

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081920\
 Data File : VD066312.D
 Acq On : 19 Aug 2020 12:10
 Operator : VA/SY
 Sample : VD0819SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0819SBL01

Quant Time: Aug 19 16:09:41 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	7.97	168	237581	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	362417	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	330400	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	165920	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	119698	56.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.94%	
35) Dibromofluoromethane	7.91	113	118490	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
50) Toluene-d8	10.33	98	414915	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
62) 4-Bromofluorobenzene	12.63	95	143043	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	

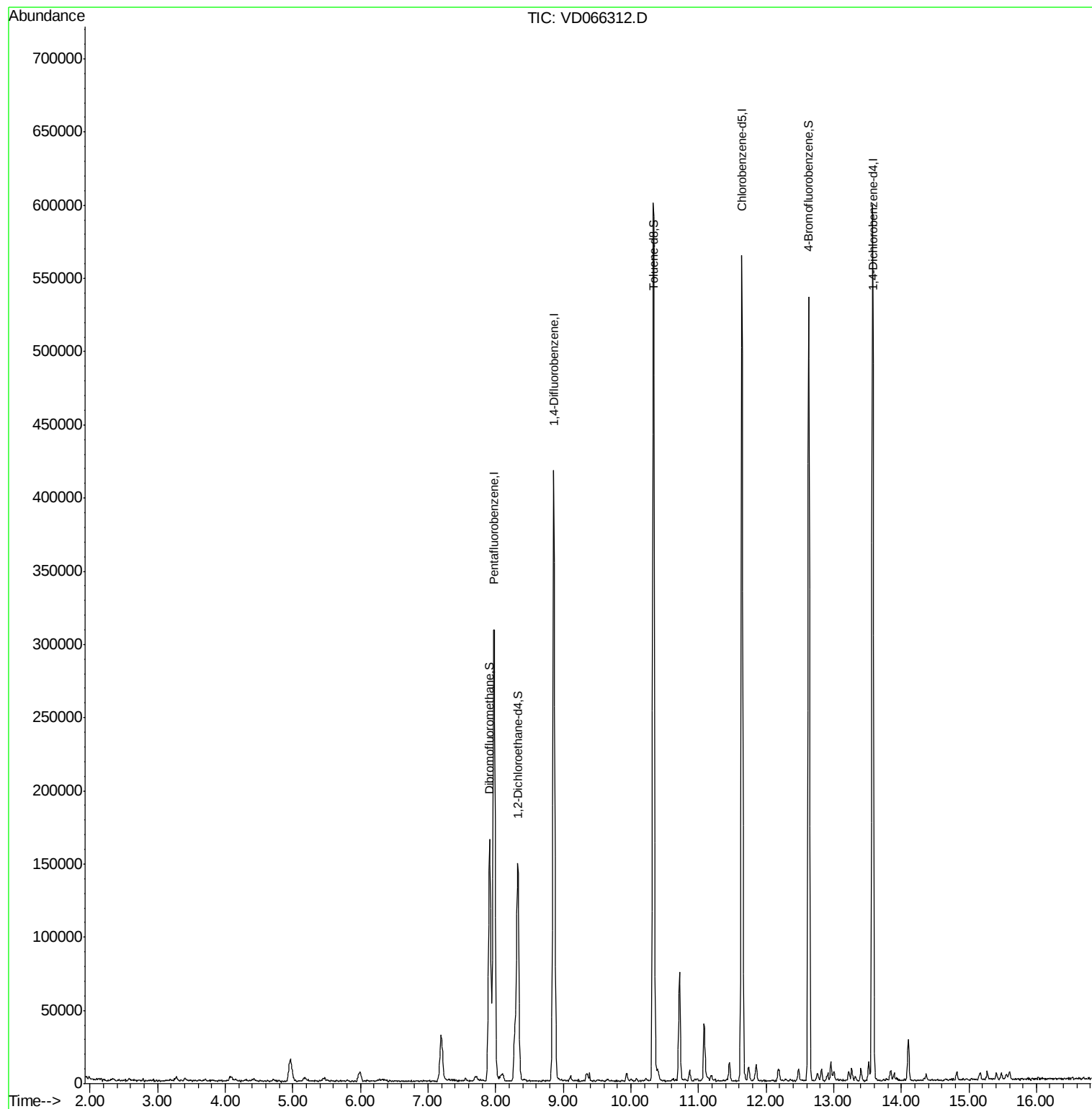
Target Compounds	Qvalue
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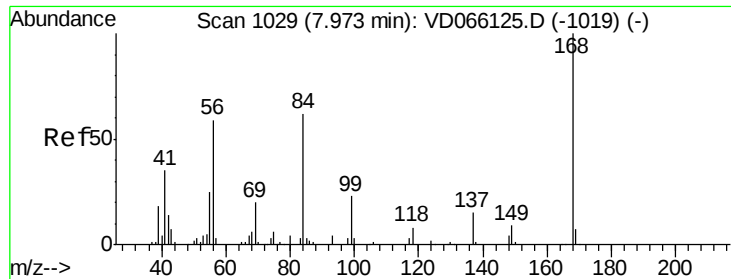
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081920\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066312.D

Acq: 19 Aug 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

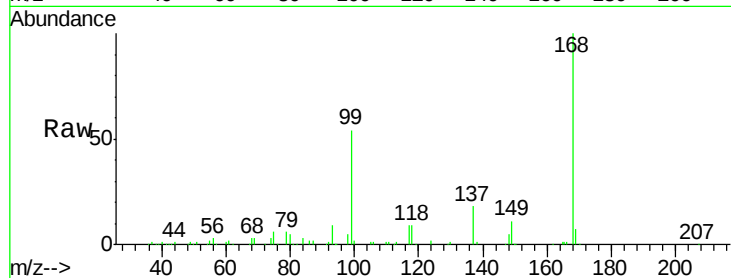
VD0819SBL01

Tot Ion:168 Resp: 237581

Ion Ratio Lower Upper

168 100

99 54.2 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

100000

80000

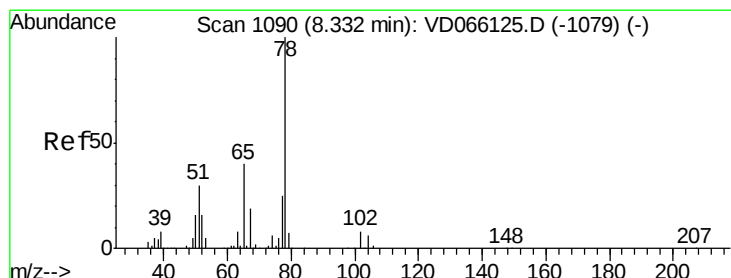
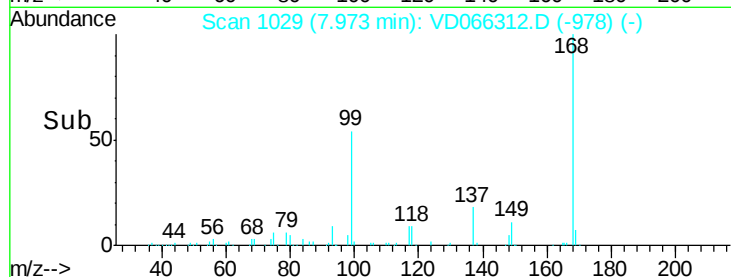
60000

40000

20000

0

Time--> 7.85 7.90 7.95 8.00 8.05



#33

1,2-Dichloroethane-d4

Concen: 56.472 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066312.D

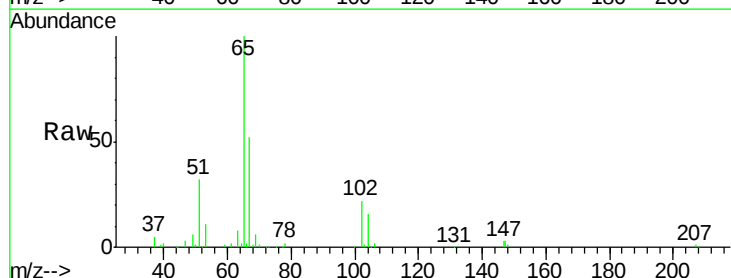
Acq: 19 Aug 2020 12:10

Tgt Ion: 65 Resp: 119698

Ion Ratio Lower Upper

65 100

67 50.0 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

60000

50000

40000

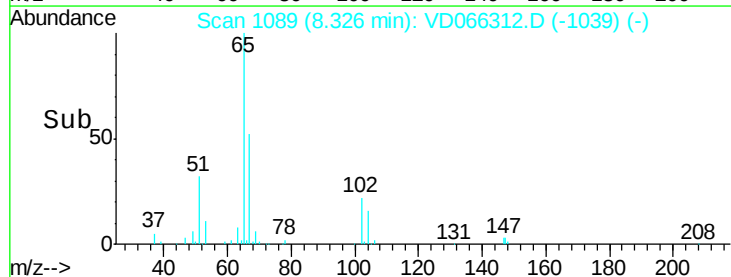
30000

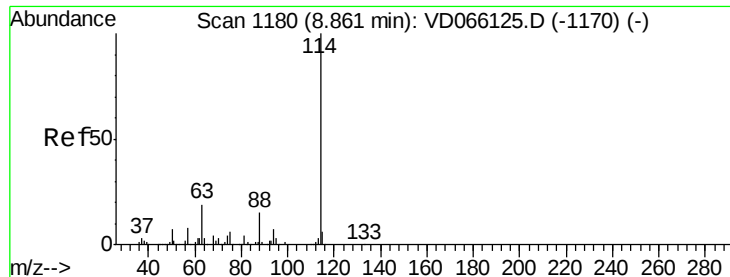
20000

10000

0

Time--> 8.20 8.30 8.40

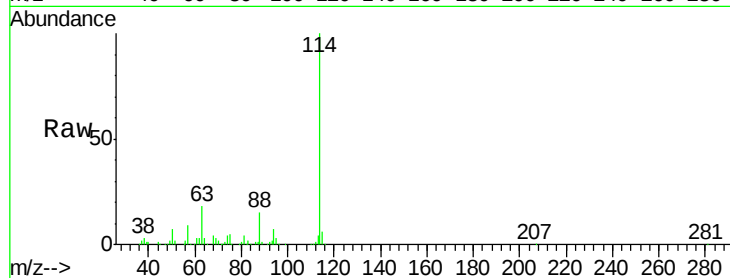




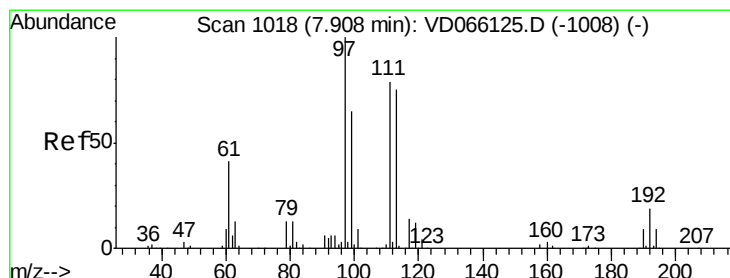
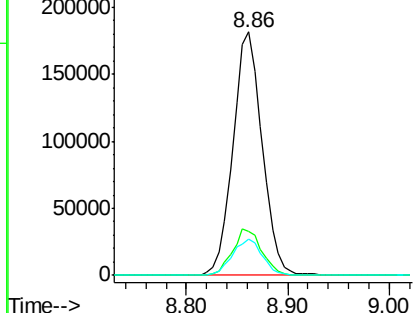
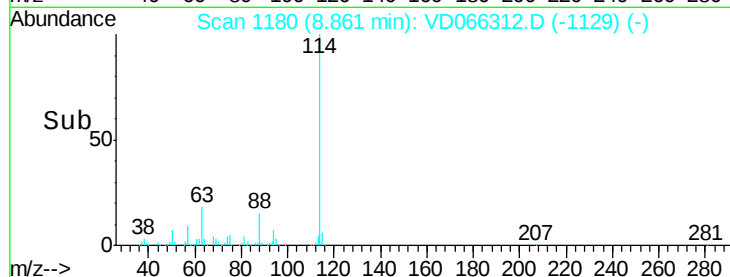
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066312.D
 Acq: 19 Aug 2020 12:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0819SBL01

Tot Ion:114 Resp: 362417
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 38.6
 88 14.8 0.0 30.0

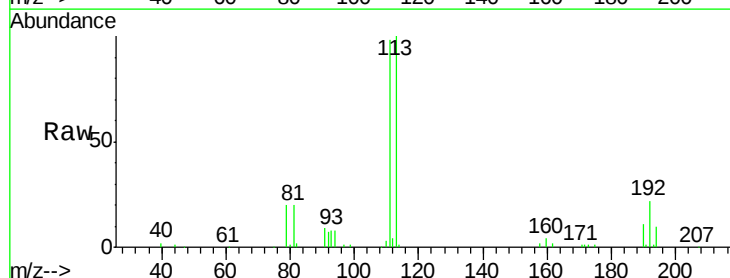


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

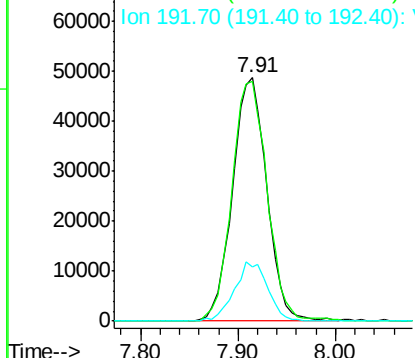
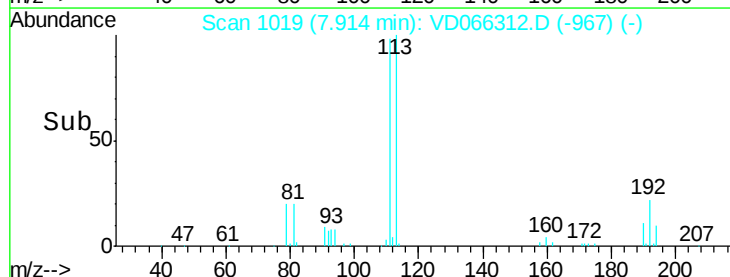


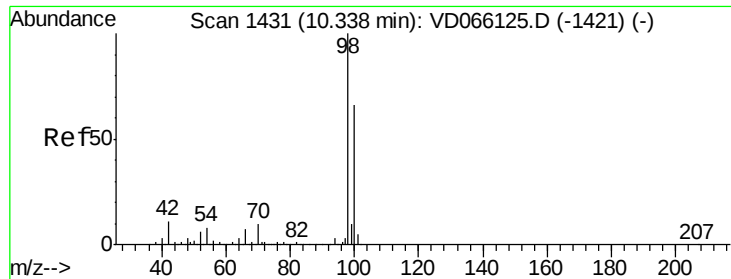
#35
 Dibromofluoromethane
 Concen: 51.610 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066312.D
 Acq: 19 Aug 2020 12:10

Tgt Ion:113 Resp: 118490
 Ion Ratio Lower Upper
 113 100
 111 101.7 80.7 121.1
 192 23.5 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

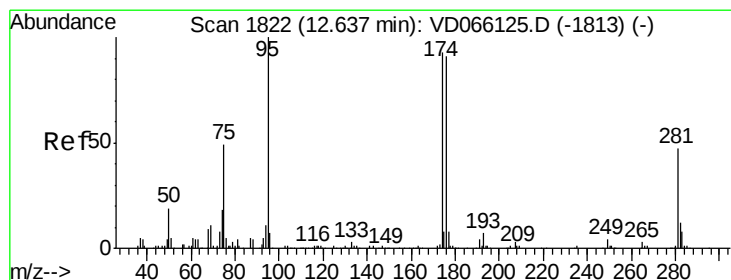
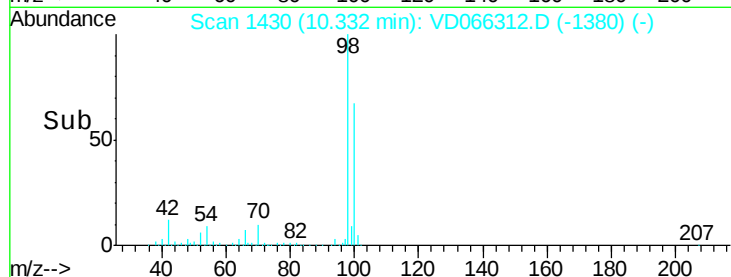
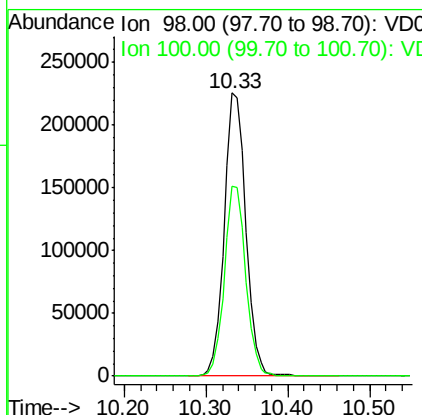
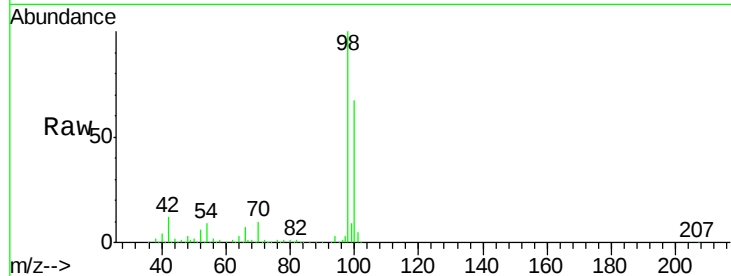




#50
Toluene-d8
Concen: 48.973 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066312.D
Acq: 19 Aug 2020 12:10

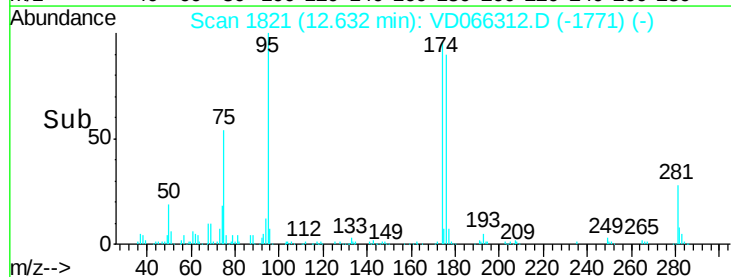
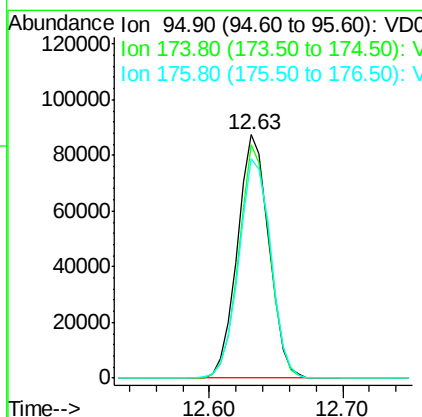
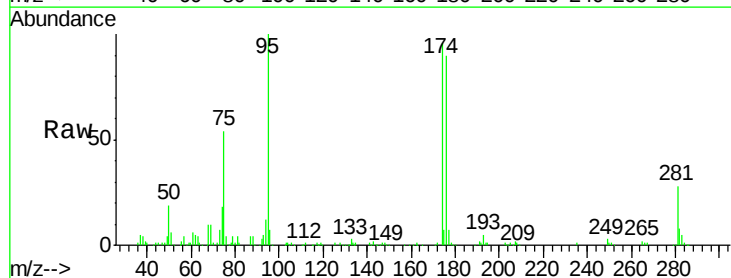
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBL01

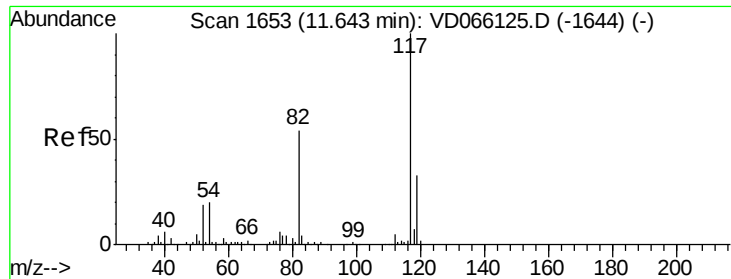
Tot Ion: 98 Resp: 414915
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 46.839 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066312.D
Acq: 19 Aug 2020 12:10

Tgt Ion: 95 Resp: 143043
Ion Ratio Lower Upper
95 100
174 93.1 0.0 180.8
176 91.5 0.0 181.2

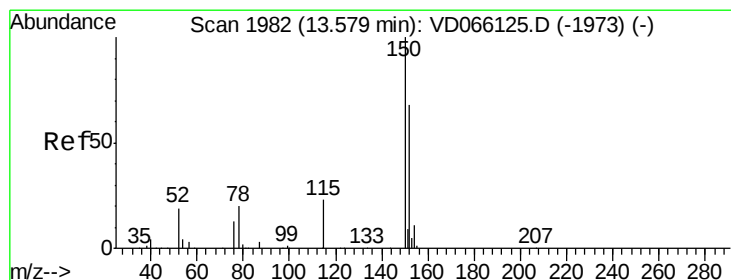
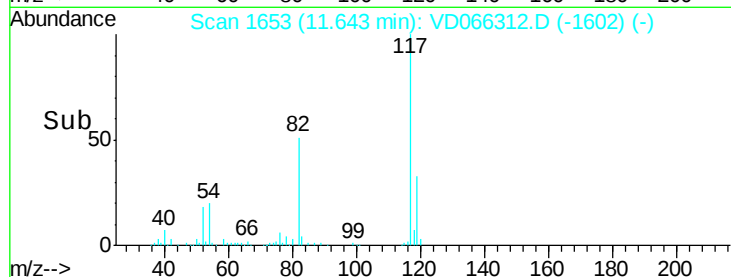
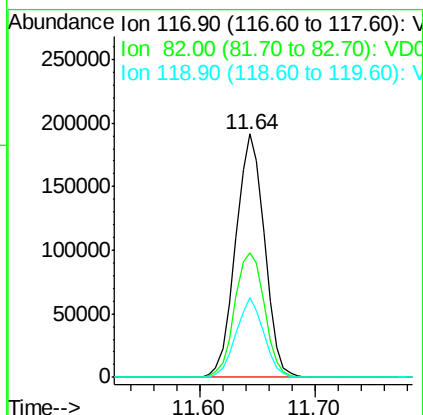
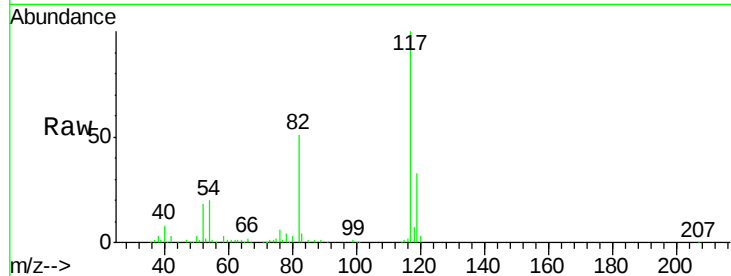




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066312.D
Acq: 19 Aug 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VD0819SBL01

Tot Ion:117 Resp: 330400
Ion Ratio Lower Upper
117 100
82 51.3 43.0 64.4
119 32.8 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: VD066312.D
Acq: 19 Aug 2020 12:10

Tgt Ion:152 Resp: 165920
Ion Ratio Lower Upper
152 100
115 54.4 28.0 83.9
150 155.2 0.0 346.4

