

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122719\
 Data File : VD064645.D
 Acq On : 27 Dec 2019 15:23
 Operator : VA/SY
 Sample : K6431-06
 Misc : 5.33G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3-(0-2)

Quant Time: Dec 30 03:26:47 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

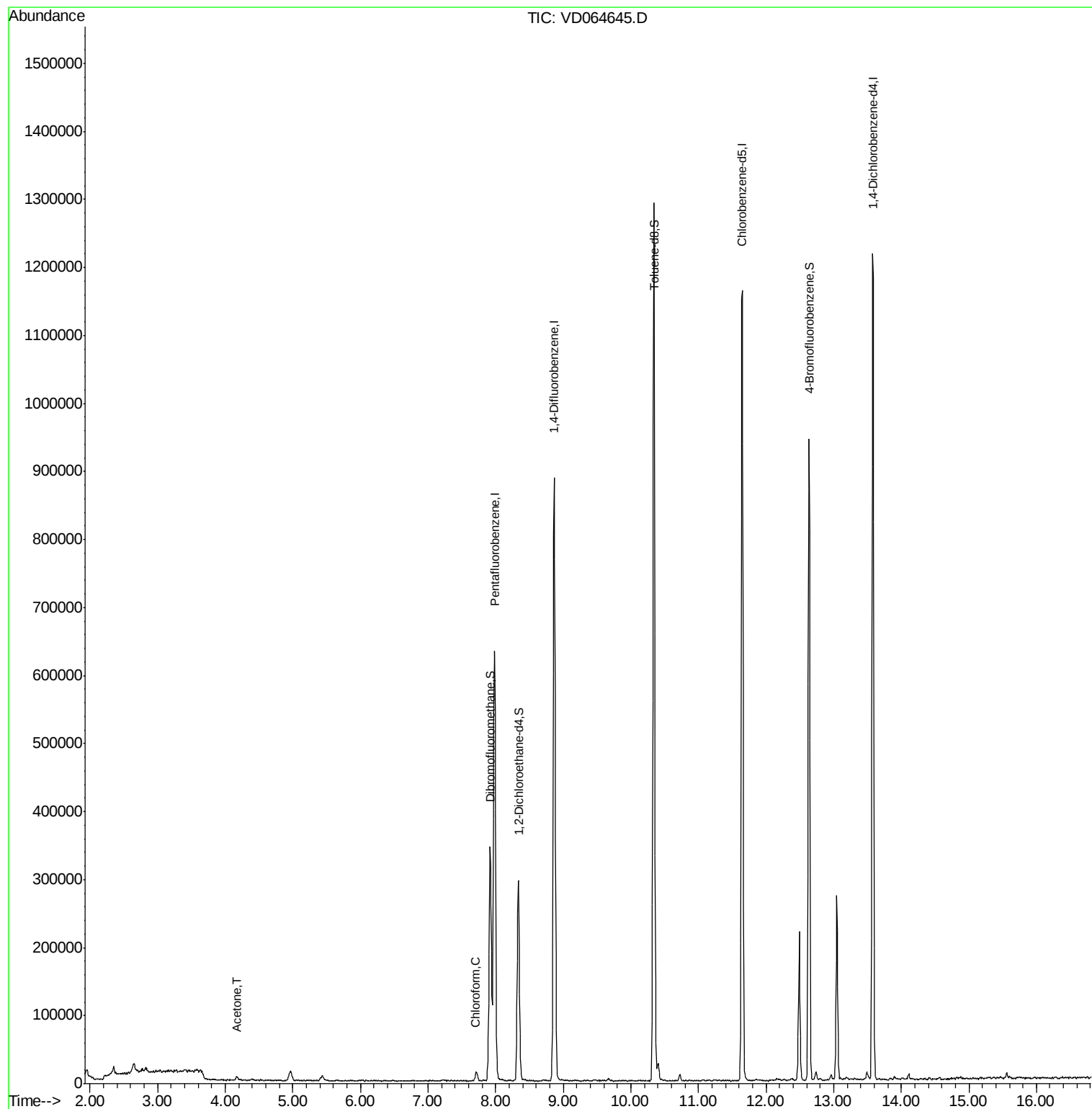
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	502719	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	754811	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	678576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	320433	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	238012	53.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.38%	
35) Dibromofluoromethane	7.92	113	239971	51.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.64%	
50) Toluene-d8	10.34	98	890792	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	
62) 4-Bromofluorobenzene	12.64	95	286862	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
Target Compounds						
16) Acetone	4.17	43	8652	12.356	ug/l	93
30) Chloroform	7.71	83	12117	1.399	ug/l	89

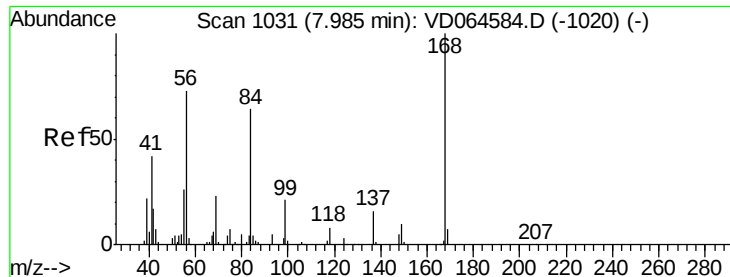
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 24 13:19:06 2019
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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: VD064645.D

Acq: 27 Dec 2019 15:23

Instrument :

MSVOA_D

ClientSampleId :

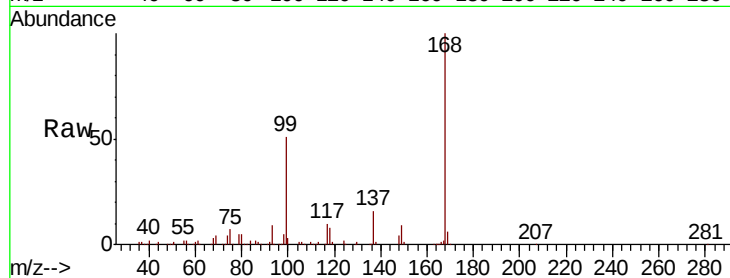
SB-3-(0-2)

Tot Ion:168 Resp: 502719

Ion Ratio Lower Upper

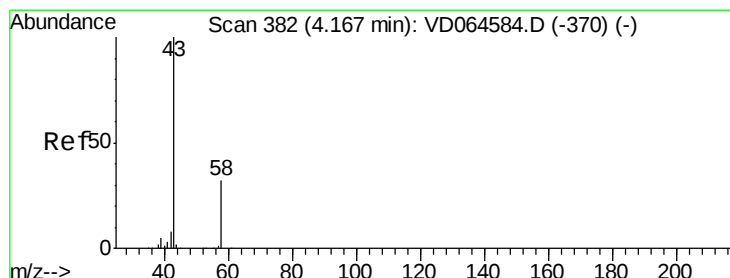
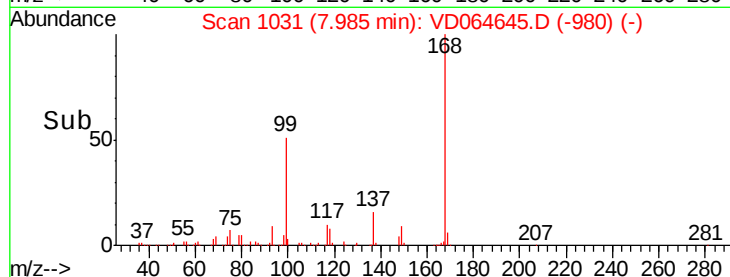
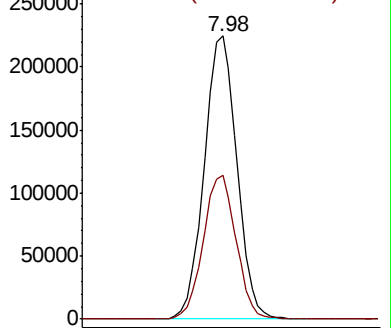
168 100

99 51.0 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: 12.356 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064645.D

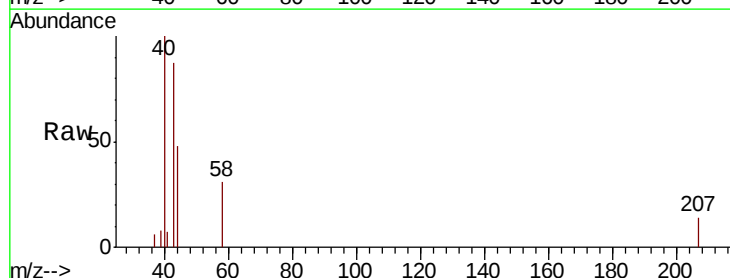
Acq: 27 Dec 2019 15:23

Tgt Ion: 43 Resp: 8652

Ion Ratio Lower Upper

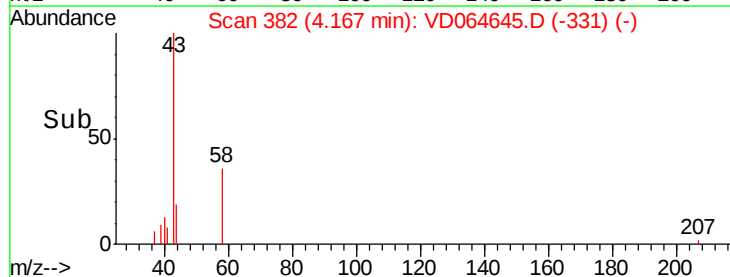
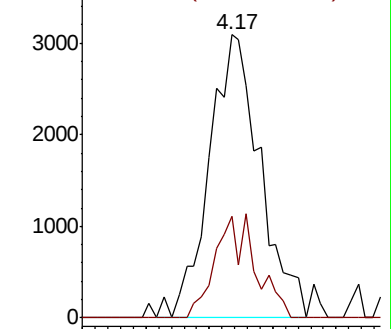
43 100

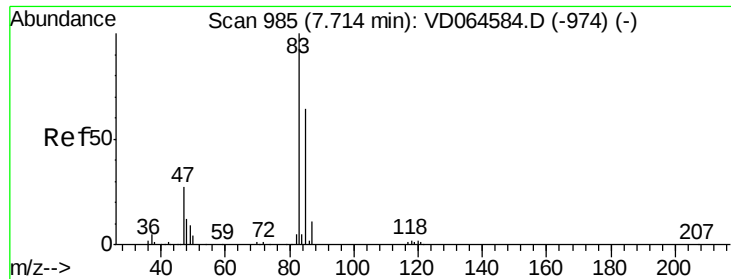
58 36.1 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

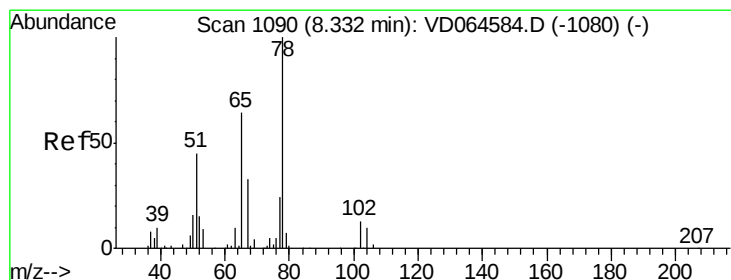
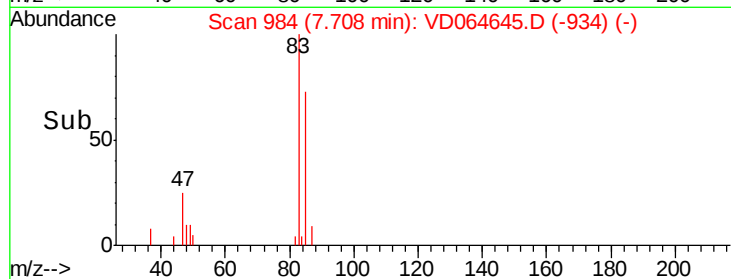
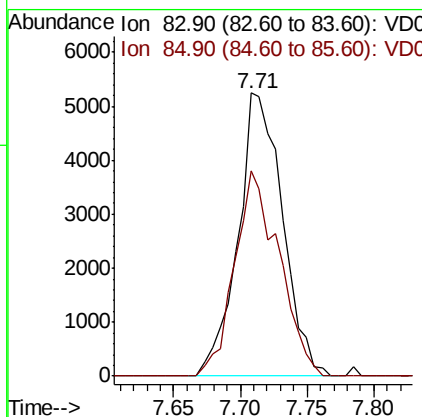
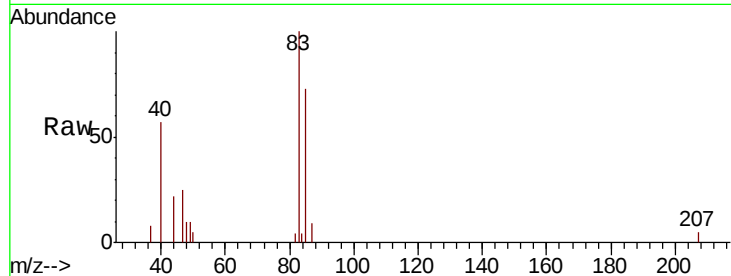




#30
Chloroform
Concen: 1.399 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD064645.D
Acq: 27 Dec 2019 15:23

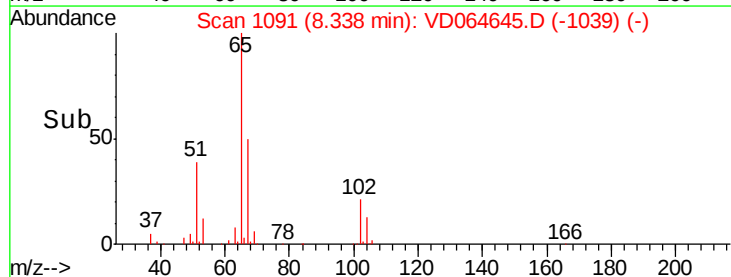
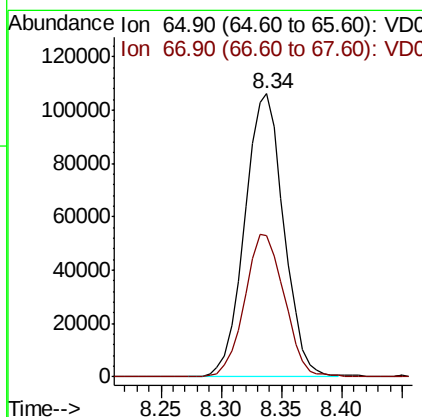
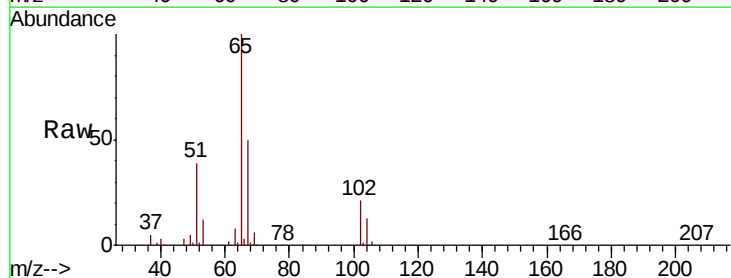
Instrument :
MSVOA_D
ClientSampleId :
SB-3-(0-2)

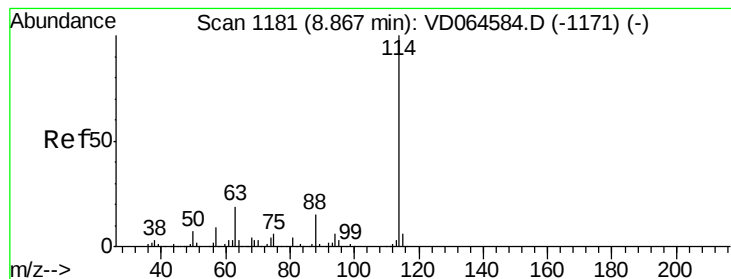
Tot Ion: 83 Resp: 12117
Ion Ratio Lower Upper
83 100
85 72.7 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 53.692 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD064645.D
Acq: 27 Dec 2019 15:23

Tgt Ion: 65 Resp: 238012
Ion Ratio Lower Upper
65 100
67 51.4 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: VD064645.D

Acq: 27 Dec 2019 15:23

Instrument :

MSVOA_D

ClientSampleId :

SB-3-(0-2)

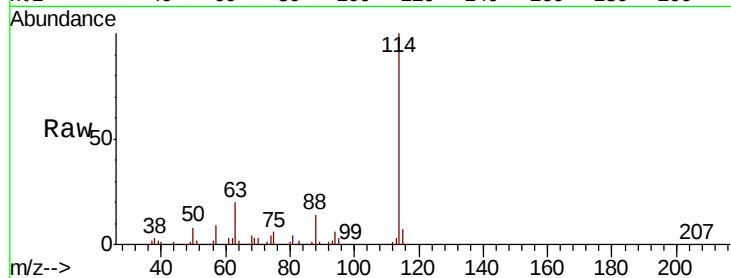
Tot Ion:114 Resp: 754811

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.0

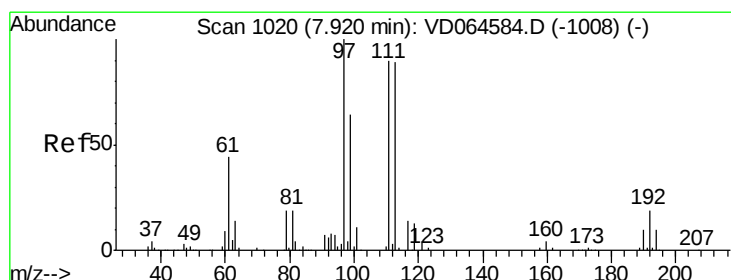
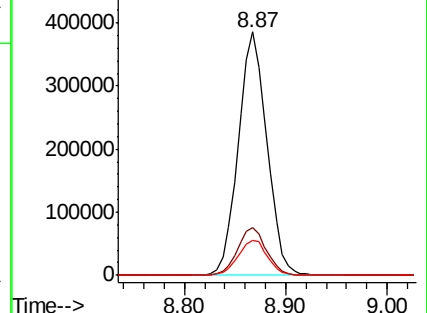
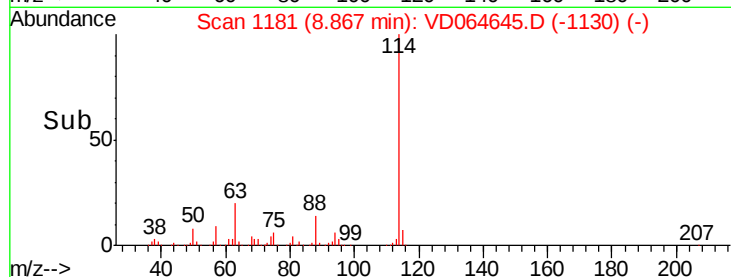
88 14.2 0.0 29.2



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: 51.820 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064645.D

Acq: 27 Dec 2019 15:23

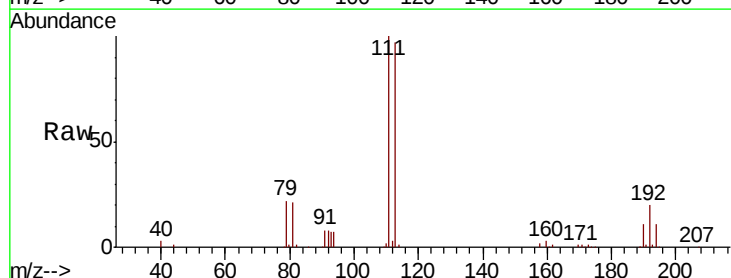
Tgt Ion:113 Resp: 239971

Ion Ratio Lower Upper

113 100

111 102.4 80.6 121.0

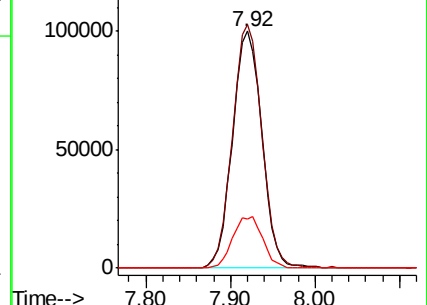
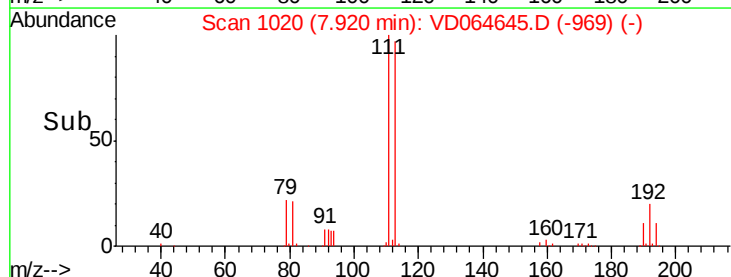
192 22.4 17.9 26.9

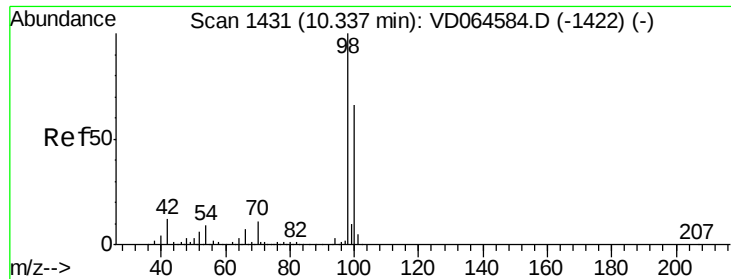


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.226 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064645.D

Acq: 27 Dec 2019 15:23

Instrument :

MSVOA_D

ClientSampleId :

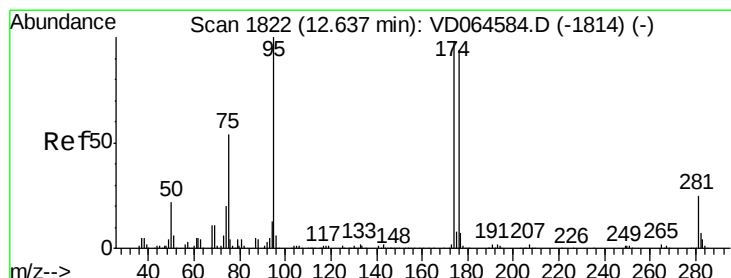
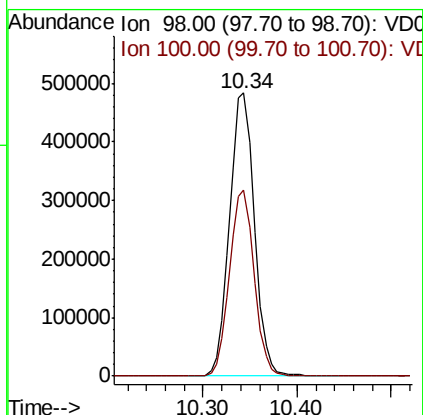
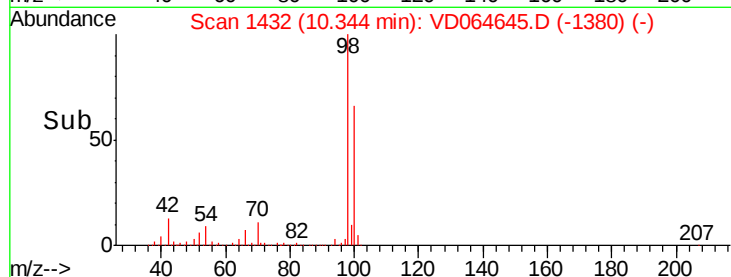
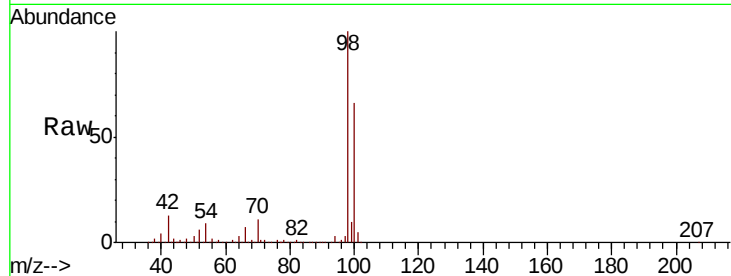
SB-3-(0-2)

Tot Ion: 98 Resp: 890792

Ion Ratio Lower Upper

98 100

100 65.2 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 51.150 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064645.D

Acq: 27 Dec 2019 15:23

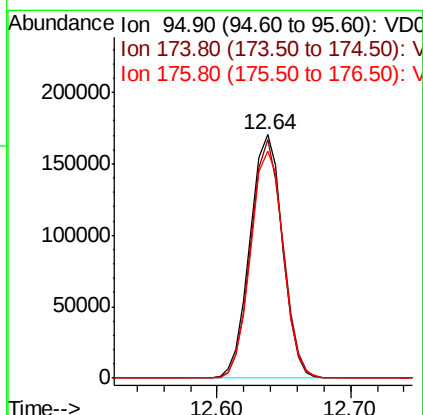
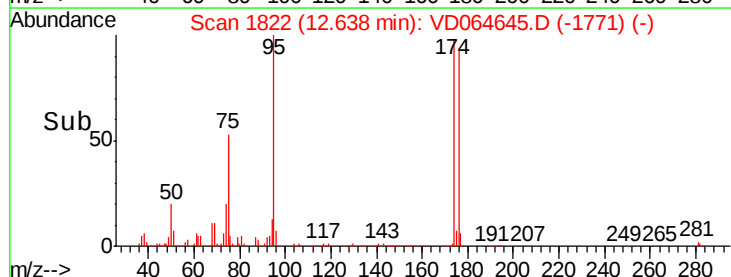
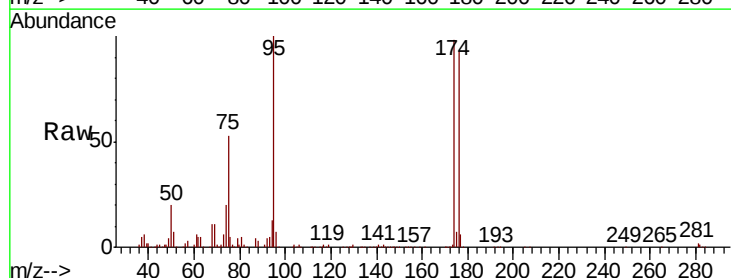
Tgt Ion: 95 Resp: 286862

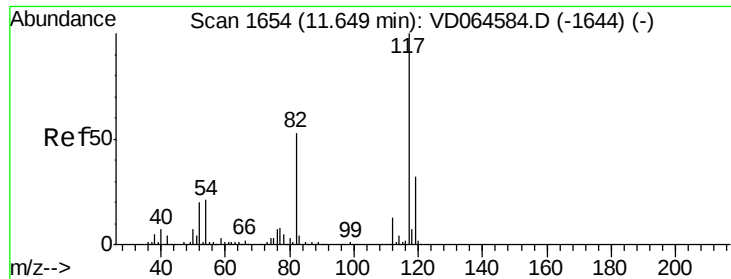
Ion Ratio Lower Upper

95 100

174 96.1 0.0 193.2

176 93.6 0.0 184.2

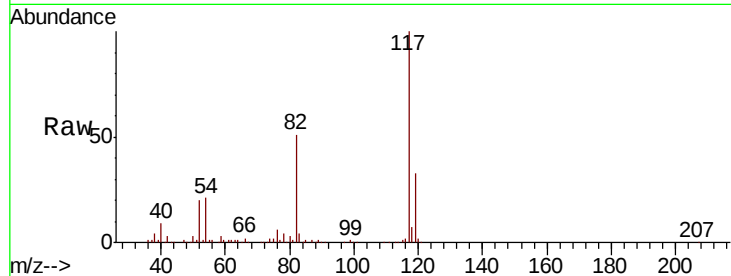




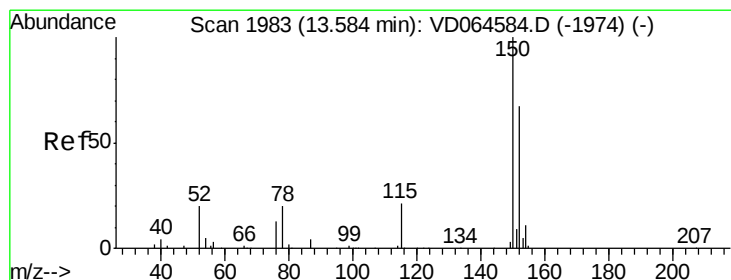
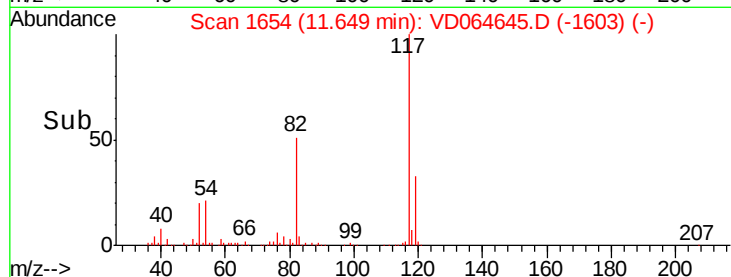
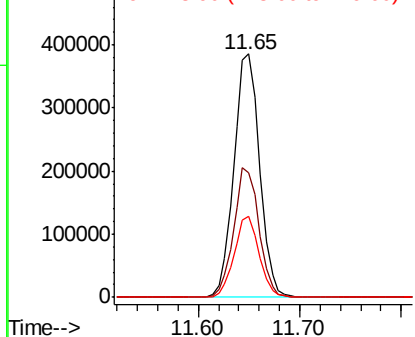
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064645.D
Acq: 27 Dec 2019 15:23

Instrument :
MSVOA_D
ClientSampleId :
SB-3-(0-2)

Tot Ion:117 Resp: 678576
Ion Ratio Lower Upper
117 100
82 51.2 42.2 63.4
119 33.4 26.0 39.0

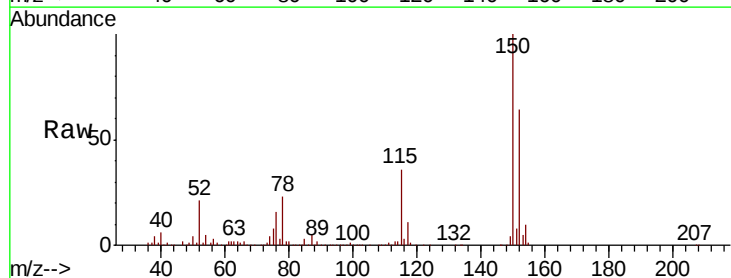


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD064645.D
Acq: 27 Dec 2019 15:23

Tgt Ion:152 Resp: 320433
Ion Ratio Lower Upper
152 100
115 56.5 27.8 83.4
150 159.2 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

