

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090320\
 Data File : VD066547.D
 Acq On : 03 Sep 2020 21:23
 Operator : VA/SY
 Sample : L3871-01
 Misc : 6.36G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-090220

Quant Time: Sep 04 06:19:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	363909	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	674633	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	614105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	258905	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	246083	55.89	ug/l	0.00
Spiked Amount			Recovery	=	111.78%	
35) Dibromofluoromethane	7.91	113	231553	50.88	ug/l	0.00
Spiked Amount			Recovery	=	101.76%	
50) Toluene-d8	10.34	98	842629	51.80	ug/l	0.00
Spiked Amount			Recovery	=	103.60%	
62) 4-Bromofluorobenzene	12.63	95	259915	48.19	ug/l	0.00
Spiked Amount			Recovery	=	96.38%	

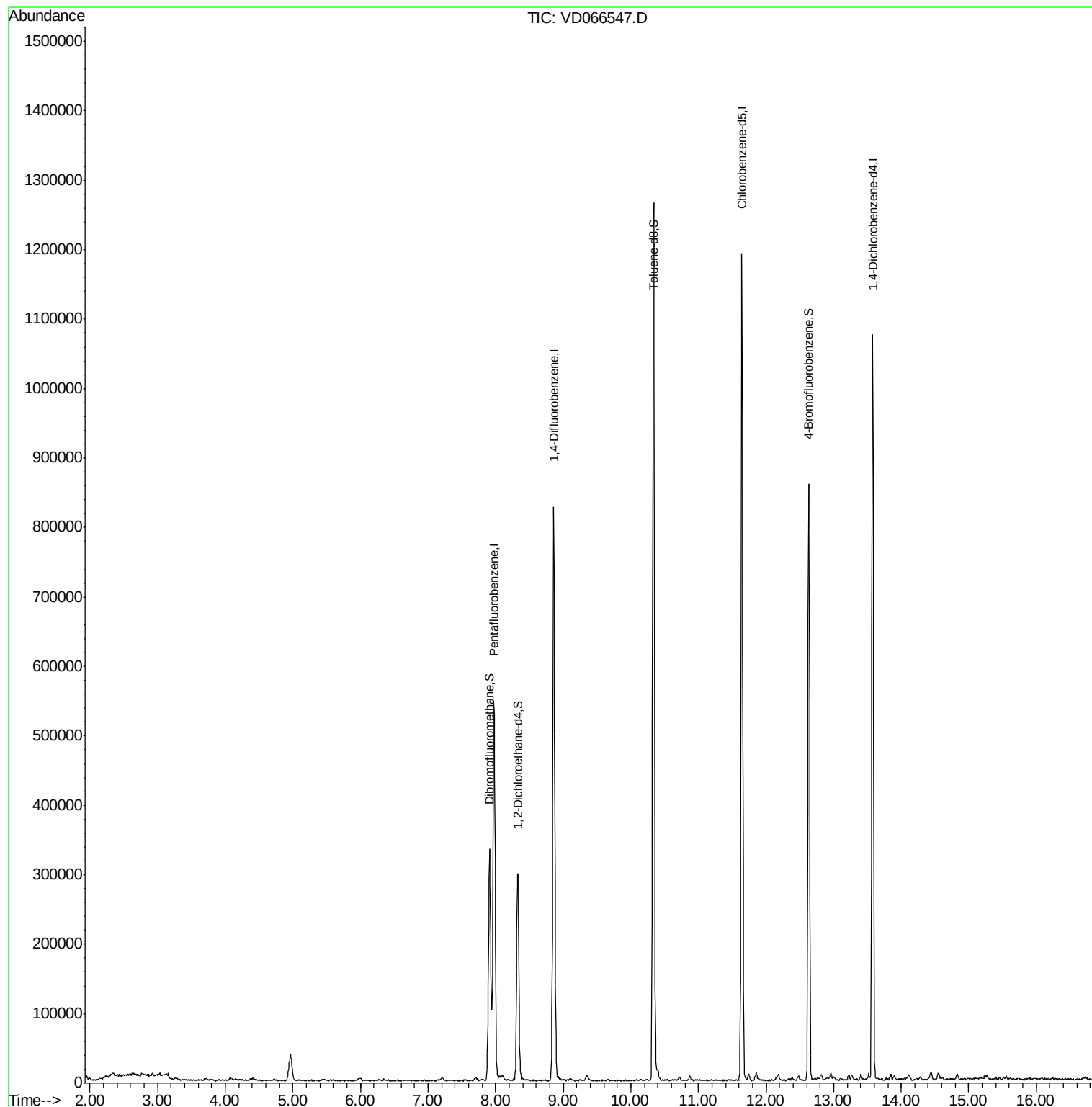
Target Compounds	Qvalue
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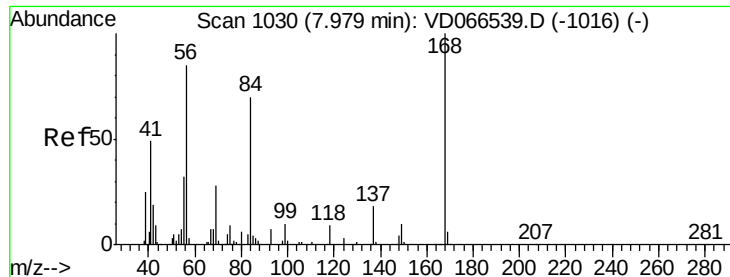
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066547.D

Acq: 03 Sep 2020 21:23

Instrument :

MSVOA_D

ClientSampleId :

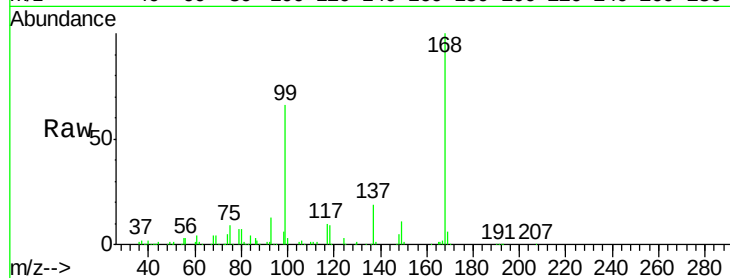
TR-05-090220

Tot Ion:168 Resp: 363909

Ion Ratio Lower Upper

168 100

99 65.6 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

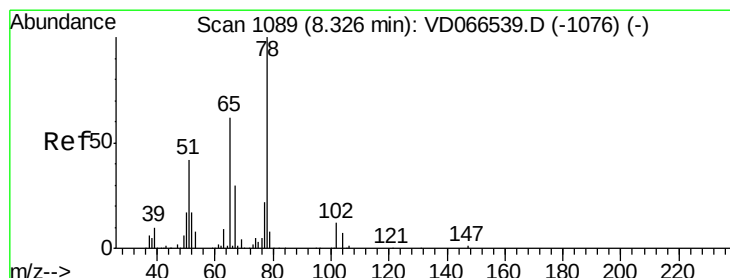
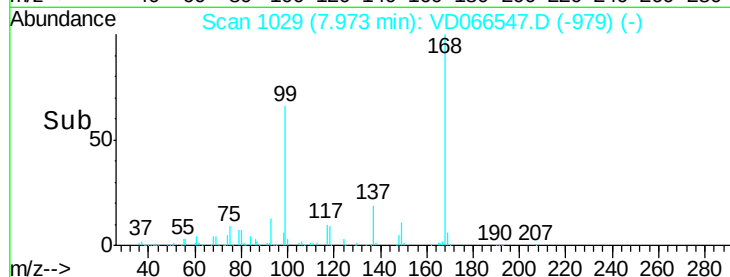
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.890 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VD066547.D

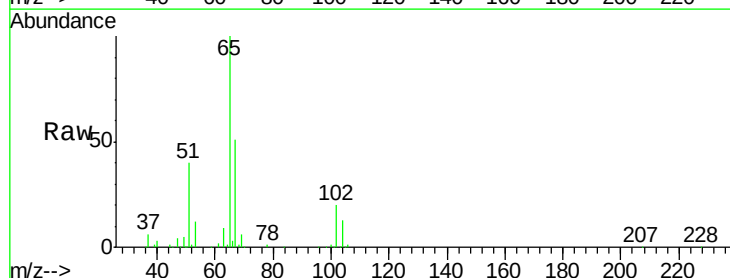
Acq: 03 Sep 2020 21:23

Tgt Ion: 65 Resp: 246083

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

120000

100000

80000

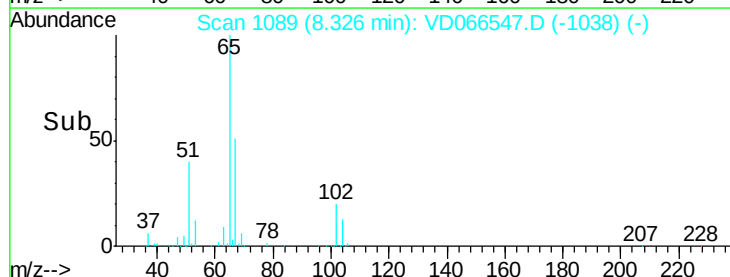
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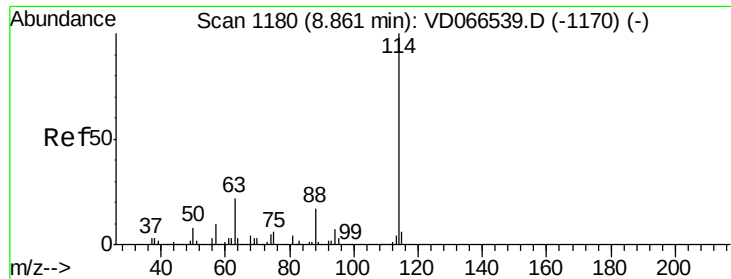
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20000

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Time-->

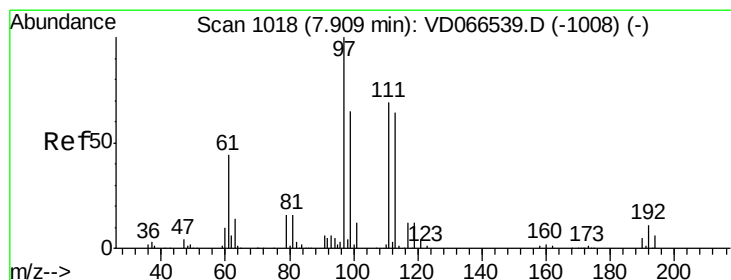
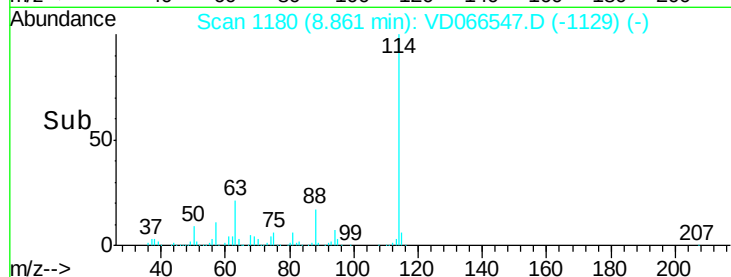
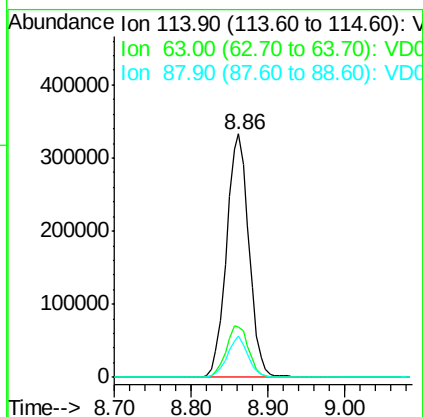
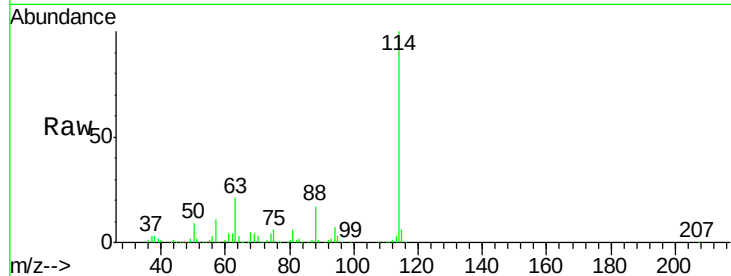




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066547.D
 Acq: 03 Sep 2020 21:23

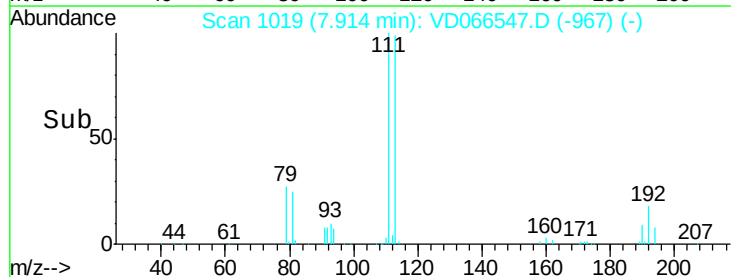
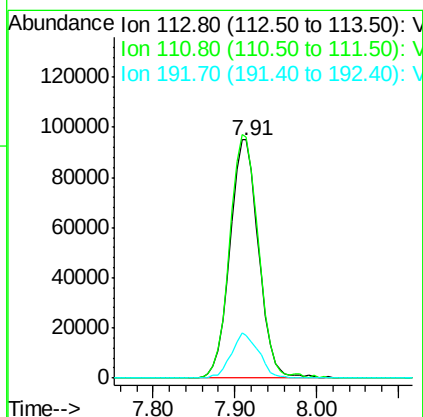
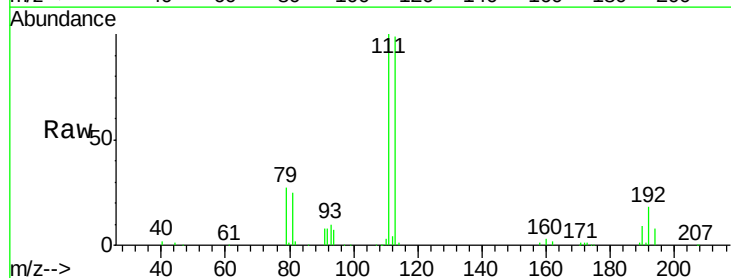
Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-090220

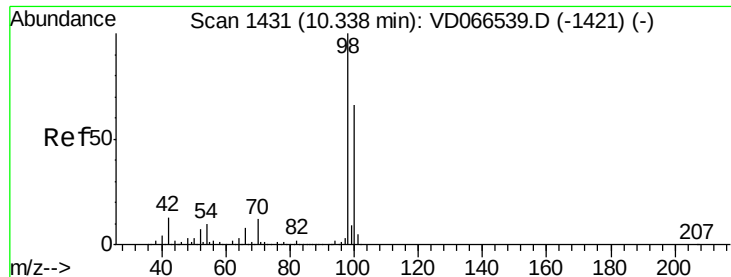
Tot Ion:114 Resp: 674633
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 43.2
 88 16.8 0.0 33.2



#35
 Dibromofluoromethane
 Concen: 50.878 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066547.D
 Acq: 03 Sep 2020 21:23

Tgt Ion:113 Resp: 231553
 Ion Ratio Lower Upper
 113 100
 111 102.4 83.2 124.8
 192 18.1 13.7 20.5

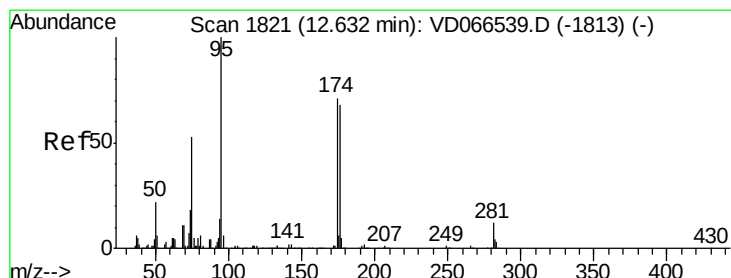
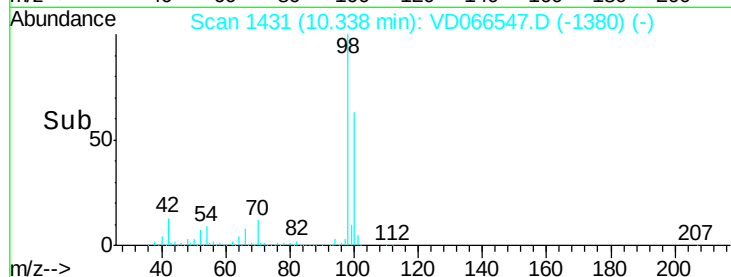
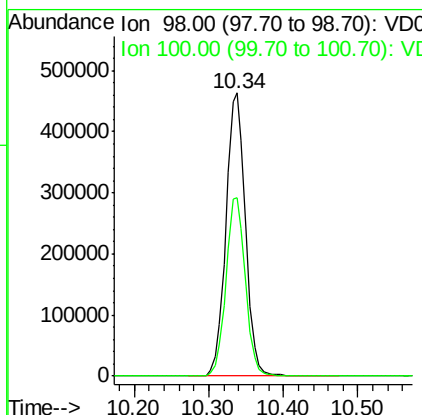
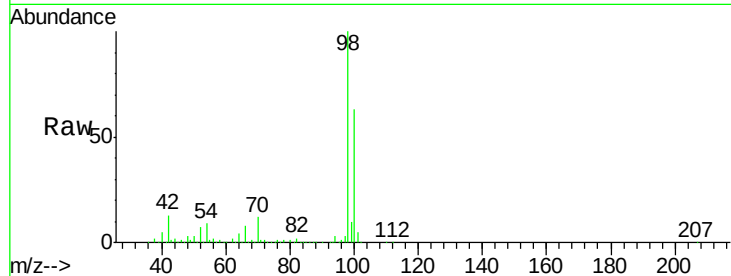




#50
Toluene-d8
Concen: 51.802 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066547.D
Acq: 03 Sep 2020 21:23

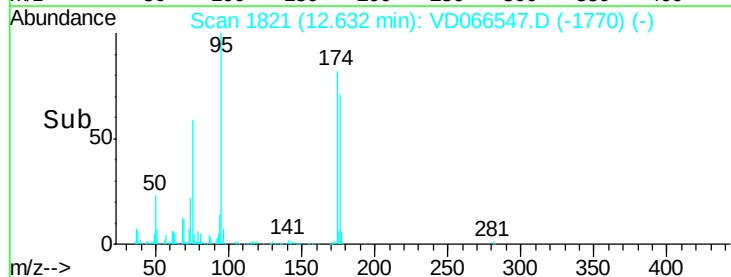
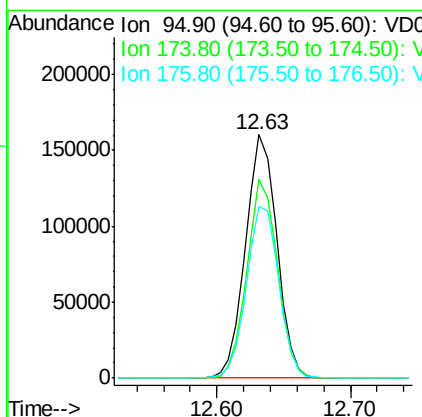
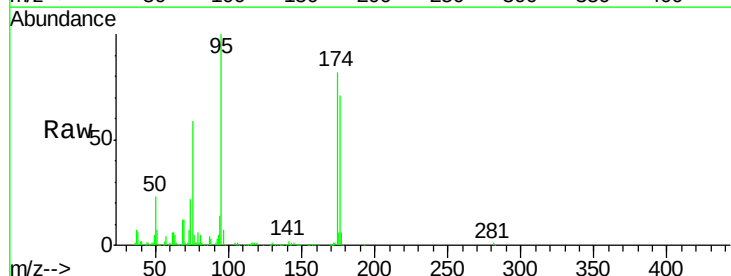
Instrument :
MSVOA_D
ClientSampled :
TR-05-090220

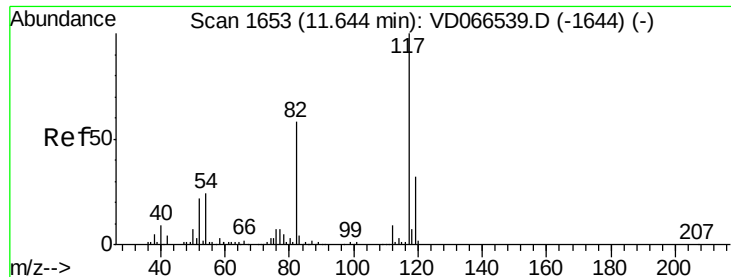
Tot Ion: 98 Resp: 842629
Ion Ratio Lower Upper
98 100
100 63.2 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 48.188 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066547.D
Acq: 03 Sep 2020 21:23

Tgt Ion: 95 Resp: 259915
Ion Ratio Lower Upper
95 100
174 79.4 0.0 155.8
176 72.5 0.0 148.6

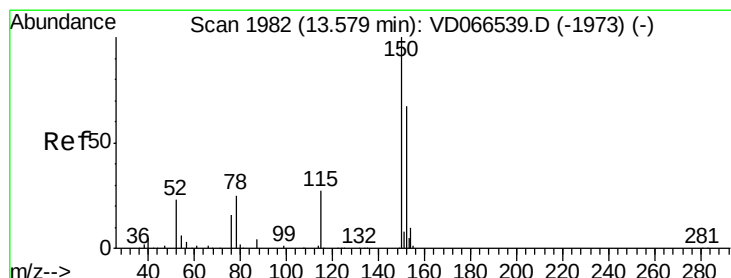
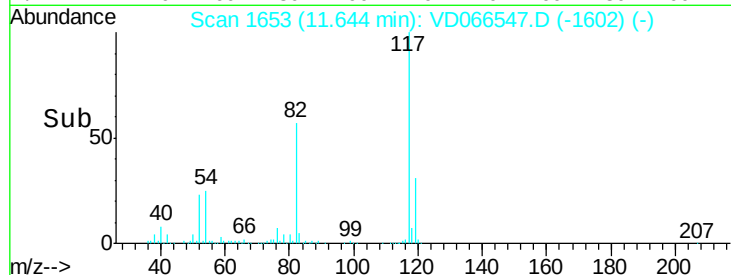
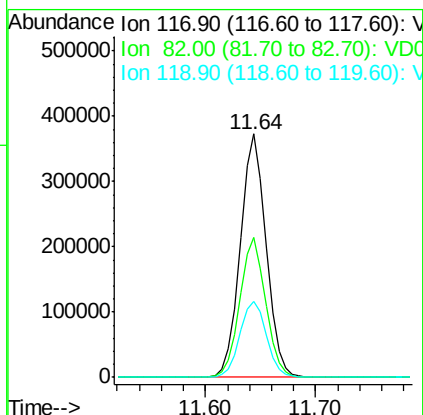
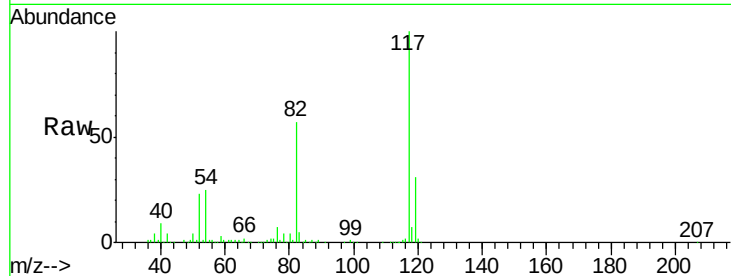




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066547.D
Acq: 03 Sep 2020 21:23

Instrument :
MSVOA_D
ClientSampleId :
TR-05-090220

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.4	46.2	69.2
119	31.2	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066547.D
Acq: 03 Sep 2020 21:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.1	30.4	91.2
150	158.1	0.0	345.8

