

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120519\
 Data File : VD064439.D
 Acq On : 05 Dec 2019 16:33
 Operator : VA/SY
 Sample : K6147-01RE
 Misc : 5.39G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P001-WC001RE

Quant Time: Dec 06 06:33:35 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	7.99	168	290145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	453243	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	431327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	200154	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	166553	63.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	126.84%	
35) Dibromofluoromethane	7.92	113	148393	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	
50) Toluene-d8	10.34	98	535348	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
62) 4-Bromofluorobenzene	12.64	95	182627	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	

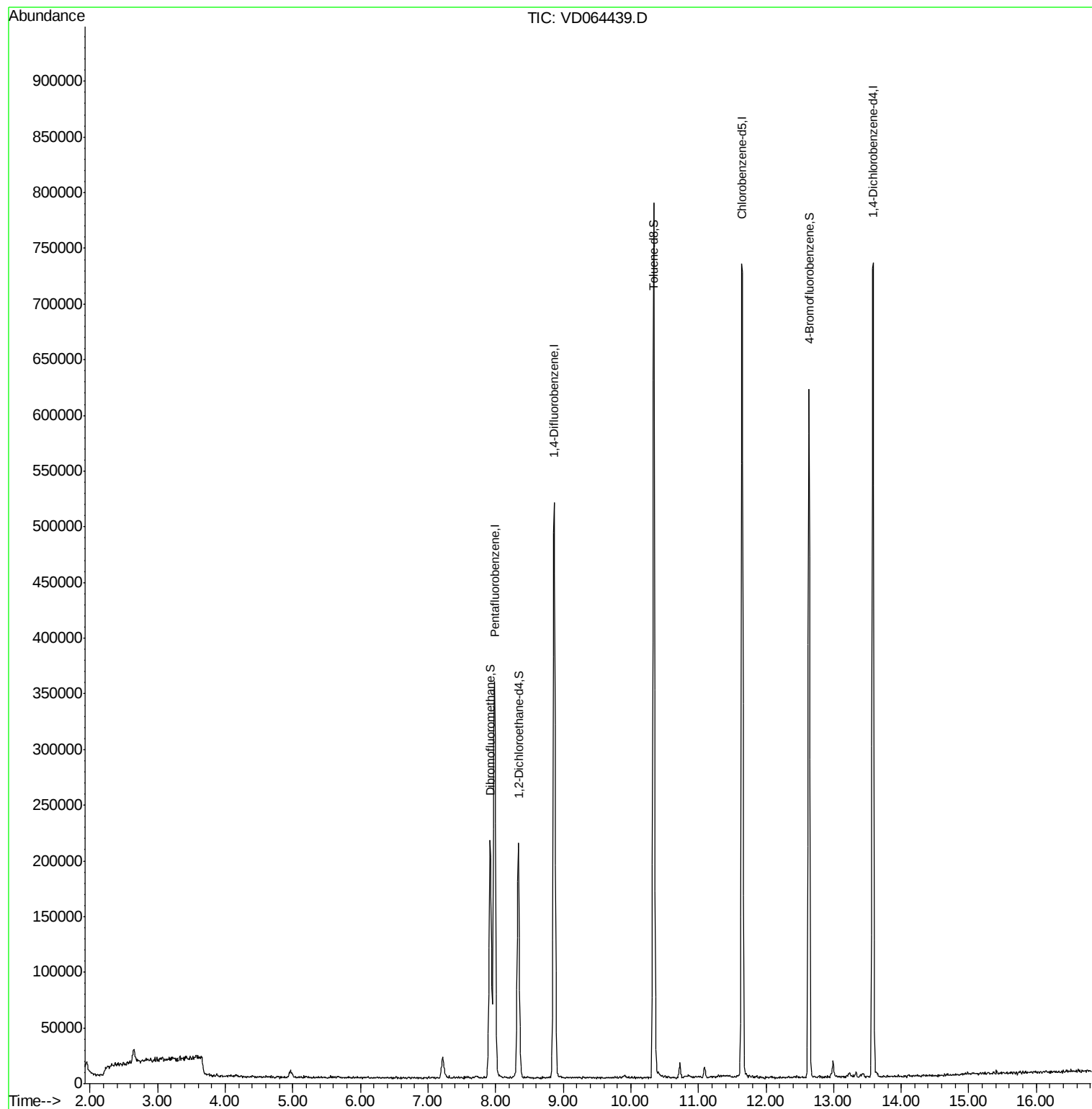
Target Compounds	Qvalue
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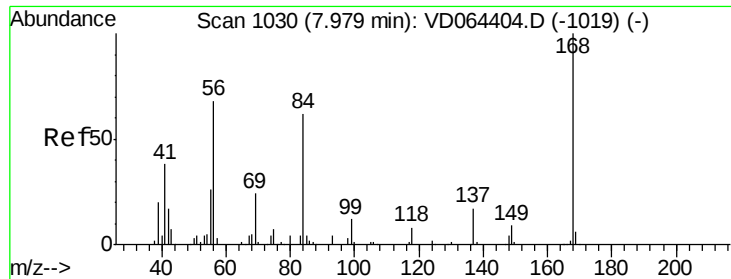
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD064439.D

Acq: 05 Dec 2019 16:33

Instrument :

MSVOA_D

ClientSampleId :

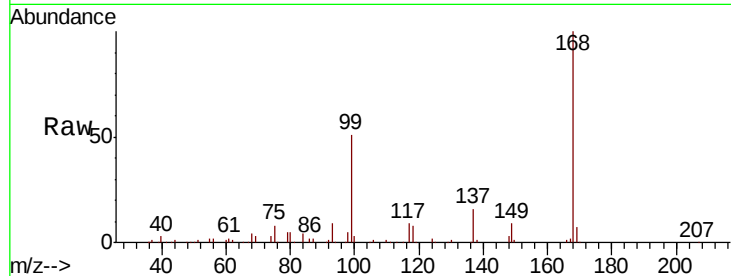
P001-WC001RE

Tot Ion:168 Resp: 290145

Ion Ratio Lower Upper

168 100

99 51.2 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

150000

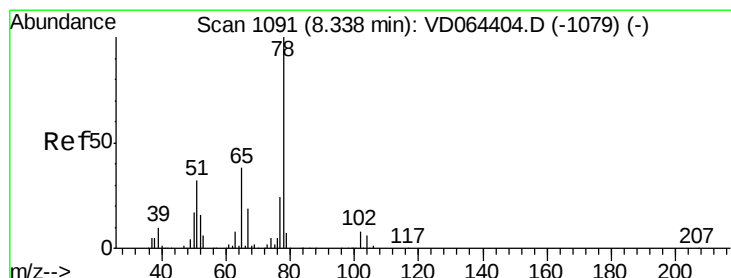
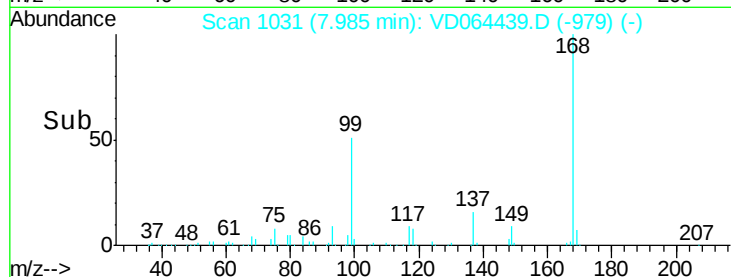
100000

50000

0

Time-->

7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 63.419 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064439.D

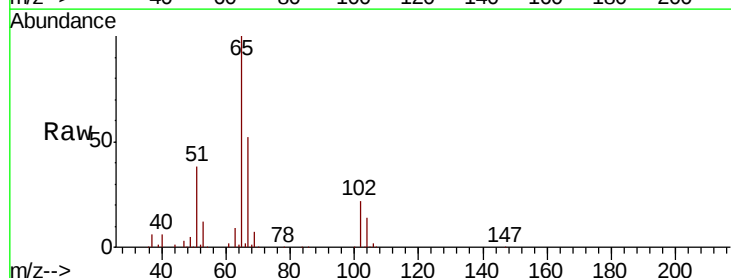
Acq: 05 Dec 2019 16:33

Tgt Ion: 65 Resp: 166553

Ion Ratio Lower Upper

65 100

67 50.2 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

80000

60000

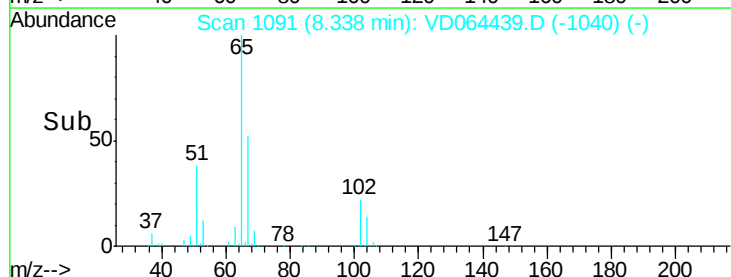
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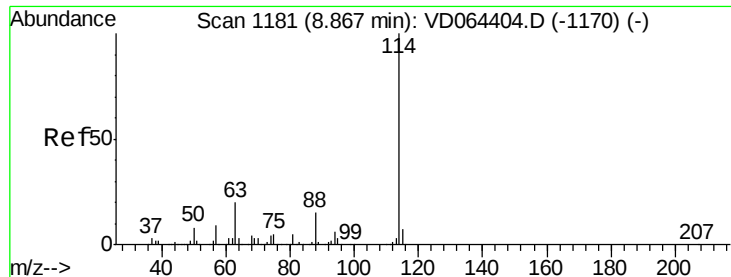
20000

0

Time-->

8.25 8.30 8.35 8.40

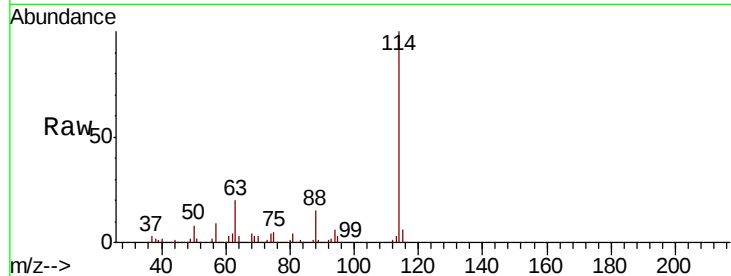




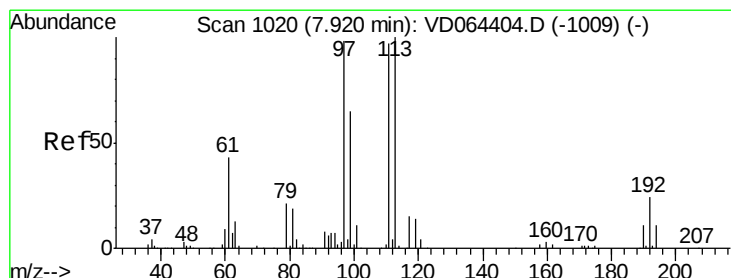
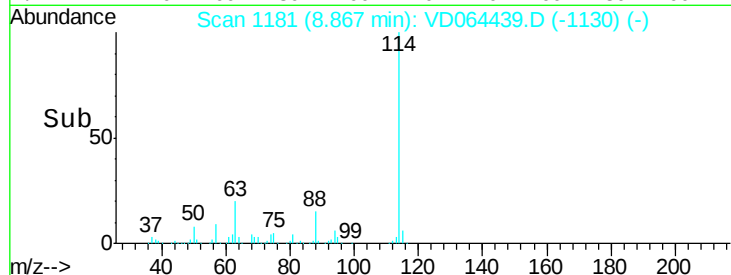
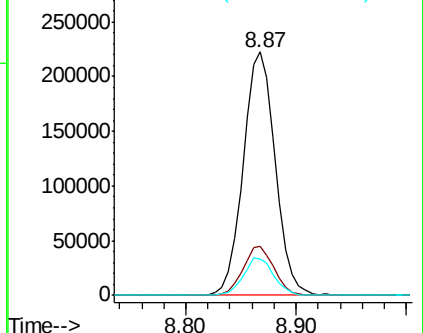
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064439.D
 Acq: 05 Dec 2019 16:33

Instrument :
 MSVOA_D
 ClientSampleId :
 P001-WC001RE

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	40.0
88	15.0	0.0	29.2

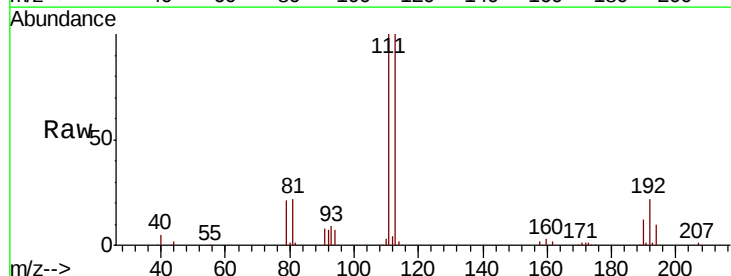


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

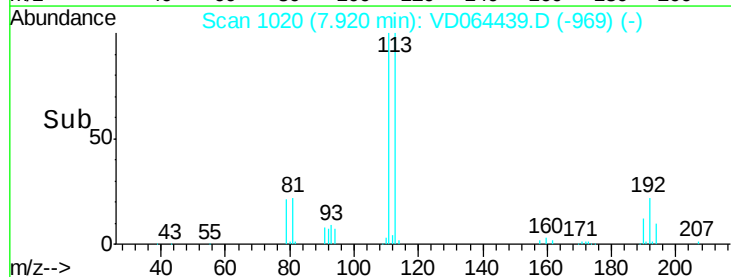
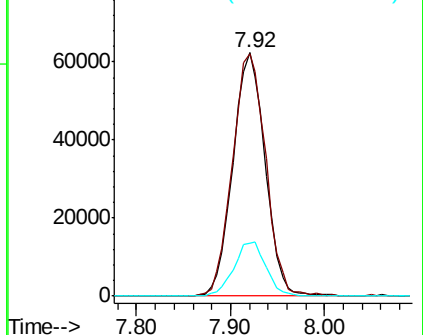


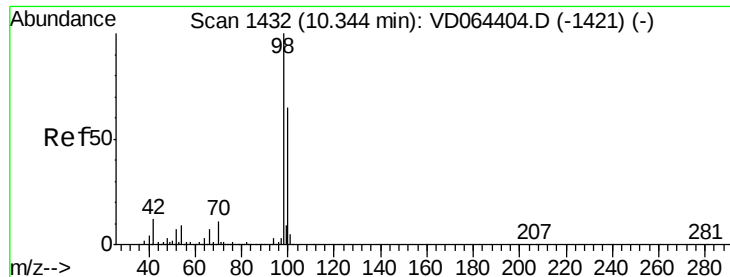
#35
 Dibromofluoromethane
 Concen: 51.965 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064439.D
 Acq: 05 Dec 2019 16:33

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	79.4	119.2
192	22.2	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

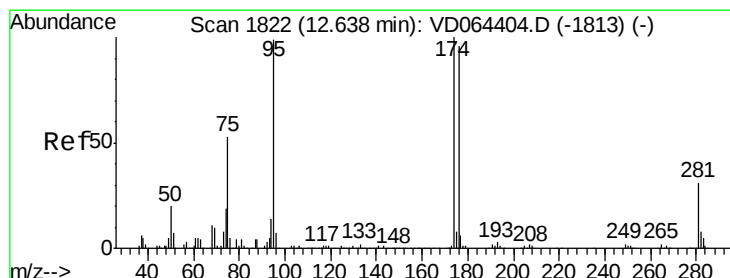
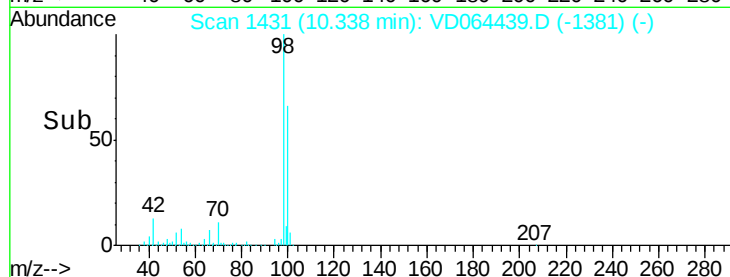
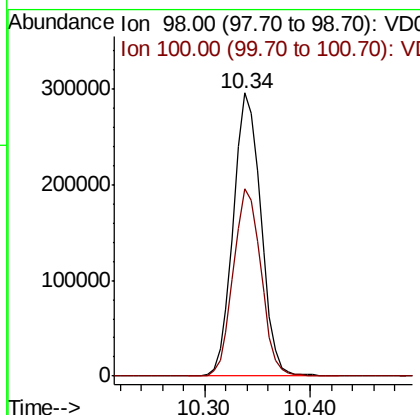
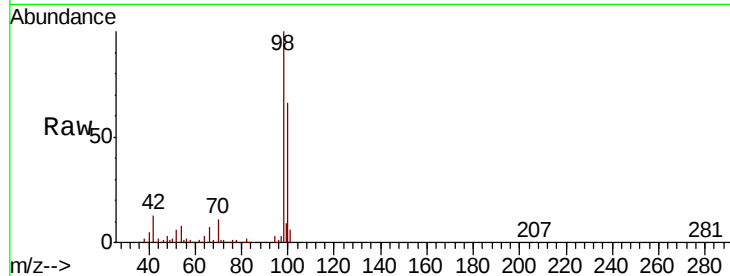




#50
Toluene-d8
Concen: 49.768 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064439.D
Acq: 05 Dec 2019 16:33

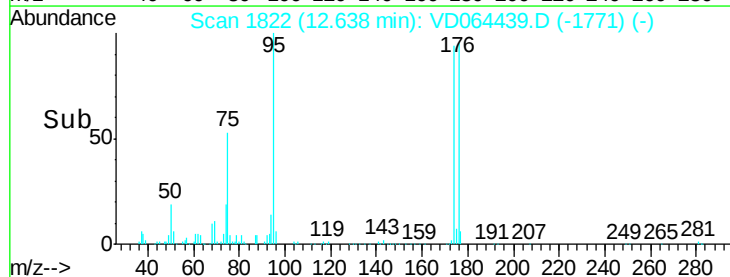
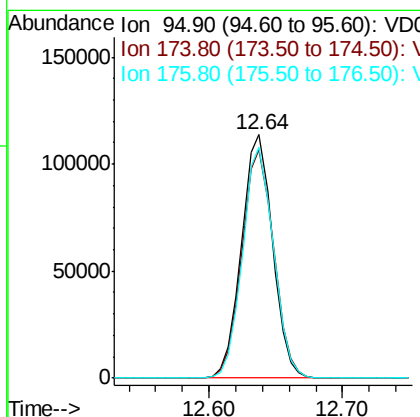
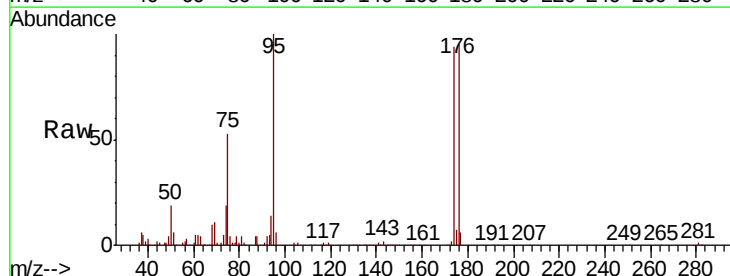
Instrument :
MSVOA_D
ClientSampleId :
P001-WC001RE

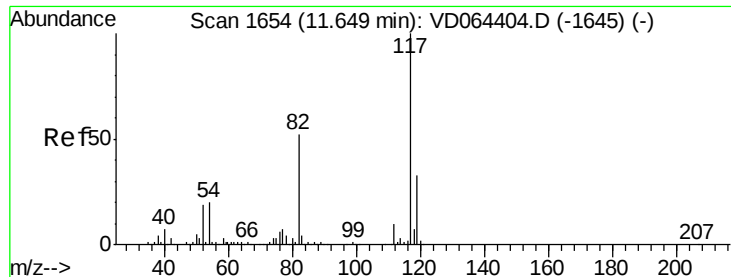
Tot Ion: 98 Resp: 535348
Ion Ratio Lower Upper
98 100
100 66.3 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 52.828 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064439.D
Acq: 05 Dec 2019 16:33

Tgt Ion: 95 Resp: 182627
Ion Ratio Lower Upper
95 100
174 96.1 0.0 197.2
176 94.3 0.0 189.6

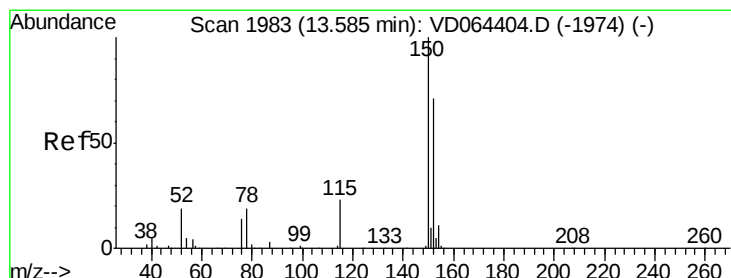
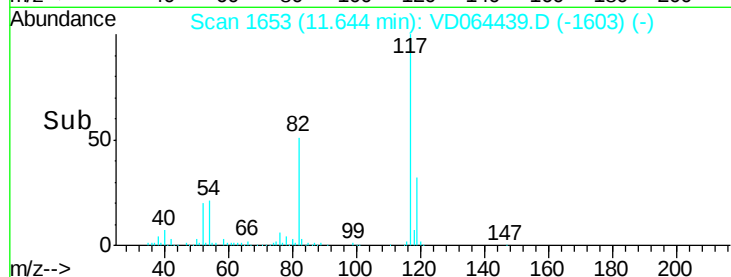
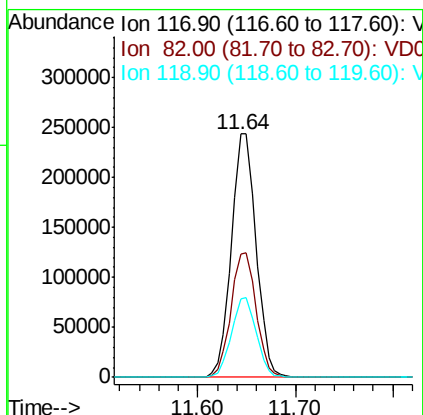
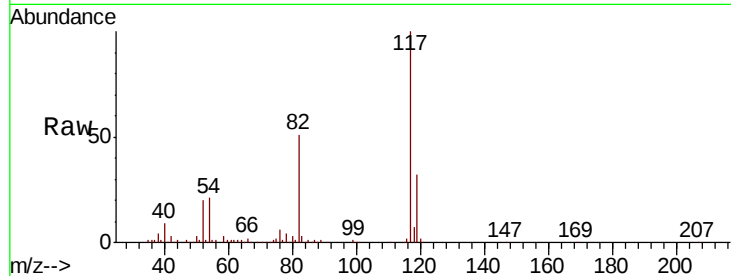




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VD064439.D
Acq: 05 Dec 2019 16:33

Instrument :
MSVOA_D
ClientSampleId :
P001-WC001RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.8	41.4	62.2
119	32.2	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: VD064439.D
Acq: 05 Dec 2019 16:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.3	26.7	80.1
150	158.7	0.0	347.2

