

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010320\
 Data File : VD064745.D
 Acq On : 03 Jan 2020 20:25
 Operator : VA/SY
 Sample : K6471-13
 Misc : 7.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MC-123019-0-1-GRAB-B1

Quant Time: Jan 06 07:39:26 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	442803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	681413	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	616126	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	293407	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	218870	56.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.10%	
35) Dibromofluoromethane	7.92	113	215759	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
50) Toluene-d8	10.34	98	825480	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
62) 4-Bromofluorobenzene	12.64	95	252049	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	

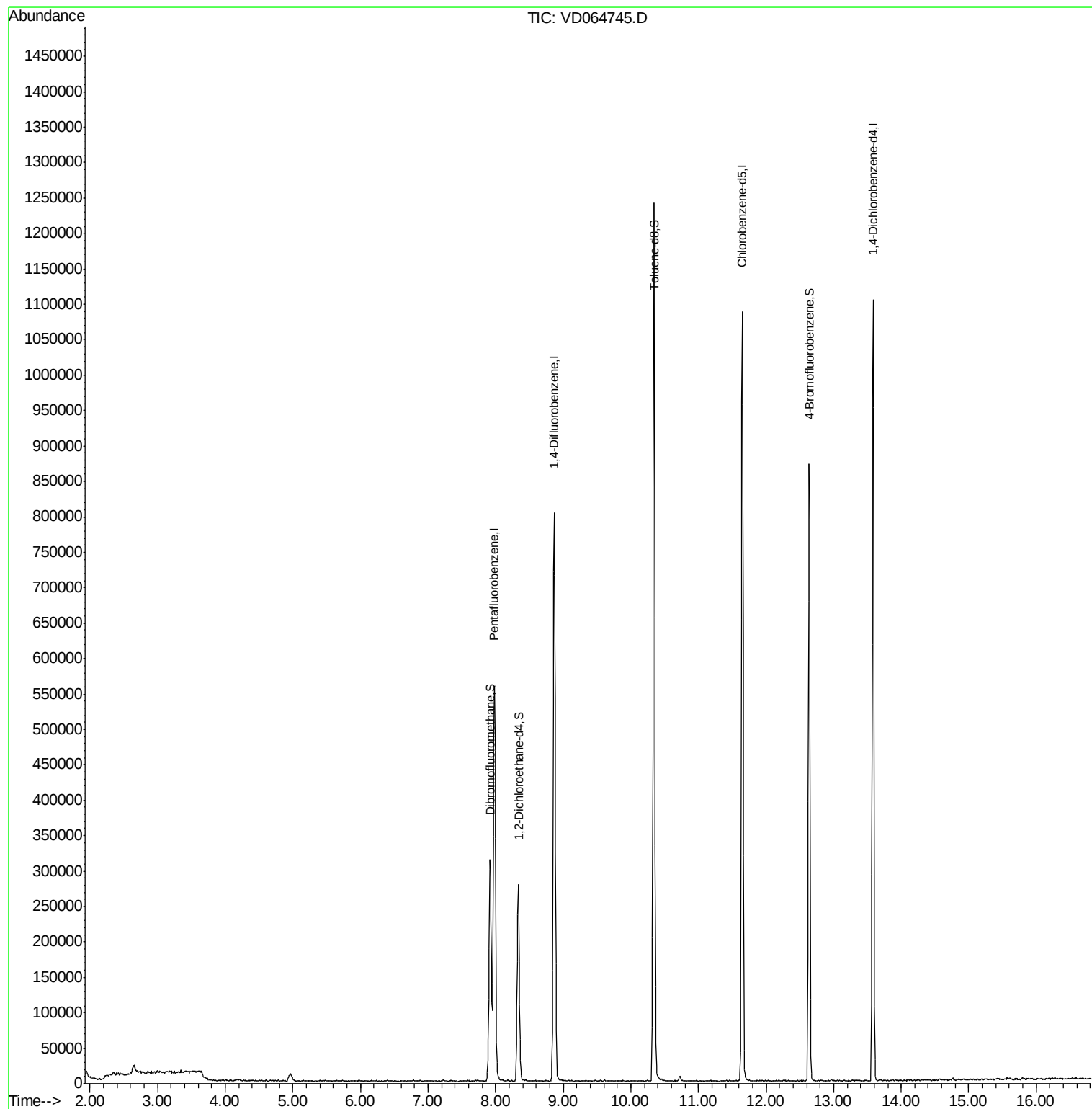
Target Compounds	Qvalue

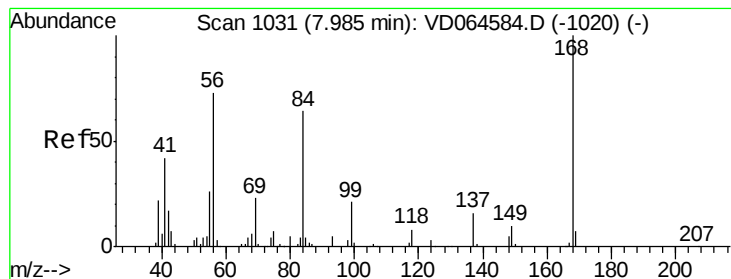
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064745.D

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Instrument :

MSVOA_D

ClientSampleId :

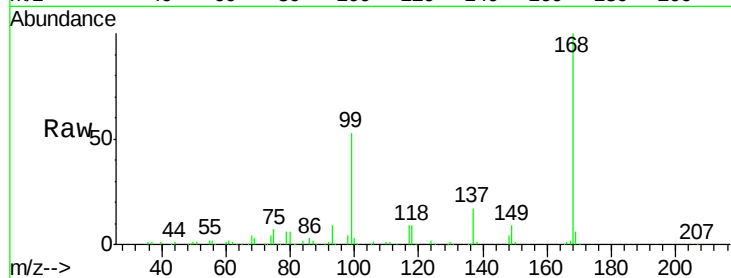
MC-123019-0-1-GRAB-B1

Tgt Ion:168 Resp: 442803

Ion Ratio Lower Upper

168 100

99 52.6 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

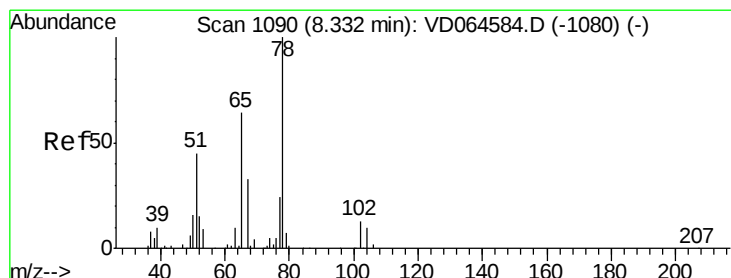
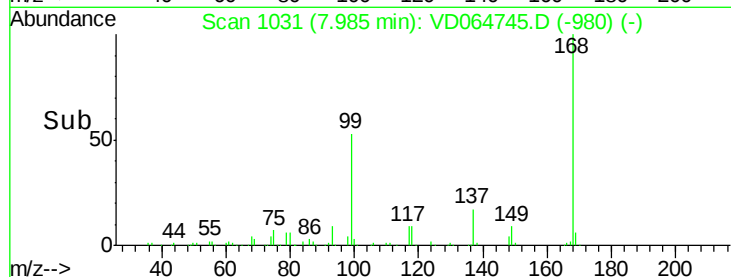
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.055 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064745.D

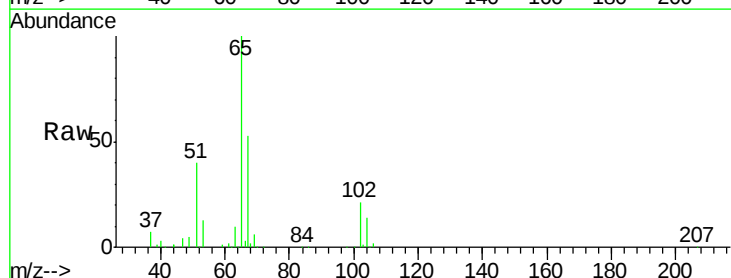
Acq: 03 Jan 2020 20:25

Tgt Ion: 65 Resp: 218870

Ion Ratio Lower Upper

65 100

67 52.0 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

100000

80000

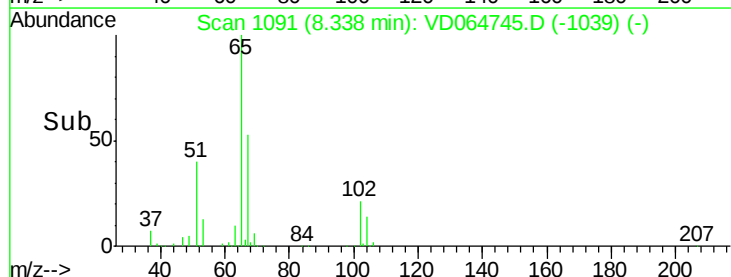
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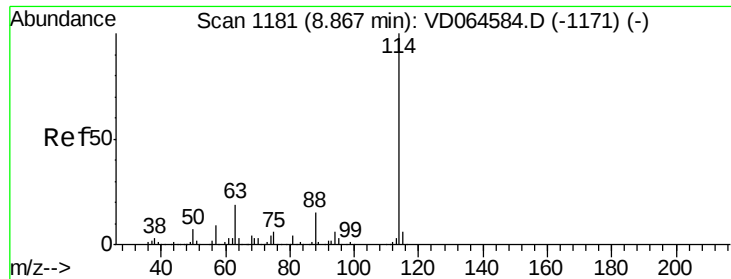
40000

20000

0

Time-->

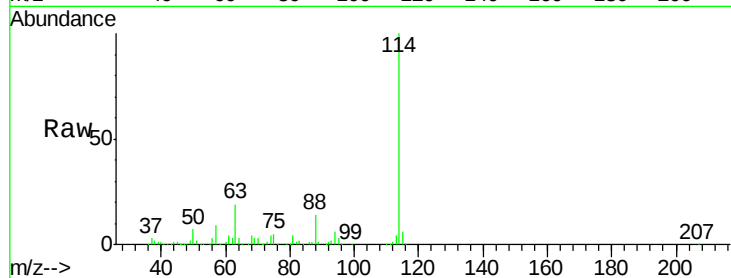




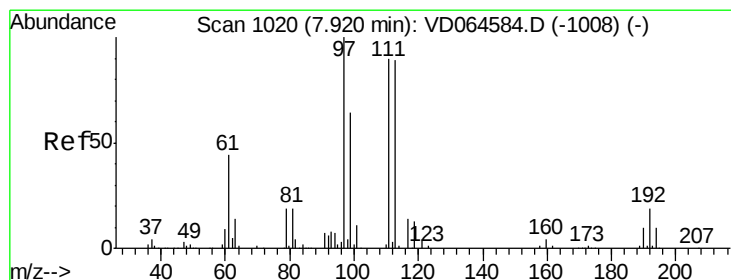
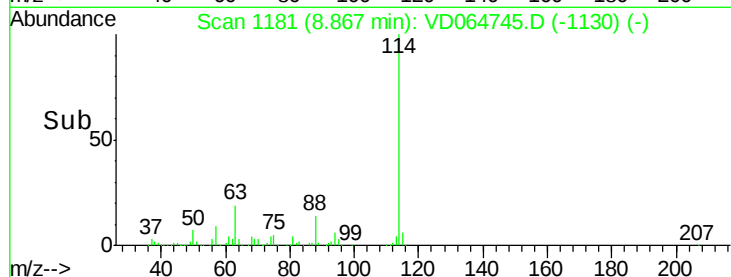
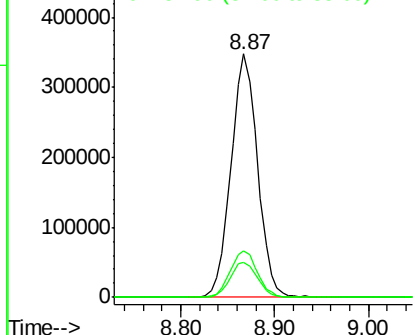
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064745.D
 Acq: 03 Jan 2020 20:25

Instrument :
 MSVOA_D
 ClientSampleId :
 MC-123019-0-1-GRAB-B1

Tgt Ion:114 Resp: 681413
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.0
 88 14.4 0.0 29.2

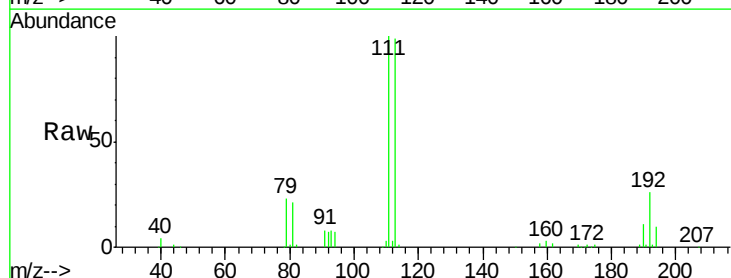


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

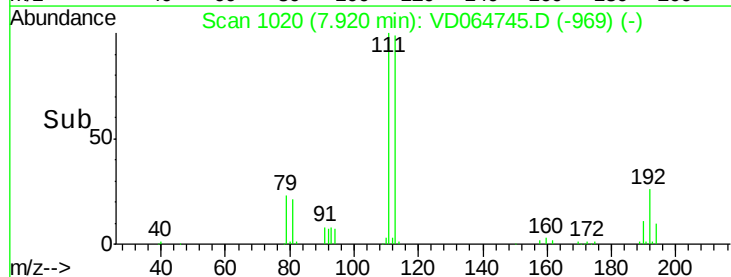
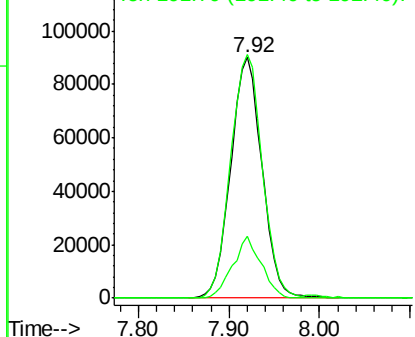


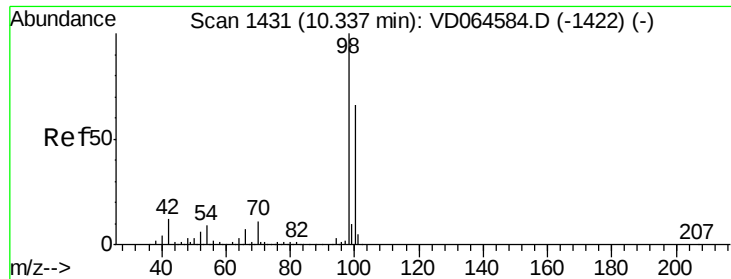
#35
 Dibromofluoromethane
 Concen: 51.610 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064745.D
 Acq: 03 Jan 2020 20:25

Tgt Ion:113 Resp: 215759
 Ion Ratio Lower Upper
 113 100
 111 102.5 80.6 121.0
 192 23.5 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

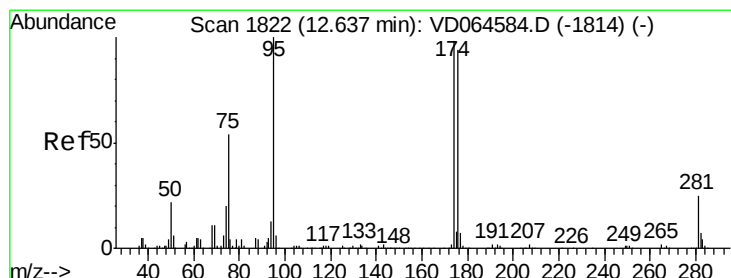
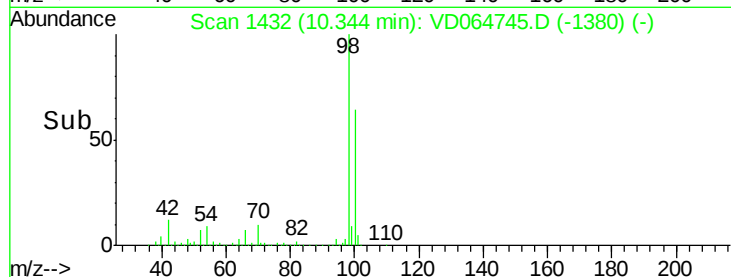
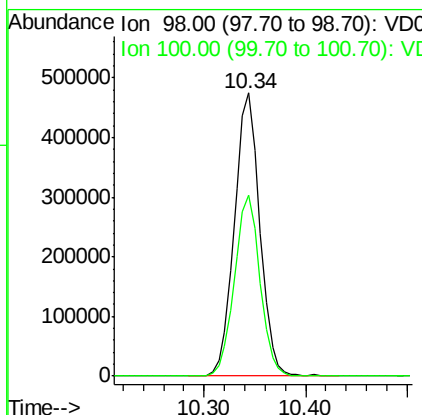
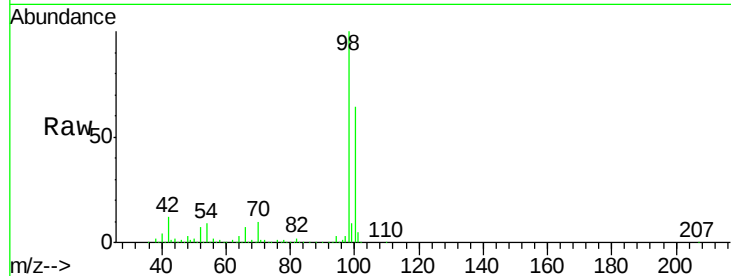




#50
Toluene-d8
Concen: 51.556 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064745.D
Acq: 03 Jan 2020 20:25

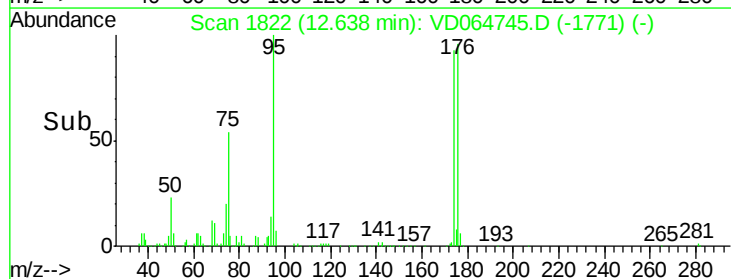
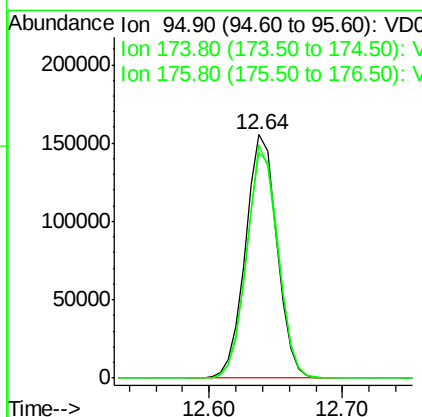
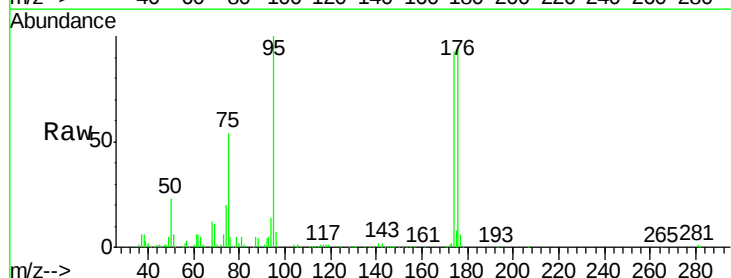
Instrument :
MSVOA_D
ClientSampleId :
MC-123019-0-1-GRAB-B1

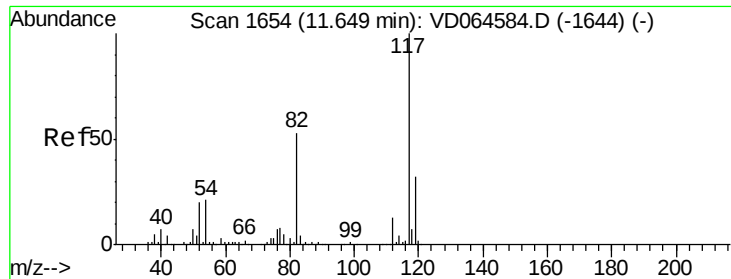
Tgt Ion: 98 Resp: 825480
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 49.783 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064745.D
Acq: 03 Jan 2020 20:25

Tgt Ion: 95 Resp: 252049
Ion Ratio Lower Upper
95 100
174 94.3 0.0 193.2
176 93.6 0.0 184.2

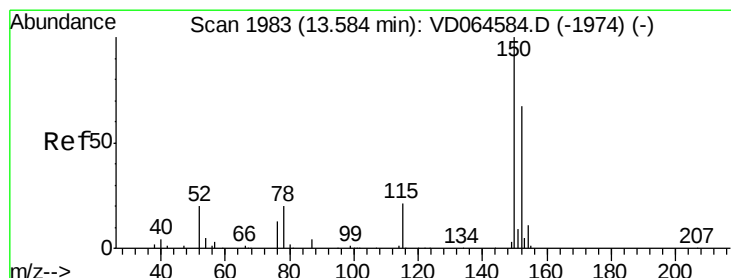
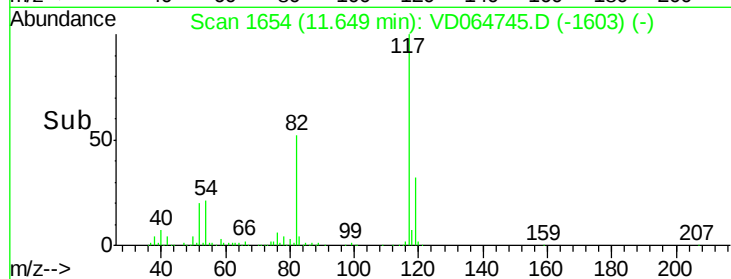
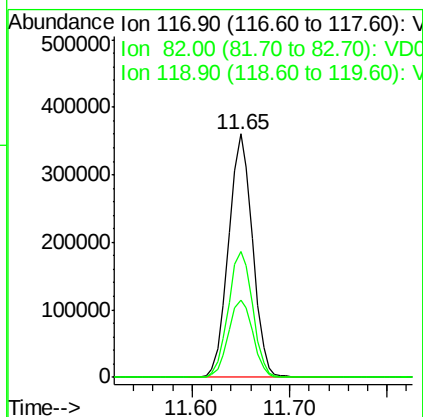
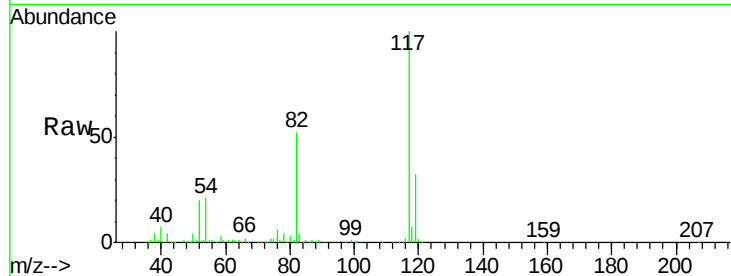




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064745.D
Acq: 03 Jan 2020 20:25

Instrument :
MSVOA_D
ClientSampleId :
MC-123019-0-1-GRAB-B1

Tgt Ion:117 Resp: 616126
Ion Ratio Lower Upper
117 100
82 51.8 42.2 63.4
119 31.9 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: VD064745.D
Acq: 03 Jan 2020 20:25

Tgt Ion:152 Resp: 293407
Ion Ratio Lower Upper
152 100
115 55.6 27.8 83.4
150 156.3 0.0 351.4

