

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100720\
 Data File : VD067160.D
 Acq On : 07 Oct 2020 18:46
 Operator : VA/SY
 Sample : L4282-03
 Misc : 1.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 68-89

Quant Time: Oct 08 08:23:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

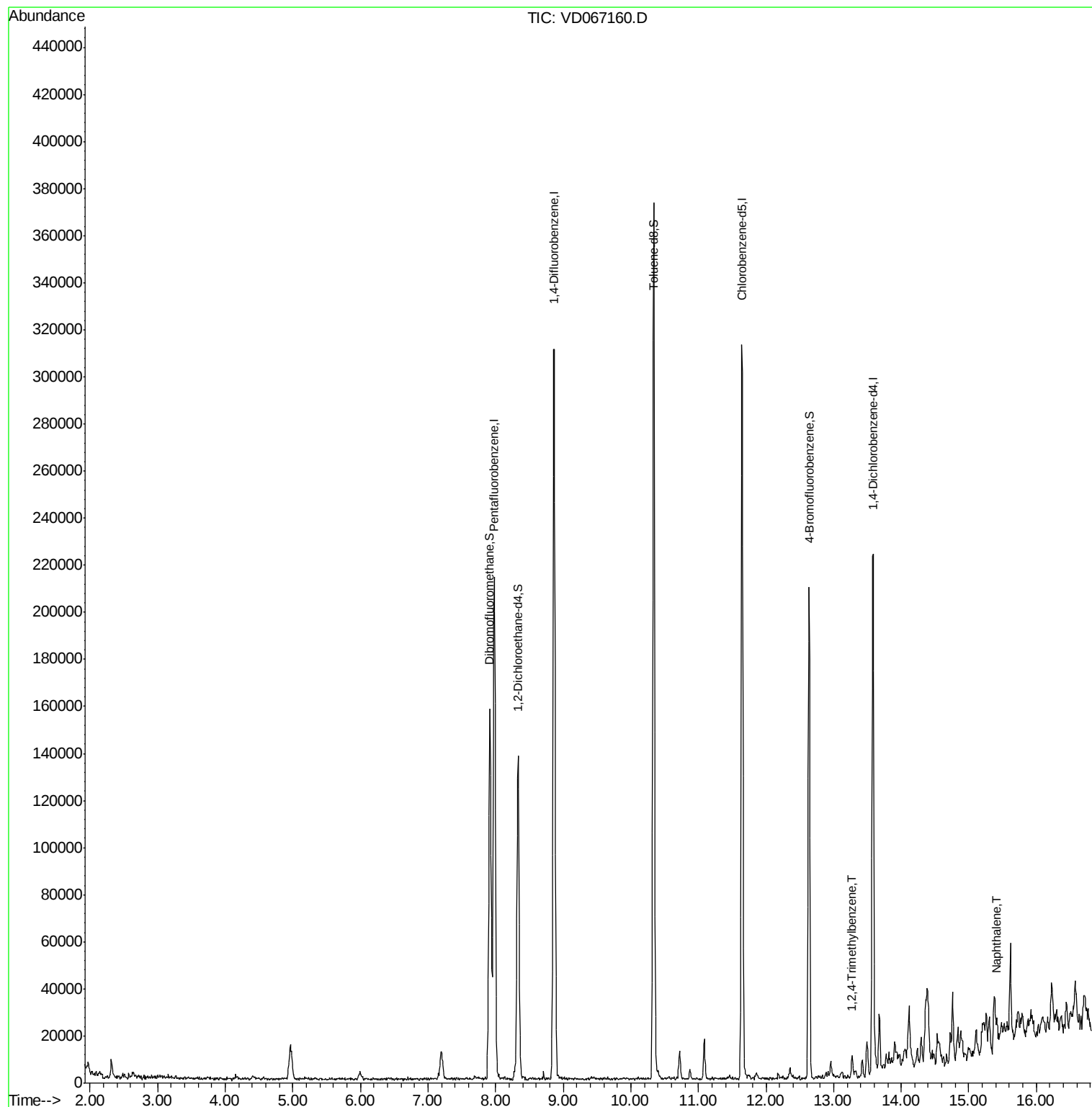
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	157461	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	283630	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	197251	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	62958	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	113650	74.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	149.86%	
35) Dibromofluoromethane	7.92	113	111406	60.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.00%	
50) Toluene-d8	10.34	98	262873	38.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.70%	
62) 4-Bromofluorobenzene	12.64	95	66100	28.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	57.56%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.27	105	5203	1.443	ug/l	99
95) Naphthalene	15.41	128	7475	3.946	ug/l #	89

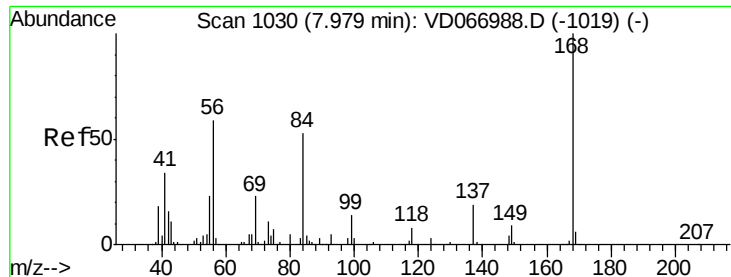
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067160.D

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Instrument :

MSVOA_D

ClientSampled :

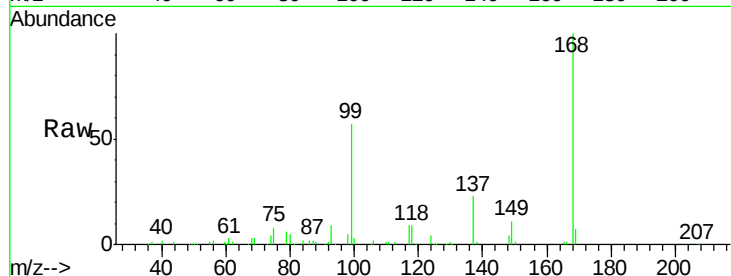
68-89

Tot Ion:168 Resp: 157461

Ion Ratio Lower Upper

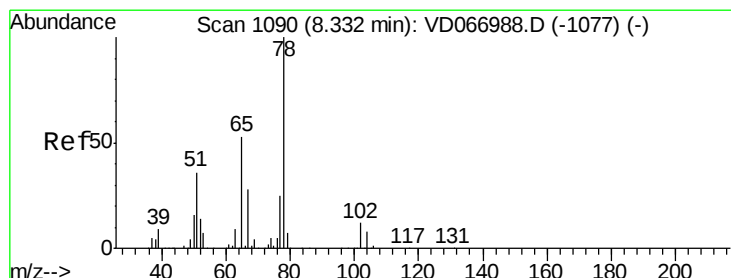
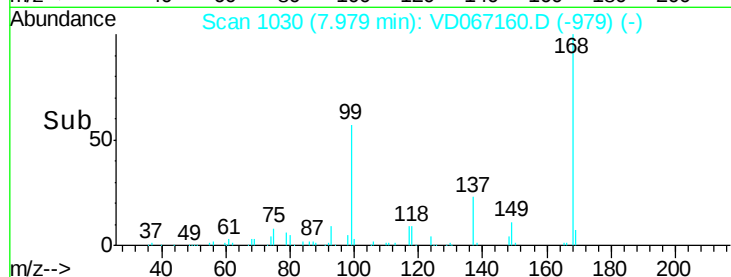
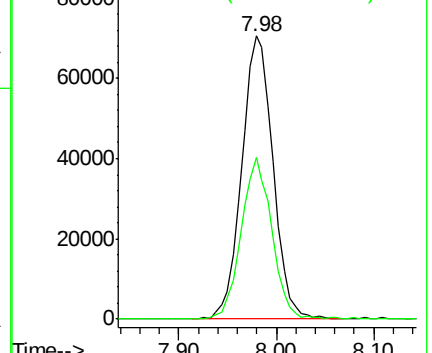
168 100

99 57.1 44.1 66.1



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: 74.935 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067160.D

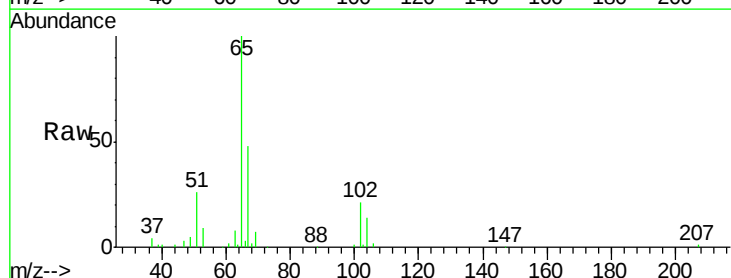
Acq: 07 Oct 2020 18:46

Tgt Ion: 65 Resp: 113650

Ion Ratio Lower Upper

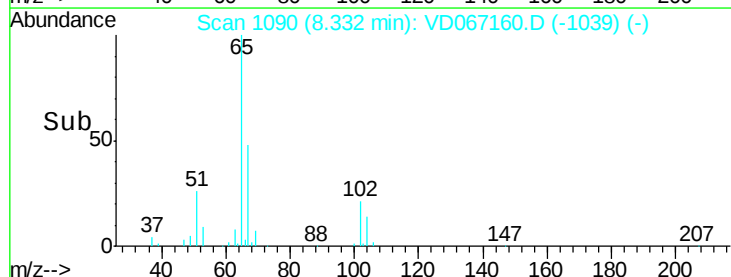
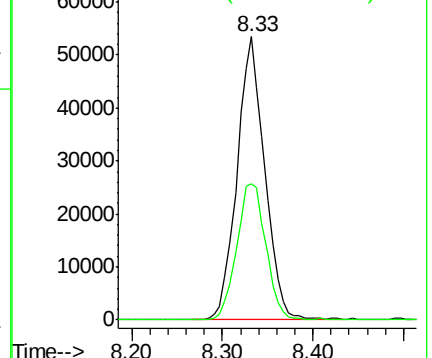
65 100

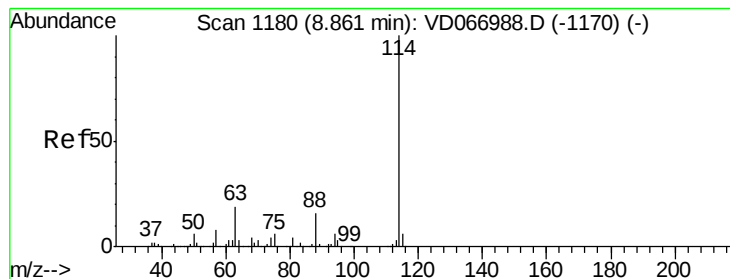
67 50.2 0.0 106.8



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: VD067160.D

Acq: 07 Oct 2020 18:46

Instrument :

MSVOA_D

ClientSampleId :

68-89

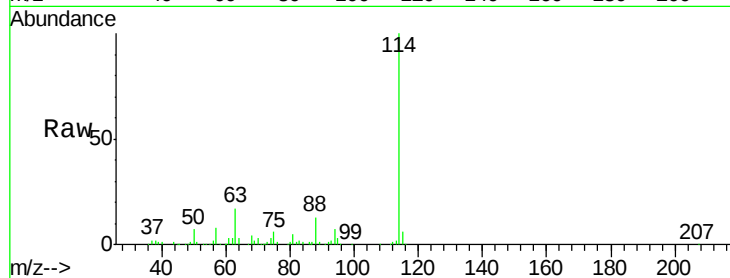
Tot Ion:114 Resp: 283630

Ion Ratio Lower Upper

114 100

63 16.9 0.0 38.4

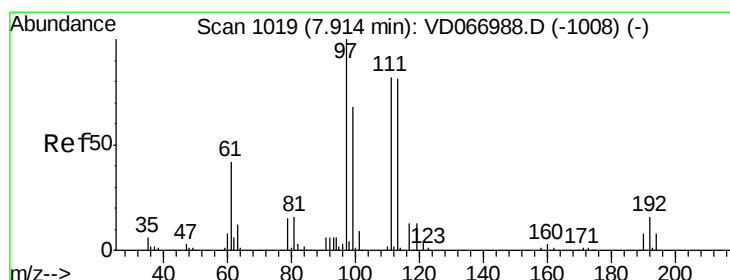
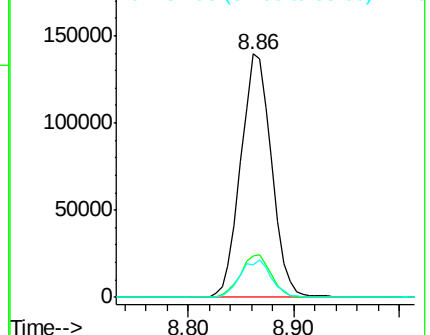
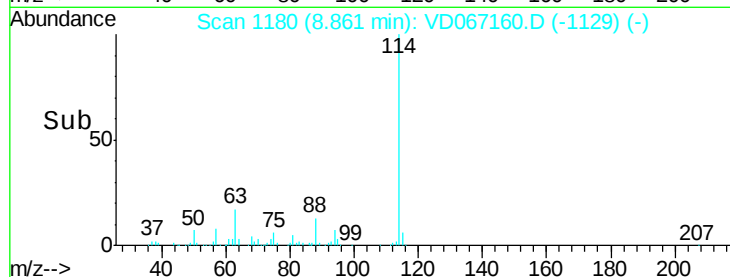
88 13.2 0.0 31.2



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: 59.997 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067160.D

Acq: 07 Oct 2020 18:46

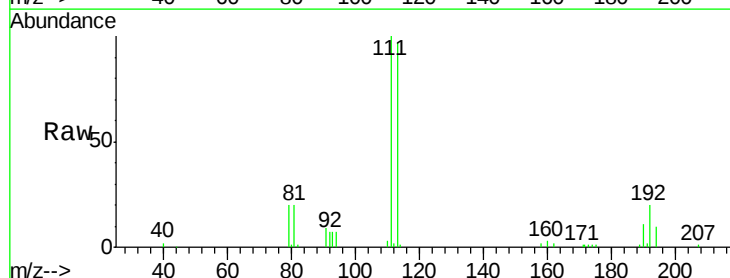
Tgt Ion:113 Resp: 111406

Ion Ratio Lower Upper

113 100

111 103.8 83.0 124.4

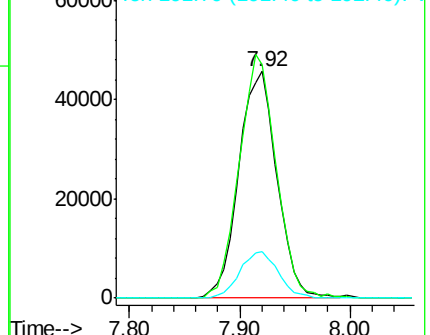
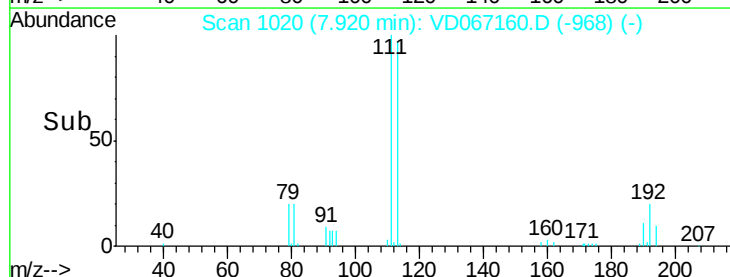
192 20.7 15.5 23.3

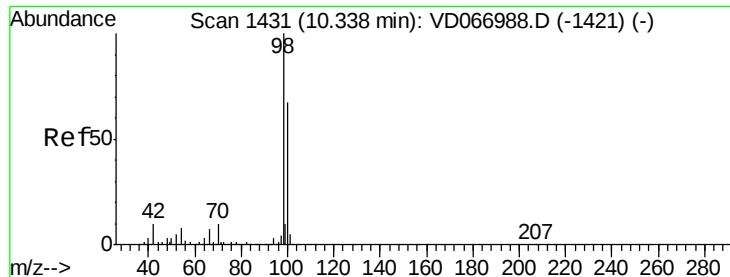


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

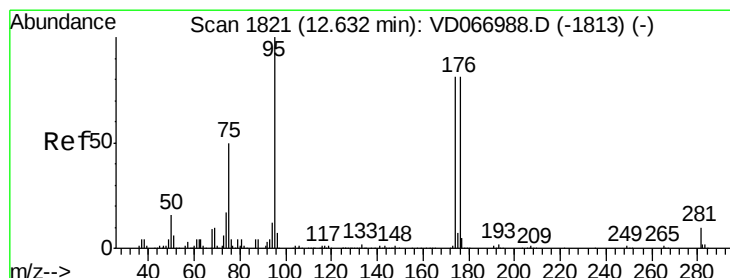
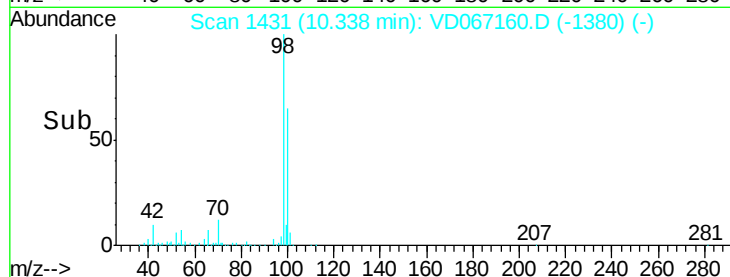
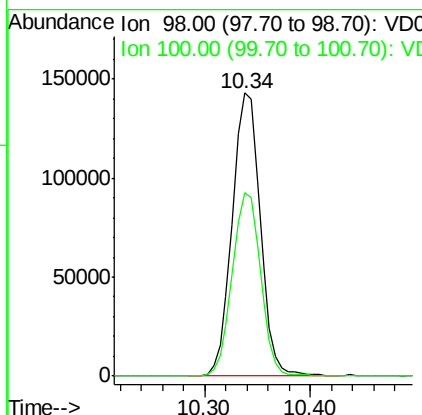
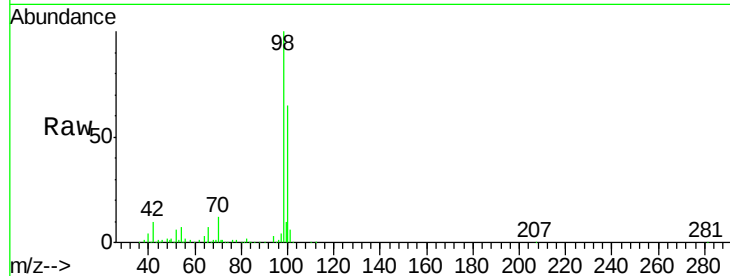




#50
Toluene-d8
Concen: 38.851 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067160.D
Acq: 07 Oct 2020 18:46

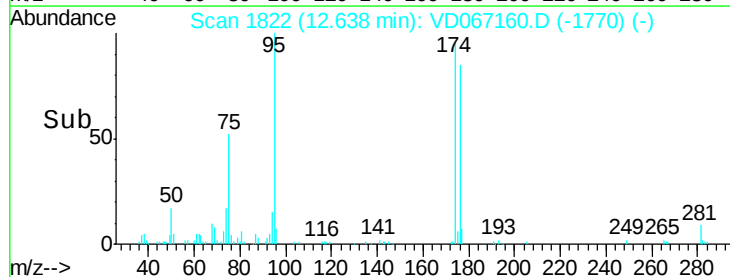
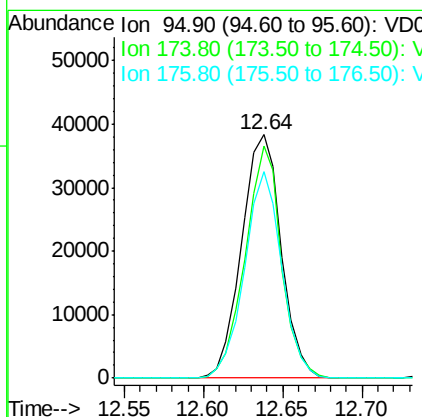
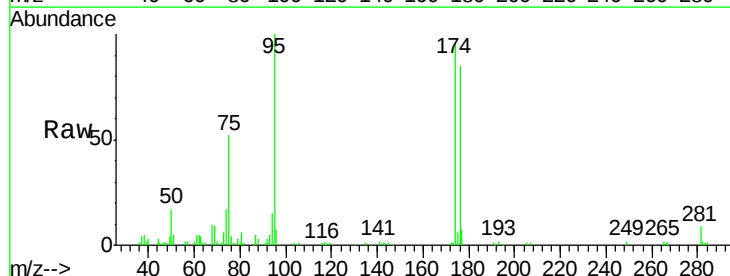
Instrument :
MSVOA_D
ClientSampleId :
68-89

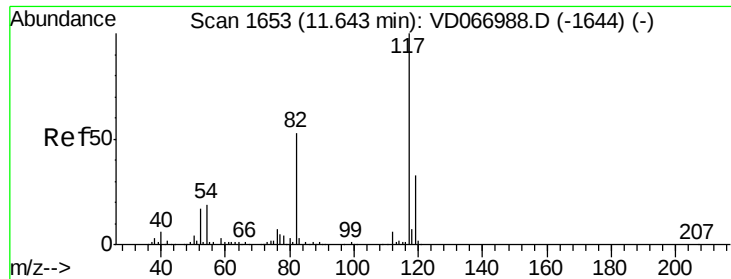
Tot Ion: 98 Resp: 262873
Ion Ratio Lower Upper
98 100
100 65.4 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 28.777 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067160.D
Acq: 07 Oct 2020 18:46

Tgt Ion: 95 Resp: 66100
Ion Ratio Lower Upper
95 100
174 87.4 0.0 167.6
176 80.3 0.0 162.4

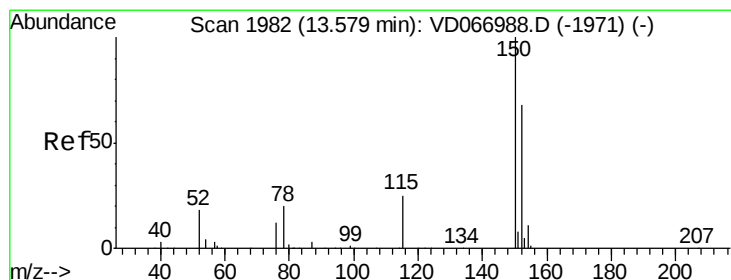
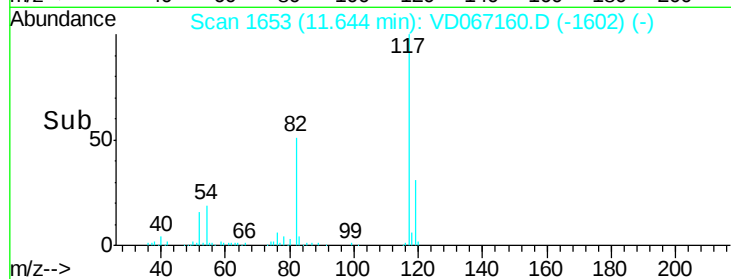
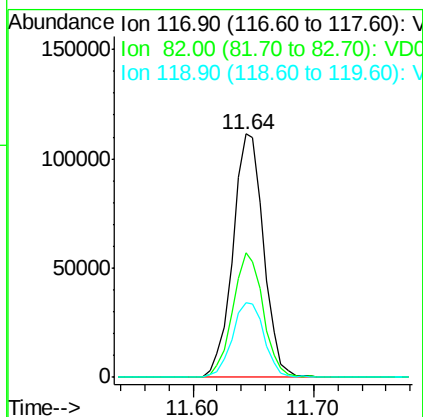
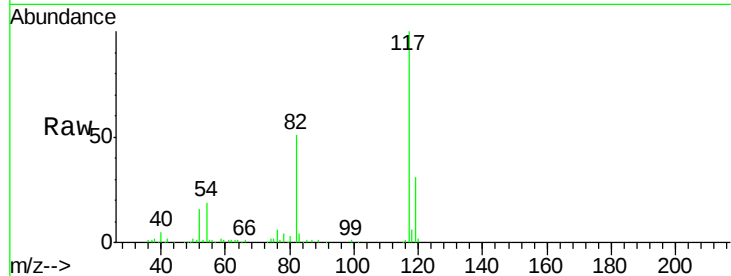




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067160.D
Acq: 07 Oct 2020 18:46

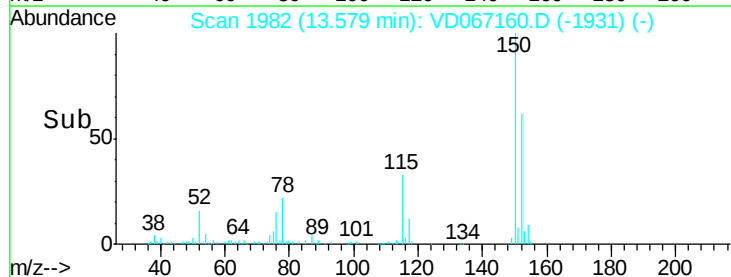
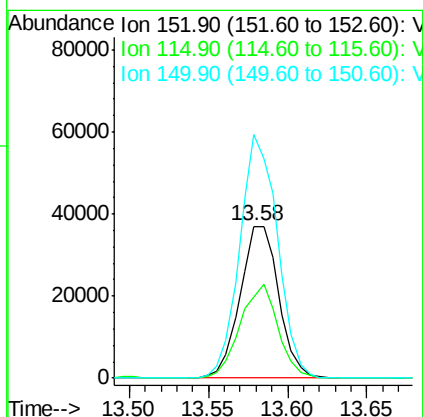
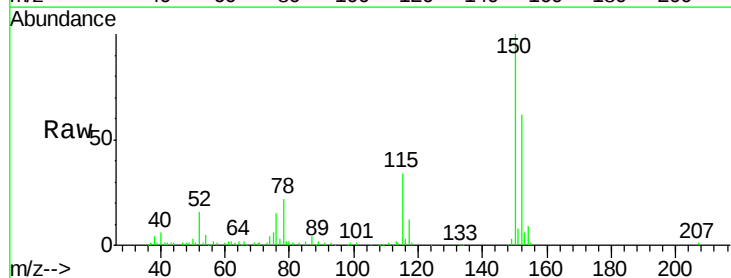
Instrument :
MSVOA_D
ClientSampleId :
68-89

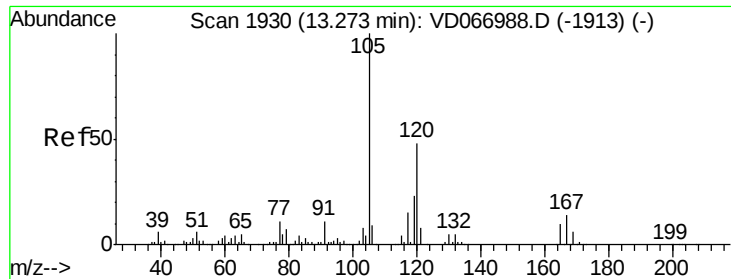
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.2	42.6	63.8
119	30.9	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067160.D
Acq: 07 Oct 2020 18:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.2	29.6	88.8
150	155.8	0.0	344.8

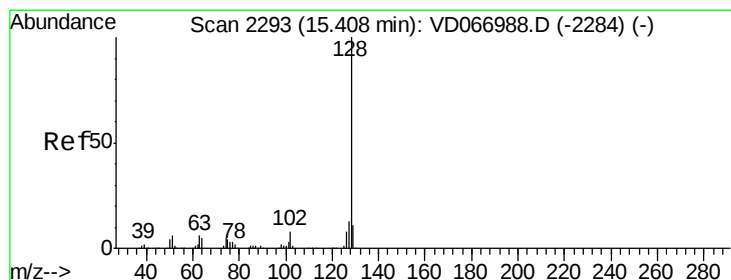
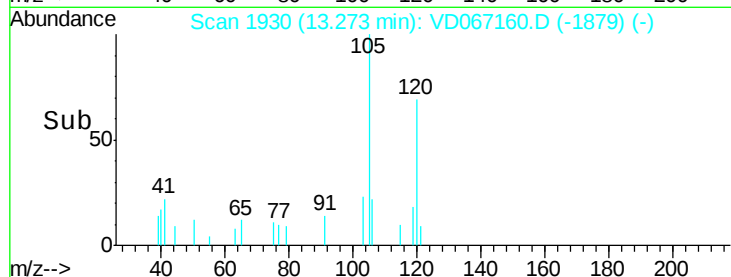
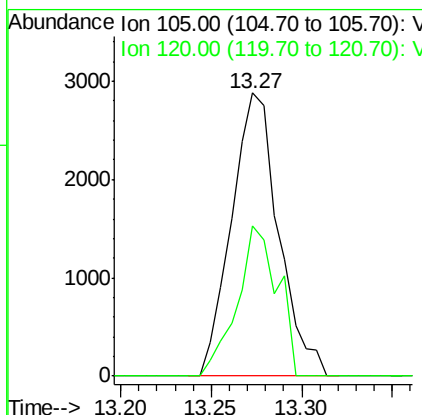
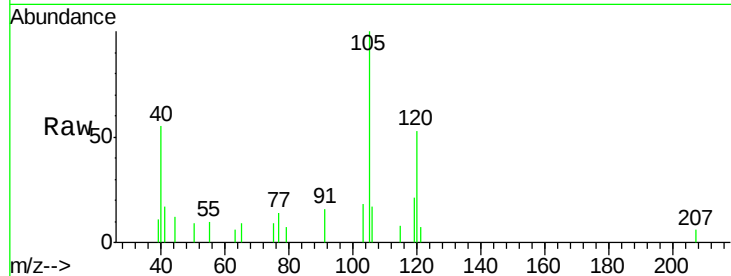




#84
 1,2,4-Trimethylbenzene
 Concen: 1.443 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067160.D
 Acq: 07 Oct 2020 18:46

Instrument :
 MSVOA_D
 ClientSampleId :
 68-89

Tot Ion:105 Resp: 5203
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.3 69.8



#95
 Naphthalene
 Concen: 3.946 ug/l
 RT: 15.41 min Scan# 2294
 Delta R.T. 0.01 min
 Lab File: VD067160.D
 Acq: 07 Oct 2020 18:46

Tgt Ion:128 Resp: 7475
 Ion Ratio Lower Upper
 128 100
 127 18.3 10.3 15.5#
 129 13.8 8.6 13.0#

