

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120519\
 Data File : VD064445.D
 Acq On : 05 Dec 2019 19:26
 Operator : VA/SY
 Sample : K6177-09
 Misc : 6.23G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP-7

Quant Time: Dec 06 07:00:19 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

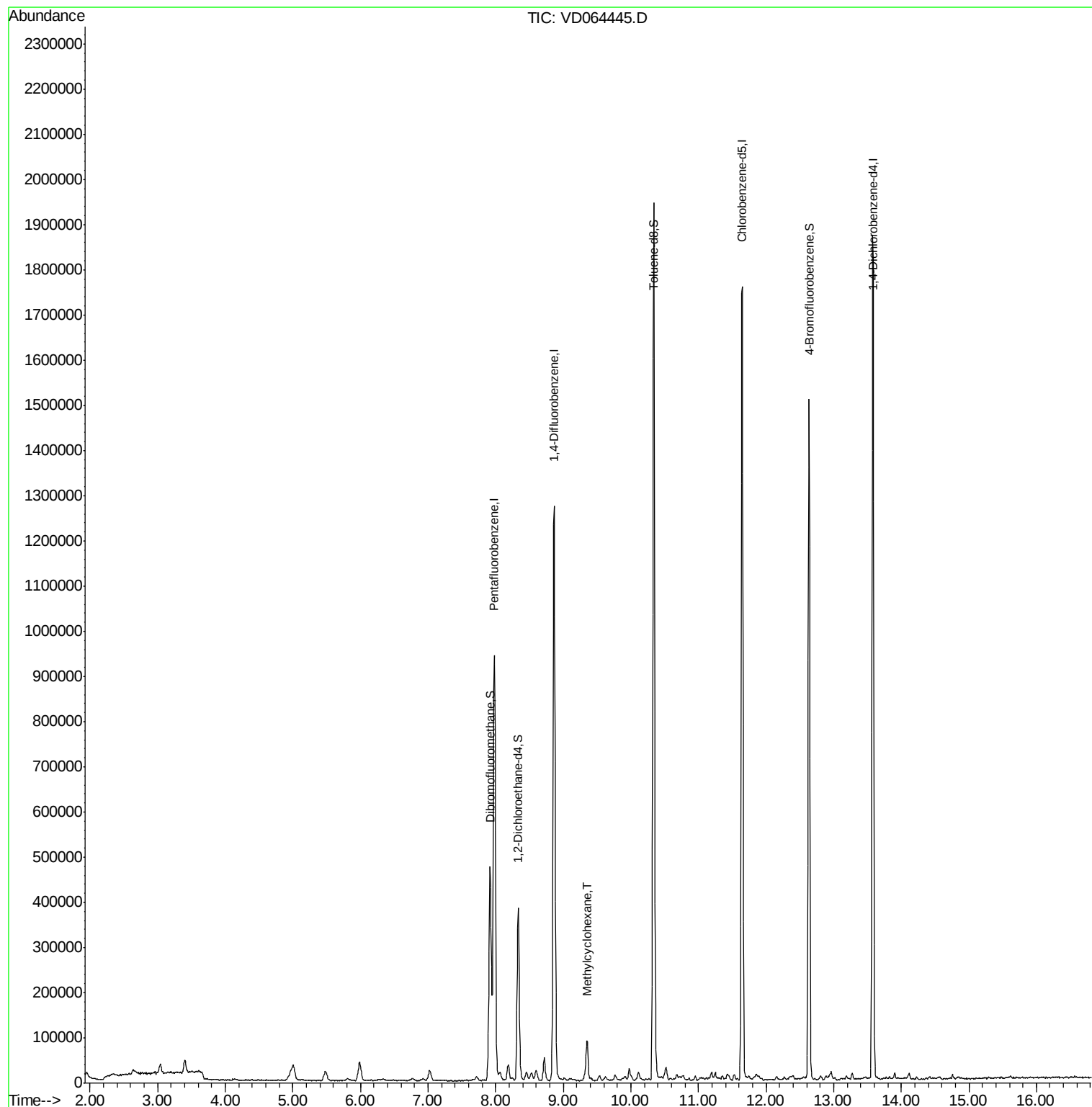
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	758920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1109269	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1037088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	510462	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	306133	44.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.14%	
35) Dibromofluoromethane	7.91	113	332909	47.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.26%	
50) Toluene-d8	10.34	98	1323721	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	12.64	95	451518	53.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.74%	
Target Compounds						
39) Methylcyclohexane	9.35	83	38580	2.964	ug/l	Qvalue 94

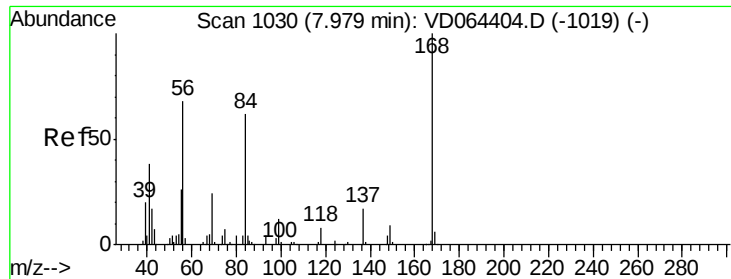
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD064445.D

Acq: 05 Dec 2019 19:26

Instrument :

MSVOA_D

ClientSampleId :

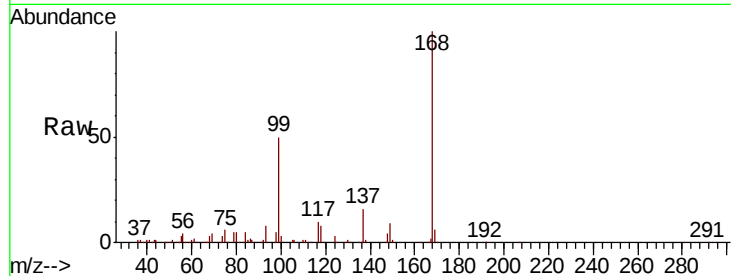
EP-7

Tot Ion:168 Resp: 758920

Ion Ratio Lower Upper

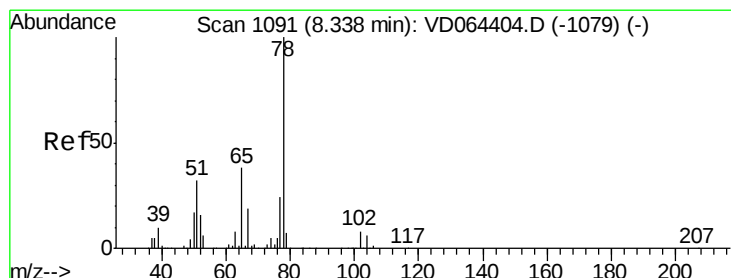
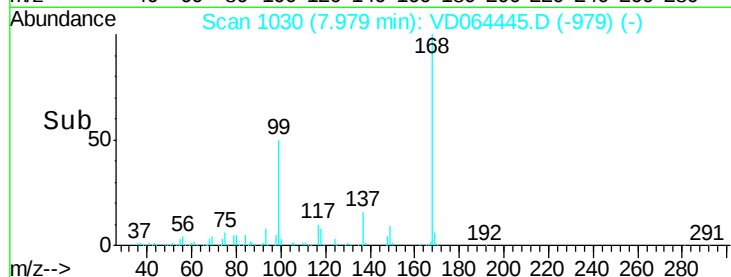
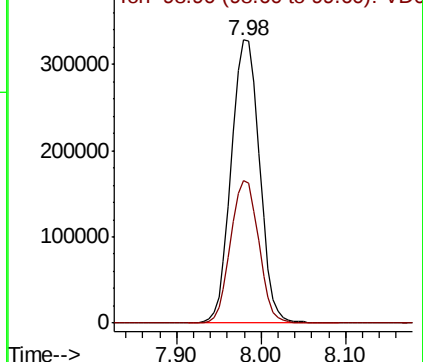
168 100

99 50.3 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 44.565 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064445.D

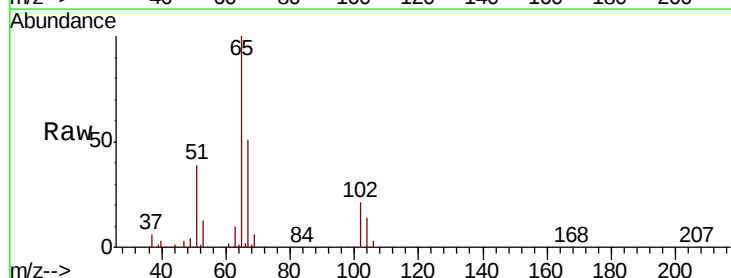
Acq: 05 Dec 2019 19:26

Tgt Ion: 65 Resp: 306133

Ion Ratio Lower Upper

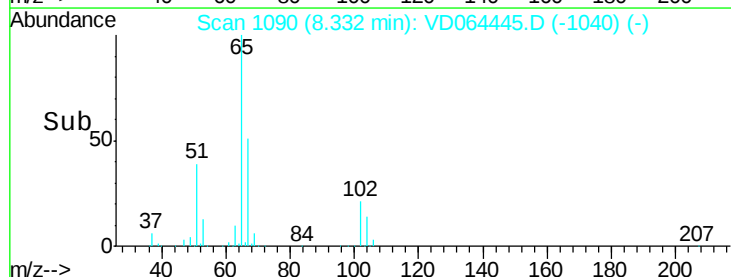
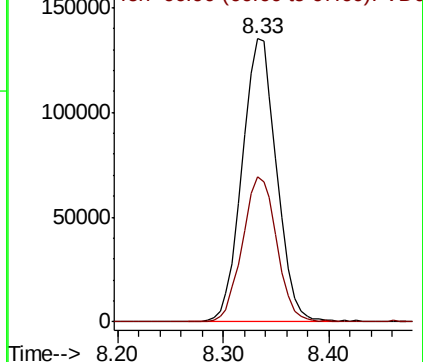
65 100

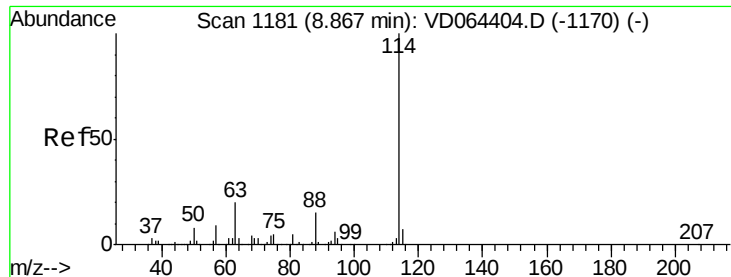
67 51.2 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

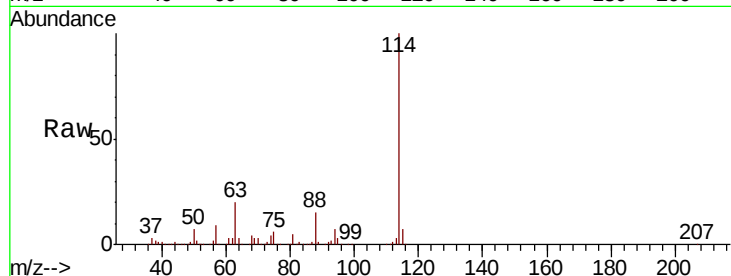




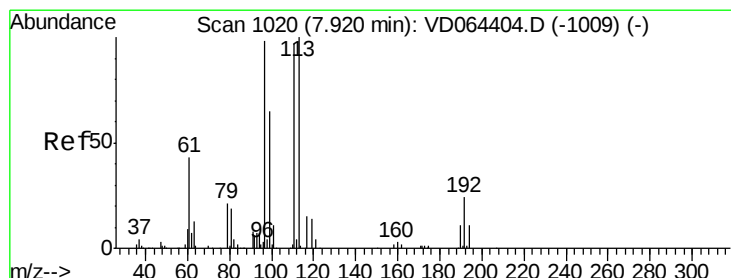
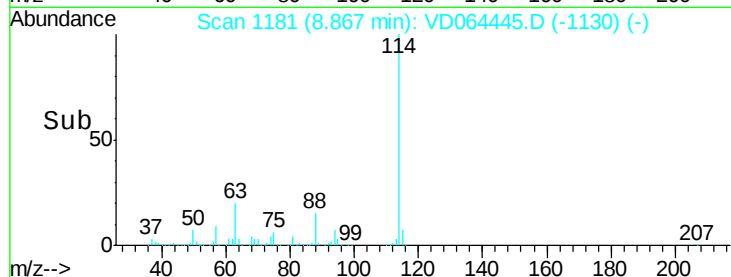
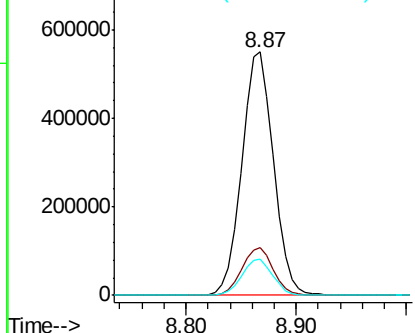
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064445.D
 Acq: 05 Dec 2019 19:26

Instrument :
 MSVOA_D
 ClientSampleId :
 EP-7

Tot Ion:114 Resp: 1109269
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.0
 88 15.1 0.0 29.2

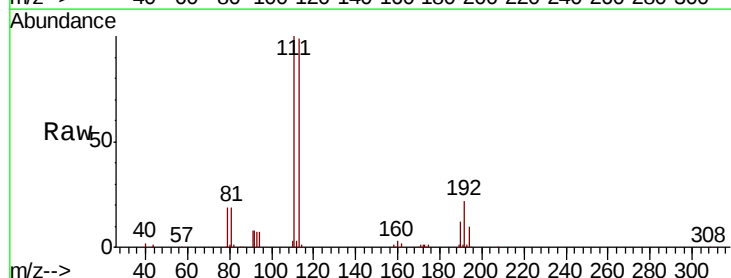


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

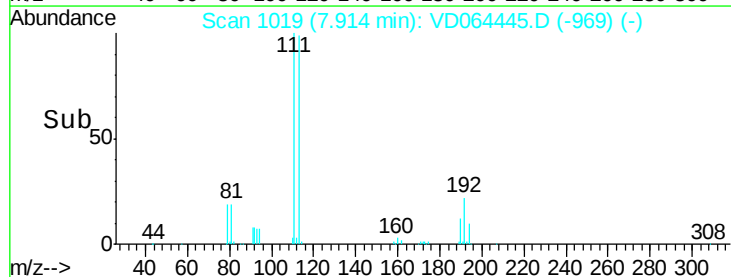
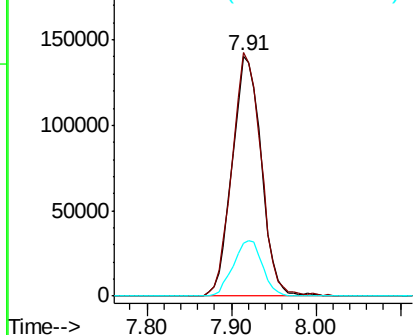


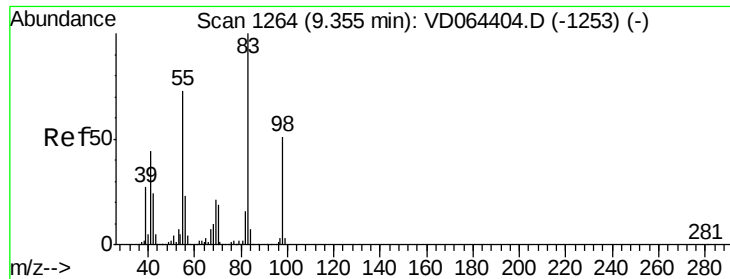
#35
 Dibromofluoromethane
 Concen: 47.634 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD064445.D
 Acq: 05 Dec 2019 19:26

Tgt Ion:113 Resp: 332909
 Ion Ratio Lower Upper
 113 100
 111 101.4 79.4 119.2
 192 23.4 18.6 28.0



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

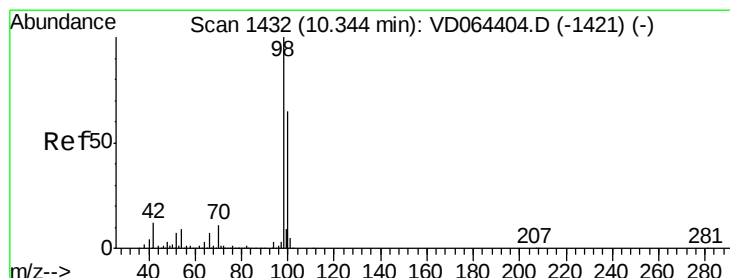
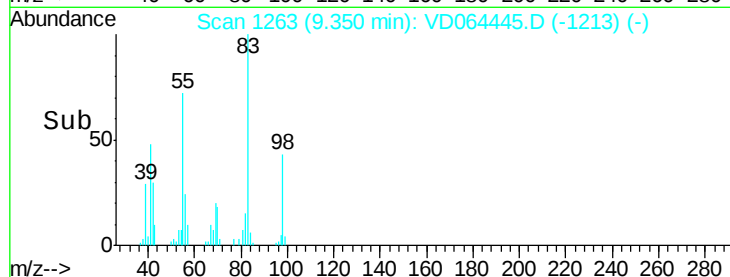
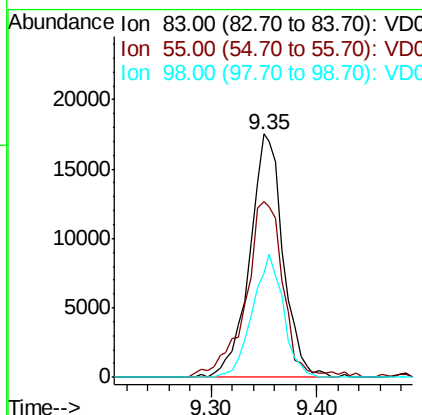
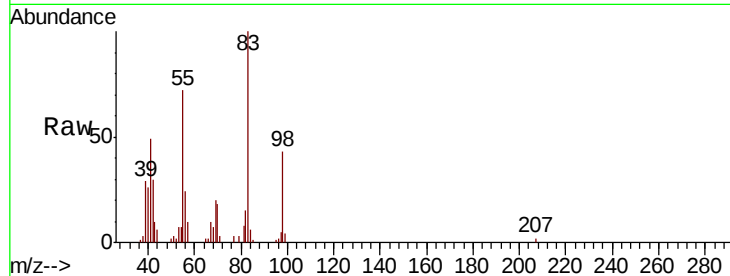




#39
Methvlcvclohexane
Concen: 2.964 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD064445.D
Acq: 05 Dec 2019 19:26

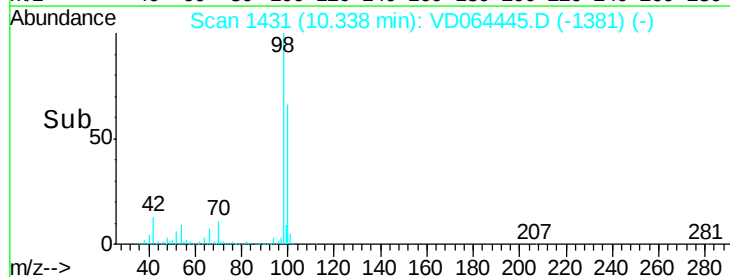
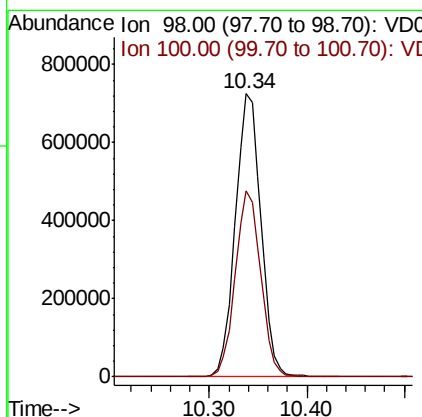
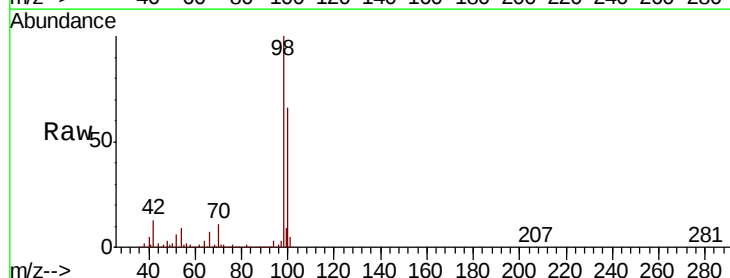
Instrument :
MSVOA_D
ClientSampleId :
EP-7

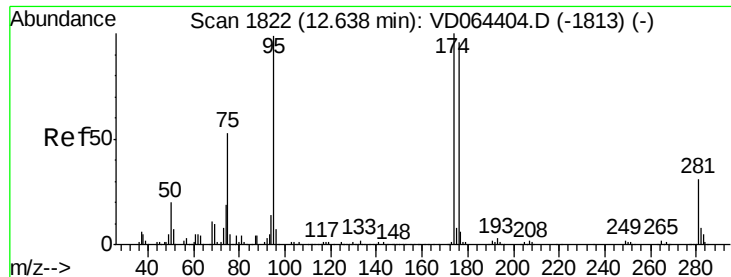
Tot Ion: 83 Resp: 38580
Ion Ratio Lower Upper
83 100
55 72.4 58.6 87.8
98 42.7 40.9 61.3



#50
Toluene-d8
Concen: 50.281 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064445.D
Acq: 05 Dec 2019 19:26

Tgt Ion: 98 Resp: 1323721
Ion Ratio Lower Upper
98 100
100 65.4 52.6 79.0

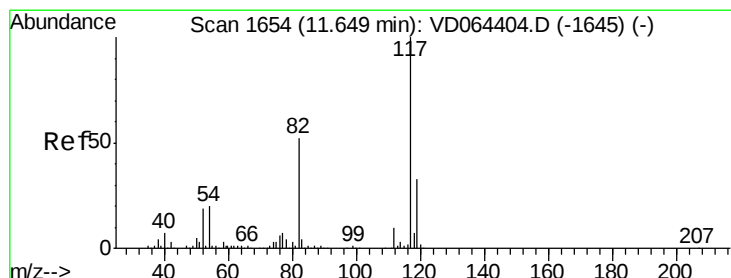
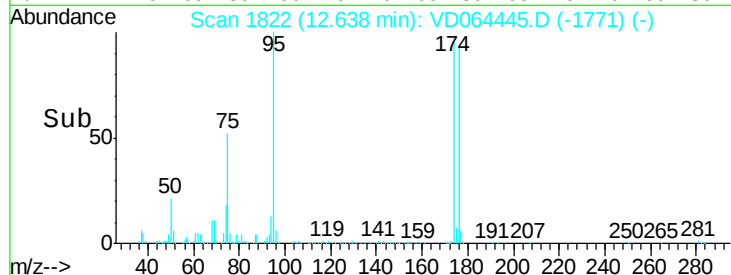
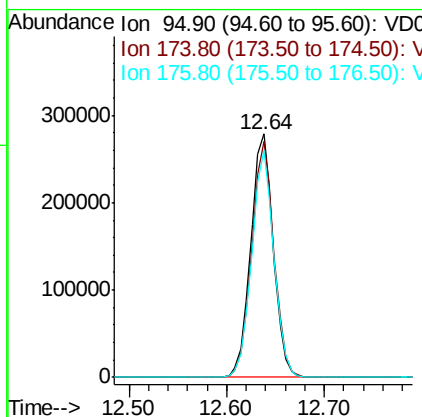
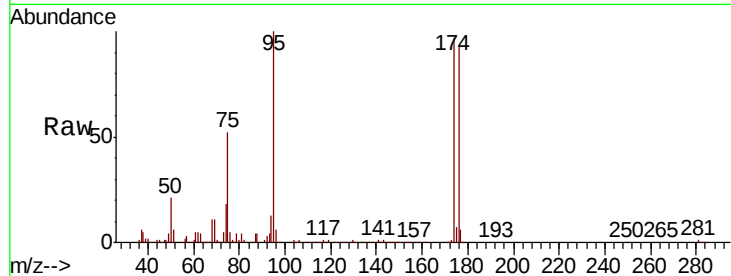




#62
4-Bromofluorobenzene
Concen: 53.367 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064445.D
Acq: 05 Dec 2019 19:26

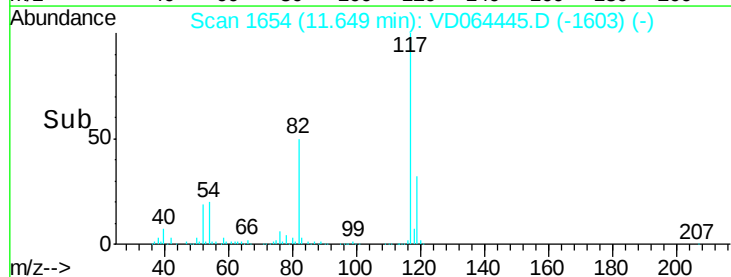
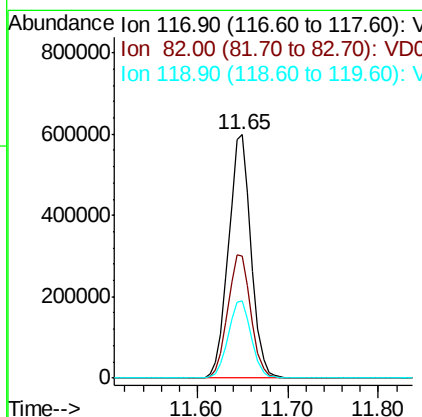
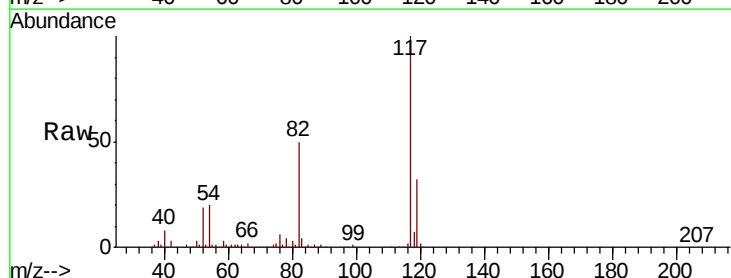
Instrument :
MSVOA_D
ClientSampleId :
EP-7

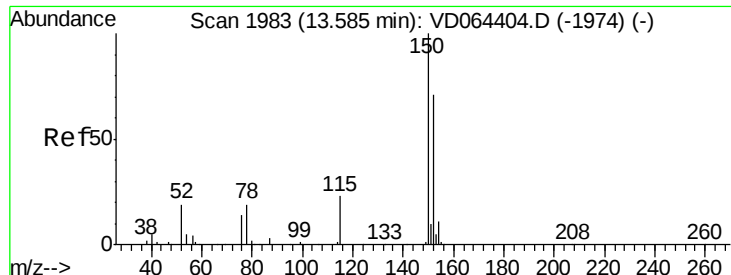
Tot Ion: 95 Resp: 451518
Ion Ratio Lower Upper
95 100
174 96.1 0.0 197.2
176 92.2 0.0 189.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064445.D
Acq: 05 Dec 2019 19:26

Tgt Ion: 117 Resp: 1037088
Ion Ratio Lower Upper
117 100
82 50.3 41.4 62.2
119 31.5 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD064445.D

Acq: 05 Dec 2019 19:26

Instrument :

MSVOA_D

ClientSampleId :

EP-7

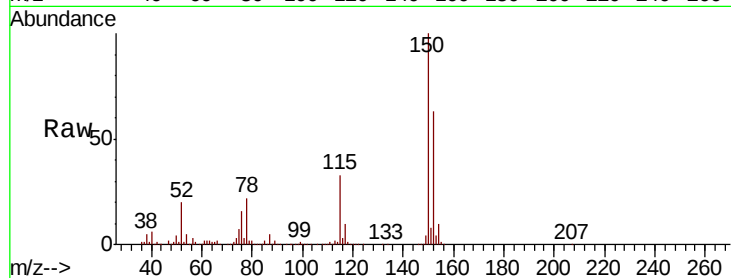
Tot Ion:152 Resp: 510462

Ion Ratio Lower Upper

152 100

115 53.5 26.7 80.1

150 157.8 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

