

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120419\
 Data File : VD064425.D
 Acq On : 04 Dec 2019 19:11
 Operator : VA/SY
 Sample : K6112-01
 Misc : 6.42G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-02-120419

Quant Time: Dec 05 06:45:19 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

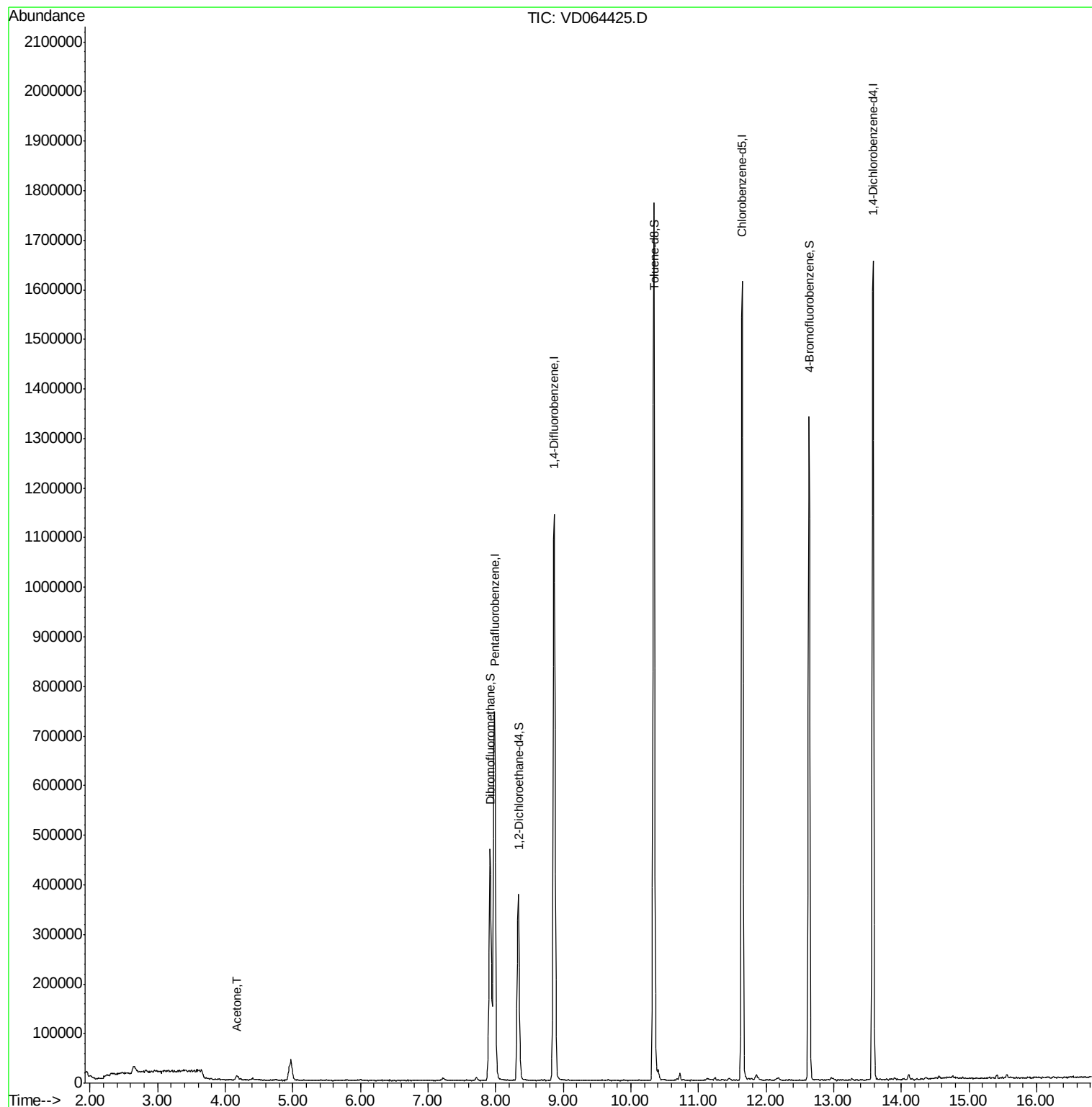
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	611382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1011665	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	945432	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	459160	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	300251	54.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.52%	
35) Dibromofluoromethane	7.92	113	321119	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
50) Toluene-d8	10.34	98	1225259	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.64	95	402715	52.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.38%	
Target Compounds						
16) Acetone	4.17	43	15351	13.727	ug/l #	Qvalue 84

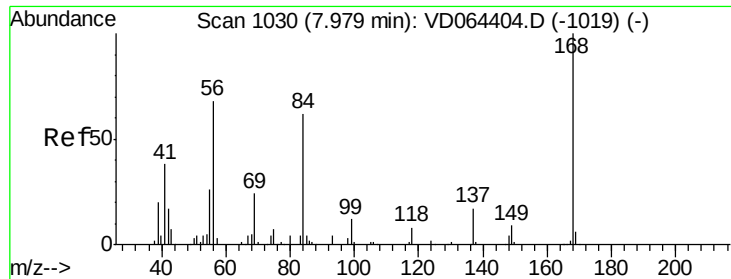
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 29 07:18:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD064425.D

Acq: 04 Dec 2019 19:11

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MSVOA_D

ClientSampleId :

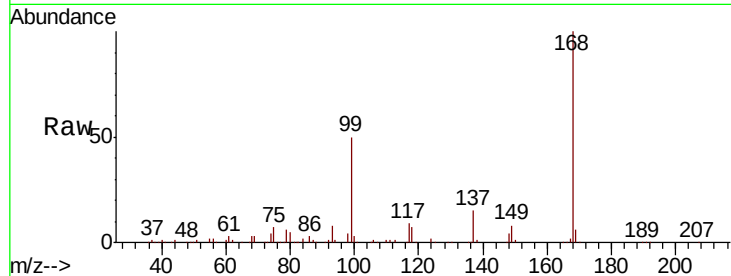
OK-02-120419

Tot Ion:168 Resp: 611382

Ion Ratio Lower Upper

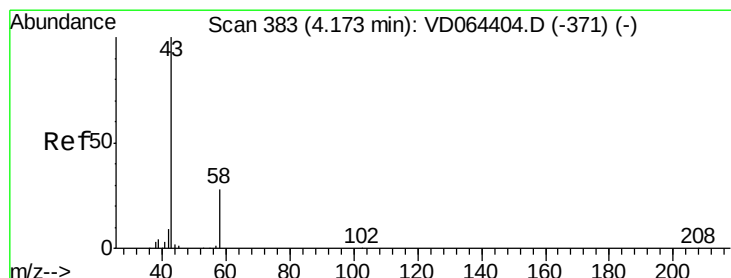
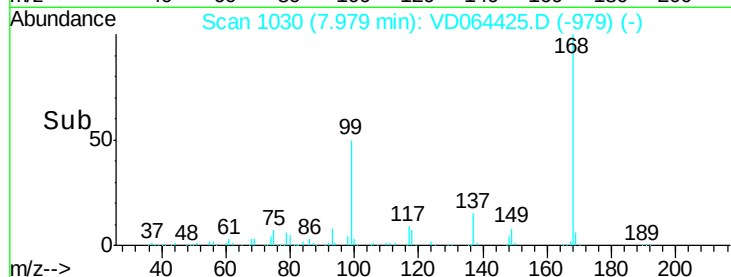
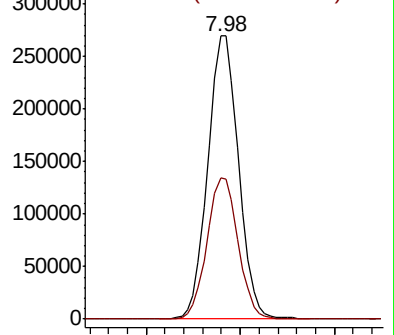
168 100

99 49.9 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 13.727 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.01 min

Lab File: VD064425.D

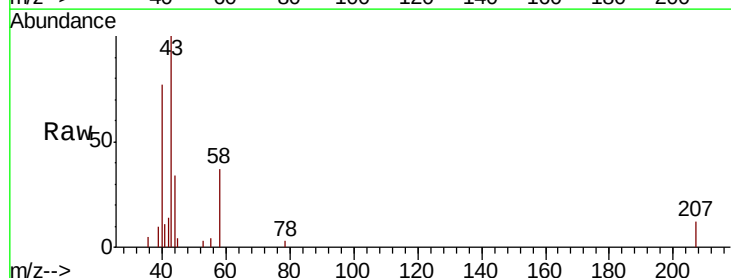
Acq: 04 Dec 2019 19:11

Tgt Ion: 43 Resp: 15351

Ion Ratio Lower Upper

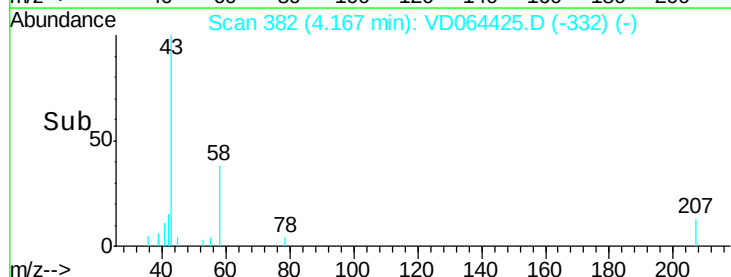
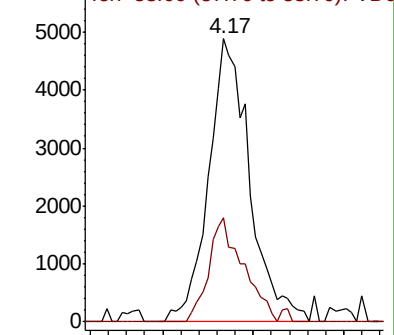
43 100

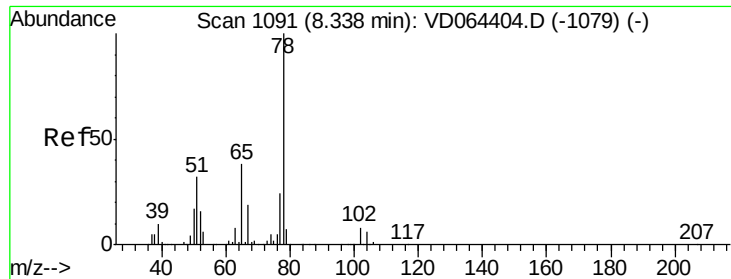
58 36.8 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

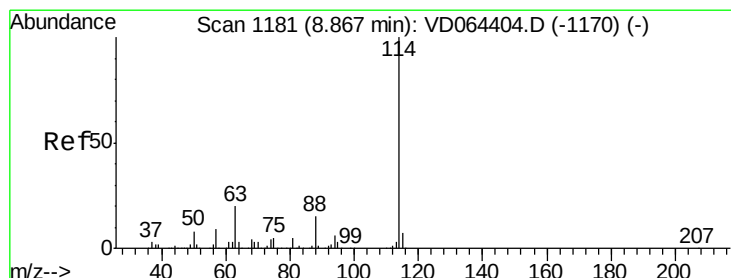
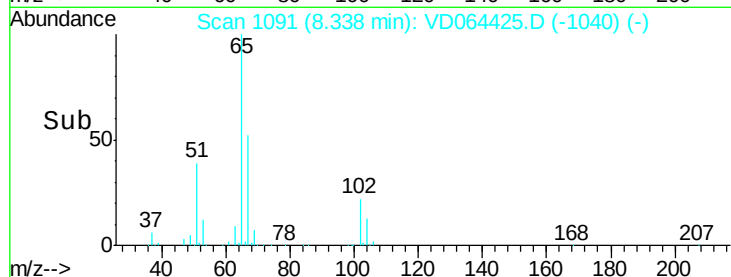
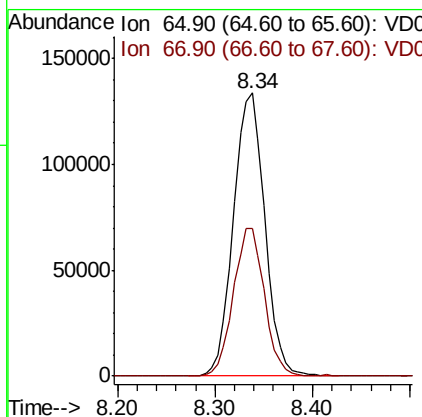
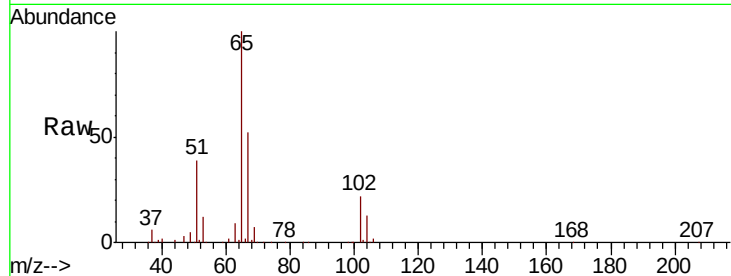




#33
 1,2-Dichloroethane-d4
 Concen: 54.257 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD064425.D
 Acq: 04 Dec 2019 19:11

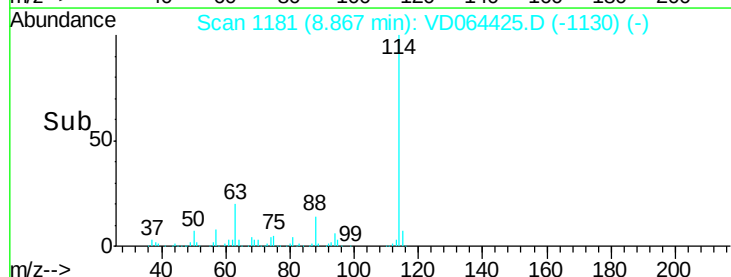
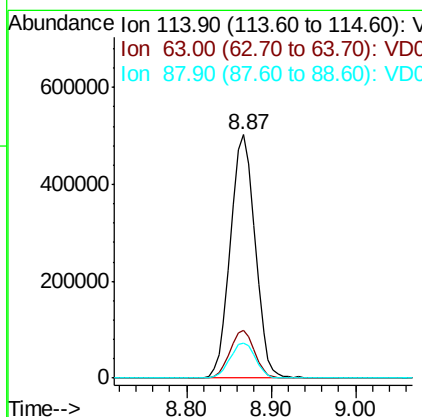
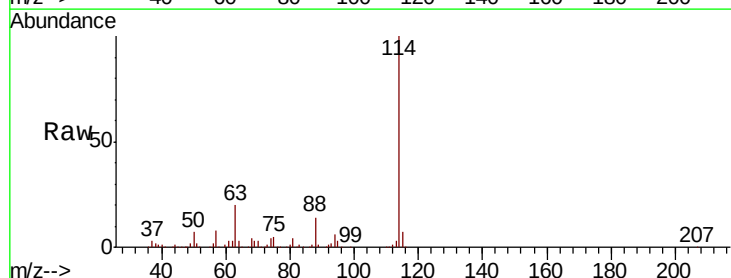
Instrument :
 MSVOA_D
 ClientSampleId :
 OK-02-120419

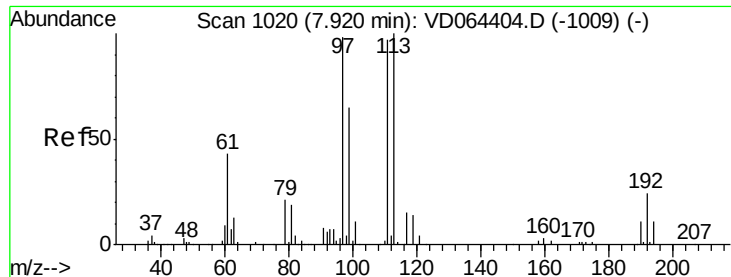
Tot Ion: 65 Resp: 300251
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064425.D
 Acq: 04 Dec 2019 19:11

Tgt Ion: 114 Resp: 1011665
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 14.1 0.0 29.2

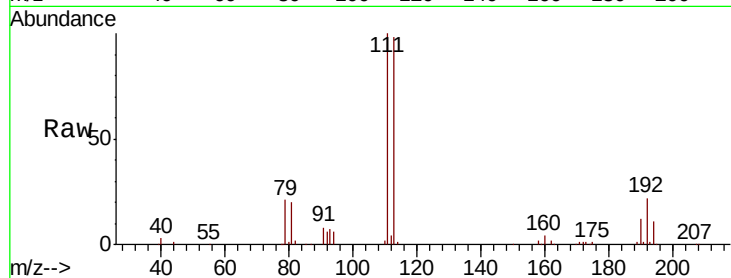




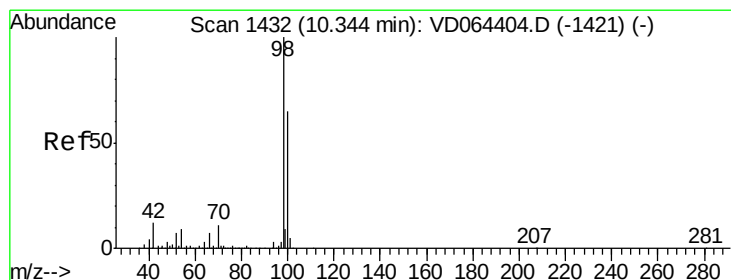
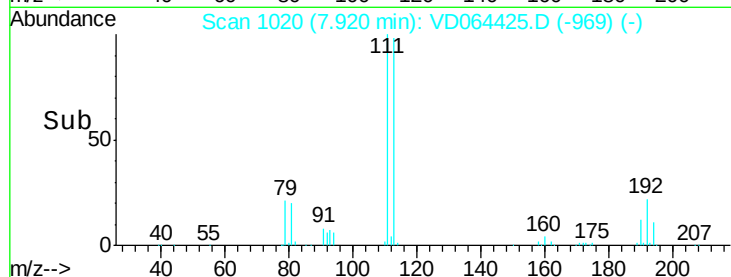
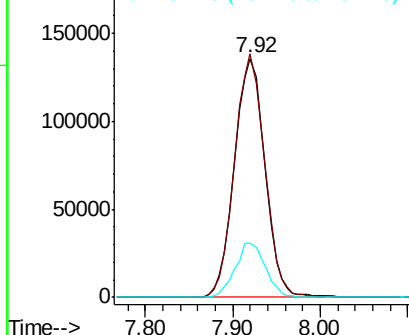
#35
 Dibromofluoromethane
 Concen: 50.379 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064425.D
 Acq: 04 Dec 2019 19:11

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-02-120419

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.3	79.4	119.2
192	22.7	18.6	28.0

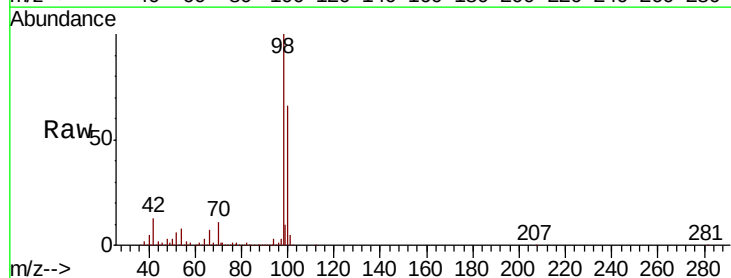


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

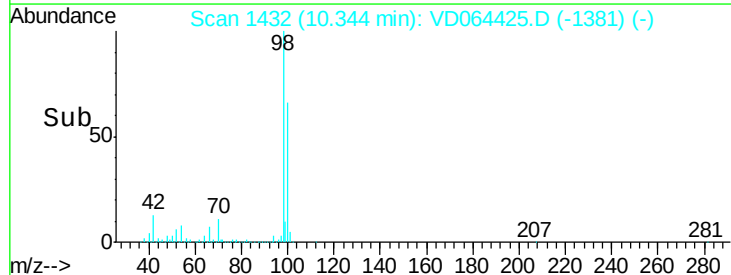
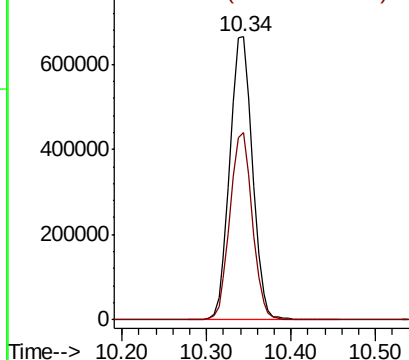


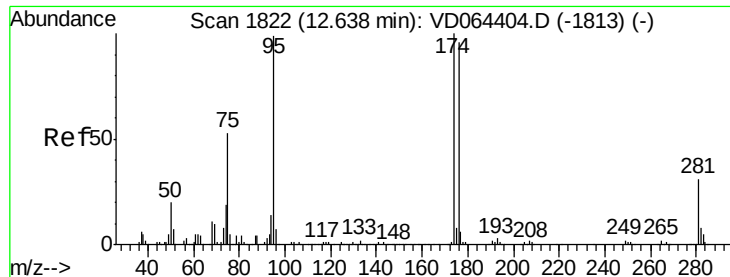
#50
 Toluene-d8
 Concen: 51.031 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD064425.D
 Acq: 04 Dec 2019 19:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.6	79.0



Abundance Ion 98.00 (97.70 to 98.70): VDC
 Ion 100.00 (99.70 to 100.70): VD

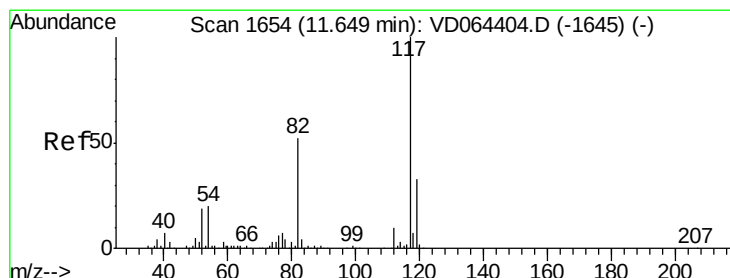
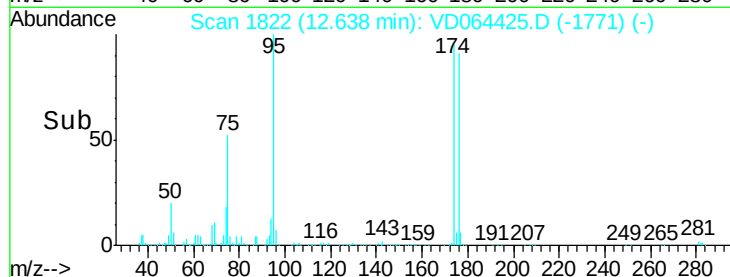
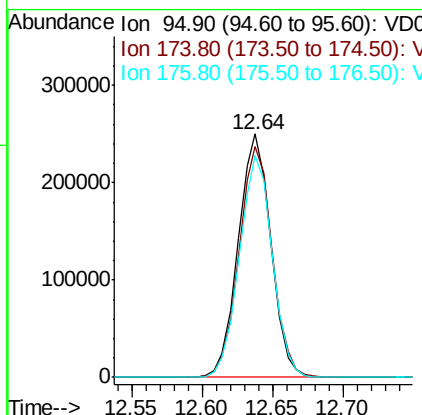
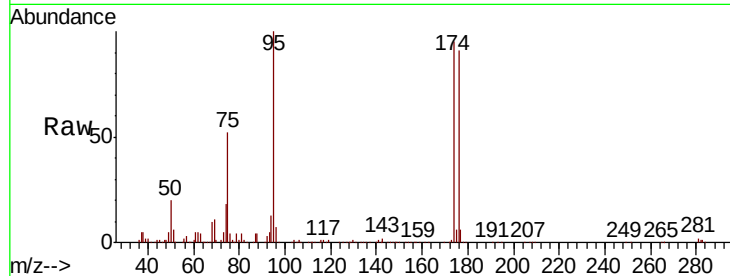




#62
4-Bromofluorobenzene
Concen: 52.191 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064425.D
Acq: 04 Dec 2019 19:11

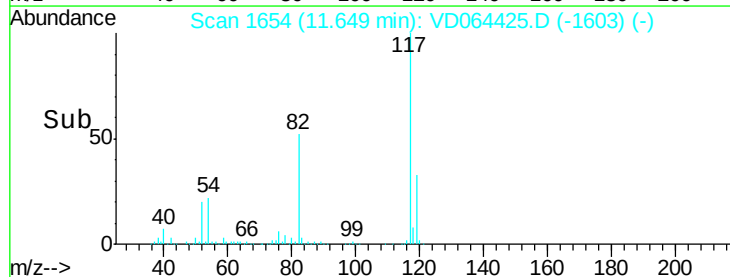
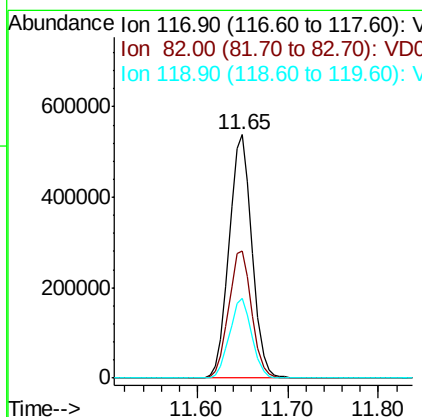
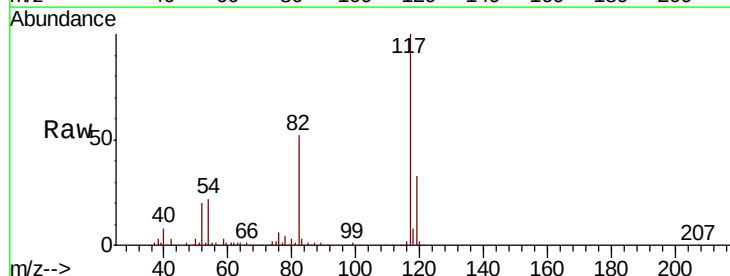
Instrument :
MSVOA_D
ClientSampleId :
OK-02-120419

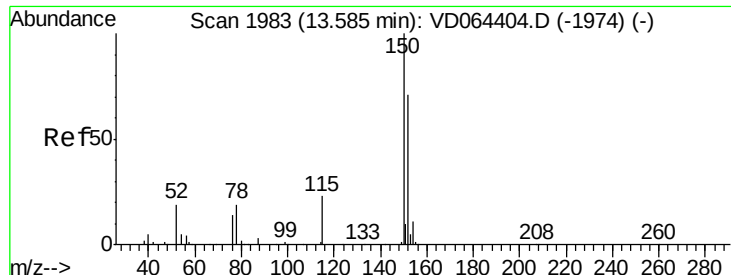
Tot Ion: 95 Resp: 402715
Ion Ratio Lower Upper
95 100
174 96.5 0.0 197.2
176 92.5 0.0 189.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064425.D
Acq: 04 Dec 2019 19:11

Tgt Ion: 117 Resp: 945432
Ion Ratio Lower Upper
117 100
82 52.4 41.4 62.2
119 32.6 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064425.D

Acq: 04 Dec 2019 19:11

Instrument :

MSVOA_D

ClientSampleId :

OK-02-120419

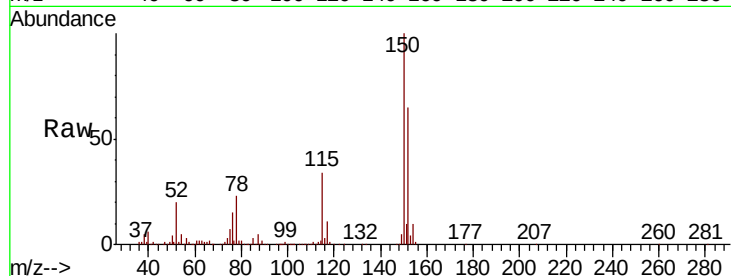
Tot Ion:152 Resp: 459160

Ion Ratio Lower Upper

152 100

115 53.7 26.7 80.1

150 156.6 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

