

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061920\
 Data File : VD065833.D
 Acq On : 19 Jun 2020 17:20
 Operator : VA/SY
 Sample : L3024-13RE
 Misc : 6.21G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-1RE

Quant Time: Jun 20 02:37:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

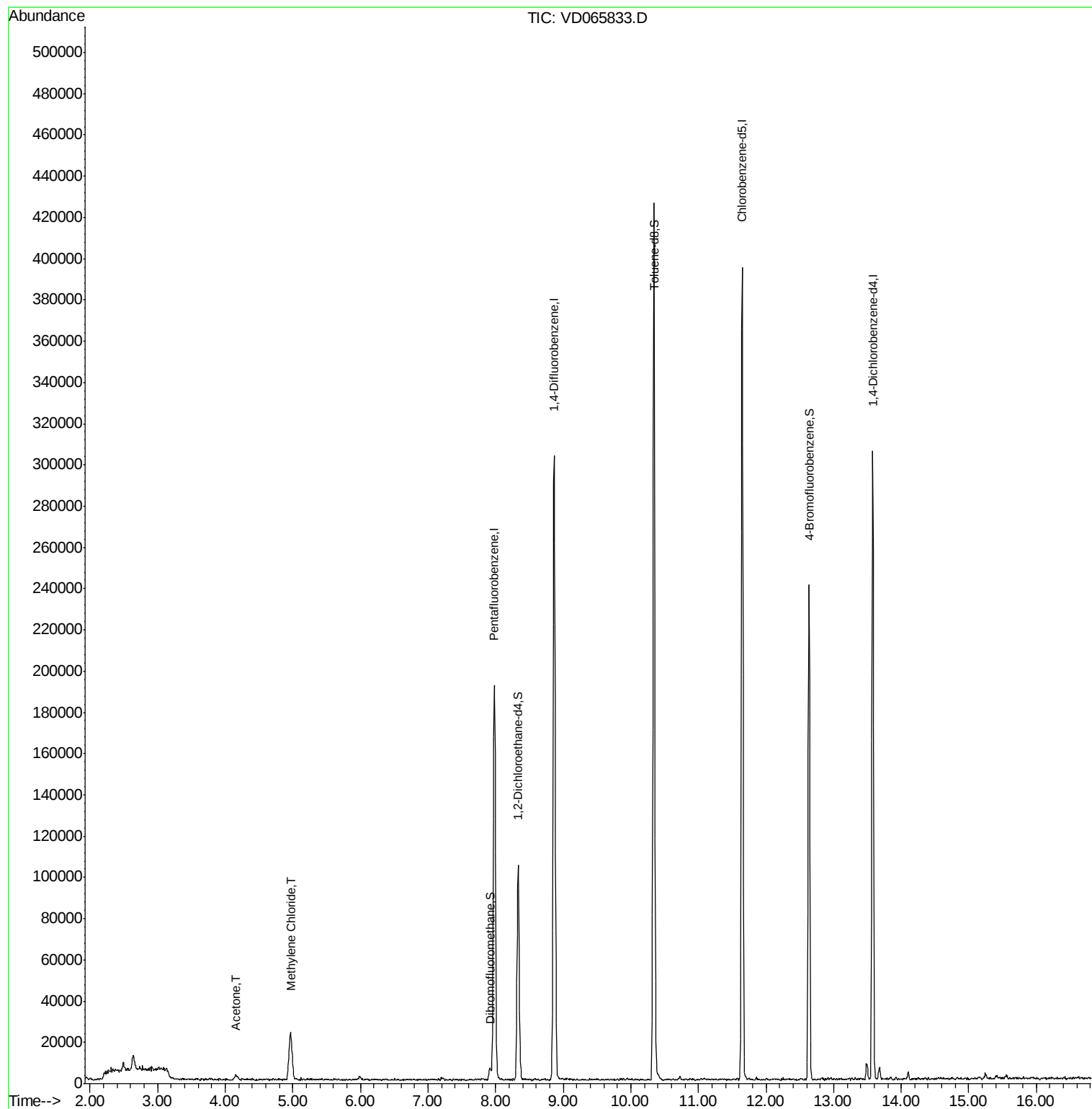
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	140344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	249465	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	207870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	74704	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	83142	59.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.90%	
35) Dibromofluoromethane	7.93	113	4324	2.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	5.48%	
50) Toluene-d8	10.34	98	282506	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.16%	
62) 4-Bromofluorobenzene	12.64	95	72211	36.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.48%	
Target Compounds						
16) Acetone	4.16	43	4583	17.520	ug/l	97
20) Methylene Chloride	4.97	84	17615	9.034	ug/l	94

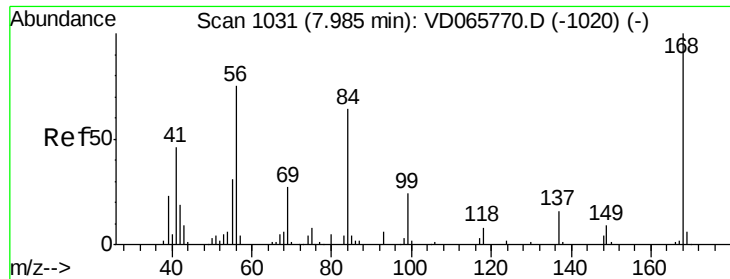
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065833.D

Acq: 19 Jun 2020 17:20

Instrument :

MSVOA_D

ClientSampleId :

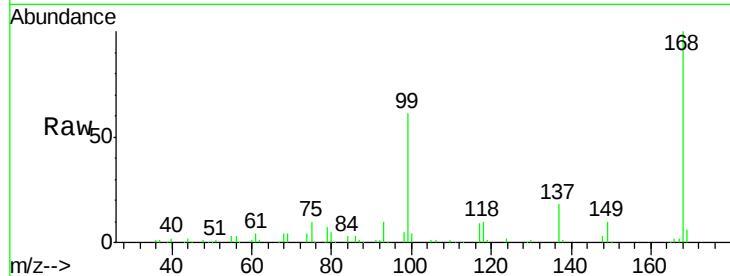
RO-1RE

Tot Ion:168 Resp: 140344

Ion Ratio Lower Upper

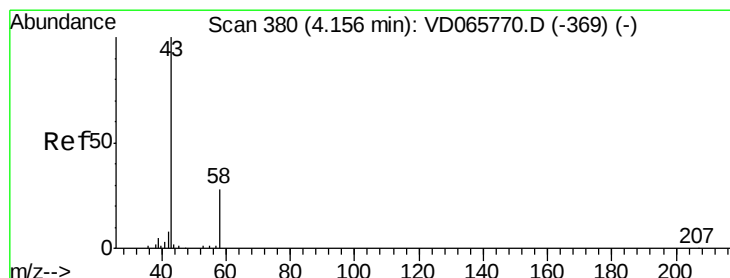
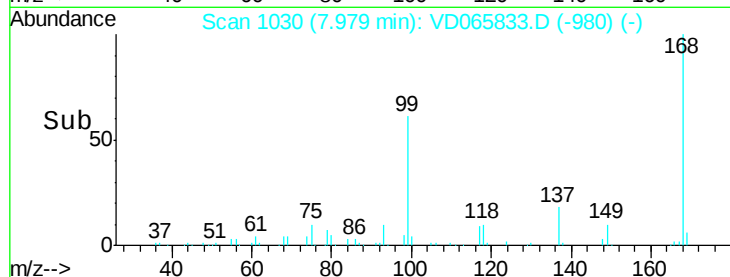
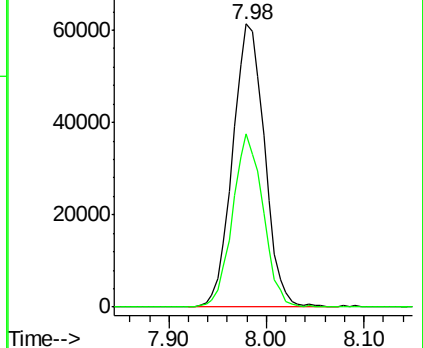
168 100

99 61.3 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 17.520 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD065833.D

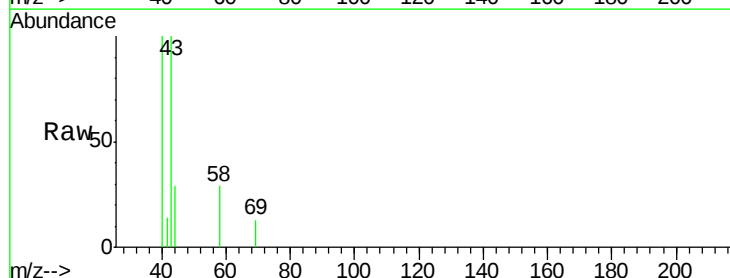
Acq: 19 Jun 2020 17:20

Tgt Ion: 43 Resp: 4583

Ion Ratio Lower Upper

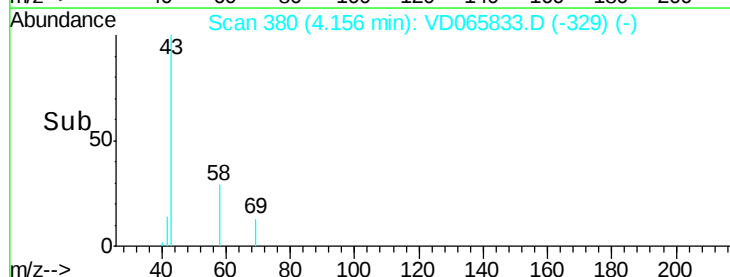
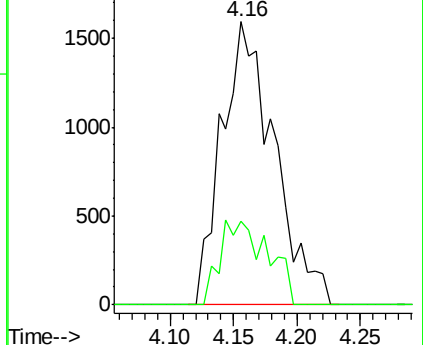
43 100

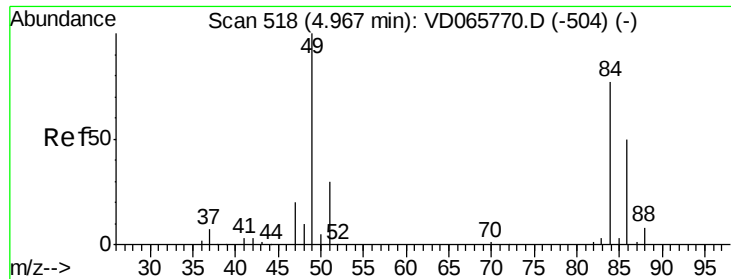
58 29.4 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

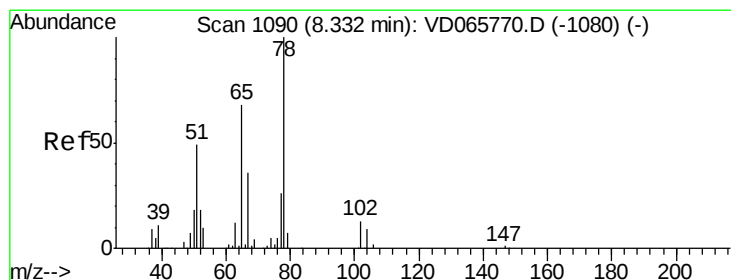
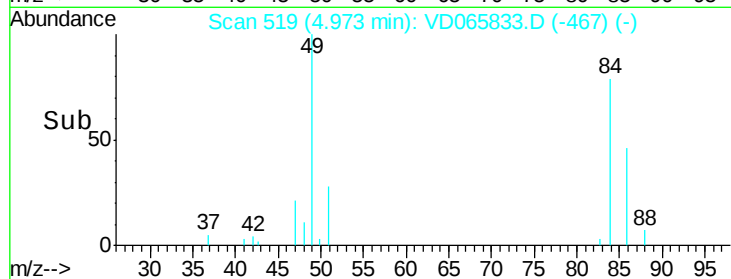
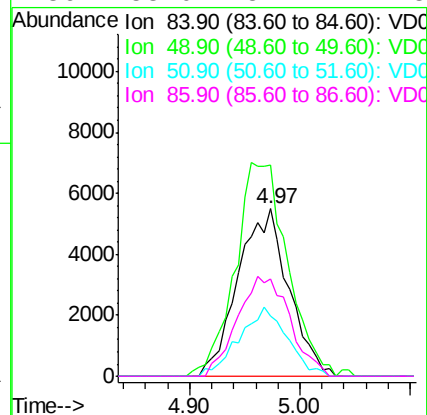
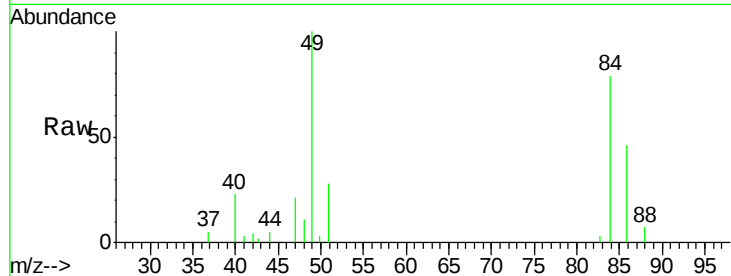




#20
Methvlene Chloride
Concen: 9.034 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD065833.D
Acq: 19 Jun 2020 17:20

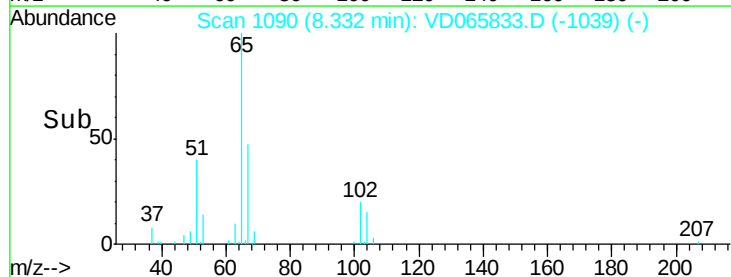
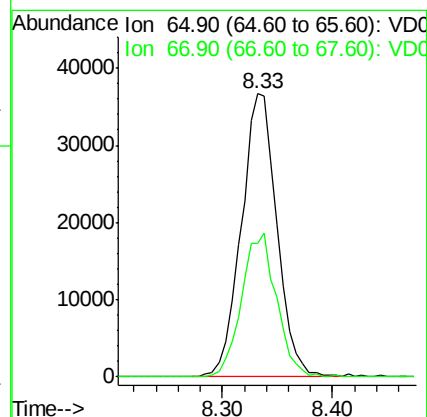
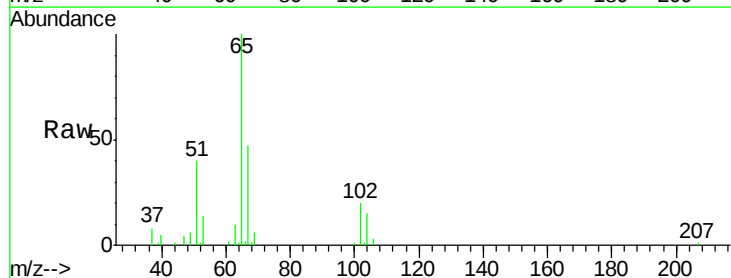
Instrument :
MSVOA_D
ClientSampleId :
RO-1RE

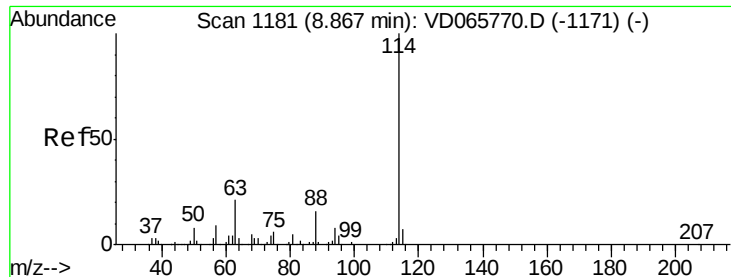
Tot Ion: 84 Resp: 17615
Ion Ratio Lower Upper
84 100
49 123.3 103.4 155.0
51 35.7 31.4 47.2
86 58.0 51.7 77.5



#33
1,2-Dichloroethane-d4
Concen: 59.953 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD065833.D
Acq: 19 Jun 2020 17:20

Tgt Ion: 65 Resp: 83142
Ion Ratio Lower Upper
65 100
67 49.7 0.0 103.6

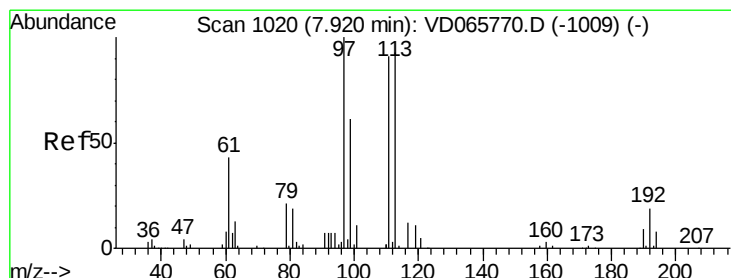
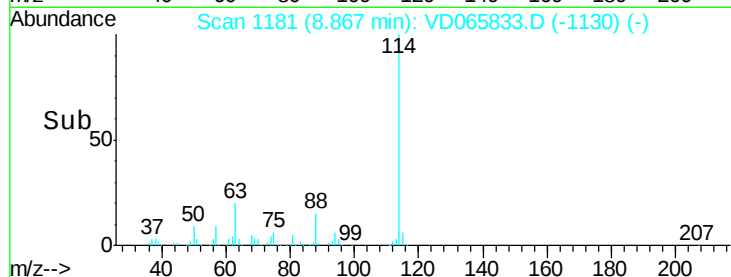
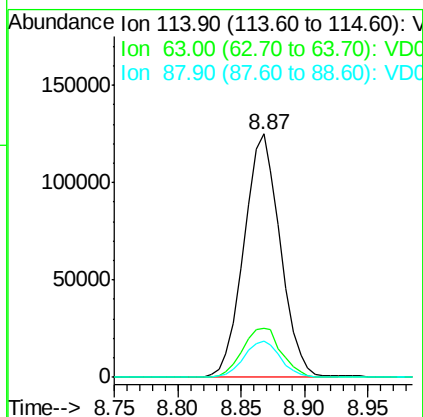
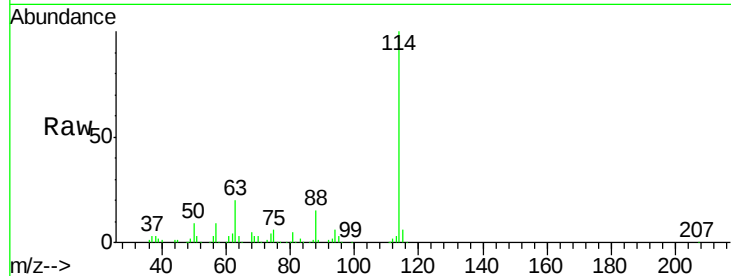




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065833.D
 Acq: 19 Jun 2020 17:20

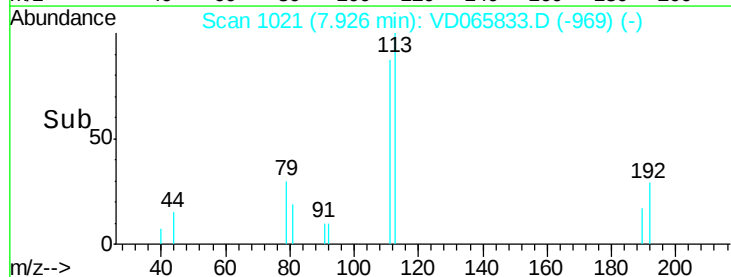
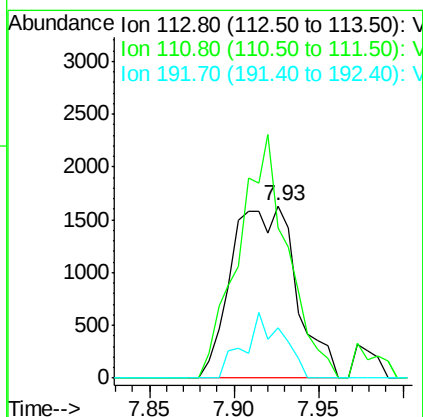
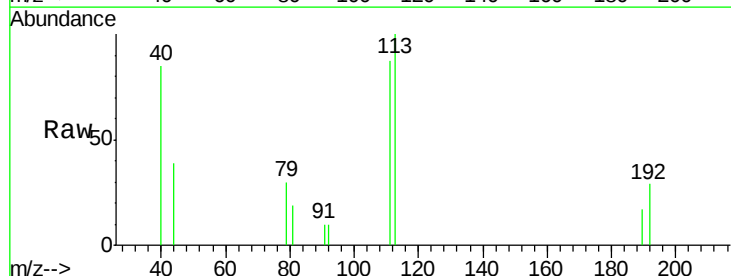
Instrument :
 MSVOA_D
 ClientSampleId :
 RO-1RE

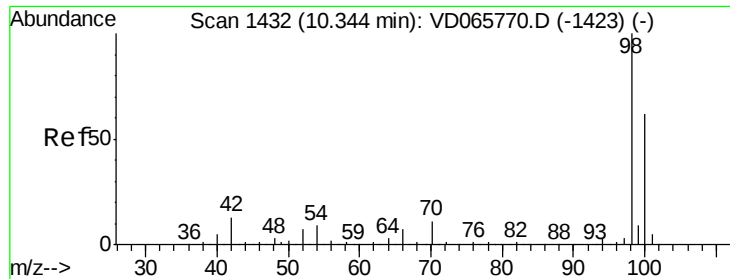
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	41.8
88	15.1	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 2.744 ug/l
 RT: 7.93 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: VD065833.D
 Acq: 19 Jun 2020 17:20

Tgt Ion	Ratio	Lower	Upper
113	100		
111	108.2	83.4	125.0
192	22.6	15.7	23.5

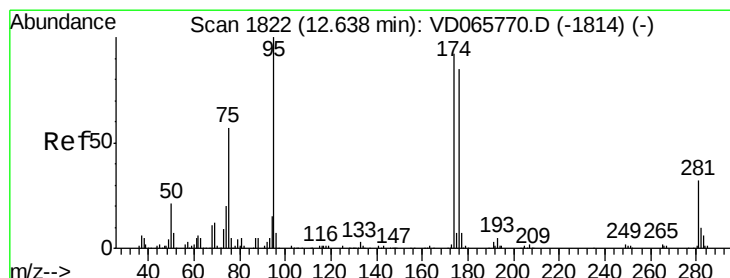
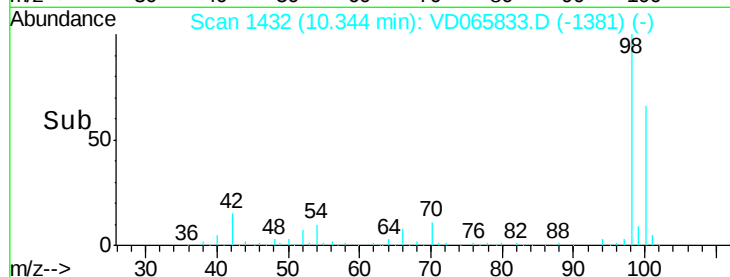
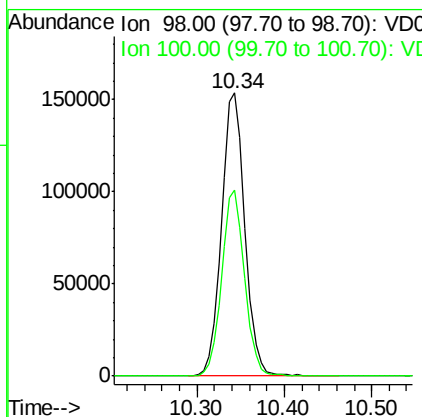
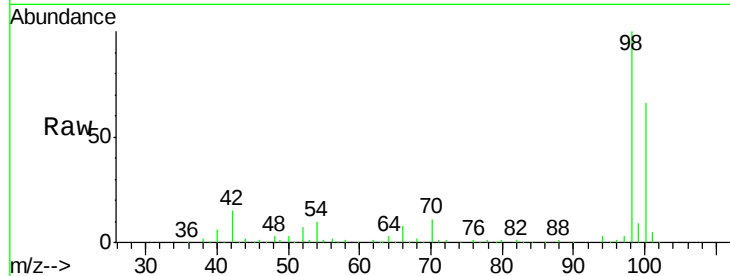




#50
Toluene-d8
Concen: 48.079 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065833.D
Acq: 19 Jun 2020 17:20

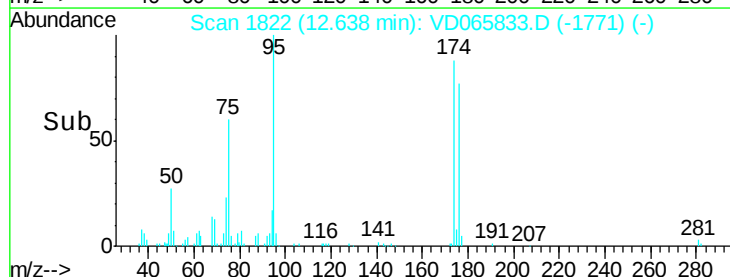
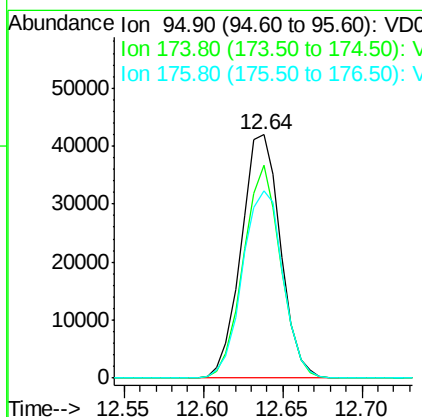
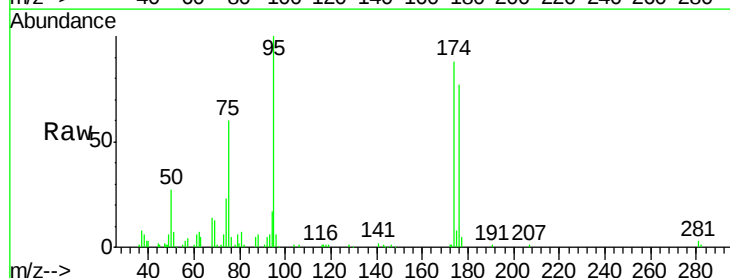
Instrument :
MSVOA_D
ClientSampleId :
RO-1RE

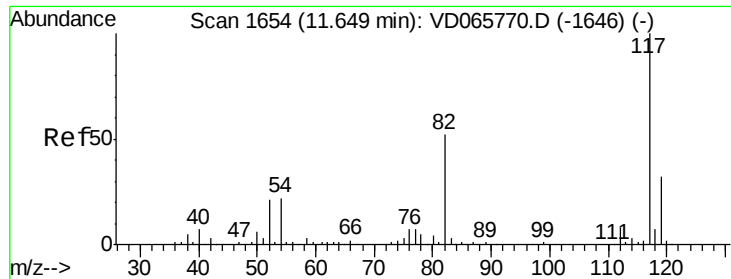
Tot Ion: 98 Resp: 282506
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 36.238 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065833.D
Acq: 19 Jun 2020 17:20

Tgt Ion: 95 Resp: 72211
Ion Ratio Lower Upper
95 100
174 83.1 0.0 175.2
176 79.1 0.0 163.0

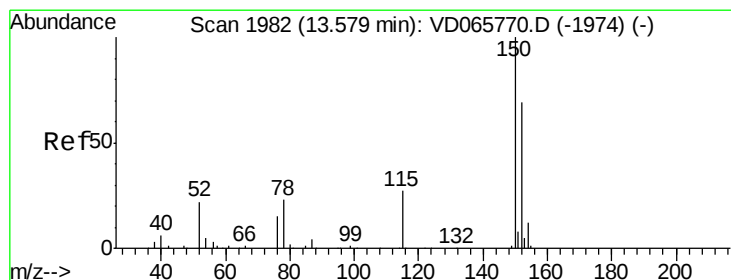
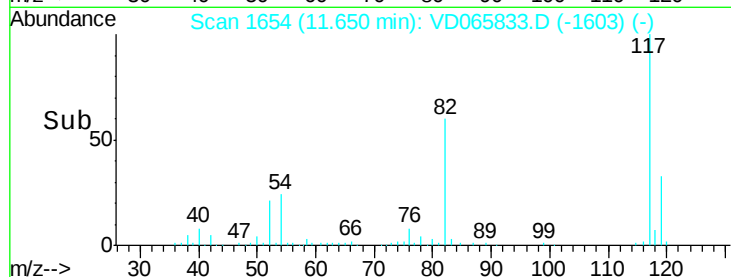
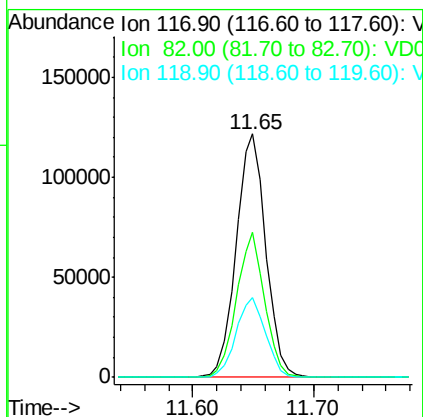
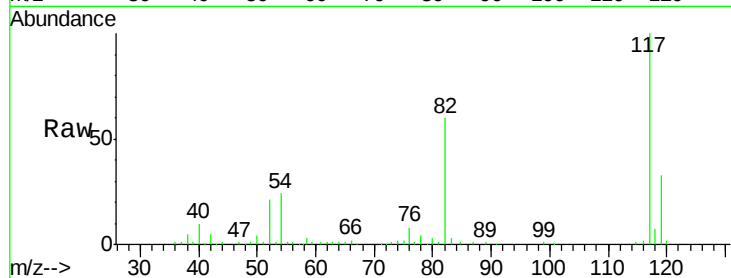




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065833.D
Acq: 19 Jun 2020 17:20

Instrument :
MSVOA_D
ClientSampleId :
RO-1RE

Tot Ion:117 Resp: 207870
Ion Ratio Lower Upper
117 100
82 59.7 41.9 62.9
119 32.8 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD065833.D
Acq: 19 Jun 2020 17:20

Tgt Ion:152 Resp: 74704
Ion Ratio Lower Upper
152 100
115 59.0 28.7 86.1
150 158.6 0.0 348.0

