

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021720\
 Data File : VD065199.D
 Acq On : 17 Feb 2020 16:24
 Operator : VA/SY
 Sample : L1545-01
 Misc : 5.05G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 43ST-B

Quant Time: Feb 18 04:02:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

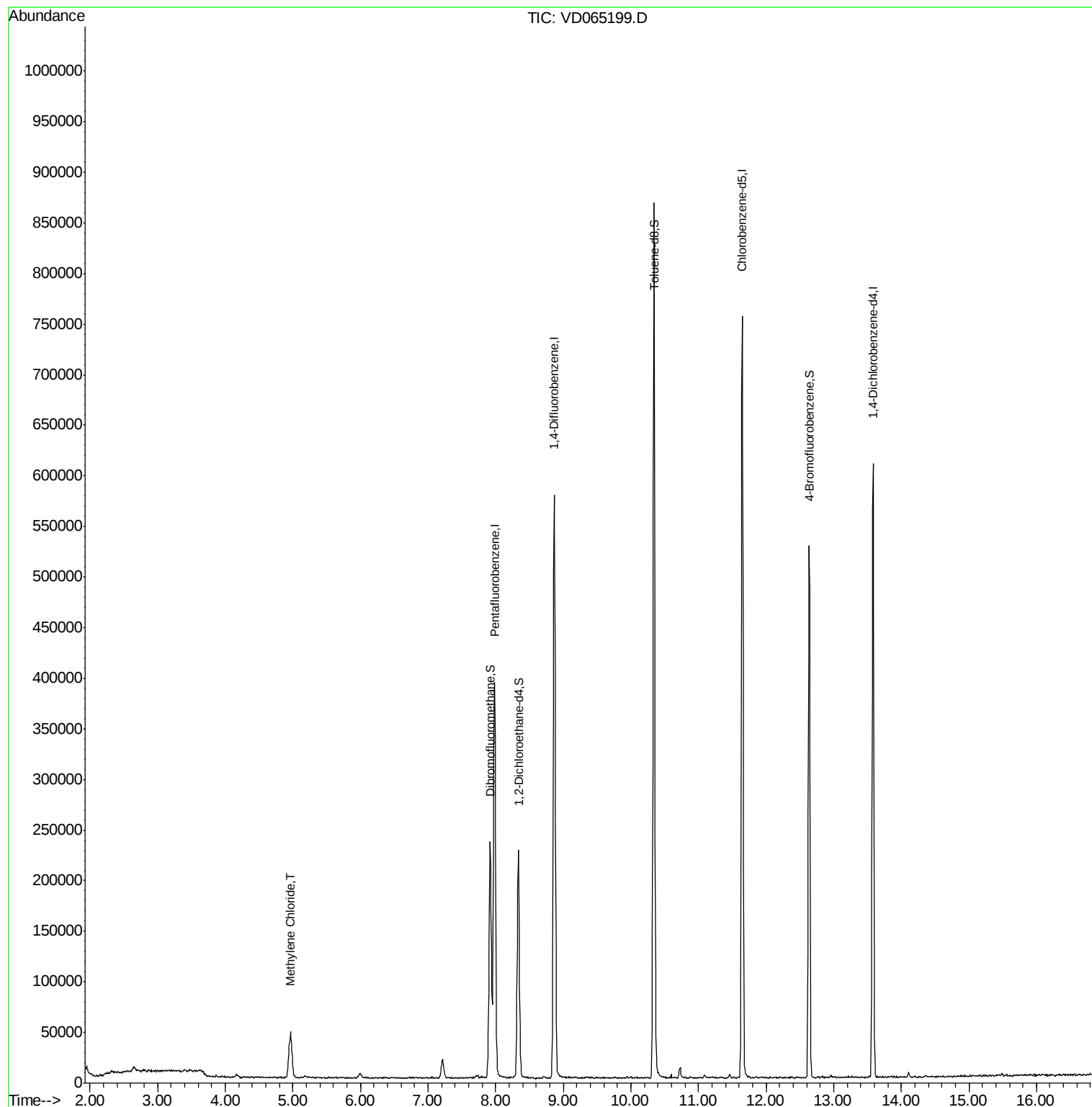
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	302433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	499938	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	441516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	169719	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	177928	69.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	138.44%	
35) Dibromofluoromethane	7.92	113	165195	59.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.44%	
50) Toluene-d8	10.34	98	585825	52.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.54%	
62) 4-Bromofluorobenzene	12.64	95	162204	46.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.22%	
Target Compounds						
20) Methylene Chloride	4.97	84	36733	9.814	ug/l	Qvalue 93

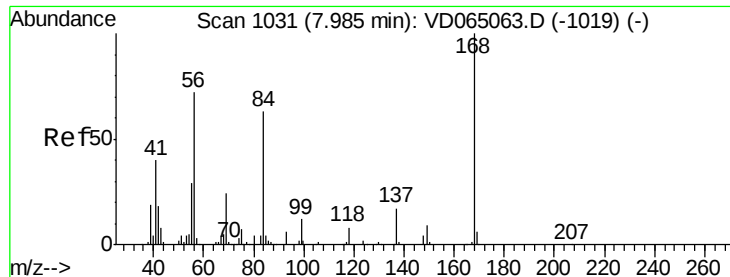
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065199.D

Acq: 17 Feb 2020 16:24

Instrument :

MSVOA_D

ClientSampleId :

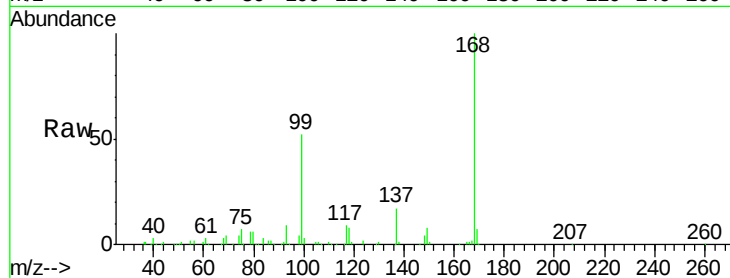
43ST-B

Tot Ion:168 Resp: 302433

Ion Ratio Lower Upper

168 100

99 52.4 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

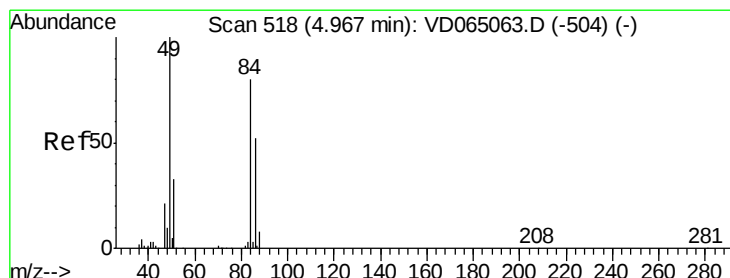
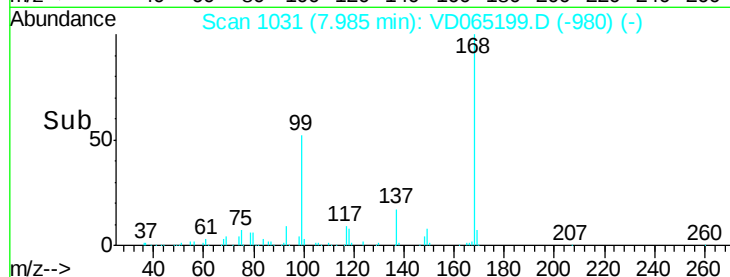
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 9.814 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.00 min

Lab File: VD065199.D

Acq: 17 Feb 2020 16:24

Tgt Ion: 84 Resp: 36733

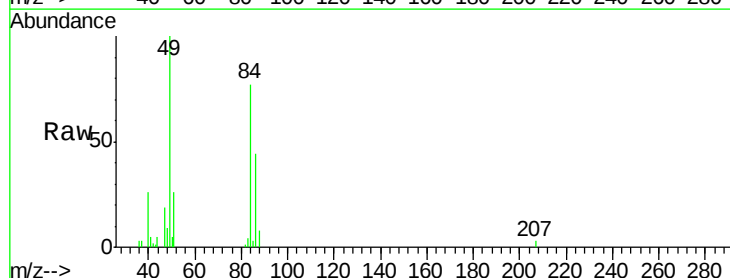
Ion Ratio Lower Upper

84 100

49 130.4 100.4 150.6

51 34.2 32.7 49.1

86 57.9 52.4 78.6



Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

20000

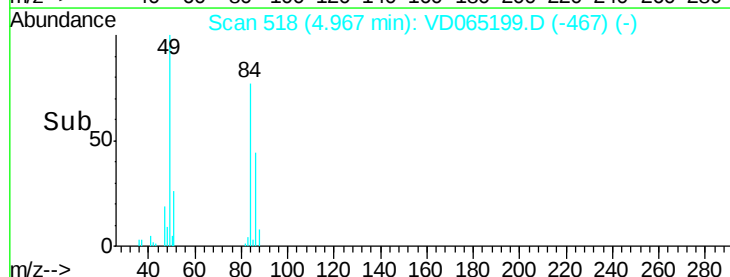
15000

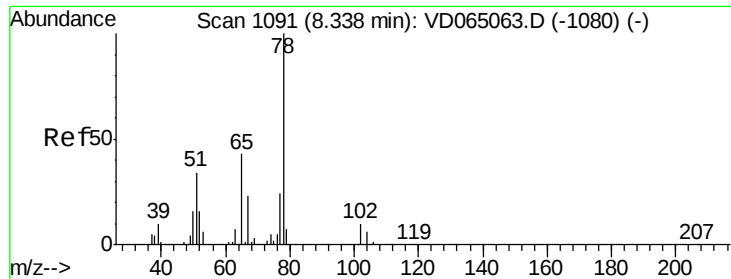
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5000

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Time-->

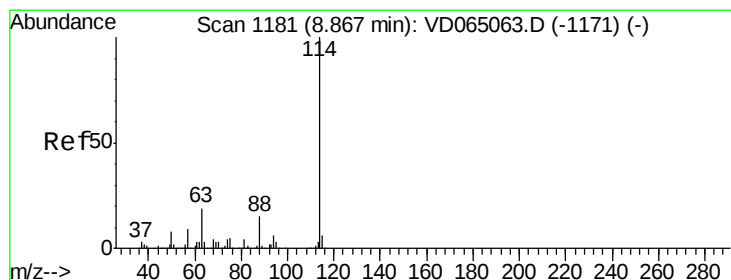
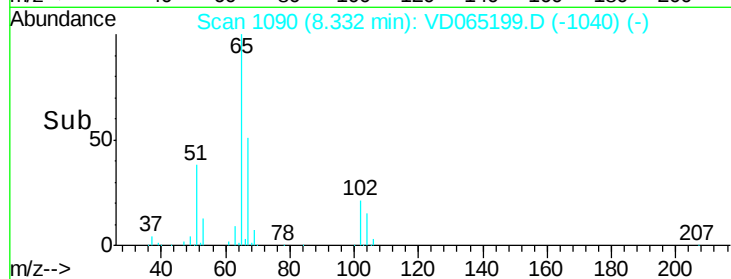
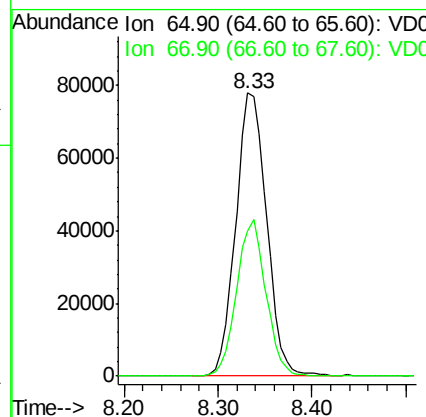
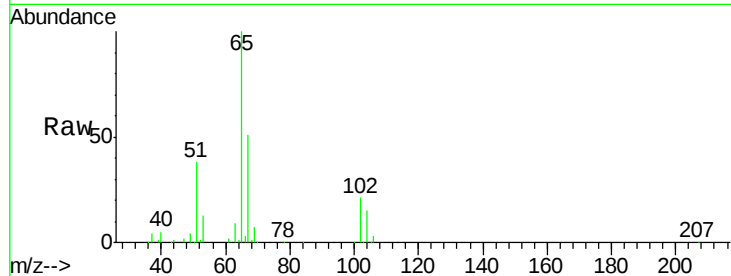




#33
 1,2-Dichloroethane-d4
 Concen: 69.221 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD065199.D
 Acq: 17 Feb 2020 16:24

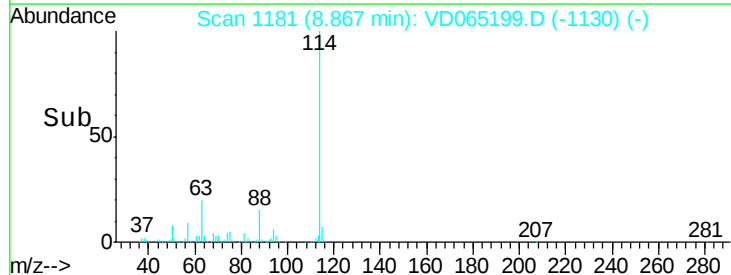
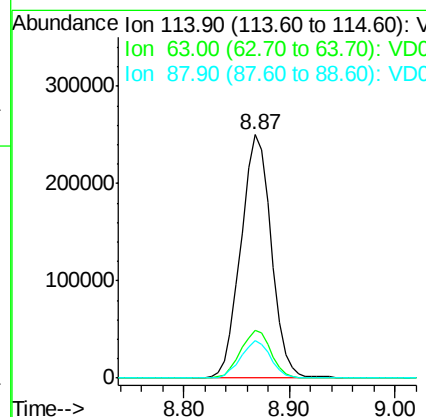
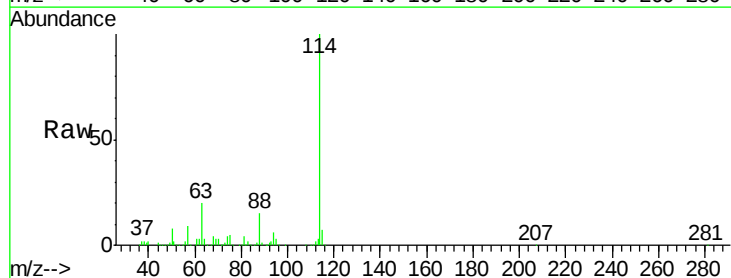
Instrument :
 MSVOA_D
 ClientSampleId :
 43ST-B

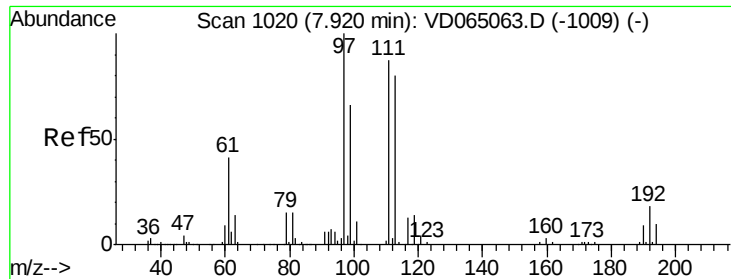
Tot Ion: 65 Resp: 177928
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065199.D
 Acq: 17 Feb 2020 16:24

Tgt Ion: 114 Resp: 499938
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.8
 88 15.2 0.0 29.6

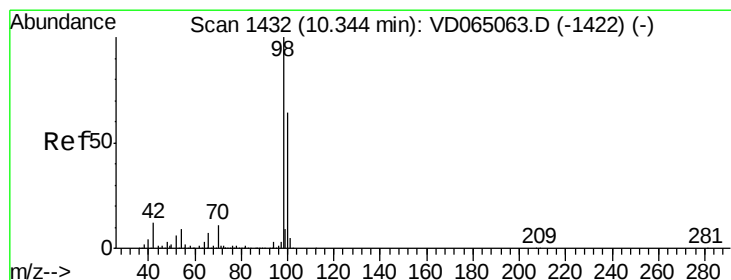
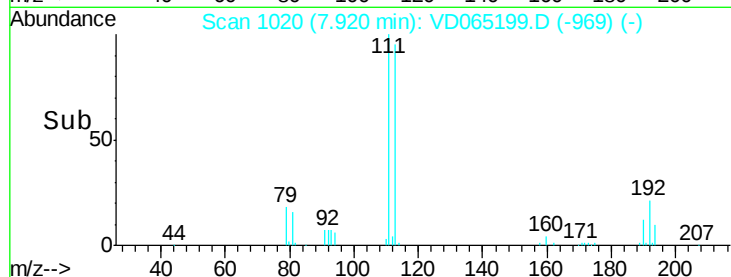
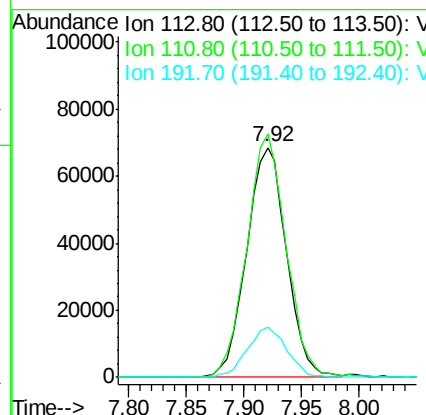
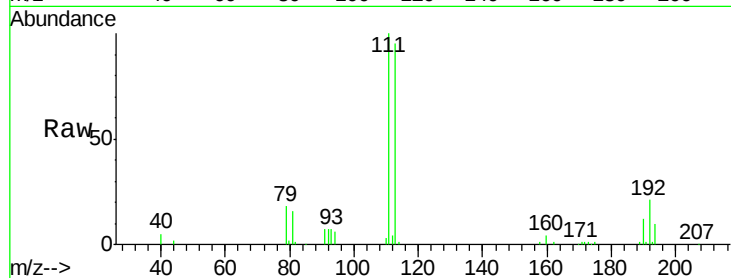




#35
 Dibromofluoromethane
 Concen: 59.224 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065199.D
 Acq: 17 Feb 2020 16:24

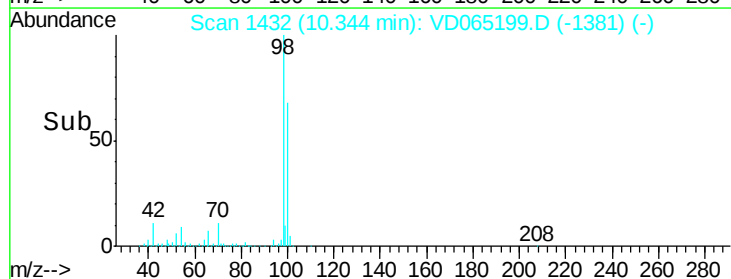
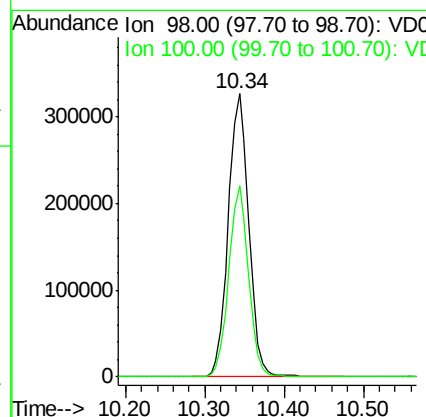
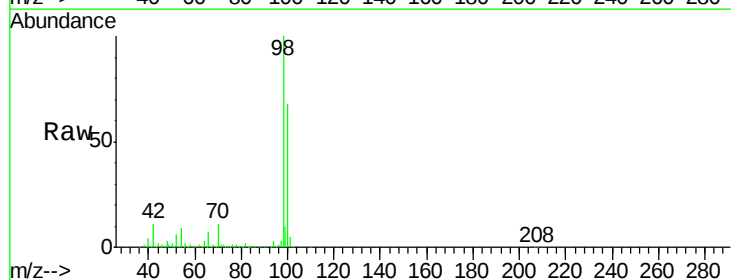
Instrument :
 MSVOA_D
 ClientSampleId :
 43ST-B

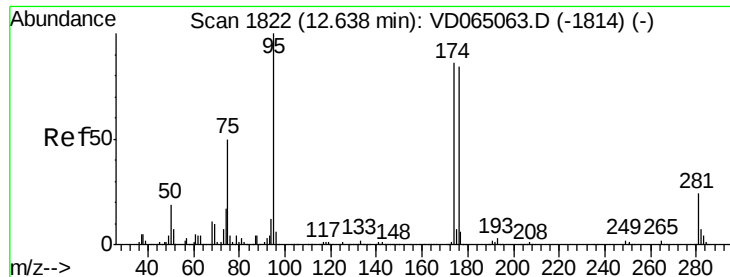
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.8	83.1	124.7
192	21.7	18.1	27.1



#50
 Toluene-d8
 Concen: 52.766 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD065199.D
 Acq: 17 Feb 2020 16:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.1	78.1

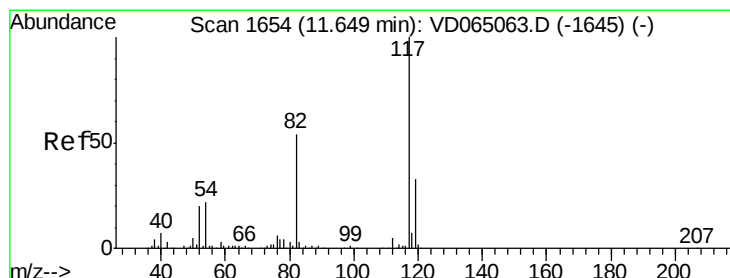
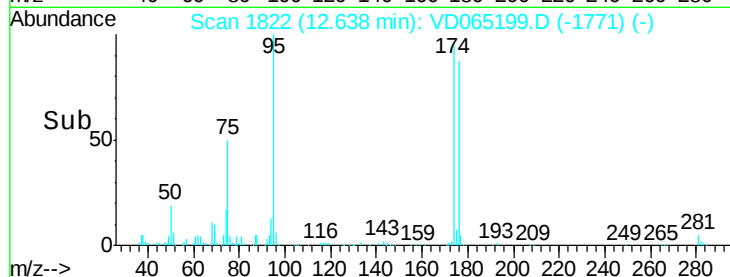
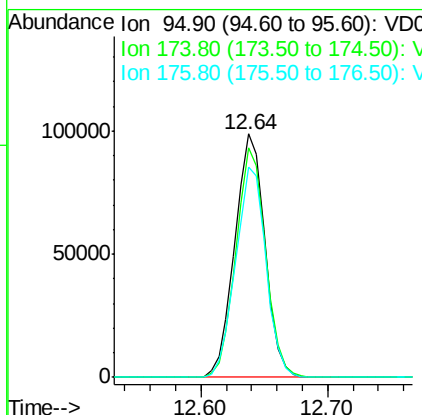
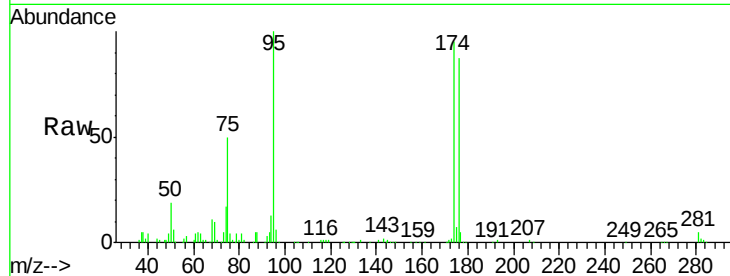




#62
4-Bromofluorobenzene
Concen: 46.108 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065199.D
Acq: 17 Feb 2020 16:24

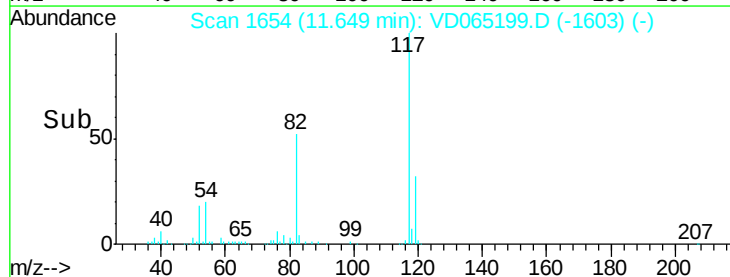
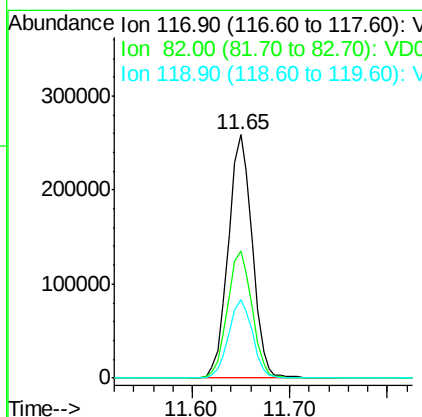
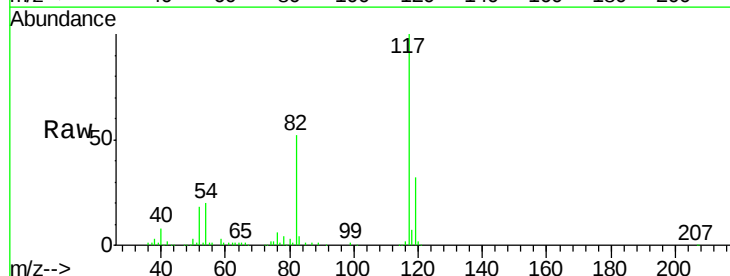
Instrument :
MSVOA_D
ClientSampled :
43ST-B

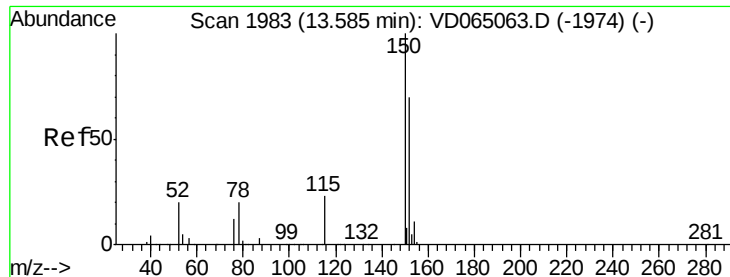
Tot Ion: 95 Resp: 162204
Ion Ratio Lower Upper
95 100
174 93.0 0.0 180.0
176 86.9 0.0 173.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065199.D
Acq: 17 Feb 2020 16:24

Tgt Ion: 117 Resp: 441516
Ion Ratio Lower Upper
117 100
82 52.0 43.1 64.7
119 32.2 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD065199.D

Acq: 17 Feb 2020 16:24

Instrument :

MSVOA_D

ClientSampleId :

43ST-B

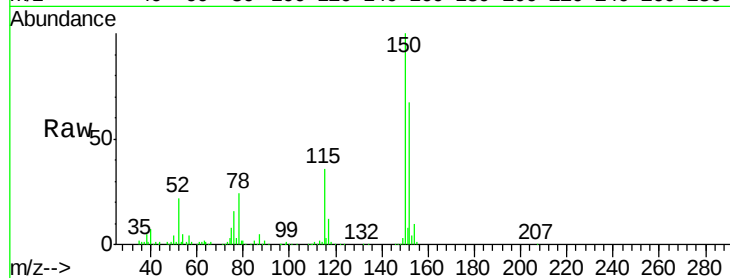
Tot Ion:152 Resp: 169719

Ion Ratio Lower Upper

152 100

115 53.7 27.5 82.4

150 153.0 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

