

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081920\
 Data File : VD066340.D
 Acq On : 20 Aug 2020 03:13
 Operator : VA/SY
 Sample : L3689-07RE
 Misc : 5.08G/5.00ml/MSVOA D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4RE

Quant Time: Aug 20 08:13:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	198885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	215021	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	81551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	142676	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	109690	61.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.64%	
35) Dibromofluoromethane	7.91	113	105357	77.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	154.70%	
50) Toluene-d8	10.34	98	45611	9.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	18.14%	
62) 4-Bromofluorobenzene	12.63	95	123359	68.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	136.16%	

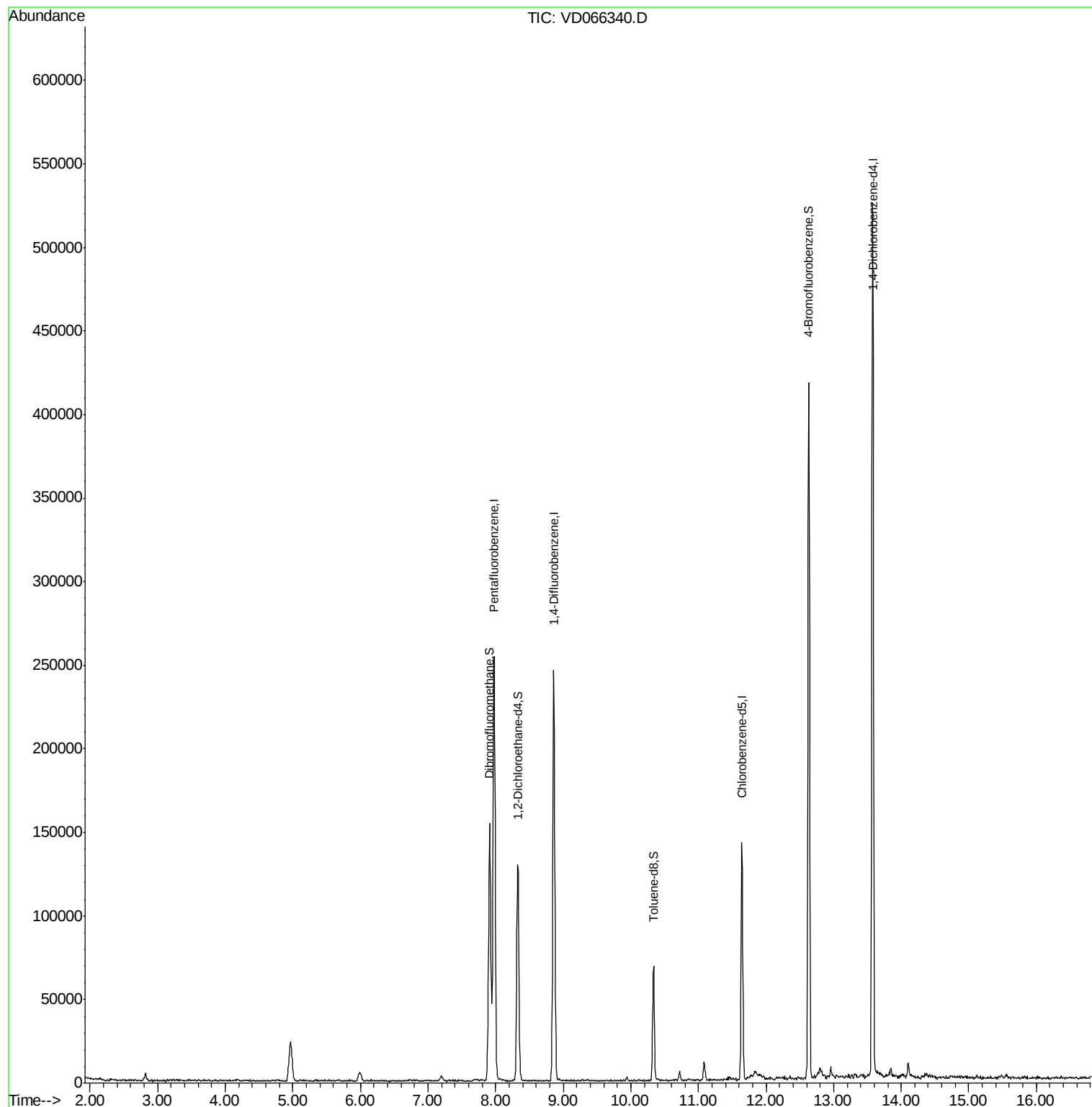
Target Compounds	Qvalue
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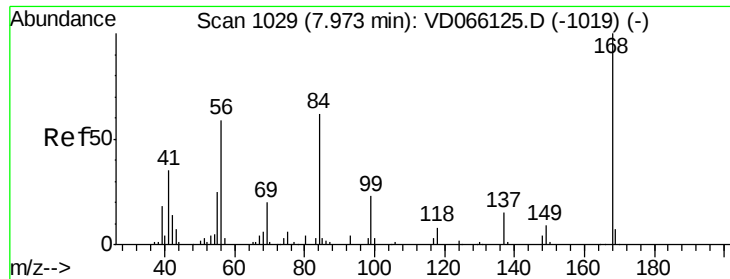
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
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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: VD066340.D

Acq: 20 Aug 2020 03:13

Instrument :

MSVOA_D

ClientSampleId :

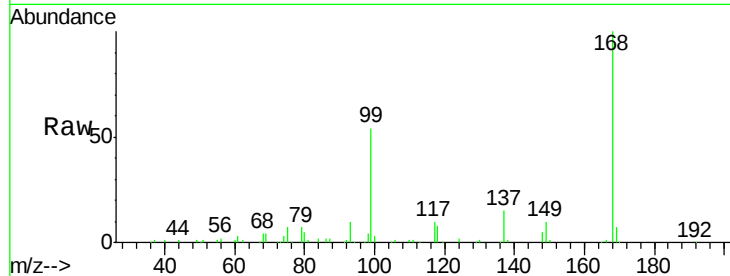
TP-4RE

Tot Ion:168 Resp: 198885

Ion Ratio Lower Upper

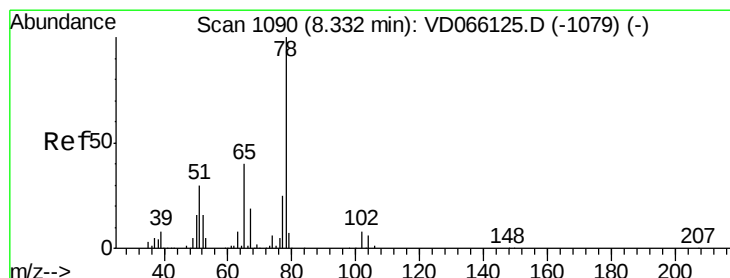
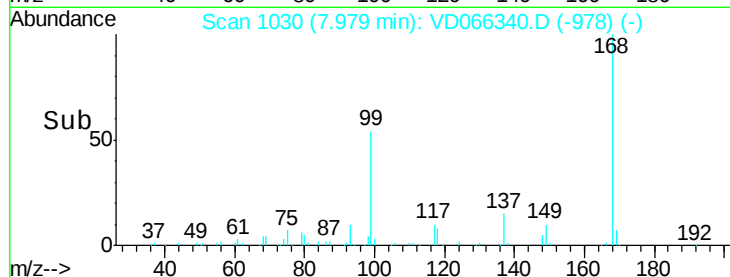
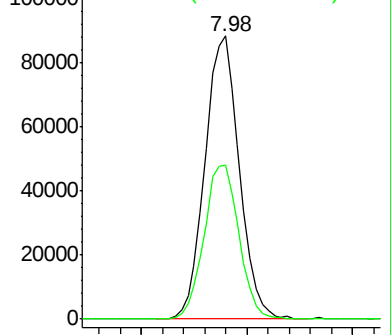
168 100

99 54.4 42.2 63.4



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: 61.820 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD066340.D

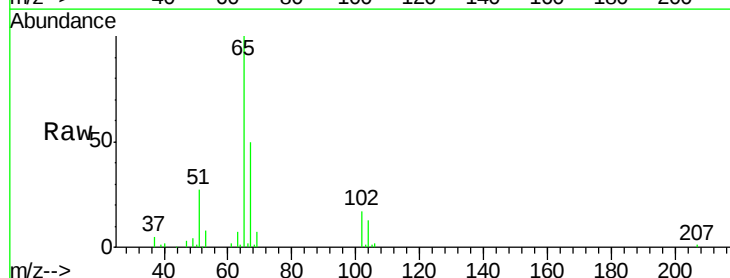
Acq: 20 Aug 2020 03:13

Tgt Ion: 65 Resp: 109690

Ion Ratio Lower Upper

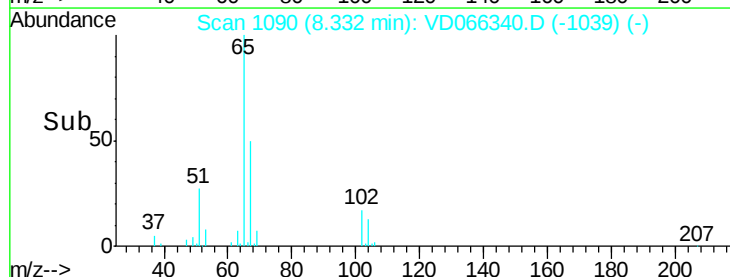
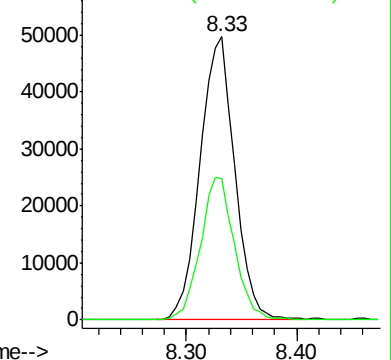
65 100

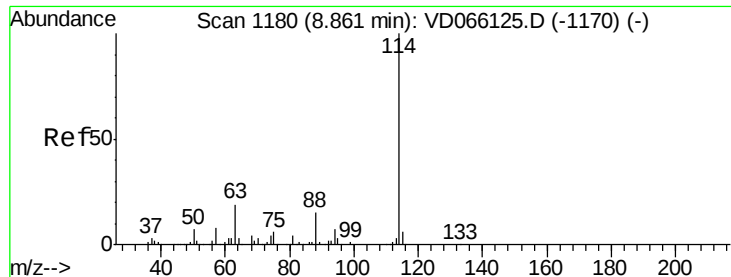
67 49.2 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

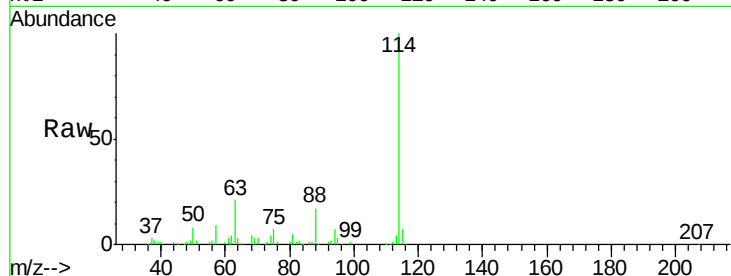




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066340.D
 Acq: 20 Aug 2020 03:13

Instrument :
 MSVOA_D
 ClientSampled :
 TP-4RE

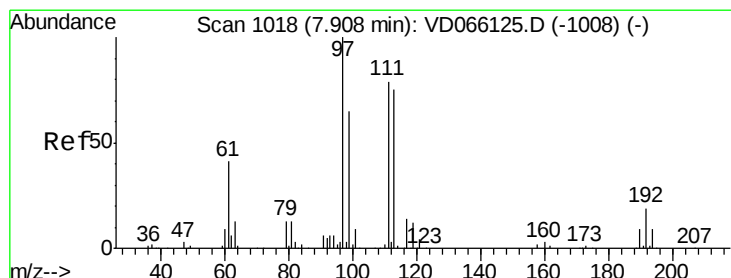
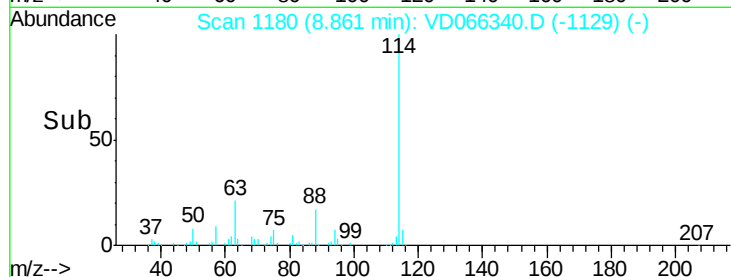
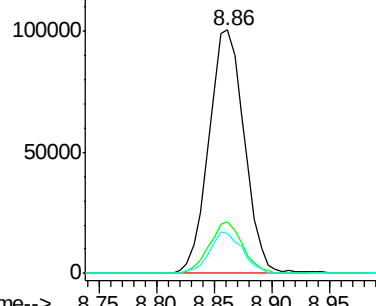
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	38.6
88	16.6	0.0	30.0



Abundance Ion 113.90 (113.60 to 114.60): V

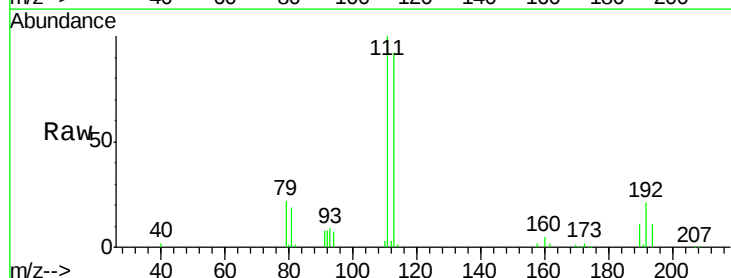
Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 77.347 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066340.D
 Acq: 20 Aug 2020 03:13

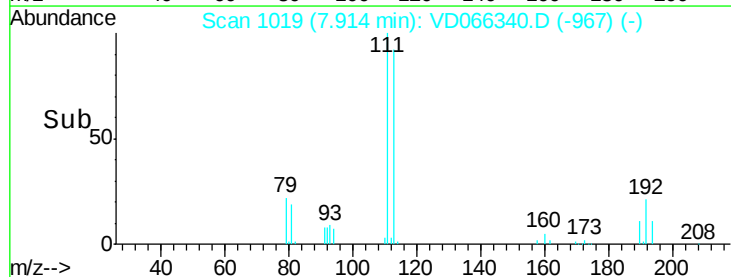
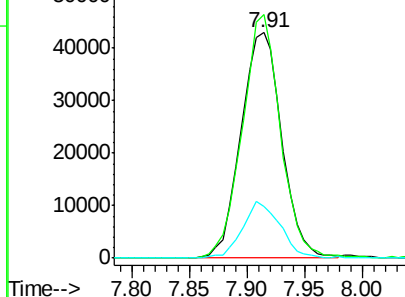
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	80.7	121.1
192	23.1	18.4	27.6

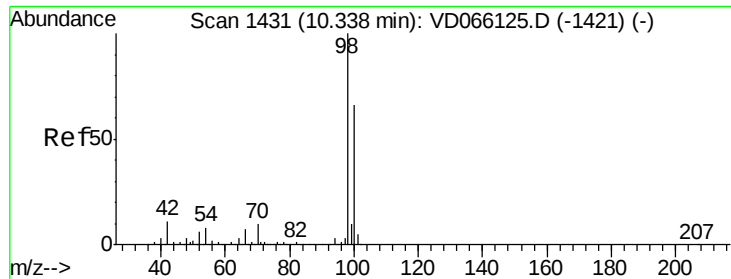


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

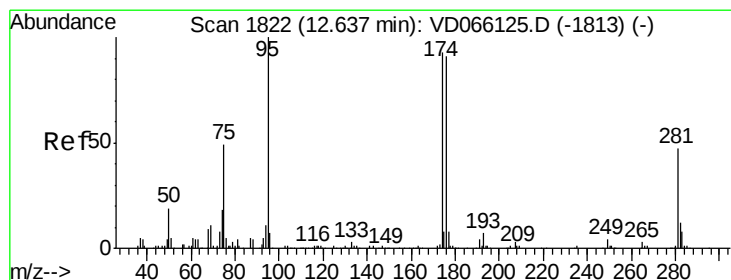
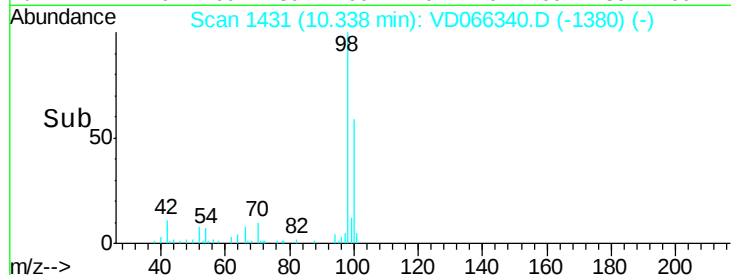
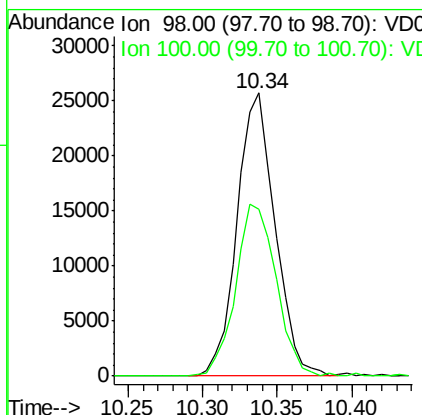
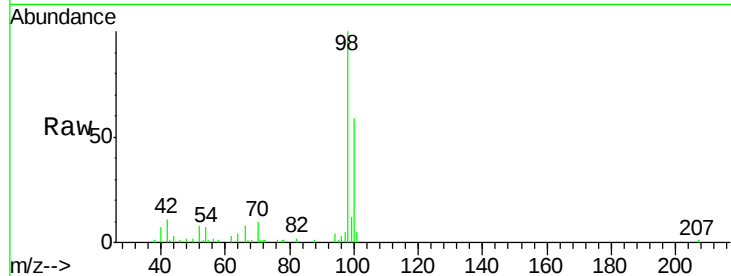




#50
Toluene-d8
Concen: 9.074 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066340.D
Acq: 20 Aug 2020 03:13

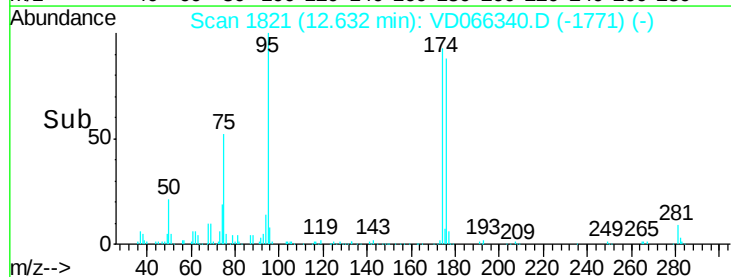
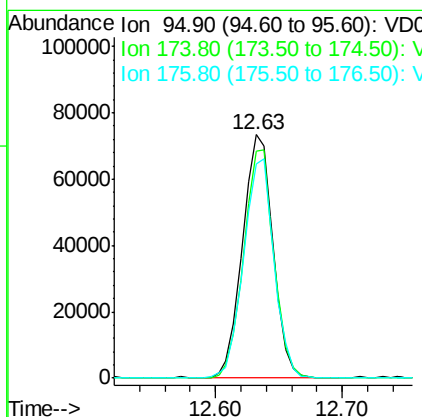
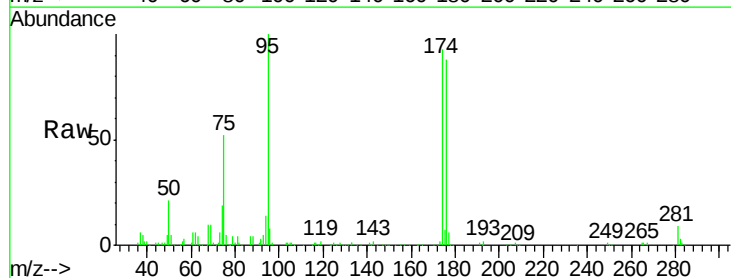
Instrument :
MSVOA_D
ClientSampleId :
TP-4RE

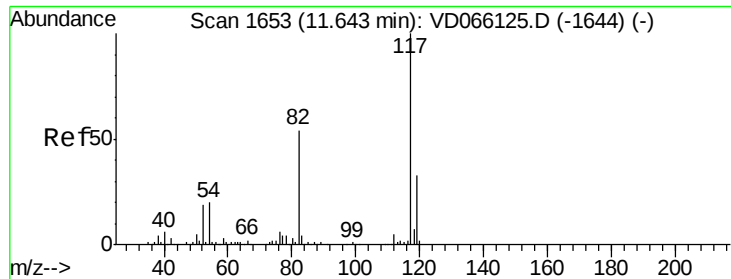
Tot Ion: 98 Resp: 45611
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 68.083 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066340.D
Acq: 20 Aug 2020 03:13

Tgt Ion: 95 Resp: 123359
Ion Ratio Lower Upper
95 100
174 92.5 0.0 180.8
176 89.5 0.0 181.2

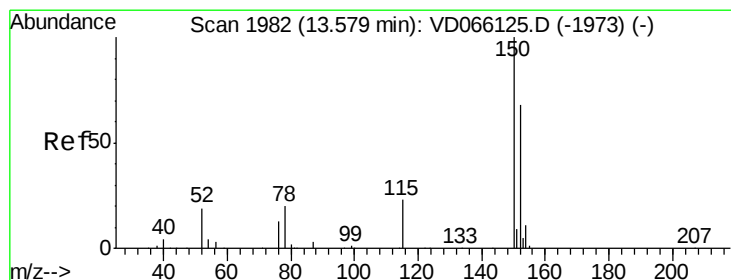
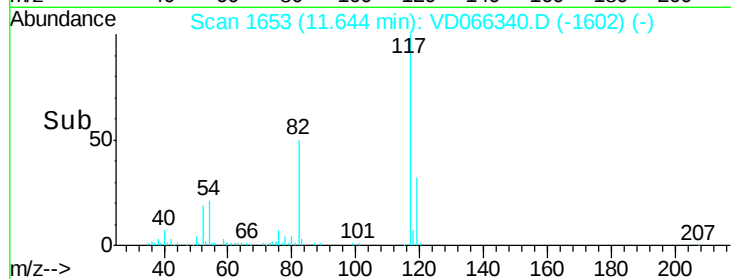
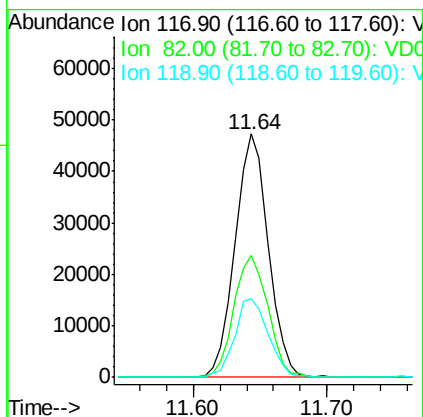
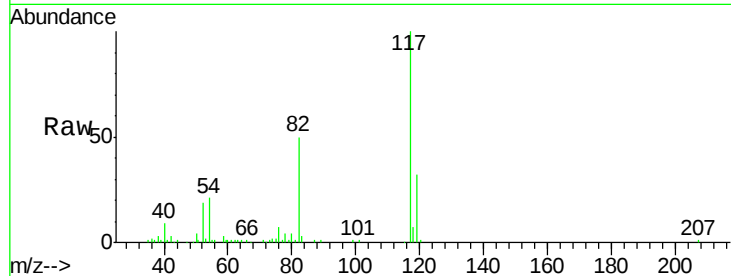




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066340.D
Acq: 20 Aug 2020 03:13

Instrument :
MSVOA_D
ClientSampleId :
TP-4RE

Tot Ion:117 Resp: 81551
Ion Ratio Lower Upper
117 100
82 50.1 43.0 64.4
119 32.3 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066340.D
Acq: 20 Aug 2020 03:13

Tgt Ion:152 Resp: 142676
Ion Ratio Lower Upper
152 100
115 57.5 28.0 83.9
150 159.2 0.0 346.4

