

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112119\
 Data File : VD064332.D
 Acq On : 21 Nov 2019 18:51
 Operator : VA/SY
 Sample : K5670-09
 Misc : 6.32G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-112119

Quant Time: Nov 22 02:39:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

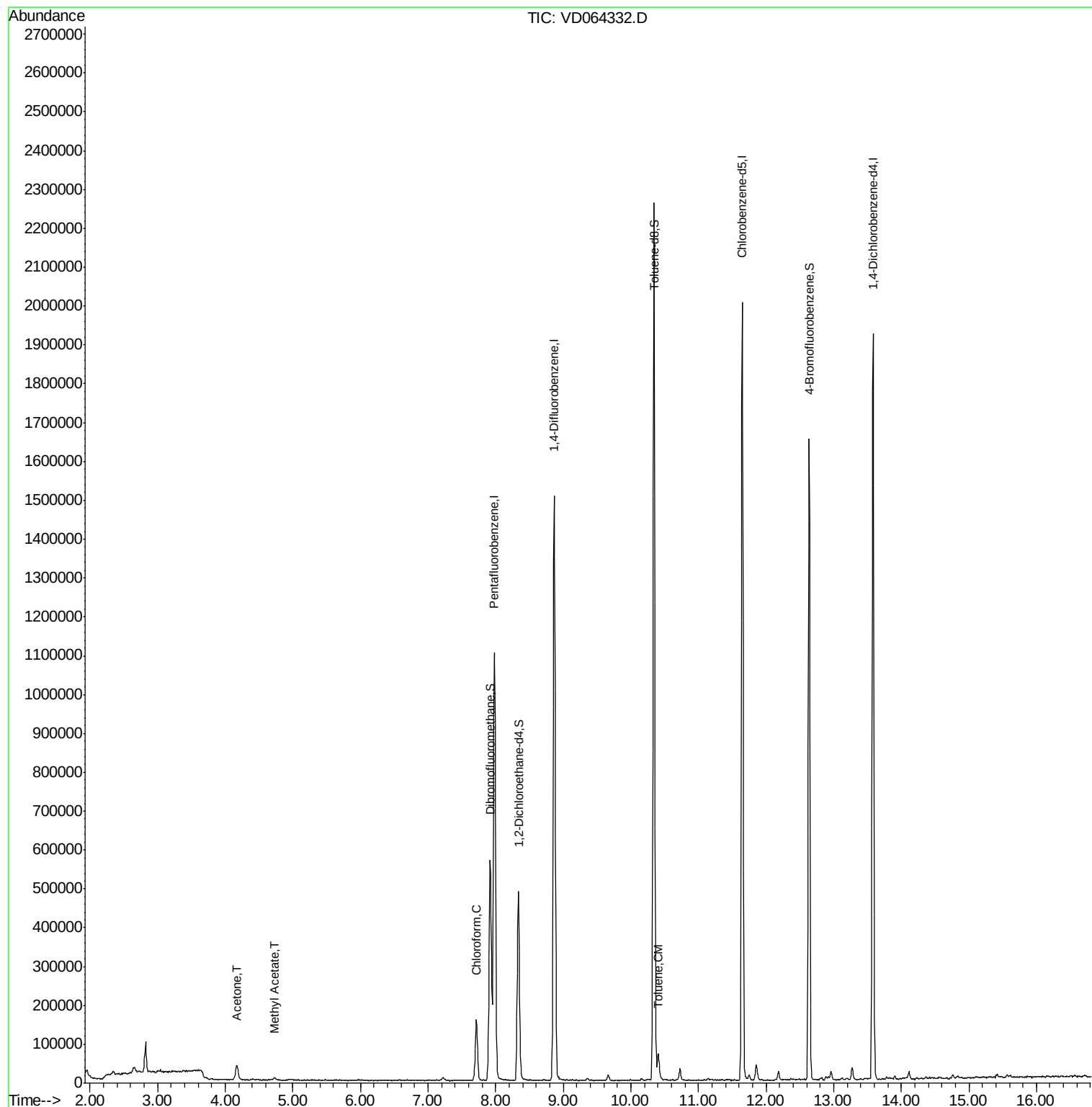
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	917896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1319220	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1146826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	535651	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	387392	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
35) Dibromofluoromethane	7.92	113	400889	52.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.88%	
50) Toluene-d8	10.34	98	1518700	53.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.32%	
62) 4-Bromofluorobenzene	12.64	95	486449	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.34%	
Target Compounds						
16) Acetone	4.17	43	70255	39.284	ug/l	99
18) Methyl Acetate	4.73	43	11707	2.344	ug/l	93
30) Chloroform	7.72	83	143090	9.522	ug/l	94
52) Toluene	10.41	92	26465	1.210	ug/l	96

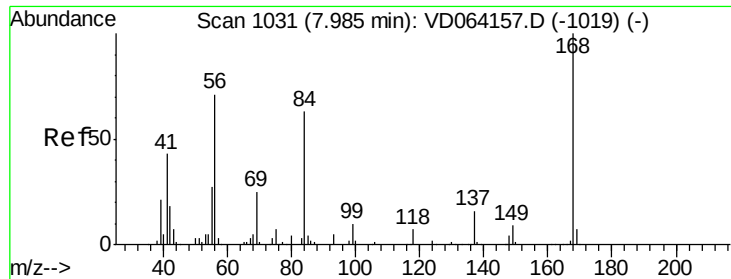
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064332.D

Acq: 21 Nov 2019 18:51

Instrument :

MSVOA_D

ClientSampleId :

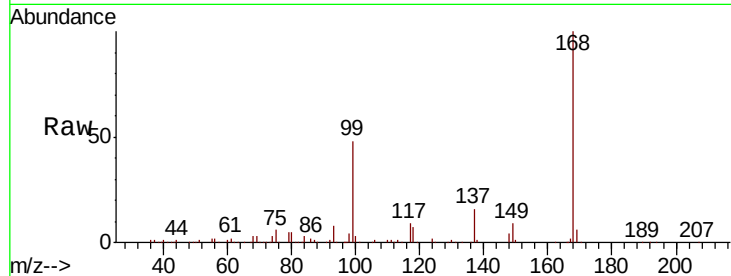
OK-01-112119

Tot Ion:168 Resp: 917896

Ion Ratio Lower Upper

168 100

99 47.5 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

400000

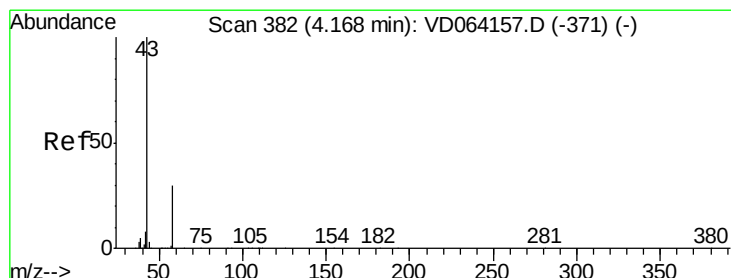
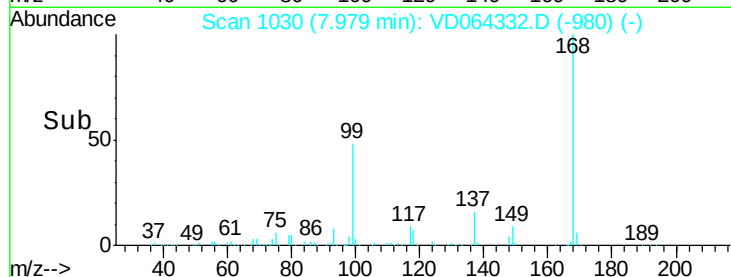
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 39.284 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD064332.D

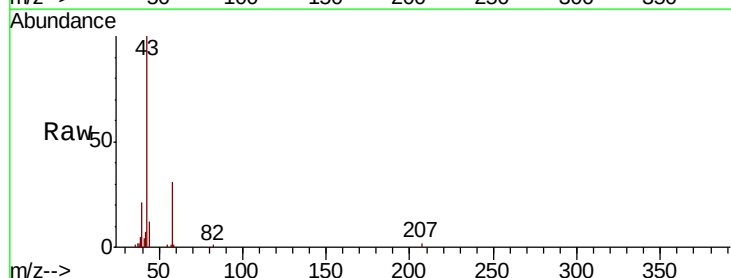
Acq: 21 Nov 2019 18:51

Tgt Ion: 43 Resp: 70255

Ion Ratio Lower Upper

43 100

58 30.9 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

25000

20000

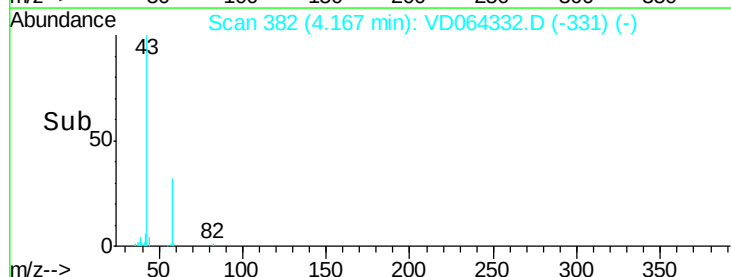
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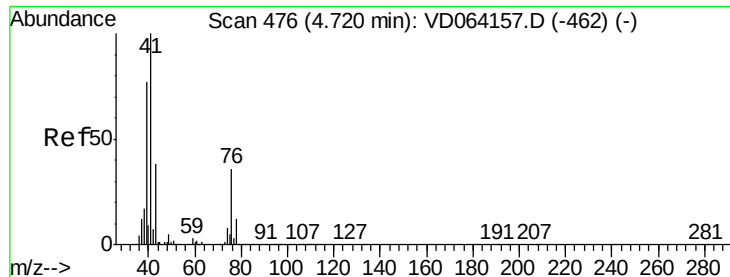
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5000

0

Time-->

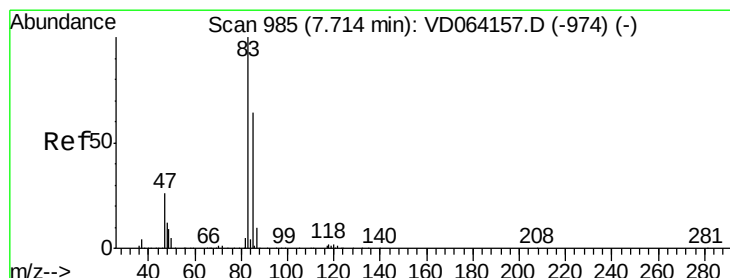
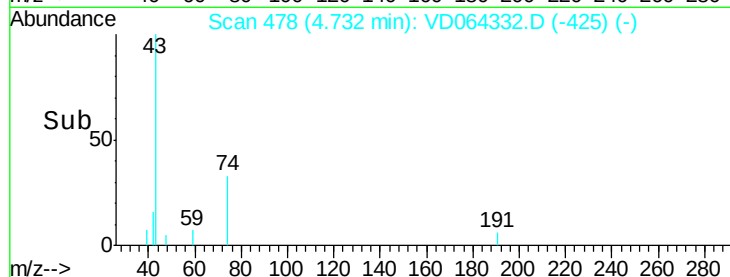
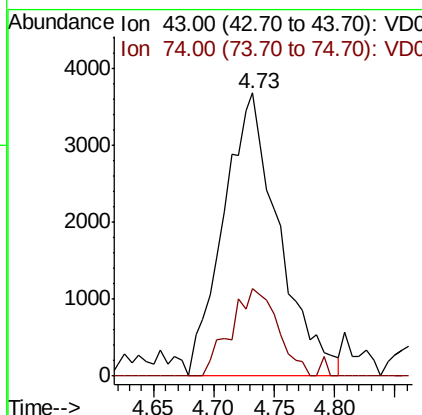
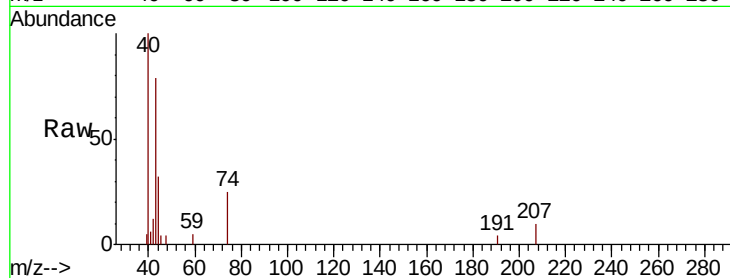




#18
Methvl Acetate
Concen: 2.344 ug/l
RT: 4.73 min Scan# 478
Delta R.T. 0.01 min
Lab File: VD064332.D
Acq: 21 Nov 2019 18:51

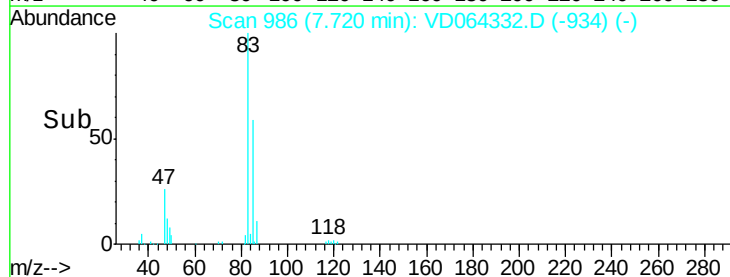
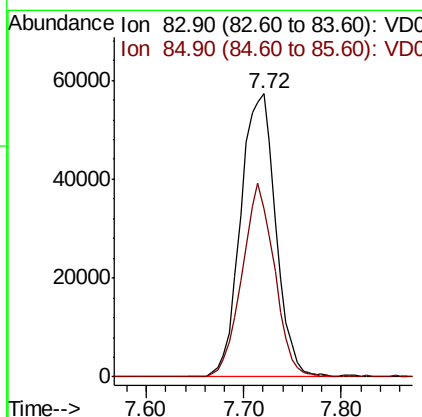
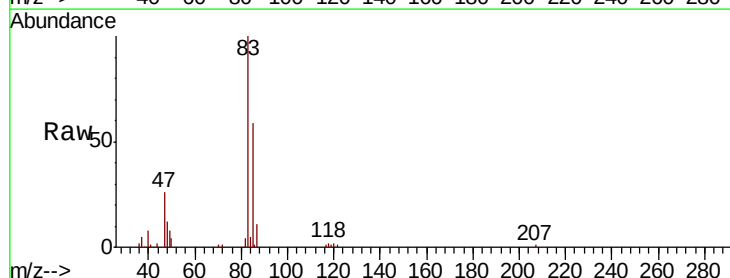
Instrument :
MSVOA_D
ClientSampleId :
OK-01-112119

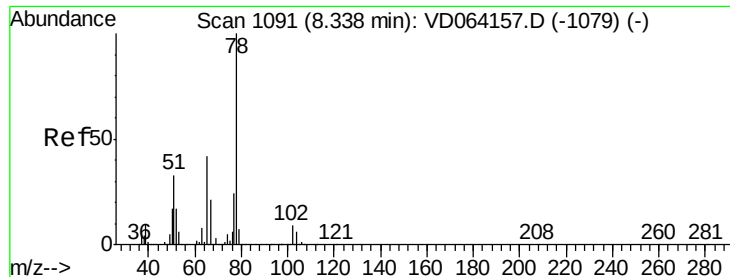
Tot Ion: 43 Resp: 11707
Ion Ratio Lower Upper
43 100
74 26.4 18.4 27.6



#30
Chloroform
Concen: 9.522 ug/l
RT: 7.72 min Scan# 986
Delta R.T. 0.01 min
Lab File: VD064332.D
Acq: 21 Nov 2019 18:51

Tgt Ion: 83 Resp: 143090
Ion Ratio Lower Upper
83 100
85 59.3 51.4 77.0

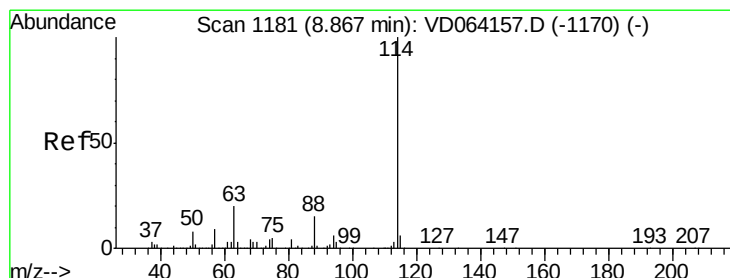
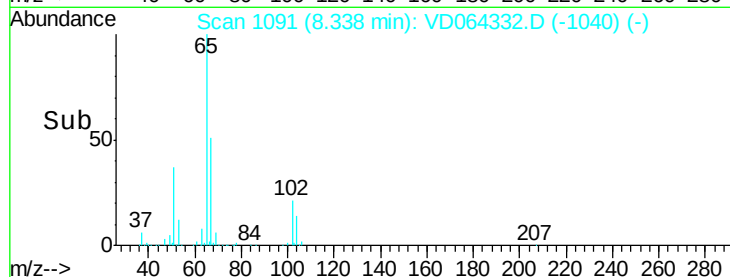
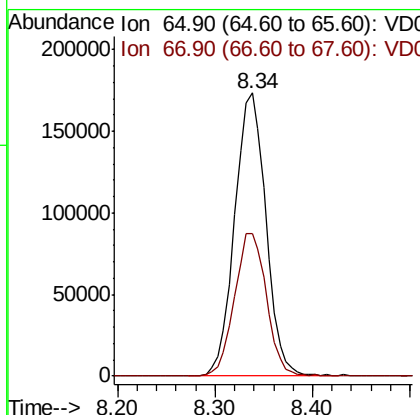
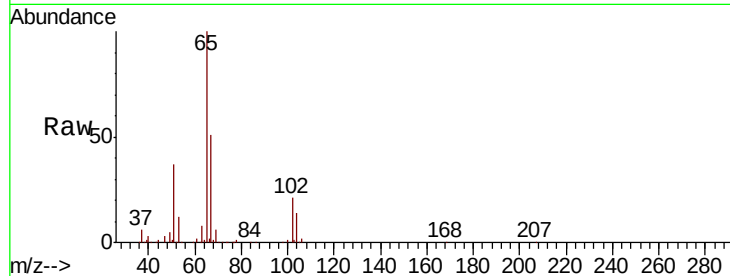




#33
 1,2-Dichloroethane-d4
 Concen: 51.316 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD064332.D
 Acq: 21 Nov 2019 18:51

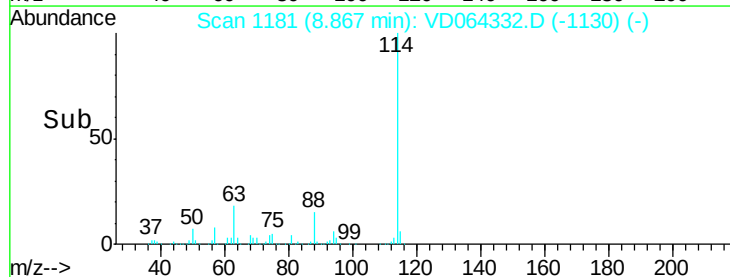
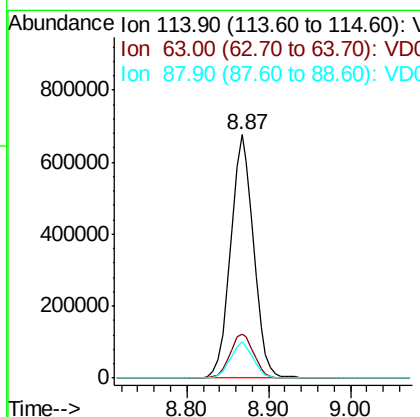
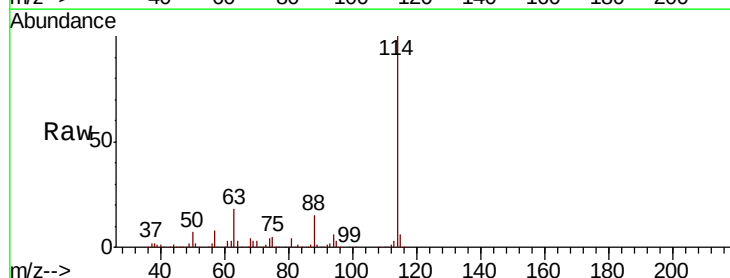
Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-112119

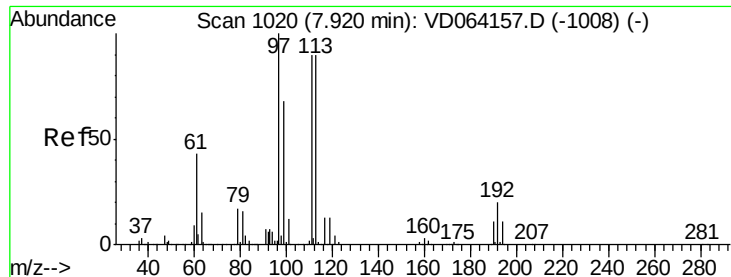
Tot Ion: 65 Resp: 387392
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064332.D
 Acq: 21 Nov 2019 18:51

Tgt Ion: 114 Resp: 1319220
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 40.0
 88 14.7 0.0 30.2

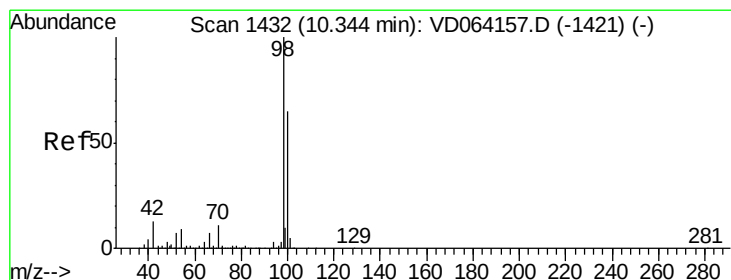
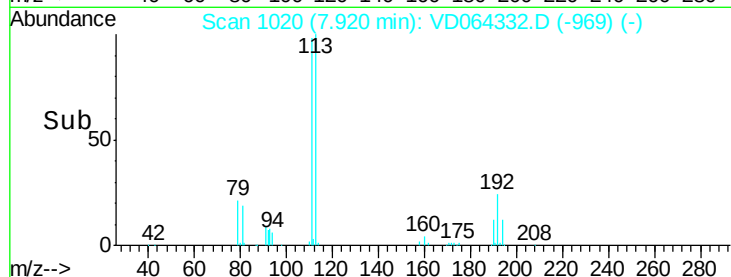
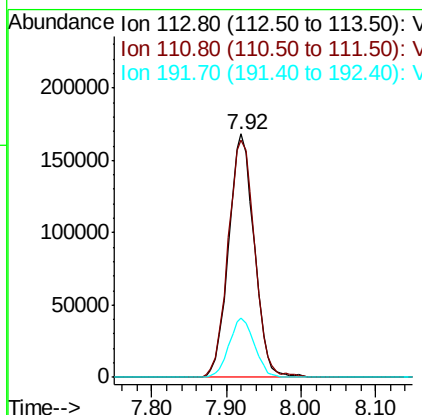
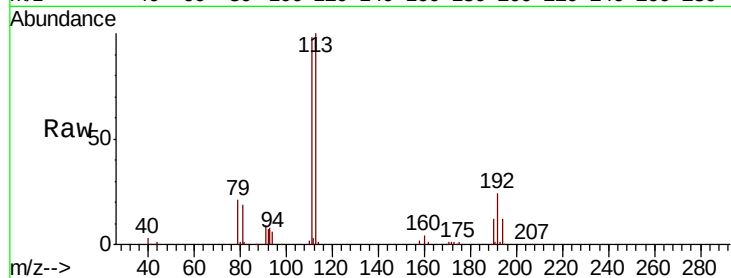




#35
Dibromofluoromethane
Concen: 52.940 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD064332.D
Acq: 21 Nov 2019 18:51

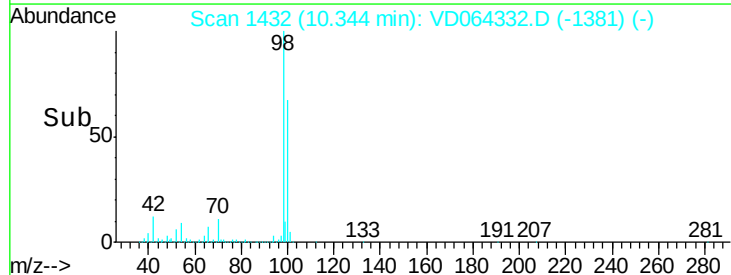
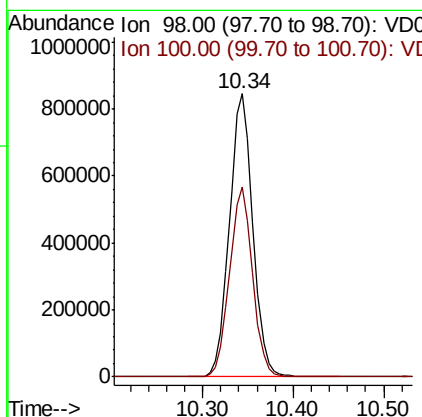
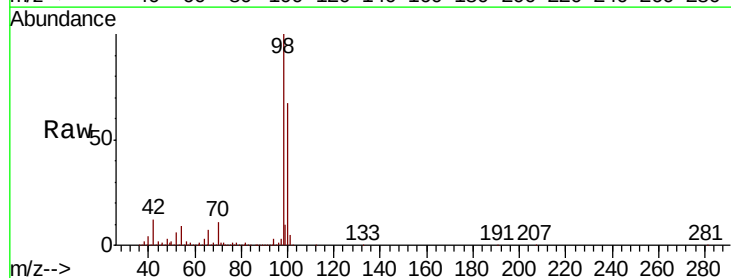
Instrument :
MSVOA_D
ClientSampleId :
OK-01-112119

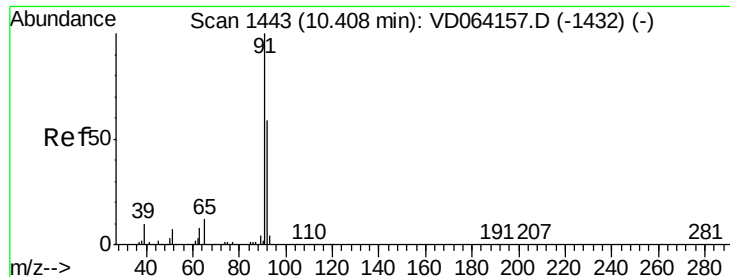
Tot Ion:113 Resp: 400889
Ion Ratio Lower Upper
113 100
111 101.5 81.5 122.3
192 24.2 18.8 28.2



#50
Toluene-d8
Concen: 53.163 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064332.D
Acq: 21 Nov 2019 18:51

Tgt Ion: 98 Resp: 1518700
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8





#52

Toluene

Concen: 1.210 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD064332.D

Acq: 21 Nov 2019 18:51

Instrument :

MSVOA_D

ClientSampleId :

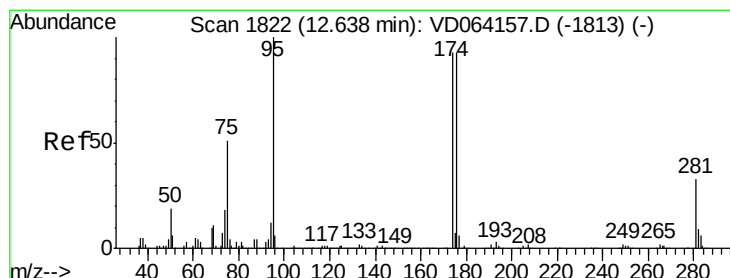
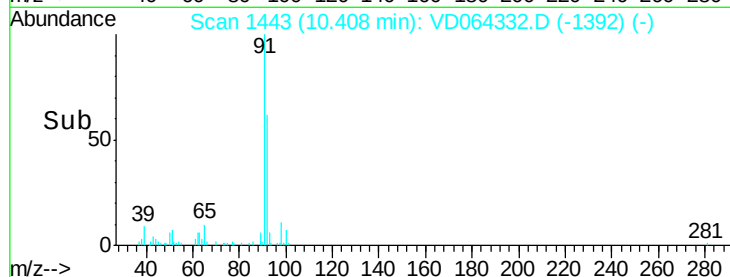
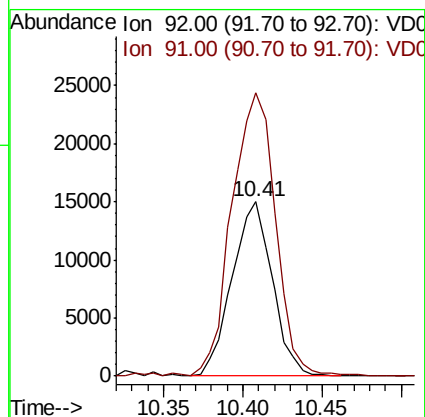
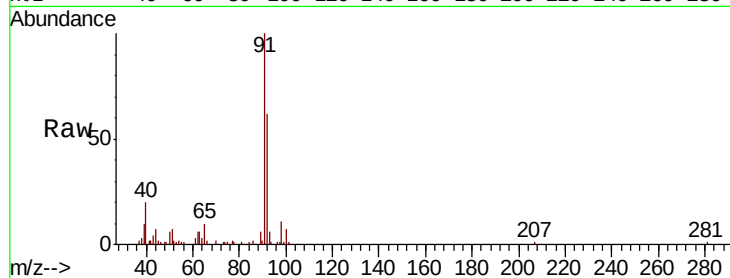
OK-01-112119

Tot Ion: 92 Resp: 26465

Ion Ratio Lower Upper

92 100

91 176.1 136.4 204.6



#62

4-Bromofluorobenzene

Concen: 49.172 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064332.D

Acq: 21 Nov 2019 18:51

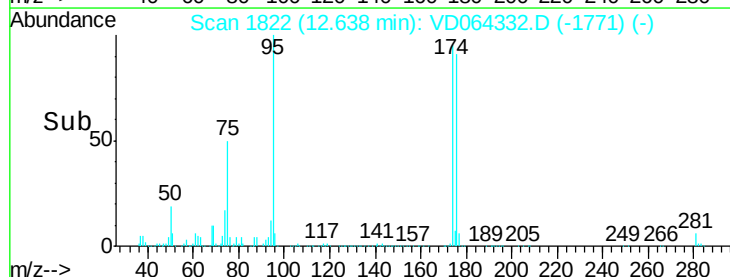
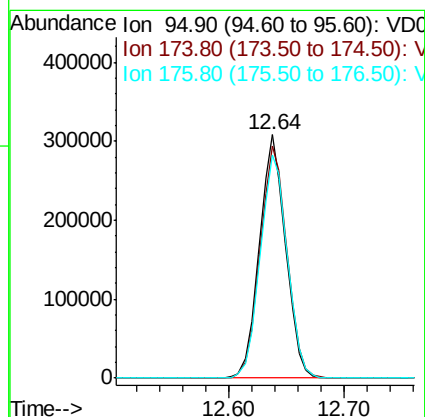
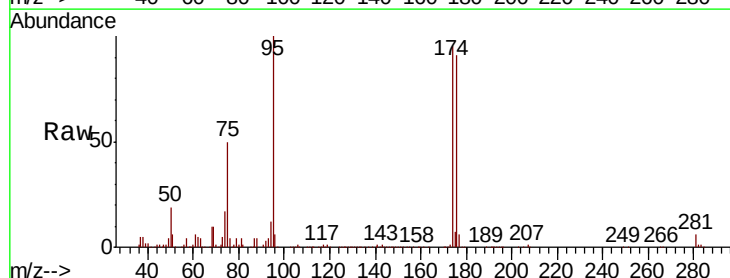
Tgt Ion: 95 Resp: 486449

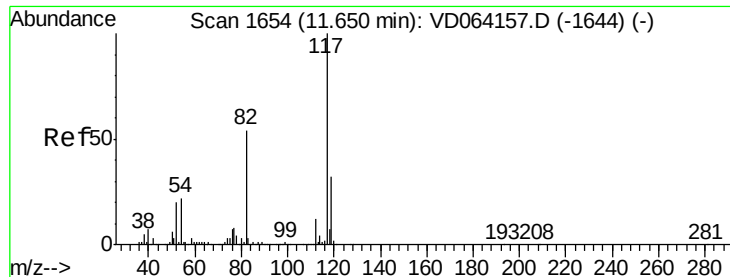
Ion Ratio Lower Upper

95 100

174 98.3 0.0 183.6

176 95.2 0.0 180.2

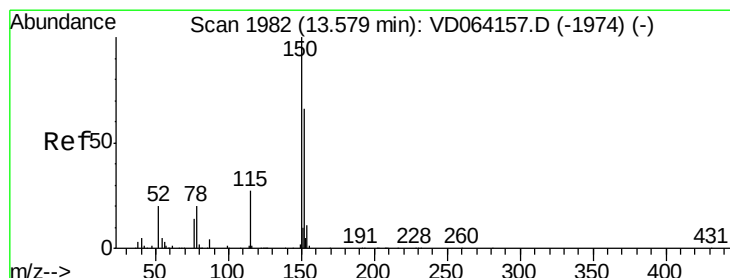
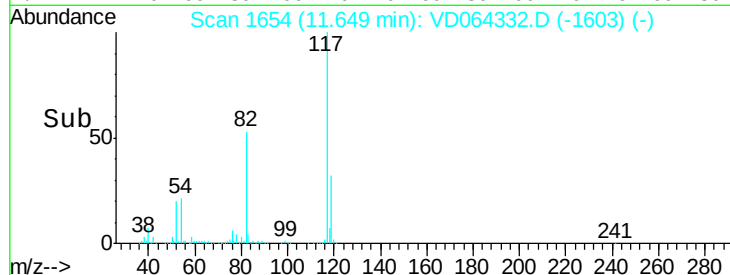
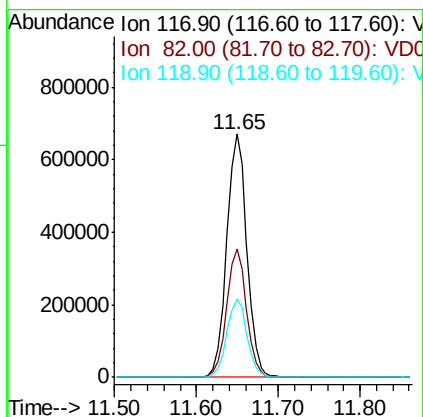
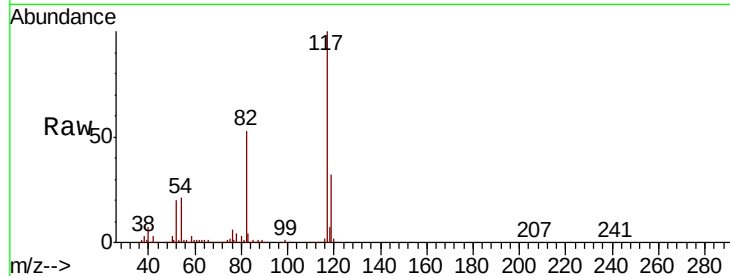




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064332.D
Acq: 21 Nov 2019 18:51

Instrument :
MSVOA_D
ClientSampleId :
OK-01-112119

Tot Ion:117 Resp: 1146826
Ion Ratio Lower Upper
117 100
82 52.6 42.8 64.2
119 32.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064332.D
Acq: 21 Nov 2019 18:51

Tgt Ion:152 Resp: 535651
Ion Ratio Lower Upper
152 100
115 53.7 27.4 82.2
150 156.8 0.0 351.6

