

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061820\
 Data File : VD065815.D
 Acq On : 18 Jun 2020 18:22
 Operator : VA/SY
 Sample : L3024-13
 Misc : 5.88G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-1

Quant Time: Jun 19 01:43:15 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

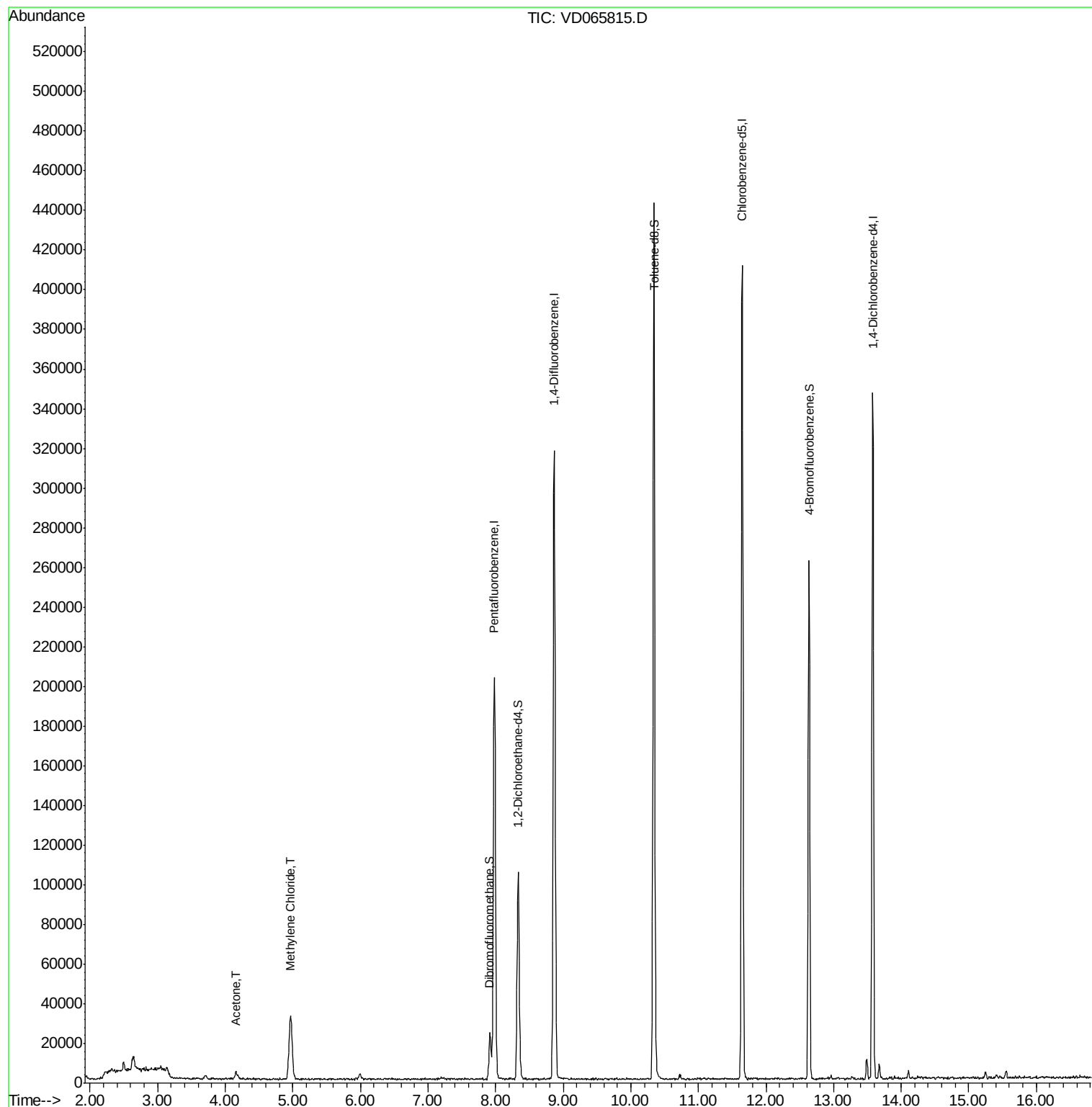
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	148336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	258415	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	220541	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	84405	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	85120	58.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.14%	
35) Dibromofluoromethane	7.91	113	16326	10.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	20.00%	
50) Toluene-d8	10.34	98	287325	47.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.42%	
62) 4-Bromofluorobenzene	12.64	95	78675	38.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.22%	
Target Compounds						
16) Acetone	4.16	43	6450	23.328	ug/l	92
20) Methylene Chloride	4.97	84	23603	12.761	ug/l	93

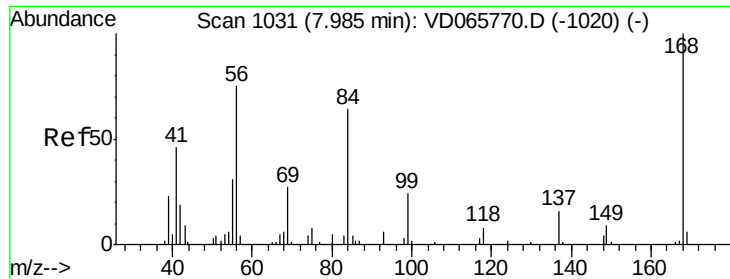
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065815.D

Acq: 18 Jun 2020 18:22

Instrument :

MSVOA_D

ClientSampled :

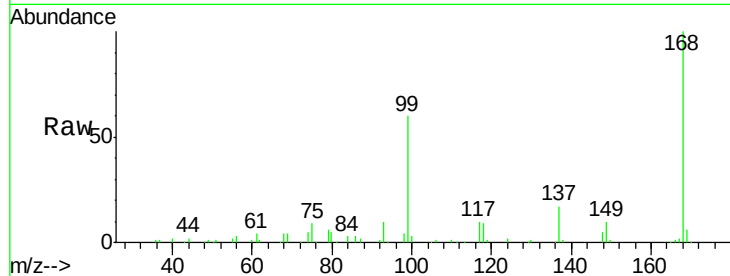
RO-1

Tot Ion:168 Resp: 148336

Ion Ratio Lower Upper

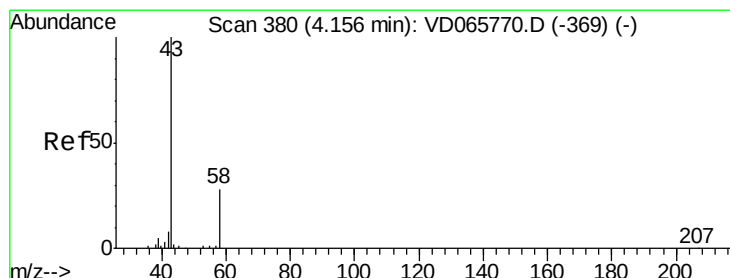
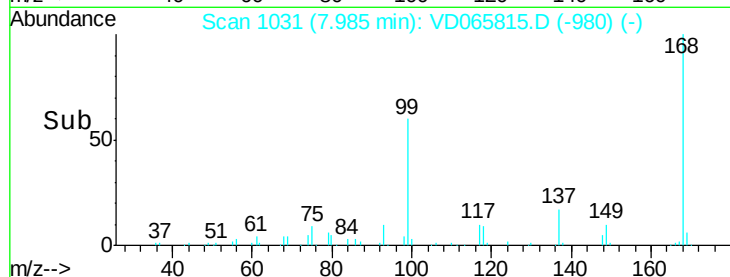
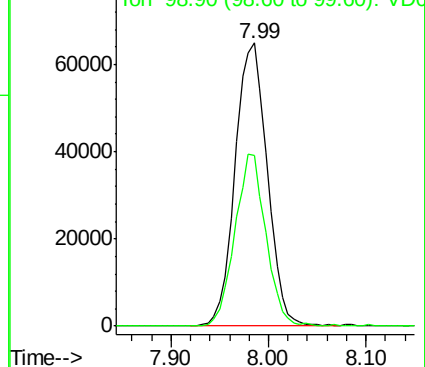
168 100

99 60.1 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: 23.328 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD065815.D

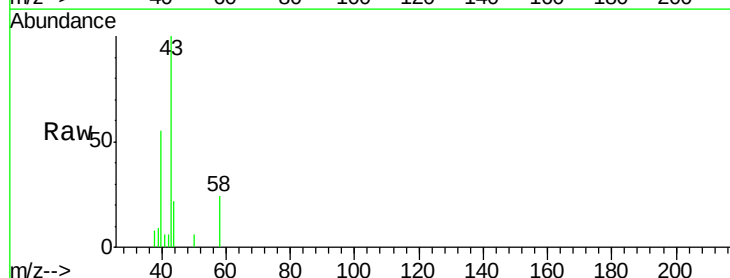
Acq: 18 Jun 2020 18:22

Tgt Ion: 43 Resp: 6450

Ion Ratio Lower Upper

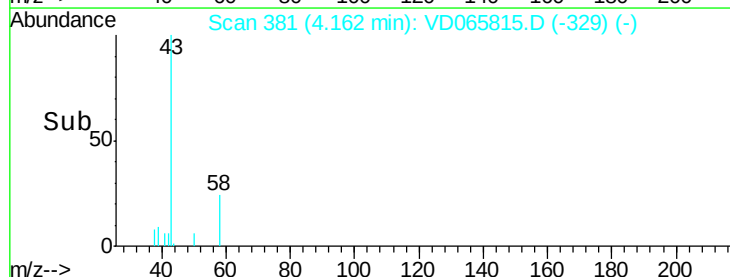
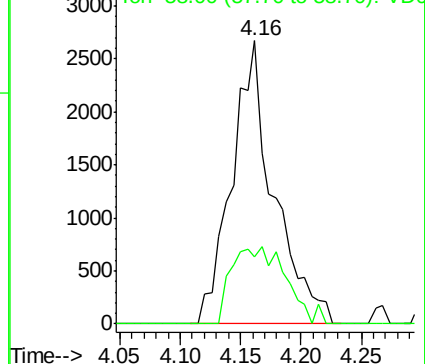
43 100

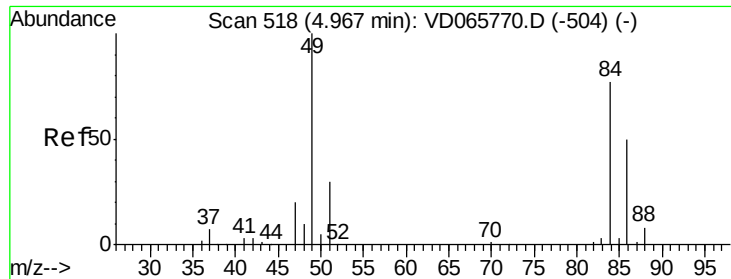
58 23.7 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

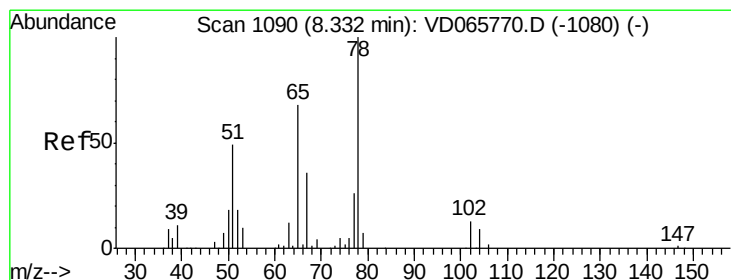
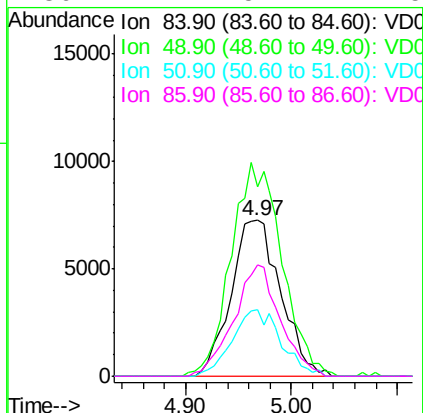
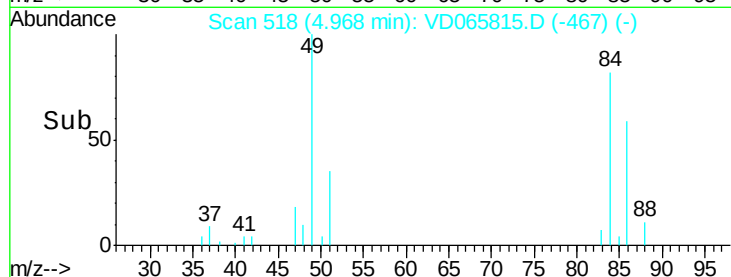
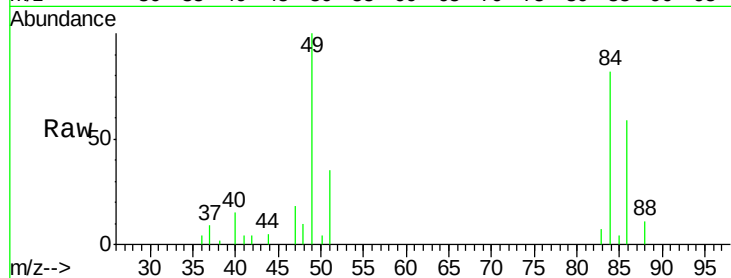




#20
Methvlene Chloride
Concen: 12.761 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065815.D
Acq: 18 Jun 2020 18:22

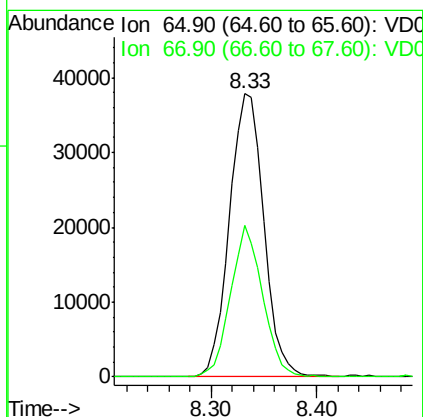
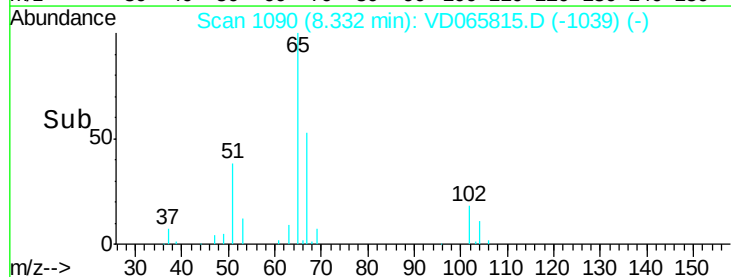
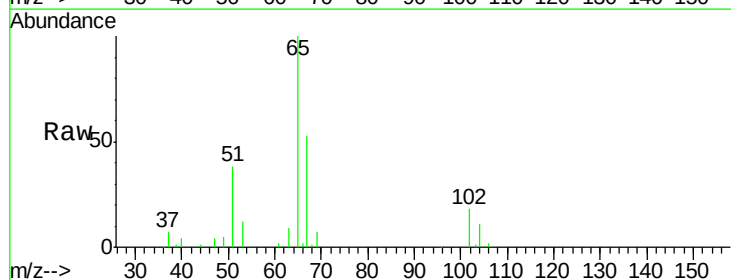
Instrument :
MSVOA_D
ClientSampleId :
RO-1

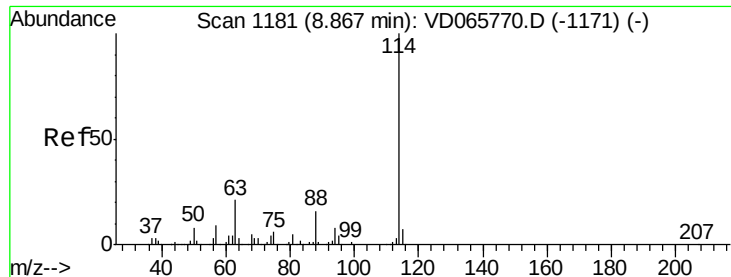
Tot Ion: 84 Resp: 23603
Ion Ratio Lower Upper
84 100
49 121.3 103.4 155.0
51 42.7 31.4 47.2
86 71.4 51.7 77.5



#33
1,2-Dichloroethane-d4
Concen: 58.072 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD065815.D
Acq: 18 Jun 2020 18:22

Tgt Ion: 65 Resp: 85120
Ion Ratio Lower Upper
65 100
67 50.0 0.0 103.6

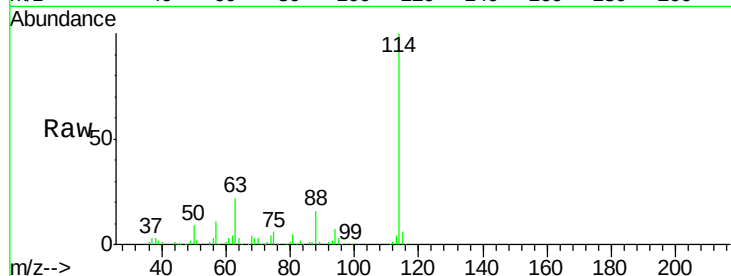




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065815.D
 Acq: 18 Jun 2020 18:22

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-1

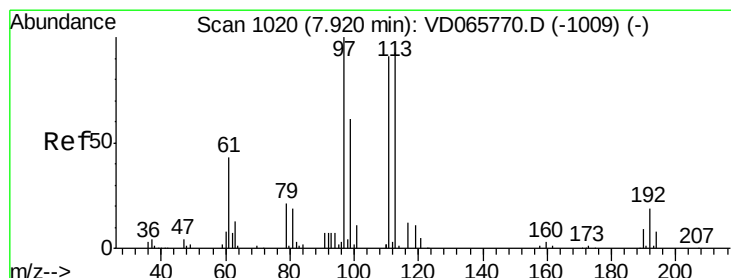
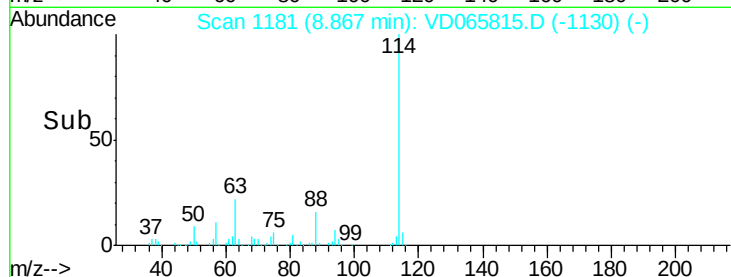
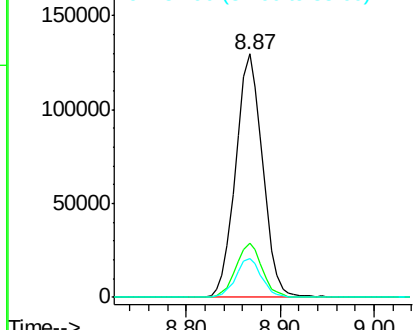
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	41.8
88	15.9	0.0	32.0



Abundance Ion 113.90 (113.60 to 114.60): V

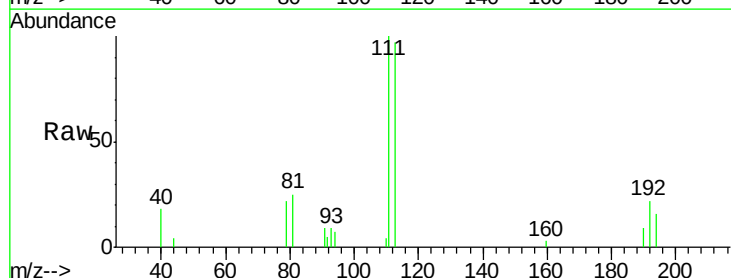
Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 10.002 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065815.D
 Acq: 18 Jun 2020 18:22

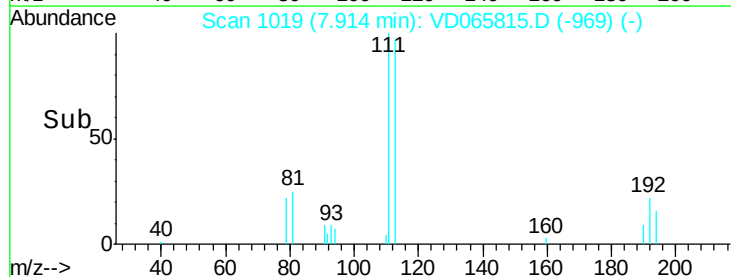
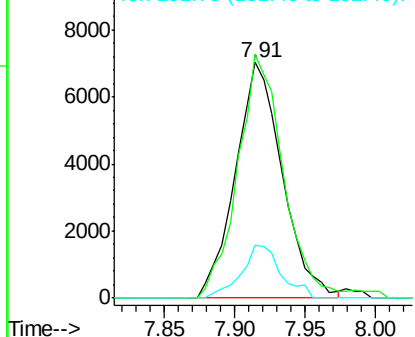
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.4	125.0
192	19.1	15.7	23.5

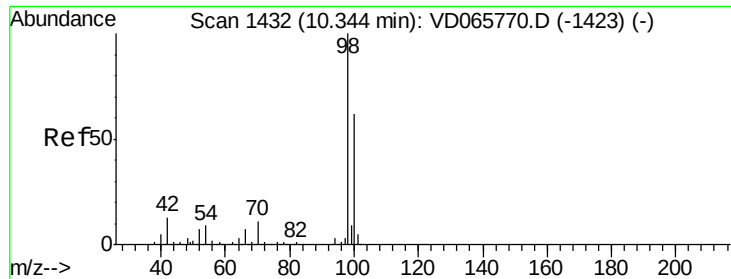


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.206 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065815.D

Acq: 18 Jun 2020 18:22

Instrument :

MSVOA_D

ClientSampleId :

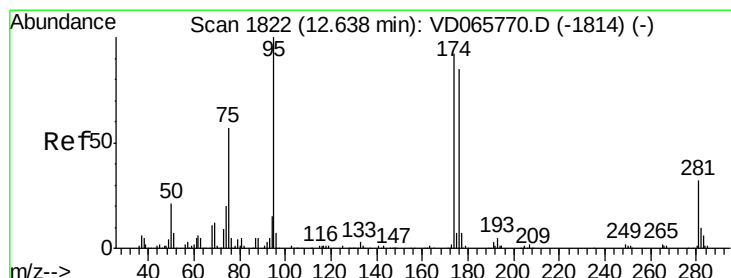
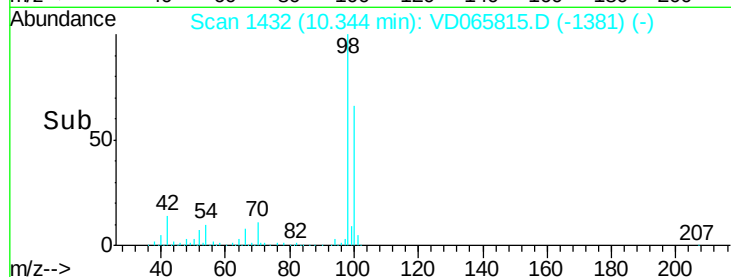
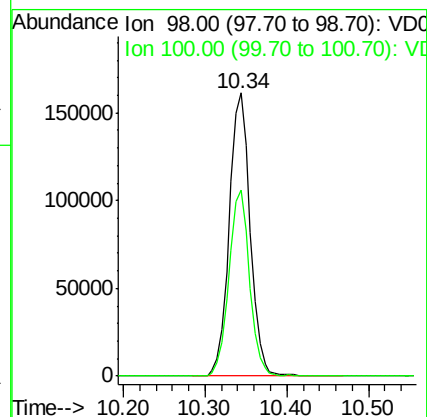
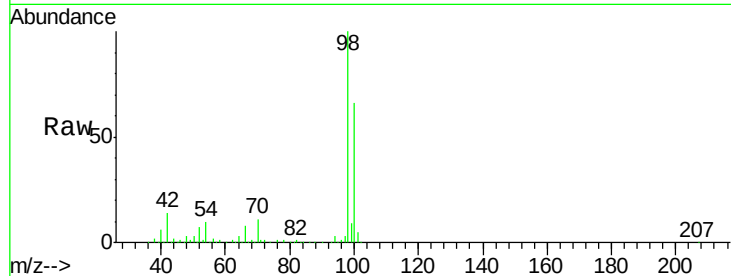
RO-1

Tot Ion: 98 Resp: 287325

Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 38.114 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065815.D

Acq: 18 Jun 2020 18:22

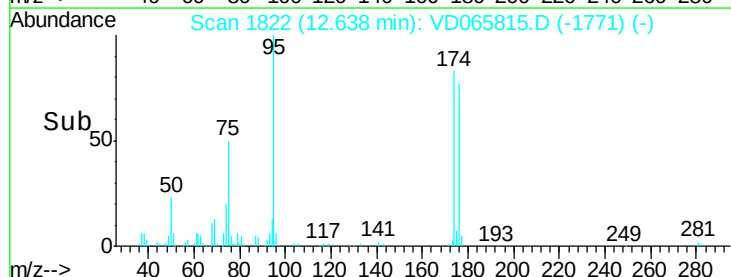
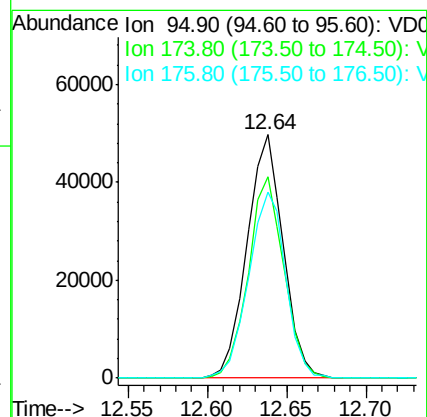
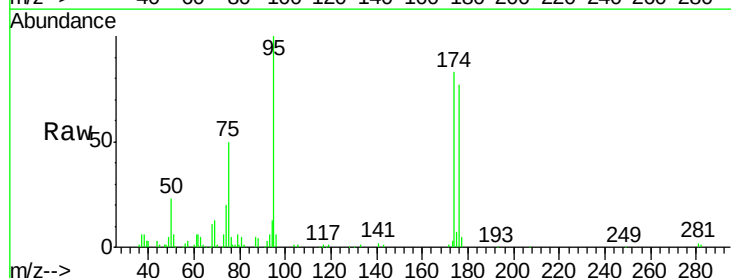
Tgt Ion: 95 Resp: 78675

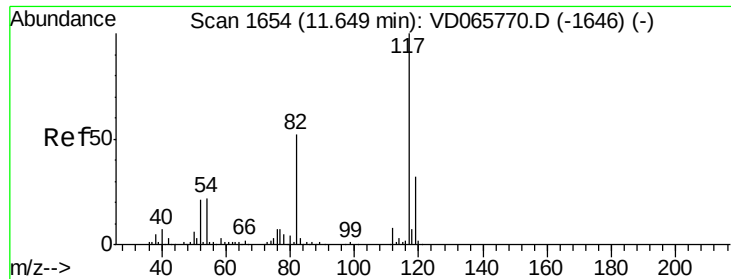
Ion Ratio Lower Upper

95 100

174 81.4 0.0 175.2

176 78.2 0.0 163.0

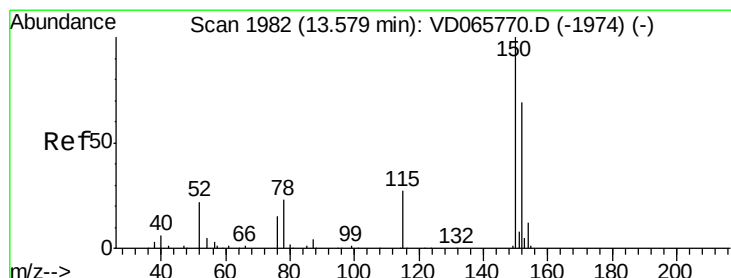
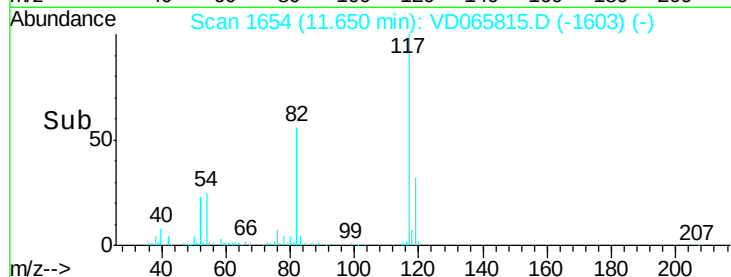
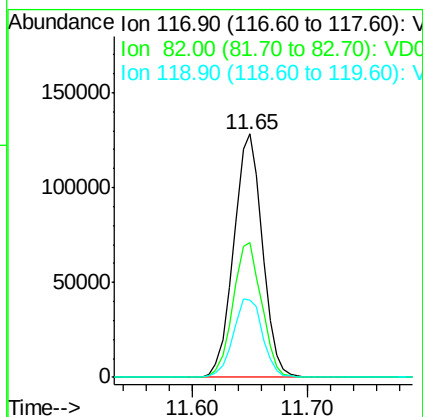
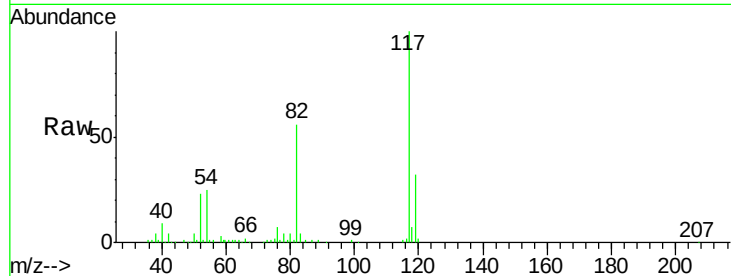




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065815.D
Acq: 18 Jun 2020 18:22

Instrument :
MSVOA_D
ClientSampleId :
RO-1

Tot Ion:117 Resp: 220541
Ion Ratio Lower Upper
117 100
82 55.5 41.9 62.9
119 31.9 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: VD065815.D
Acq: 18 Jun 2020 18:22

Tgt Ion:152 Resp: 84405
Ion Ratio Lower Upper
152 100
115 60.5 28.7 86.1
150 159.8 0.0 348.0

