

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080620\
 Data File : VD066142.D
 Acq On : 06 Aug 2020 18:45
 Operator : VA/SY
 Sample : L3586-01
 Misc : 6.40G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 8420

Quant Time: Aug 07 02:35:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

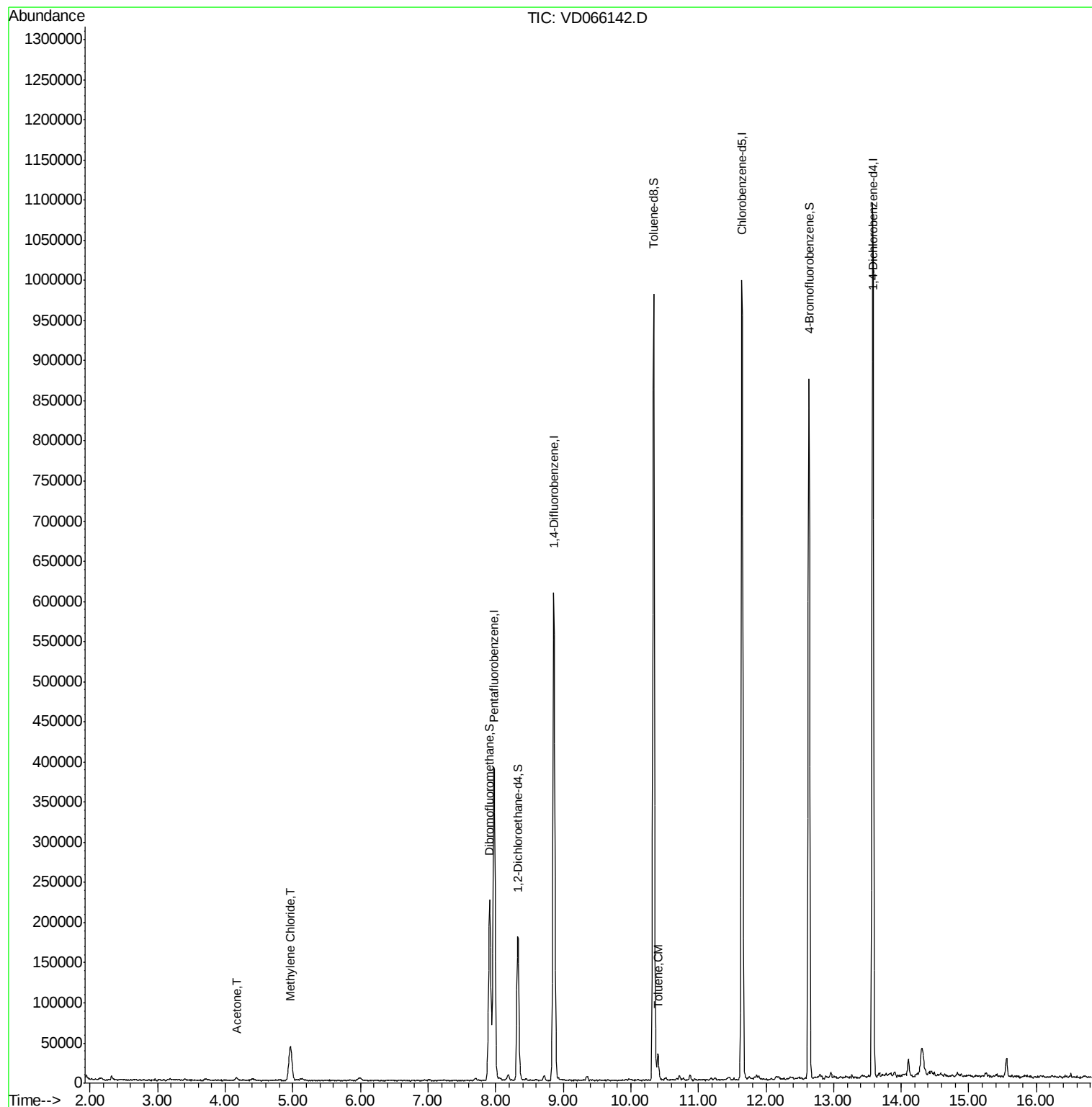
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	308574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	536048	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	593736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	305338	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	141589	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.86%	
35) Dibromofluoromethane	7.91	113	165192	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
50) Toluene-d8	10.34	98	663585	52.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.90%	
62) 4-Bromofluorobenzene	12.64	95	285162	63.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.26%	
Target Compounds						
16) Acetone	4.17	43	6586	12.608	ug/l	96
20) Methylene Chloride	4.97	84	33947	7.336	ug/l	99
52) Toluene	10.40	92	12877	1.400	ug/l	99

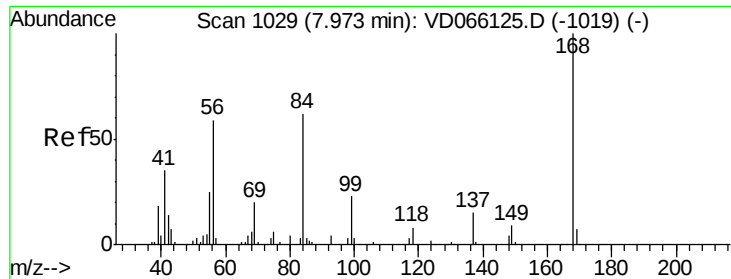
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066142.D

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Instrument :

MSVOA_D

ClientSampleId :

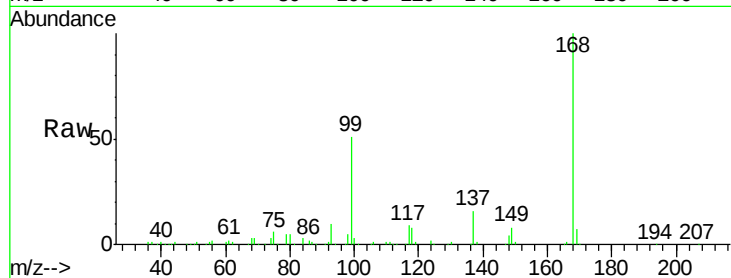
8420

Tot Ion:168 Resp: 308574

Ion Ratio Lower Upper

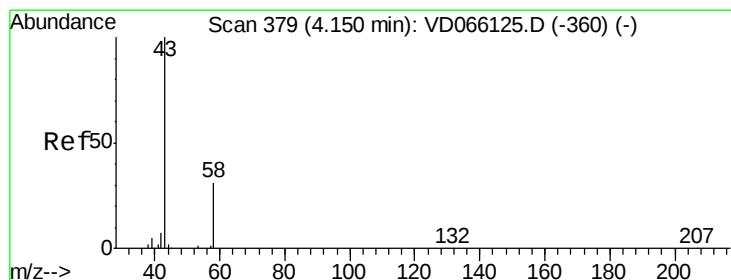
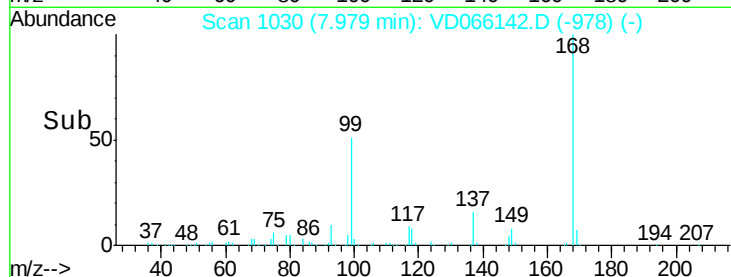
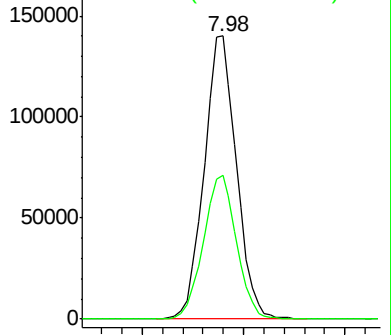
168 100

99 51.0 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 12.608 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.02 min

Lab File: VD066142.D

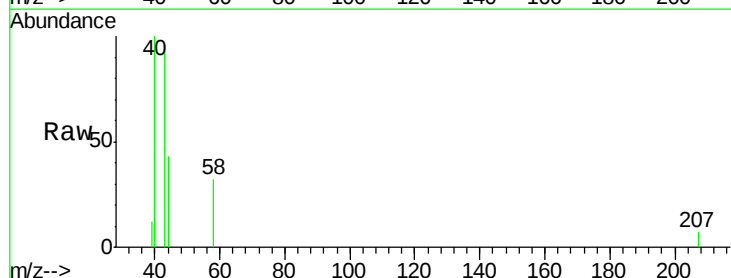
Acq: 06 Aug 2020 18:45

Tgt Ion: 43 Resp: 6586

Ion Ratio Lower Upper

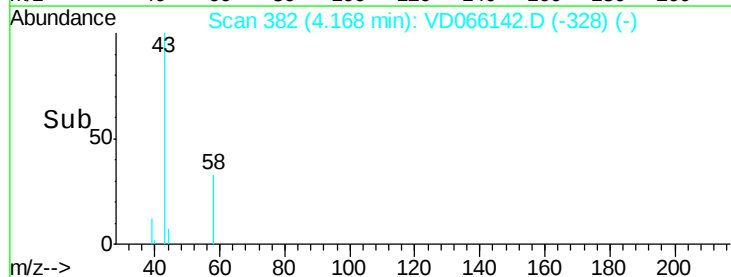
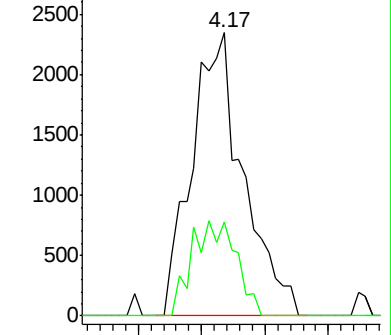
43 100

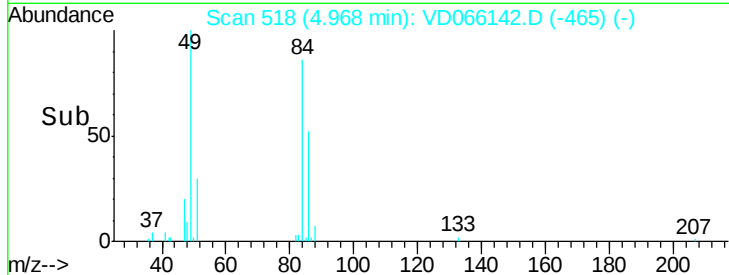
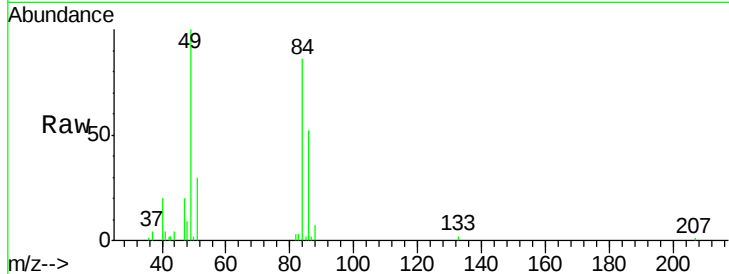
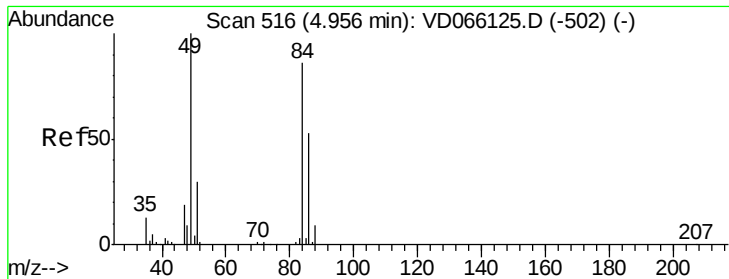
58 33.0 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

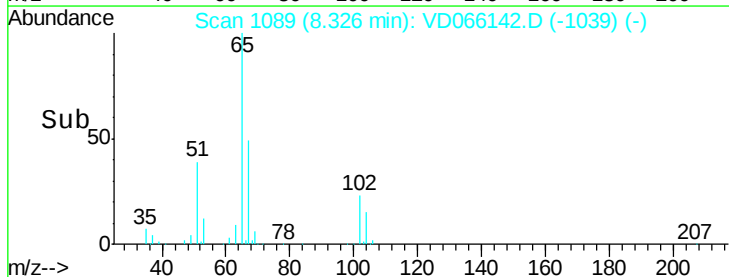
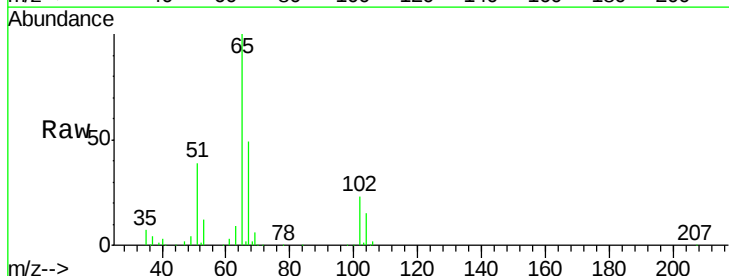
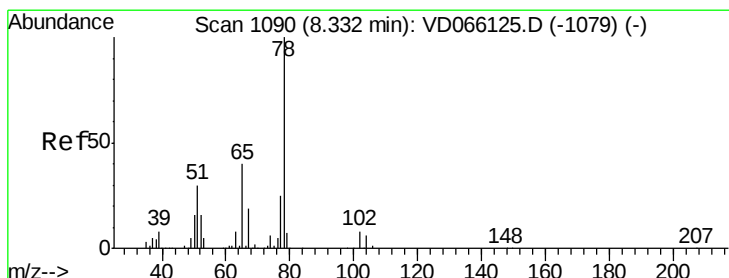
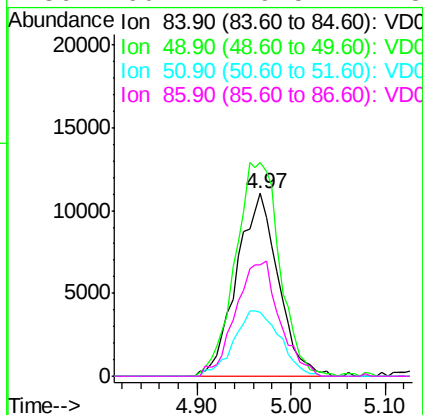




#20
Methvlene Chloride
Concen: 7.336 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066142.D
Acq: 06 Aug 2020 18:45

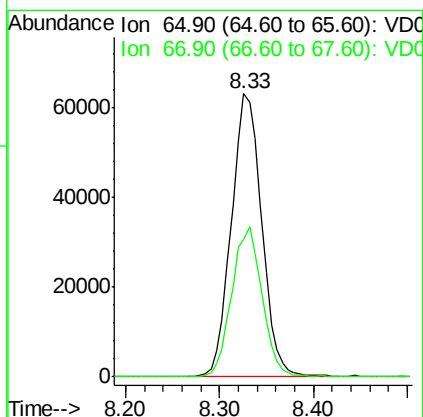
Instrument :
MSVOA_D
ClientSampleId :
8420

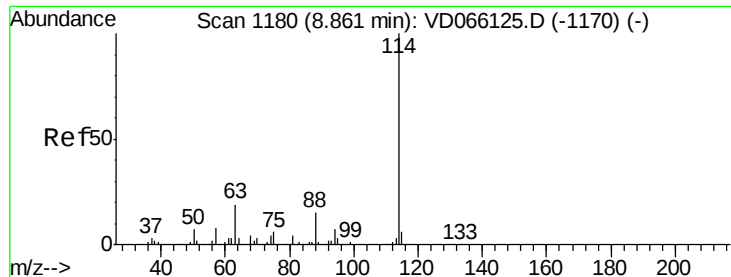
Tot Ion: 84 Resp: 33947
Ion Ratio Lower Upper
84 100
49 116.6 93.5 140.3
51 34.8 28.2 42.4
86 60.7 49.5 74.3



#33
1,2-Dichloroethane-d4
Concen: 51.432 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066142.D
Acq: 06 Aug 2020 18:45

Tgt Ion: 65 Resp: 141589
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.6

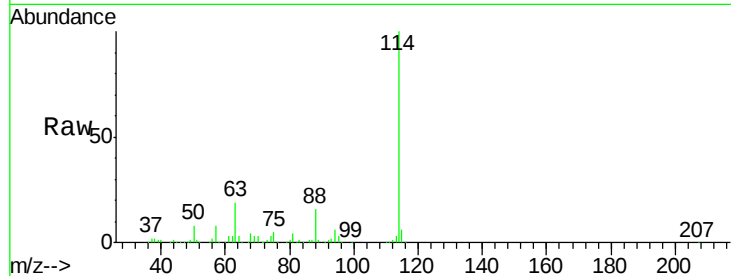




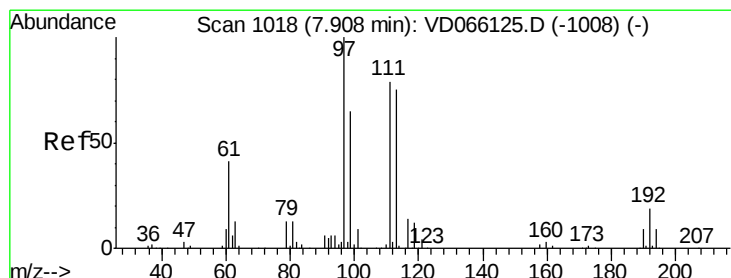
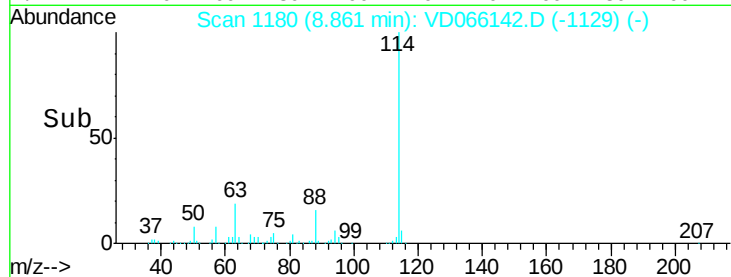
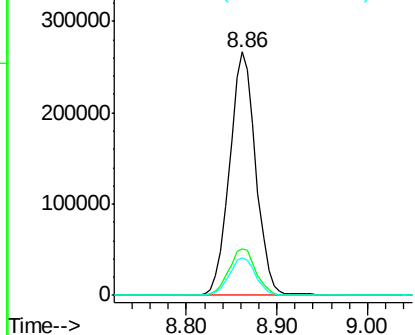
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066142.D
 Acq: 06 Aug 2020 18:45

Instrument :
 MSVOA_D
 ClientSampleId :
 8420

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	38.6
88	15.6	0.0	30.0

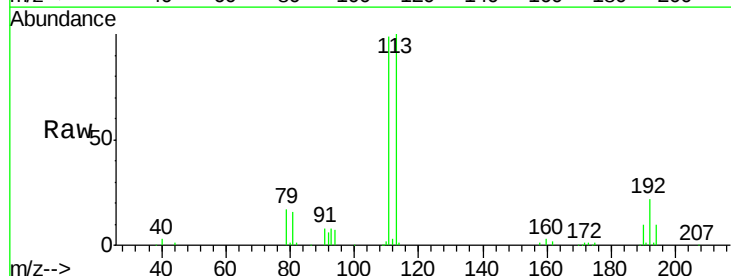


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

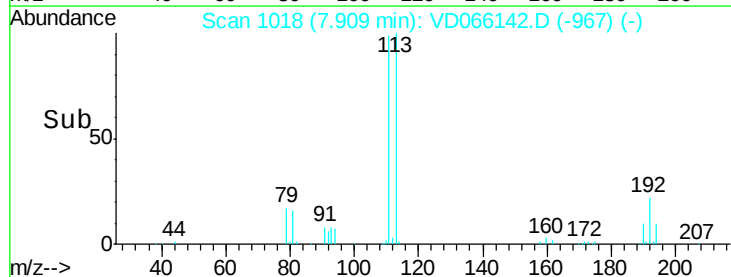
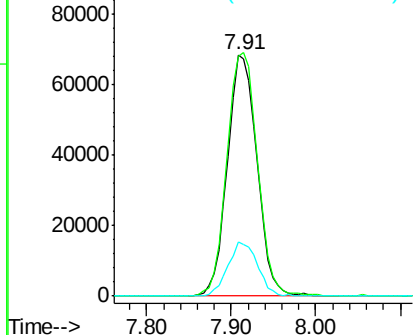


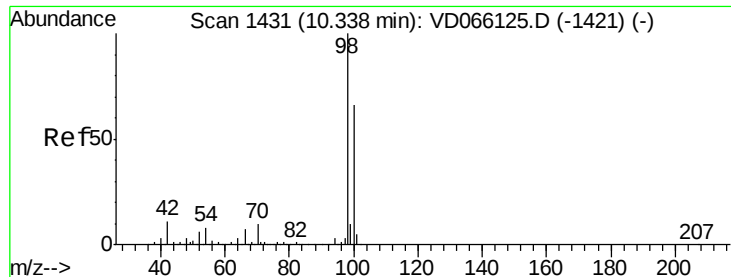
#35
 Dibromofluoromethane
 Concen: 48.646 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066142.D
 Acq: 06 Aug 2020 18:45

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.3	80.7	121.1
192	22.3	18.4	27.6



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

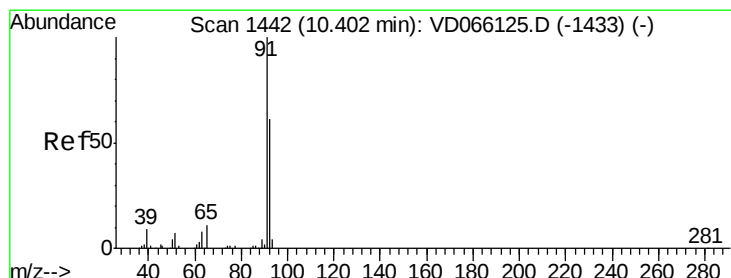
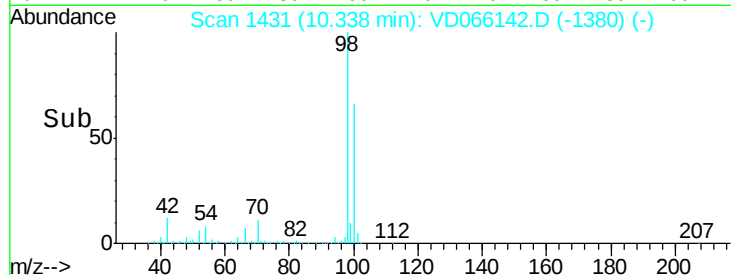
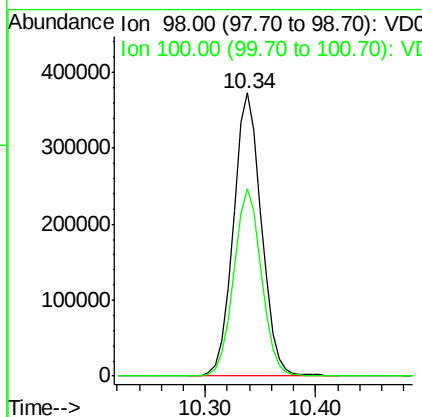
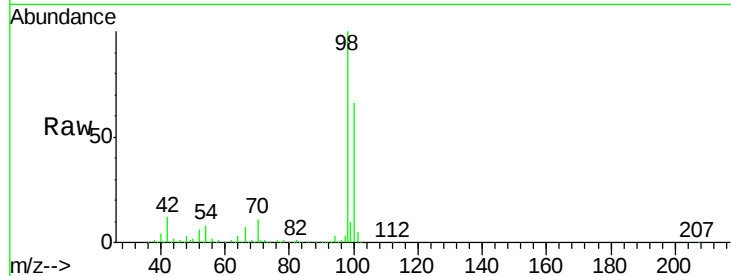




#50
Toluene-d8
Concen: 52.954 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066142.D
Acq: 06 Aug 2020 18:45

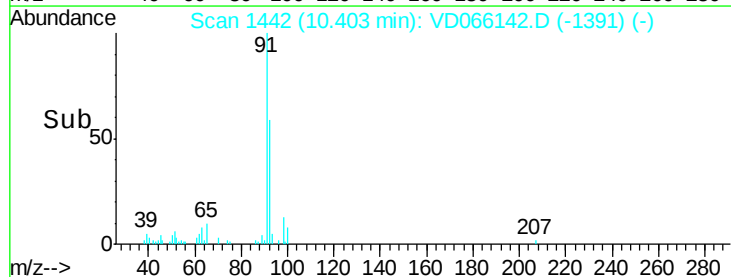
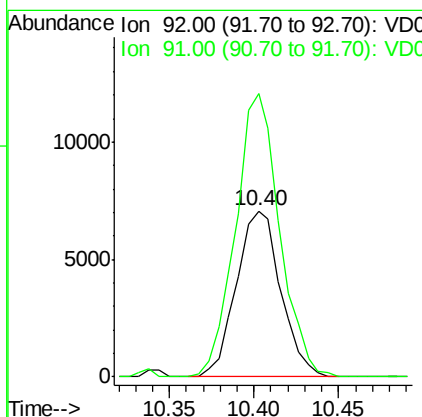
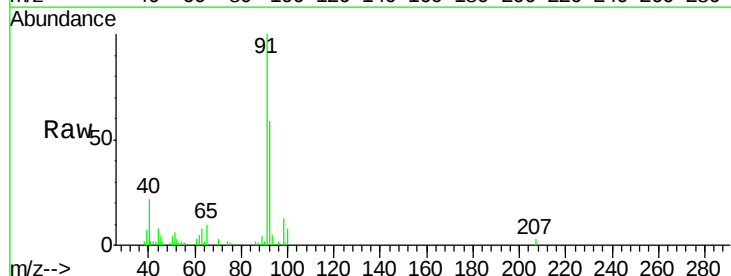
Instrument :
MSVOA_D
ClientSampleId :
8420

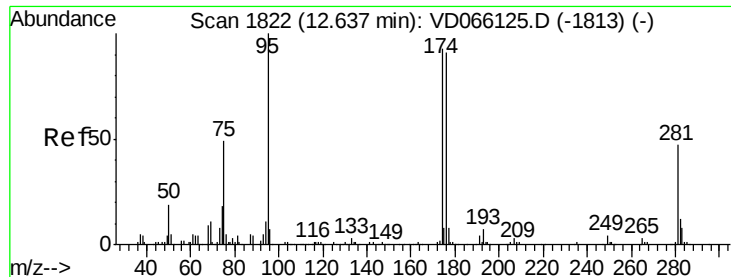
Tot Ion: 98 Resp: 663585
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8



#52
Toluene
Concen: 1.400 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VD066142.D
Acq: 06 Aug 2020 18:45

Tgt Ion: 92 Resp: 12877
Ion Ratio Lower Upper
92 100
91 169.9 135.2 202.8

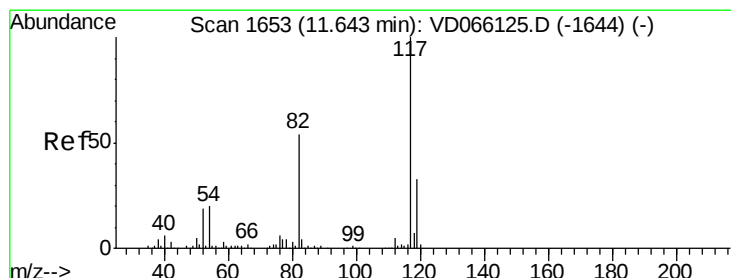
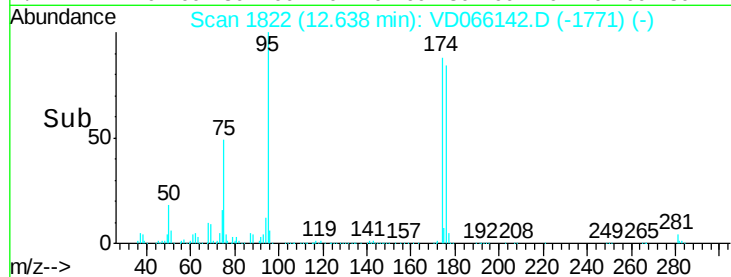
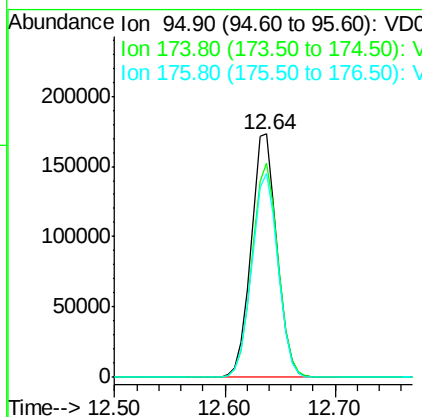
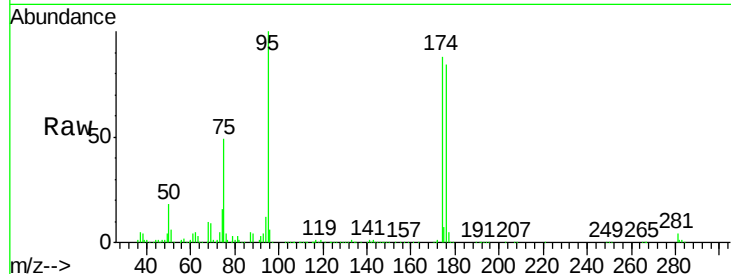




#62
4-Bromofluorobenzene
Concen: 63.130 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD066142.D
Acq: 06 Aug 2020 18:45

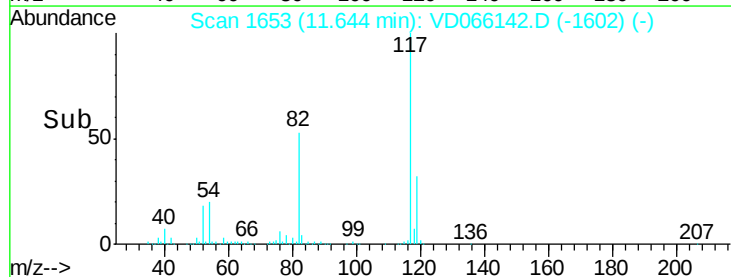
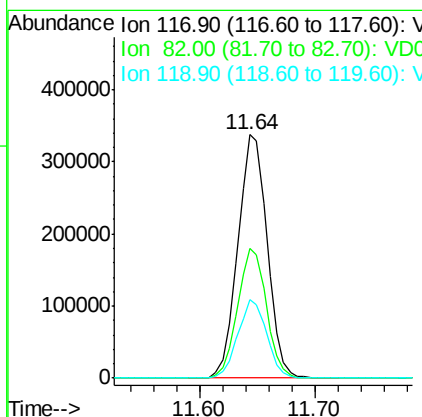
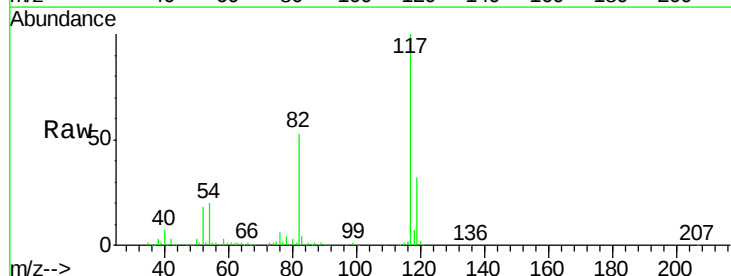
Instrument :
MSVOA_D
ClientSampleId :
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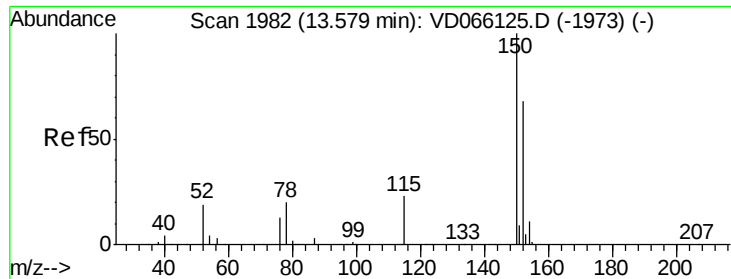
Tot Ion: 95 Resp: 285162
Ion Ratio Lower Upper
95 100
174 88.7 0.0 180.8
176 84.5 0.0 181.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066142.D
Acq: 06 Aug 2020 18:45

Tgt Ion: 117 Resp: 593736
Ion Ratio Lower Upper
117 100
82 53.4 43.0 64.4
119 32.2 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066142.D

Acq: 06 Aug 2020 18:45

Instrument :

MSVOA_D

ClientSampleId :

8420

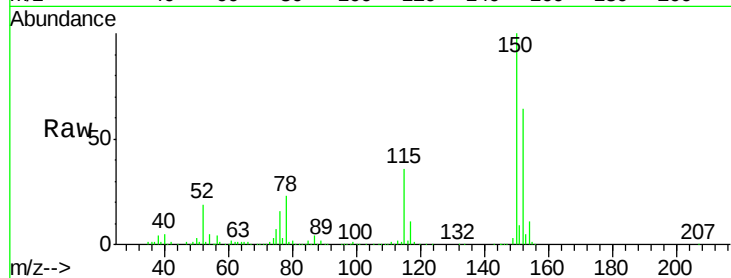
Tot Ion:152 Resp: 305338

Ion Ratio Lower Upper

152 100

115 56.5 28.0 83.9

150 156.3 0.0 346.4



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

