

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010620\
 Data File : VD064776.D
 Acq On : 06 Jan 2020 16:42
 Operator : VA/SY
 Sample : L1010-01
 Misc : 6.92G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-010220

Quant Time: Jan 07 01:04:10 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

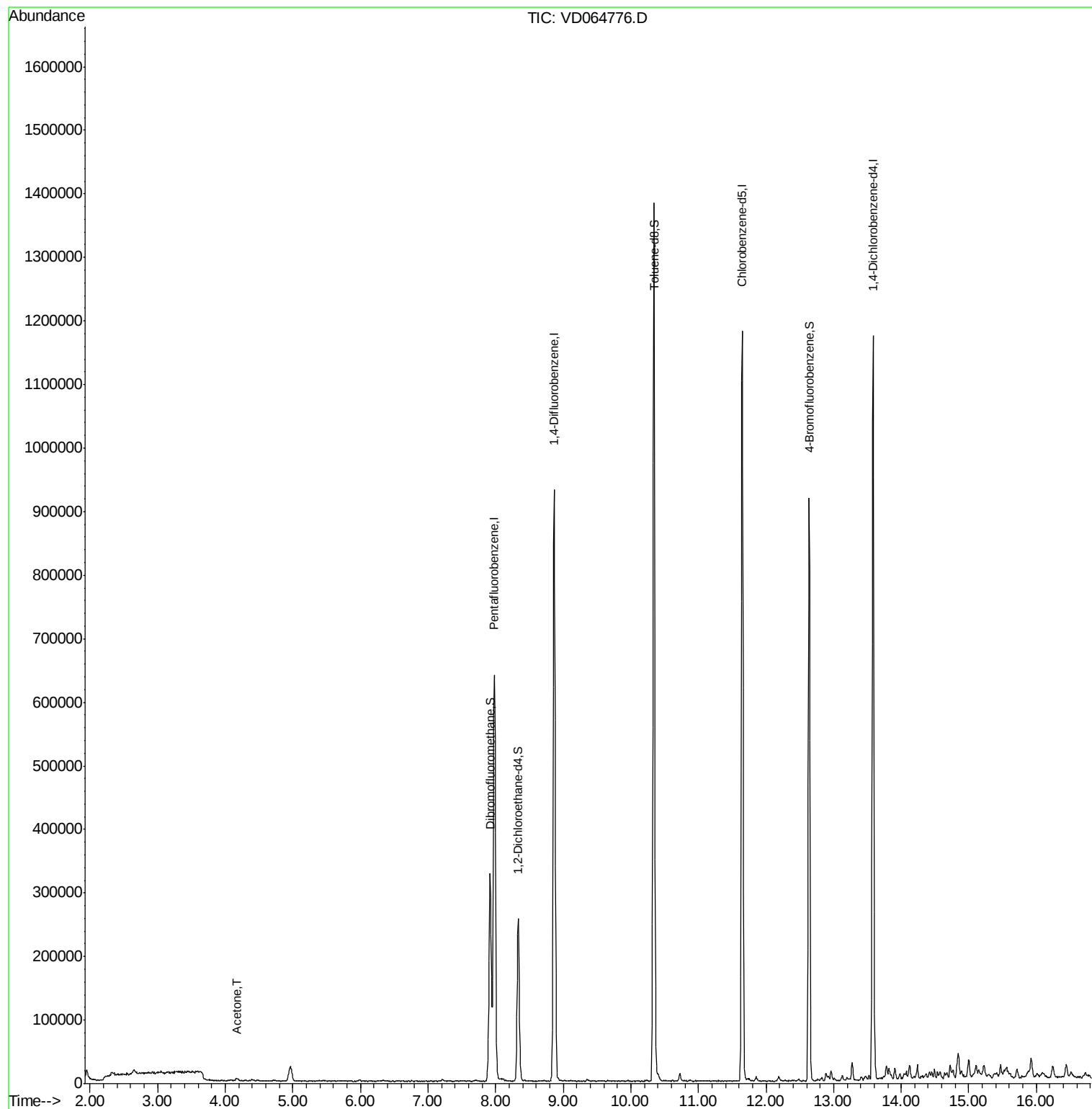
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	514134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	771403	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	664612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	305432	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	202572	44.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.36%	
35) Dibromofluoromethane	7.92	113	226378	47.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.66%	
50) Toluene-d8	10.34	98	922194	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.76%	
62) 4-Bromofluorobenzene	12.64	95	265961	46.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.80%	
Target Compounds						
16) Acetone	4.17	43	6195	9.902	ug/l	Qvalue 91

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

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Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
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: VD064776.D

Acq: 06 Jan 2020 16:42

Instrument :

MSVOA_D

ClientSampleId :

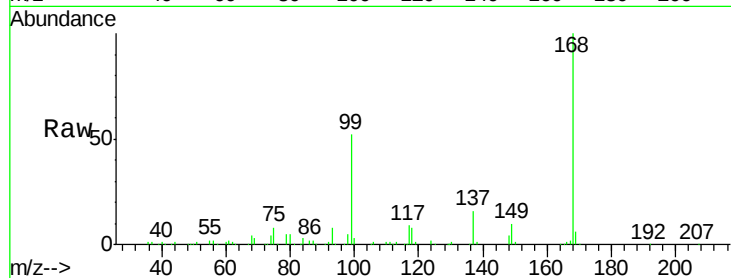
OK-01-010220

Tgt Ion:168 Resp: 514134

Ion Ratio Lower Upper

168 100

99 51.9 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

250000

200000

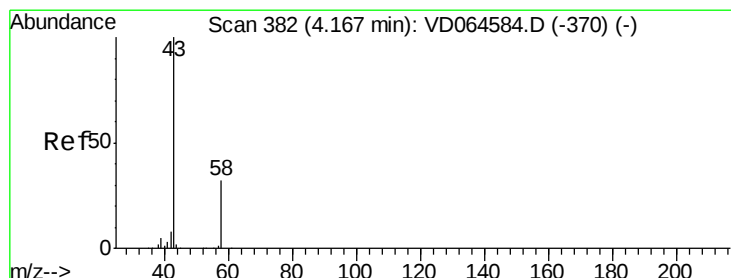
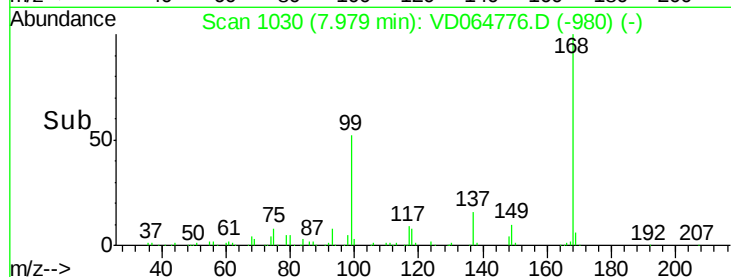
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 9.902 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064776.D

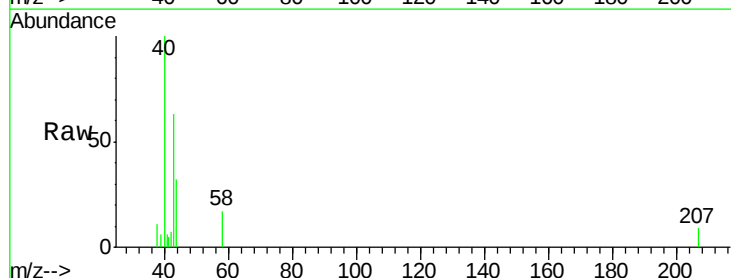
Acq: 06 Jan 2020 16:42

Tgt Ion: 43 Resp: 6195

Ion Ratio Lower Upper

43 100

58 27.4 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

2000

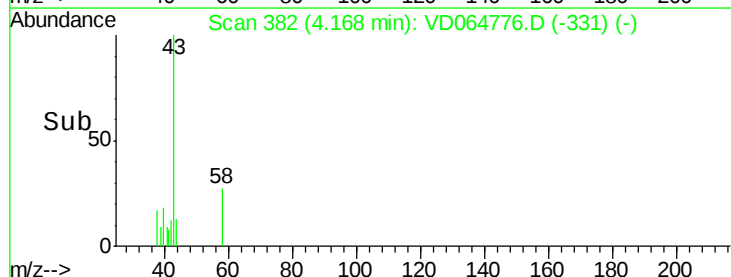
1500

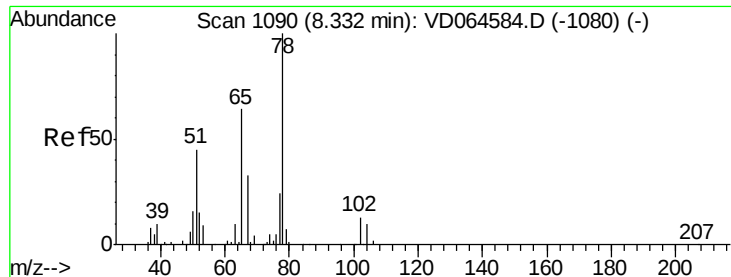
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 44.683 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD064776.D

Acq: 06 Jan 2020 16:42

Instrument :

MSVOA_D

ClientSampleId :

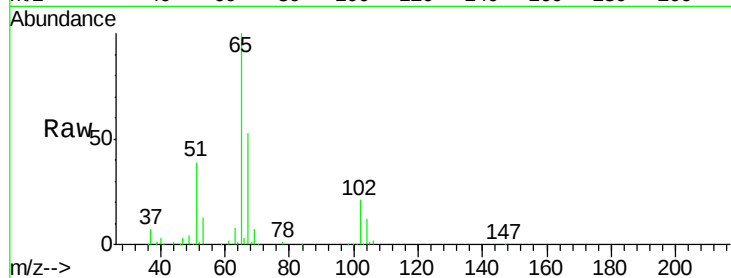
OK-01-010220

Tgt Ion: 65 Resp: 202572

Ion Ratio Lower Upper

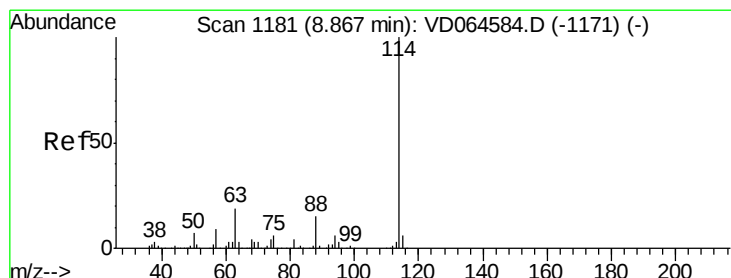
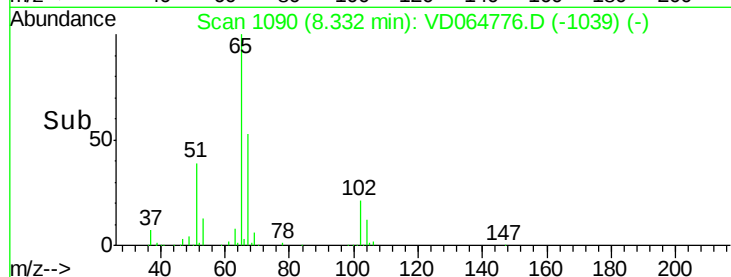
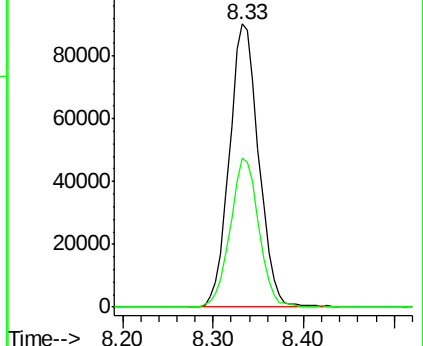
65 100

67 51.5 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: VD064776.D

Acq: 06 Jan 2020 16:42

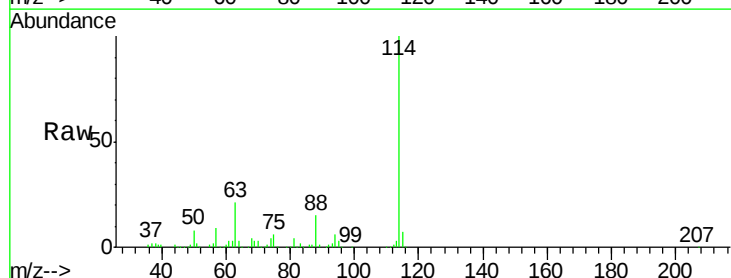
Tgt Ion: 114 Resp: 771403

Ion Ratio Lower Upper

114 100

63 20.7 0.0 38.0

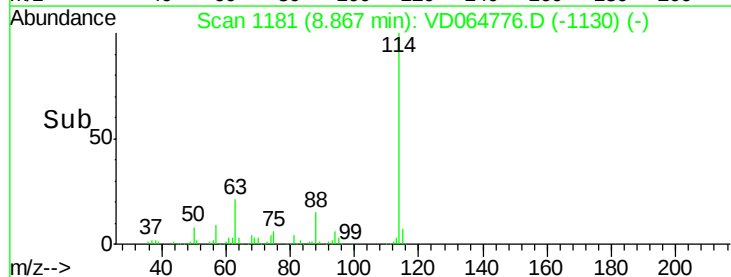
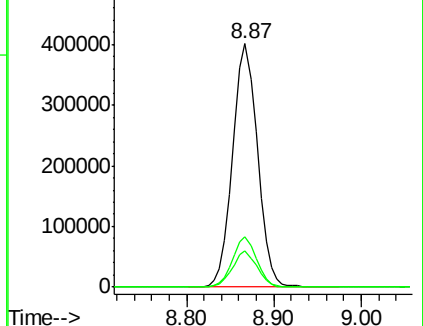
88 15.0 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

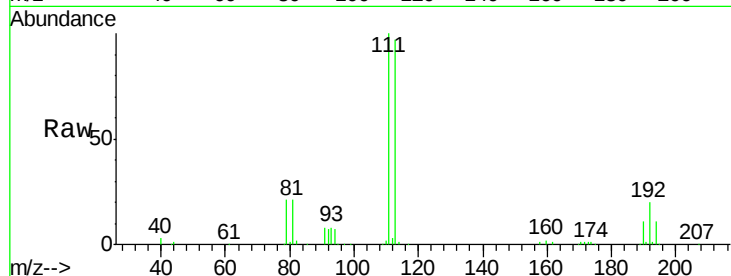




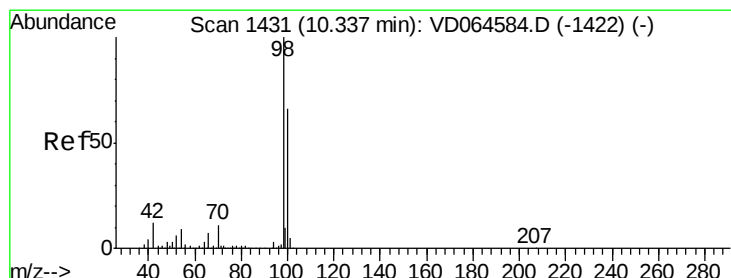
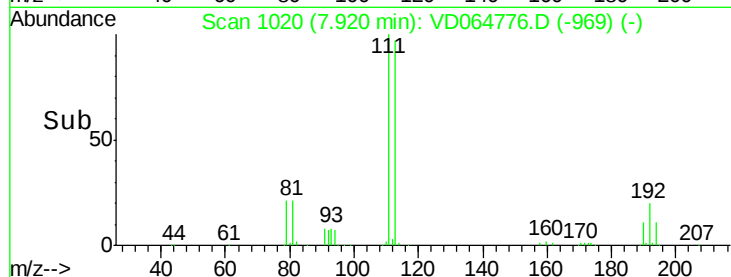
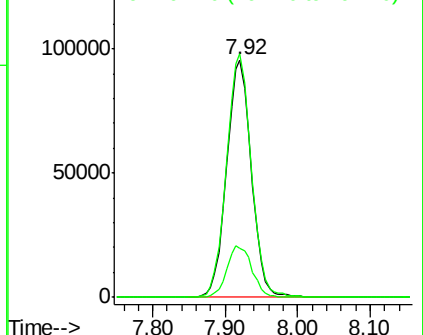
#35
 Dibromofluoromethane
 Concen: 47.833 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064776.D
 Acq: 06 Jan 2020 16:42

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-010220

Tgt Ion:113 Resp: 226378
 Ion Ratio Lower Upper
 113 100
 111 102.7 80.6 121.0
 192 21.9 17.9 26.9

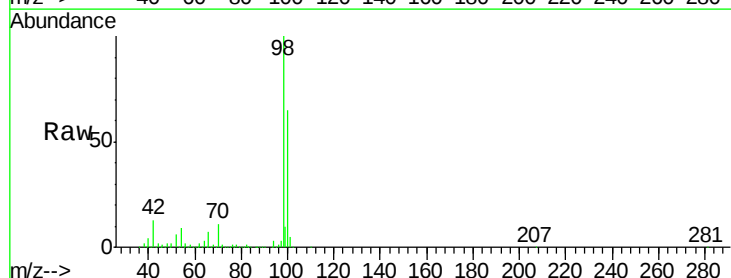


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

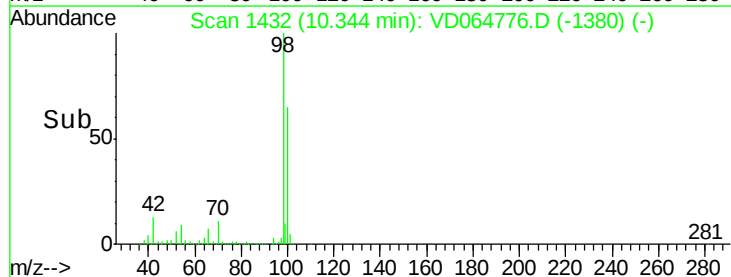
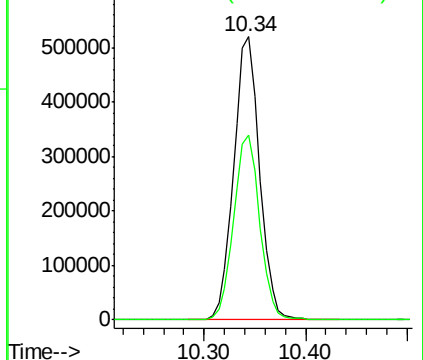


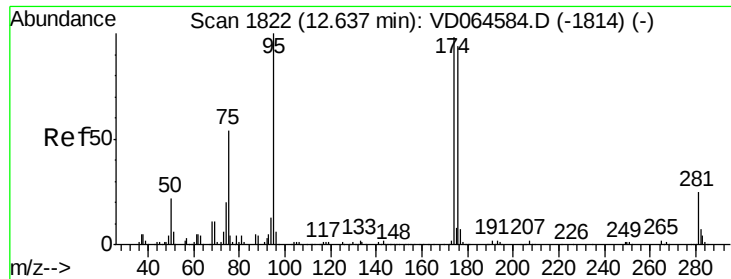
#50
 Toluene-d8
 Concen: 50.878 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064776.D
 Acq: 06 Jan 2020 16:42

Tgt Ion: 98 Resp: 922194
 Ion Ratio Lower Upper
 98 100
 100 65.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VDC
 Ion 100.00 (99.70 to 100.70): VDC

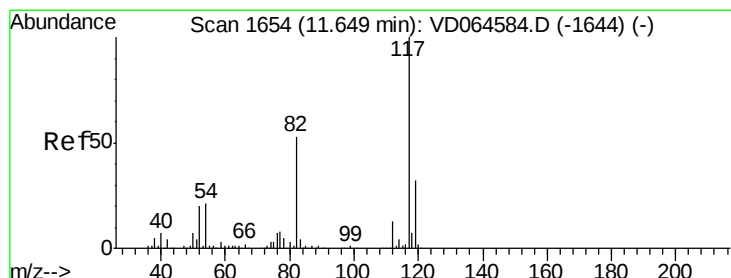
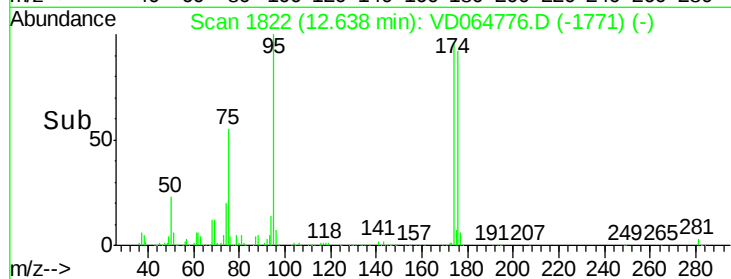
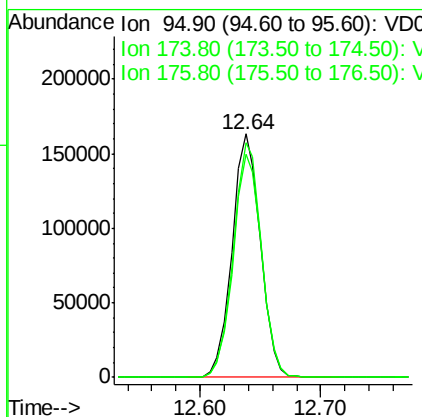
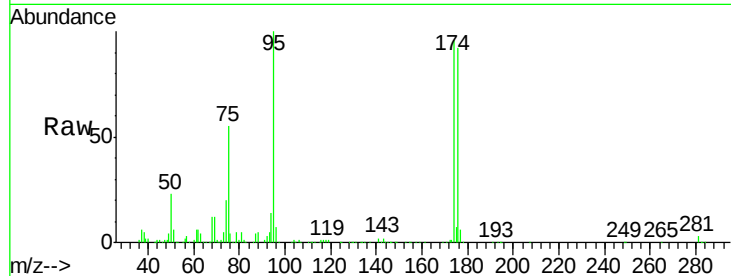




#62
4-Bromofluorobenzene
Concen: 46.403 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064776.D
Acq: 06 Jan 2020 16:42

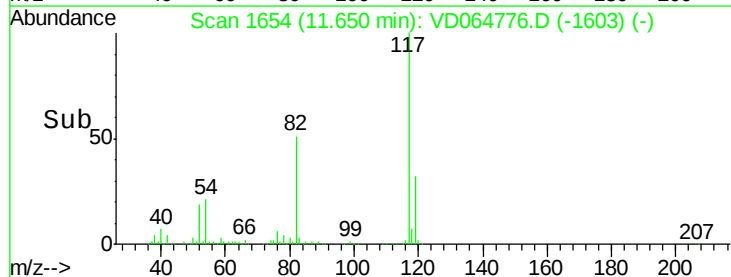
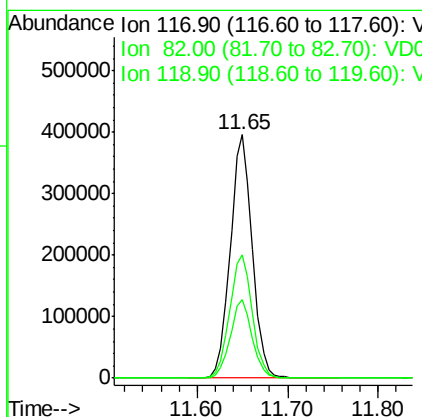
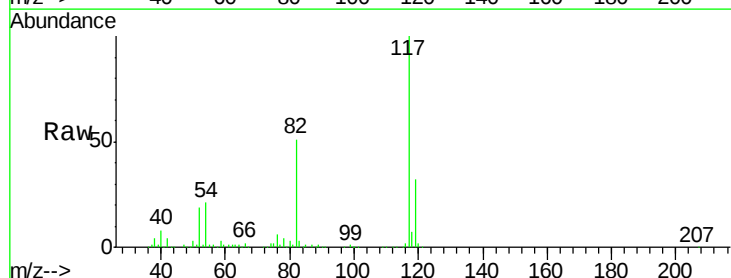
Instrument :
MSVOA_D
ClientSampleId :
OK-01-010220

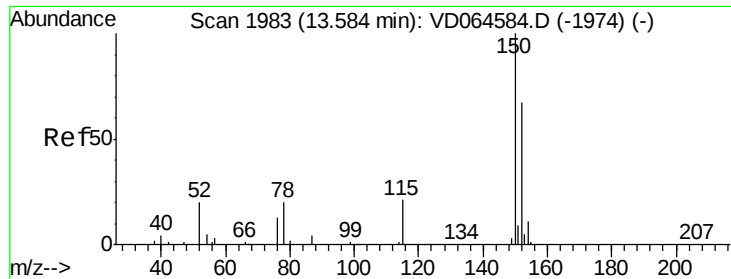
Tgt Ion: 95 Resp: 265961
Ion Ratio Lower Upper
95 100
174 95.9 0.0 193.2
176 91.9 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064776.D
Acq: 06 Jan 2020 16:42

Tgt Ion: 117 Resp: 664612
Ion Ratio Lower Upper
117 100
82 50.9 42.2 63.4
119 32.0 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064776.D

Acq: 06 Jan 2020 16:42

Instrument :

MSVOA_D

ClientSampleId :

OK-01-010220

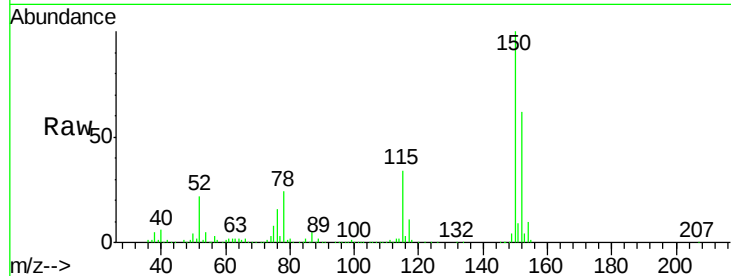
Tgt Ion:152 Resp: 305432

Ion Ratio Lower Upper

152 100

115 55.4 27.8 83.4

150 157.5 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

