

Data File : VD064435.D
Acq On : 05 Dec 2019 14:38
Operator : VA/SY
Sample : K6147-08
Misc : 5.51G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P001-WC008

Quant Time: Dec 06 06:27:54 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	619853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	992007	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	882634	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	389757	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	271449	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
35) Dibromofluoromethane	7.92	113	303540	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	
50) Toluene-d8	10.34	98	1167142	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
62) 4-Bromofluorobenzene	12.64	95	362638	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	

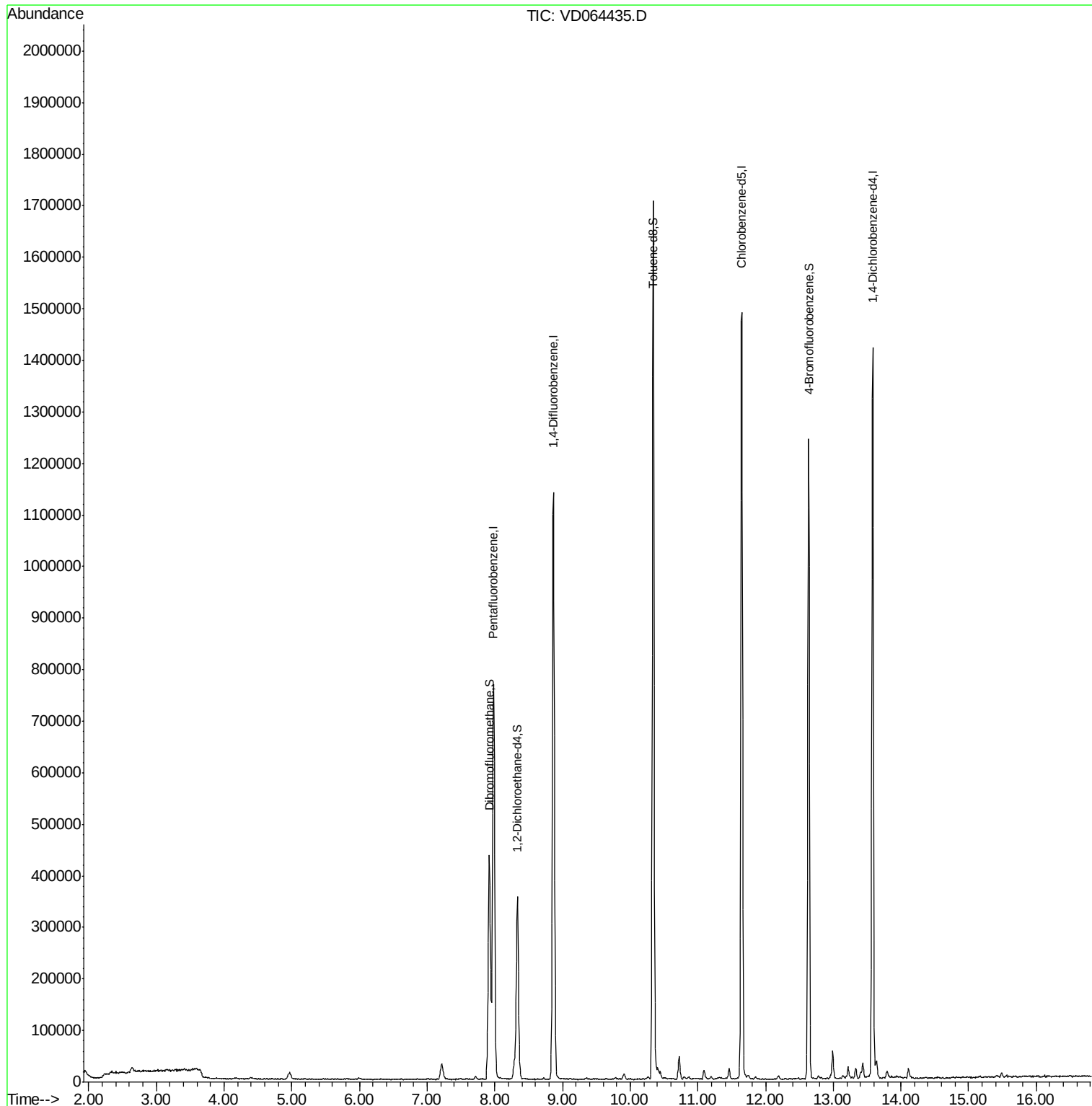
Target Compounds	Qvalue
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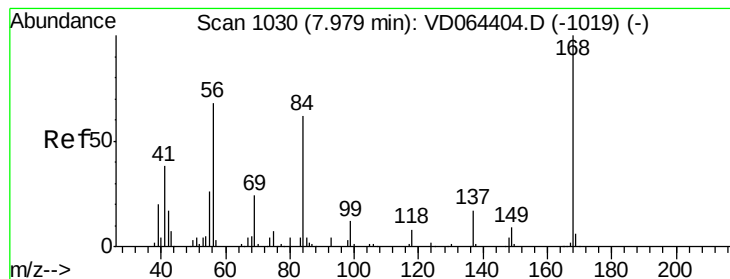
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD064435.D

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Instrument :

MSVOA_D

ClientSampleId :

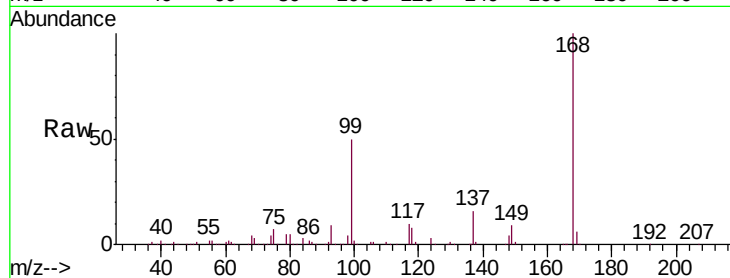
P001-WC008

Tgt Ion:168 Resp: 619853

Ion Ratio Lower Upper

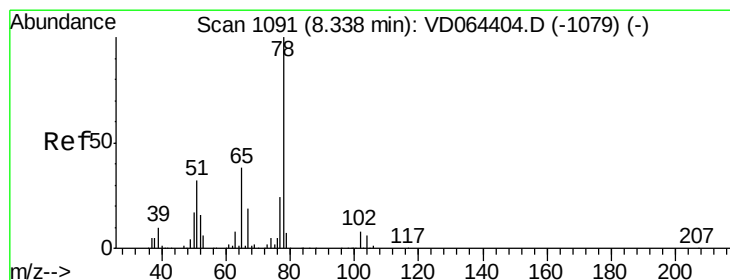
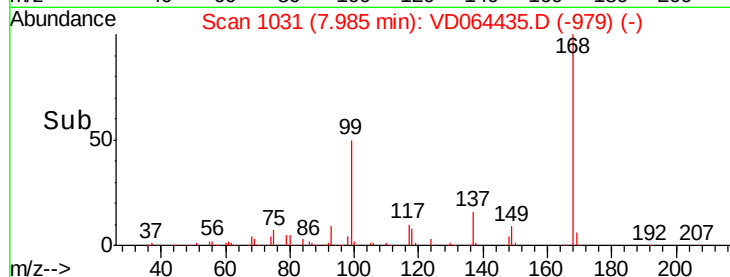
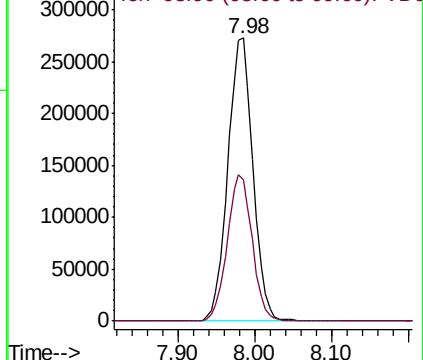
168 100

99 50.0 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 48.382 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064435.D

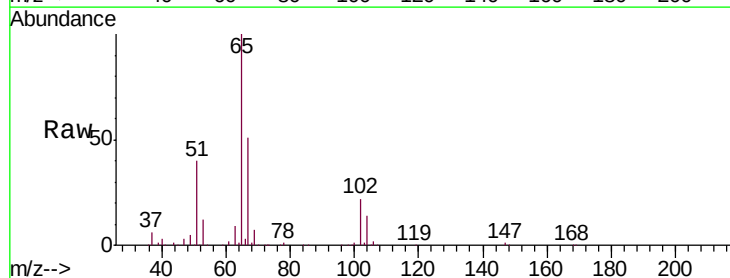
Acq: 05 Dec 2019 14:38

Tgt Ion: 65 Resp: 271449

Ion Ratio Lower Upper

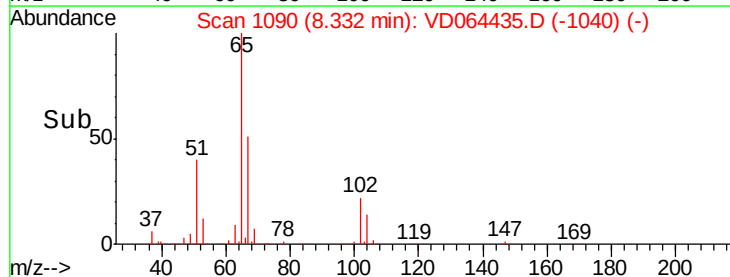
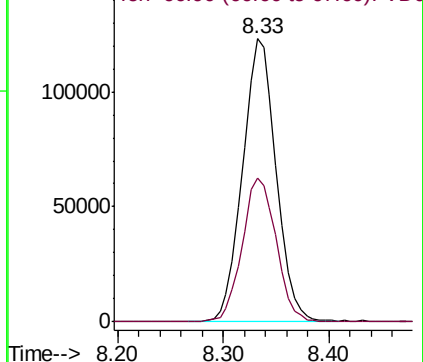
65 100

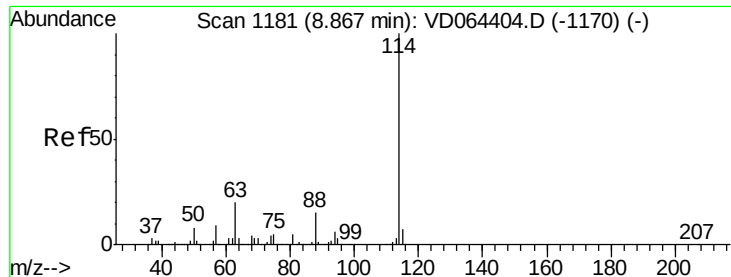
67 51.6 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

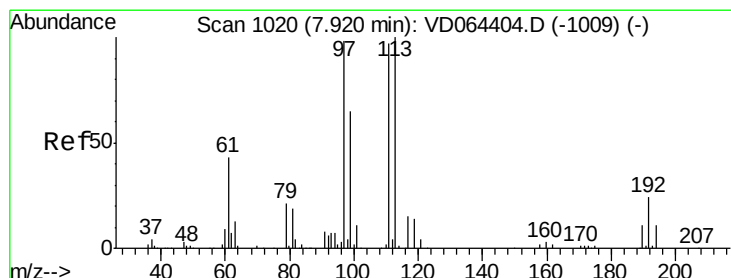
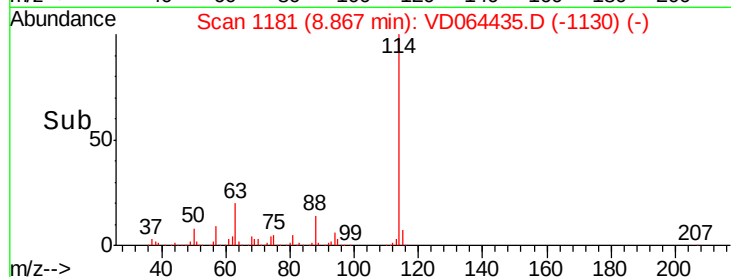
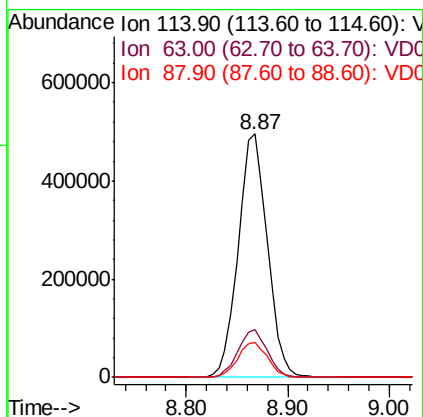
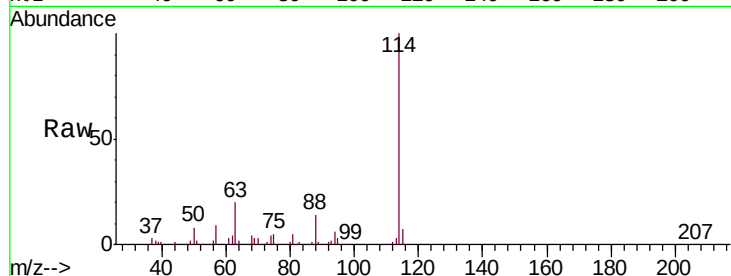




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064435.D
 Acq: 05 Dec 2019 14:38

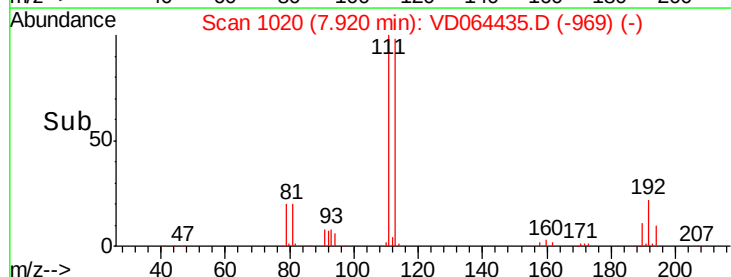
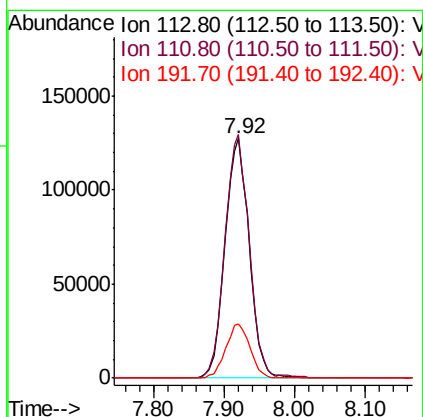
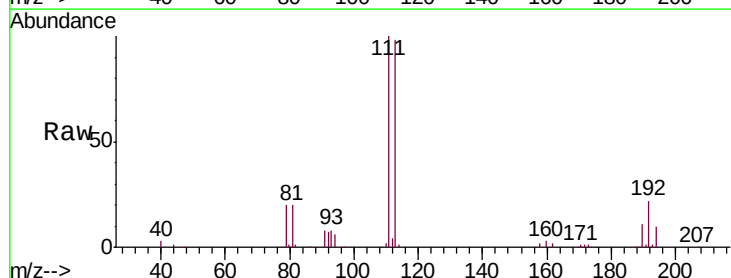
Instrument :
 MSVOA_D
 ClientSampleId :
 P001-WC008

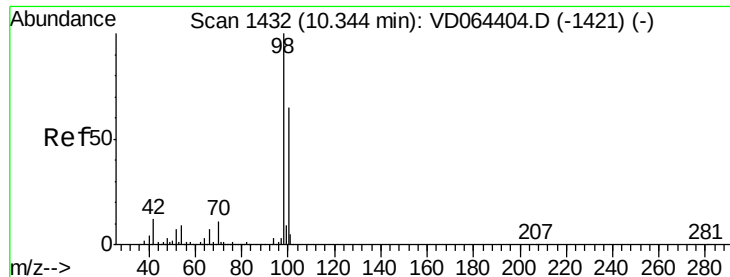
Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	40.0
88	14.5	0.0	29.2



#35
 Dibromofluoromethane
 Concen: 48.565 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064435.D
 Acq: 05 Dec 2019 14:38

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	79.4	119.2
192	22.5	18.6	28.0

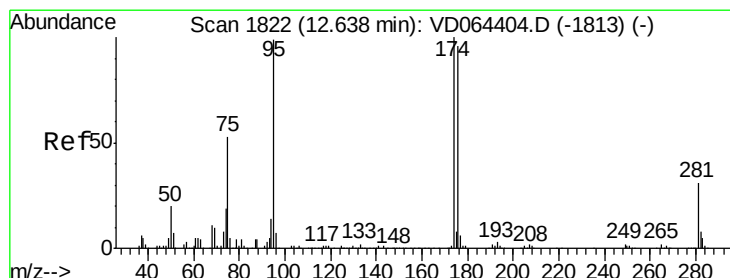
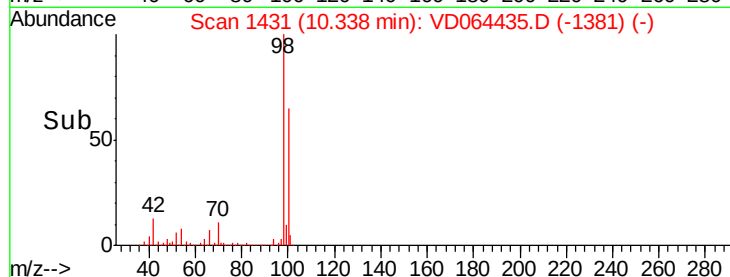
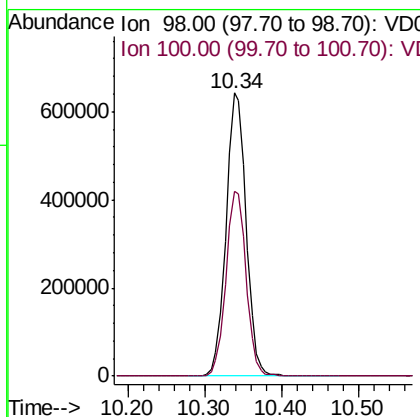
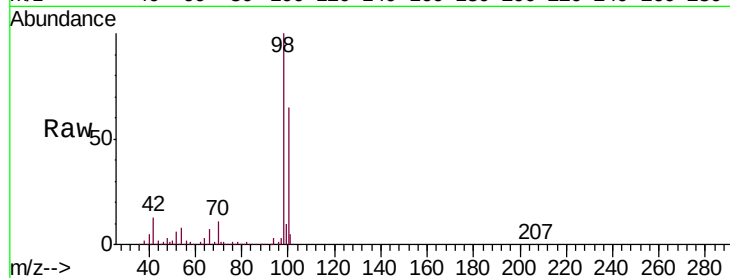




#50
Toluene-d8
Concen: 49.574 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064435.D
Acq: 05 Dec 2019 14:38

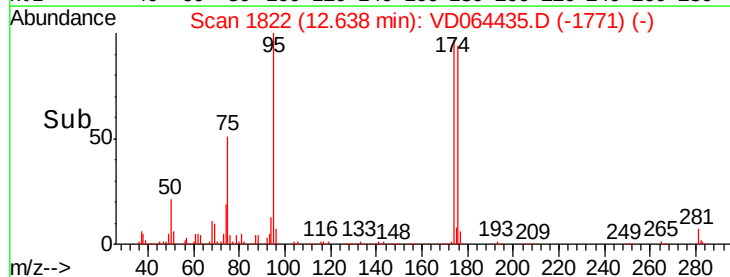
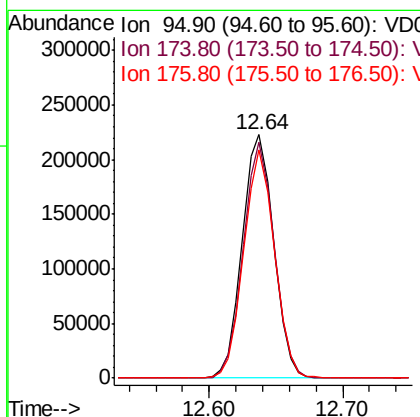
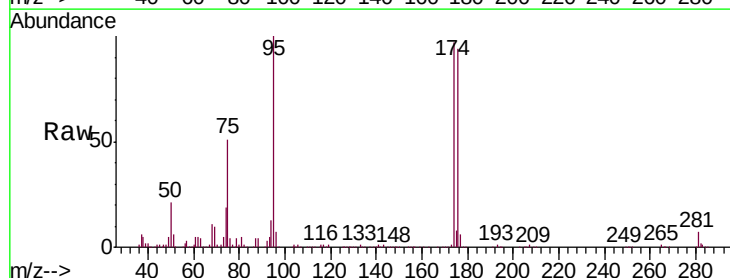
Instrument :
MSVOA_D
ClientSampleId :
P001-WC008

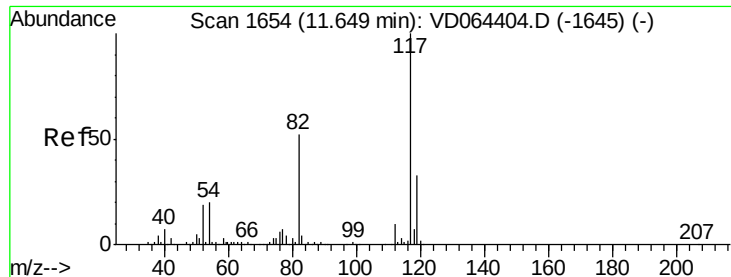
Tgt Ion: 98 Resp: 1167142
Ion Ratio Lower Upper
98 100
100 65.8 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 47.928 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064435.D
Acq: 05 Dec 2019 14:38

Tgt Ion: 95 Resp: 362638
Ion Ratio Lower Upper
95 100
174 95.1 0.0 197.2
176 91.3 0.0 189.6

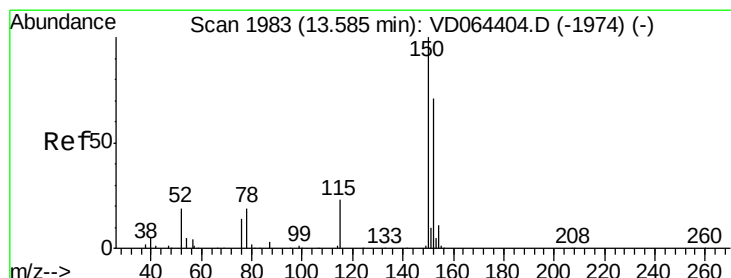
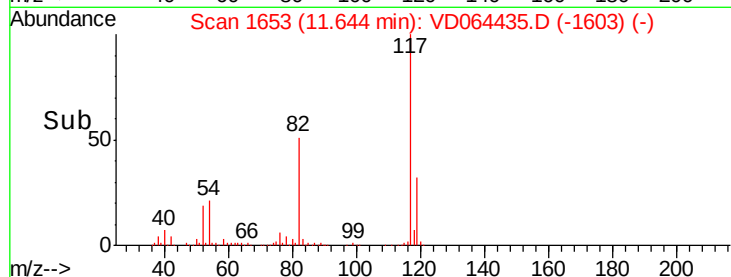
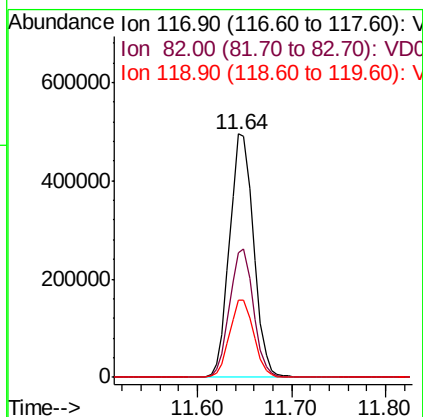
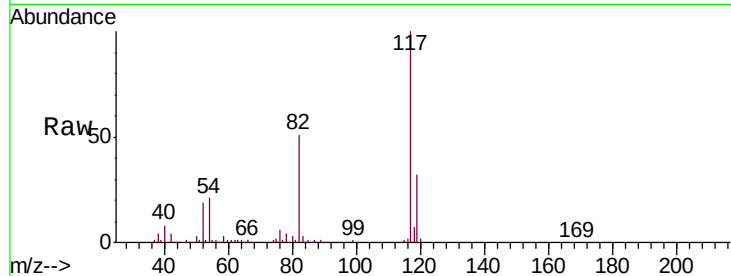




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VD064435.D
Acq: 05 Dec 2019 14:38

Instrument :
MSVOA_D
ClientSampleId :
P001-WC008

Tgt Ion:117 Resp: 882634
Ion Ratio Lower Upper
117 100
82 51.3 41.4 62.2
119 31.7 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: VD064435.D
Acq: 05 Dec 2019 14:38

Tgt Ion:152 Resp: 389757
Ion Ratio Lower Upper
152 100
115 54.1 26.7 80.1
150 154.9 0.0 347.2

