

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102419\
 Data File : VD064046.D
 Acq On : 24 Oct 2019 14:54
 Operator : VA/SY
 Sample : K5494-09RE
 Misc : 8.55G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP3-5FTRE

Quant Time: Oct 25 05:05:27 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	7.99	168	19135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	36905	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	38027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	18390	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	16459	88.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	176.70%	
35) Dibromofluoromethane	7.92	113	12818	56.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.66%	
50) Toluene-d8	10.34	98	44273	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
62) 4-Bromofluorobenzene	12.64	95	15274	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	

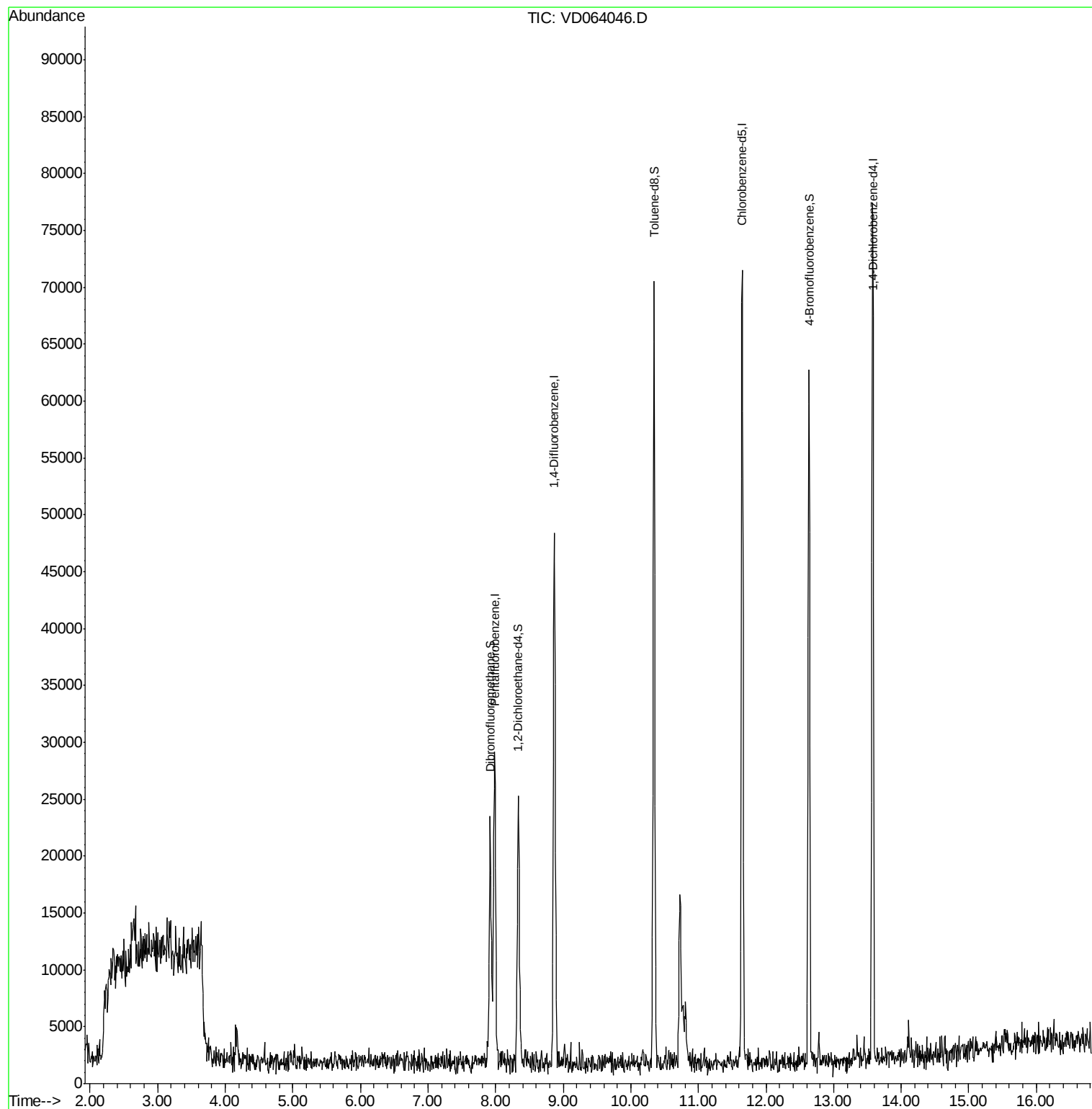
Target Compounds	Qvalue

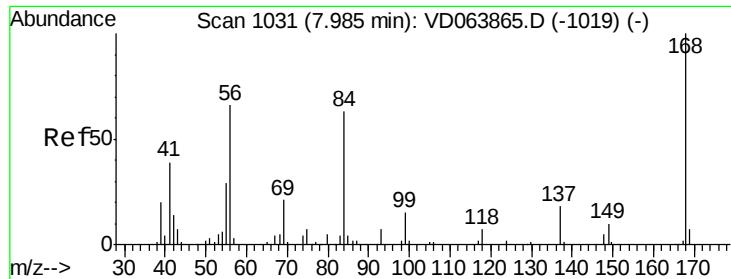
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VD064046.D

Acq: 24 Oct 2019 14:54

Instrument :

MSVOA_D

ClientSampleId :

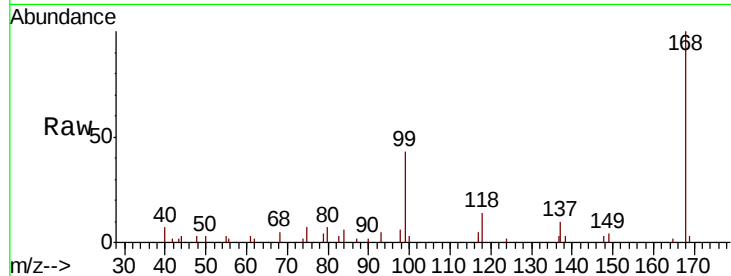
TP3-5FTRE

Tot Ion:168 Resp: 19135

Ion Ratio Lower Upper

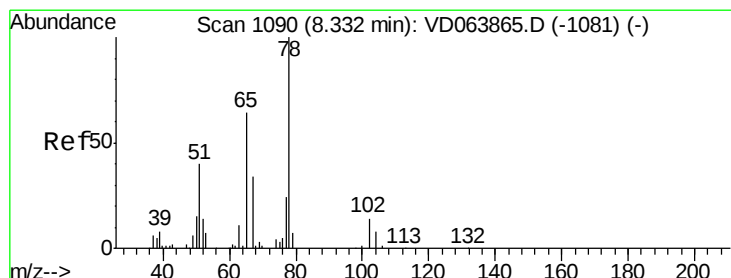
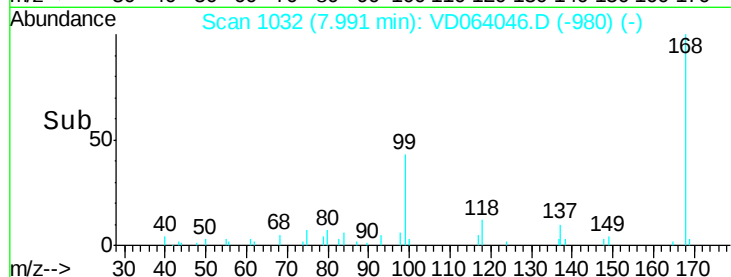
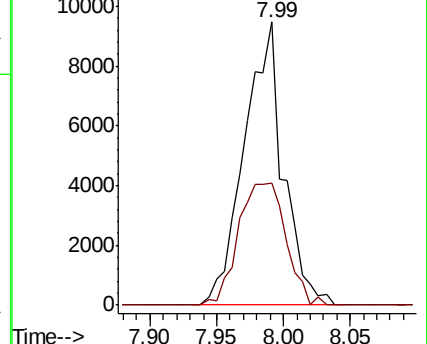
168 100

99 43.1 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: 88.350 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD064046.D

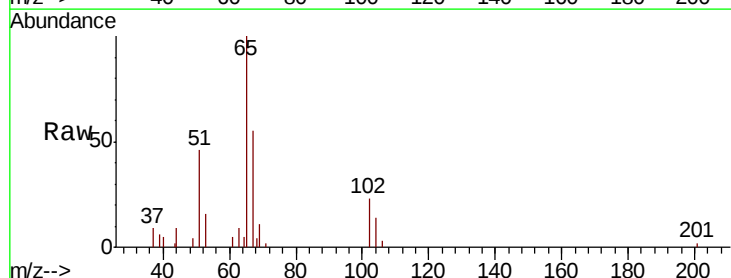
Acq: 24 Oct 2019 14:54

Tgt Ion: 65 Resp: 16459

Ion Ratio Lower Upper

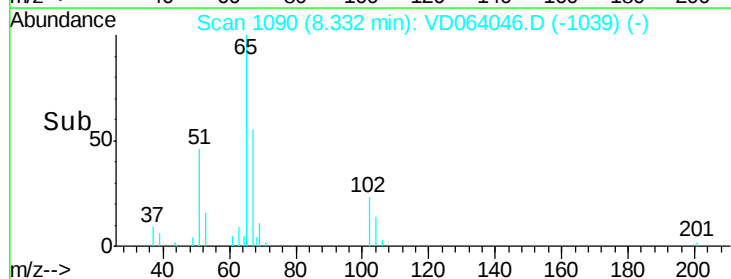
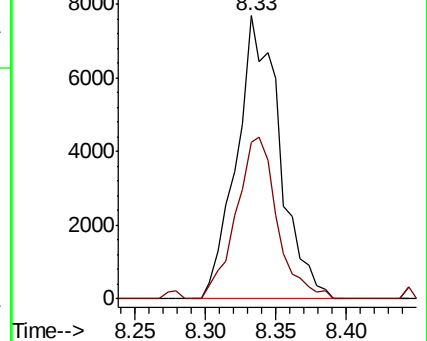
65 100

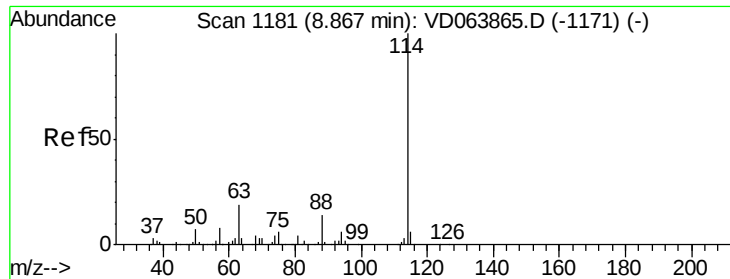
67 54.2 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

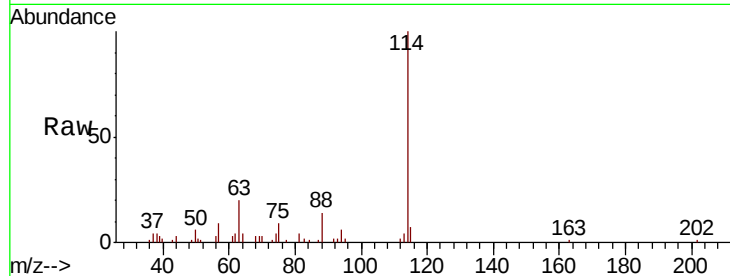




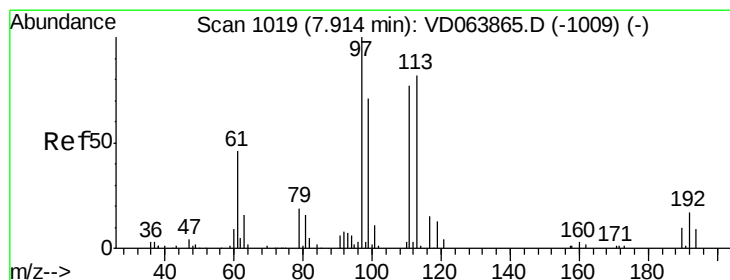
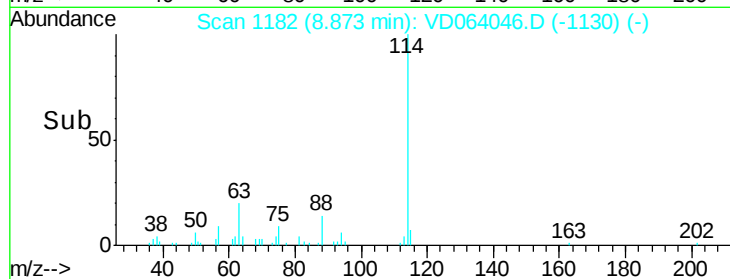
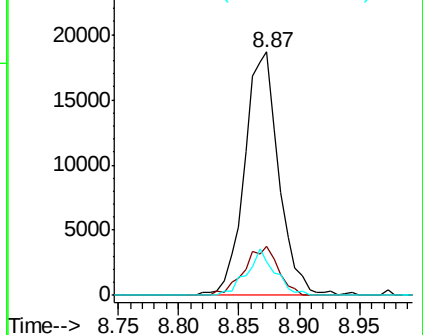
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD064046.D
 Acq: 24 Oct 2019 14:54

Instrument :
 MSVOA_D
 ClientSampleId :
 TP3-5FTRE

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	38.4
88	13.9	0.0	27.4

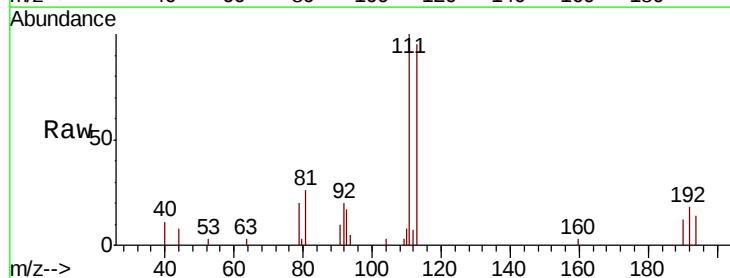


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

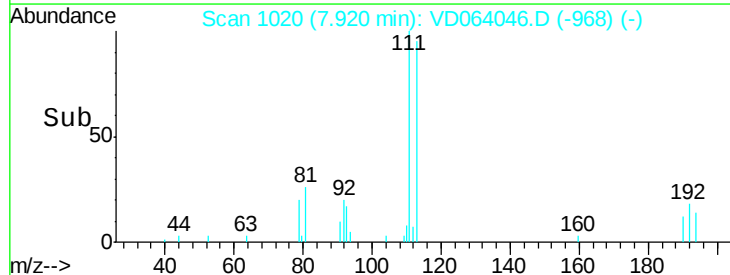
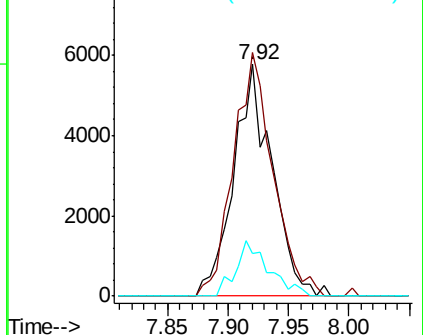


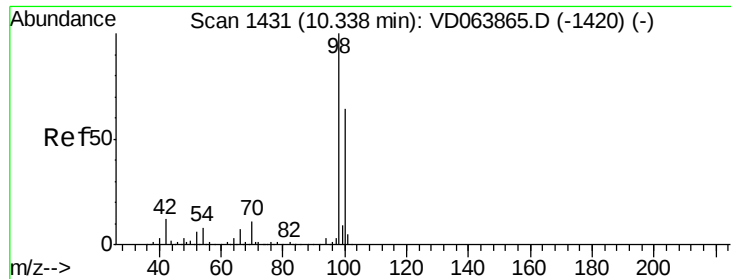
#35
 Dibromofluoromethane
 Concen: 56.833 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD064046.D
 Acq: 24 Oct 2019 14:54

Tgt Ion	Ratio	Lower	Upper
113	100		
111	108.1	82.6	123.8
192	20.7	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

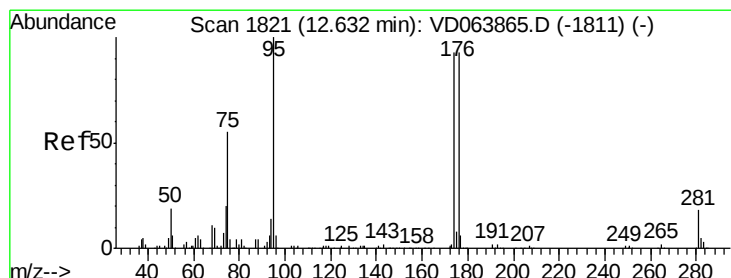
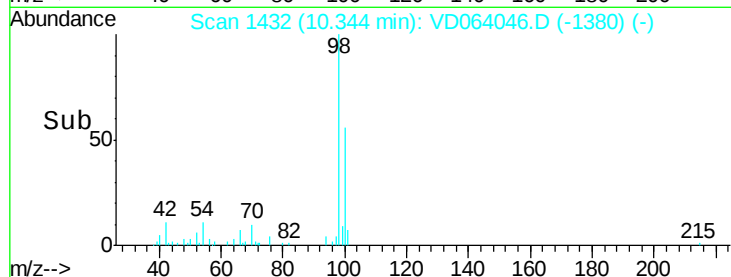
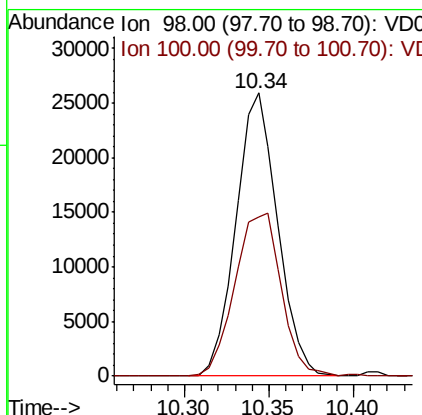
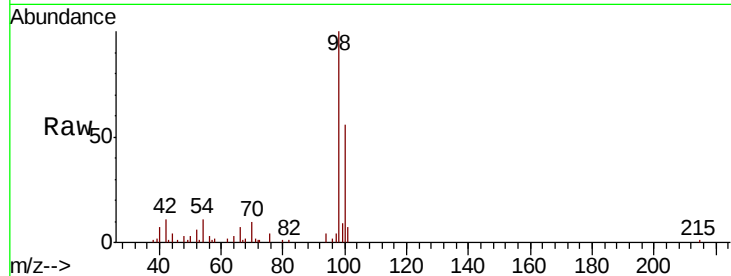




#50
Toluene-d8
Concen: 48.363 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064046.D
Acq: 24 Oct 2019 14:54

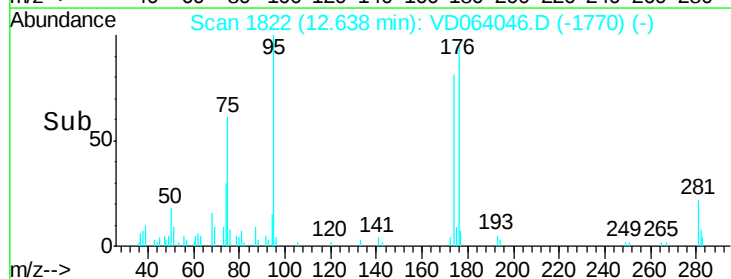
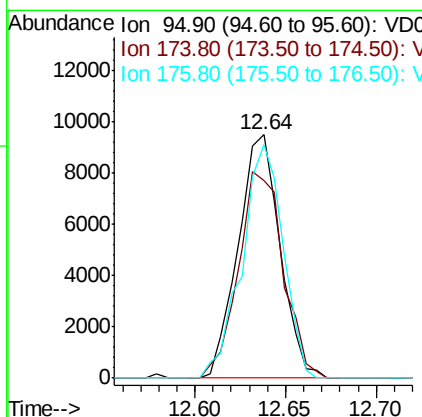
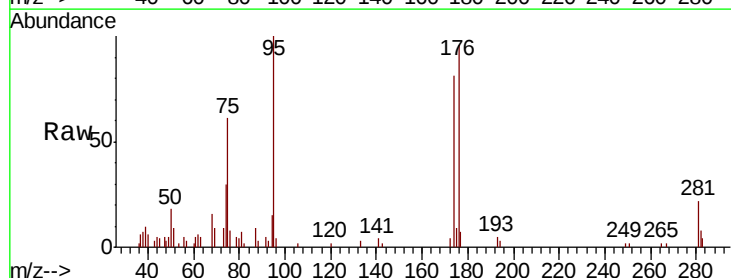
Instrument :
MSVOA_D
ClientSampleId :
TP3-5FTRE

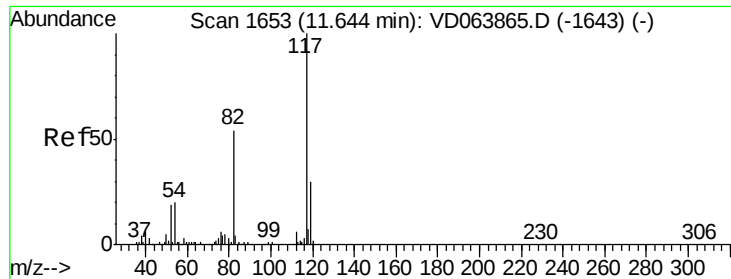
Tot Ion: 98 Resp: 44273
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 48.015 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD064046.D
Acq: 24 Oct 2019 14:54

Tgt Ion: 95 Resp: 15274
Ion Ratio Lower Upper
95 100
174 90.6 0.0 186.4
176 94.1 0.0 184.2

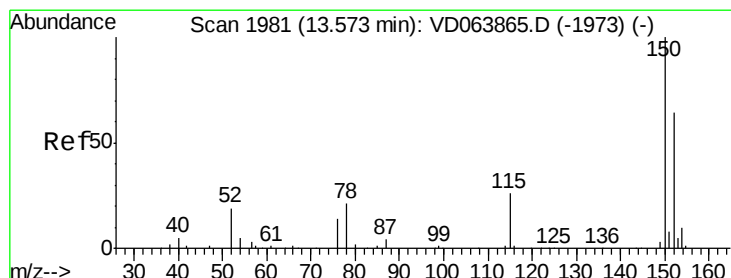
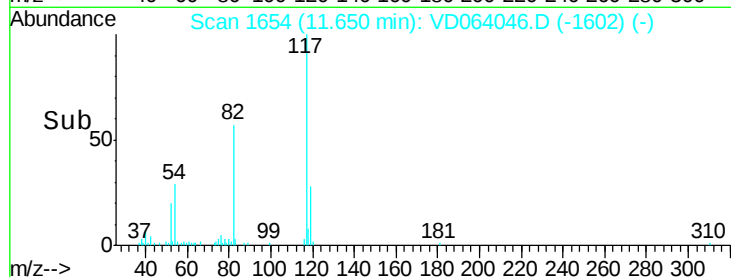
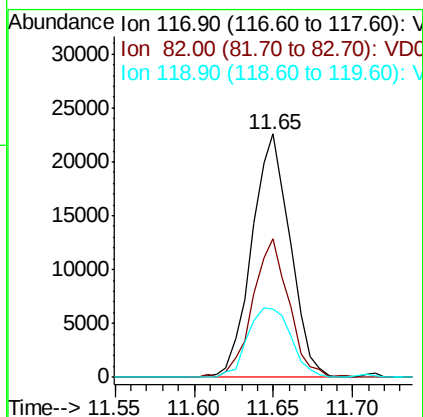
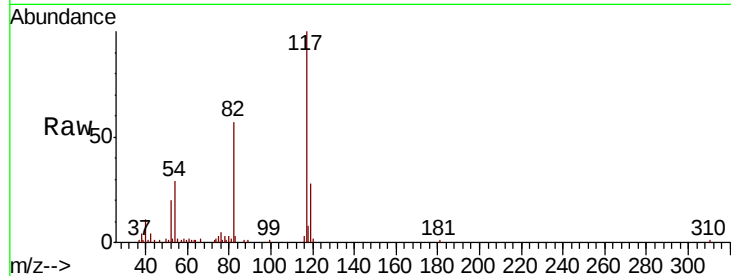




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD064046.D
Acq: 24 Oct 2019 14:54

Instrument :
MSVOA_D
ClientSampleId :
TP3-5FTRE

Tot Ion:117 Resp: 38027
Ion Ratio Lower Upper
117 100
82 57.0 42.8 64.2
119 27.9 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: VD064046.D
Acq: 24 Oct 2019 14:54

Tgt Ion:152 Resp: 18390
Ion Ratio Lower Upper
152 100
115 55.3 25.9 77.7
150 153.5 0.0 344.2

