

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062920\
 Data File : VD065896.D
 Acq On : 29 Jun 2020 19:38
 Operator : VA/SY
 Sample : L3153-22
 Misc : 6.04G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP2-E

Quant Time: Jun 30 05:18:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 19:16:07 2020
 Response via : Initial Calibration

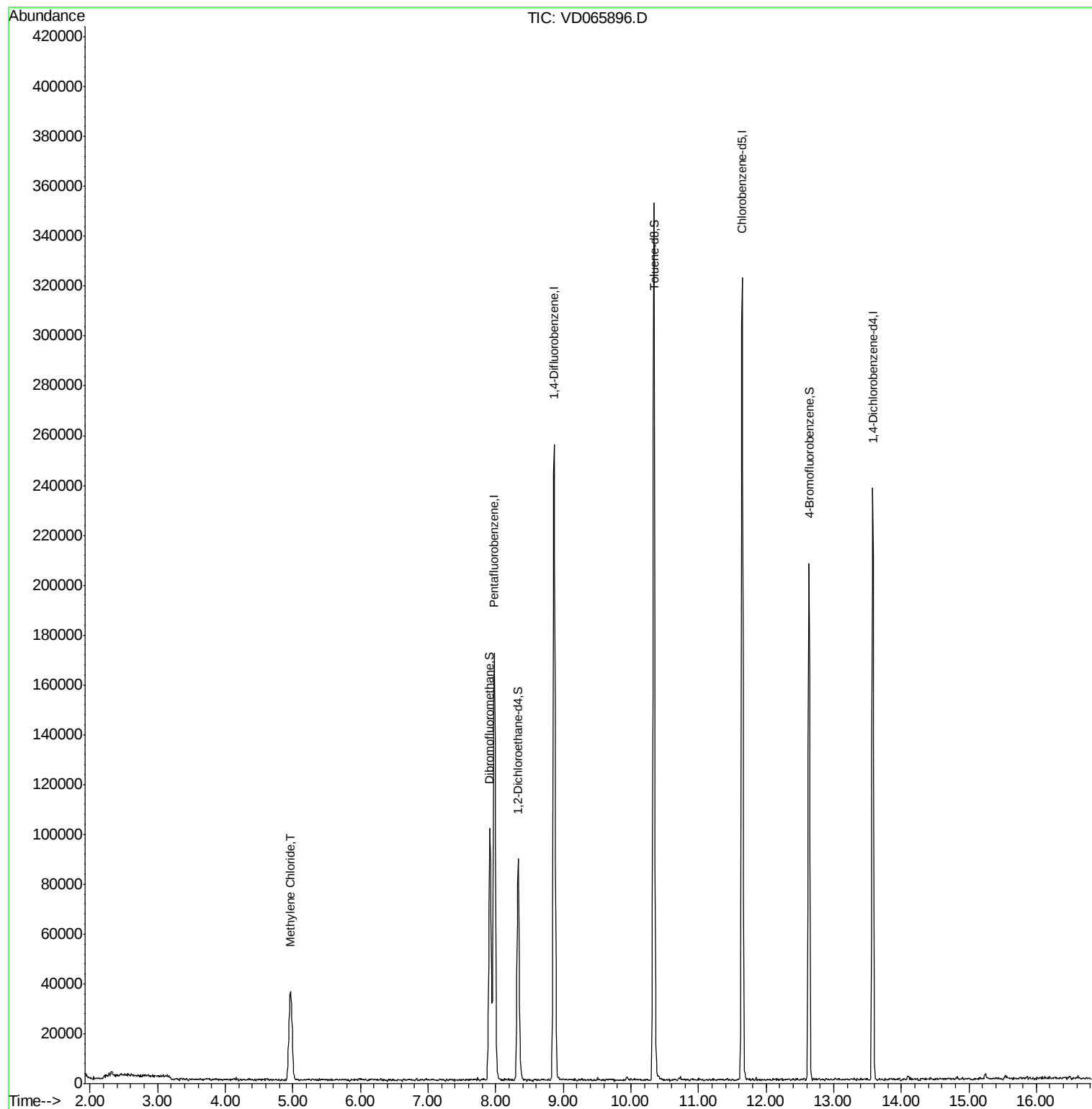
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	123123	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	214559	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	176794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	58907	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	73099	57.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.30%	
35) Dibromofluoromethane	7.91	113	72892	54.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.92%	
50) Toluene-d8	10.34	98	236843	47.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.96%	
62) 4-Bromofluorobenzene	12.64	95	64417	39.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.84%	
Target Compounds						
20) Methylene Chloride	4.97	84	28845	18.668	ug/l #	Qvalue 91

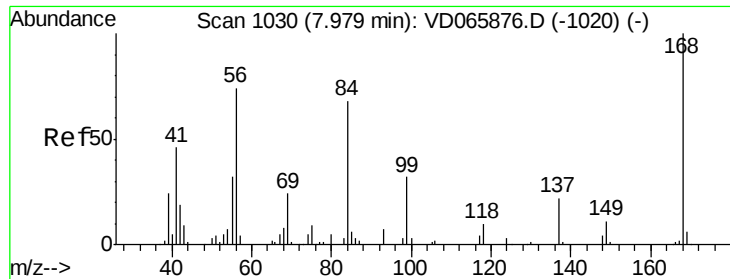
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065896.D

Acq: 29 Jun 2020 19:38

Instrument :

MSVOA_D

ClientSampleId :

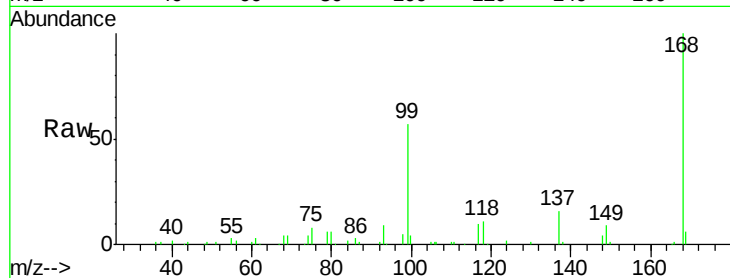
SP2-E

Tot Ion:168 Resp: 123123

Ion Ratio Lower Upper

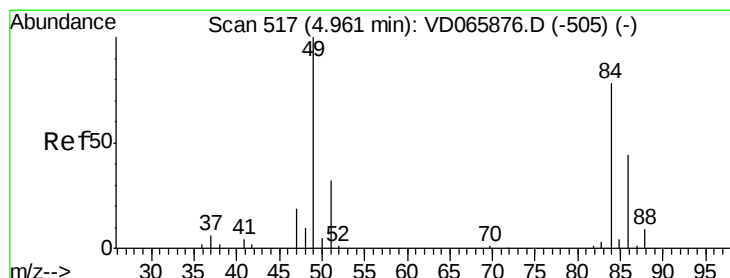
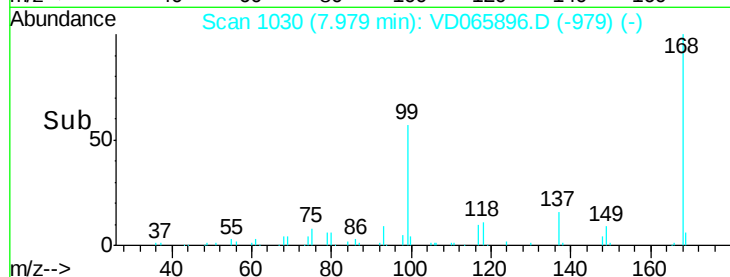
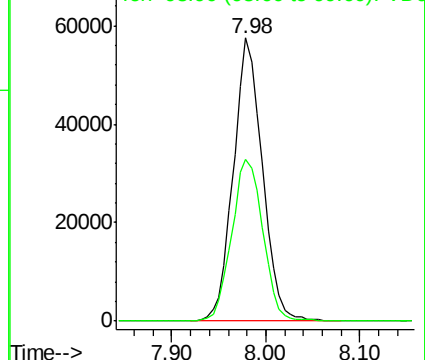
168 100

99 57.0 51.3 76.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#20

Methylene Chloride

Concen: 18.668 ug/l

RT: 4.97 min Scan# 519

Delta R.T. 0.01 min

Lab File: VD065896.D

Acq: 29 Jun 2020 19:38

Tgt Ion: 84 Resp: 28845

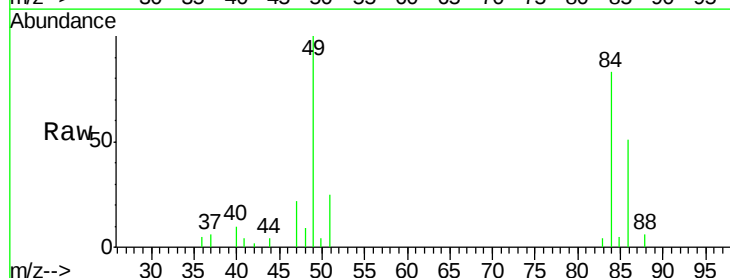
Ion Ratio Lower Upper

84 100

49 120.7 103.0 154.6

51 29.9 32.7 49.1#

86 61.3 44.9 67.3

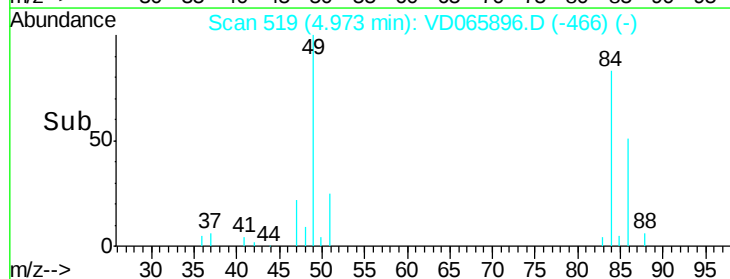
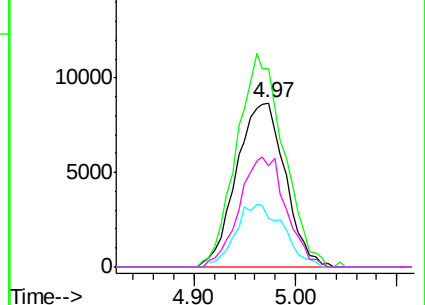


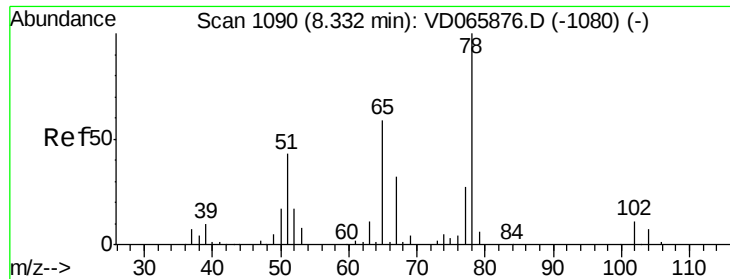
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

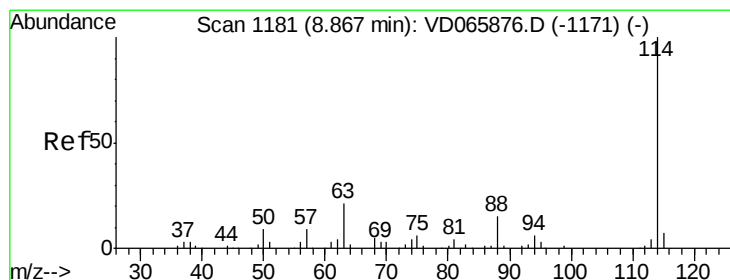
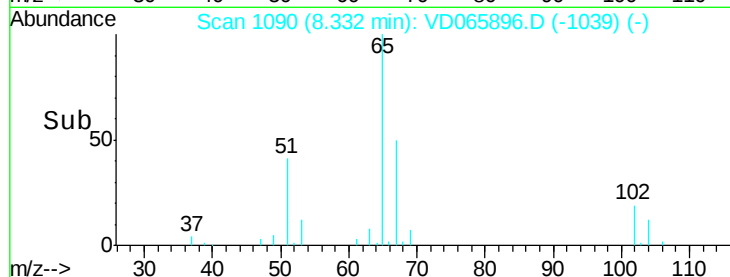
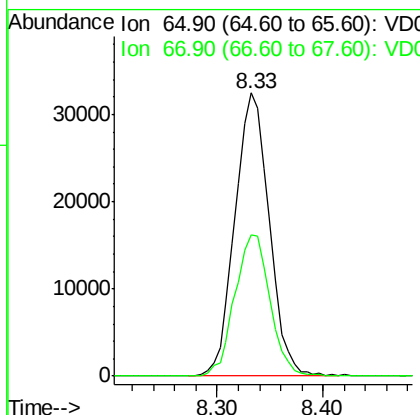
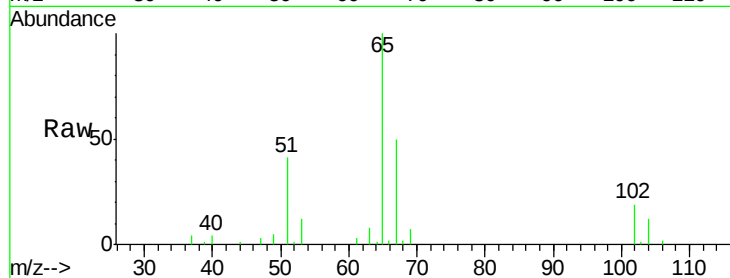




#33
 1,2-Dichloroethane-d4
 Concen: 57.147 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD065896.D
 Acq: 29 Jun 2020 19:38

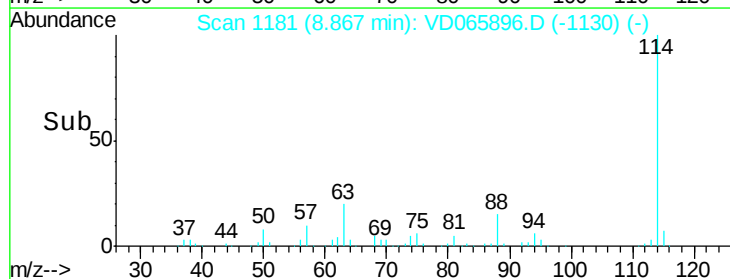
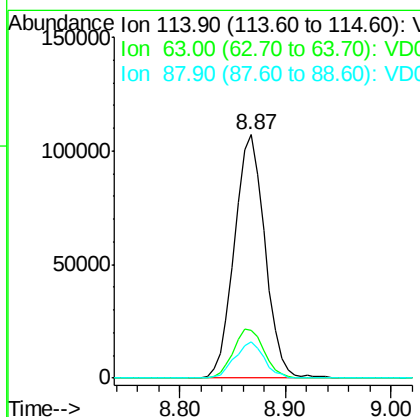
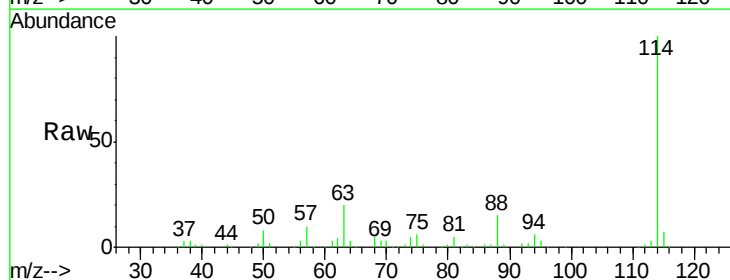
Instrument :
 MSVOA_D
 ClientSampleId :
 SP2-E

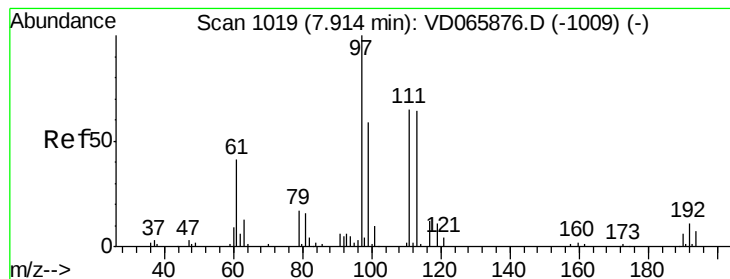
Tot Ion: 65 Resp: 73099
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065896.D
 Acq: 29 Jun 2020 19:38

Tgt Ion: 114 Resp: 214559
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 42.6
 88 15.0 0.0 29.0





#35

Dibromofluoromethane

Concen: 54.963 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD065896.D

Acq: 29 Jun 2020 19:38

Instrument :

MSVOA_D

ClientSampleId :

SP2-E

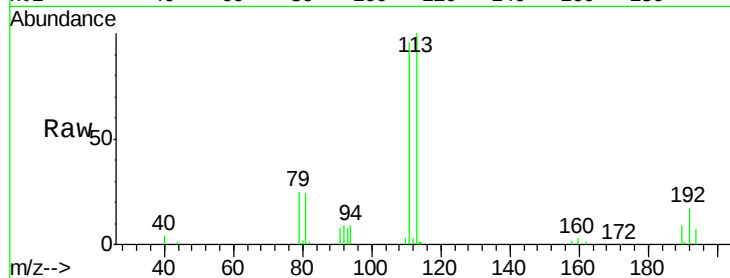
Tot Ion:113 Resp: 72892

Ion Ratio Lower Upper

113 100

111 100.7 81.0 121.6

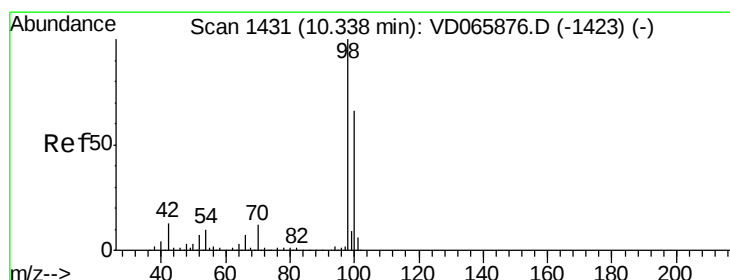
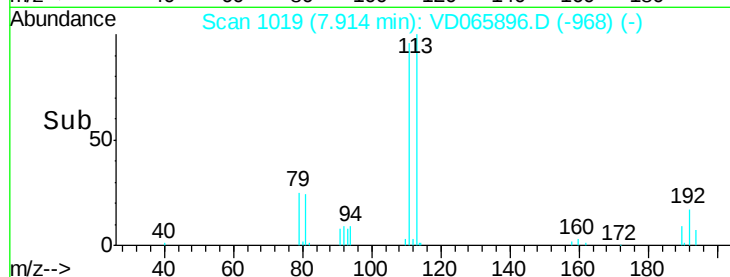
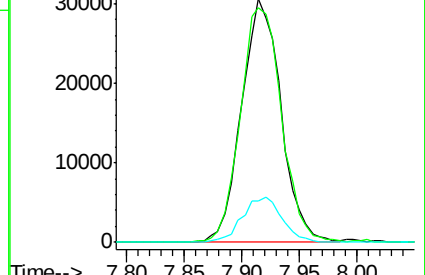
192 18.6 15.2 22.8



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: 47.476 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD065896.D

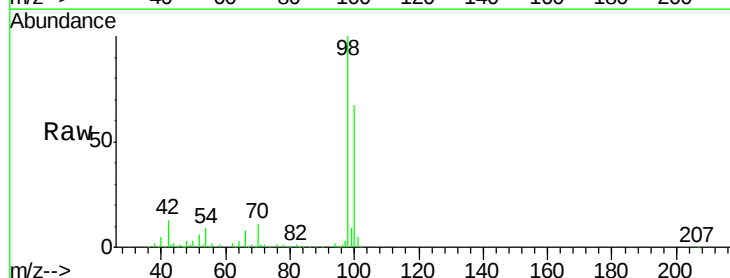
Acq: 29 Jun 2020 19:38

Tgt Ion: 98 Resp: 236843

Ion Ratio Lower Upper

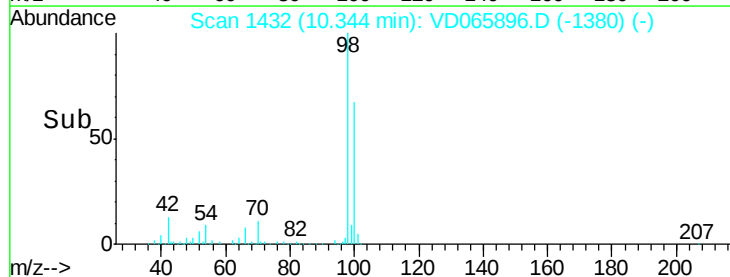
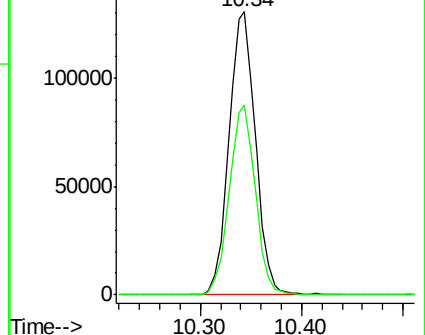
98 100

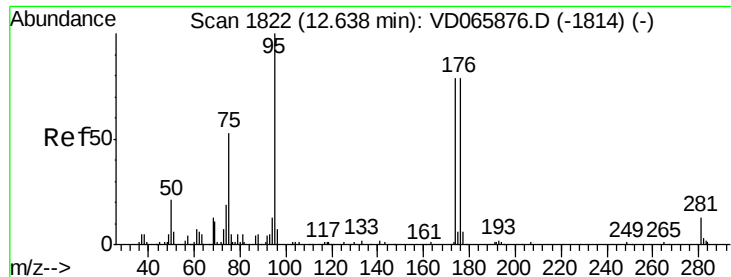
100 66.2 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

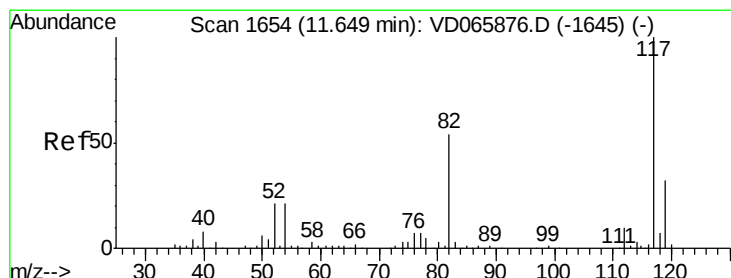
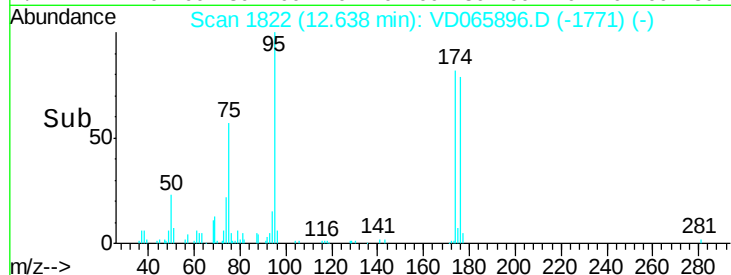
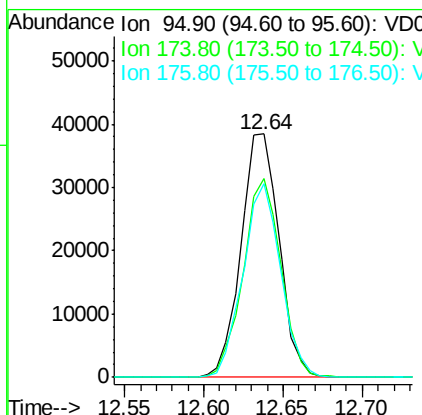
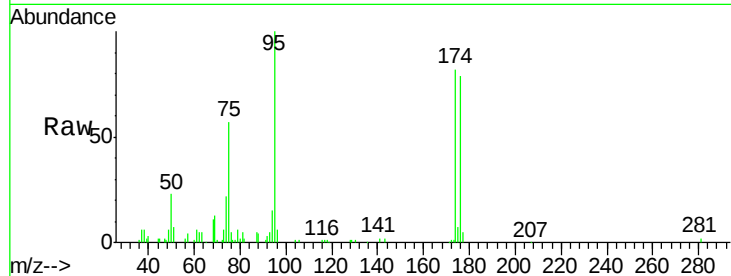




#62
4-Bromofluorobenzene
Concen: 39.415 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065896.D
Acq: 29 Jun 2020 19:38

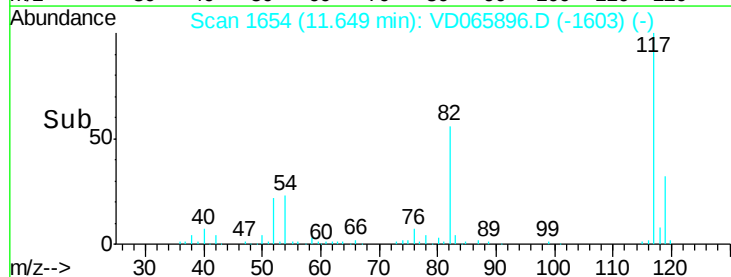
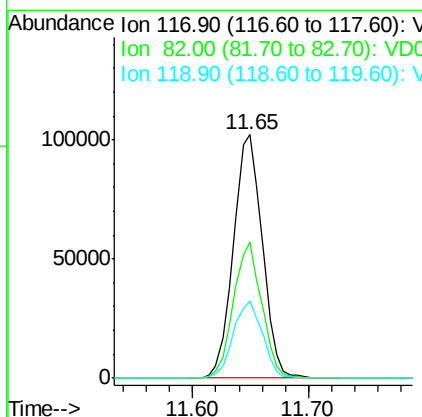
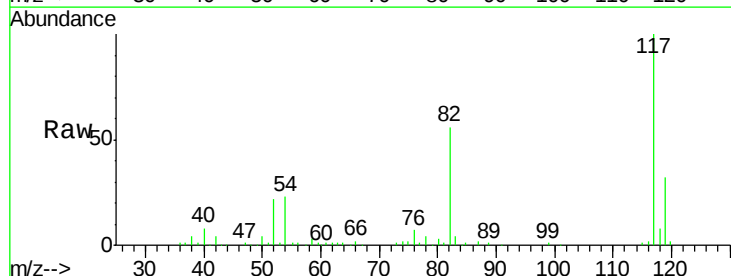
Instrument :
MSVOA_D
ClientSampleId :
SP2-E

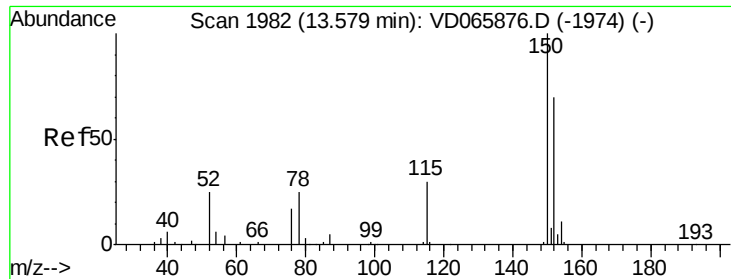
Tot Ion: 95 Resp: 64417
Ion Ratio Lower Upper
95 100
174 81.1 0.0 158.4
176 78.5 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065896.D
Acq: 29 Jun 2020 19:38

Tgt Ion: 117 Resp: 176794
Ion Ratio Lower Upper
117 100
82 55.7 43.6 65.4
119 31.7 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD065896.D

Acq: 29 Jun 2020 19:38

Instrument :

MSVOA_D

ClientSampleId :

SP2-E

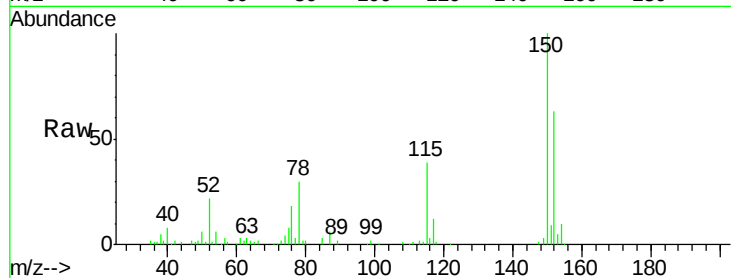
Tot Ion:152 Resp: 58907

Ion Ratio Lower Upper

152 100

115 58.4 29.7 89.1

150 161.4 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

