

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD010320\
 Data File : VD064753.D
 Acq On : 04 Jan 2020 01:35
 Operator : VA/SY
 Sample : K6465-04RE
 Misc : 7.98G/5.00ml/MSVOA D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-10-(10-12)RE

Quant Time: Jan 06 07:57:07 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

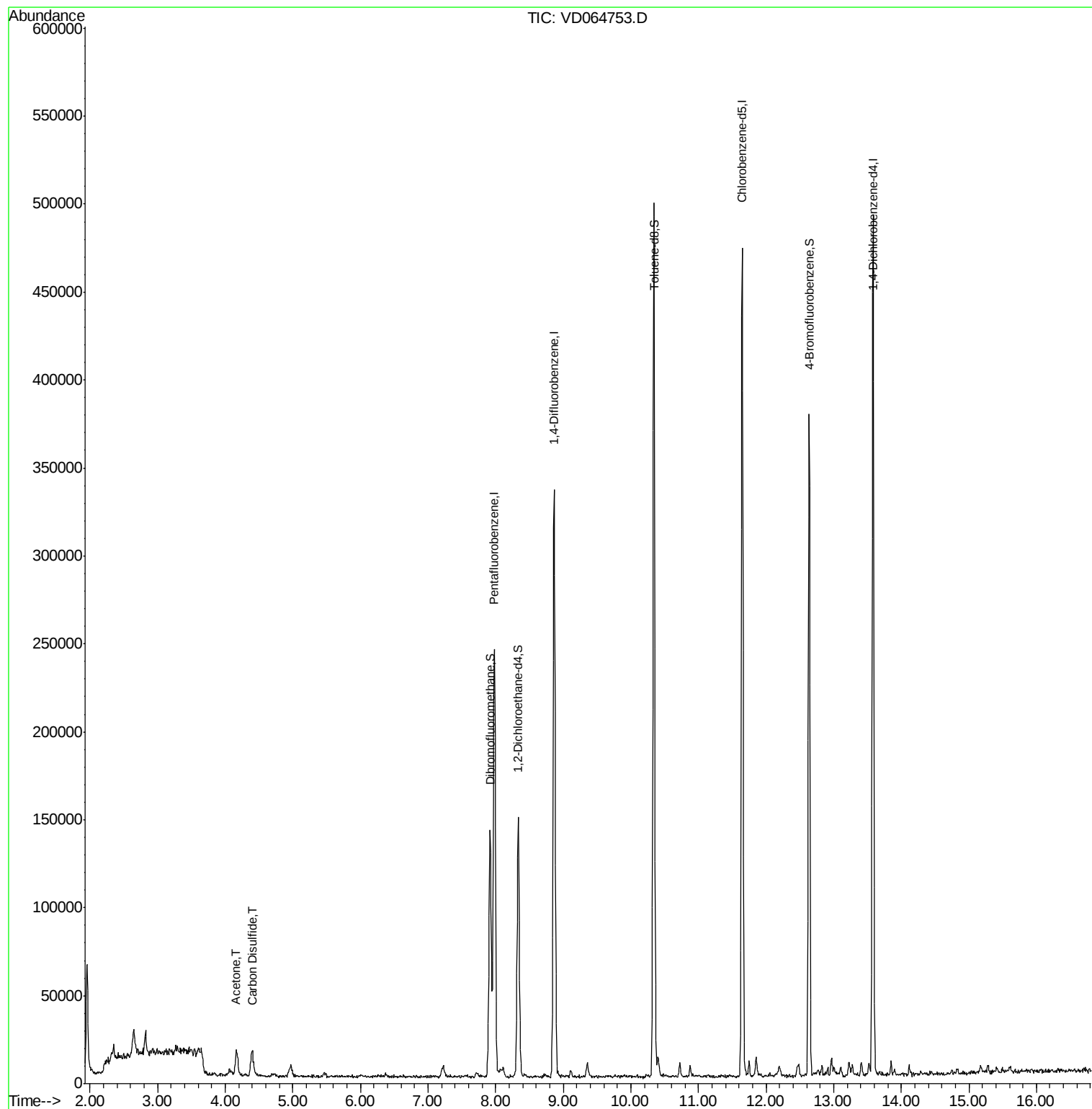
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	185552	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	281046	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	262870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	127367	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	118283	72.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	144.58%	
35) Dibromofluoromethane	7.92	113	96128	55.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.50%	
50) Toluene-d8	10.34	98	333612	50.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.04%	
62) 4-Bromofluorobenzene	12.64	95	109898	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.26%	
Target Compounds						
16) Acetone	4.16	43	25496	71.080	ug/l	93
17) Carbon Disulfide	4.40	76	30188	5.719	ug/l #	94

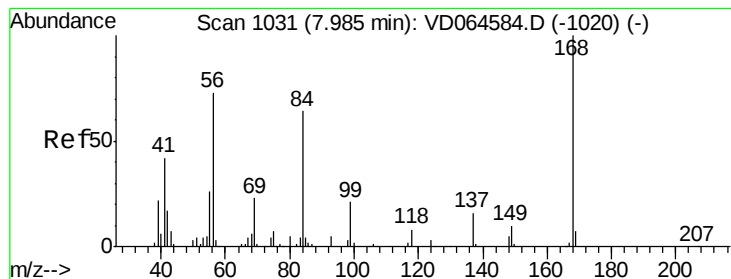
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064753.D

Acq: 04 Jan 2020 01:35

Instrument :

MSVOA_D

ClientSampleId :

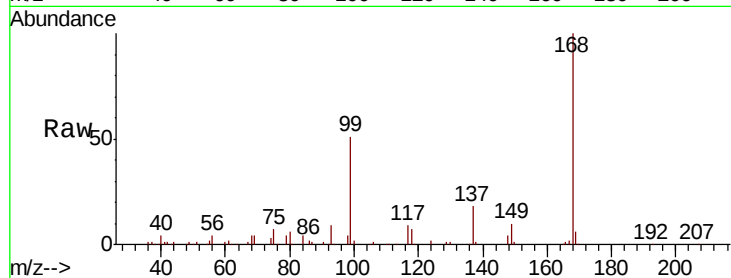
GP-10-(10-12)RE

Tot Ion:168 Resp: 185552

Ion Ratio Lower Upper

168 100

99 50.4 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

80000

60000

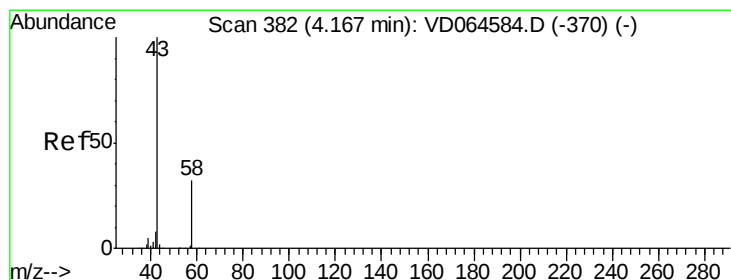
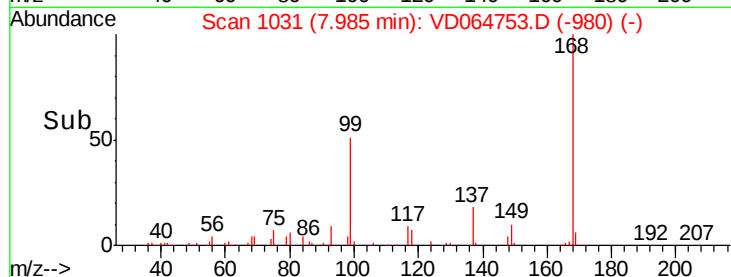
40000

20000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 71.080 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064753.D

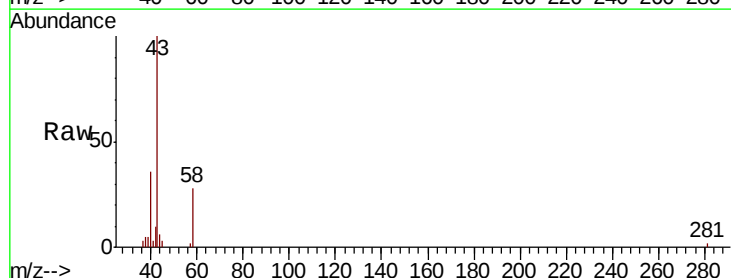
Acq: 04 Jan 2020 01:35

Tgt Ion: 43 Resp: 25496

Ion Ratio Lower Upper

43 100

58 28.2 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

10000

8000

6000

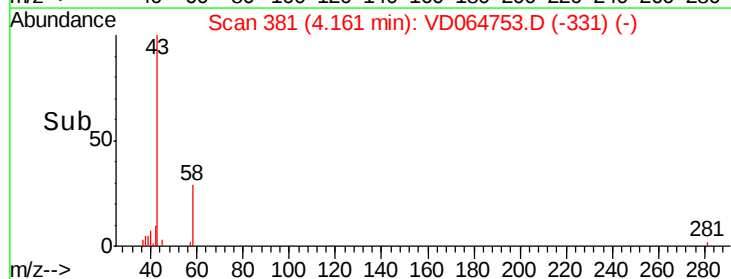
4000

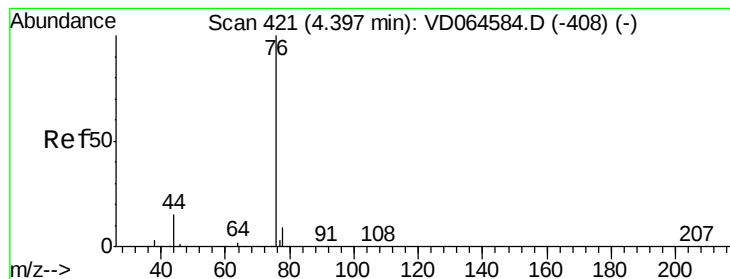
2000

0

4.05 4.10 4.15 4.20 4.25

Time-->





#17

Carbon Disulfide

Concen: 5.719 ug/l

RT: 4.40 min Scan# 421

Delta R.T. 0.00 min

Lab File: VD064753.D

Acq: 04 Jan 2020 01:35

Instrument :

MSVOA_D

ClientSampleId :

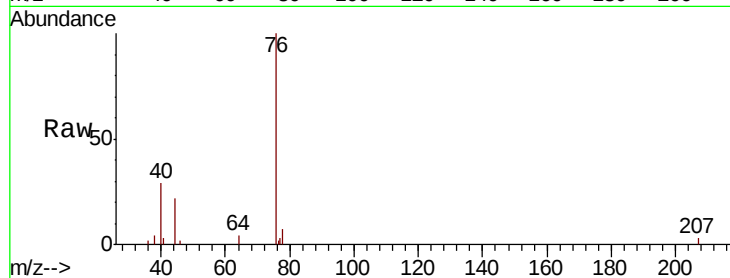
GP-10-(10-12)RE

Tot Ion: 76 Resp: 30188

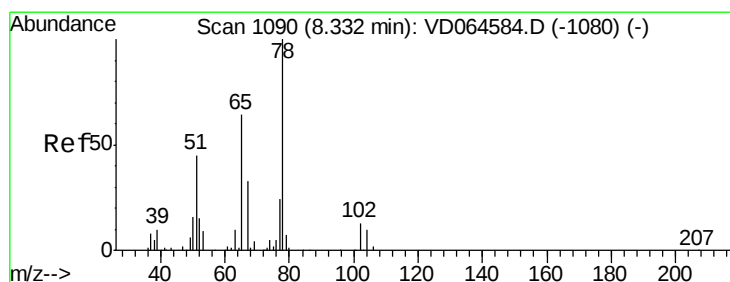
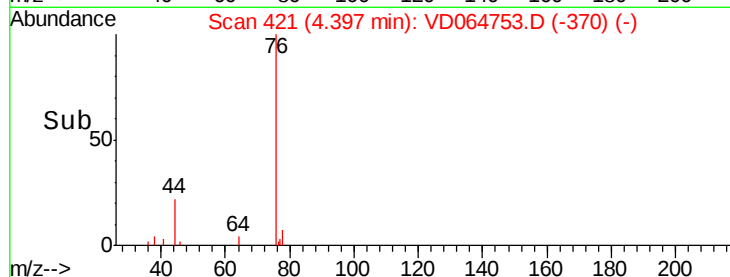
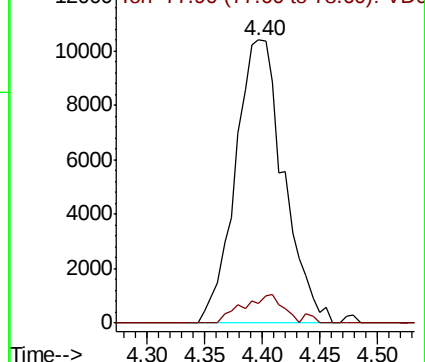
Ion Ratio Lower Upper

76 100

78 7.0 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: 72.292 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD064753.D

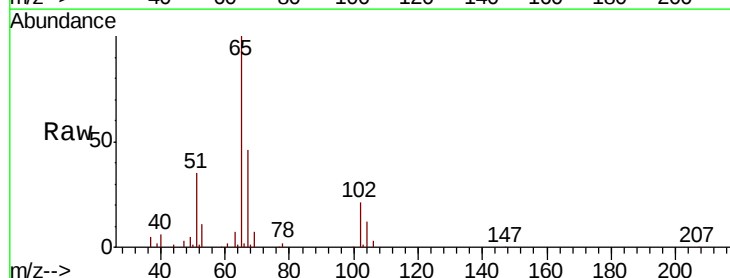
Acq: 04 Jan 2020 01:35

Tgt Ion: 65 Resp: 118283

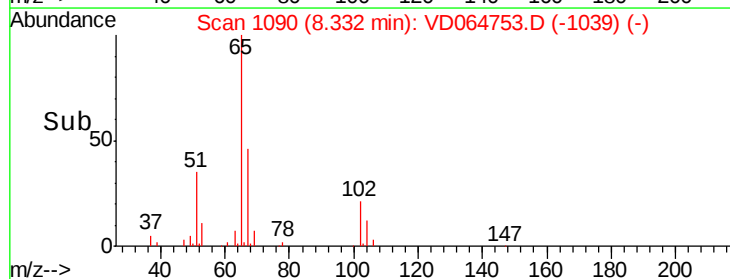
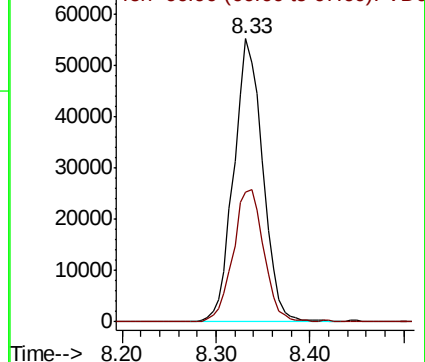
Ion Ratio Lower Upper

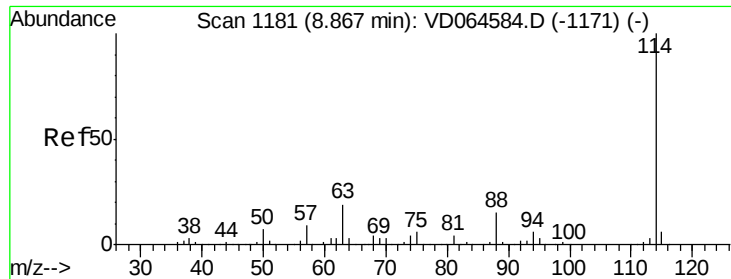
65 100

67 49.4 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

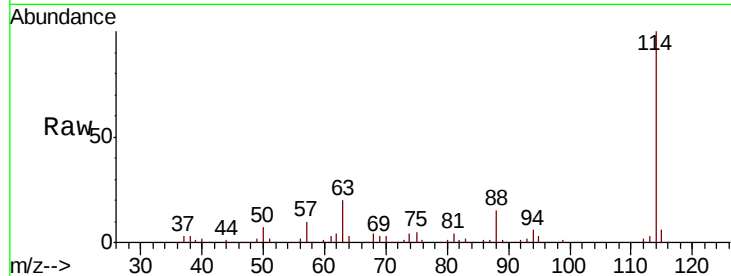




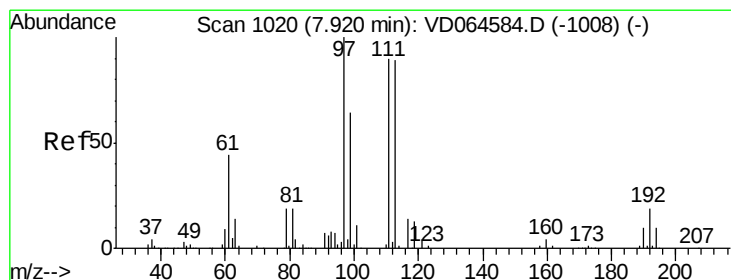
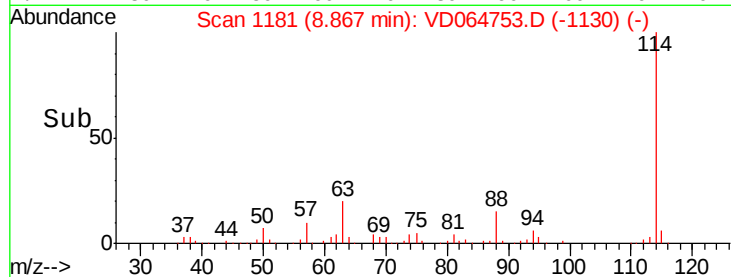
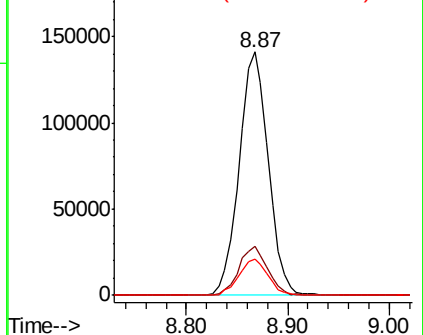
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064753.D
 Acq: 04 Jan 2020 01:35

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-10-(10-12)RE

Tot Ion:114 Resp: 281046
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 38.0
 88 14.7 0.0 29.2

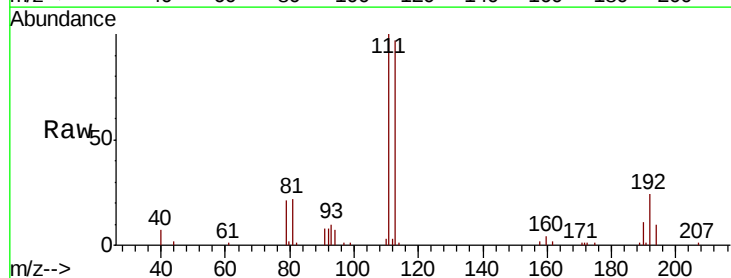


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

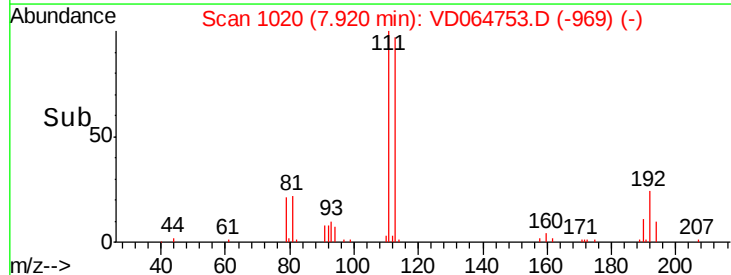
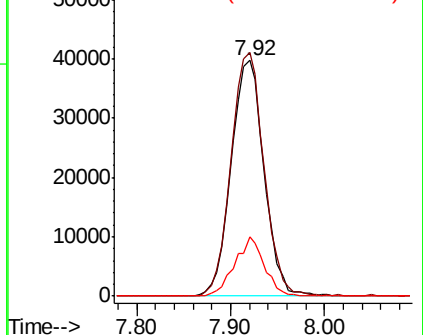


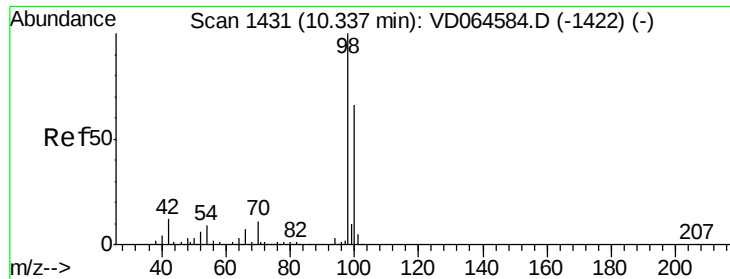
#35
 Dibromofluoromethane
 Concen: 55.750 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064753.D
 Acq: 04 Jan 2020 01:35

Tgt Ion:113 Resp: 96128
 Ion Ratio Lower Upper
 113 100
 111 103.7 80.6 121.0
 192 22.6 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: 50.519 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064753.D

Acq: 04 Jan 2020 01:35

Instrument :

MSVOA_D

ClientSampleId :

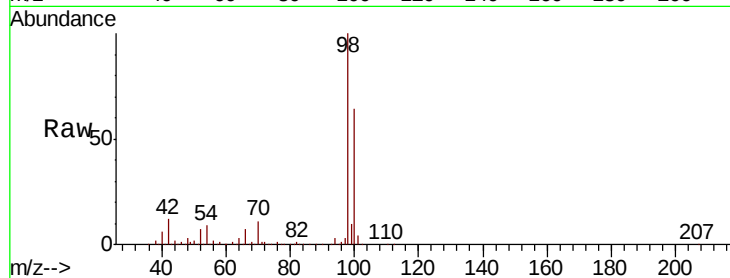
GP-10-(10-12)RE

Tot Ion: 98 Resp: 333612

Ion Ratio Lower Upper

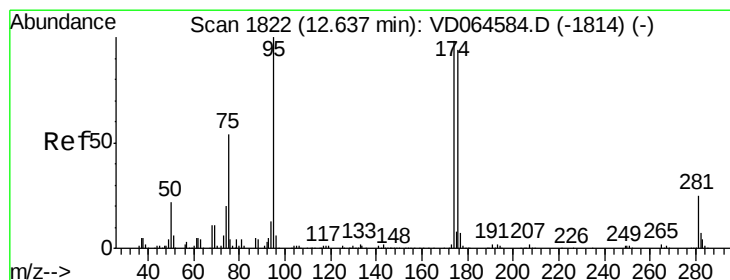
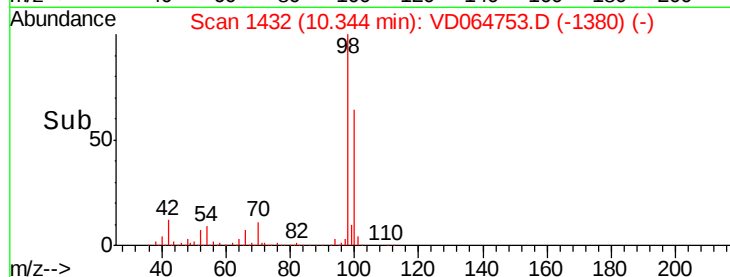
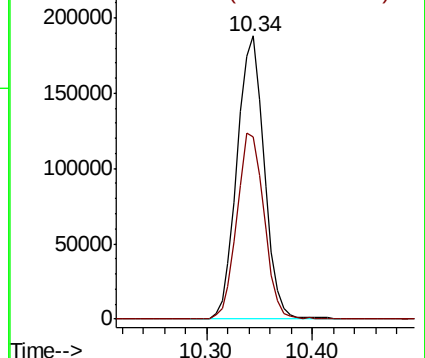
98 100

100 65.9 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: 52.629 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064753.D

Acq: 04 Jan 2020 01:35

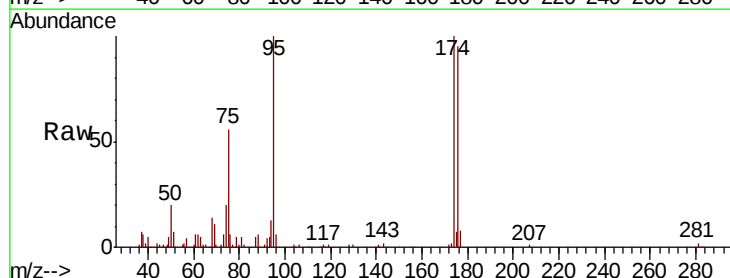
Tgt Ion: 95 Resp: 109898

Ion Ratio Lower Upper

95 100

174 95.4 0.0 193.2

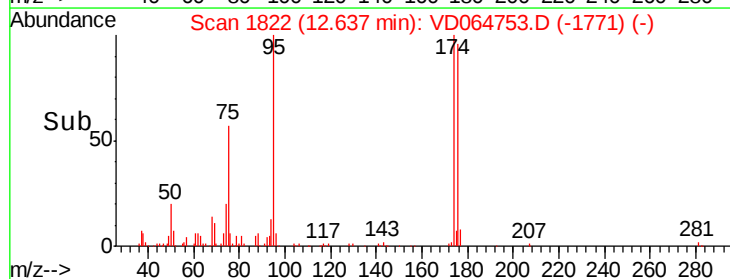
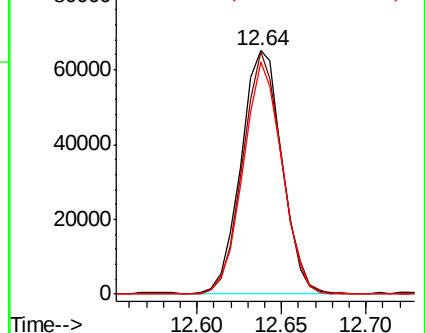
176 90.7 0.0 184.2

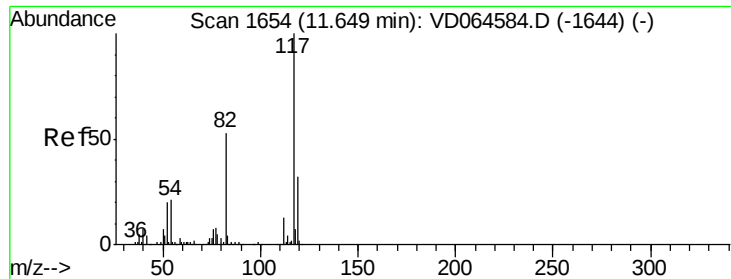


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

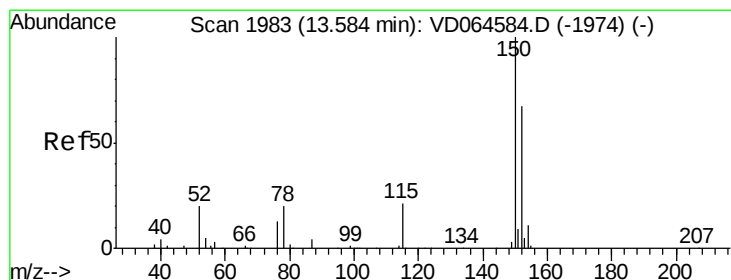
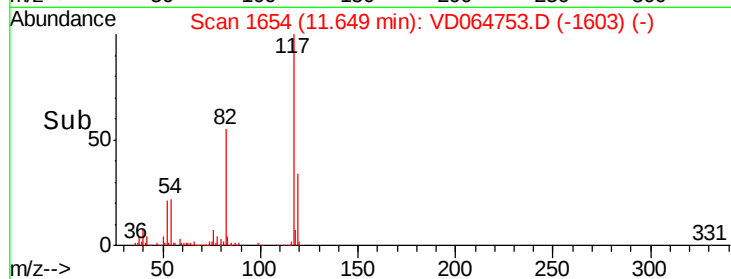
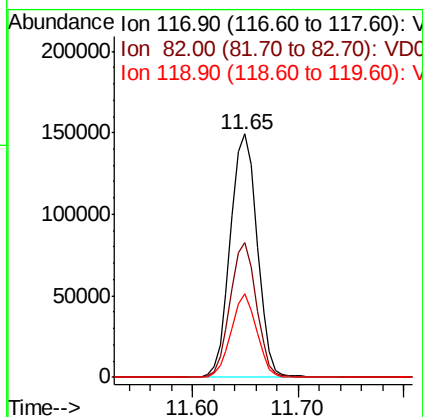
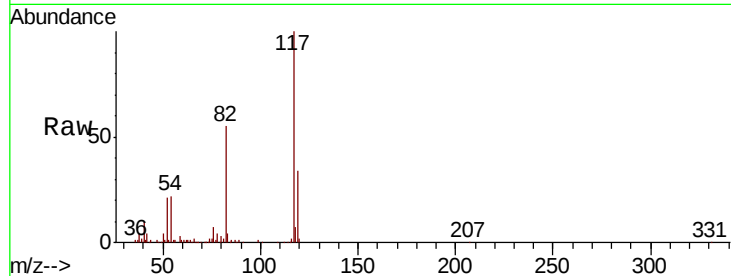




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064753.D
Acq: 04 Jan 2020 01:35

Instrument :
MSVOA_D
ClientSampleId :
GP-10-(10-12)RE

Tot Ion:117 Resp: 262870
Ion Ratio Lower Upper
117 100
82 55.3 42.2 63.4
119 34.5 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: VD064753.D
Acq: 04 Jan 2020 01:35

Tgt Ion:152 Resp: 127367
Ion Ratio Lower Upper
152 100
115 56.6 27.8 83.4
150 158.6 0.0 351.4

