

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112519\
 Data File : VD064356.D
 Acq On : 25 Nov 2019 13:08
 Operator : VA/SY
 Sample : K5672-01
 Misc : 7.91G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-112219

Quant Time: Nov 26 05:58:42 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

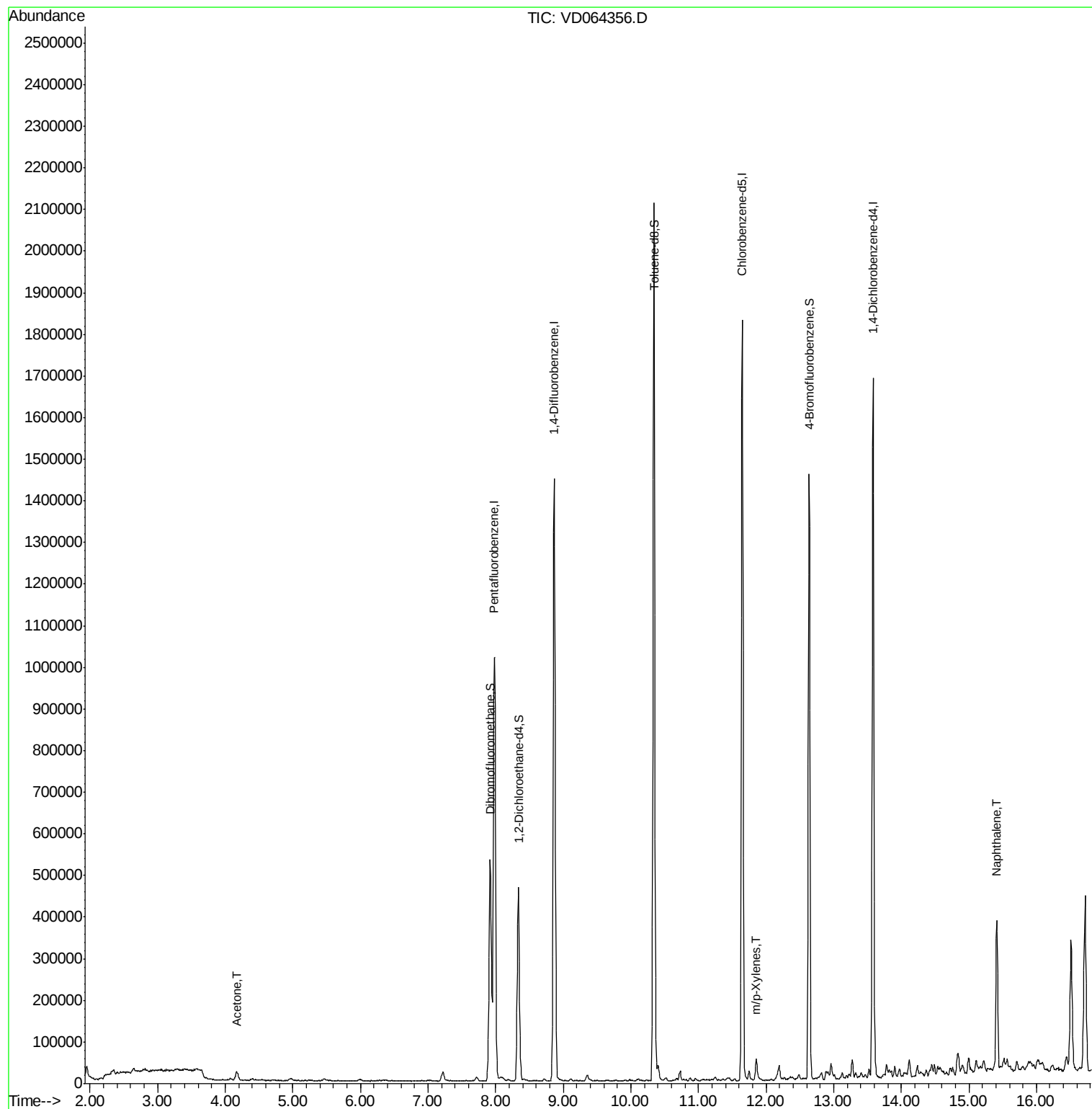
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	852272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1244952	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1052914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	461593	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	357825	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
35) Dibromofluoromethane	7.92	113	370525	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
50) Toluene-d8	10.34	98	1429854	53.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.08%	
62) 4-Bromofluorobenzene	12.64	95	435442	46.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.28%	
Target Compounds						
16) Acetone	4.16	43	38157	22.979	ug/l #	87
68) m/p-Xylenes	11.86	106	15611	1.052	ug/l	90
95) Naphthalene	15.41	128	326681	19.976	ug/l	99

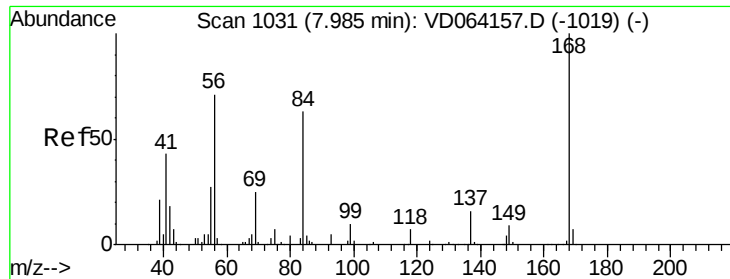
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064356.D

Acq: 25 Nov 2019 13:08

Instrument :

MSVOA_D

ClientSampleId :

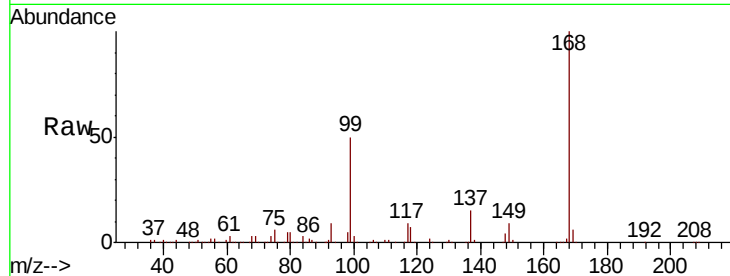
EO-02-112219

Tot Ion:168 Resp: 852272

Ion Ratio Lower Upper

168 100

99 50.1 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

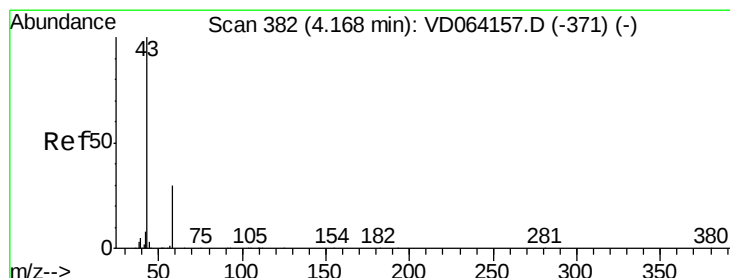
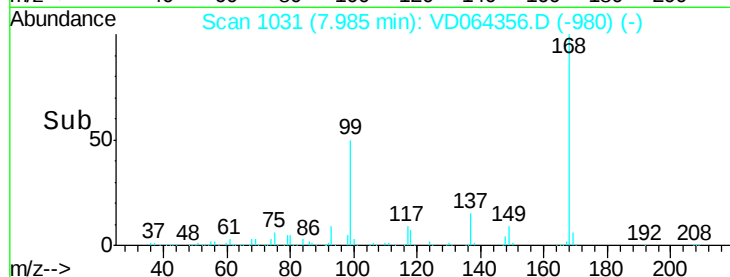
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 22.979 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064356.D

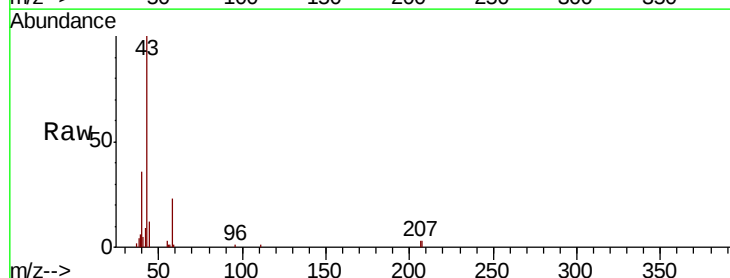
Acq: 25 Nov 2019 13:08

Tgt Ion: 43 Resp: 38157

Ion Ratio Lower Upper

43 100

58 23.1 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

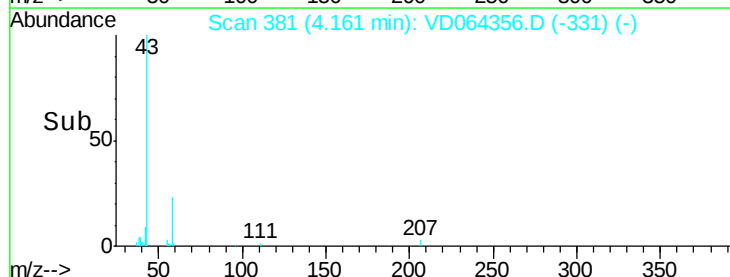
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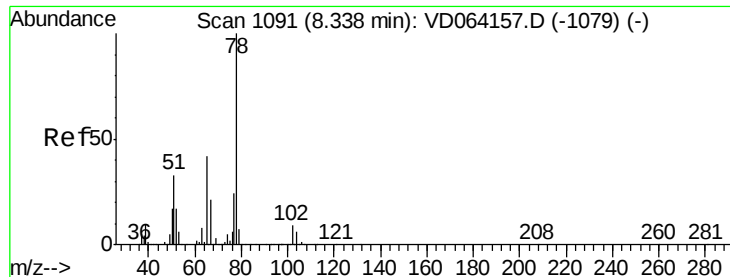
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5000

0

Time-->

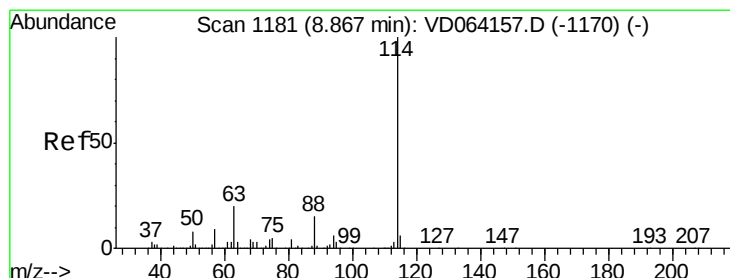
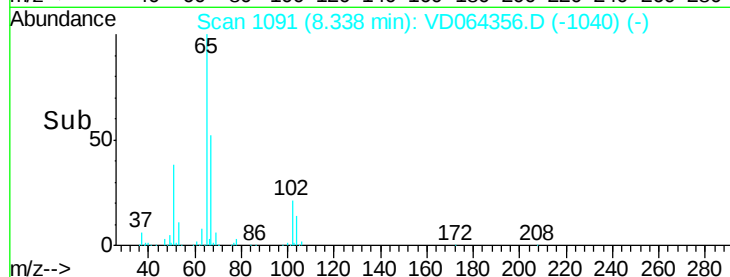
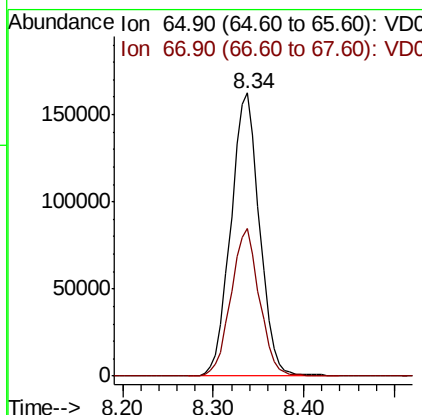
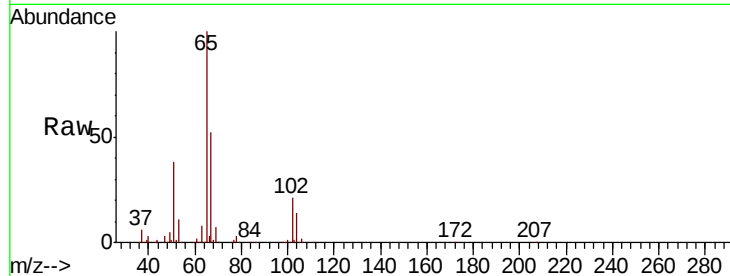




#33
 1,2-Dichloroethane-d4
 Concen: 51.049 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD064356.D
 Acq: 25 Nov 2019 13:08

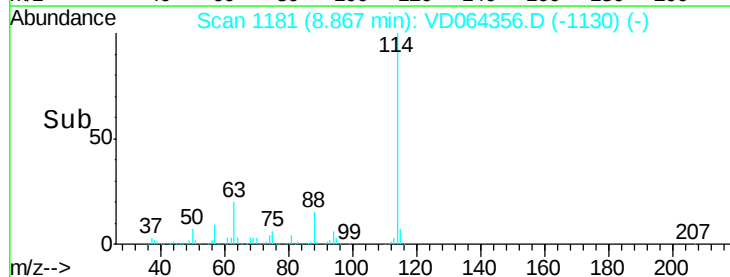
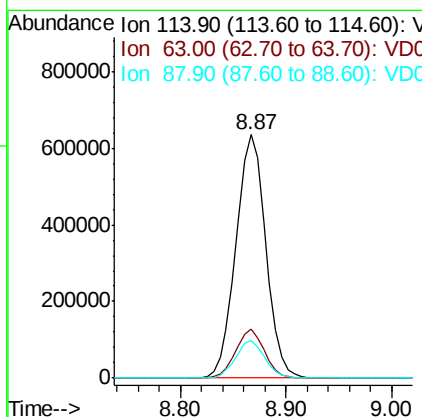
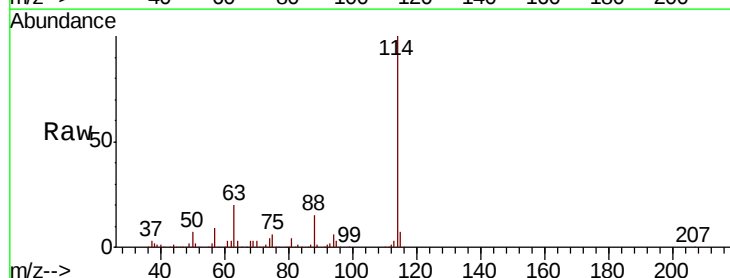
Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-112219

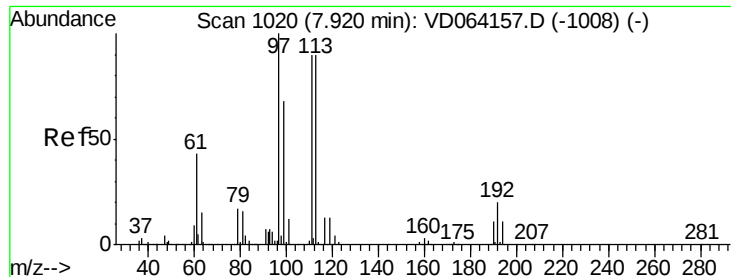
Tot Ion: 65 Resp: 357825
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064356.D
 Acq: 25 Nov 2019 13:08

Tgt Ion: 114 Resp: 1244952
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 15.2 0.0 30.2

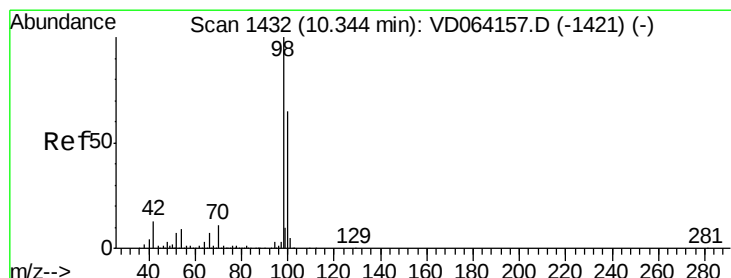
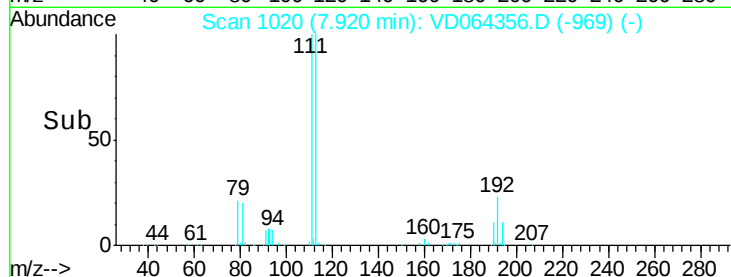
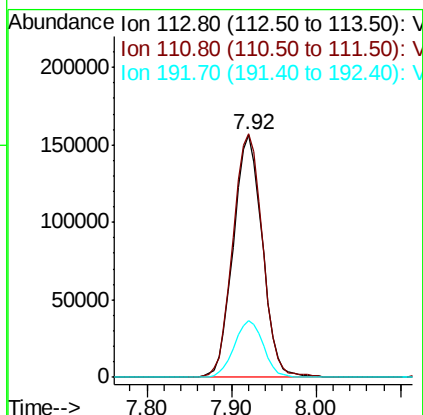
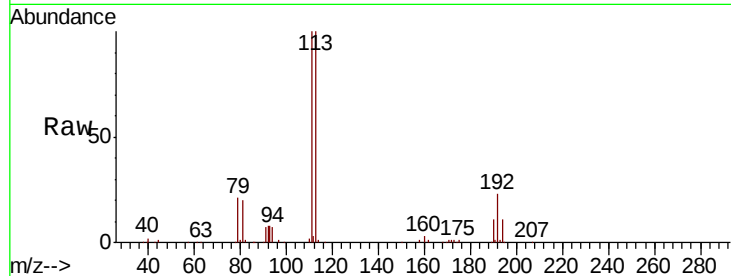




#35
 Dibromofluoromethane
 Concen: 51.849 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064356.D
 Acq: 25 Nov 2019 13:08

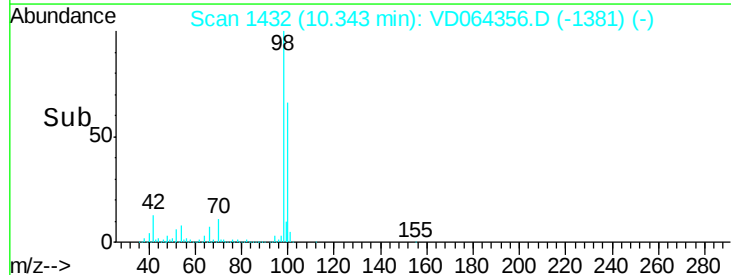
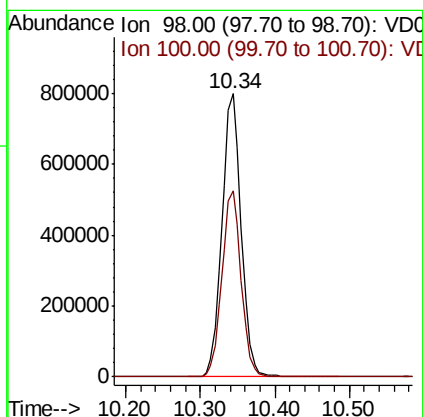
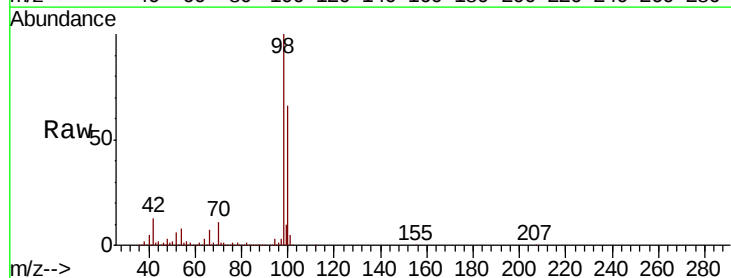
Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-112219

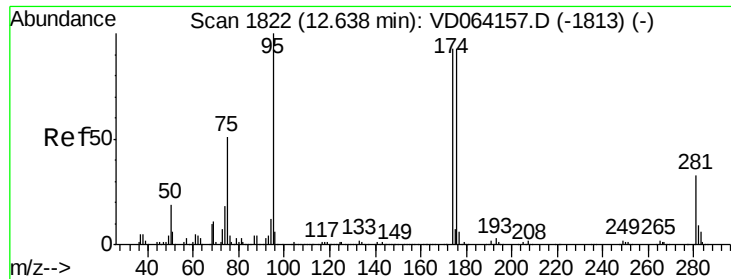
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.5	122.3
192	23.7	18.8	28.2



#50
 Toluene-d8
 Concen: 53.039 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD064356.D
 Acq: 25 Nov 2019 13:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.6	78.8

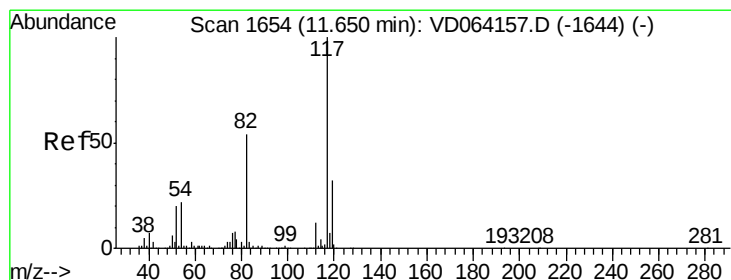
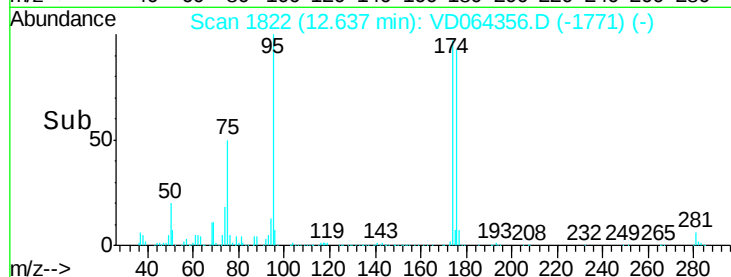
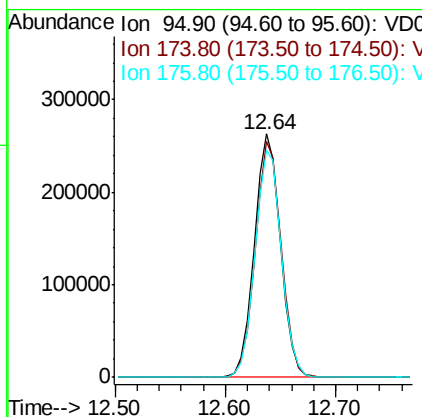
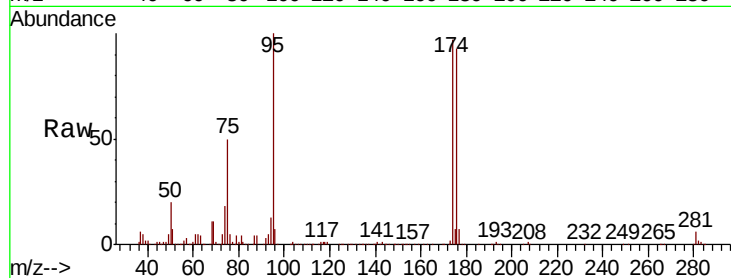




#62
4-Bromofluorobenzene
Concen: 46.641 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064356.D
Acq: 25 Nov 2019 13:08

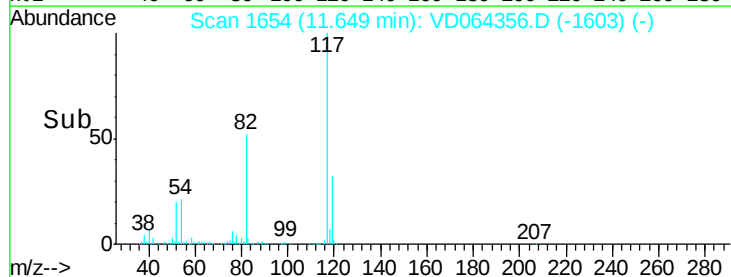
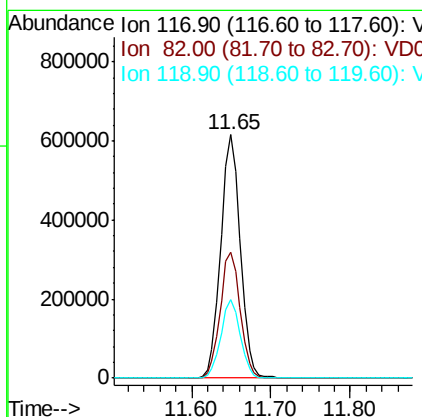
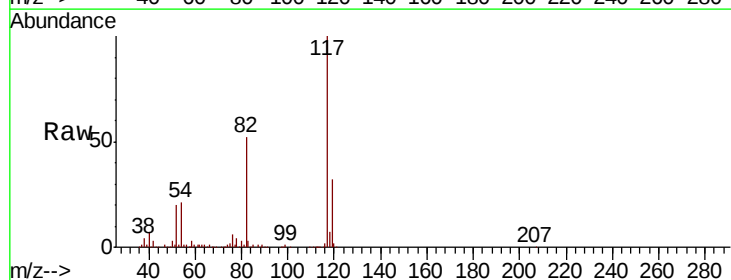
Instrument :
MSVOA_D
ClientSampleId :
EO-02-112219

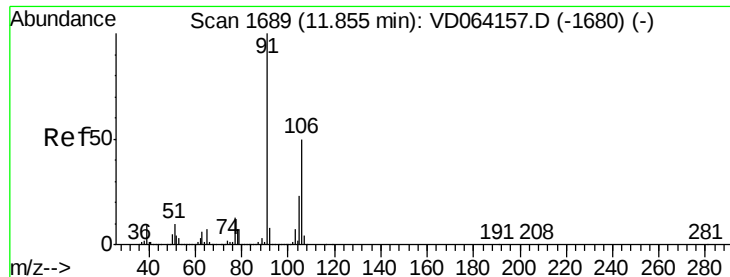
Tot Ion: 95 Resp: 435442
Ion Ratio Lower Upper
95 100
174 96.5 0.0 183.6
176 94.2 0.0 180.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064356.D
Acq: 25 Nov 2019 13:08

Tgt Ion: 117 Resp: 1052914
Ion Ratio Lower Upper
117 100
82 51.8 42.8 64.2
119 32.3 25.6 38.4





#68

m/p-Xvlenes

Concen: 1.052 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD064356.D

Acq: 25 Nov 2019 13:08

Instrument :

MSVOA_D

ClientSampleId :

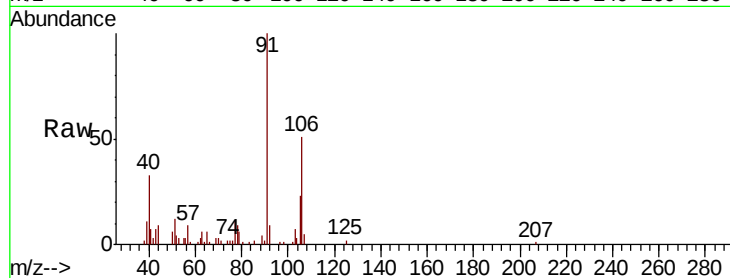
EO-02-112219

Tot Ion:106 Resp: 15611

Ion Ratio Lower Upper

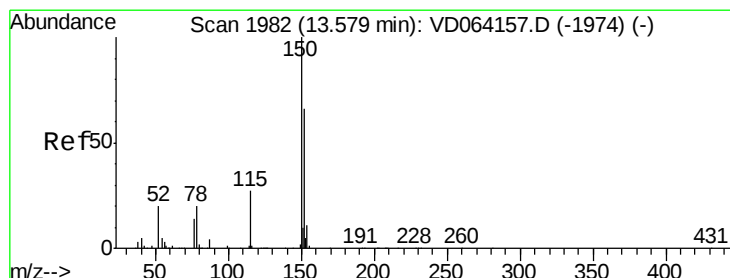
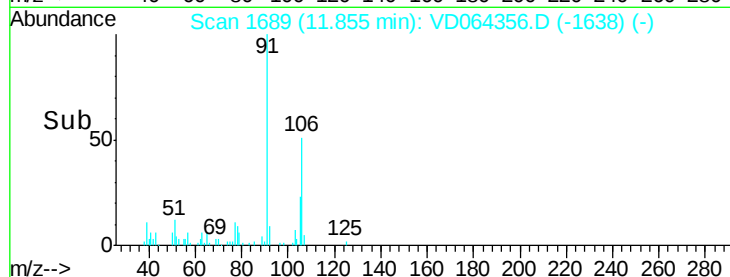
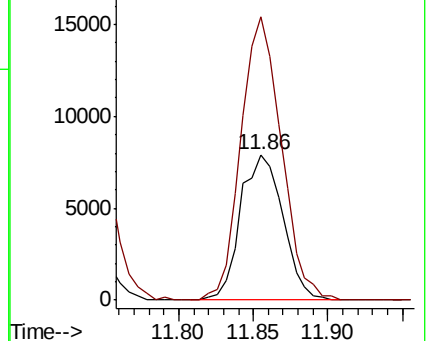
106 100

91 185.3 160.3 240.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD064356.D

Acq: 25 Nov 2019 13:08

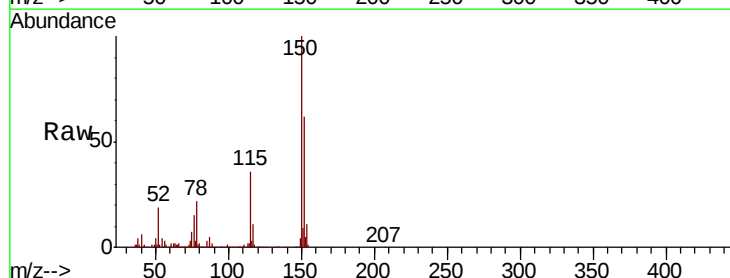
Tgt Ion:152 Resp: 461593

Ion Ratio Lower Upper

152 100

115 55.5 27.4 82.2

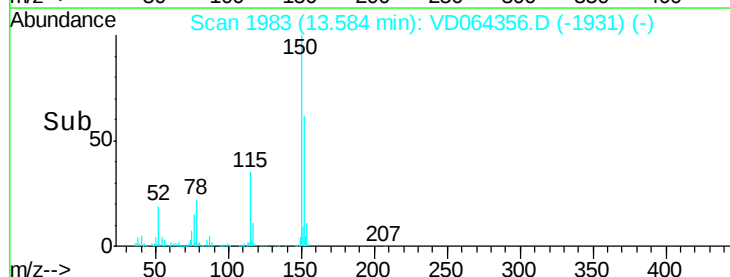
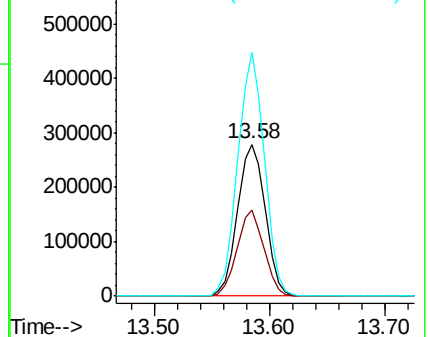
150 155.0 0.0 351.6

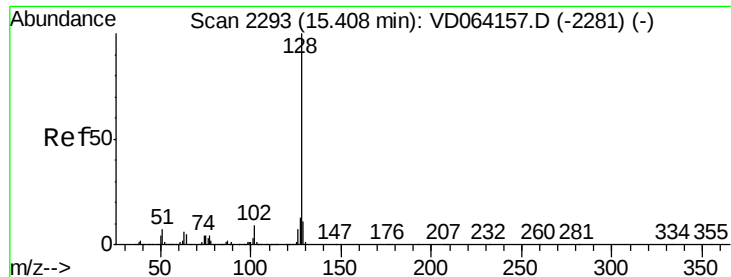


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95
Naphthalene
Concen: 19.976 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.01 min
Lab File: VD064356.D
Acq: 25 Nov 2019 13:08

Instrument :
MSVOA_D
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EO-02-112219

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.5	15.7
129	11.1	8.6	13.0

