

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102519\
 Data File : VD064076.D
 Acq On : 25 Oct 2019 20:19
 Operator : VA/SY
 Sample : K5541-18
 Misc : 7.07G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 18-48-(2.5)

Quant Time: Oct 26 00:59:03 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	64234	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	107654	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	120167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	60834	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	44900	71.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	143.60%	
35) Dibromofluoromethane	7.93	113	38179	58.03	ug/l	0.01
Spiked Amount	50.000		Recovery	=	116.06%	
50) Toluene-d8	10.34	98	147461	55.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.44%	
62) 4-Bromofluorobenzene	12.63	95	47403	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	

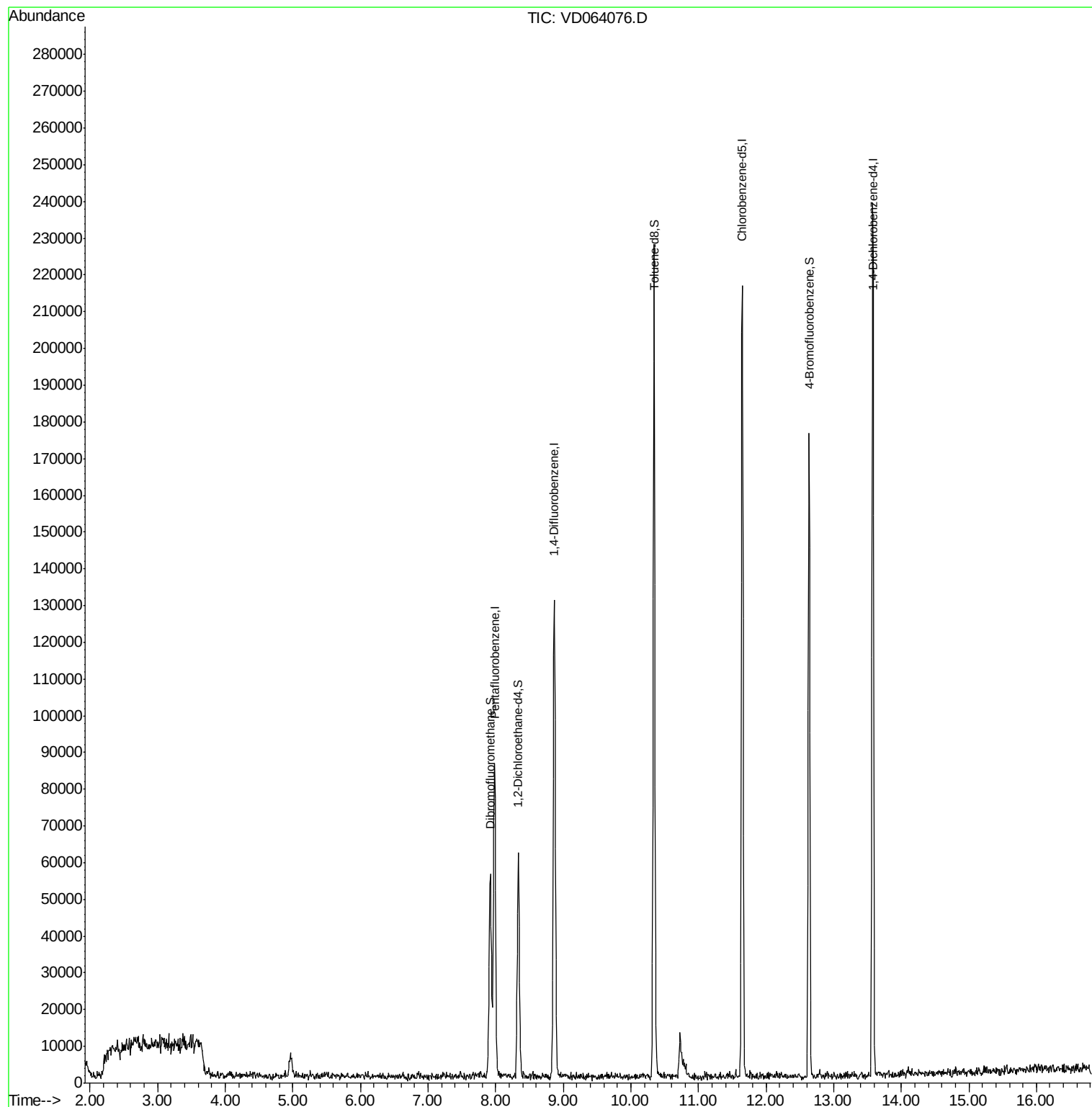
Target Compounds	Qvalue

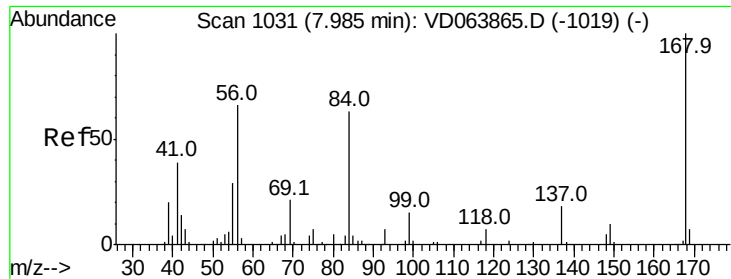
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064076.D

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MSVOA_D

ClientSampleId :

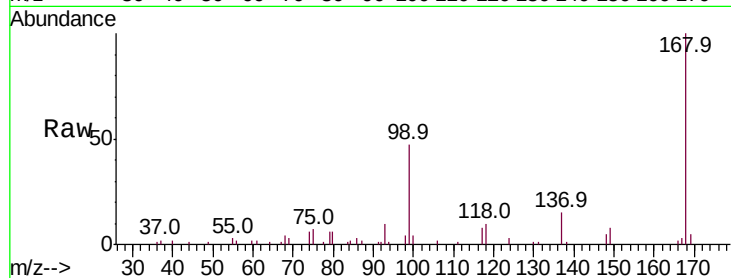
18-48-(2.5)

Tot Ion:168 Resp: 64234

Ion Ratio Lower Upper

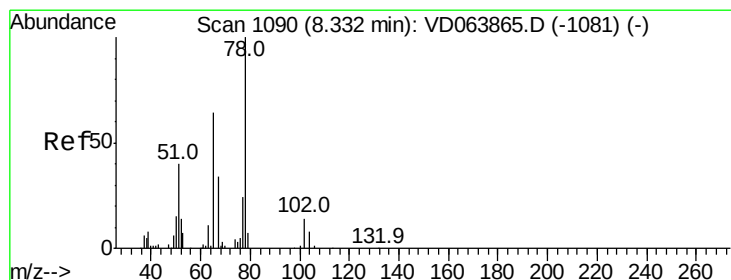
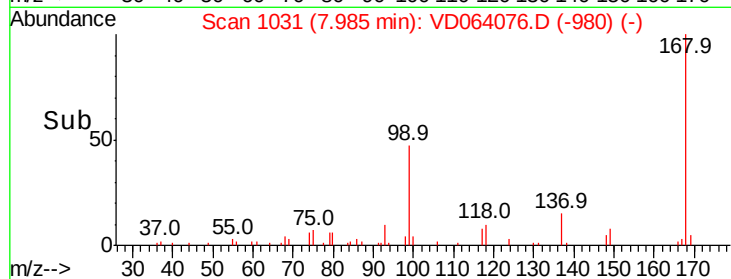
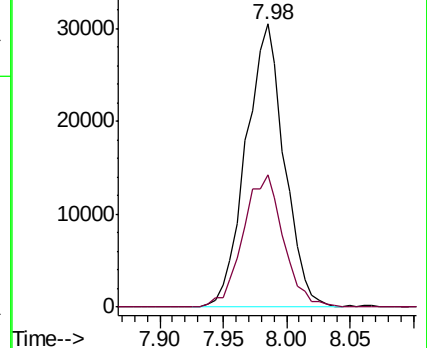
168 100

99 46.7 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: 71.798 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064076.D

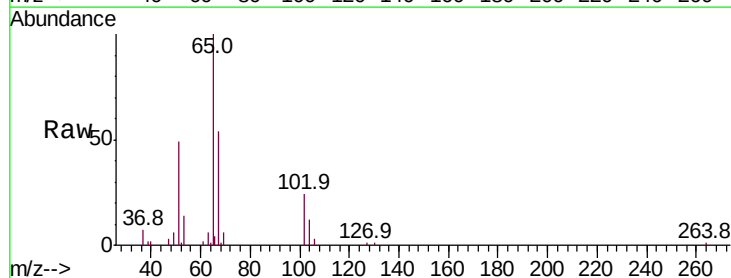
Acq: 25 Oct 2019 20:19

Tgt Ion: 65 Resp: 44900

Ion Ratio Lower Upper

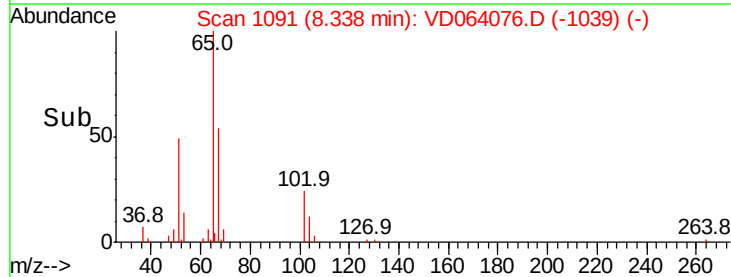
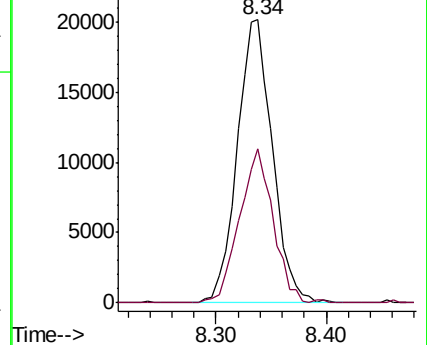
65 100

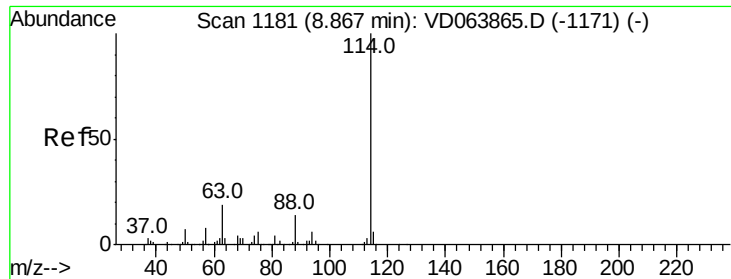
67 52.1 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

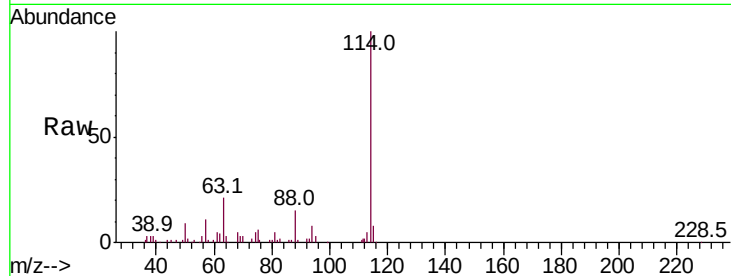




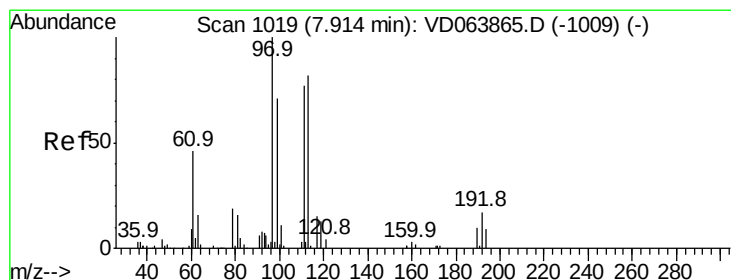
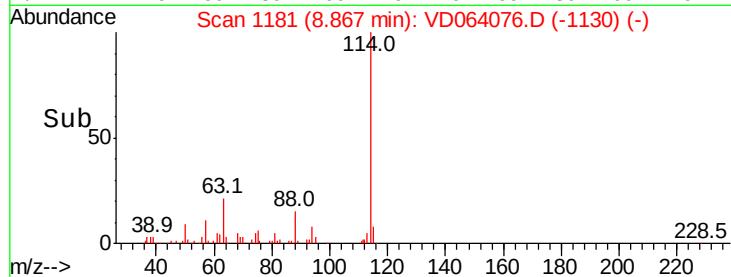
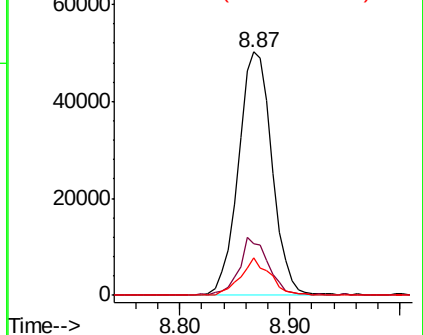
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064076.D
 Acq: 25 Oct 2019 20:19

Instrument :
 MSVOA_D
 ClientSampleId :
 18-48-(2.5)

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	38.4
88	15.3	0.0	27.4

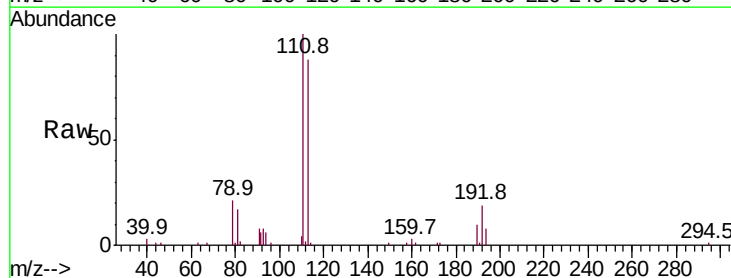


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

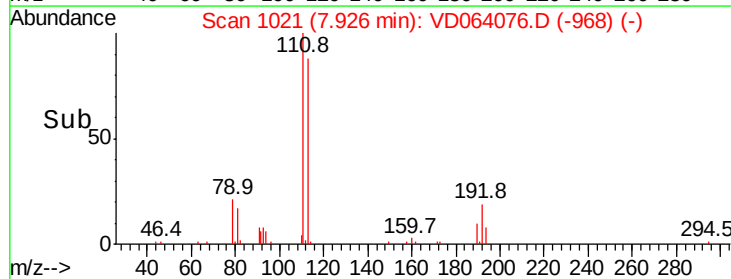
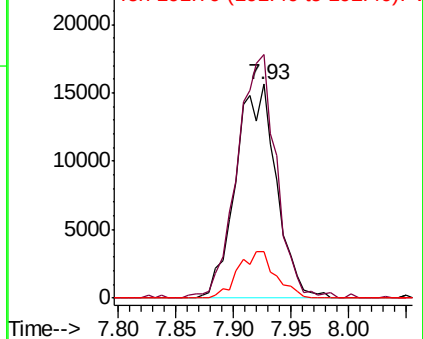


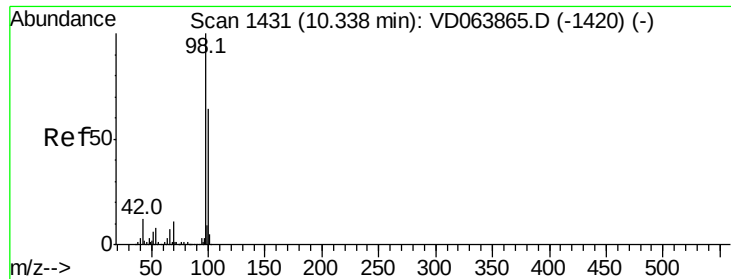
#35
 Dibromofluoromethane
 Concen: 58.031 ug/l
 RT: 7.93 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: VD064076.D
 Acq: 25 Oct 2019 20:19

Tgt Ion	Ratio	Lower	Upper
113	100		
111	109.8	82.6	123.8
192	19.9	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

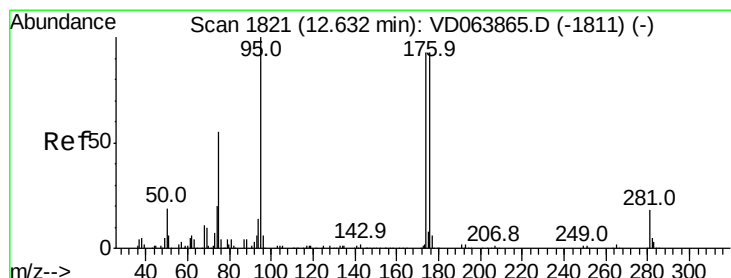
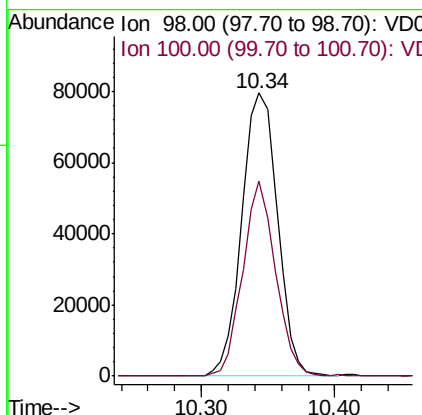
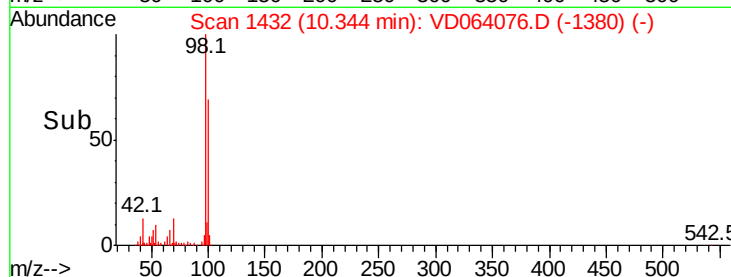
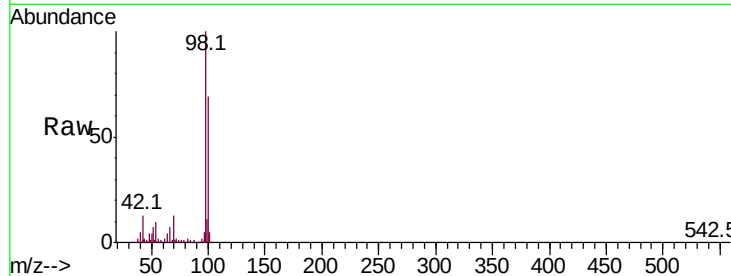




#50
Toluene-d8
Concen: 55.222 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064076.D
Acq: 25 Oct 2019 20:19

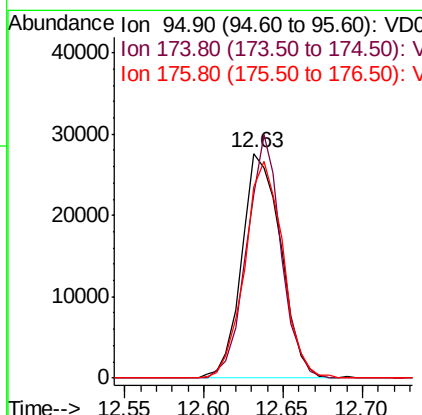
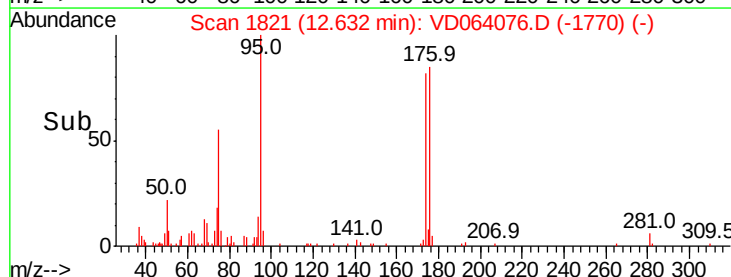
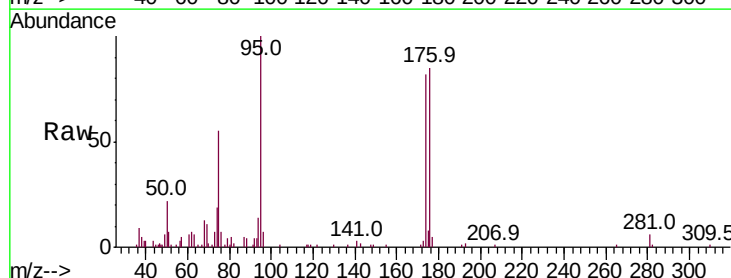
Instrument :
MSVOA_D
ClientSampleId :
18-48-(2.5)

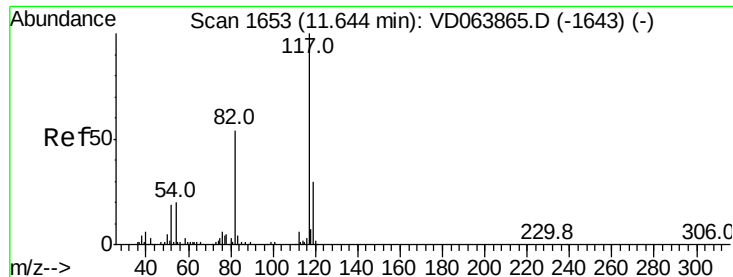
Tot Ion: 98 Resp: 147461
Ion Ratio Lower Upper
98 100
100 63.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 51.084 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD064076.D
Acq: 25 Oct 2019 20:19

Tgt Ion: 95 Resp: 47403
Ion Ratio Lower Upper
95 100
174 94.8 0.0 186.4
176 94.3 0.0 184.2

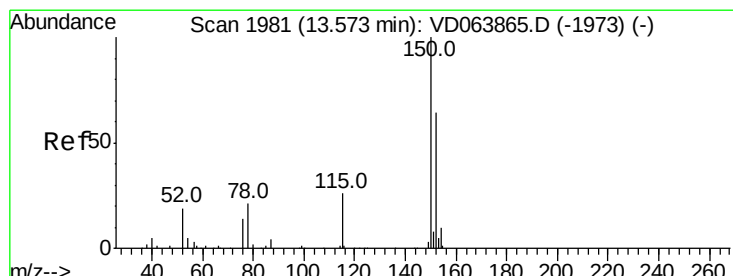
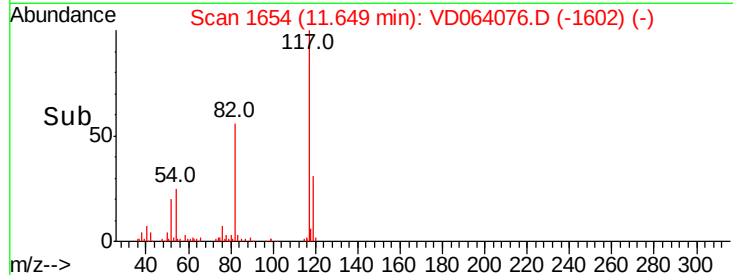
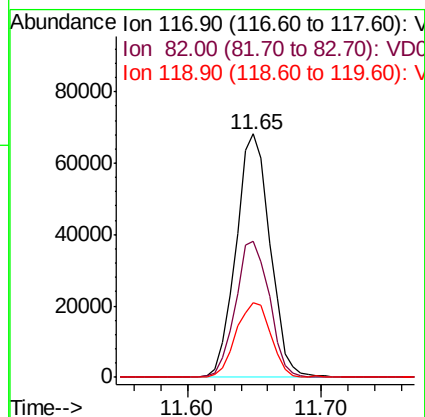
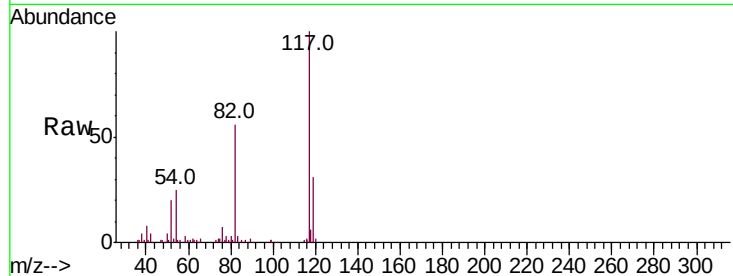




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD064076.D
Acq: 25 Oct 2019 20:19

Instrument :
MSVOA_D
ClientSampleId :
18-48-(2.5)

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	42.8	64.2
119	30.6	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: VD064076.D
Acq: 25 Oct 2019 20:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.9	25.9	77.7
150	151.2	0.0	344.2

