

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012020\
 Data File : VD064887.D
 Acq On : 20 Jan 2020 13:40
 Operator : VA/SY
 Sample : L1176-02
 Misc : 4.91G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP-2

Quant Time: Jan 21 09:12:23 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

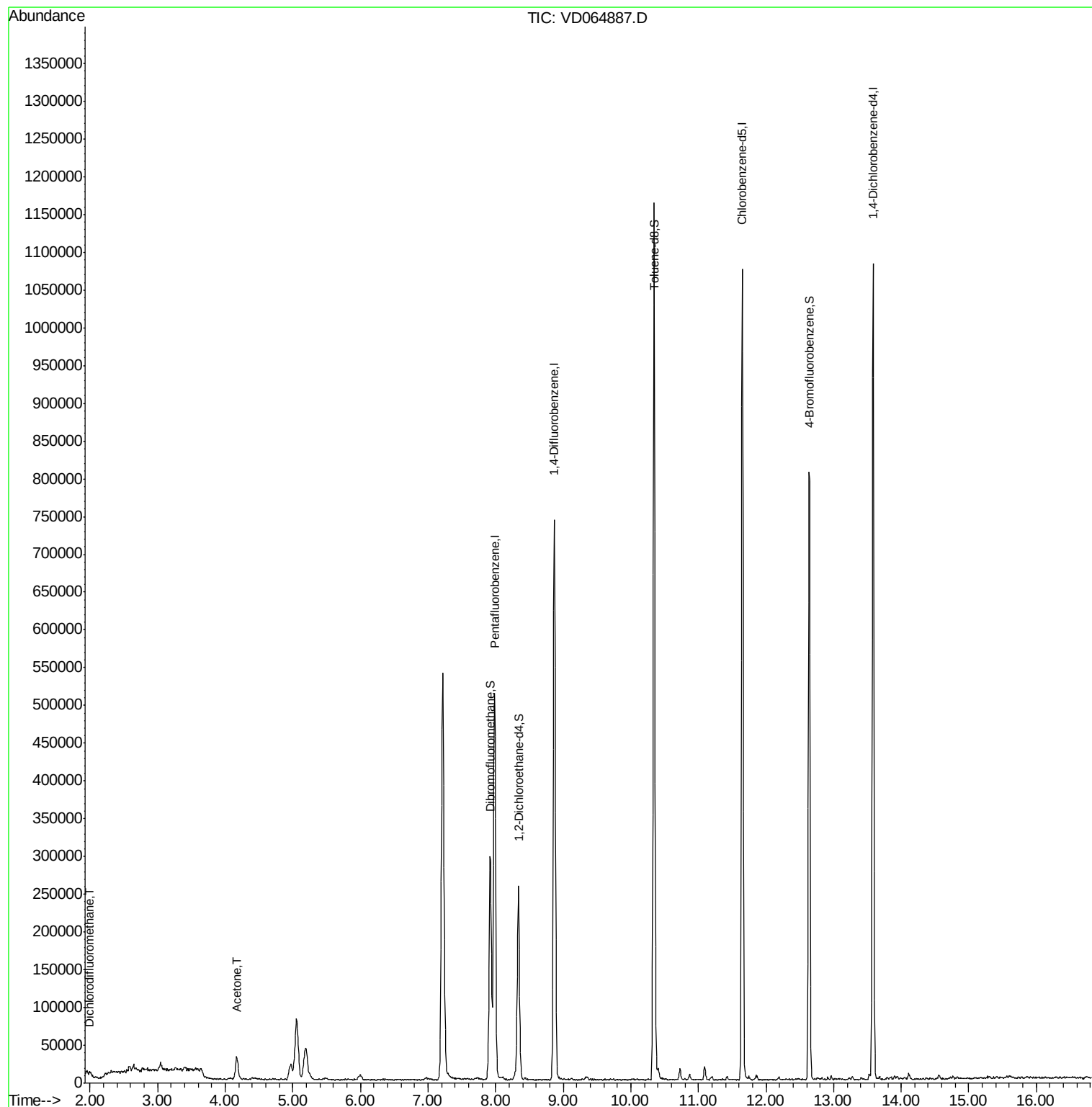
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	394512	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	633583	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	599033	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	286821	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	200021	57.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.00%	
35) Dibromofluoromethane	7.92	113	206649	53.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.32%	
50) Toluene-d8	10.34	98	777500	52.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.46%	
62) 4-Bromofluorobenzene	12.64	95	244229	51.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.76%	
Target Compounds						
2) Dichlorodifluoromethane	1.99	85	3831	1.250	ug/l	84
16) Acetone	4.17	43	52791	69.279	ug/l	91

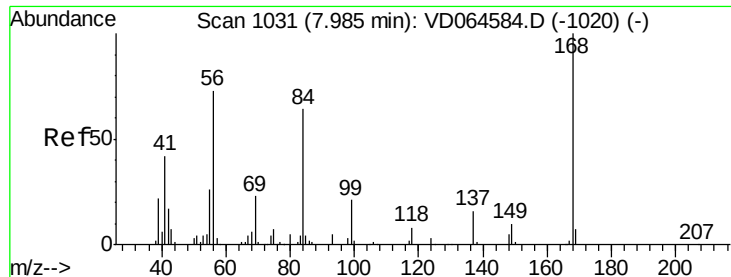
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064887.D

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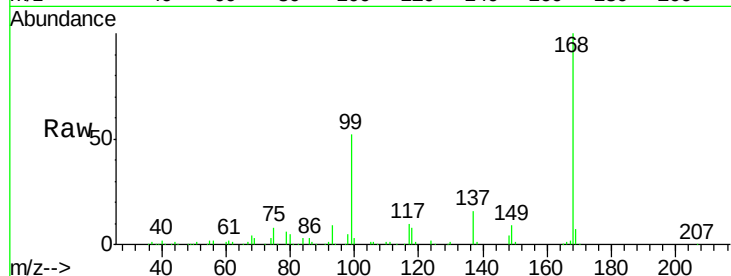
Instrument :
MSVOA_D
ClientSampled :
EP-2

Tot Ion:168 Resp: 394512

Ion Ratio Lower Upper

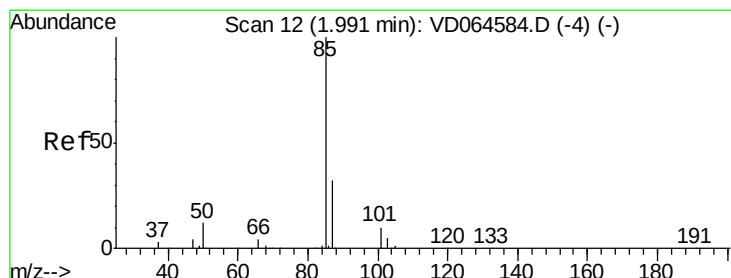
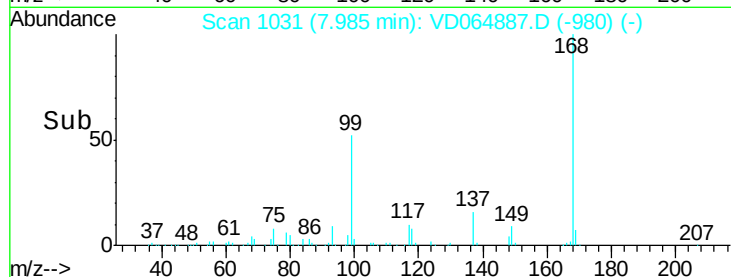
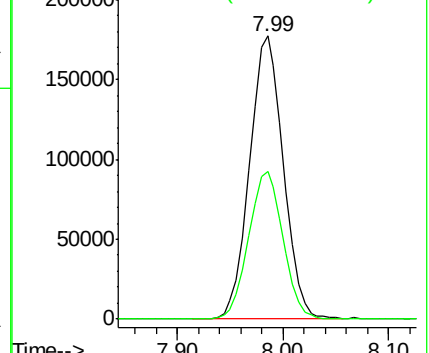
168 100

99 52.3 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 1.250 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD064887.D

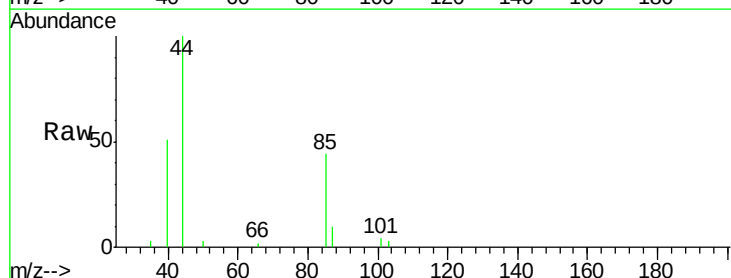
Acq: 20 Jan 2020 13:40

Tgt Ion: 85 Resp: 3831

Ion Ratio Lower Upper

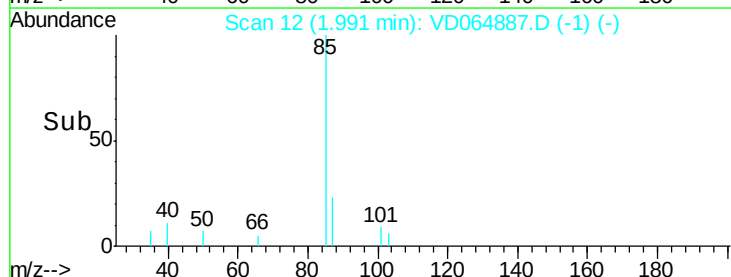
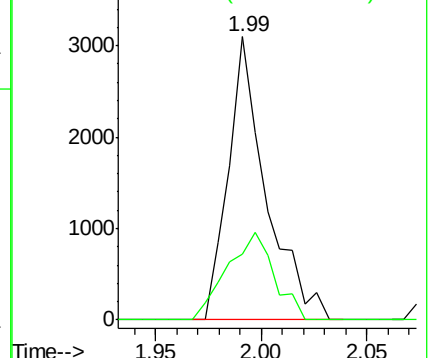
85 100

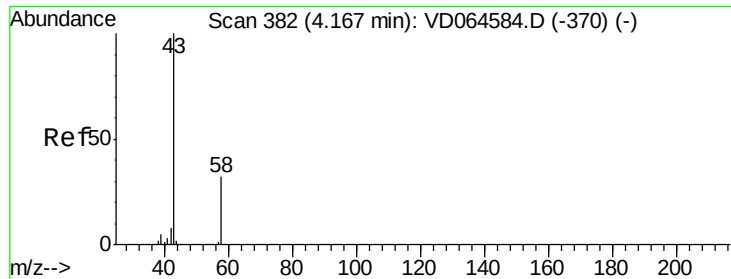
87 23.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

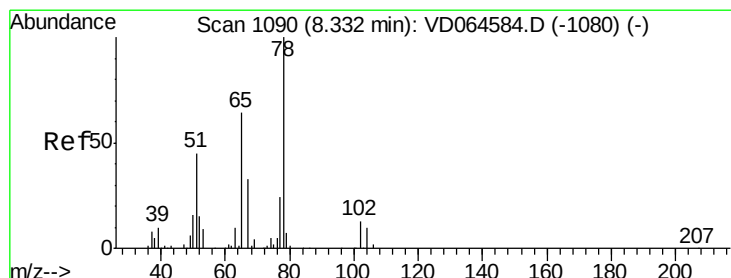
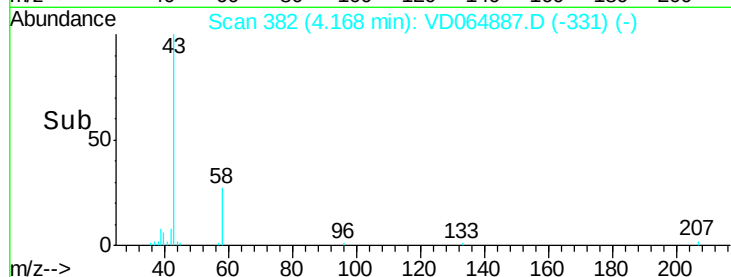
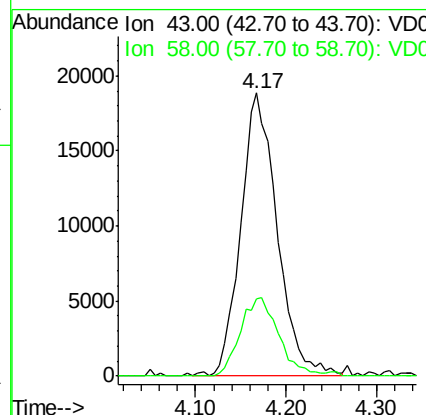
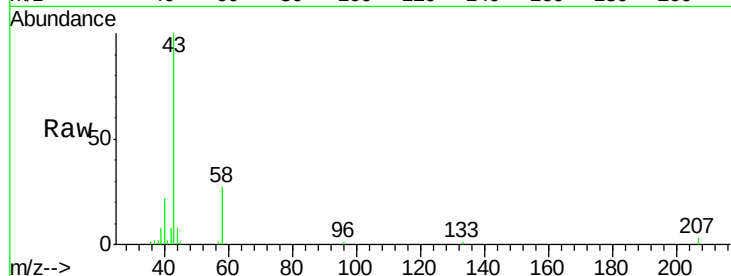




#16
Acetone
Concen: 69.279 ug/l
RT: 4.17 min Scan# 382
Delta R.T. 0.00 min
Lab File: VD064887.D
Acq: 20 Jan 2020 13:40

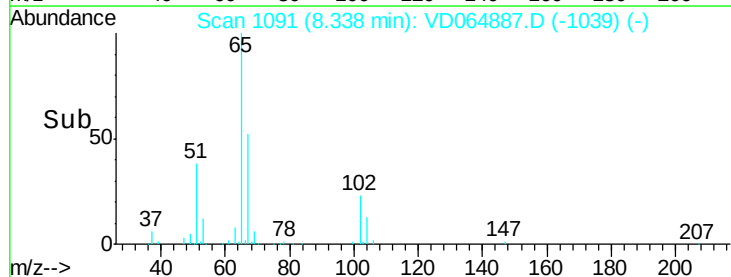
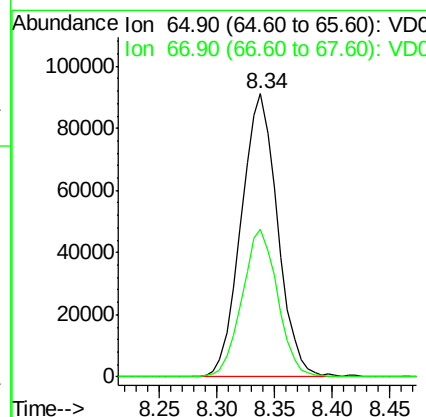
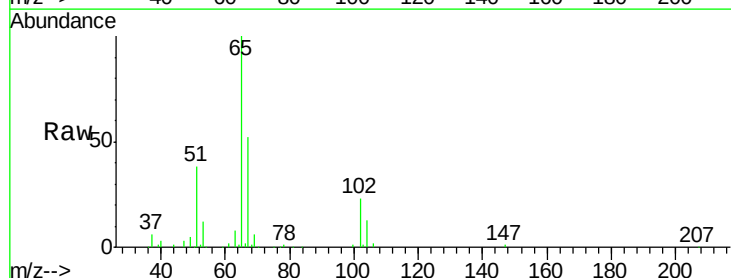
Instrument :
MSVOA_D
ClientSampled :
EP-2

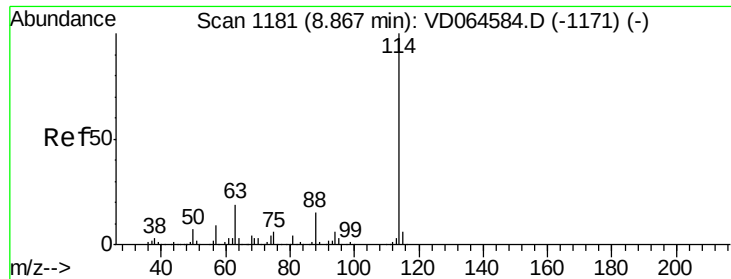
Tot Ion: 43 Resp: 52791
Ion Ratio Lower Upper
43 100
58 27.4 25.8 38.6



#33
1,2-Dichloroethane-d4
Concen: 57.498 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD064887.D
Acq: 20 Jan 2020 13:40

Tgt Ion: 65 Resp: 200021
Ion Ratio Lower Upper
65 100
67 50.9 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: VD064887.D

Acq: 20 Jan 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

EP-2

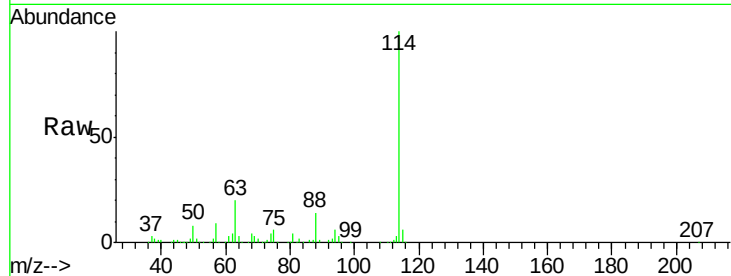
Tot Ion:114 Resp: 633583

Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.0

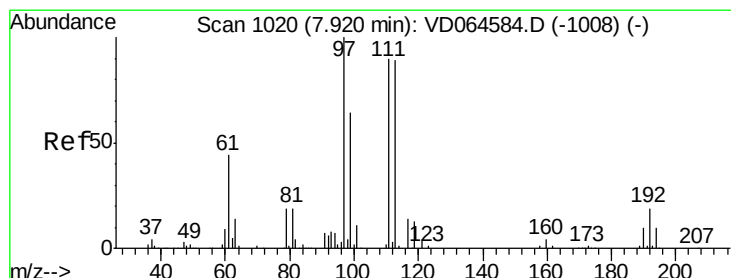
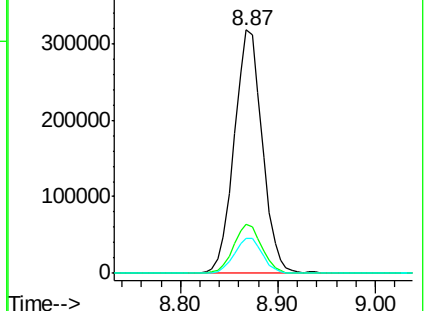
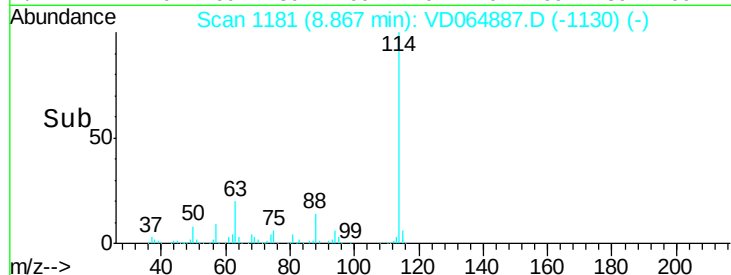
88 14.3 0.0 29.2



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: 53.162 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064887.D

Acq: 20 Jan 2020 13:40

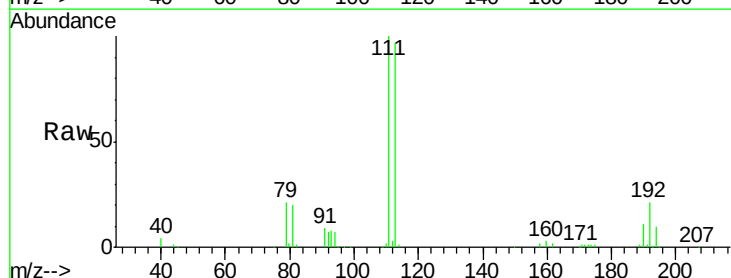
Tgt Ion:113 Resp: 206649

Ion Ratio Lower Upper

113 100

111 101.7 80.6 121.0

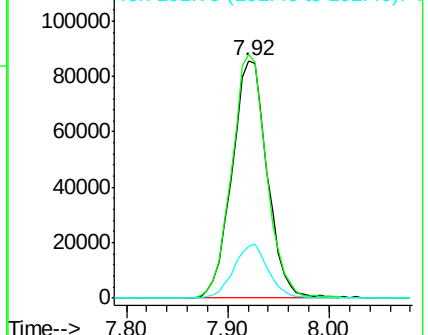
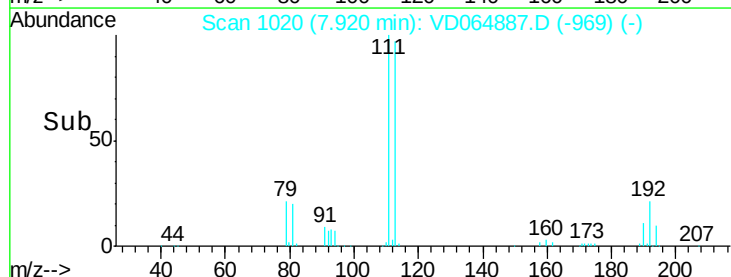
192 22.0 17.9 26.9

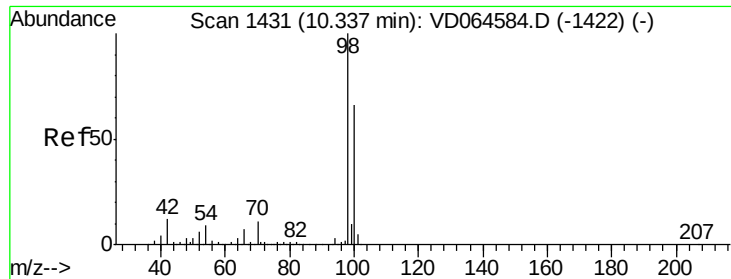


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

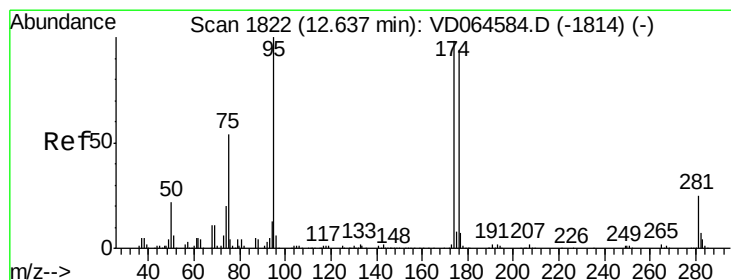
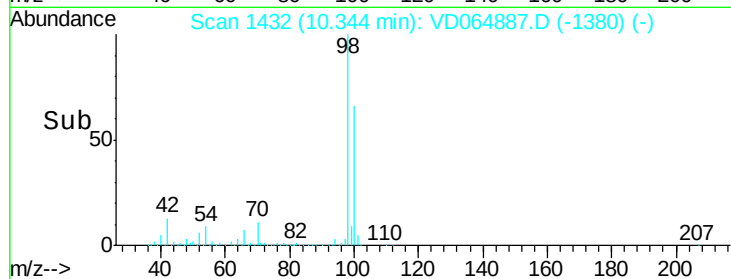
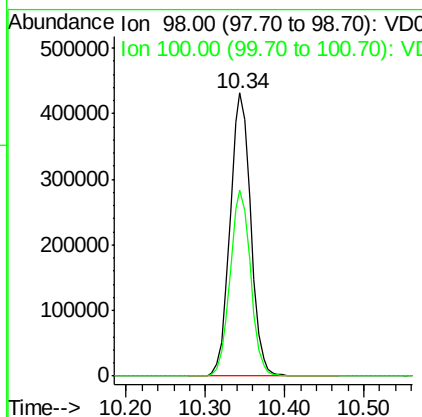
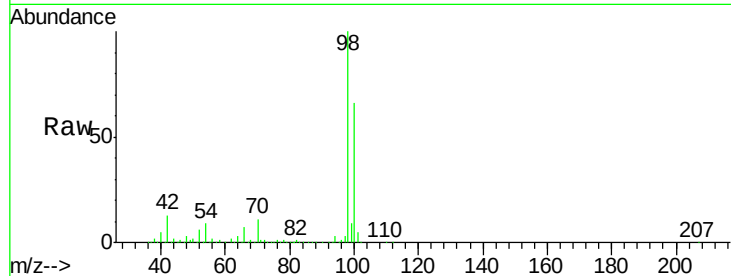




#50
Toluene-d8
Concen: 52.226 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064887.D
Acq: 20 Jan 2020 13:40

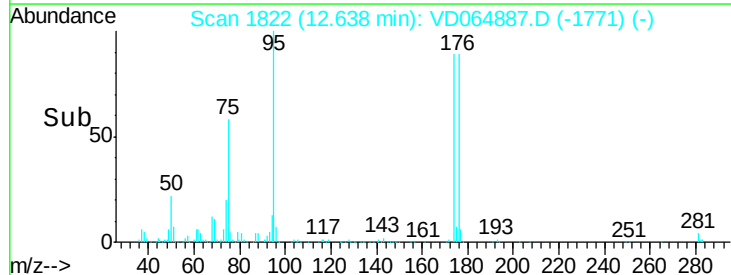
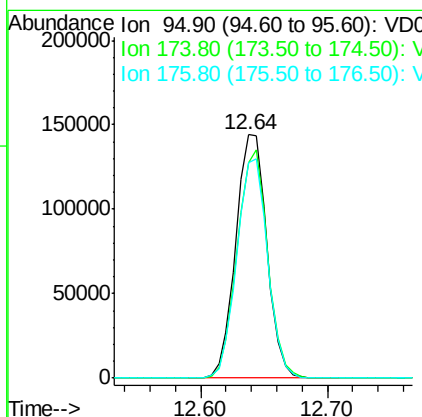
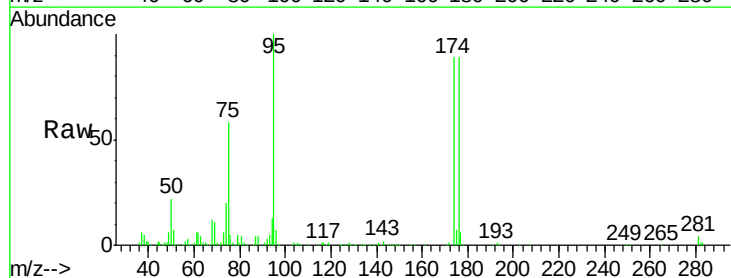
Instrument :
MSVOA_D
ClientSampleId :
EP-2

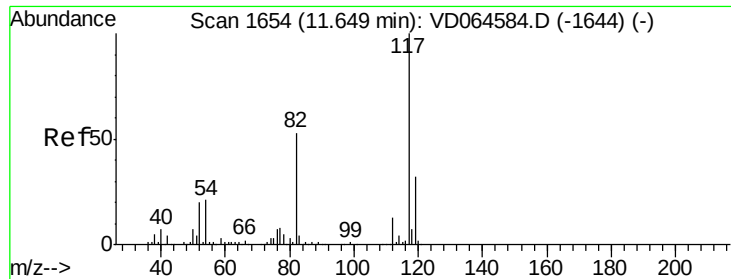
Tot Ion: 98 Resp: 777500
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 51.880 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064887.D
Acq: 20 Jan 2020 13:40

Tgt Ion: 95 Resp: 244229
Ion Ratio Lower Upper
95 100
174 92.0 0.0 193.2
176 89.5 0.0 184.2

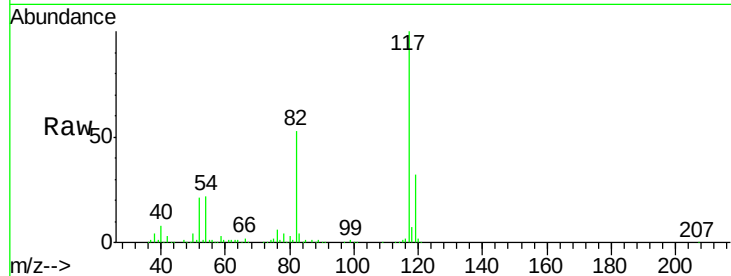




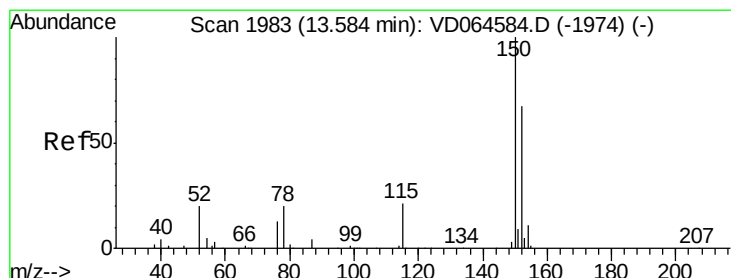
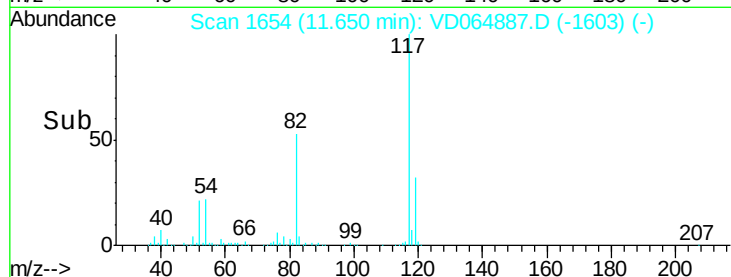
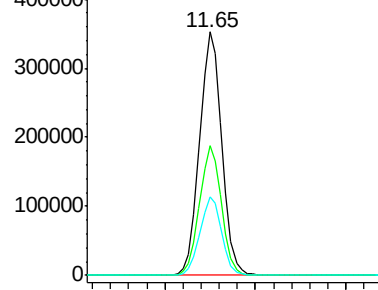
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064887.D
Acq: 20 Jan 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
EP-2

Tot Ion:117 Resp: 599033
Ion Ratio Lower Upper
117 100
82 53.1 42.2 63.4
119 32.3 26.0 39.0

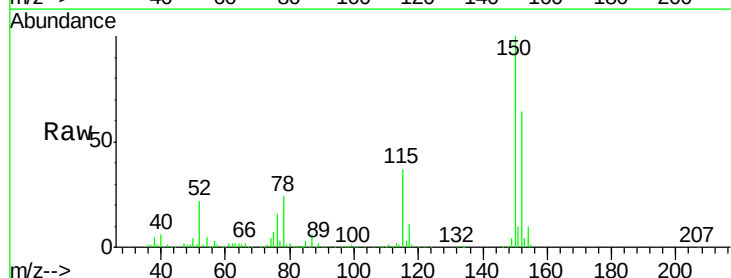


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064887.D
Acq: 20 Jan 2020 13:40

Tgt Ion:152 Resp: 286821
Ion Ratio Lower Upper
152 100
115 55.2 27.8 83.4
150 153.5 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

