

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122719\
 Data File : VD064644.D
 Acq On : 27 Dec 2019 14:54
 Operator : VA/SY
 Sample : K6431-04RE
 Misc : 5.33G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4-(5-6)RE

Quant Time: Dec 30 03:24:40 2019
 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

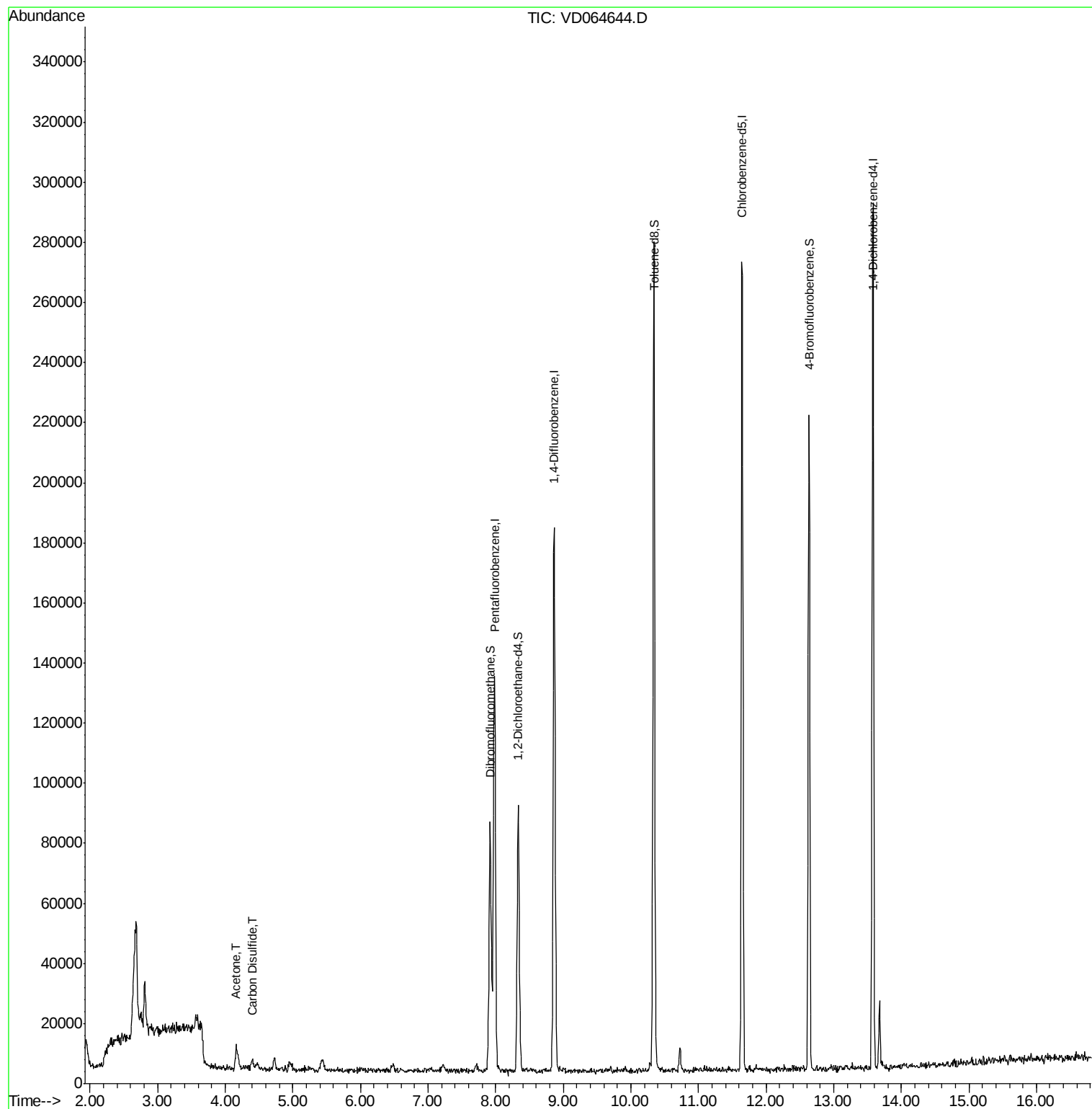
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	103637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	154390	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	153661	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	76028	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	67689	74.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	148.14%	
35) Dibromofluoromethane	7.92	113	55623	58.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.44%	
50) Toluene-d8	10.34	98	191871	52.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.78%	
62) 4-Bromofluorobenzene	12.64	95	65632	57.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.42%	
Target Compounds						
16) Acetone	4.16	43	12151	61.008	ug/l	99
17) Carbon Disulfide	4.39	76	6109	2.072	ug/l	100

(#) = 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: VD064644.D

Acq: 27 Dec 2019 14:54

Instrument :

MSVOA_D

ClientSampleId :

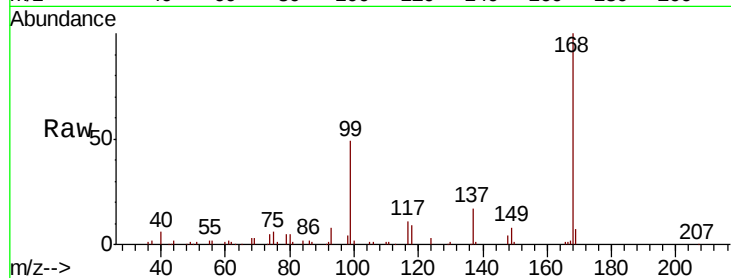
SB-4-(5-6)RE

Tot Ion:168 Resp: 103637

Ion Ratio Lower Upper

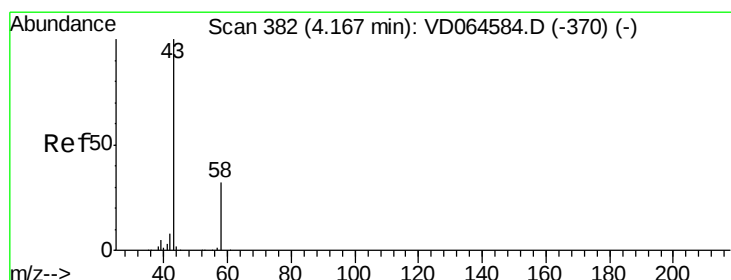
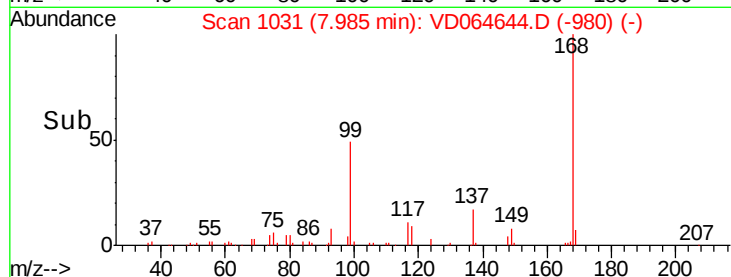
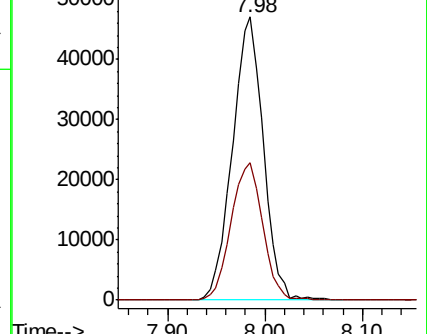
168 100

99 48.7 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 61.008 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064644.D

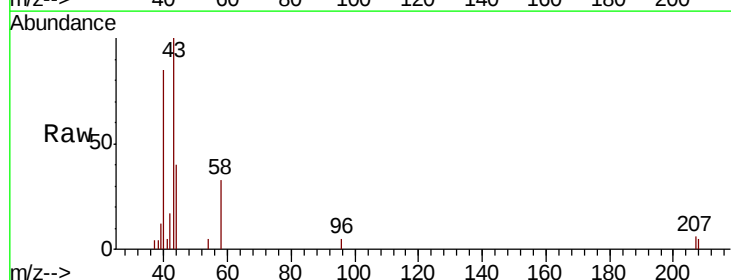
Acq: 27 Dec 2019 14:54

Tgt Ion: 43 Resp: 12151

Ion Ratio Lower Upper

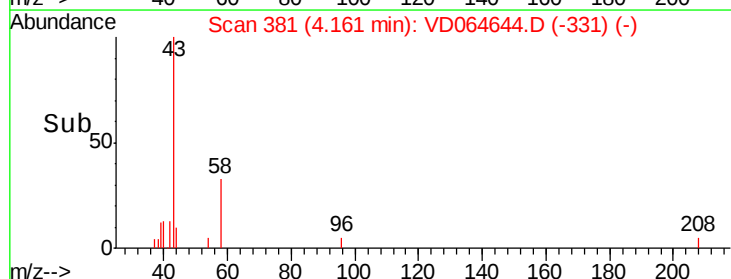
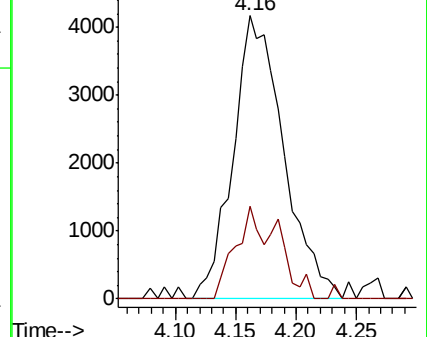
43 100

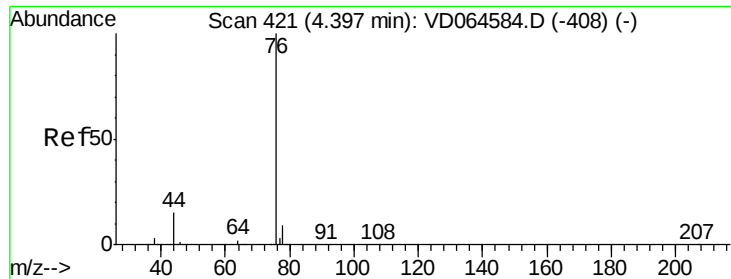
58 32.8 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

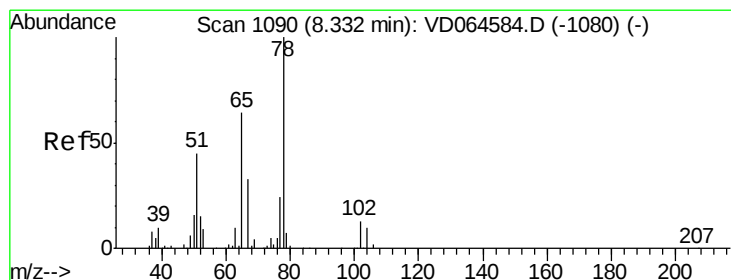
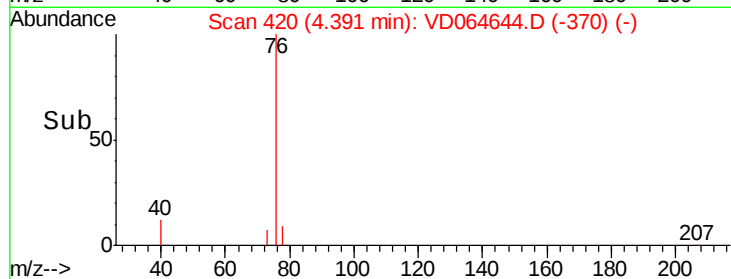
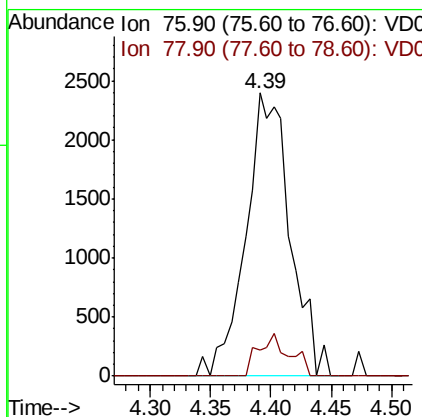
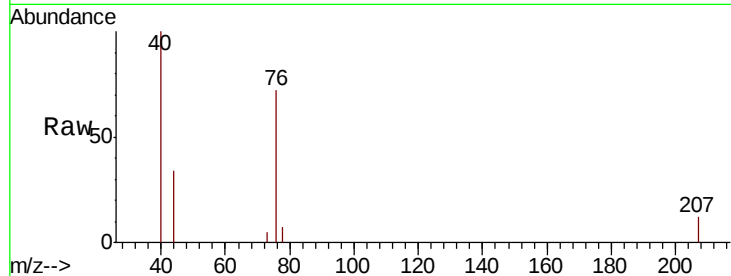




#17
Carbon Disulfide
Concen: 2.072 ug/l
RT: 4.39 min Scan# 420
Delta R.T. -0.01 min
Lab File: VD064644.D
Acq: 27 Dec 2019 14:54

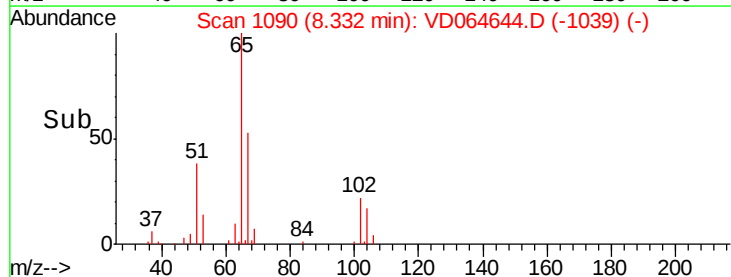
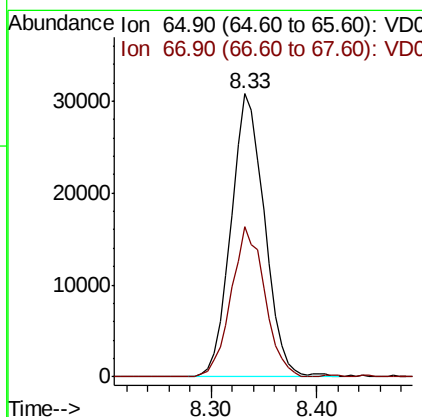
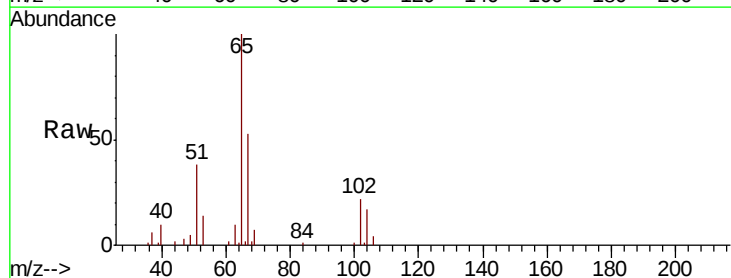
Instrument :
MSVOA_D
ClientSampleId :
SB-4-(5-6)RE

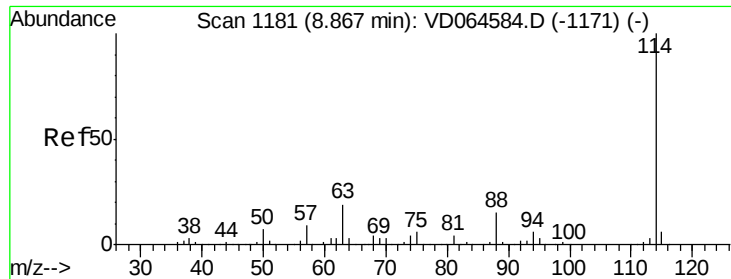
Tot Ion: 76 Resp: 6109
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#33
1,2-Dichloroethane-d4
Concen: 74.069 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD064644.D
Acq: 27 Dec 2019 14:54

Tgt Ion: 65 Resp: 67689
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.2

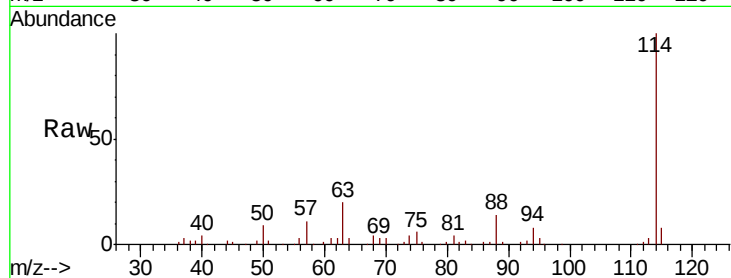




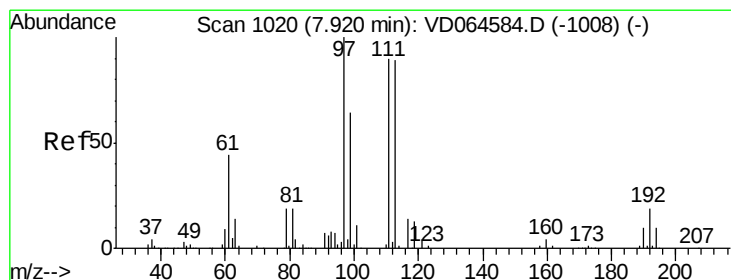
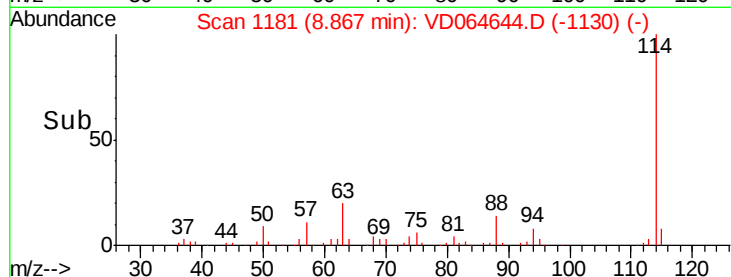
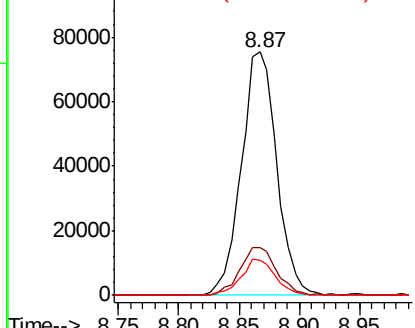
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064644.D
 Acq: 27 Dec 2019 14:54

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4-(5-6)RE

Tot Ion:114 Resp: 154390
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.0
 88 14.4 0.0 29.2

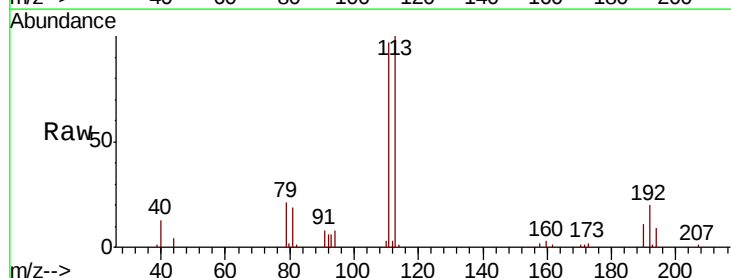


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

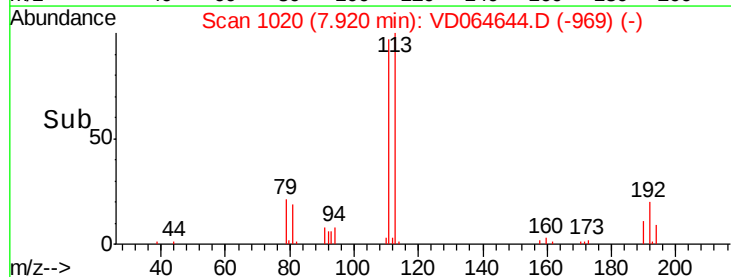
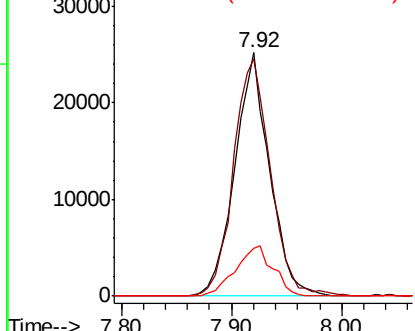


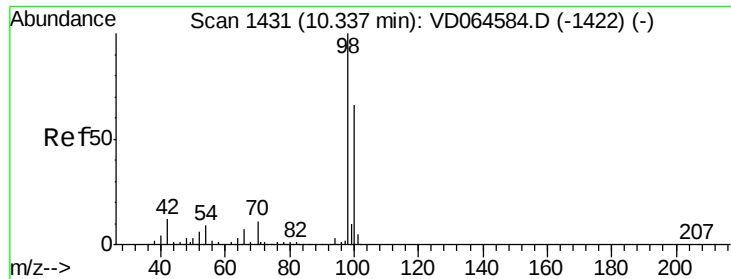
#35
 Dibromofluoromethane
 Concen: 58.723 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064644.D
 Acq: 27 Dec 2019 14:54

Tgt Ion:113 Resp: 55623
 Ion Ratio Lower Upper
 113 100
 111 103.8 80.6 121.0
 192 22.0 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: 52.890 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064644.D

Acq: 27 Dec 2019 14:54

Instrument :

MSVOA_D

ClientSampleId :

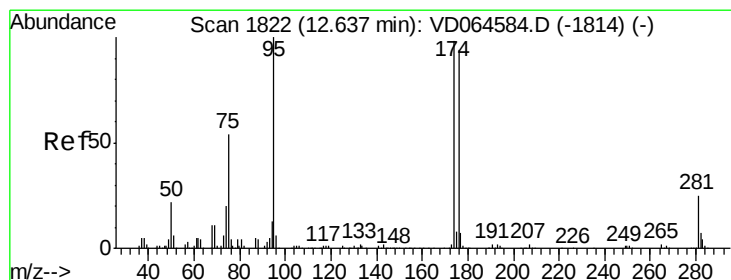
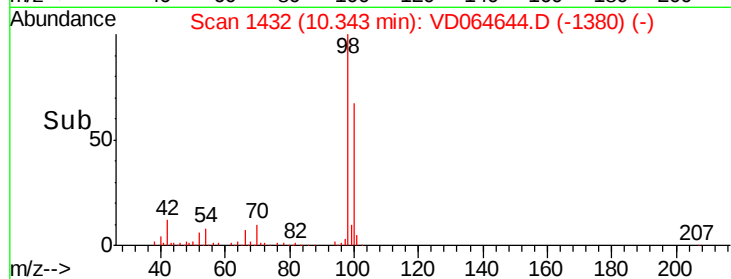
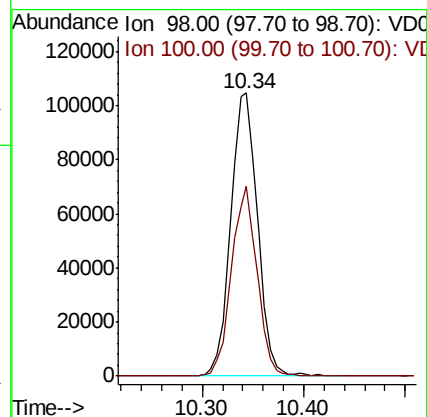
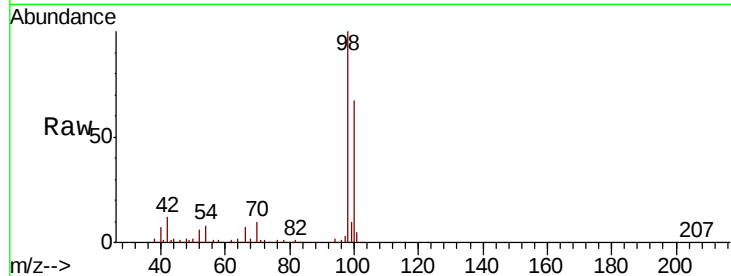
SB-4-(5-6)RE

Tot Ion: 98 Resp: 191871

Ion Ratio Lower Upper

98 100

100 64.1 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 57.215 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064644.D

Acq: 27 Dec 2019 14:54

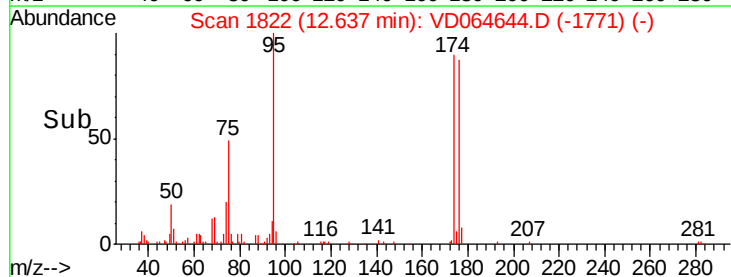
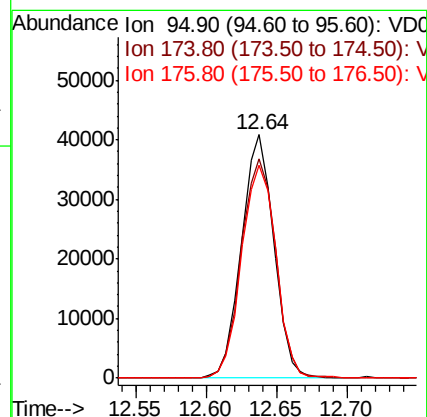
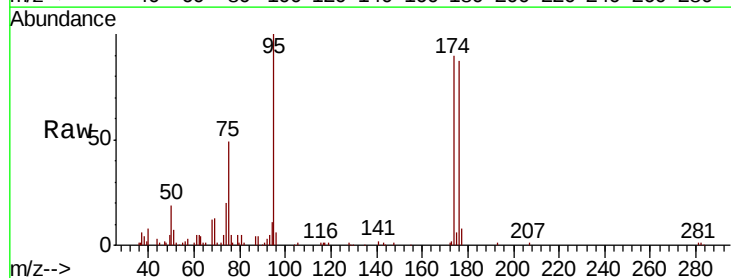
Tgt Ion: 95 Resp: 65632

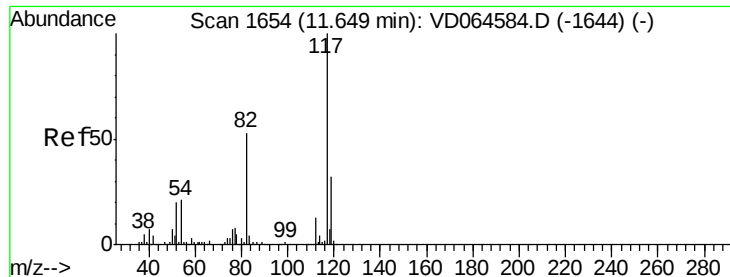
Ion Ratio Lower Upper

95 100

174 95.9 0.0 193.2

176 93.3 0.0 184.2

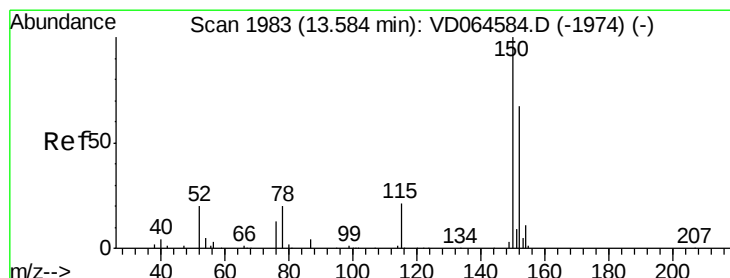
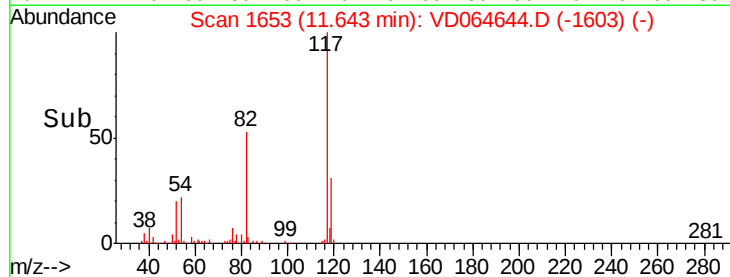
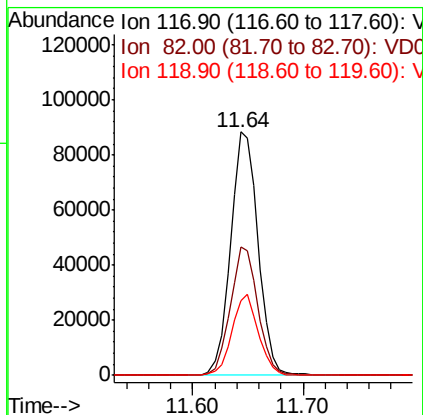
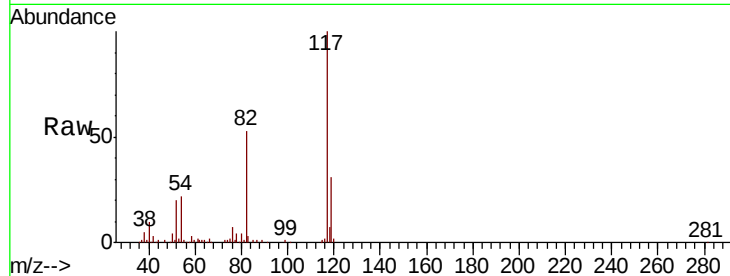




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VD064644.D
Acq: 27 Dec 2019 14:54

Instrument :
MSVOA_D
ClientSampleId :
SB-4-(5-6)RE

Tot Ion:117 Resp: 153661
Ion Ratio Lower Upper
117 100
82 52.8 42.2 63.4
119 30.8 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: VD064644.D
Acq: 27 Dec 2019 14:54

Tgt Ion:152 Resp: 76028
Ion Ratio Lower Upper
152 100
115 57.2 27.8 83.4
150 161.0 0.0 351.4

