

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111519\
 Data File : VD064221.D
 Acq On : 15 Nov 2019 12:14
 Operator : VA/SY
 Sample : K5671-06
 Misc : 6.30G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-111419

Quant Time: Nov 16 05:40:41 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

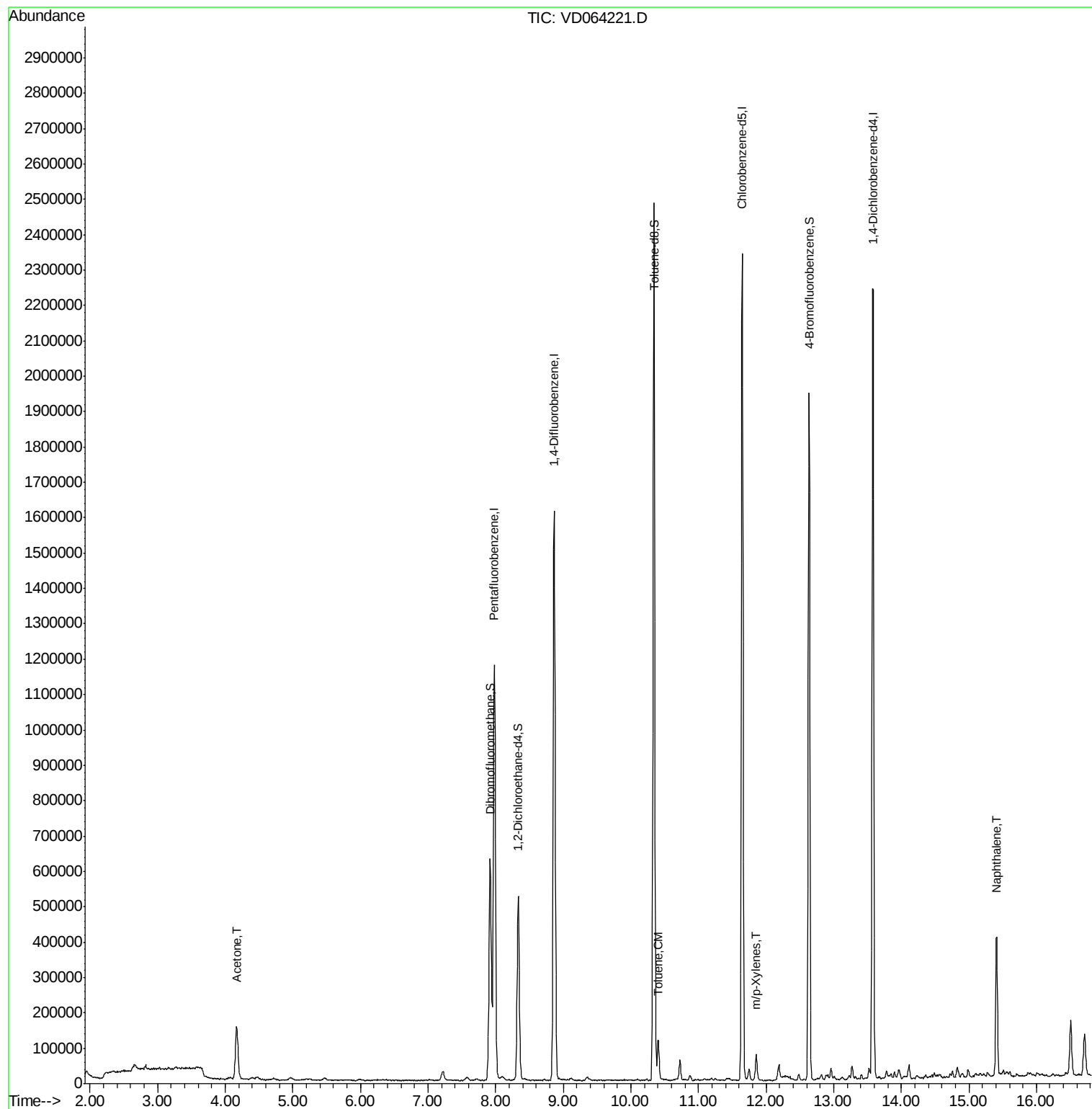
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	953871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1412358	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1324778	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	626007	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	418061	53.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.58%	
35) Dibromofluoromethane	7.92	113	432579	53.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.72%	
50) Toluene-d8	10.34	98	1663804	54.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.80%	
62) 4-Bromofluorobenzene	12.64	95	590163	55.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.44%	
Target Compounds						
16) Acetone	4.17	43	268795	144.631	ug/l	97
52) Toluene	10.41	92	45802	1.955	ug/l	99
68) m/p-Xylenes	11.86	106	22257	1.192	ug/l	96
95) Naphthalene	15.41	128	356837	16.089	ug/l	99

(#) = 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: VD064221.D

Acq: 15 Nov 2019 12:14

Instrument :

MSVOA_D

ClientSampleId :

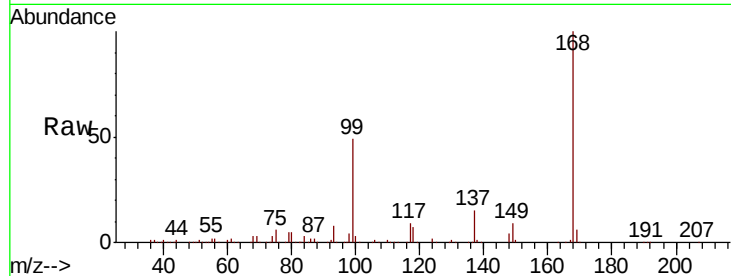
OR-03-111419

Tot Ion:168 Resp: 953871

Ion Ratio Lower Upper

168 100

99 48.6 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

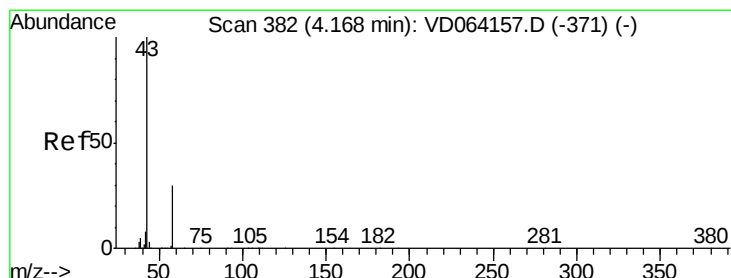
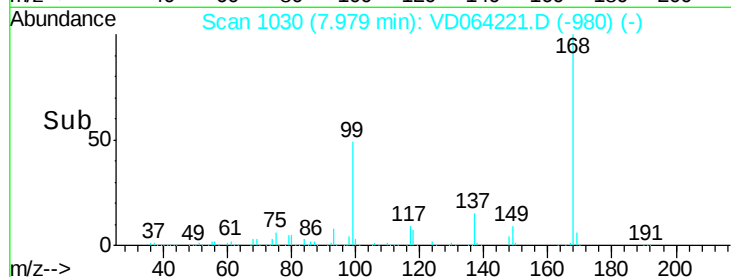
0

Time-->

7.90

8.00

8.10



#16

Acetone

Concen: 144.631 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD064221.D

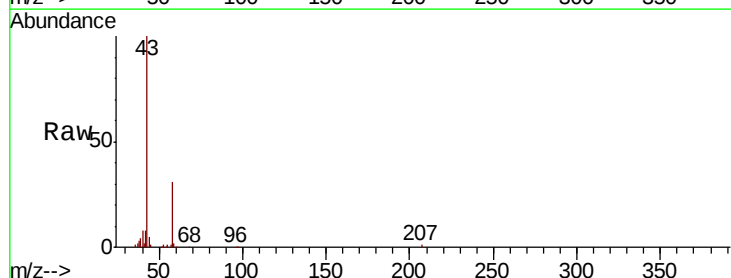
Acq: 15 Nov 2019 12:14

Tgt Ion: 43 Resp: 268795

Ion Ratio Lower Upper

43 100

58 31.6 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

100000

80000

60000

40000

20000

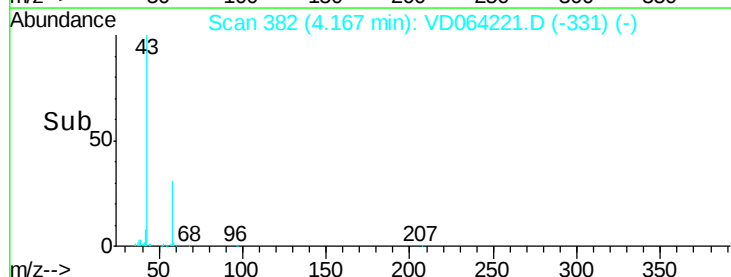
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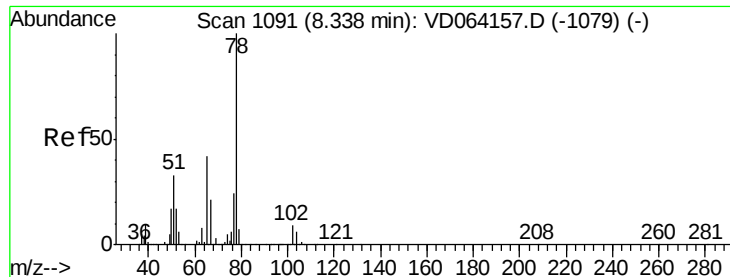
Time-->

4.10

4.20

4.30





#33

1,2-Dichloroethane-d4

Concen: 53.290 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064221.D

Acq: 15 Nov 2019 12:14

Instrument :

MSVOA_D

ClientSampleId :

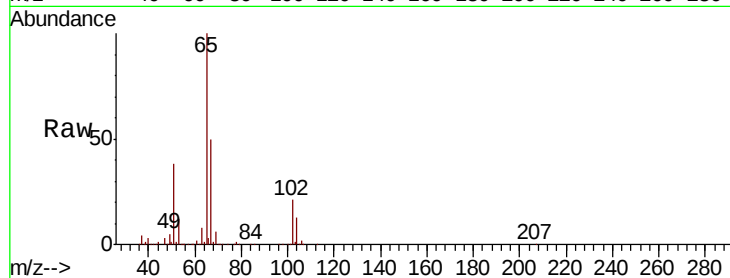
OR-03-111419

Tot Ion: 65 Resp: 418061

Ion Ratio Lower Upper

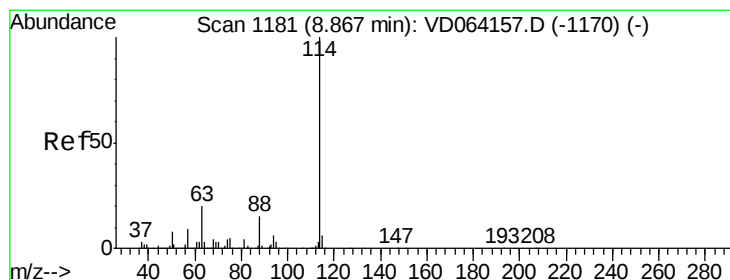
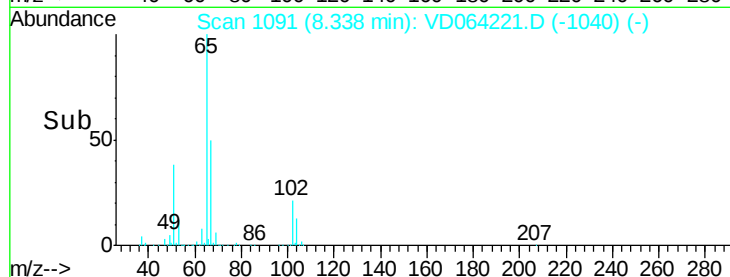
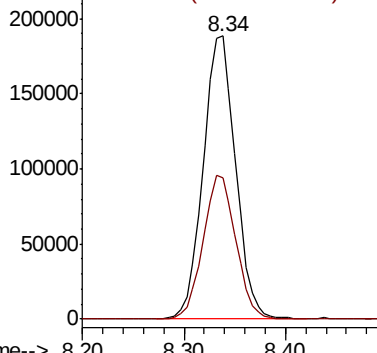
65 100

67 51.7 0.0 104.4



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: VD064221.D

Acq: 15 Nov 2019 12:14

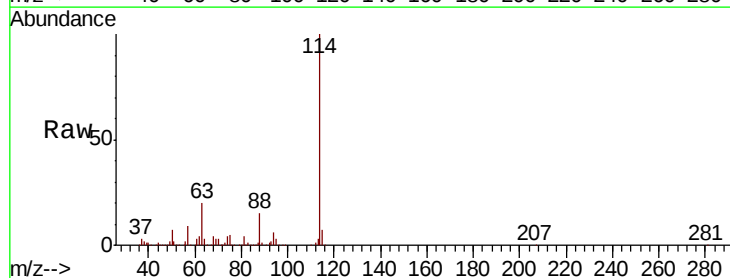
Tgt Ion: 114 Resp: 1412358

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

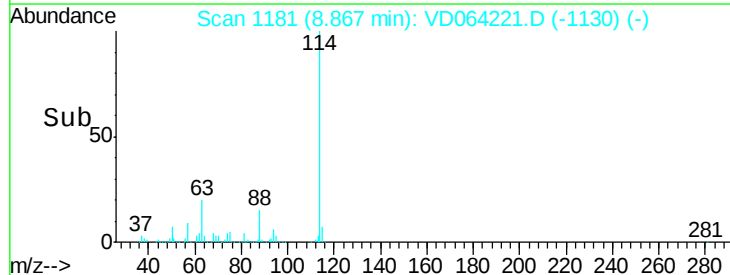
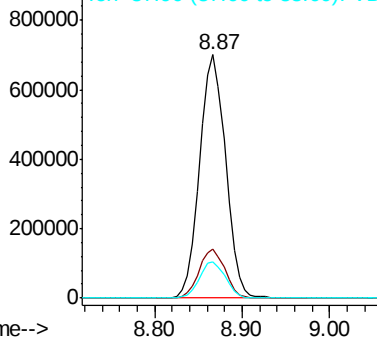
88 15.1 0.0 30.2

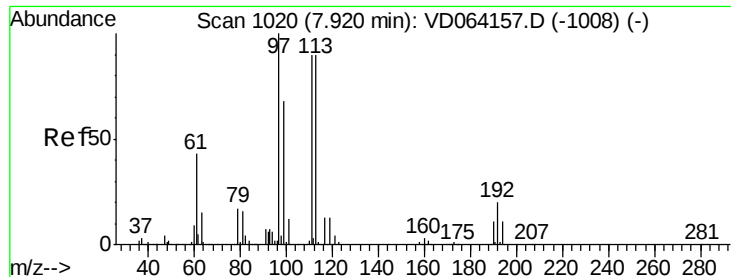


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

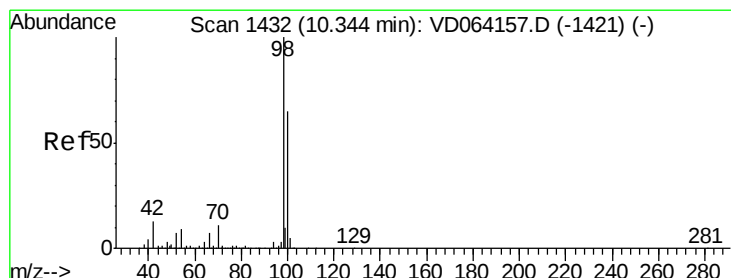
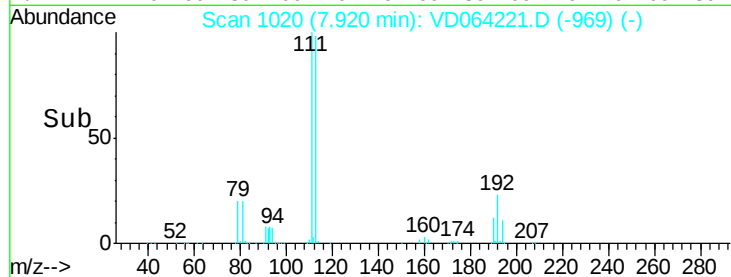
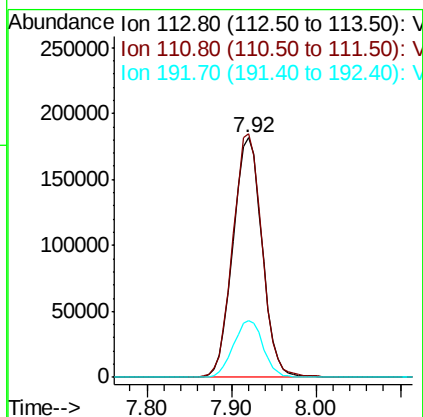
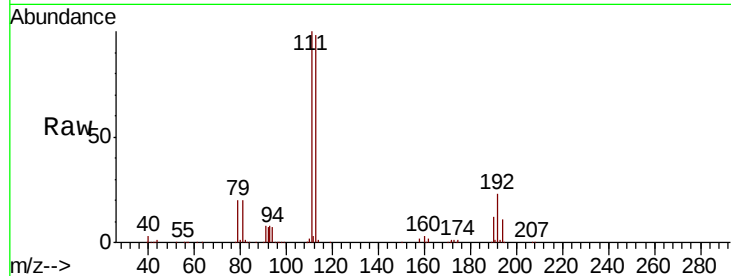




#35
 Dibromofluoromethane
 Concen: 53.358 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064221.D
 Acq: 15 Nov 2019 12:14

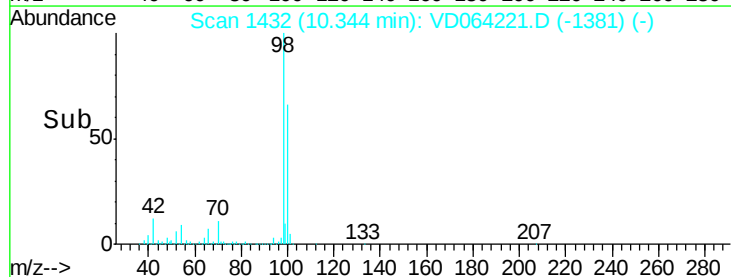
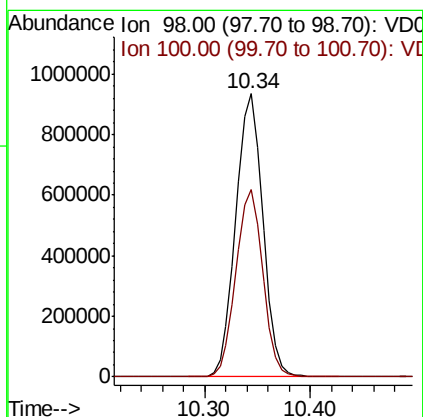
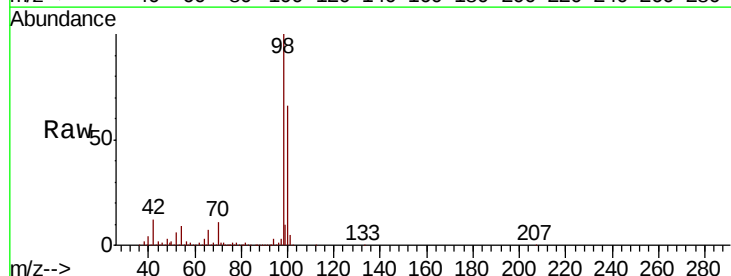
Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-111419

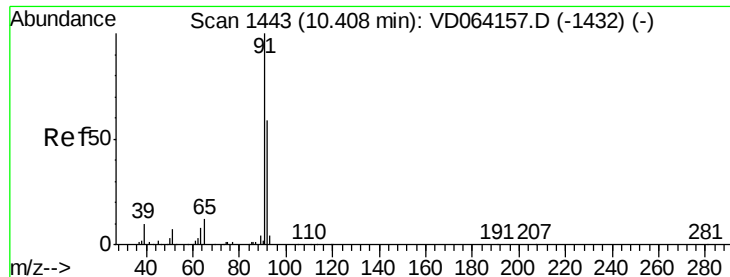
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.5	122.3
192	24.0	18.8	28.2



#50
 Toluene-d8
 Concen: 54.402 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD064221.D
 Acq: 15 Nov 2019 12:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.6	78.8





#52

Toluene

Concen: 1.955 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD064221.D

Acq: 15 Nov 2019 12:14

Instrument :

MSVOA_D

ClientSampleId :

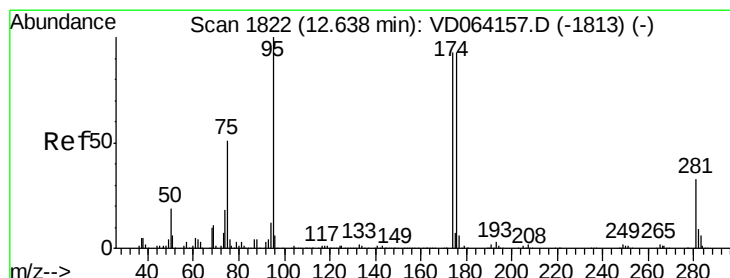
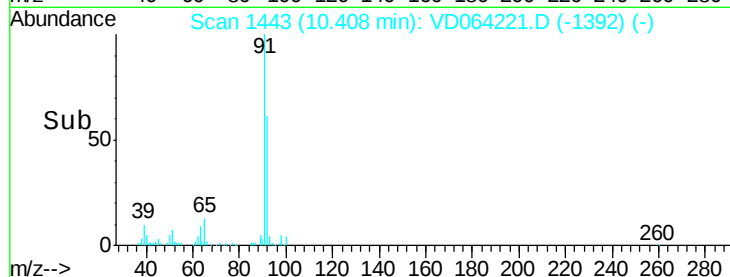
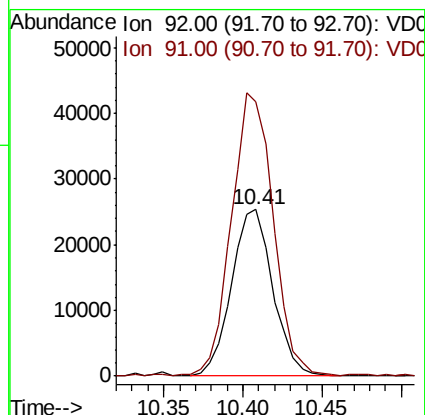
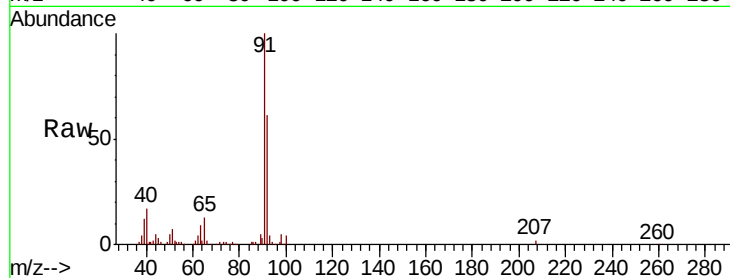
OR-03-111419

Tot Ion: 92 Resp: 45802

Ion Ratio Lower Upper

92 100

91 171.9 136.4 204.6



#62

4-Bromofluorobenzene

Concen: 55.721 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064221.D

Acq: 15 Nov 2019 12:14

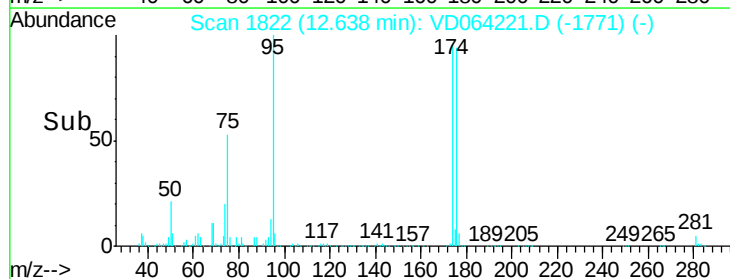
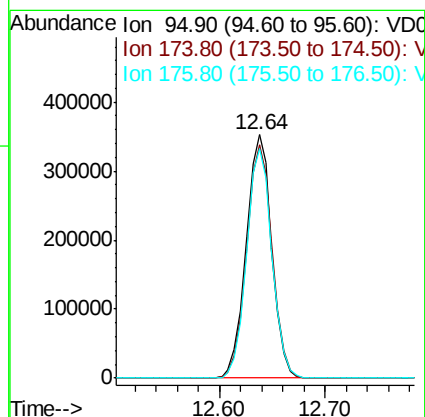
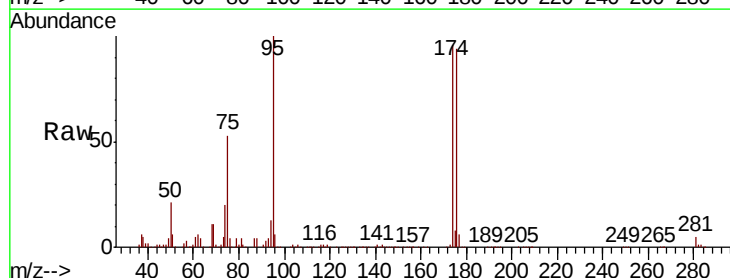
Tgt Ion: 95 Resp: 590163

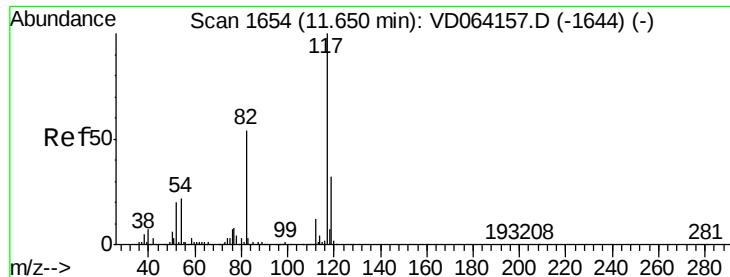
Ion Ratio Lower Upper

95 100

174 95.9 0.0 183.6

176 93.4 0.0 180.2

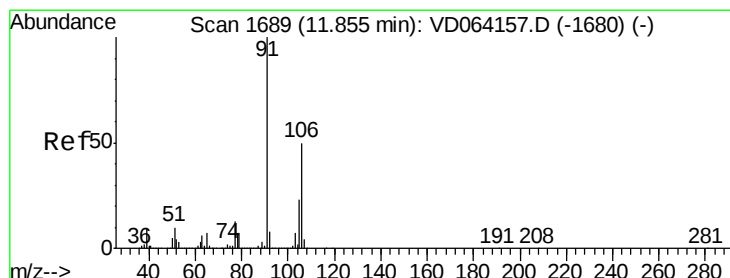
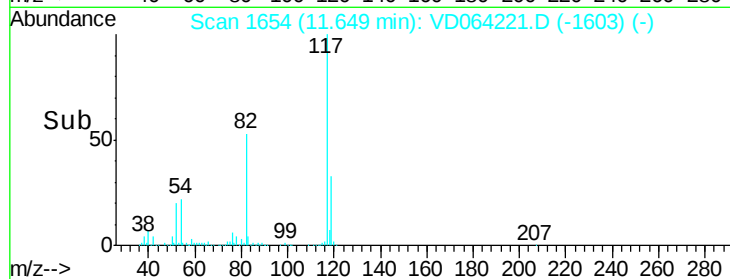
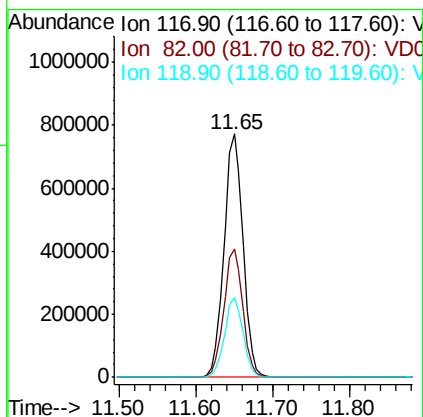
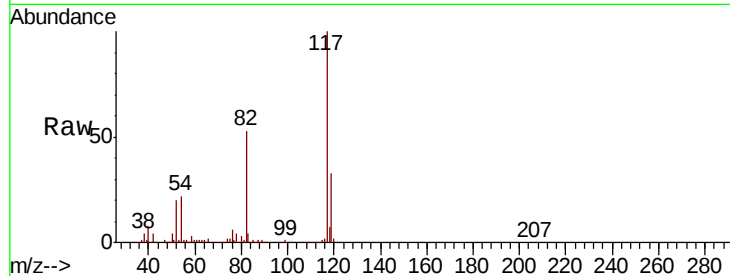




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064221.D
Acq: 15 Nov 2019 12:14

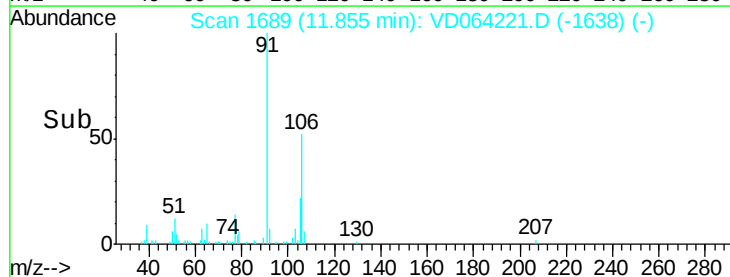
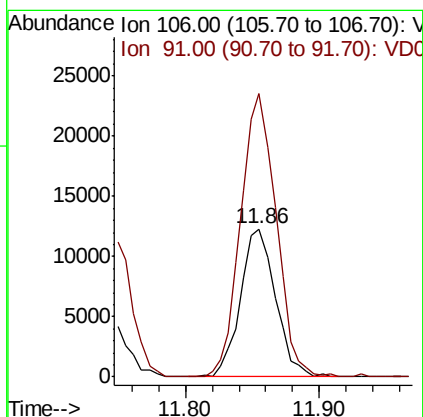
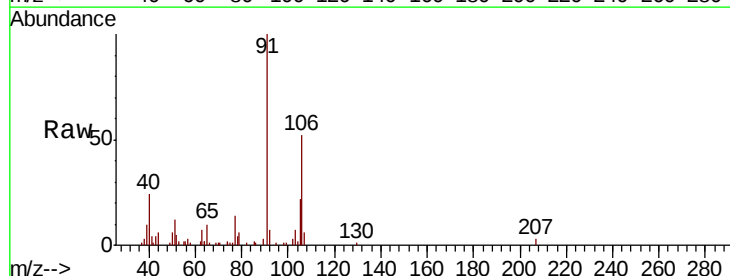
Instrument :
MSVOA_D
ClientSampleId :
OR-03-111419

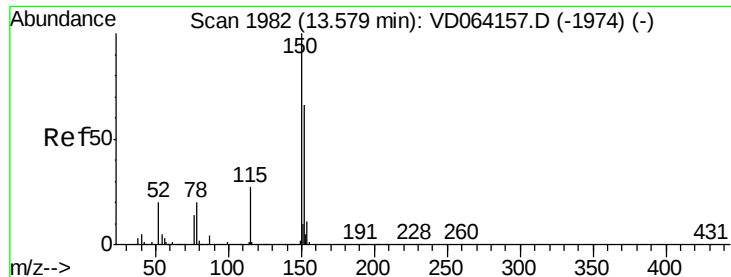
Tot Ion:117 Resp: 1324778
Ion Ratio Lower Upper
117 100
82 52.8 42.8 64.2
119 32.9 25.6 38.4



#68
m/p-Xylenes
Concen: 1.192 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD064221.D
Acq: 15 Nov 2019 12:14

Tgt Ion:106 Resp: 22257
Ion Ratio Lower Upper
106 100
91 194.3 160.3 240.5



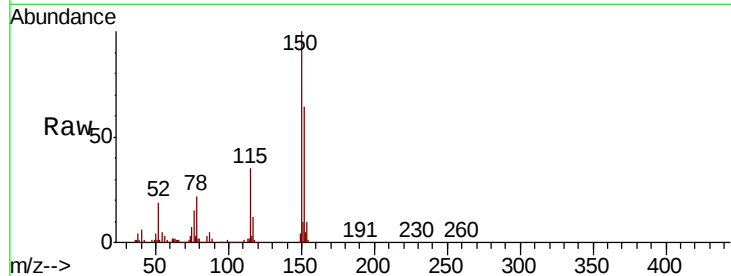


#72

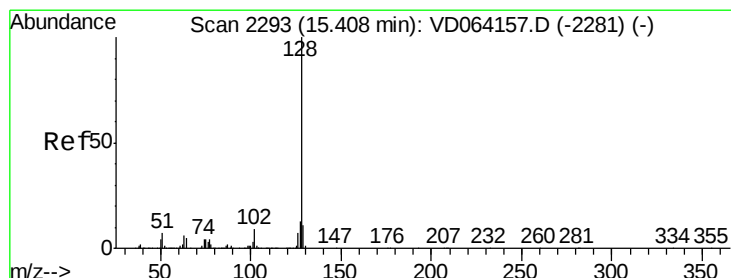
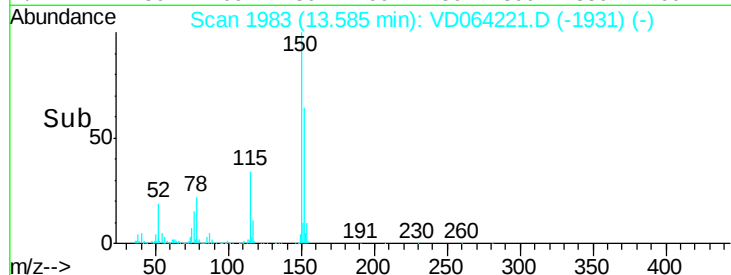
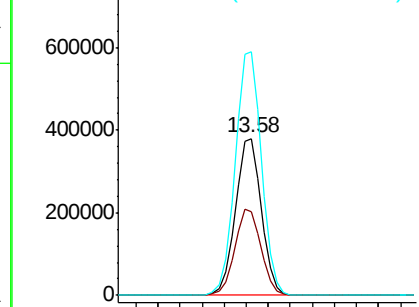
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064221.D
Acq: 15 Nov 2019 12:14

Instrument :
MSVOA_D
ClientSampleId :
OR-03-111419

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.5	27.4	82.2
150	156.7	0.0	351.6



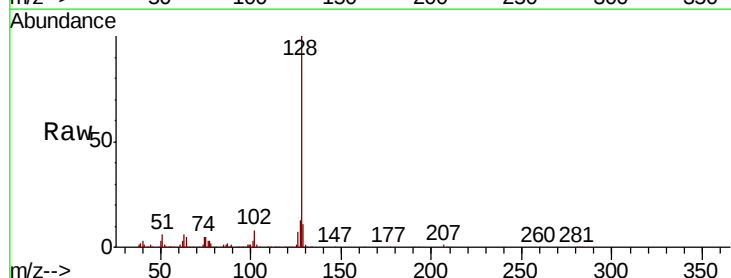
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 16.089 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD064221.D
Acq: 15 Nov 2019 12:14

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	11.6	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

