

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010720\
 Data File : VD064795.D
 Acq On : 07 Jan 2020 16:16
 Operator : VA/SY
 Sample : L1049-10
 Misc : 4.28G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

Quant Time: Jan 08 08:15:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

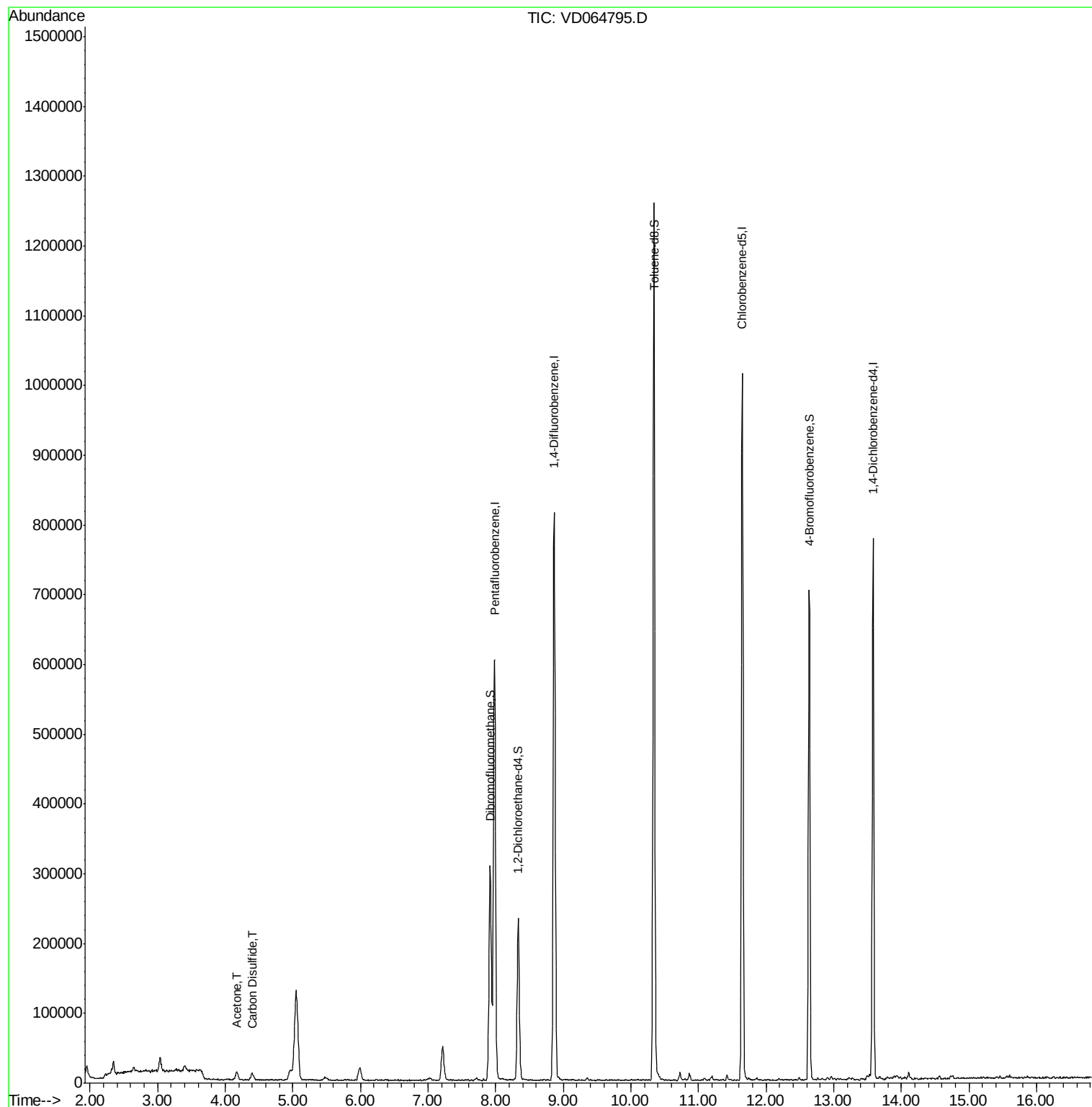
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	471736	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	713453	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	569705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	196710	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	183746	44.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.34%	
35) Dibromofluoromethane	7.92	113	212205	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
50) Toluene-d8	10.34	98	839853	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
62) 4-Bromofluorobenzene	12.64	95	207511	39.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.30%	
Target Compounds						
16) Acetone	4.17	43	19428	23.823	ug/l	95
17) Carbon Disulfide	4.40	76	20229	1.507	ug/l	97

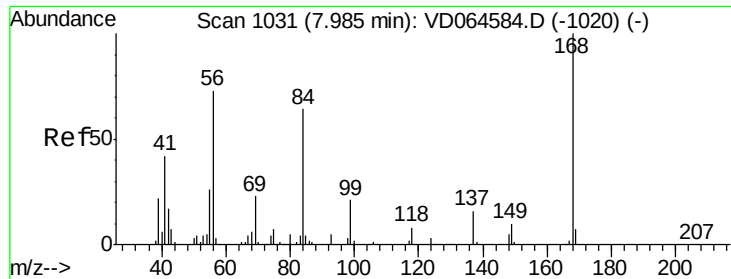
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064795.D

Acq: 07 Jan 2020 16:16

Instrument :

MSVOA_D

ClientSampleId :

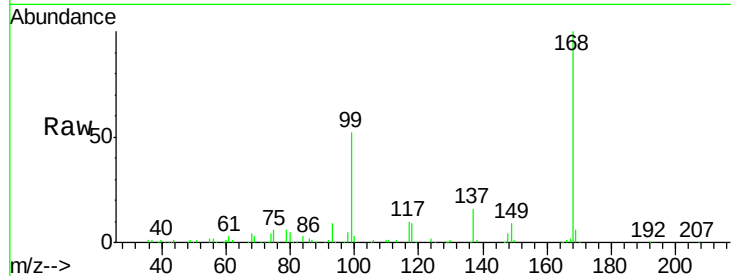
TP-4

Tgt Ion:168 Resp: 471736

Ion Ratio Lower Upper

168 100

99 51.5 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

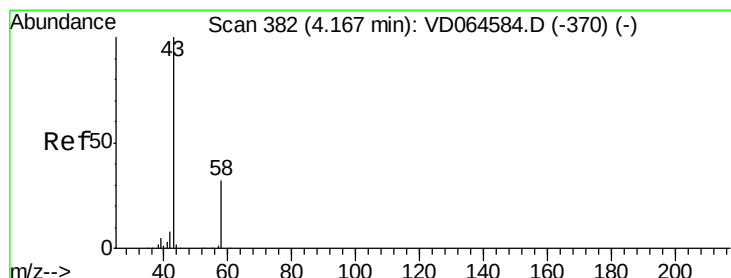
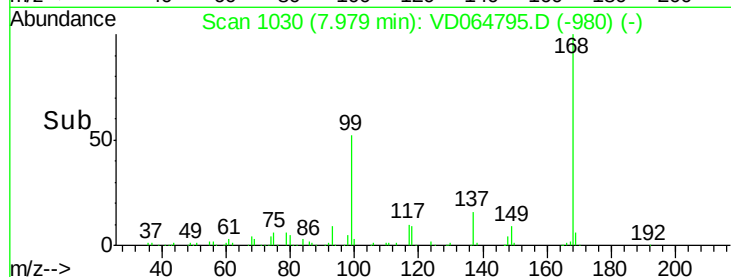
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 23.823 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064795.D

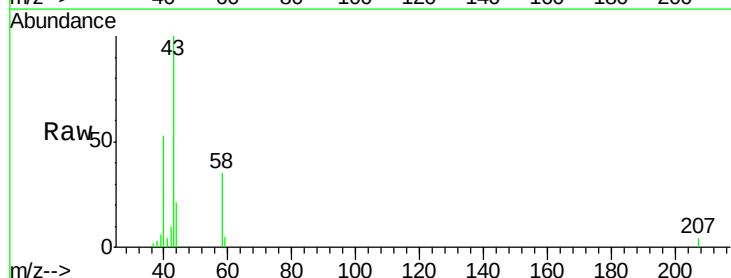
Acq: 07 Jan 2020 16:16

Tgt Ion: 43 Resp: 19428

Ion Ratio Lower Upper

43 100

58 34.9 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

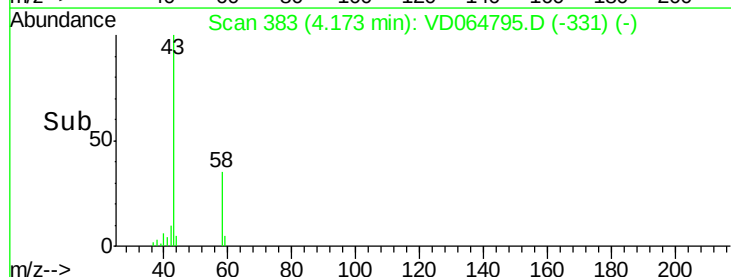
6000

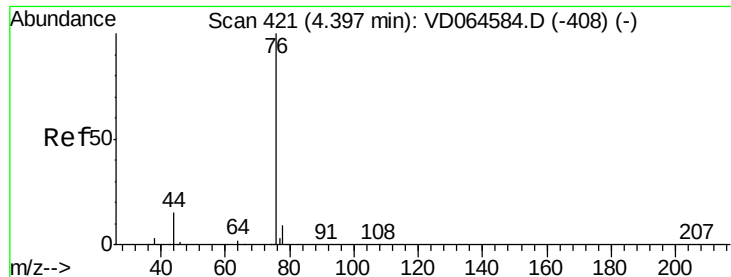
4000

2000

0

Time-->





#17

Carbon Disulfide

Concen: 1.507 ug/l

RT: 4.40 min Scan# 421

Delta R.T. 0.00 min

Lab File: VD064795.D

Acq: 07 Jan 2020 16:16

Instrument :

MSVOA_D

ClientSampled :

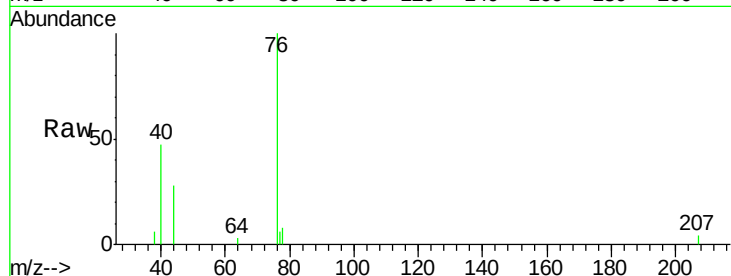
TP-4

Tgt Ion: 76 Resp: 20229

Ion Ratio Lower Upper

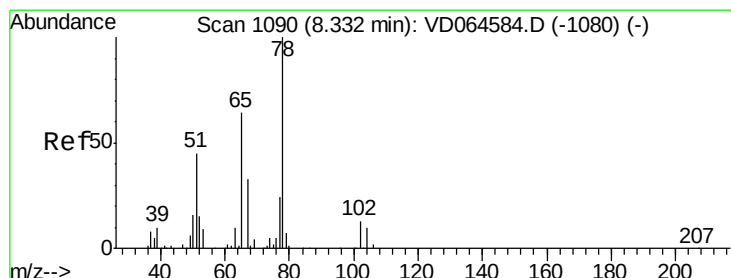
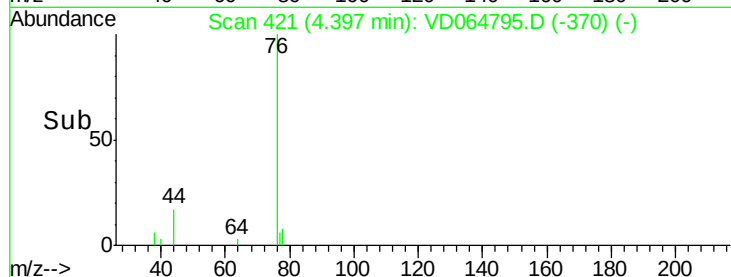
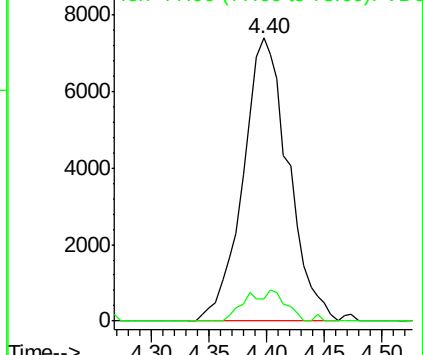
76 100

78 7.8 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 44.173 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD064795.D

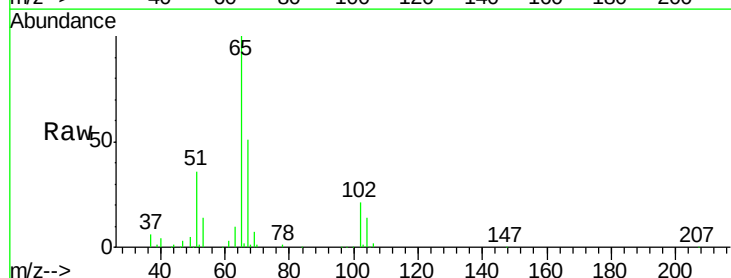
Acq: 07 Jan 2020 16:16

Tgt Ion: 65 Resp: 183746

Ion Ratio Lower Upper

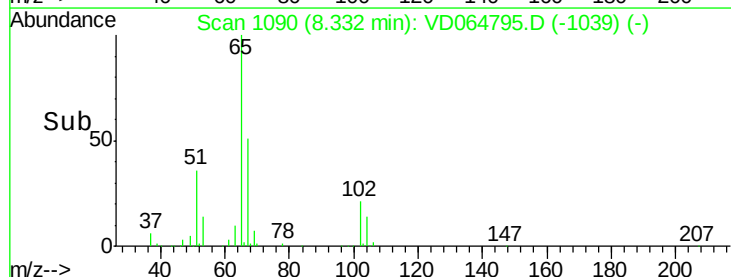
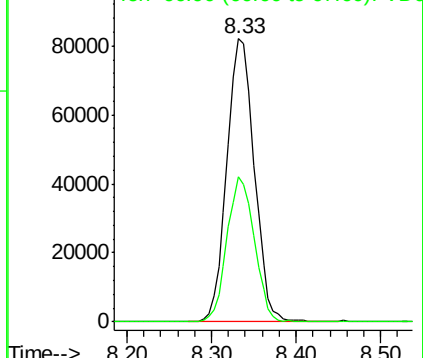
65 100

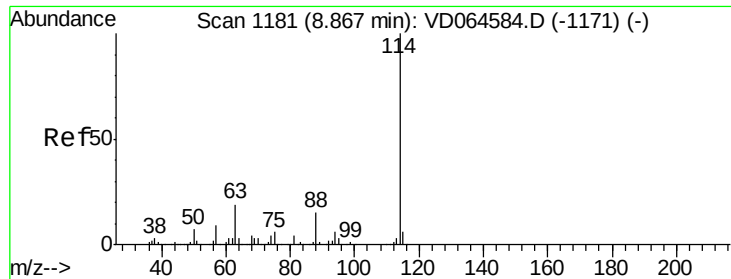
67 50.9 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

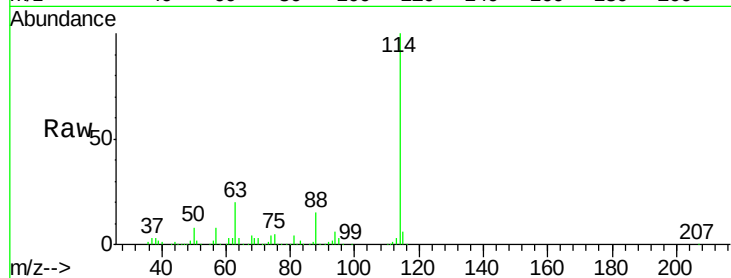




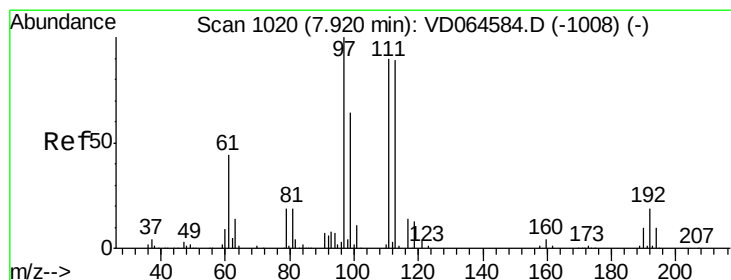
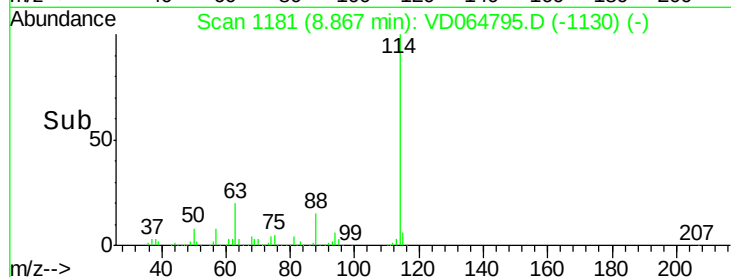
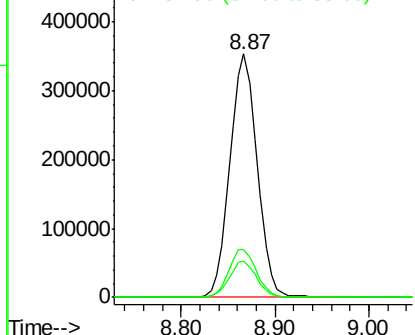
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064795.D
 Acq: 07 Jan 2020 16:16

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

Tgt Ion:114 Resp: 713453
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.0
 88 14.8 0.0 29.2

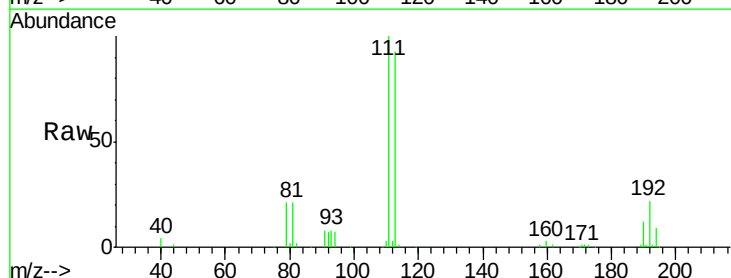


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

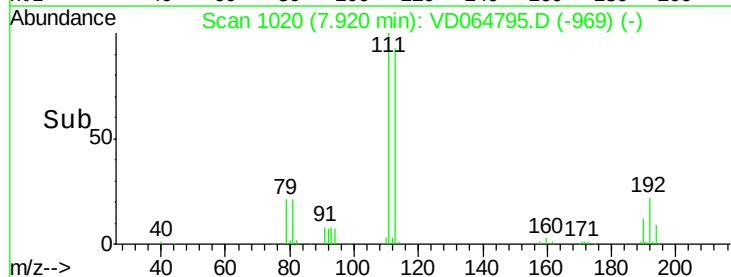
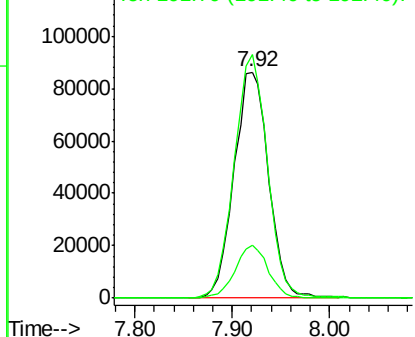


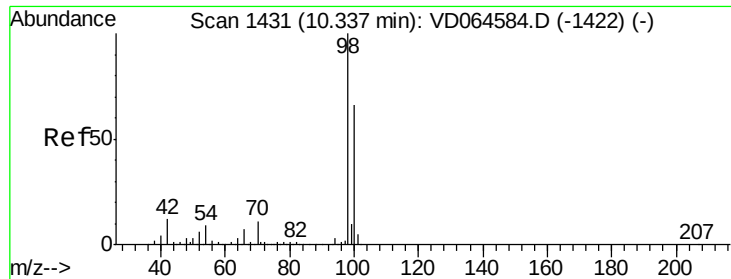
#35
 Dibromofluoromethane
 Concen: 48.480 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064795.D
 Acq: 07 Jan 2020 16:16

Tgt Ion:113 Resp: 212205
 Ion Ratio Lower Upper
 113 100
 111 103.5 80.6 121.0
 192 22.2 17.9 26.9



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

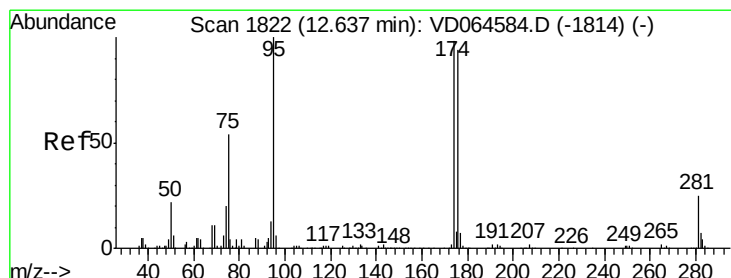
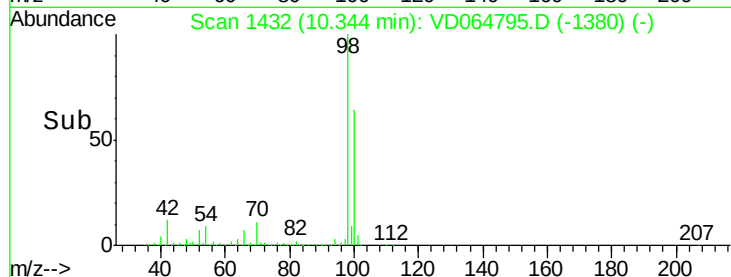
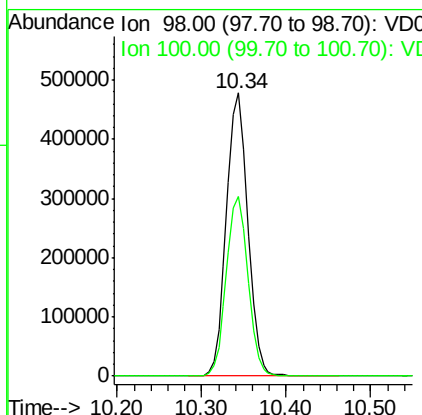
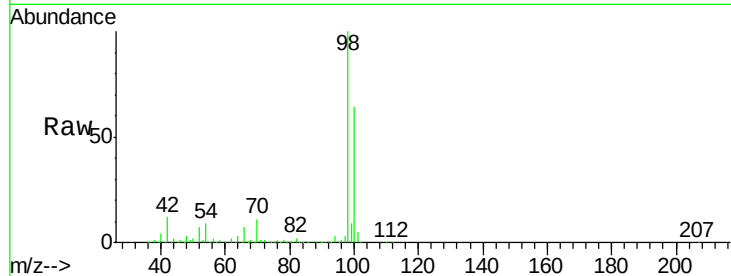




#50
Toluene-d8
Concen: 50.098 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064795.D
Acq: 07 Jan 2020 16:16

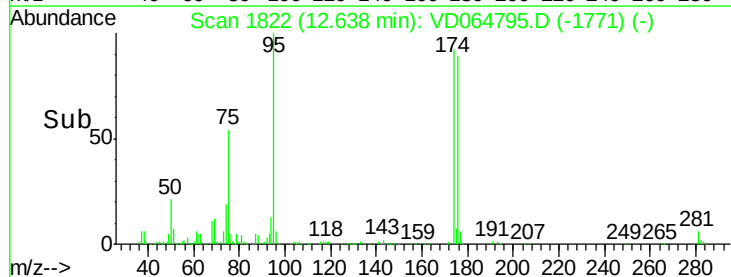
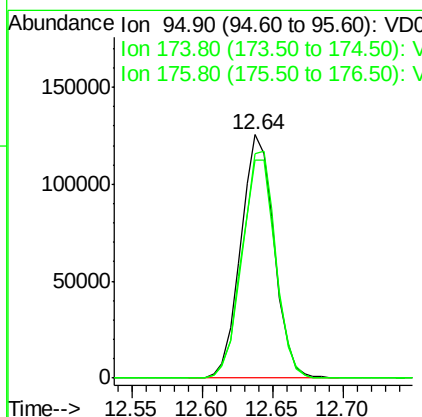
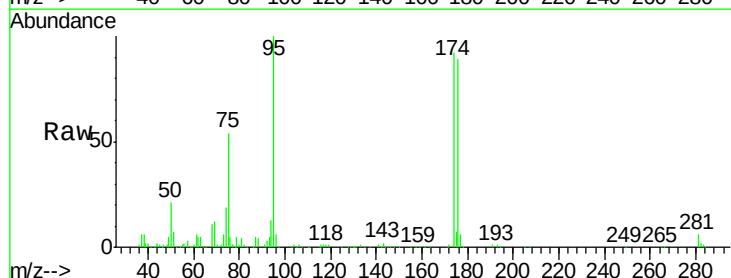
Instrument :
MSVOA_D
ClientSampleId :
TP-4

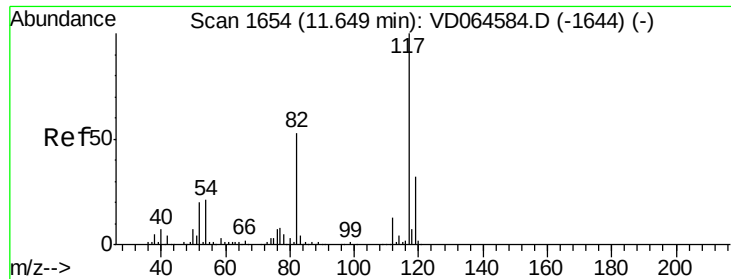
Tgt Ion: 98 Resp: 839853
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 39.146 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064795.D
Acq: 07 Jan 2020 16:16

Tgt Ion: 95 Resp: 207511
Ion Ratio Lower Upper
95 100
174 94.3 0.0 193.2
176 90.9 0.0 184.2

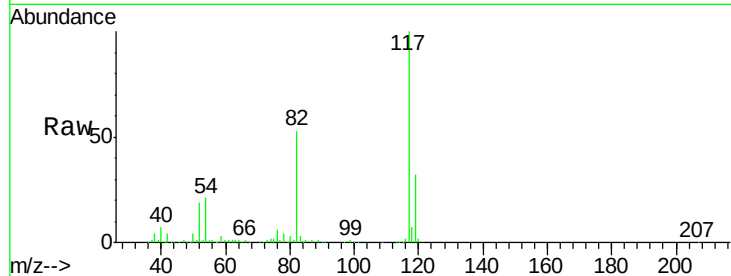




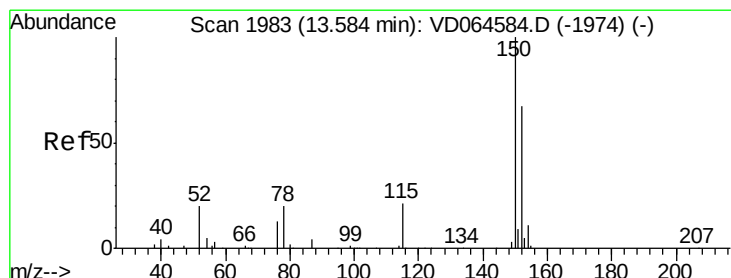
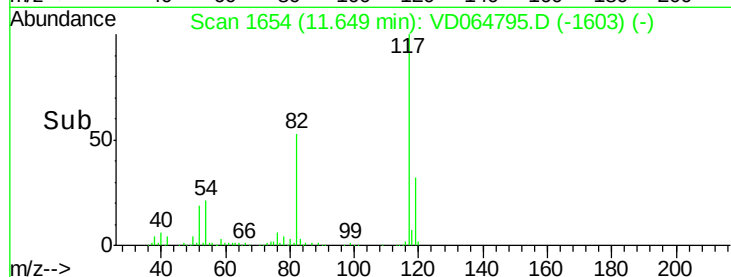
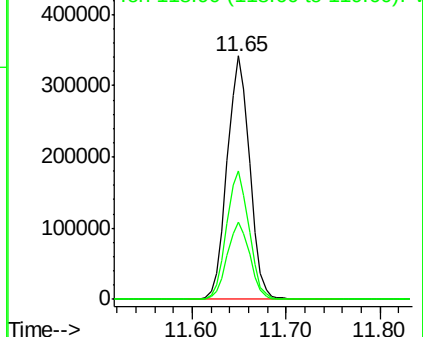
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064795.D
Acq: 07 Jan 2020 16:16

Instrument :
MSVOA_D
ClientSampleId :
TP-4

Tgt Ion:117 Resp: 569705
Ion Ratio Lower Upper
117 100
82 52.7 42.2 63.4
119 31.9 26.0 39.0

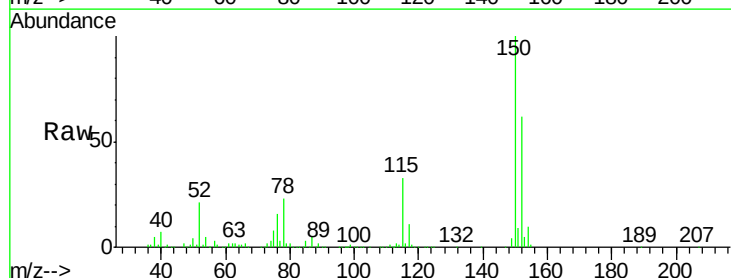


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064795.D
Acq: 07 Jan 2020 16:16

Tgt Ion:152 Resp: 196710
Ion Ratio Lower Upper
152 100
115 54.5 27.8 83.4
150 158.6 0.0 351.4



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

