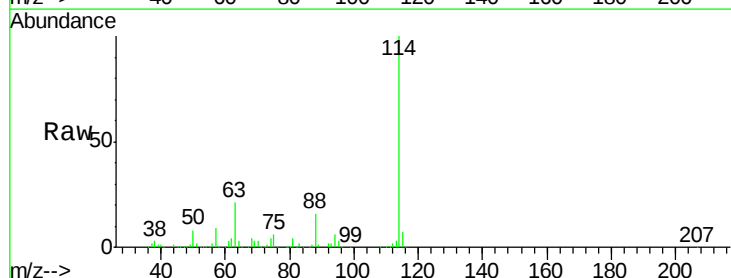
Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B29-092120-0-1

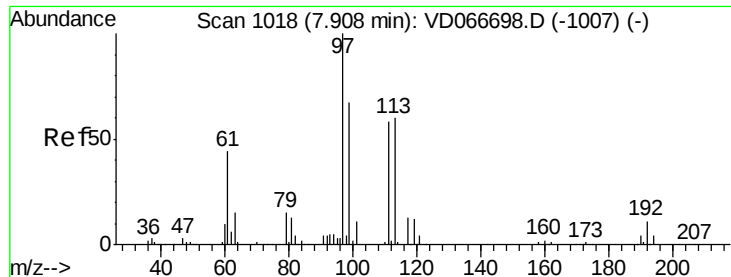
Tot Ion: 65 Resp: 235089
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066795.D
 Acq: 21 Sep 2020 20:54

Tgt Ion: 114 Resp: 714690
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 37.6
 88 16.3 0.0 32.2

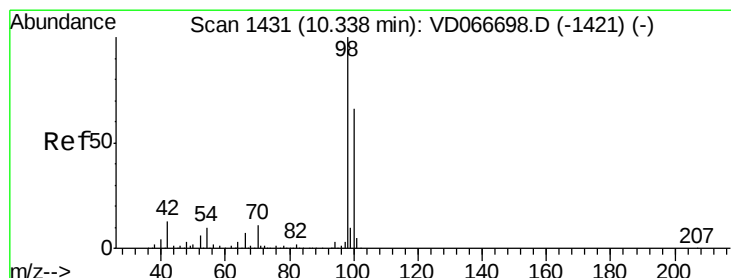
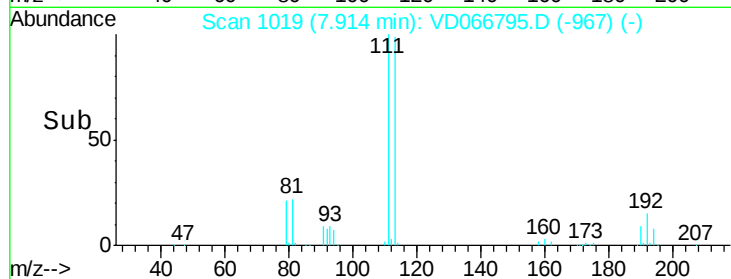
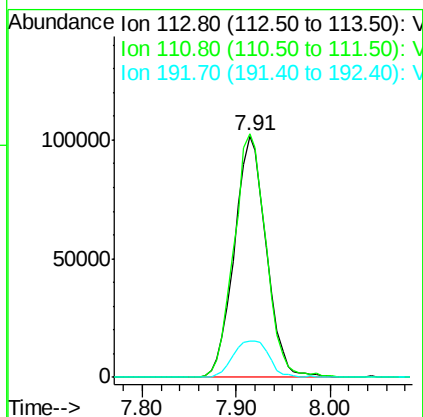
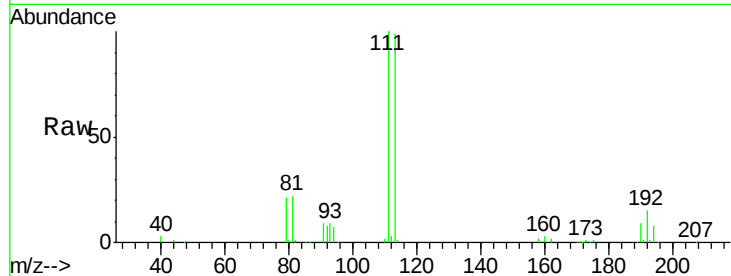




#35
Dibromofluoromethane
Concen: 54.724 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VD066795.D
Acq: 21 Sep 2020 20:54

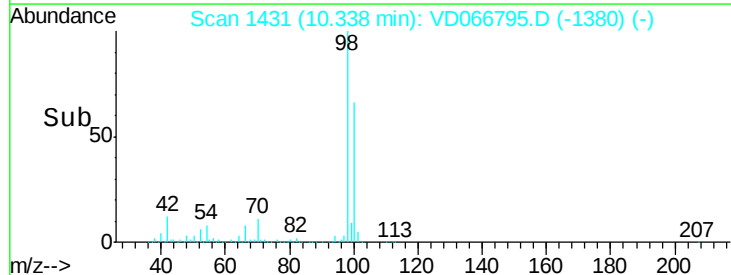
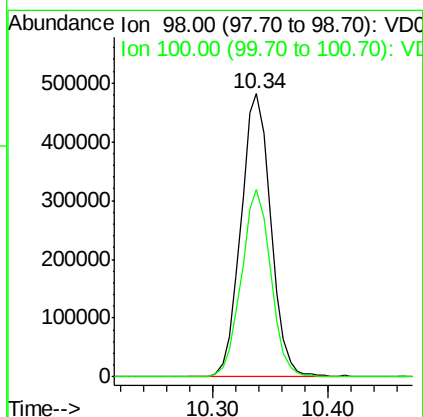
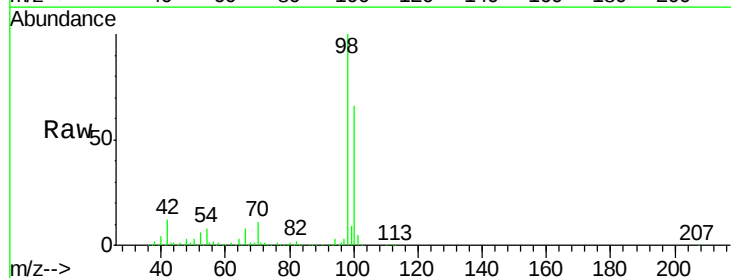
Instrument :
MSVOA_D
ClientSampleId :
PAV-B29-092120-0-1

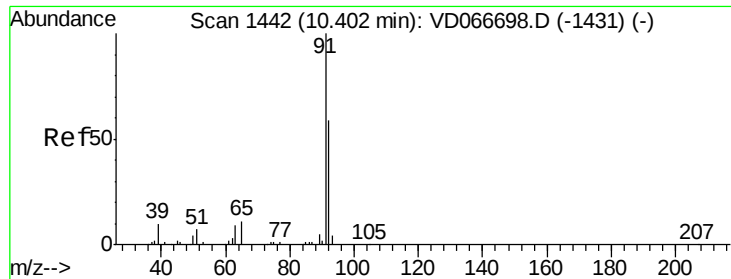
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.2	124.8
192	17.1	14.8	22.2



#50
Toluene-d8
Concen: 55.603 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066795.D
Acq: 21 Sep 2020 20:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.7	79.1





#52

Toluene

Concen: 1.627 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066795.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_D

ClientSampleId :

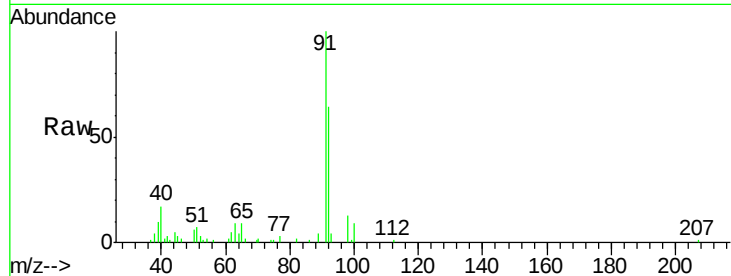
PAV-B29-092120-0-1

Tot Ion: 92 Resp: 20721

Ion Ratio Lower Upper

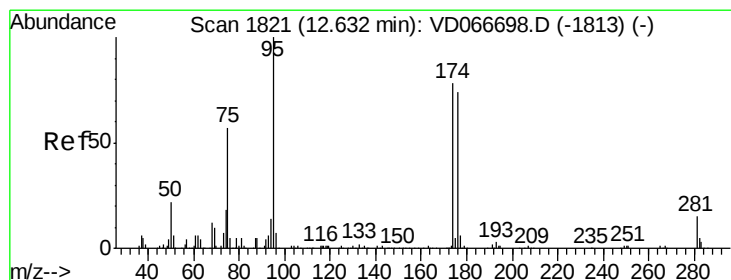
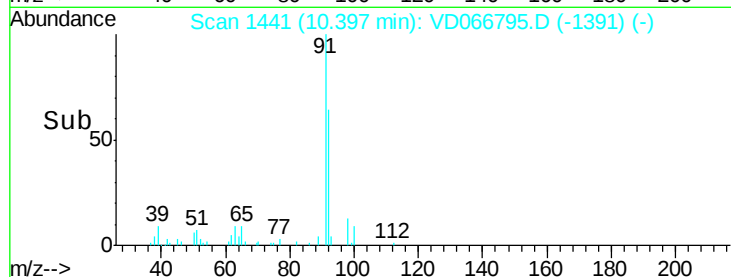
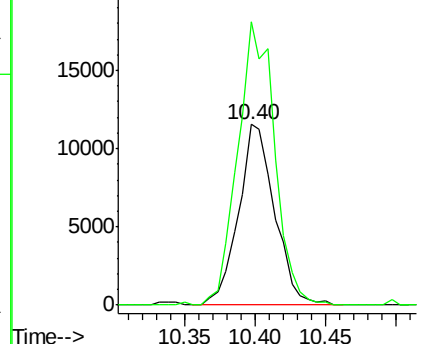
92 100

91 159.8 135.8 203.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: 54.518 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066795.D

Acq: 21 Sep 2020 20:54

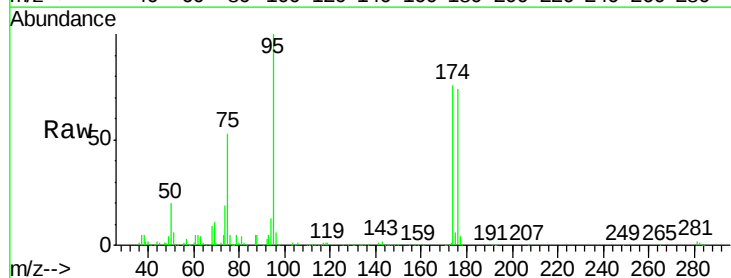
Tgt Ion: 95 Resp: 293781

Ion Ratio Lower Upper

95 100

174 77.0 0.0 156.6

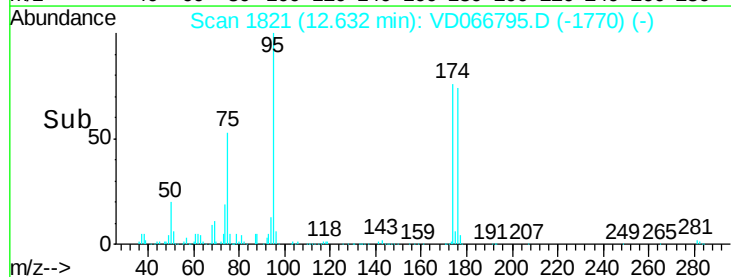
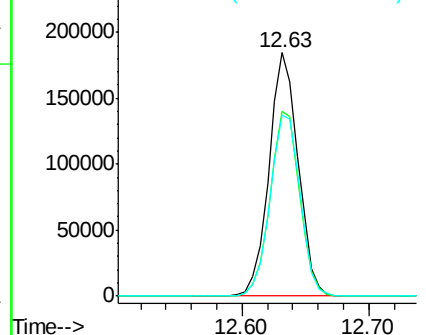
176 76.9 0.0 150.2

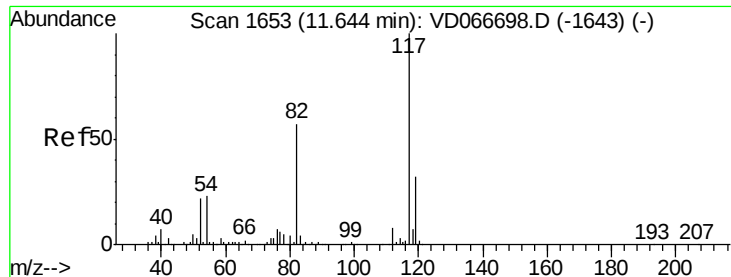


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

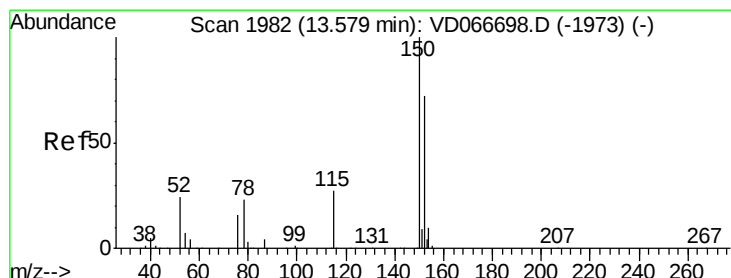
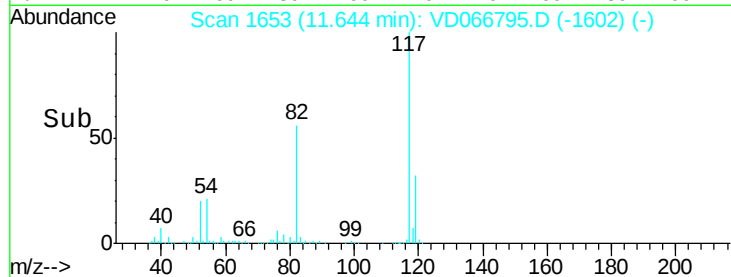
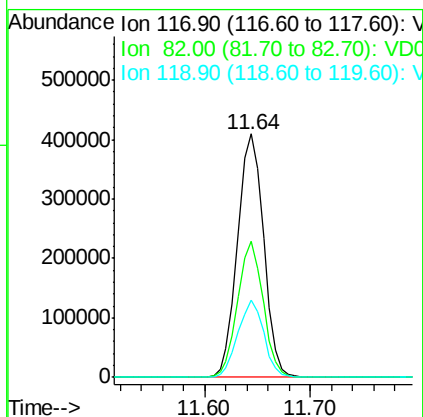
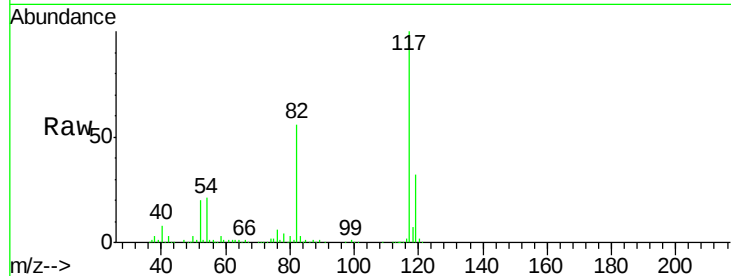




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066795.D
Acq: 21 Sep 2020 20:54

Instrument :
MSVOA_D
ClientSampleId :
PAV-B29-092120-0-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	45.4	68.0
119	31.6	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066795.D
Acq: 21 Sep 2020 20:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.7	30.5	91.5
150	158.7	0.0	344.6

