

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102419\
 Data File : VD064048.D
 Acq On : 24 Oct 2019 16:20
 Operator : VA/SY
 Sample : K5498-04RE
 Misc : 3.80G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 190-20-(1)RE

Quant Time: Oct 25 05:11:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	21666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	40815	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	43633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	21909	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	19295	91.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	182.94%	
35) Dibromofluoromethane	7.91	113	14136	56.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.34%	
50) Toluene-d8	10.34	98	52038	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
62) 4-Bromofluorobenzene	12.64	95	17166	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	

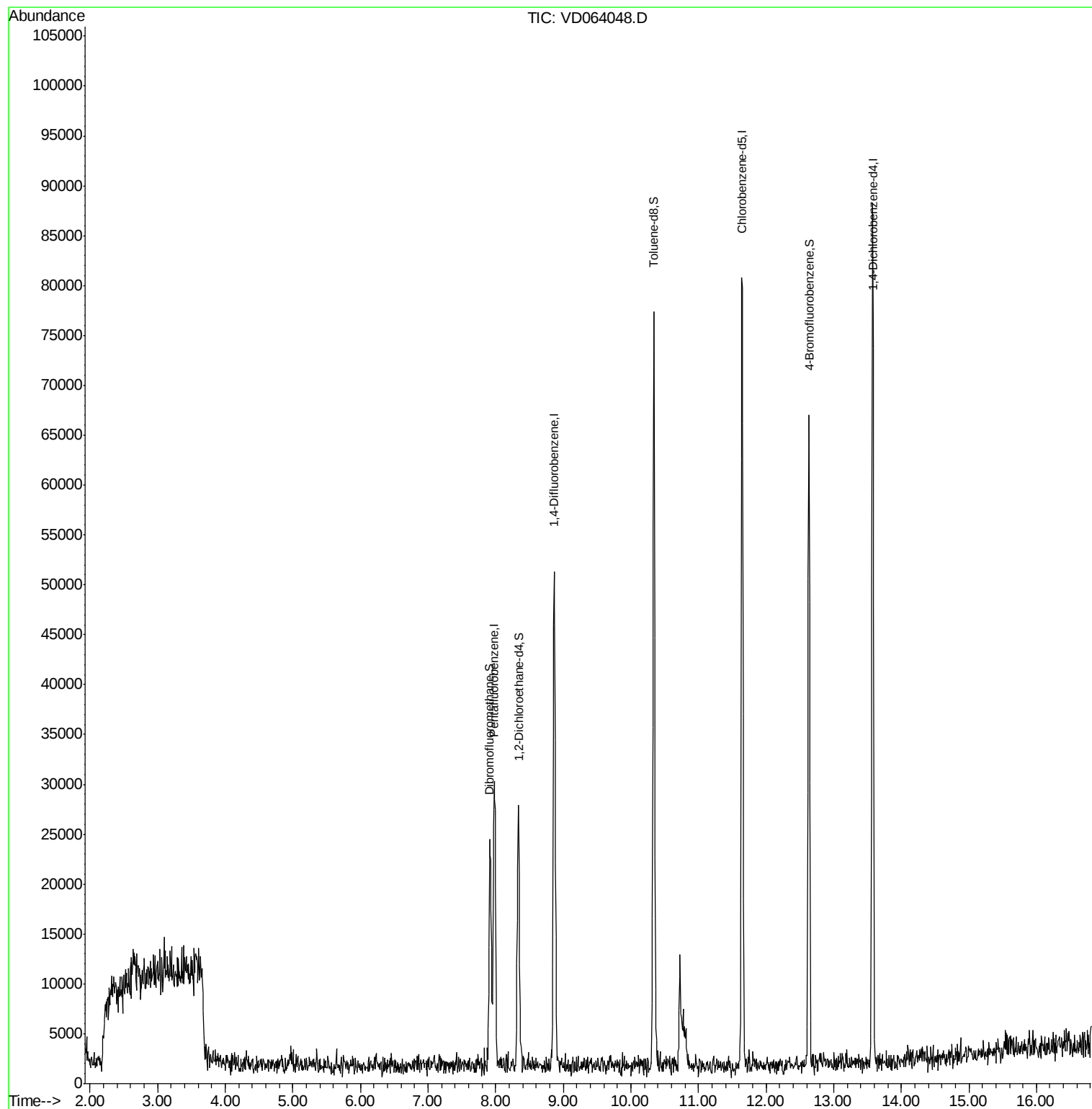
Target Compounds	Qvalue
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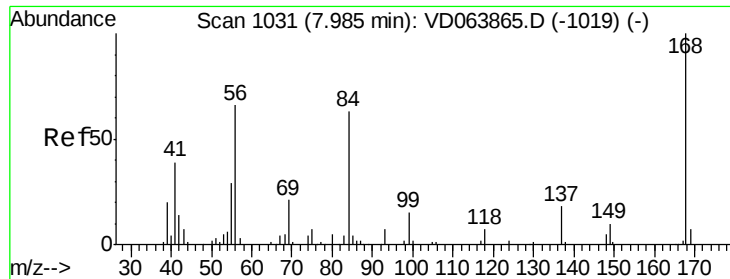
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 05 03:51:17 2019
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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: VD064048.D

Acq: 24 Oct 2019 16:20

Instrument :

MSVOA_D

ClientSampleId :

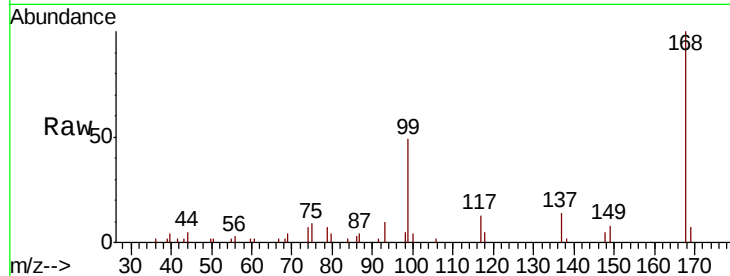
190-20-(1)RE

Tot Ion:168 Resp: 21666

Ion Ratio Lower Upper

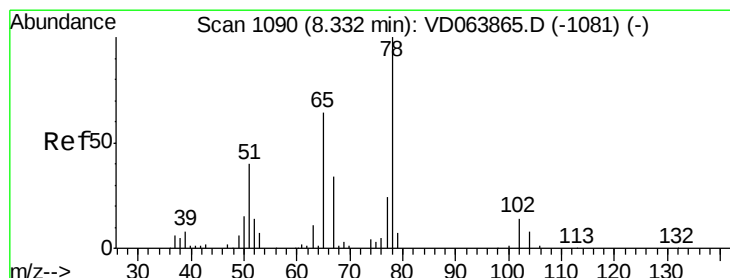
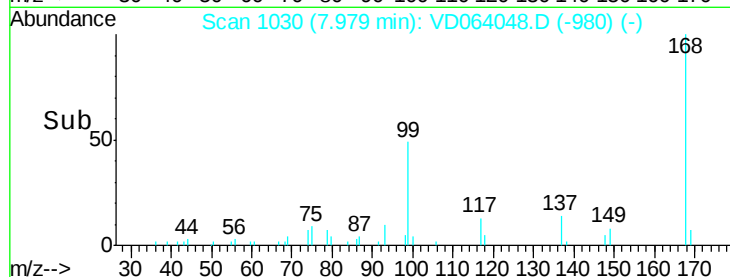
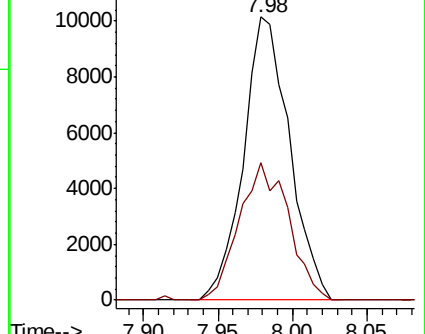
168 100

99 48.7 43.0 64.4



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: 91.474 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD064048.D

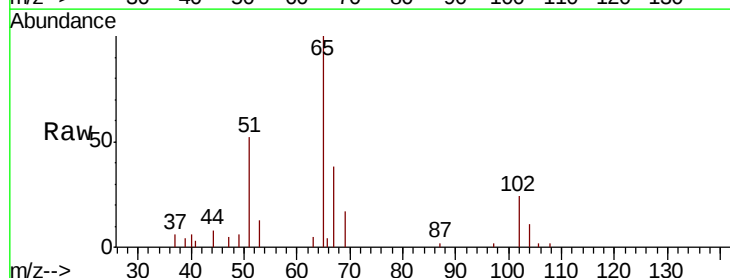
Acq: 24 Oct 2019 16:20

Tgt Ion: 65 Resp: 19295

Ion Ratio Lower Upper

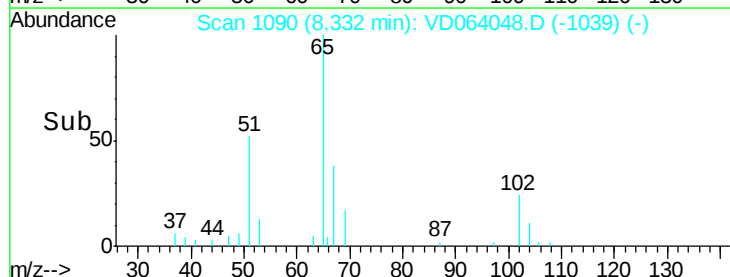
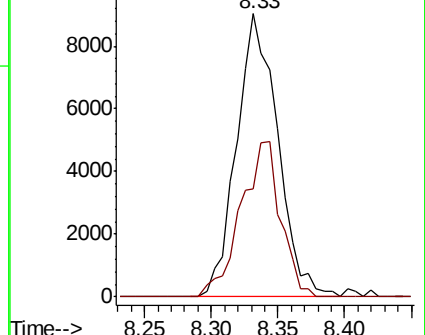
65 100

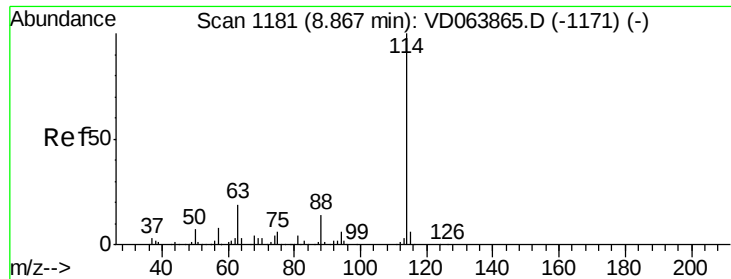
67 52.8 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

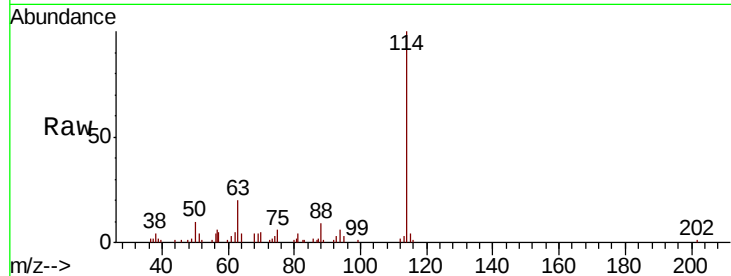




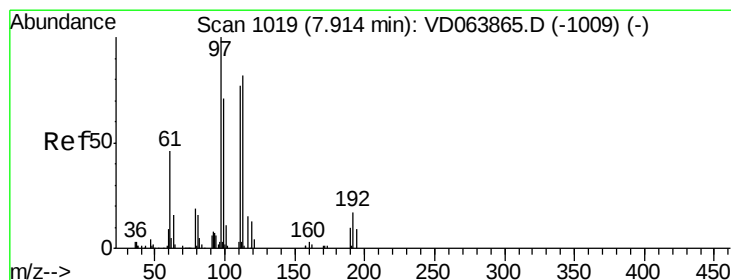
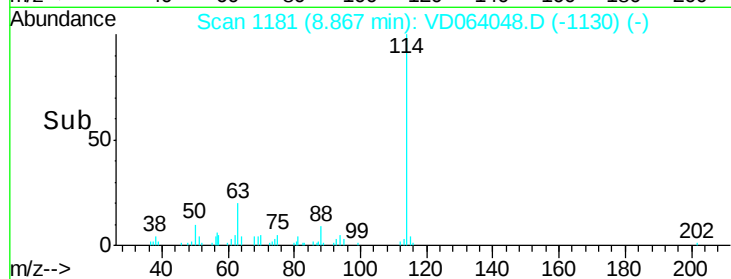
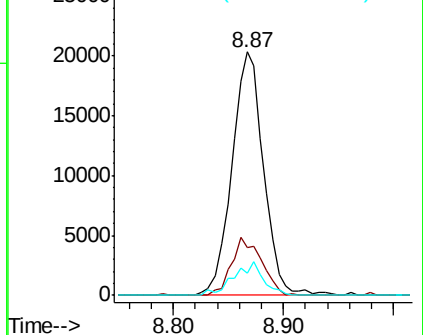
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064048.D
 Acq: 24 Oct 2019 16:20

Instrument :
 MSVOA_D
 ClientSampleId :
 190-20-(1)RE

Tot Ion:114	Resp:	40815
Ion	Ratio	Lower Upper
114	100	
63	19.6	0.0 38.4
88	9.3	0.0 27.4

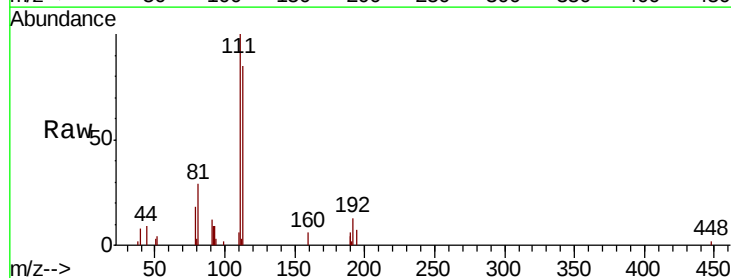


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

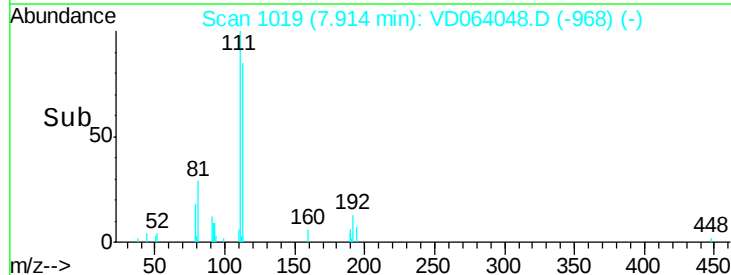
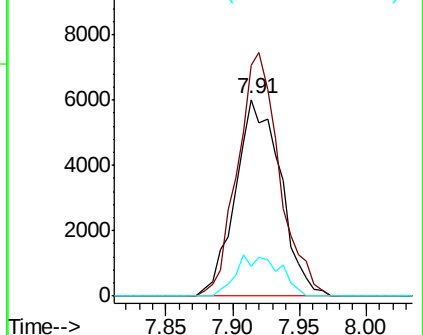


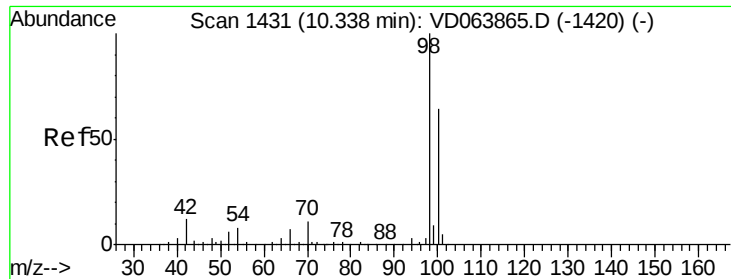
#35
 Dibromofluoromethane
 Concen: 56.673 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD064048.D
 Acq: 24 Oct 2019 16:20

Tgt Ion:113	Resp:	14136
Ion	Ratio	Lower Upper
113	100	
111	114.2	82.6 123.8
192	20.0	17.1 25.7



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

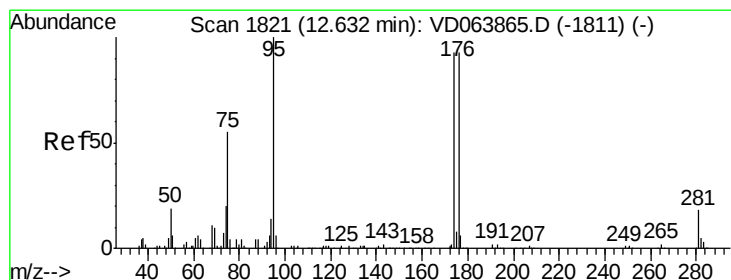
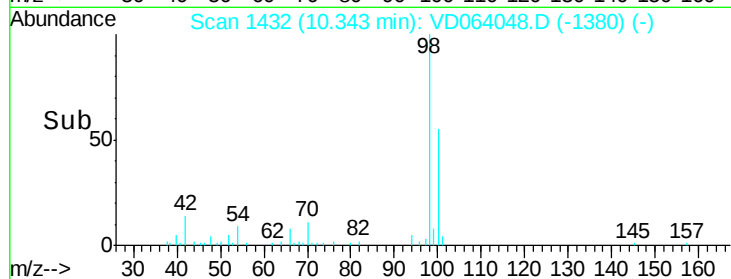
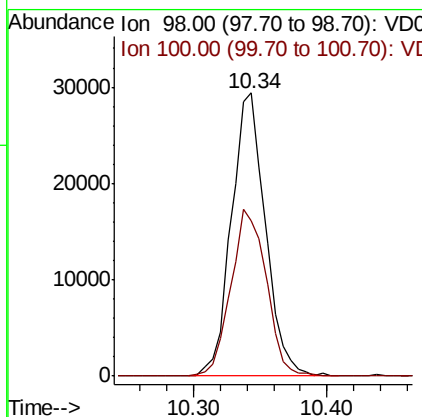
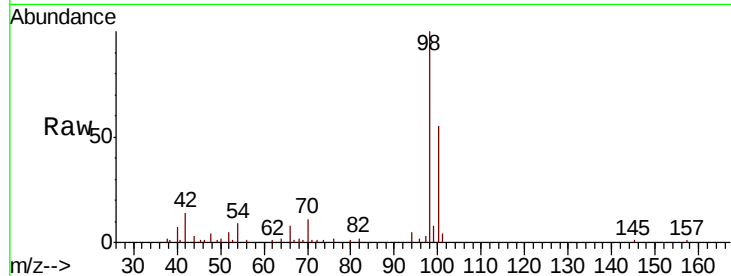




#50
Toluene-d8
Concen: 51.400 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064048.D
Acq: 24 Oct 2019 16:20

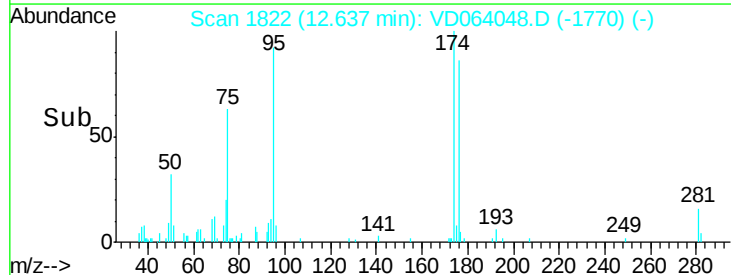
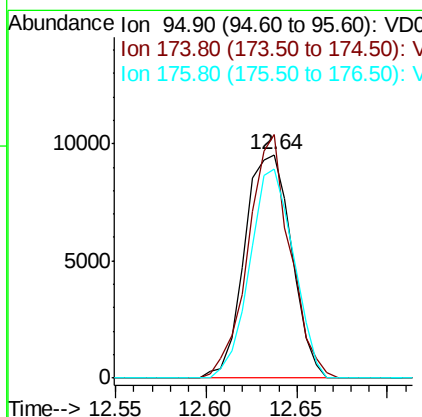
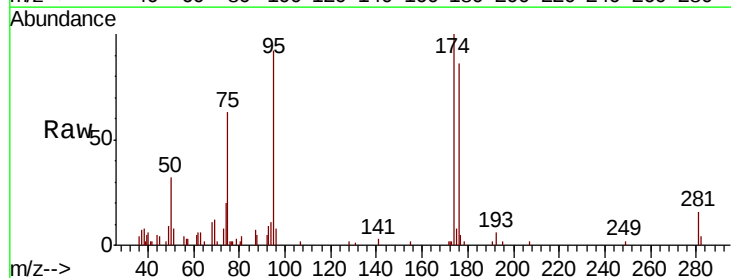
Instrument :
MSVOA_D
ClientSampleId :
190-20-(1)RE

Tot Ion: 98 Resp: 52038
Ion Ratio Lower Upper
98 100
100 61.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 48.793 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD064048.D
Acq: 24 Oct 2019 16:20

Tgt Ion: 95 Resp: 17166
Ion Ratio Lower Upper
95 100
174 97.1 0.0 186.4
176 87.5 0.0 184.2

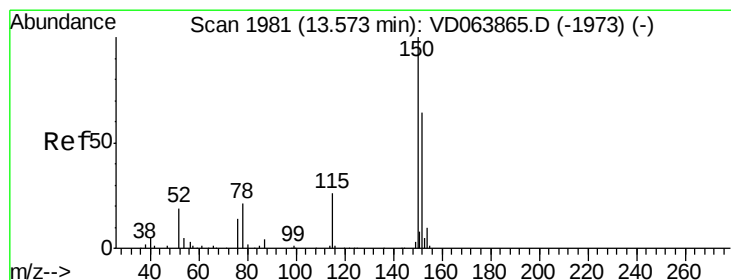
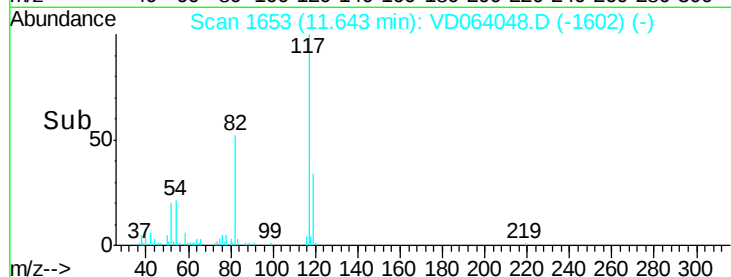
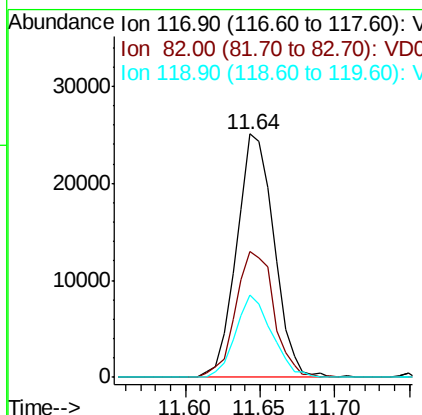
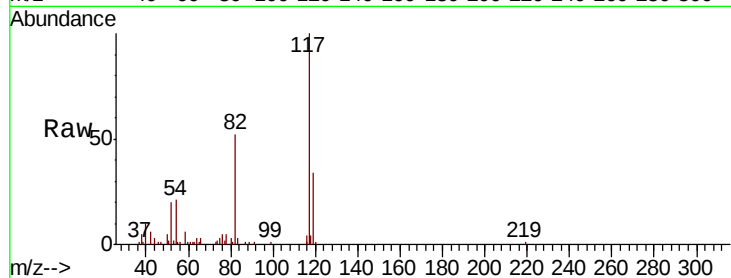




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD064048.D
Acq: 24 Oct 2019 16:20

Instrument :
MSVOA_D
ClientSampleId :
190-20-(1)RE

Tot Ion:117 Resp: 43633
Ion Ratio Lower Upper
117 100
82 51.7 42.8 64.2
119 34.0 24.4 36.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.01 min
Lab File: VD064048.D
Acq: 24 Oct 2019 16:20

Tgt Ion:152 Resp: 21909
Ion Ratio Lower Upper
152 100
115 49.6 25.9 77.7
150 158.9 0.0 344.2

