

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021720\
 Data File : VD065200.D
 Acq On : 17 Feb 2020 16:52
 Operator : VA/SY
 Sample : L1545-02
 Misc : 5.02G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 43ST-A

Quant Time: Feb 18 04:04:47 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

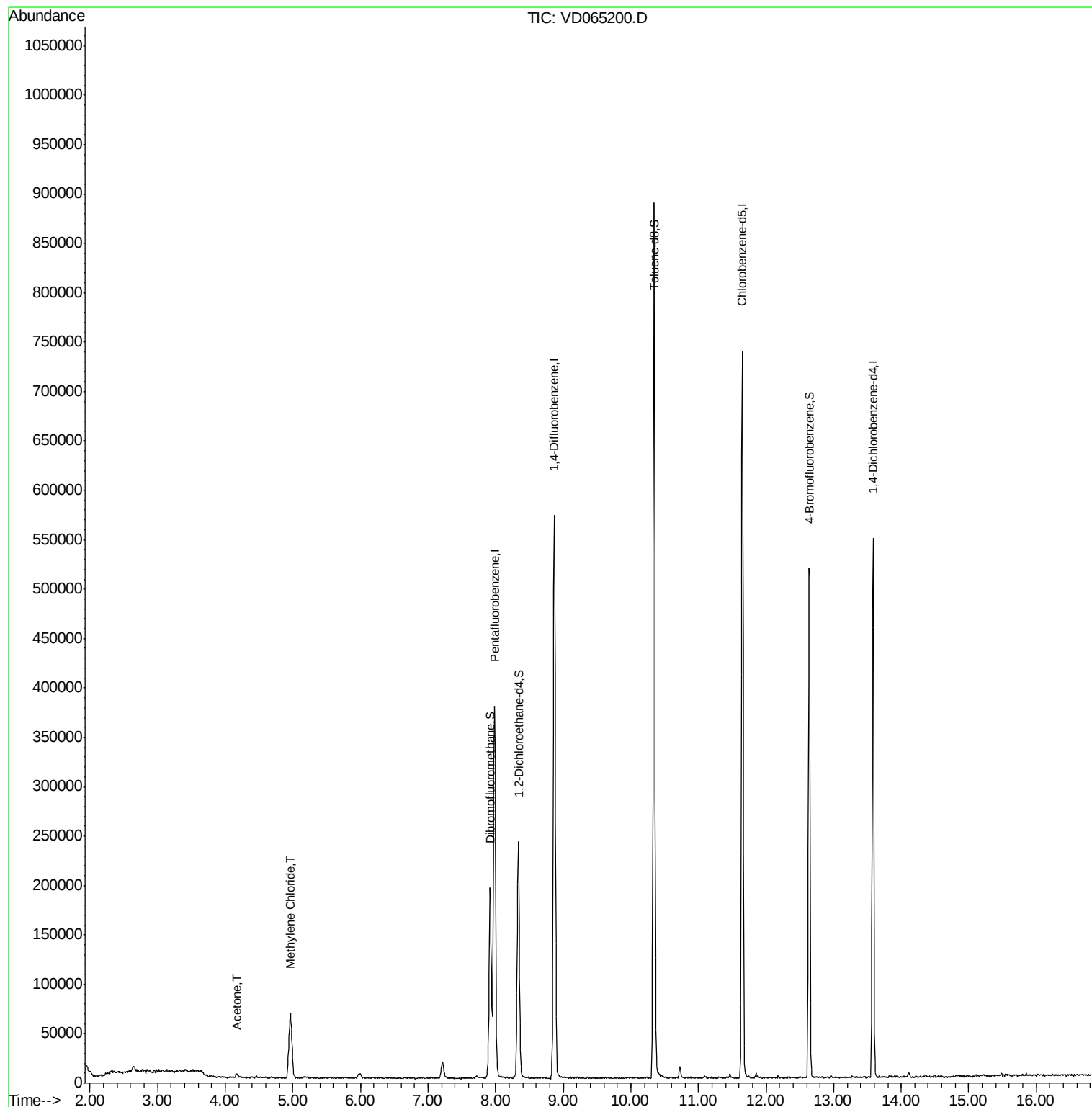
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	294609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	498353	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	425691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	146765	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	193676	77.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	154.70%	
35) Dibromofluoromethane	7.92	113	136057	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.86%	
50) Toluene-d8	10.34	98	598997	54.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.24%	
62) 4-Bromofluorobenzene	12.64	95	164745	46.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.96%	
Target Compounds						
16) Acetone	4.17	43	5561	8.883	ug/l #	89
20) Methylene Chloride	4.97	84	49452	15.198	ug/l	99

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

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QLast Update : Wed Feb 05 15:53:00 2020
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: VD065200.D

Acq: 17 Feb 2020 16:52

Instrument :

MSVOA_D

ClientSampleId :

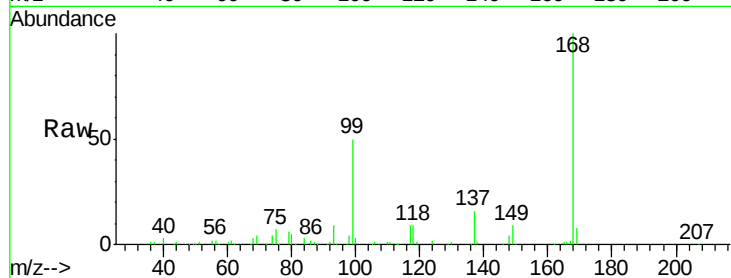
43ST-A

Tot Ion:168 Resp: 294609

Ion Ratio Lower Upper

168 100

99 50.4 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

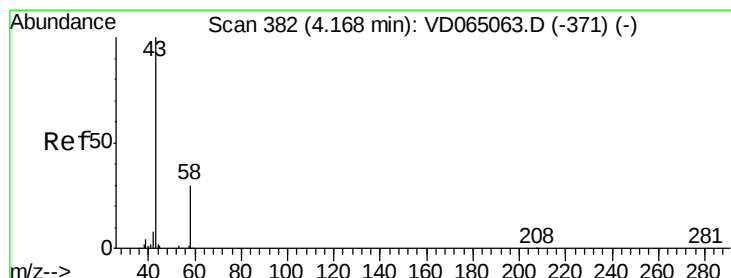
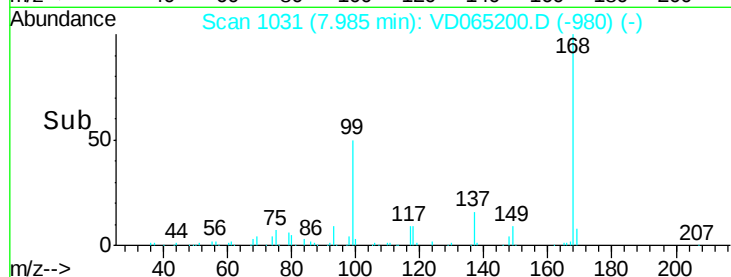
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 8.883 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD065200.D

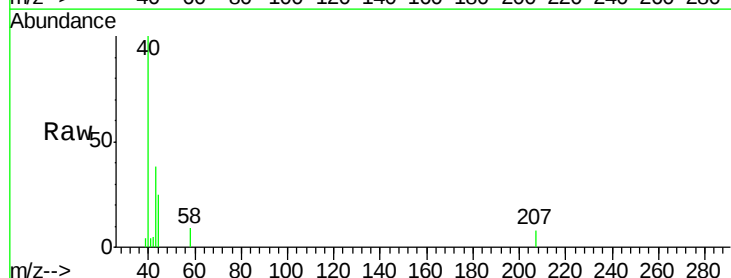
Acq: 17 Feb 2020 16:52

Tgt Ion: 43 Resp: 5561

Ion Ratio Lower Upper

43 100

58 23.5 23.5 35.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

2000

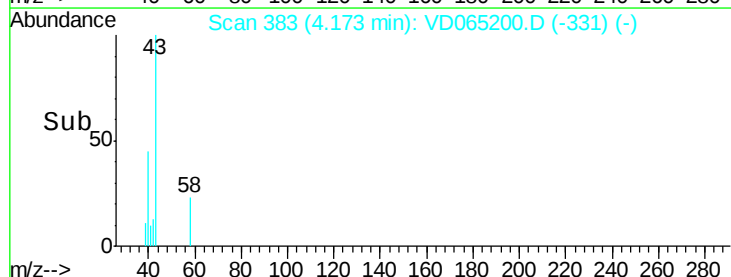
1500

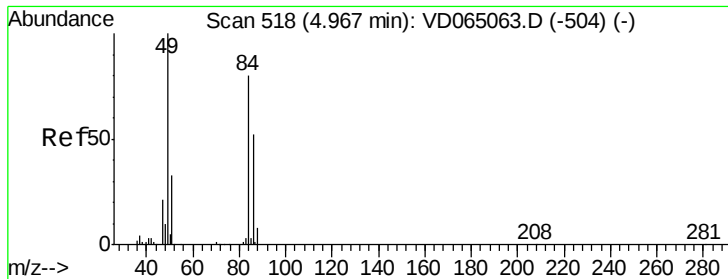
1000

500

0

Time-->

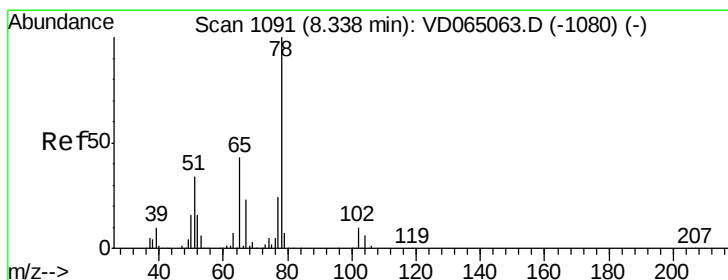
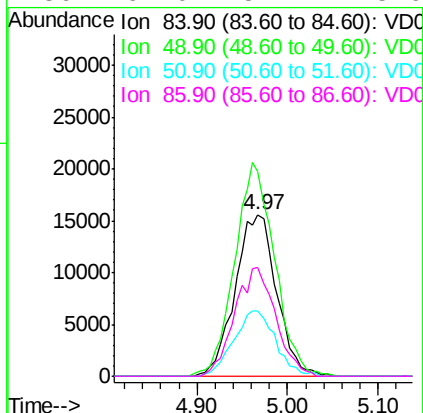
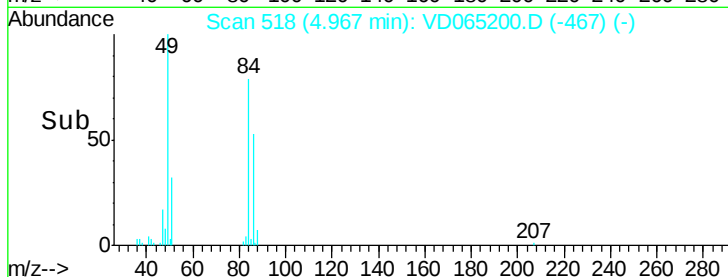
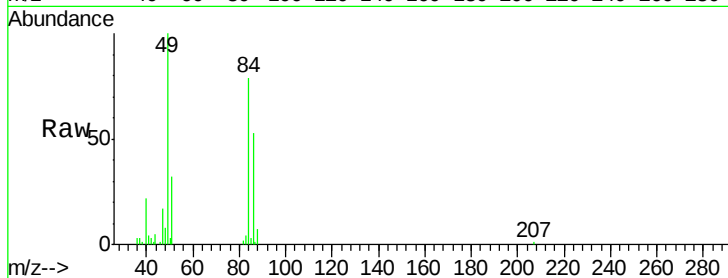




#20
Methylene Chloride
Concen: 15.198 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065200.D
Acq: 17 Feb 2020 16:52

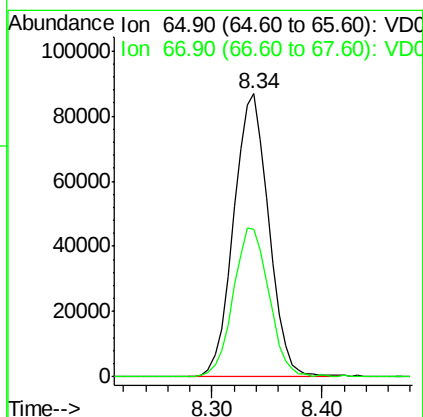
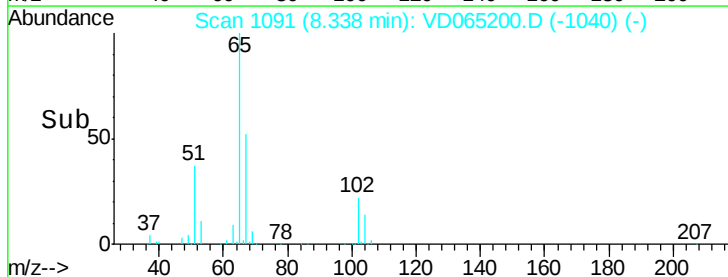
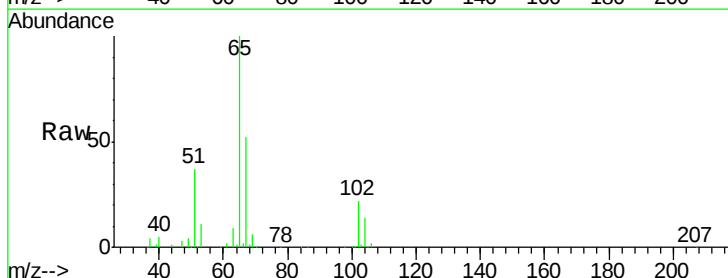
Instrument :
MSVOA_D
ClientSampleId :
43ST-A

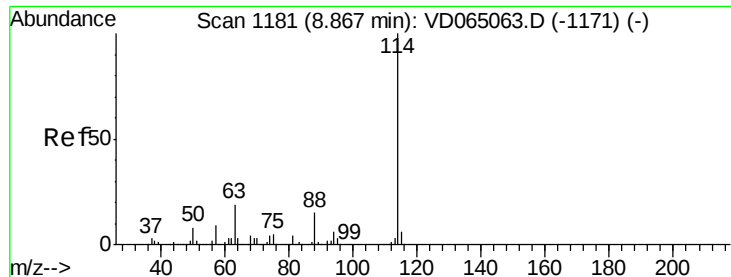
Tot Ion: 84 Resp: 49452
Ion Ratio Lower Upper
84 100
49 126.7 100.4 150.6
51 40.1 32.7 49.1
86 67.0 52.4 78.6



#33
1,2-Dichloroethane-d4
Concen: 77.349 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD065200.D
Acq: 17 Feb 2020 16:52

Tgt Ion: 65 Resp: 193676
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.8

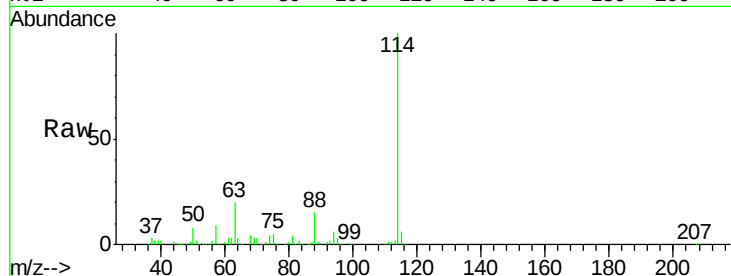




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065200.D
 Acq: 17 Feb 2020 16:52

Instrument :
 MSVOA_D
 ClientSampleId :
 43ST-A

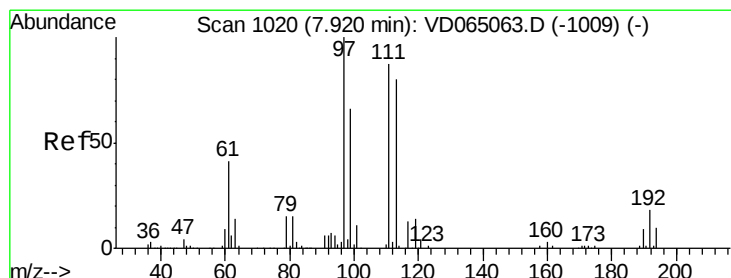
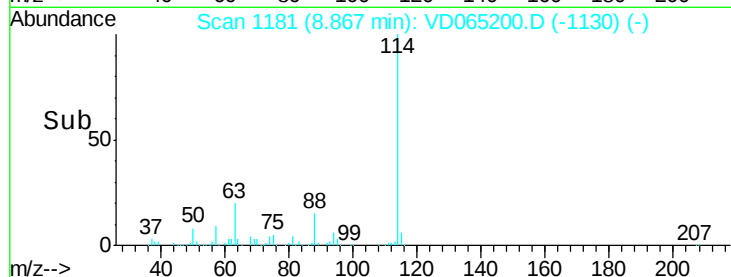
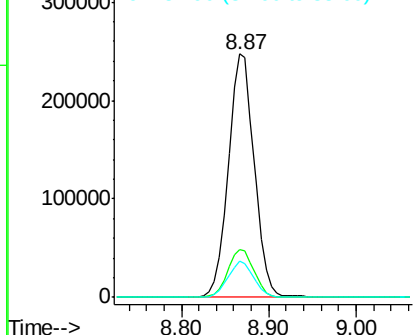
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	38.8
88	14.7	0.0	29.6



Abundance Ion 113.90 (113.60 to 114.60): V

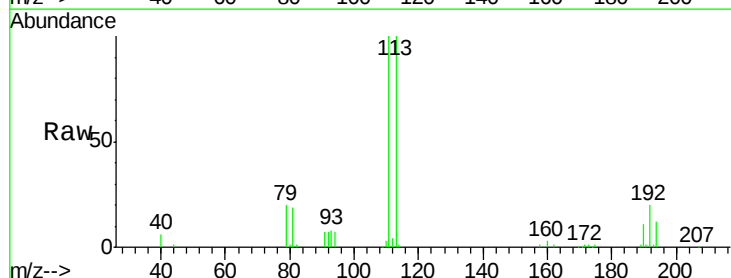
Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 48.933 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065200.D
 Acq: 17 Feb 2020 16:52

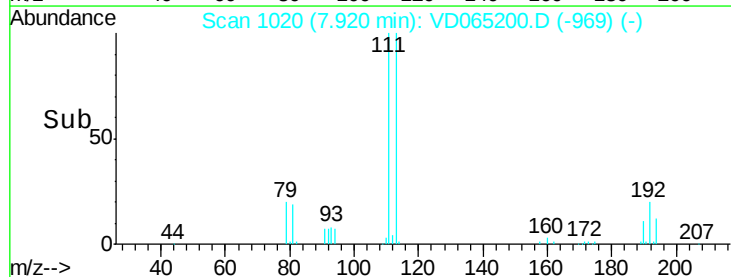
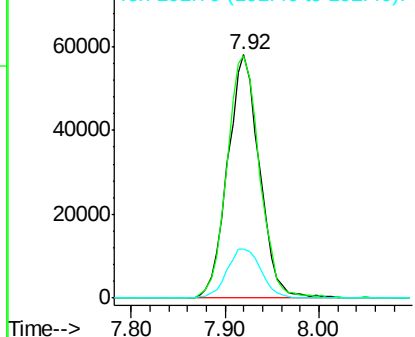
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.1	124.7
192	21.9	18.1	27.1

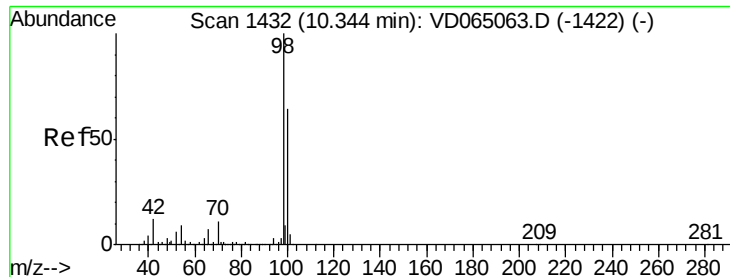


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.124 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065200.D

Acq: 17 Feb 2020 16:52

Instrument :

MSVOA_D

ClientSampleId :

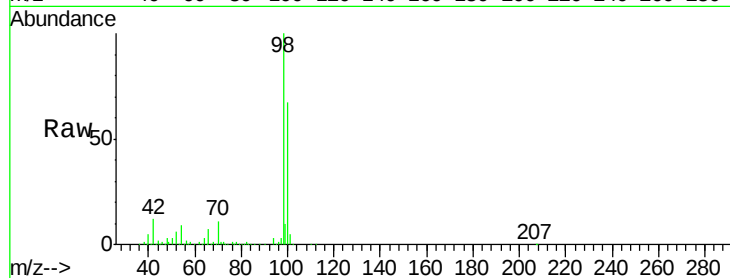
43ST-A

Tot Ion: 98 Resp: 598997

Ion Ratio Lower Upper

98 100

100 65.2 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VD065063.D (-1422) (-)

Ion 100.00 (99.70 to 100.70): VD065200.D (-1381) (-)

10.34

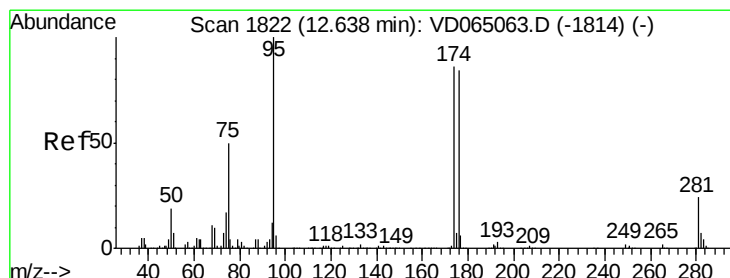
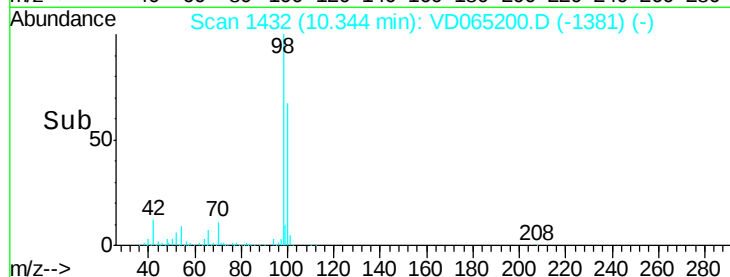
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.979 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065200.D

Acq: 17 Feb 2020 16:52

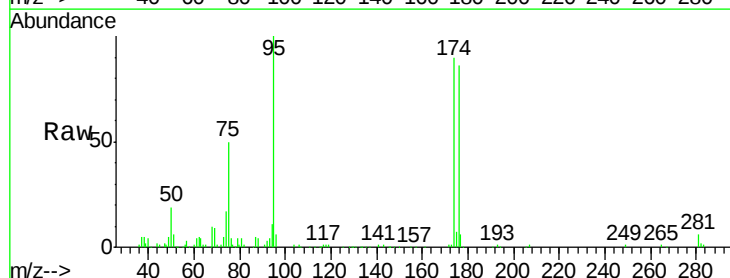
Tgt Ion: 95 Resp: 164745

Ion Ratio Lower Upper

95 100

174 90.1 0.0 180.0

176 85.8 0.0 173.2



Abundance Ion 94.90 (94.60 to 95.60): VD065063.D (-1814) (-)

Ion 173.80 (173.50 to 174.50): VD065063.D (-1814) (-)

Ion 175.80 (175.50 to 176.50): VD065200.D (-1771) (-)

12.64

120000

100000

80000

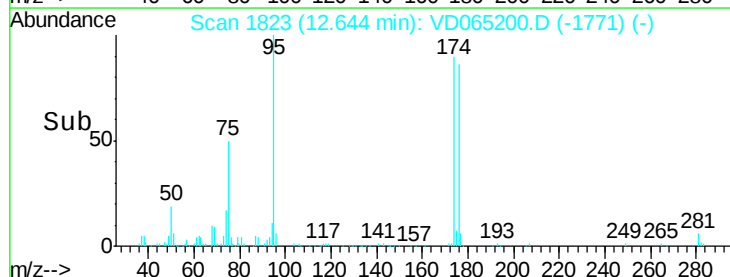
60000

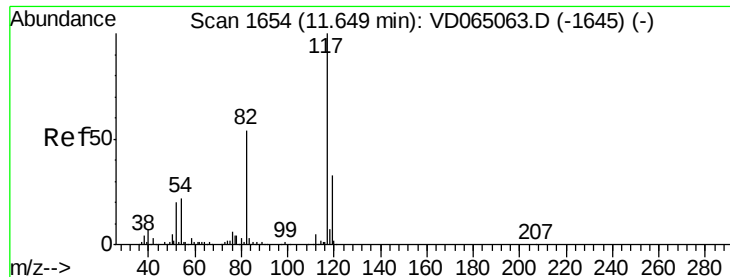
40000

20000

0

Time-->

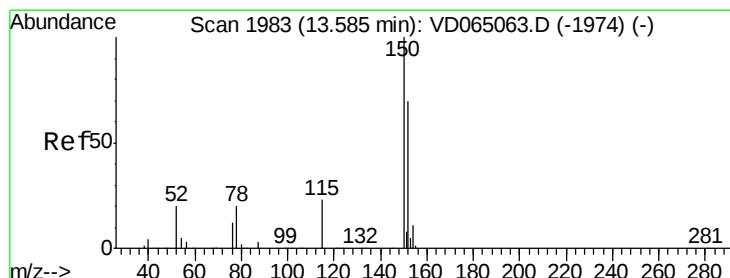
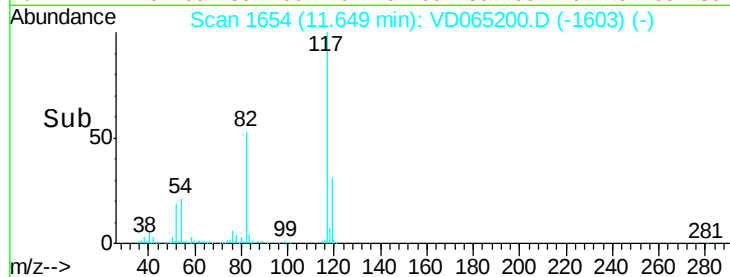
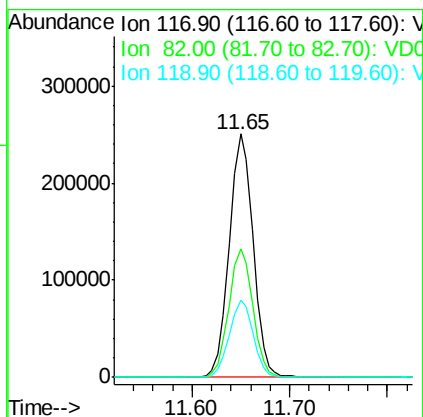
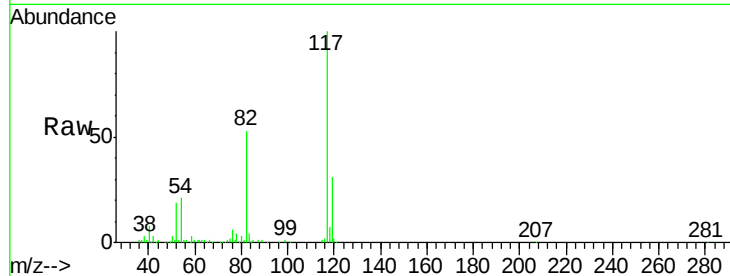




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065200.D
Acq: 17 Feb 2020 16:52

Instrument :
MSVOA_D
ClientSampleId :
43ST-A

Tot Ion:117 Resp: 425691
Ion Ratio Lower Upper
117 100
82 52.7 43.1 64.7
119 31.5 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: VD065200.D
Acq: 17 Feb 2020 16:52

Tgt Ion:152 Resp: 146765
Ion Ratio Lower Upper
152 100
115 56.3 27.5 82.4
150 158.7 0.0 343.2

