

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061820\
 Data File : VD065805.D
 Acq On : 18 Jun 2020 13:52
 Operator : VA/SY
 Sample : L2812-06
 Misc : 6.87G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-061720

Quant Time: Jun 19 01:25:58 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

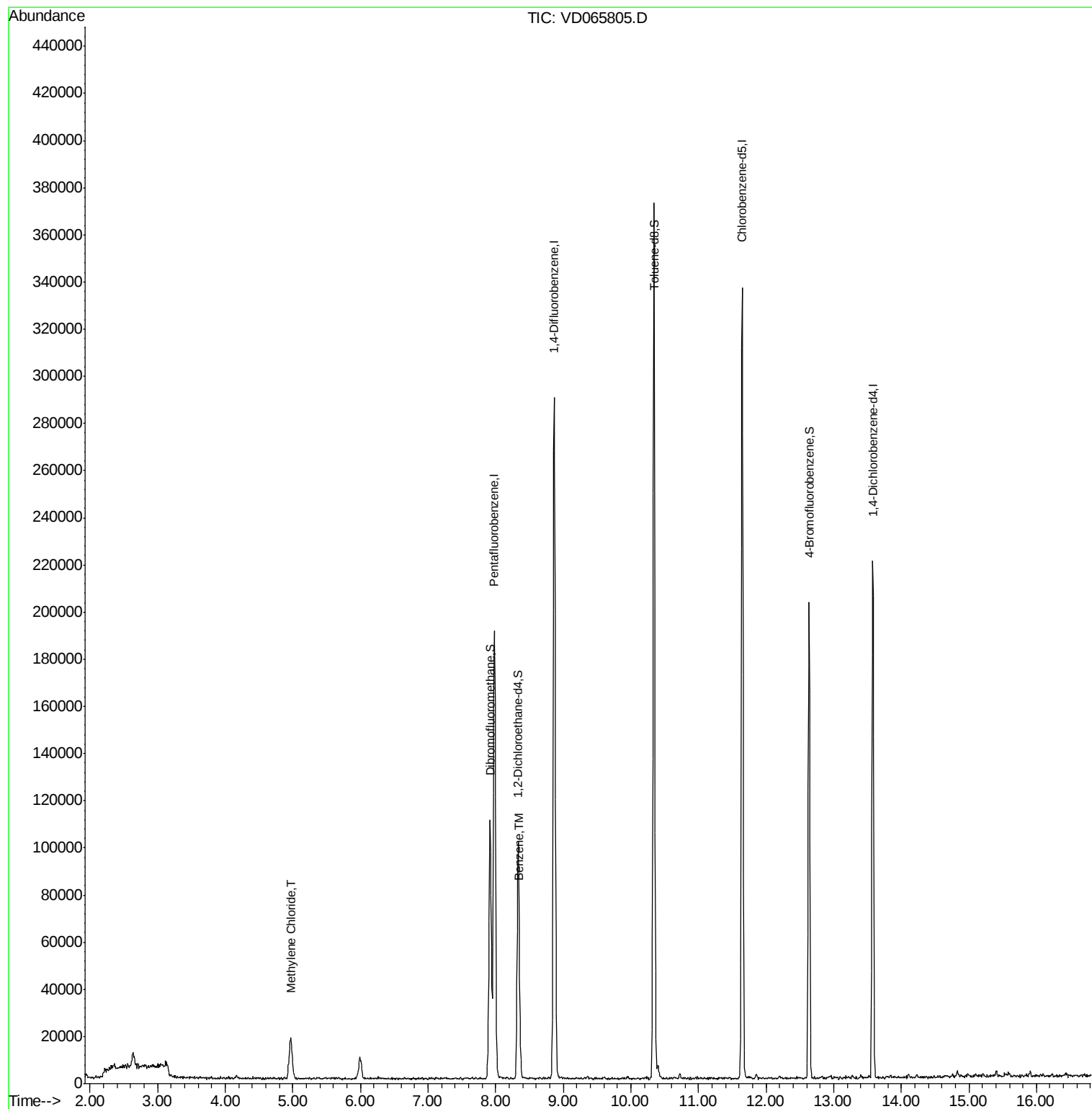
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	139766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	244786	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	182664	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	55587	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	78730	57.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.02%	
35) Dibromofluoromethane	7.91	113	76573	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
50) Toluene-d8	10.34	98	244018	42.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.64%	
62) 4-Bromofluorobenzene	12.64	95	61797	31.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.20%	
Target Compounds						
20) Methylene Chloride	4.97	84	12800	5.272	ug/l #	86
40) Benzene	8.36	78	6722	1.049	ug/l	98

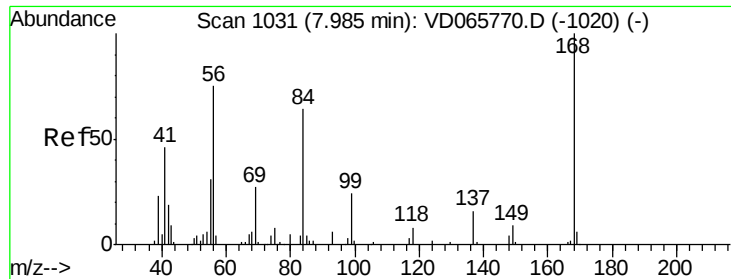
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065805.D

Acq: 18 Jun 2020 13:52

Instrument :

MSVOA_D

ClientSampleId :

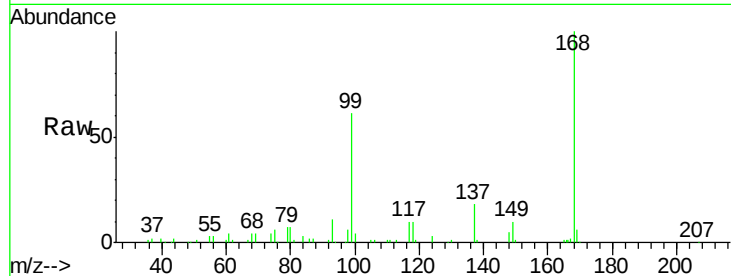
OK-03-061720

Tot Ion:168 Resp: 139766

Ion Ratio Lower Upper

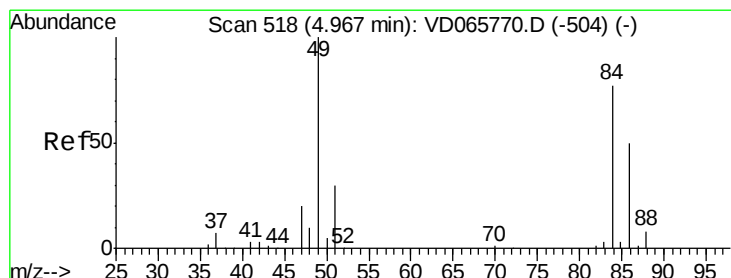
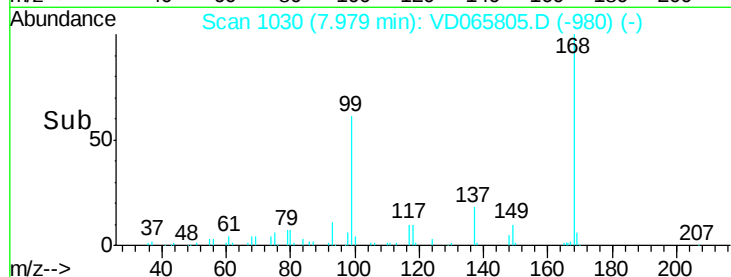
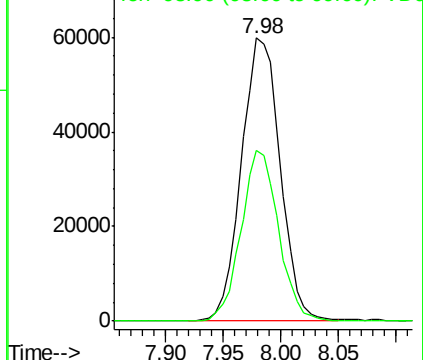
168 100

99 60.5 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#20

Methylene Chloride

Concen: 5.272 ug/l

RT: 4.97 min Scan# 519

Delta R.T. 0.01 min

Lab File: VD065805.D

Acq: 18 Jun 2020 13:52

Tgt Ion: 84 Resp: 12800

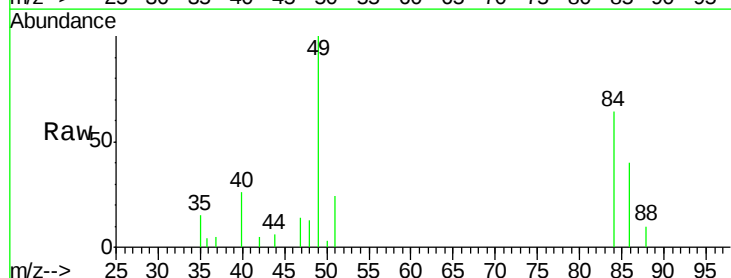
Ion Ratio Lower Upper

84 100

49 155.1 103.4 155.0#

51 36.8 31.4 47.2

86 62.5 51.7 77.5

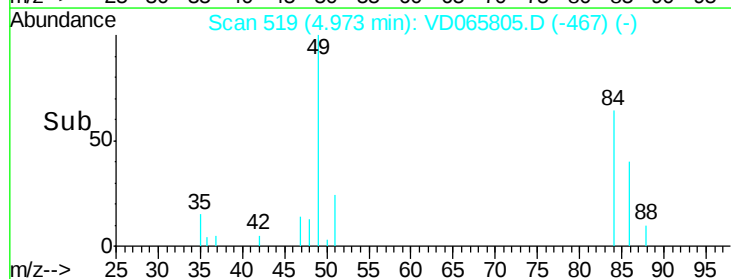
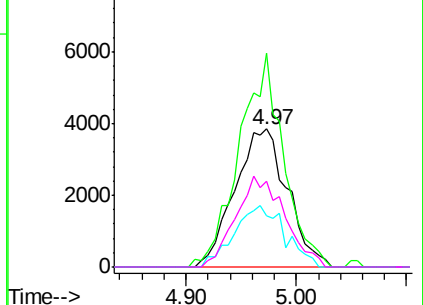


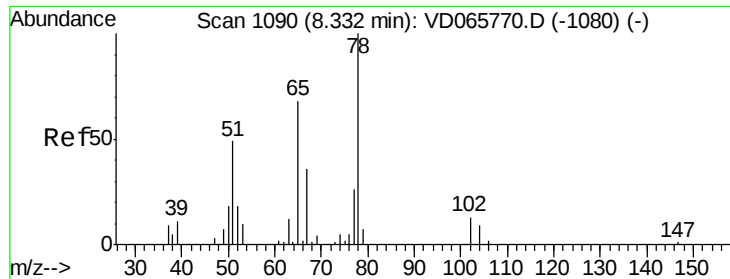
Abundance Ion 83.90 (83.60 to 84.60): VDC

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





#33

1,2-Dichloroethane-d4

Concen: 57.006 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD065805.D

Acq: 18 Jun 2020 13:52

Instrument :

MSVOA_D

ClientSampleId :

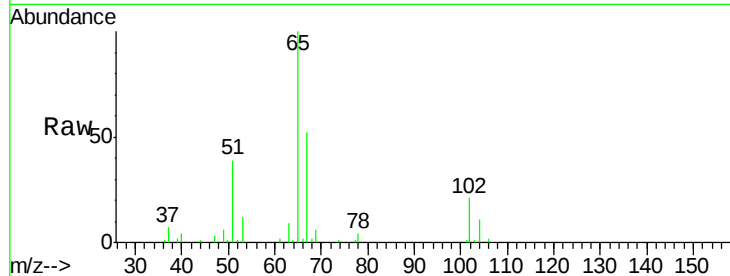
OK-03-061720

Tot Ion: 65 Resp: 78730

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

40000

30000

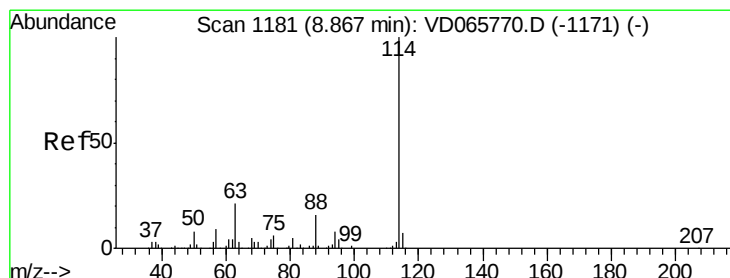
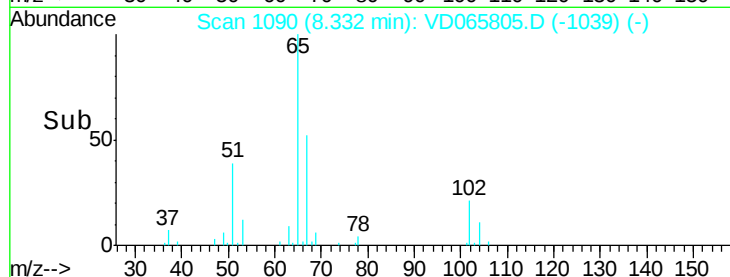
20000

10000

0

8.30 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD065805.D

Acq: 18 Jun 2020 13:52

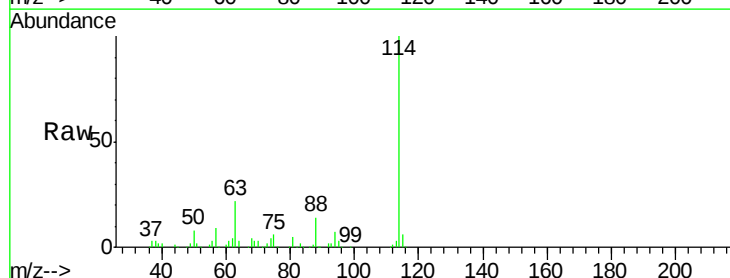
Tgt Ion: 114 Resp: 244786

Ion Ratio Lower Upper

114 100

63 22.1 0.0 41.8

88 14.4 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

150000

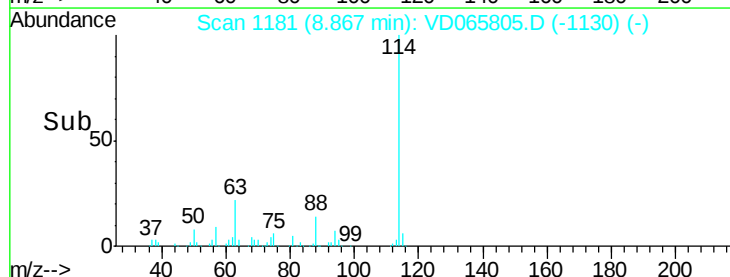
100000

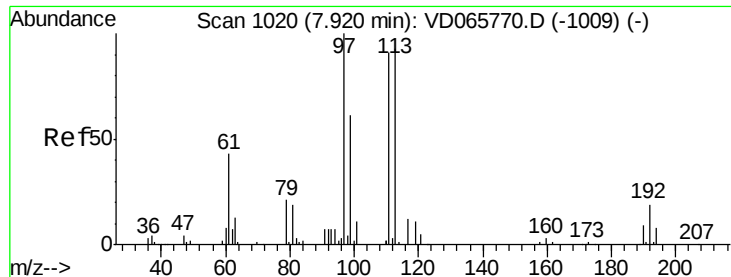
50000

0

8.80 8.90 9.00

Time-->

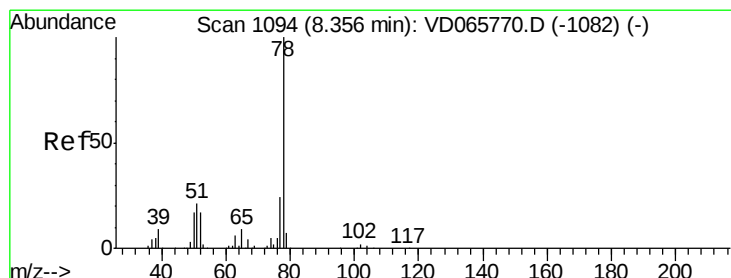
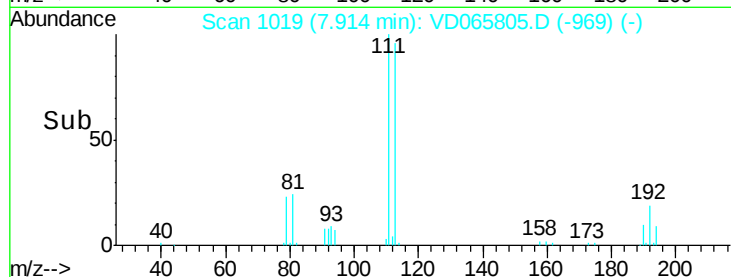
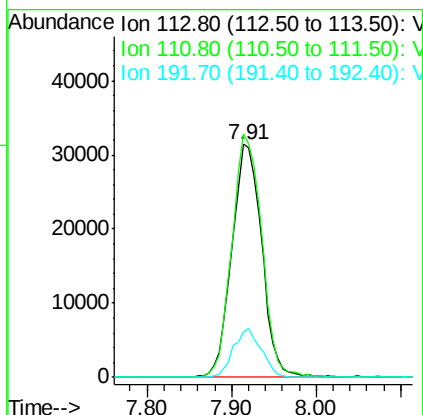
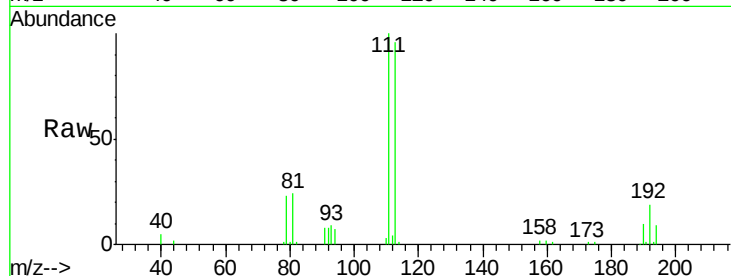




#35
 Dibromofluoromethane
 Concen: 49.523 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065805.D
 Acq: 18 Jun 2020 13:52

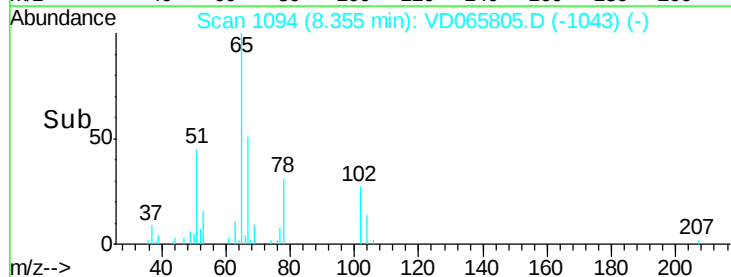
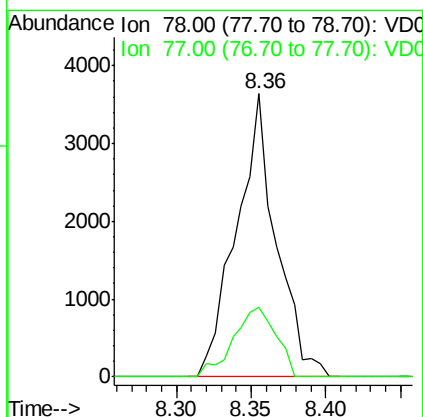
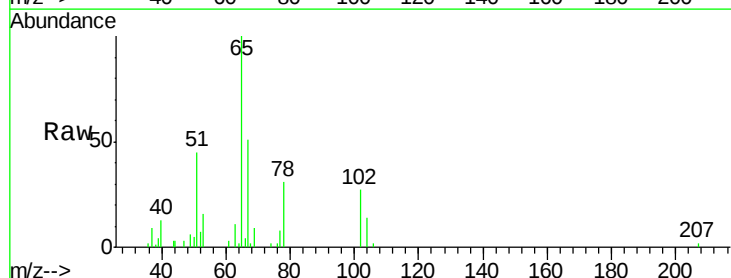
Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-061720

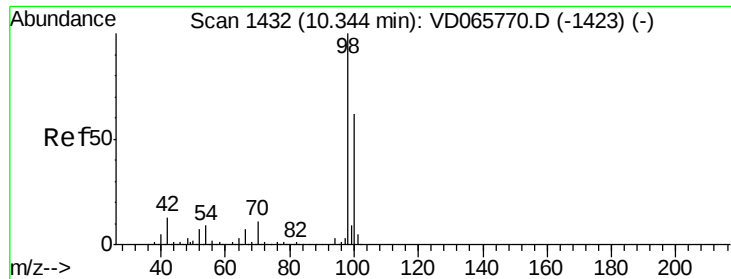
Tot Ion:113 Resp: 76573
 Ion Ratio Lower Upper
 113 100
 111 104.8 83.4 125.0
 192 19.5 15.7 23.5



#40
 Benzene
 Concen: 1.049 ug/l
 RT: 8.36 min Scan# 1094
 Delta R.T. -0.00 min
 Lab File: VD065805.D
 Acq: 18 Jun 2020 13:52

Tgt Ion: 78 Resp: 6722
 Ion Ratio Lower Upper
 78 100
 77 24.8 19.2 28.8





#50

Toluene-d8

Concen: 42.323 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065805.D

Acq: 18 Jun 2020 13:52

Instrument :

MSVOA_D

ClientSampleId :

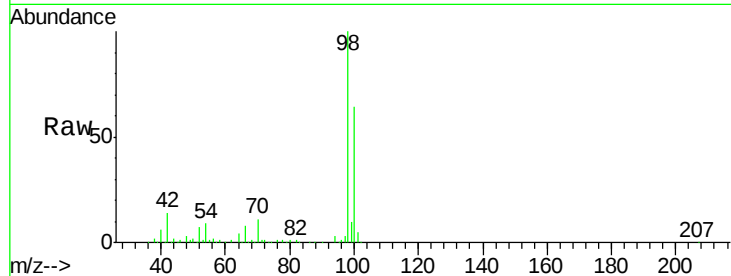
OK-03-061720

Tot Ion: 98 Resp: 244018

Ion Ratio Lower Upper

98 100

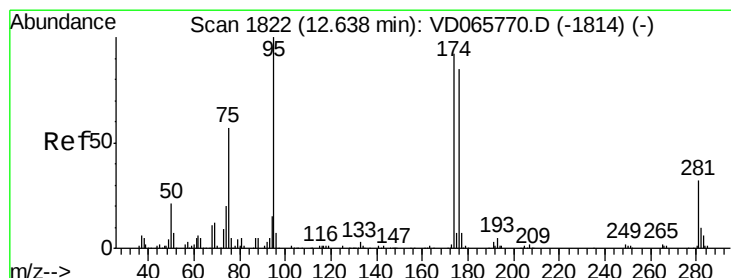
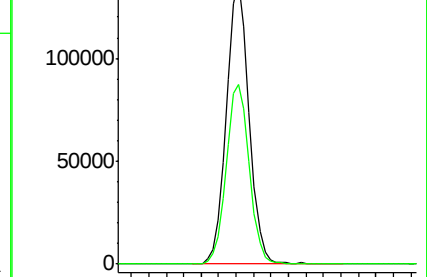
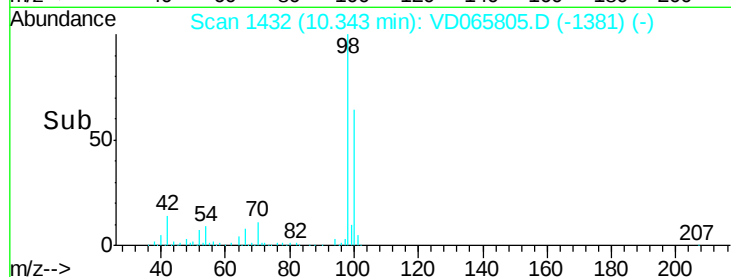
100 65.0 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VD065770.D (-1423) (-)

Ion 100.00 (99.70 to 100.70): VD065770.D (-1423) (-)

10.34



#62

4-Bromofluorobenzene

Concen: 31.604 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065805.D

Acq: 18 Jun 2020 13:52

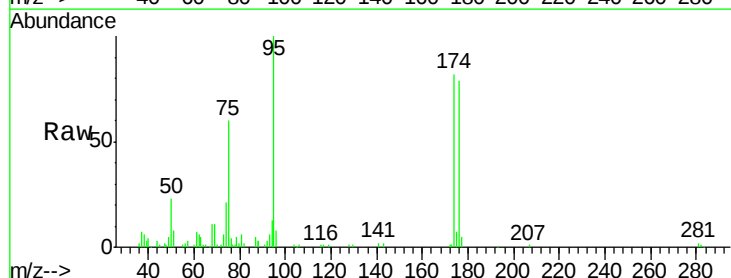
Tgt Ion: 95 Resp: 61797

Ion Ratio Lower Upper

95 100

174 79.3 0.0 175.2

176 76.5 0.0 163.0

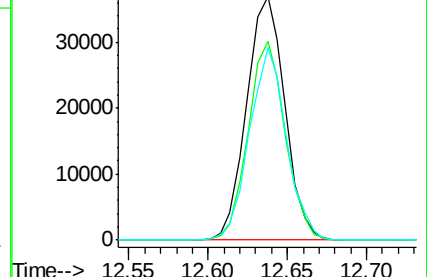
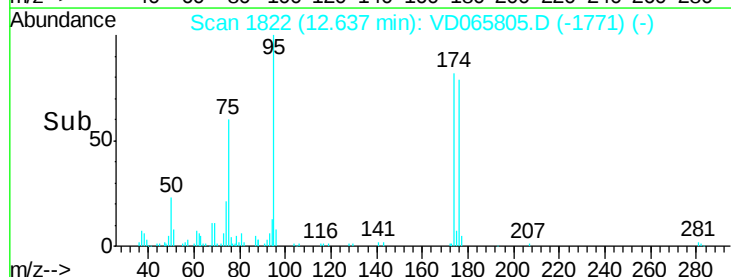


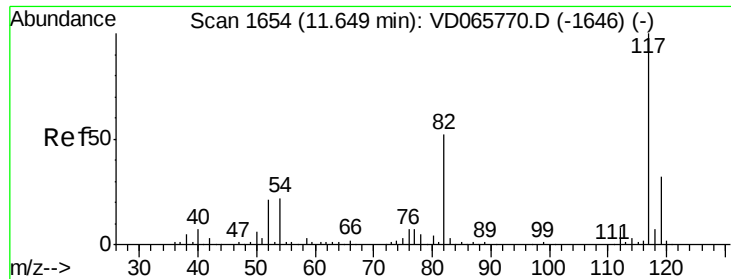
Abundance Ion 94.90 (94.60 to 95.60): VD065770.D (-1814) (-)

Ion 173.80 (173.50 to 174.50): VD065770.D (-1814) (-)

Ion 175.80 (175.50 to 176.50): VD065770.D (-1814) (-)

12.64

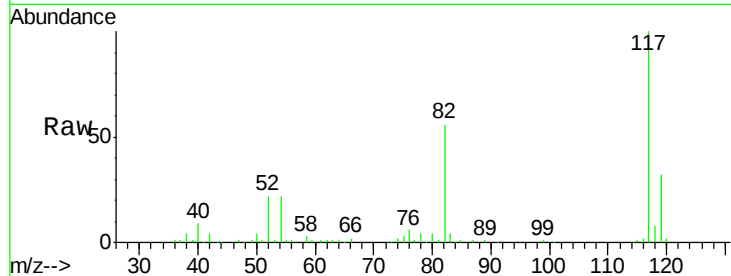




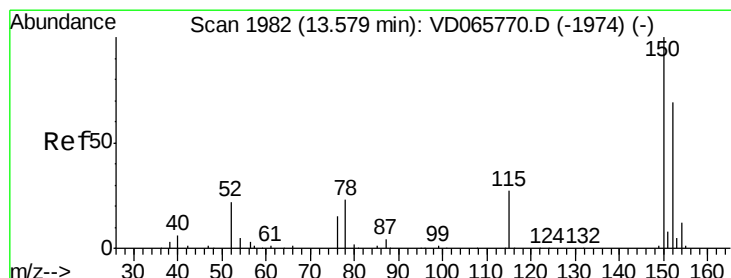
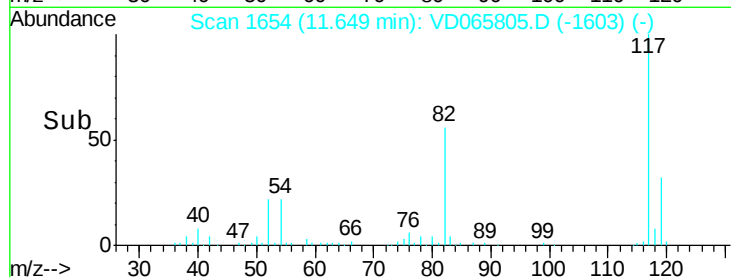
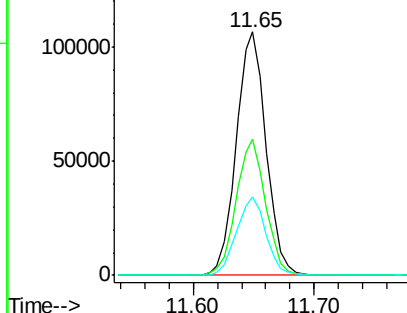
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065805.D
Acq: 18 Jun 2020 13:52

Instrument :
MSVOA_D
ClientSampleId :
OK-03-061720

Tot Ion:117 Resp: 182664
Ion Ratio Lower Upper
117 100
82 55.8 41.9 62.9
119 32.4 25.3 37.9

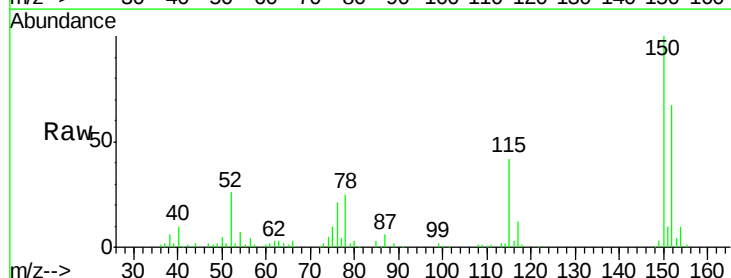


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD065805.D
Acq: 18 Jun 2020 13:52

Tgt Ion:152 Resp: 55587
Ion Ratio Lower Upper
152 100
115 59.7 28.7 86.1
150 154.9 0.0 348.0



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

