

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120519\
 Data File : VD064443.D
 Acq On : 05 Dec 2019 18:28
 Operator : VA/SY
 Sample : K6177-02
 Misc : 3.56G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP-2

Quant Time: Dec 06 06:51:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

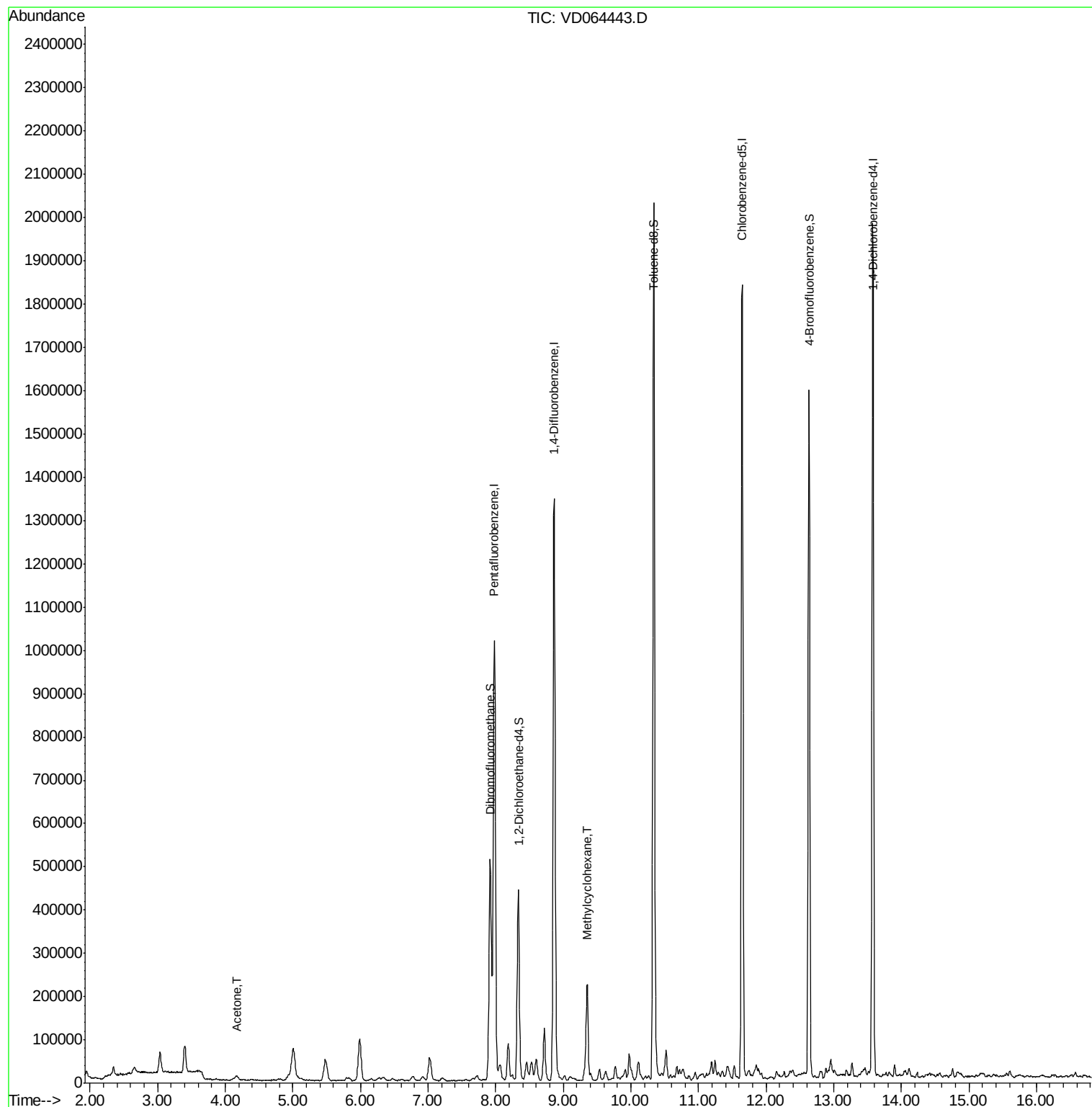
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	786544	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1165218	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1082144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	536258	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	352148	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
35) Dibromofluoromethane	7.92	113	354258	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
50) Toluene-d8	10.34	98	1371750	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.20%	
62) 4-Bromofluorobenzene	12.64	95	478177	53.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.60%	
Target Compounds						
16) Acetone	4.17	43	19759	13.734	ug/l	97
39) Methylcyclohexane	9.35	83	93974	6.874	ug/l	100

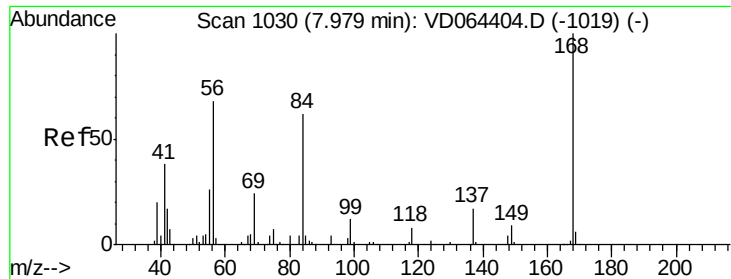
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 29 07:18:03 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD064443.D

Acq: 05 Dec 2019 18:28

Instrument :

MSVOA_D

ClientSampled :

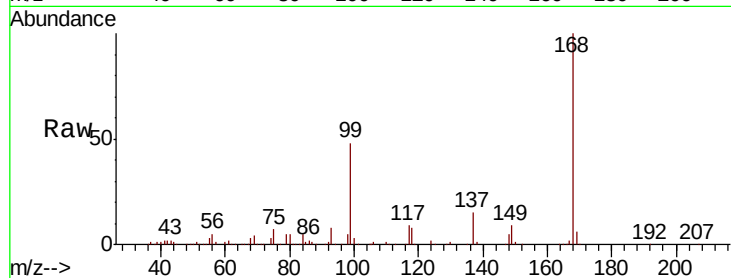
EP-2

Tot Ion:168 Resp: 786544

Ion Ratio Lower Upper

168 100

99 48.0 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

400000

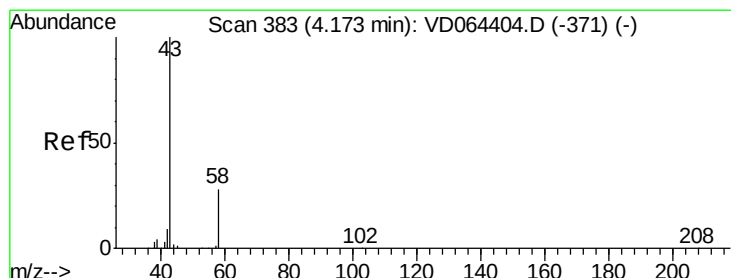
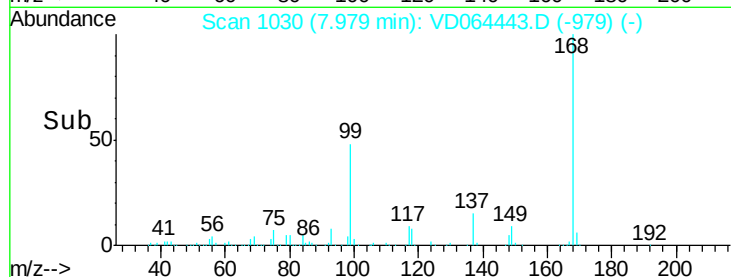
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 13.734 ug/l

RT: 4.17 min Scan# 383

Delta R.T. -0.00 min

Lab File: VD064443.D

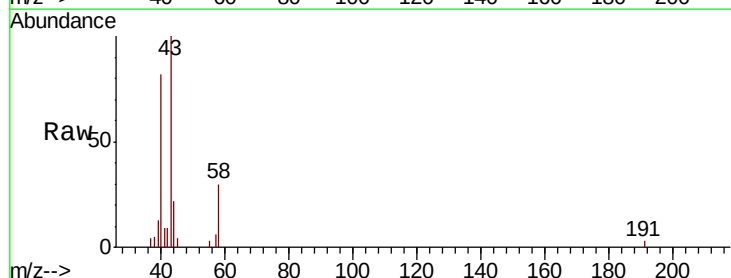
Acq: 05 Dec 2019 18:28

Tgt Ion: 43 Resp: 19759

Ion Ratio Lower Upper

43 100

58 29.8 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

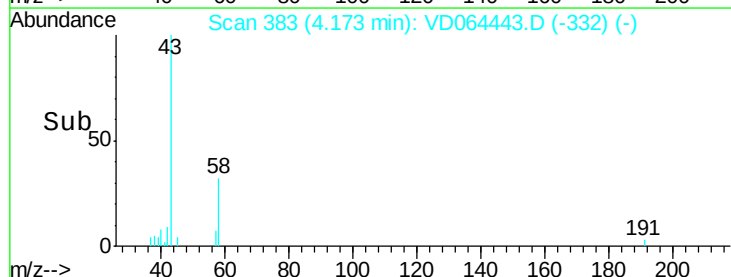
6000

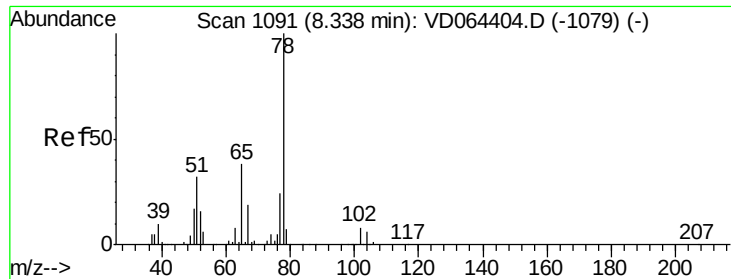
4000

2000

0

Time-->

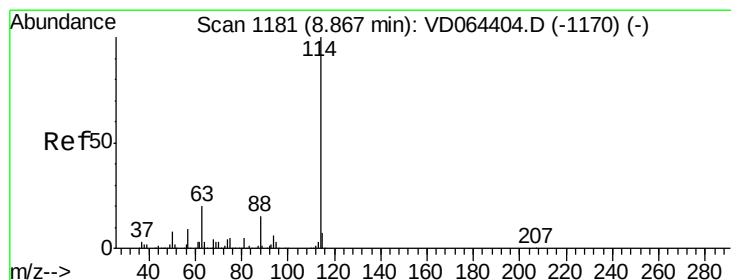
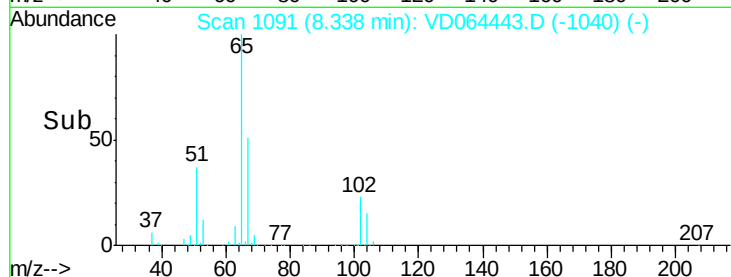
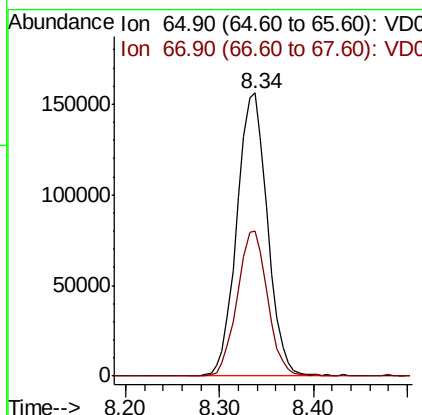
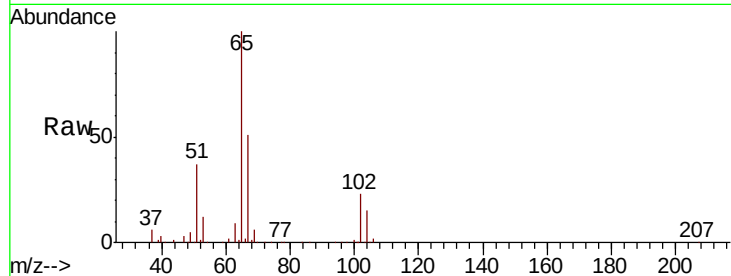




#33
 1,2-Dichloroethane-d4
 Concen: 49.463 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD064443.D
 Acq: 05 Dec 2019 18:28

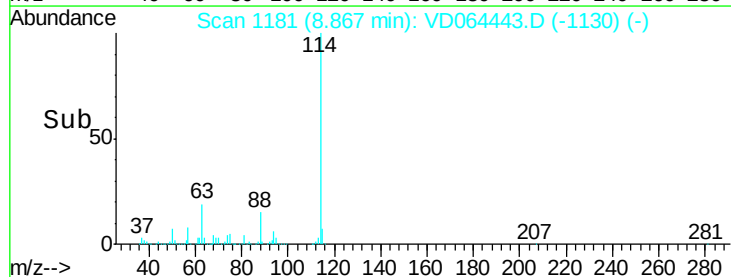
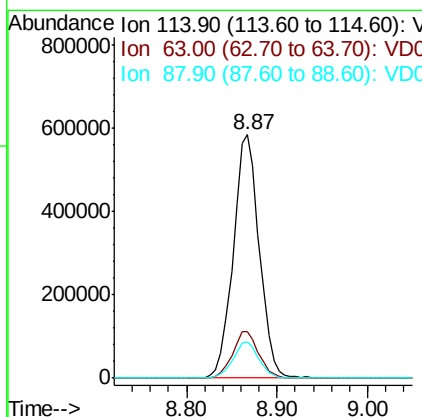
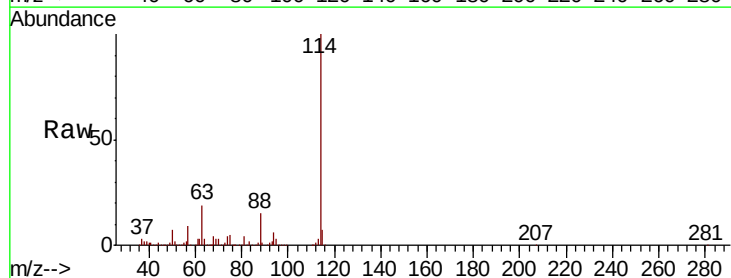
Instrument :
 MSVOA_D
 ClientSampleId :
 EP-2

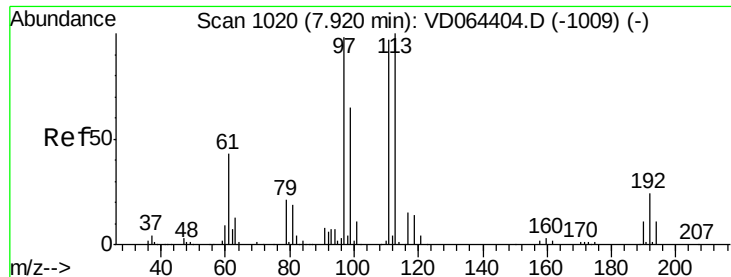
Tot Ion: 65 Resp: 352148
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064443.D
 Acq: 05 Dec 2019 18:28

Tgt Ion: 114 Resp: 1165218
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 40.0
 88 15.1 0.0 29.2

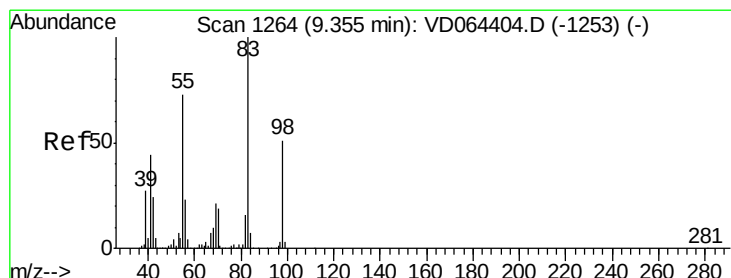
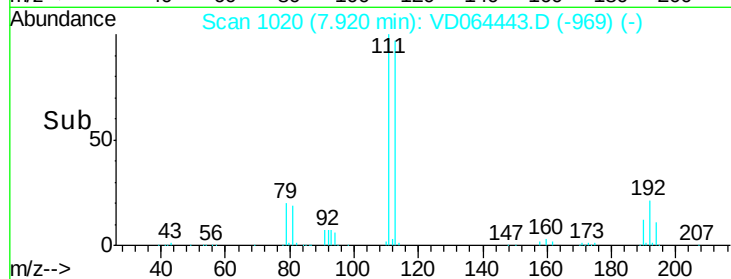
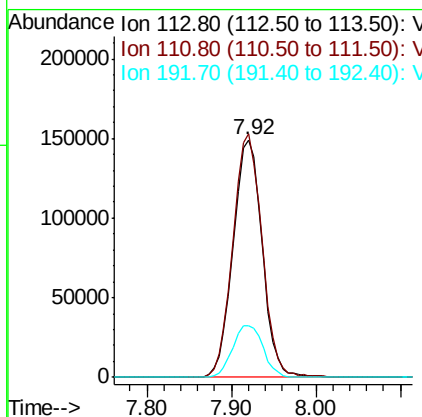
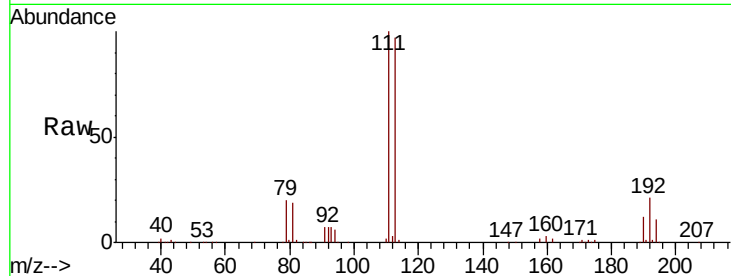




#35
 Dibromofluoromethane
 Concen: 48.254 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064443.D
 Acq: 05 Dec 2019 18:28

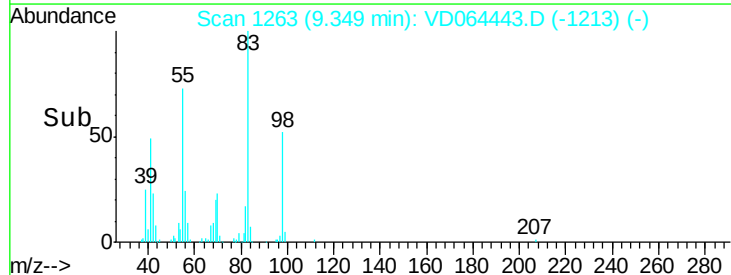
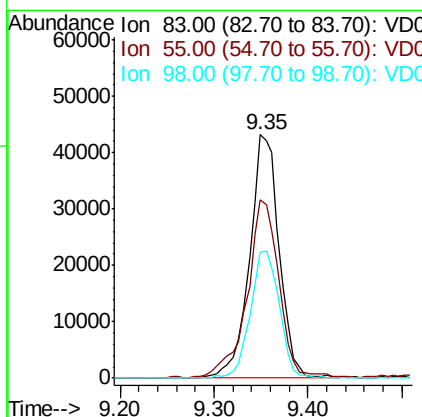
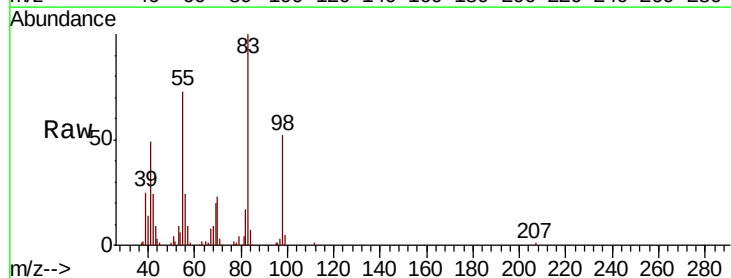
Instrument :
 MSVOA_D
 ClientSampleId :
 EP-2

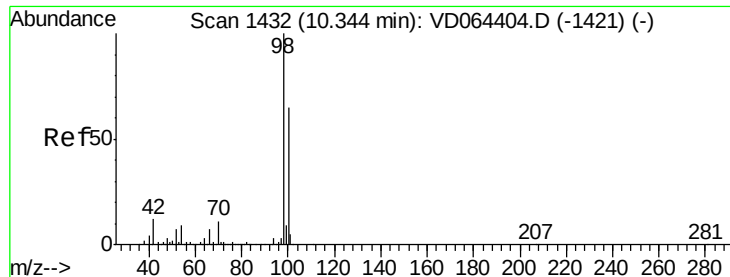
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	79.4	119.2
192	23.0	18.6	28.0



#39
 Methylcyclohexane
 Concen: 6.874 ug/l
 RT: 9.35 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: VD064443.D
 Acq: 05 Dec 2019 18:28

Tgt Ion	Ratio	Lower	Upper
83	100		
55	73.3	58.6	87.8
98	51.5	40.9	61.3

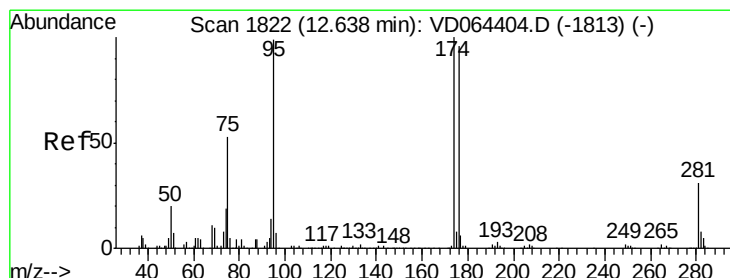
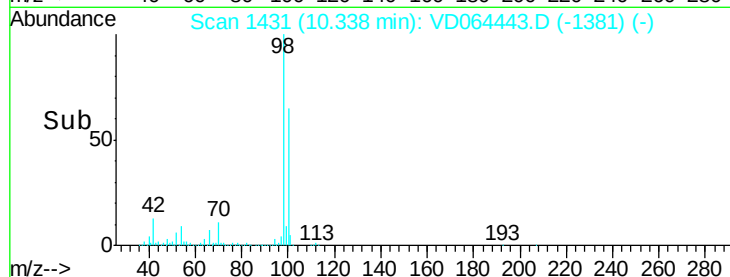
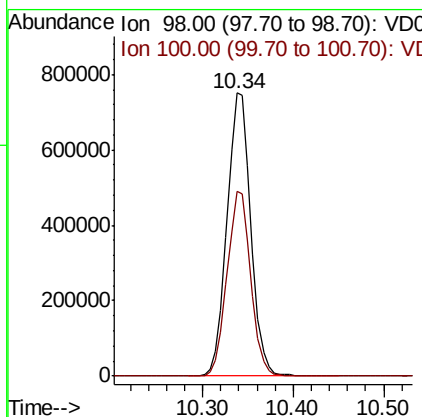
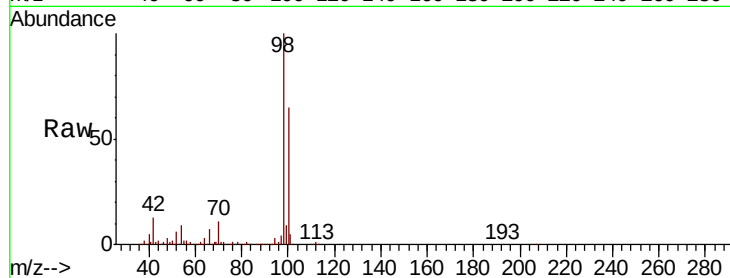




#50
Toluene-d8
Concen: 49.603 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064443.D
Acq: 05 Dec 2019 18:28

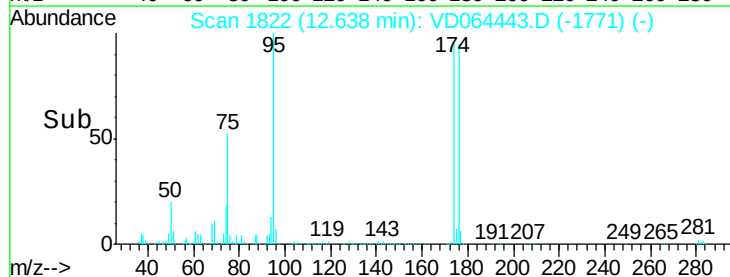
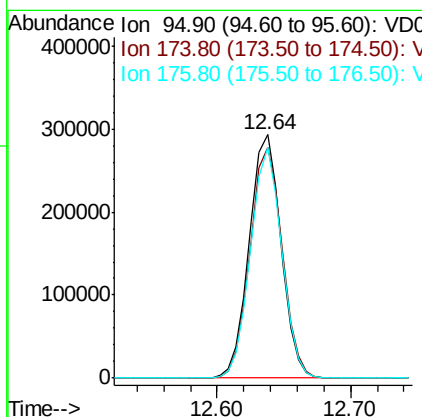
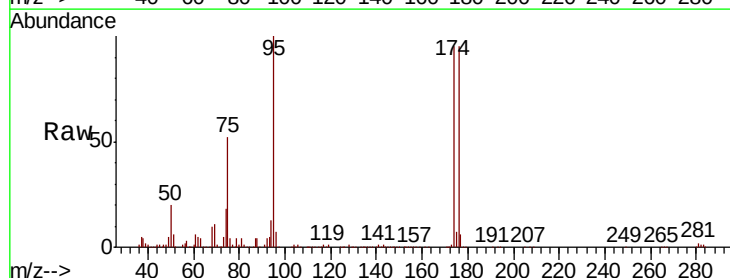
Instrument :
MSVOA_D
ClientSampleId :
EP-2

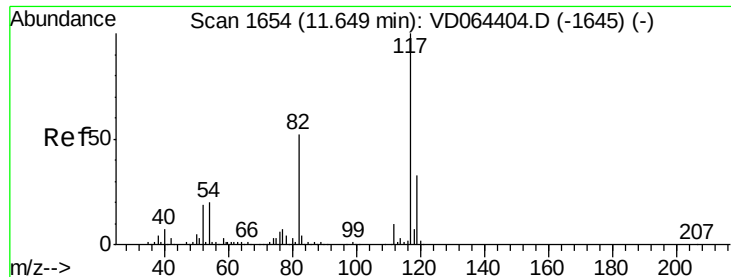
Tot Ion: 98 Resp: 1371750
Ion Ratio Lower Upper
98 100
100 64.9 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 53.804 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064443.D
Acq: 05 Dec 2019 18:28

Tgt Ion: 95 Resp: 478177
Ion Ratio Lower Upper
95 100
174 96.3 0.0 197.2
176 93.4 0.0 189.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD064443.D

Acq: 05 Dec 2019 18:28

Instrument :

MSVOA_D

ClientSampled :

EP-2

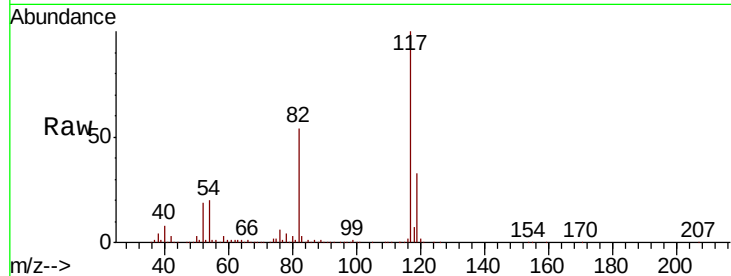
Tot Ion:117 Resp: 1082144

Ion Ratio Lower Upper

117 100

82 53.6 41.4 62.2

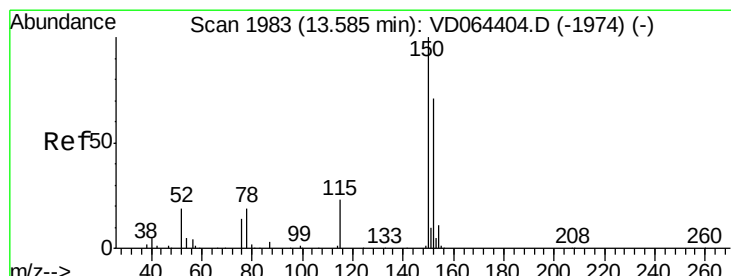
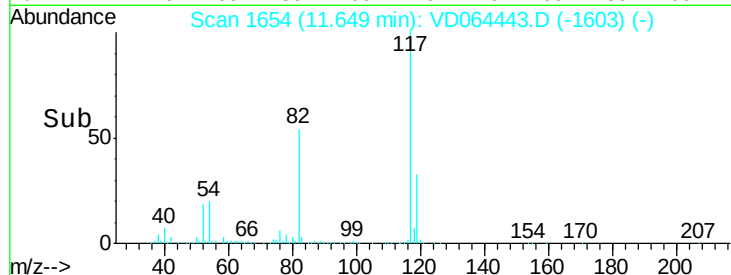
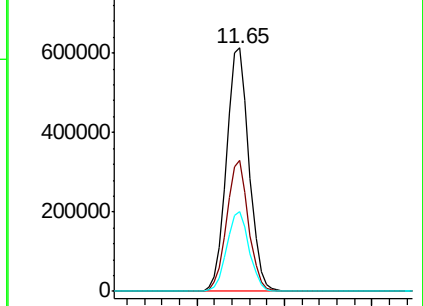
119 32.6 26.2 39.2



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: VD064443.D

Acq: 05 Dec 2019 18:28

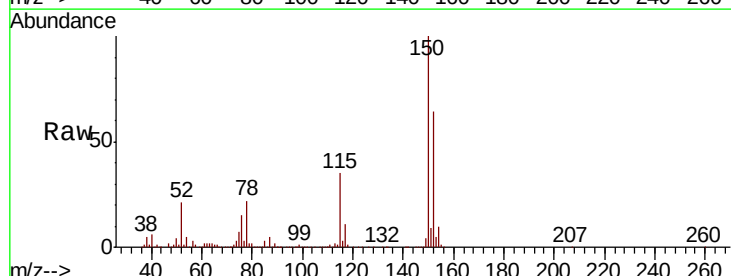
Tgt Ion:152 Resp: 536258

Ion Ratio Lower Upper

152 100

115 54.9 26.7 80.1

150 157.1 0.0 347.2



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

