

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080620\
 Data File : VD066131.D
 Acq On : 06 Aug 2020 12:15
 Operator : VA/SY
 Sample : VD0806SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0806SBL01

Quant Time: Aug 07 01:41:03 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	344289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	540468	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	598904	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	323747	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	142904	46.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.04%	
35) Dibromofluoromethane	7.91	113	164996	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
50) Toluene-d8	10.34	98	647867	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	
62) 4-Bromofluorobenzene	12.63	95	290481	63.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.56%	

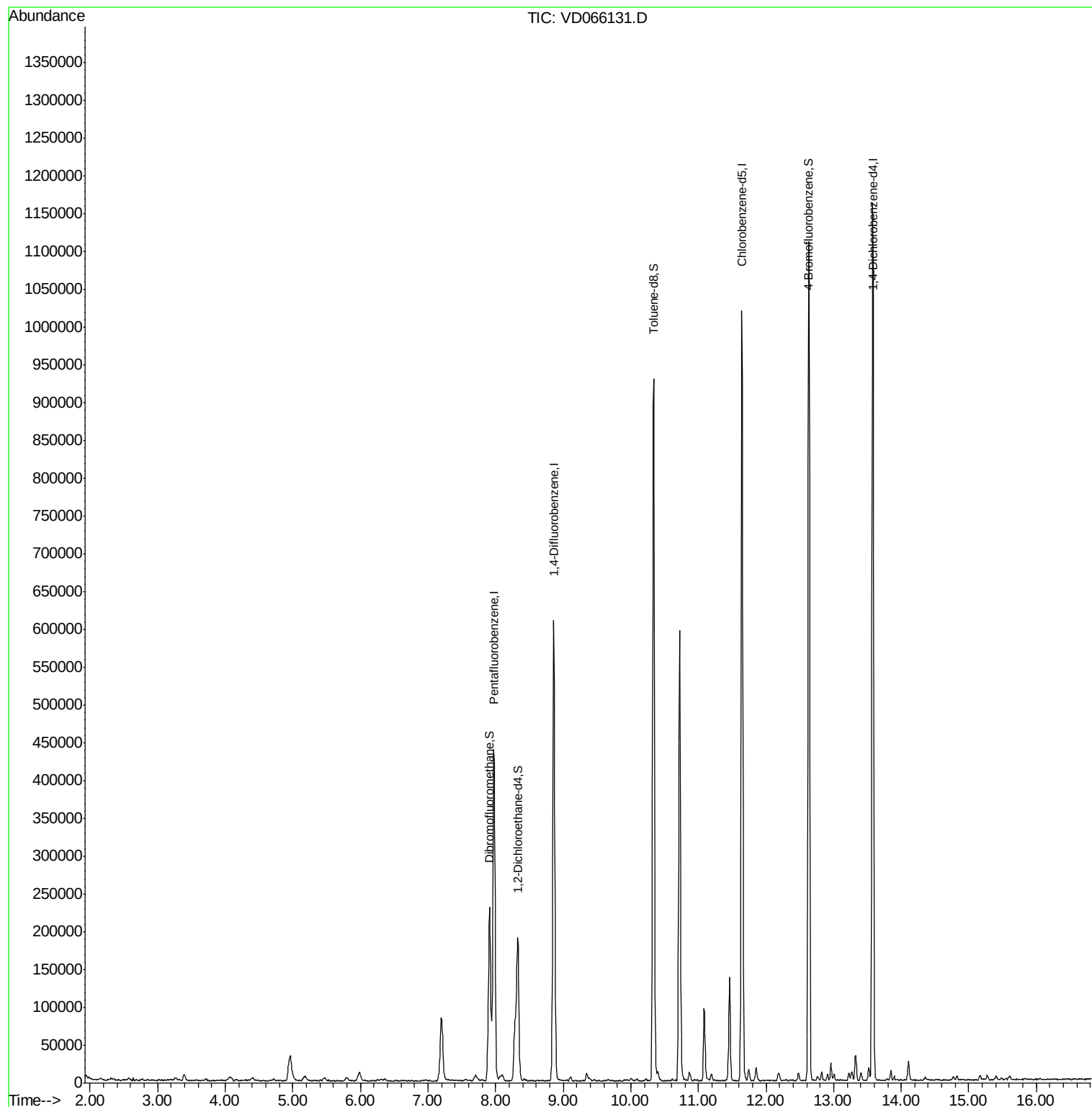
Target Compounds	Qvalue
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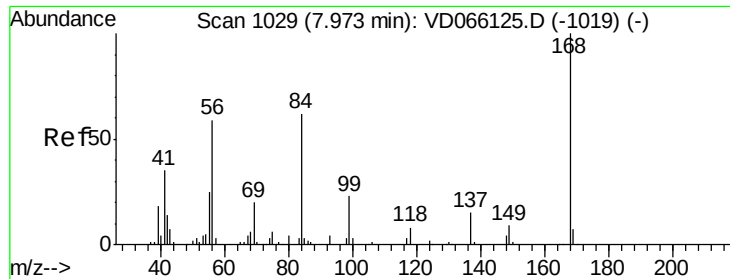
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066131.D

Acq: 06 Aug 2020 12:15

Instrument :

MSVOA_D

ClientSampleId :

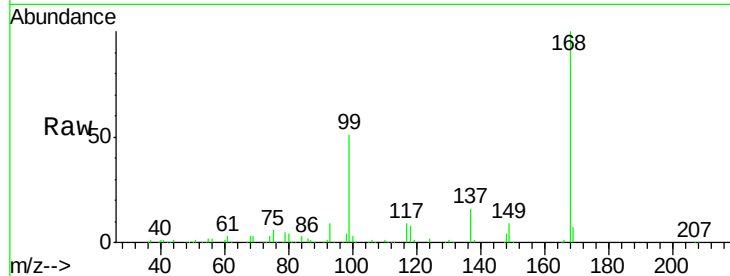
VD0806SBL01

Tot Ion:168 Resp: 344289

Ion Ratio Lower Upper

168 100

99 50.6 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

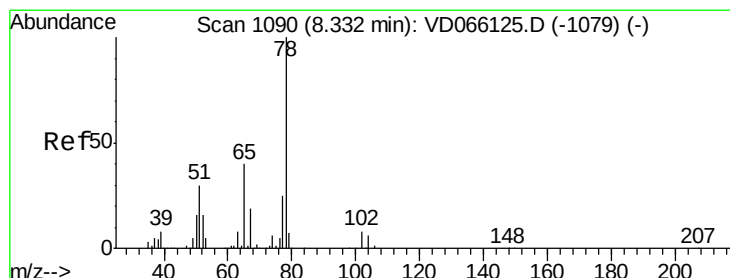
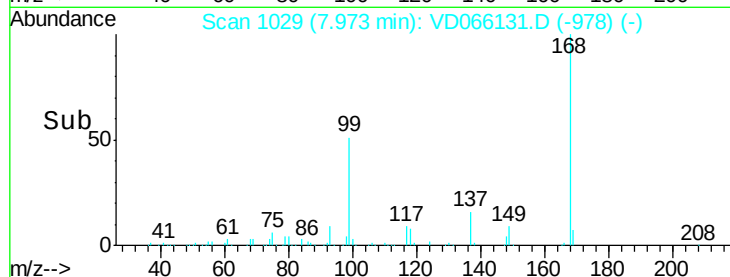
150000

100000

50000

0

Time--> 7.85 7.90 7.95 8.00 8.05



#33

1,2-Dichloroethane-d4

Concen: 46.525 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066131.D

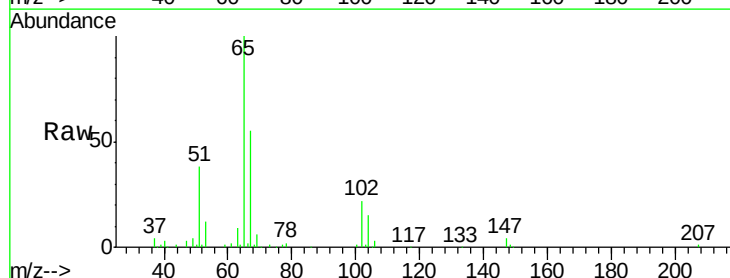
Acq: 06 Aug 2020 12:15

Tgt Ion: 65 Resp: 142904

Ion Ratio Lower Upper

65 100

67 53.6 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

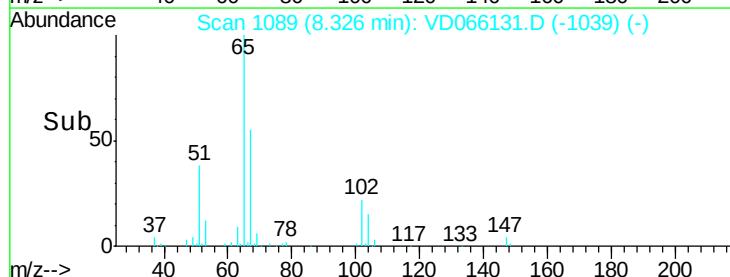
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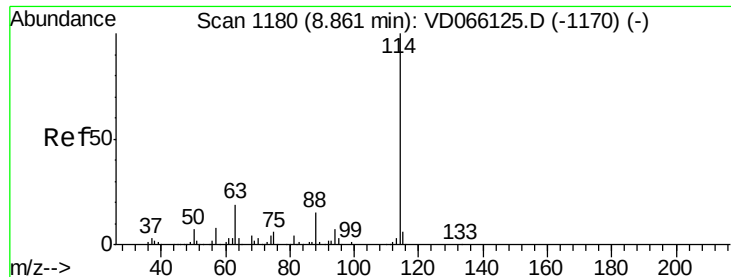
40000

20000

0

Time--> 8.25 8.30 8.35 8.40

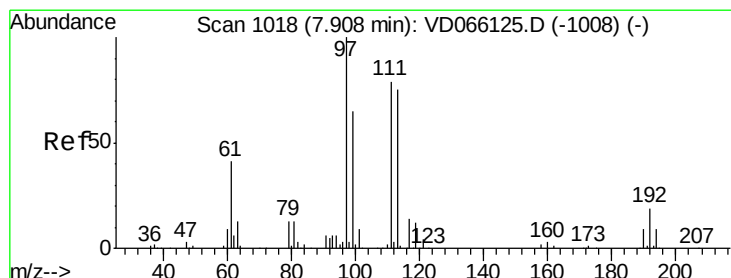
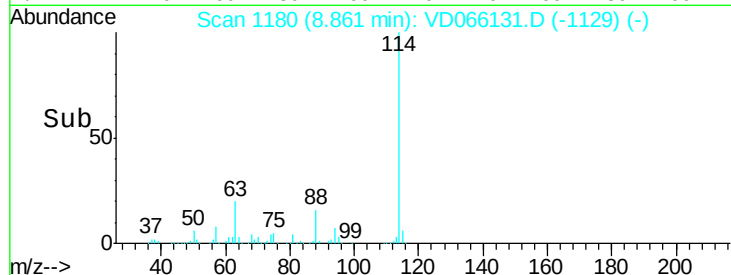
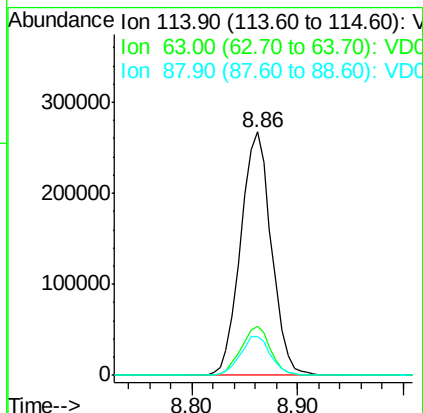
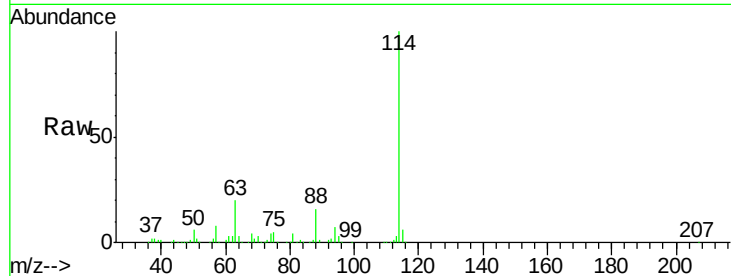




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066131.D
 Acq: 06 Aug 2020 12:15

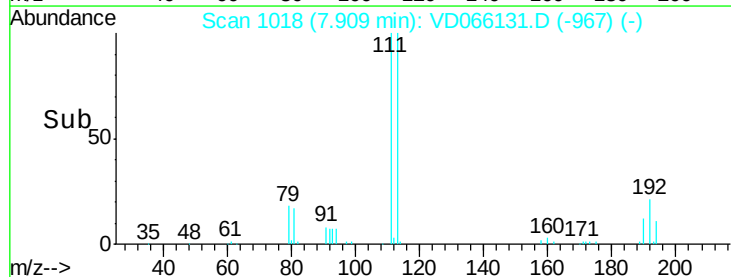
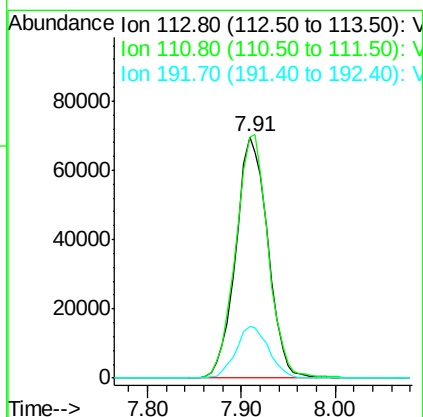
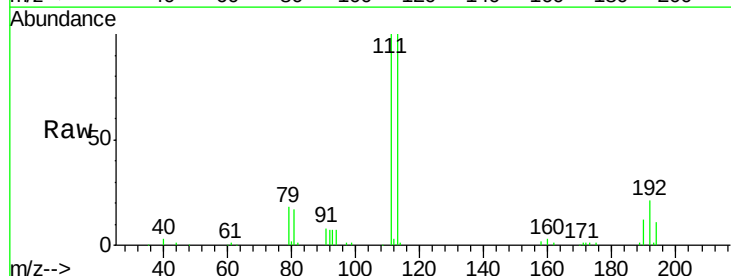
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0806SBL01

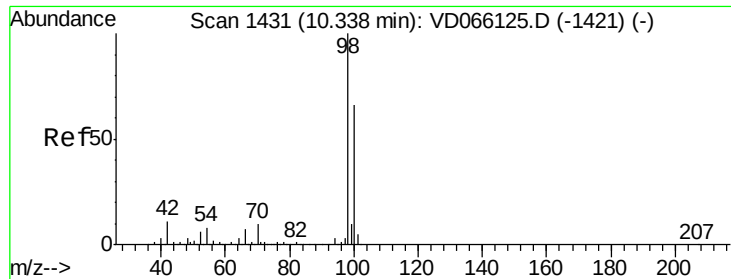
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	38.6
88	15.8	0.0	30.0



#35
 Dibromofluoromethane
 Concen: 48.191 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066131.D
 Acq: 06 Aug 2020 12:15

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	80.7	121.1
192	21.9	18.4	27.6

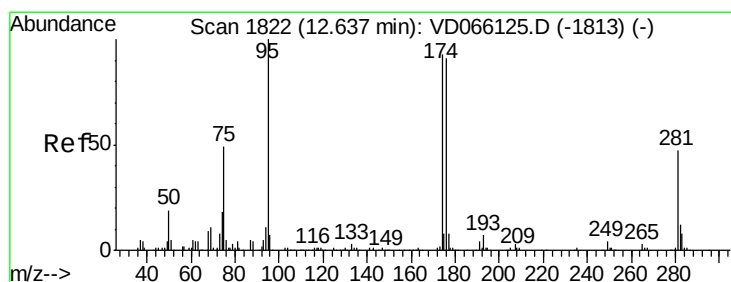
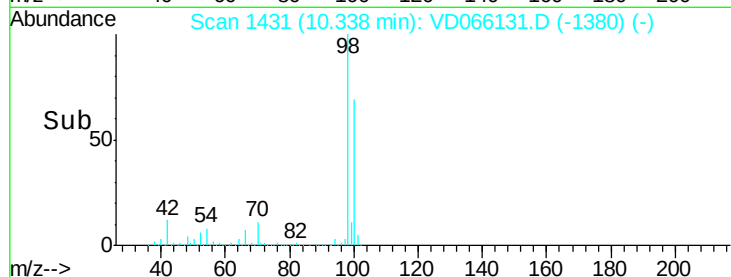
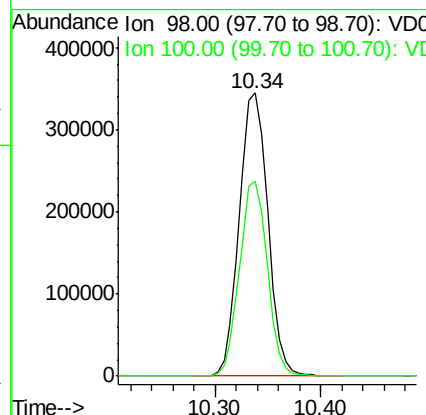
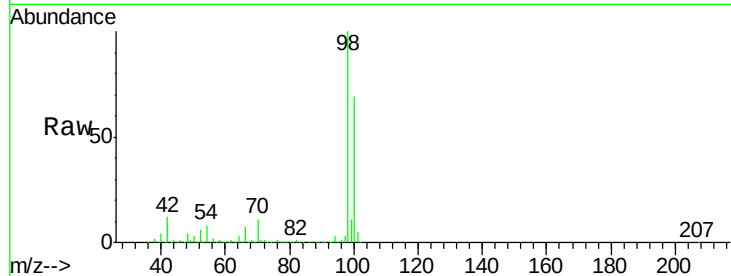




#50
Toluene-d8
Concen: 51.277 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066131.D
Acq: 06 Aug 2020 12:15

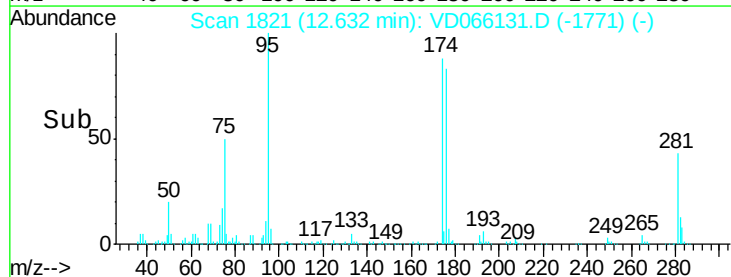
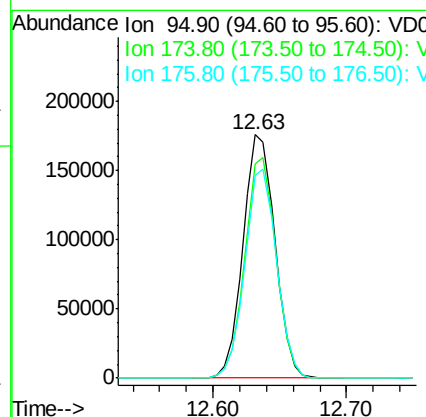
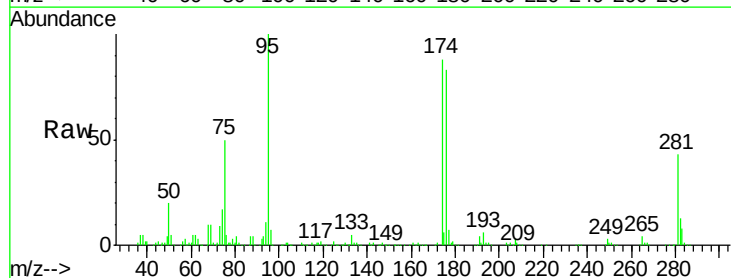
Instrument :
MSVOA_D
ClientSampleId :
VD0806SBL01

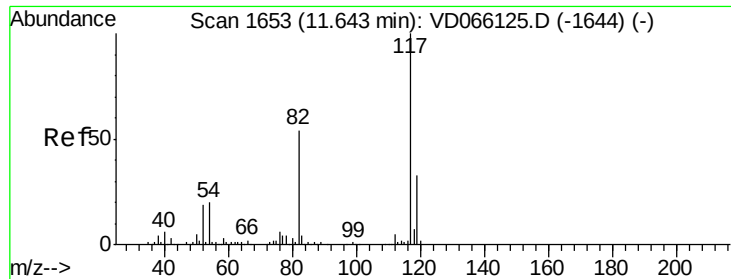
Tot Ion: 98 Resp: 647867
Ion Ratio Lower Upper
98 100
100 66.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 63.782 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066131.D
Acq: 06 Aug 2020 12:15

Tgt Ion: 95 Resp: 290481
Ion Ratio Lower Upper
95 100
174 88.5 0.0 180.8
176 85.4 0.0 181.2

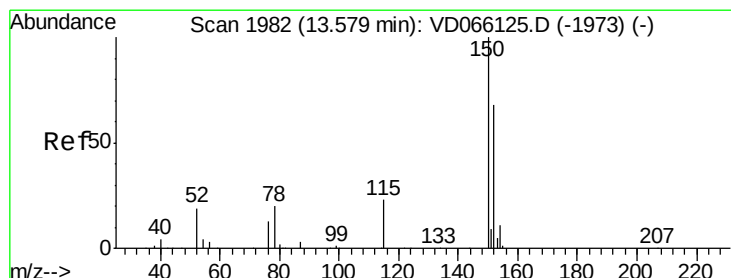
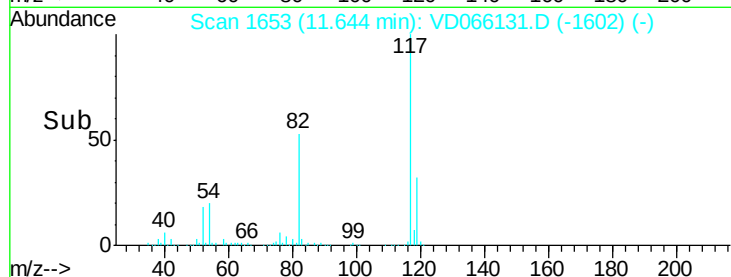
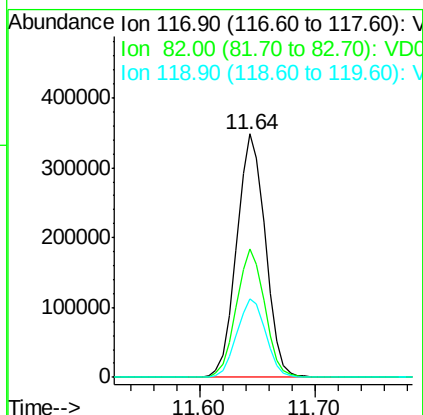
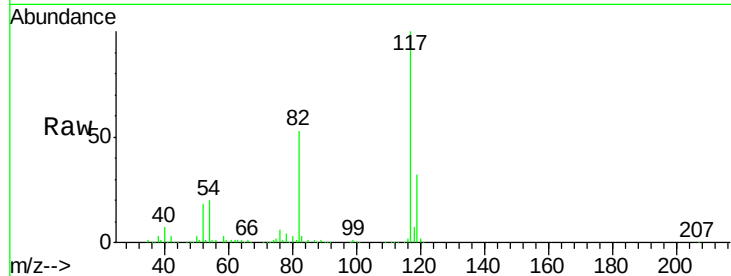




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066131.D
Acq: 06 Aug 2020 12:15

Instrument :
MSVOA_D
ClientSampleId :
VD0806SBL01

Tot Ion:117 Resp: 598904
Ion Ratio Lower Upper
117 100
82 52.6 43.0 64.4
119 32.1 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: VD066131.D
Acq: 06 Aug 2020 12:15

Tgt Ion:152 Resp: 323747
Ion Ratio Lower Upper
152 100
115 56.3 28.0 83.9
150 157.6 0.0 346.4

