

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010320\
 Data File : VD064740.D
 Acq On : 03 Jan 2020 18:00
 Operator : VA/SY
 Sample : K6471-03
 Misc : 5.85G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MC-123019-4-5-GRAB-B5

Quant Time: Jan 06 07:29:06 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

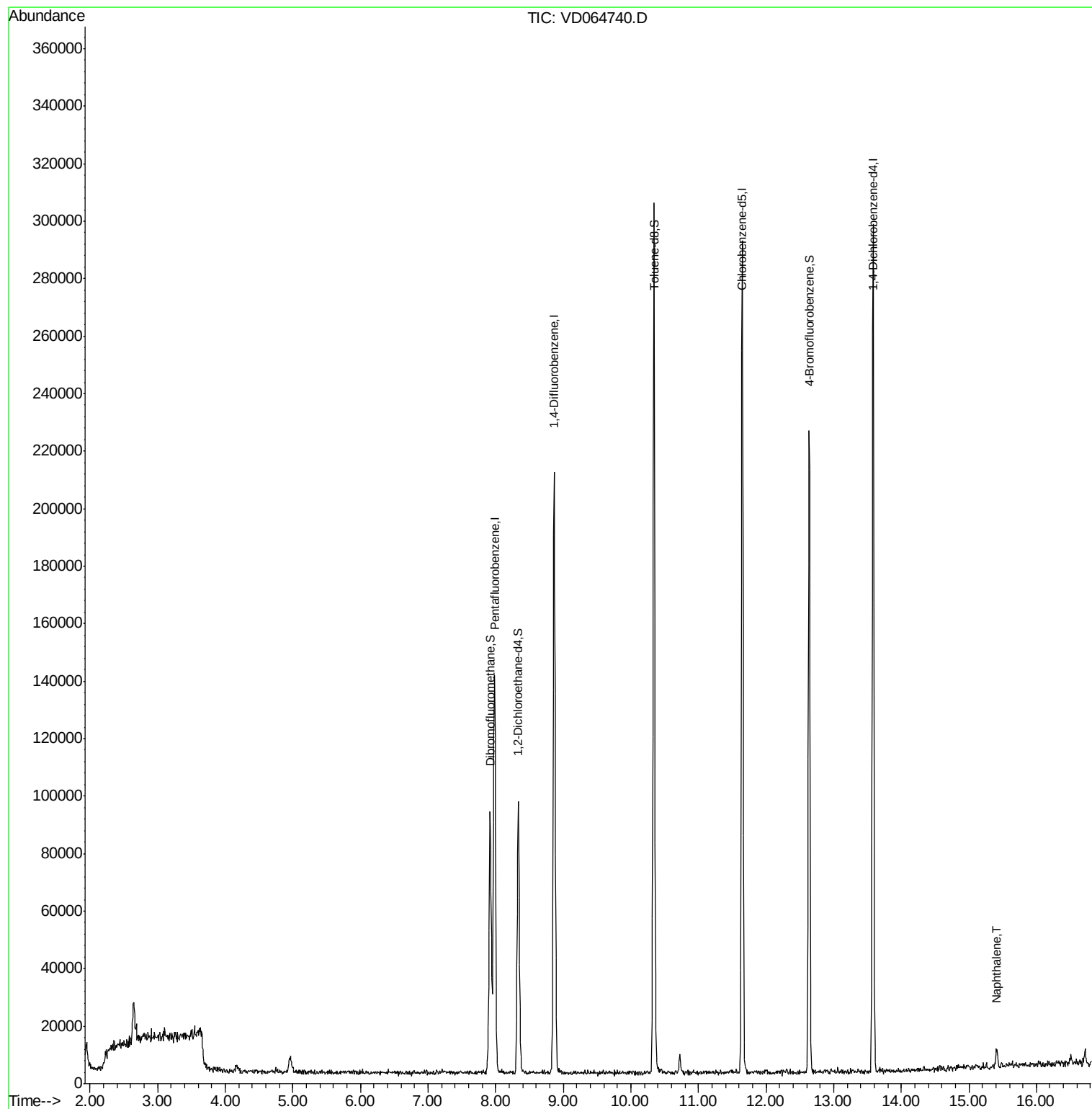
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	106224	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	167594	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	160203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	77420	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	74164	79.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	158.36%	
35) Dibromofluoromethane	7.92	113	61585	59.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.78%	
50) Toluene-d8	10.34	98	201793	51.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.48%	
62) 4-Bromofluorobenzene	12.64	95	67094	53.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.76%	
Target Compounds						
95) Naphthalene	15.41	128	6575	2.554	ug/l	Qvalue 96

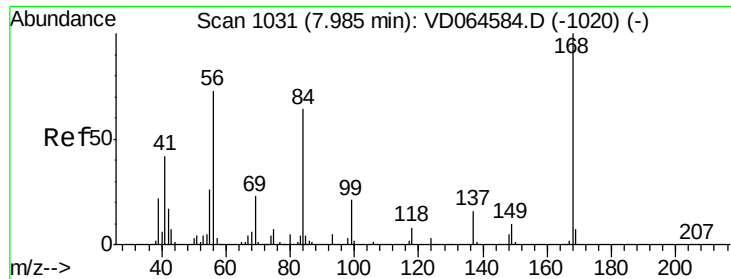
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD010320\
Data File : VD064740.D
Acq On : 03 Jan 2020 18:00
Operator : VA/SY
Sample : K6471-03
Misc : 5.85G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MC-123019-4-5-GRAB-B5

Quant Time: Jan 06 07:29:06 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
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# 1031

Delta R.T. 0.00 min

Lab File: VD064740.D

Acq: 03 Jan 2020 18:00

Instrument :

MSVOA_D

ClientSampleId :

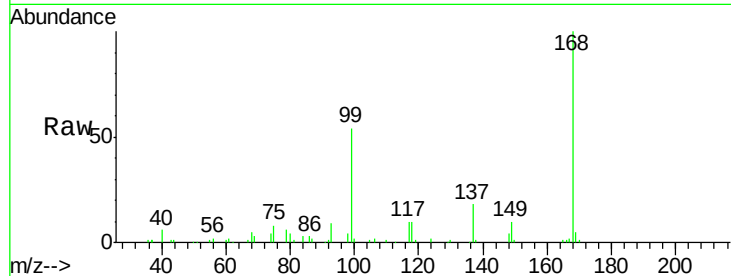
MC-123019-4-5-GRAB-B5

Tgt Ion:168 Resp: 106224

Ion Ratio Lower Upper

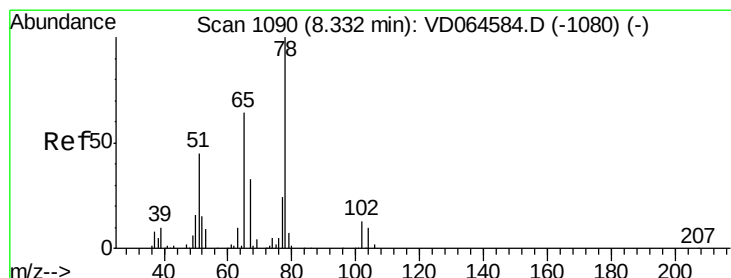
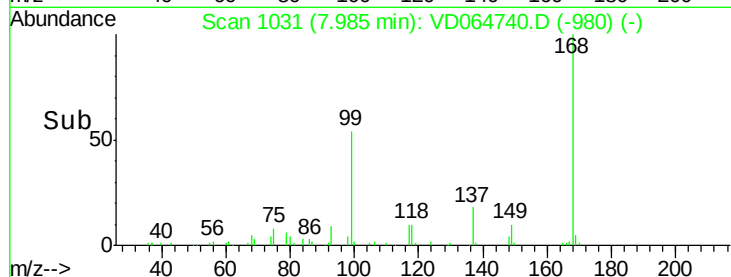
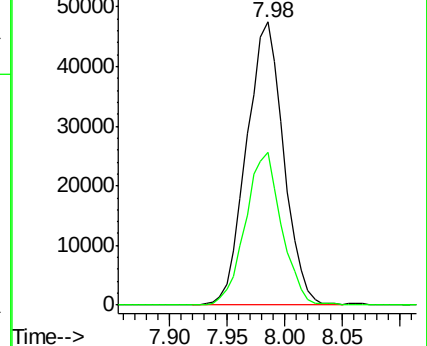
168 100

99 54.0 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 79.178 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD064740.D

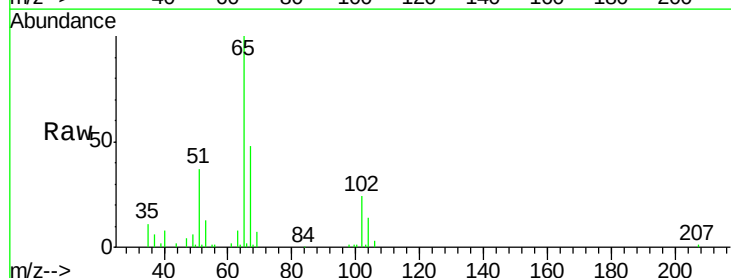
Acq: 03 Jan 2020 18:00

Tgt Ion: 65 Resp: 74164

Ion Ratio Lower Upper

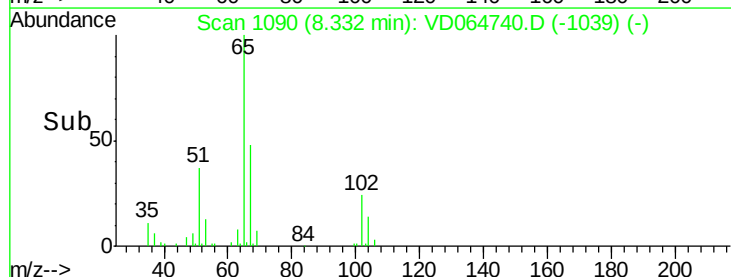
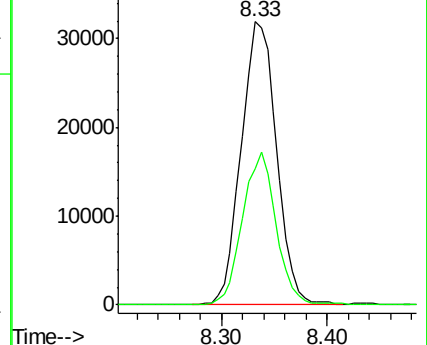
65 100

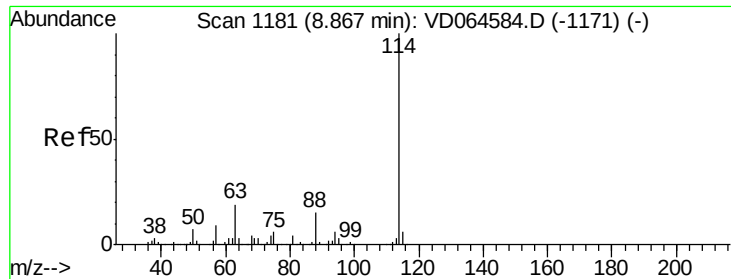
67 51.0 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

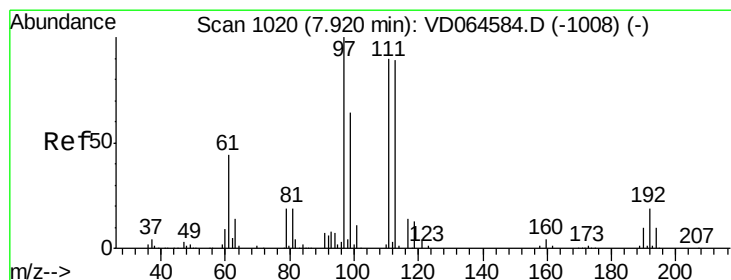
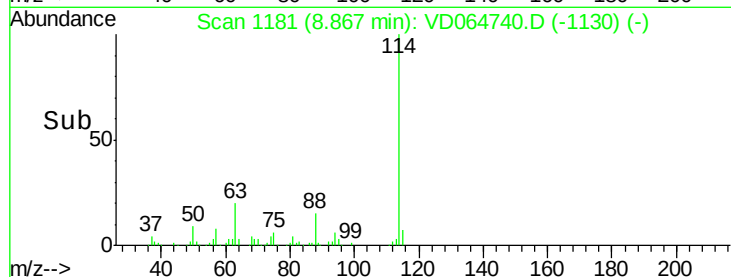
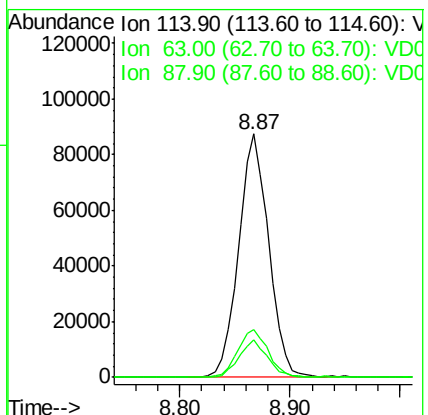
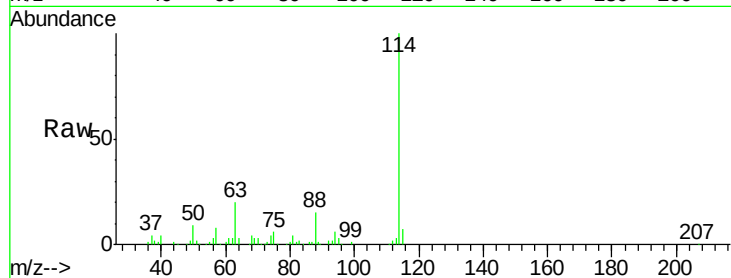




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064740.D
 Acq: 03 Jan 2020 18:00

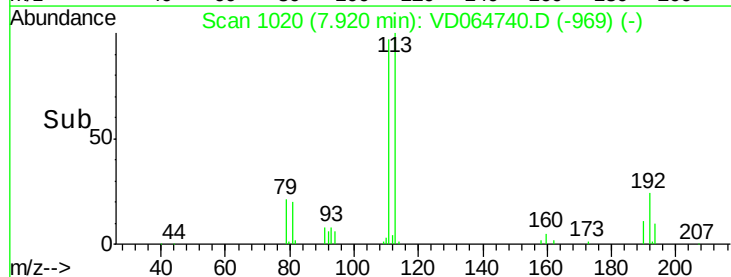
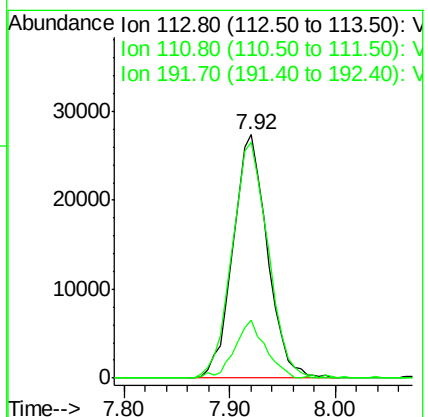
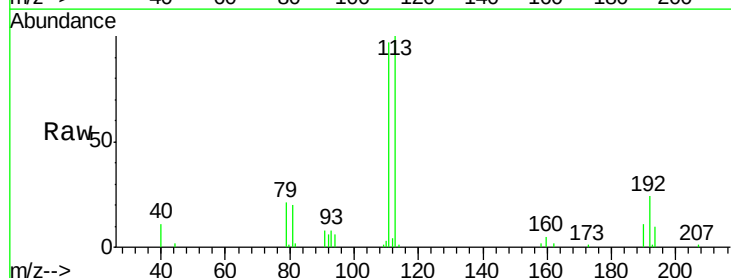
Instrument :
 MSVOA_D
 ClientSampleId :
 MC-123019-4-5-GRAB-B5

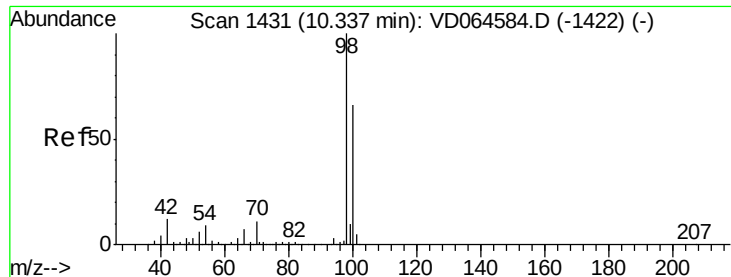
Tgt Ion:114 Resp: 167594
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.0
 88 15.3 0.0 29.2



#35
 Dibromofluoromethane
 Concen: 59.895 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064740.D
 Acq: 03 Jan 2020 18:00

Tgt Ion:113 Resp: 61585
 Ion Ratio Lower Upper
 113 100
 111 101.4 80.6 121.0
 192 21.5 17.9 26.9





#50

Toluene-d8

Concen: 51.243 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064740.D

Acq: 03 Jan 2020 18:00

Instrument :

MSVOA_D

ClientSampleId :

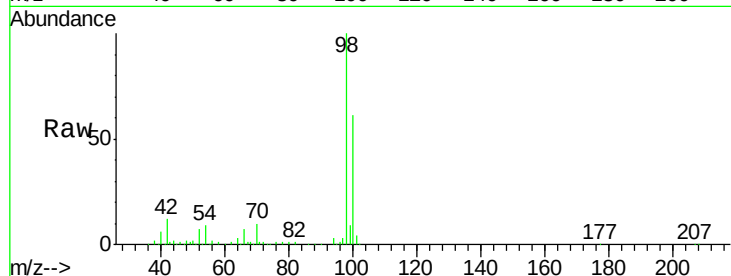
MC-123019-4-5-GRAB-B5

Tgt Ion: 98 Resp: 201793

Ion Ratio Lower Upper

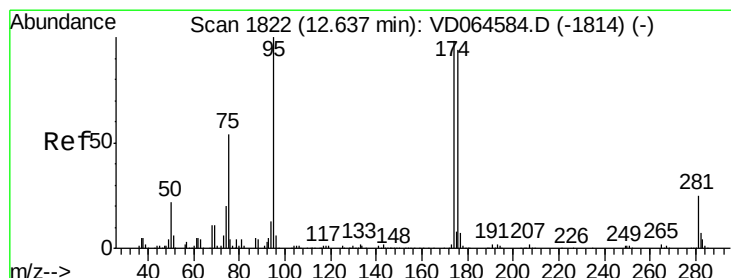
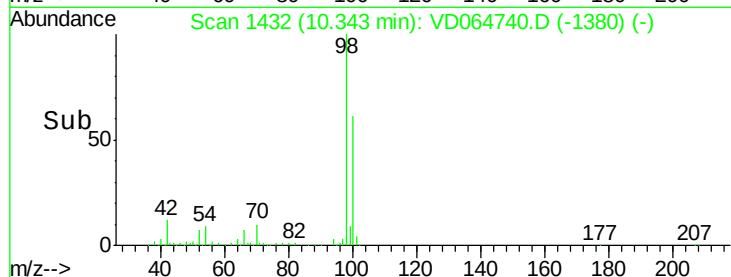
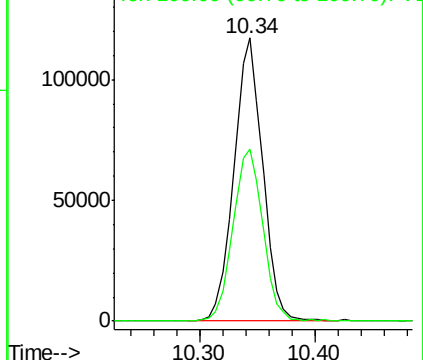
98 100

100 63.3 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: 53.881 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064740.D

Acq: 03 Jan 2020 18:00

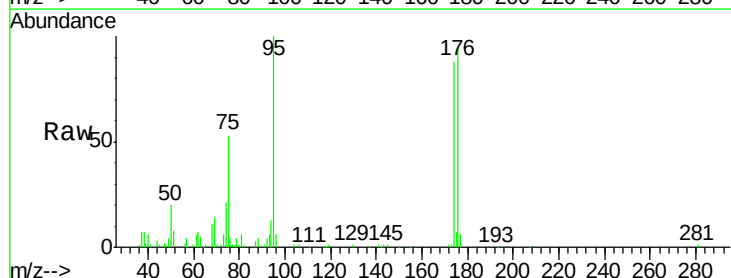
Tgt Ion: 95 Resp: 67094

Ion Ratio Lower Upper

95 100

174 93.8 0.0 193.2

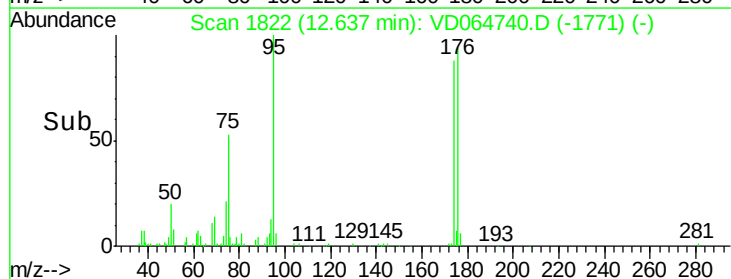
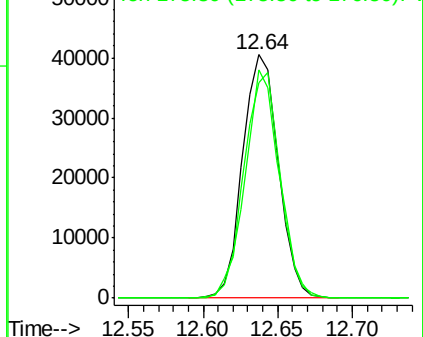
176 89.4 0.0 184.2

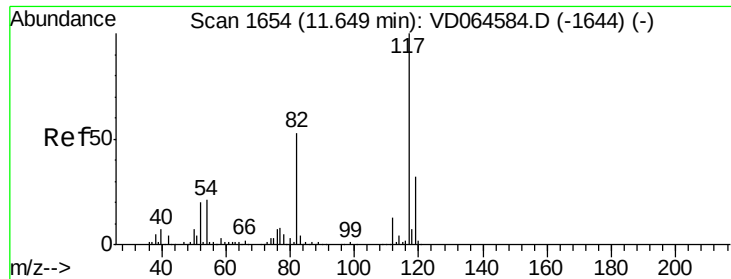


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

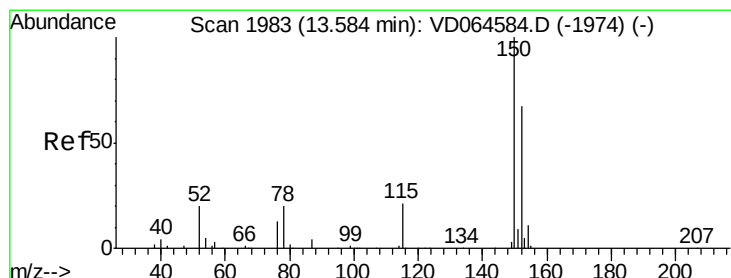
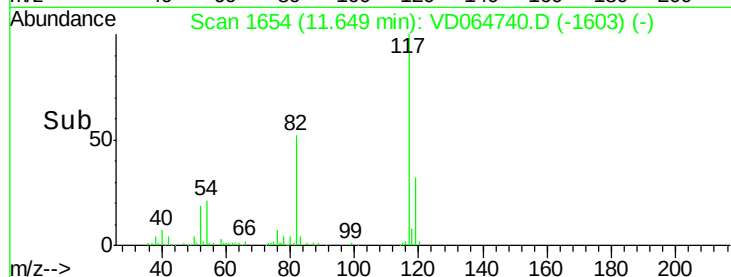
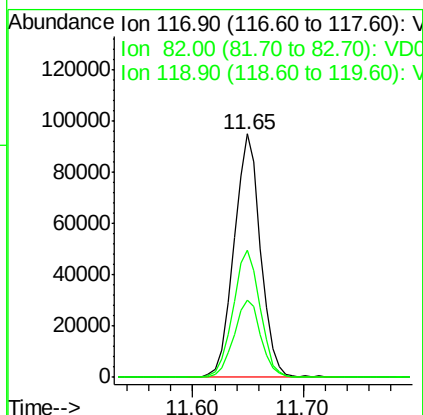
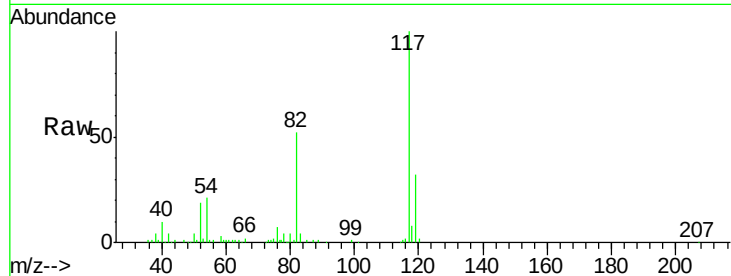




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064740.D
Acq: 03 Jan 2020 18:00

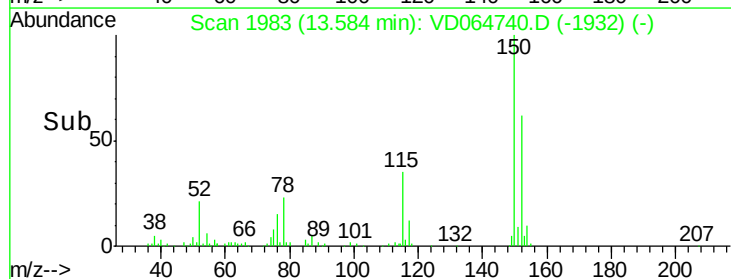
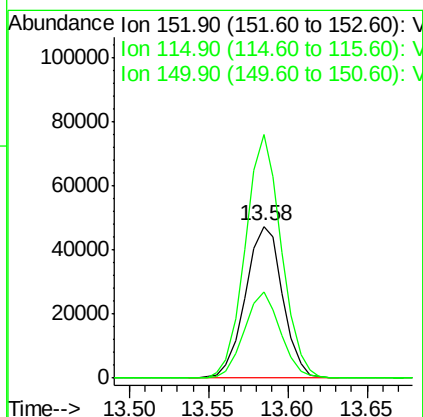
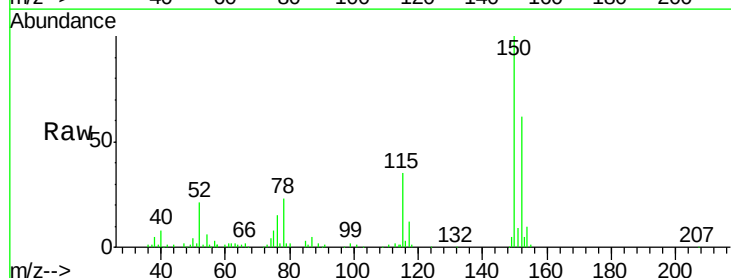
Instrument :
MSVOA_D
ClientSampleId :
MC-123019-4-5-GRAB-B5

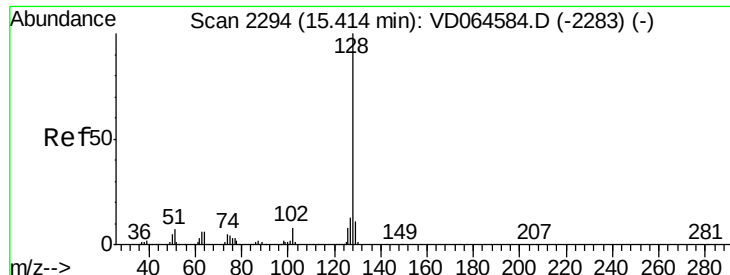
Tgt Ion:117 Resp: 160203
Ion Ratio Lower Upper
117 100
82 52.5 42.2 63.4
119 31.6 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064740.D
Acq: 03 Jan 2020 18:00

Tgt Ion:152 Resp: 77420
Ion Ratio Lower Upper
152 100
115 55.1 27.8 83.4
150 155.1 0.0 351.4





#95

Naphthalene

Concen: 2.554 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VD064740.D

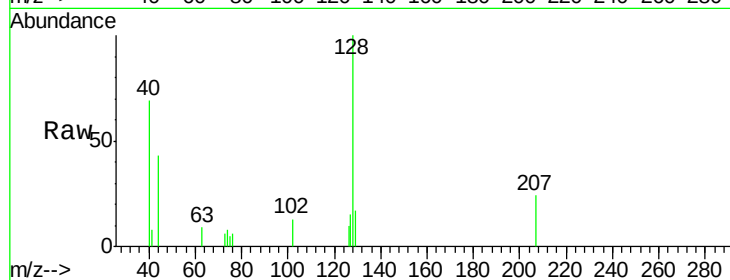
Acq: 03 Jan 2020 18:00

Instrument :

MSVOA_D

ClientSampleId :

MC-123019-4-5-GRAB-B5



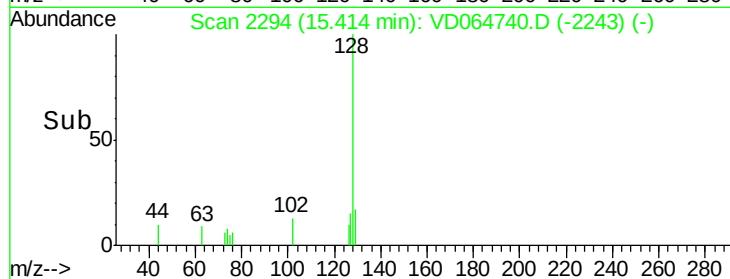
Tgt Ion:128 Resp: 6575

Ion Ratio Lower Upper

128 100

127 14.5 10.3 15.5

129 8.7 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

