

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010820\
 Data File : VD064805.D
 Acq On : 08 Jan 2020 14:39
 Operator : VA/SY
 Sample : DI02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DI02

Quant Time: Jan 08 14:59:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

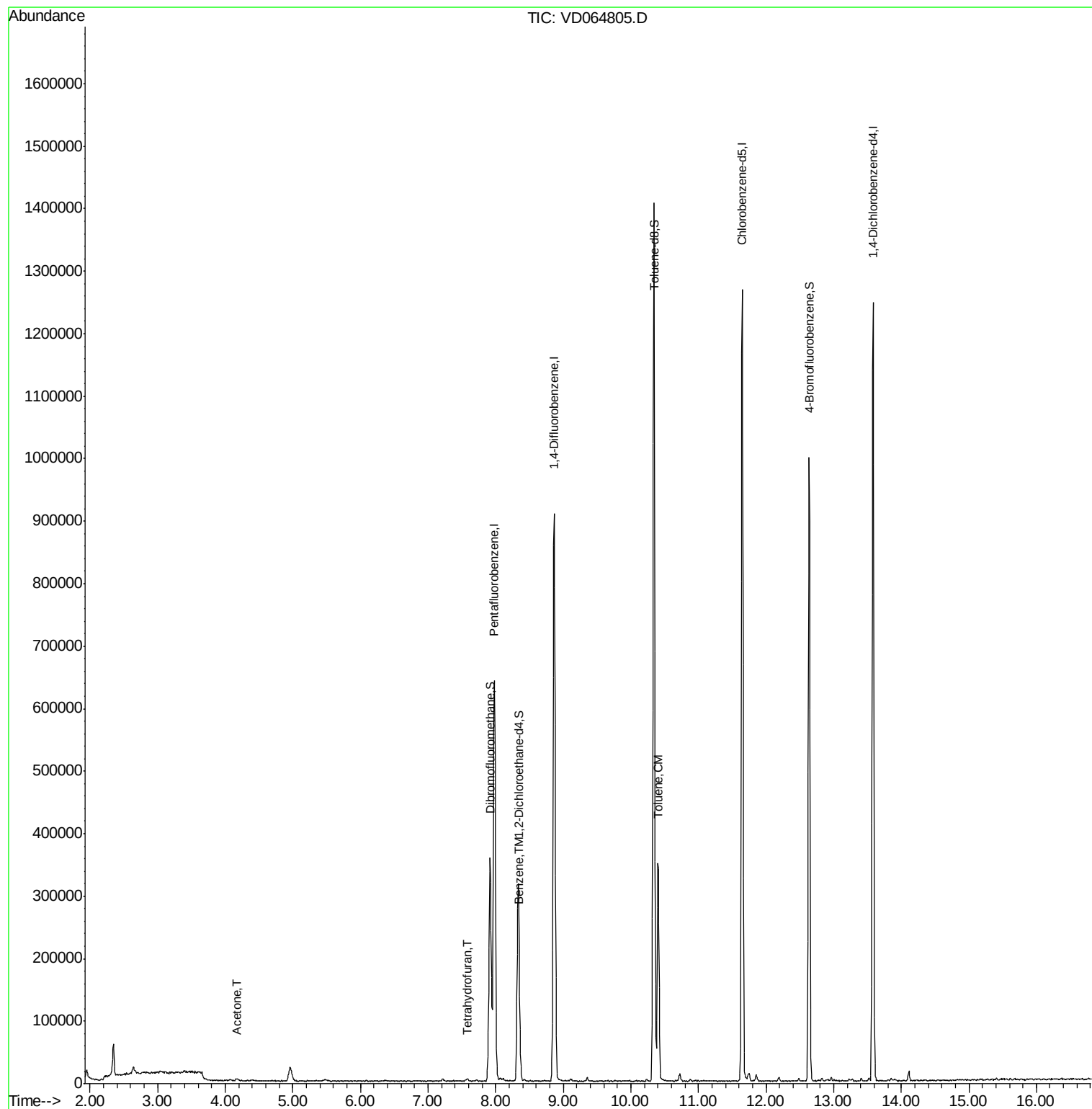
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	491723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	777671	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	713230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	337172	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	245021	56.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.02%	
35) Dibromofluoromethane	7.92	113	242502	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
50) Toluene-d8	10.34	98	947128	51.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.66%	
62) 4-Bromofluorobenzene	12.64	95	296573	51.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.66%	
Target Compounds						
16) Acetone	4.18	43	6851	10.797	ug/l	95
20) Methylene Chloride	4.96	84	15965	Below Cal		97
29) Tetrahydrofuran	7.57	42	2402	3.241	ug/l #	81
40) Benzene	8.36	78	30553	1.495	ug/l	95
52) Toluene	10.40	92	146460	10.925	ug/l	98

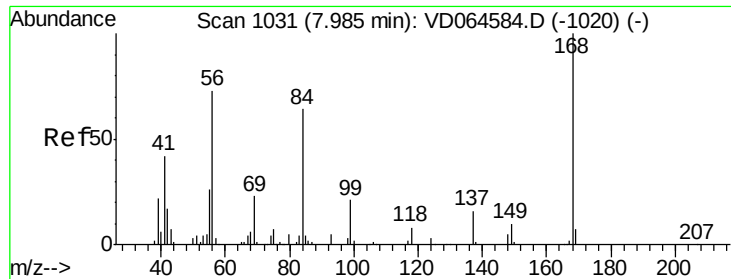
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD010820\
Data File : VD064805.D
Acq On : 08 Jan 2020 14:39
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Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
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: VD064805.D

Acq: 08 Jan 2020 14:39

Instrument :

MSVOA_D

ClientSampleId :

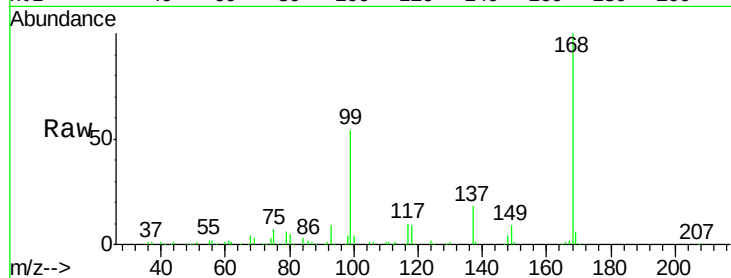
DI02

Tgt Ion:168 Resp: 491723

Ion Ratio Lower Upper

168 100

99 54.0 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

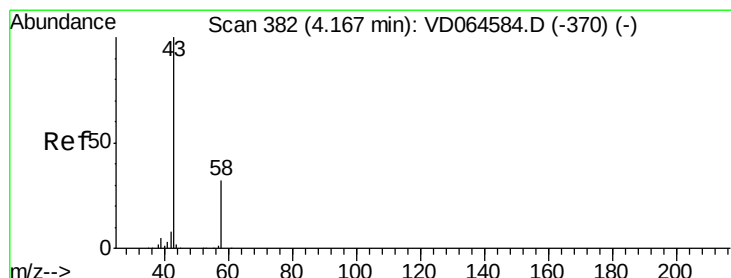
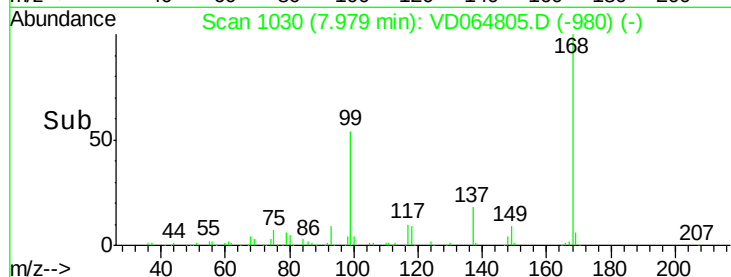
150000

100000

50000

0

Time--> 7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 10.797 ug/l

RT: 4.18 min Scan# 384

Delta R.T. 0.01 min

Lab File: VD064805.D

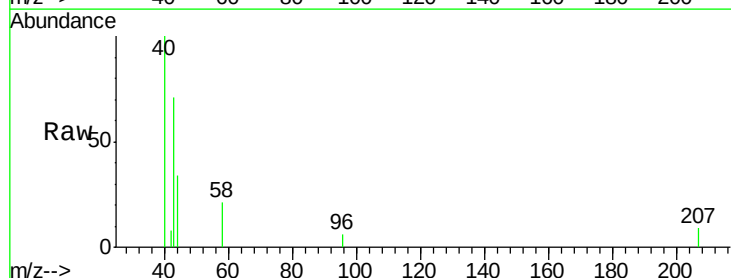
Acq: 08 Jan 2020 14:39

Tgt Ion: 43 Resp: 6851

Ion Ratio Lower Upper

43 100

58 29.6 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.18

2500

2000

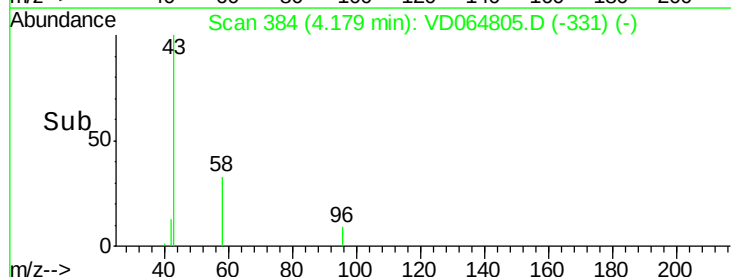
1500

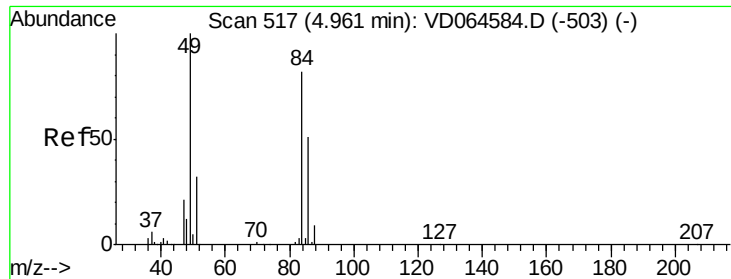
1000

500

0

Time--> 4.10 4.20 4.30





#20

Methylene Chloride

Concen: Below Cal

RT: 4.96 min Scan# 517

Delta R.T. 0.00 min

Lab File: VD064805.D

Acq: 08 Jan 2020 14:39

Instrument :

MSVOA_D

ClientSampleId :

DI02

Tgt Ion: 84 Resp: 15965

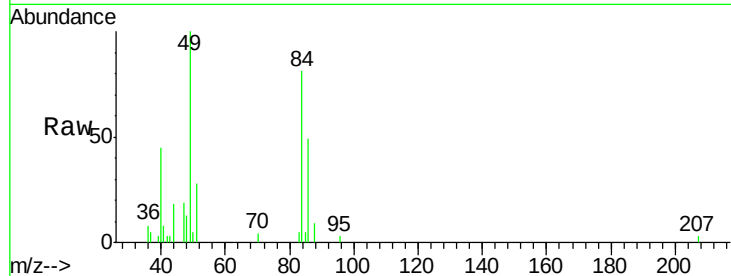
Ion Ratio Lower Upper

84 100

49 124.2 97.2 145.8

51 35.3 31.4 47.0

86 61.0 49.3 73.9

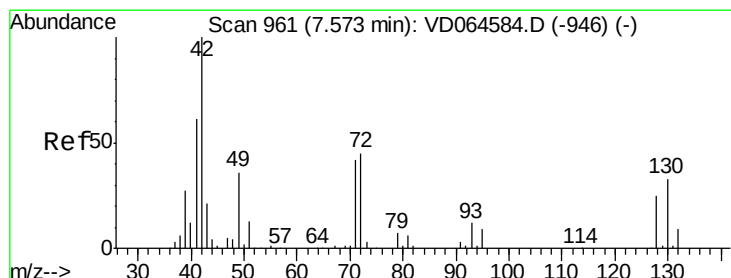
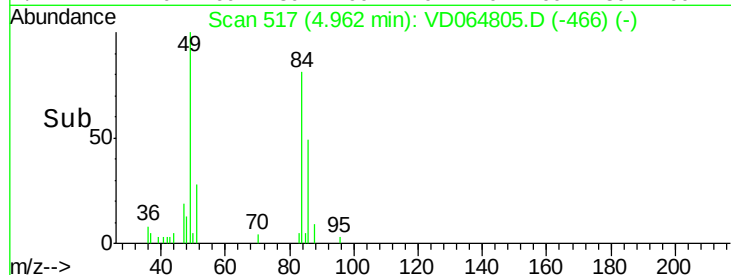
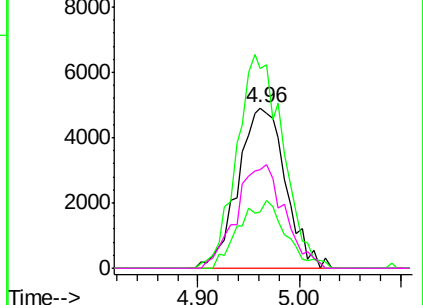


Abundance Ion 83.90 (83.60 to 84.60): VDC

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



#29

Tetrahydrofuran

Concen: 3.241 ug/l

RT: 7.57 min Scan# 961

Delta R.T. 0.00 min

Lab File: VD064805.D

Acq: 08 Jan 2020 14:39

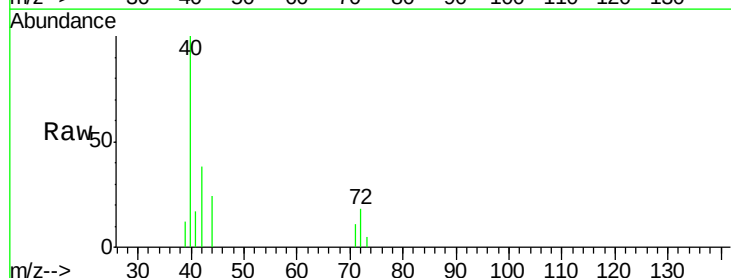
Tgt Ion: 42 Resp: 2402

Ion Ratio Lower Upper

42 100

72 48.7 35.0 52.4

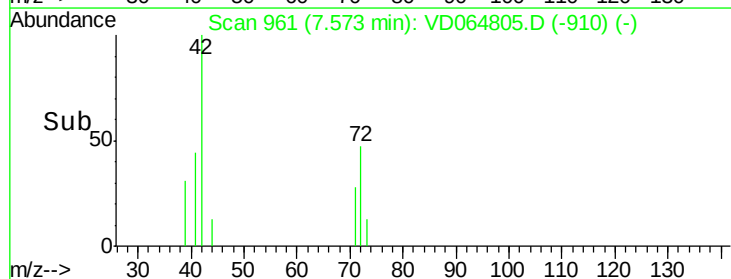
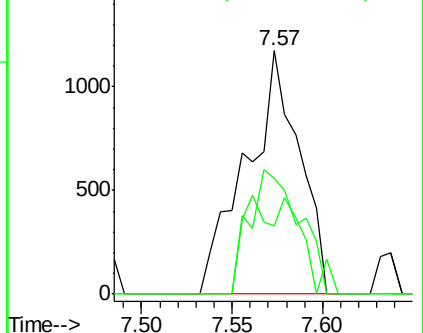
71 22.2 32.9 49.3#

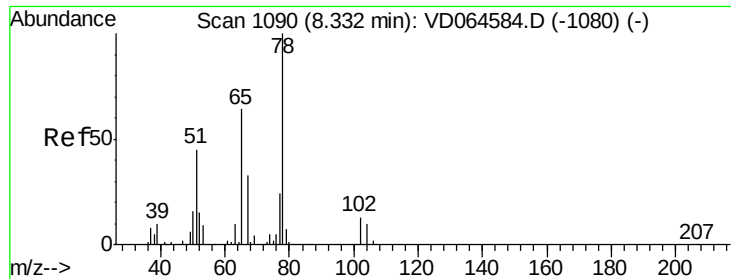


Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC

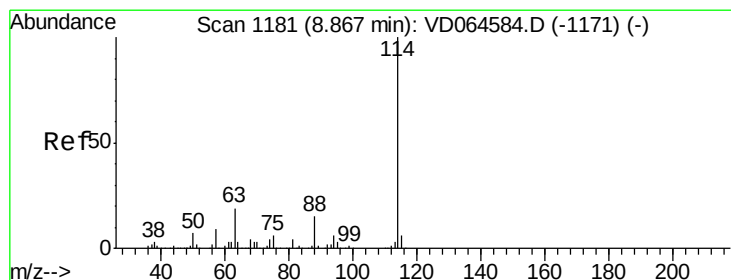
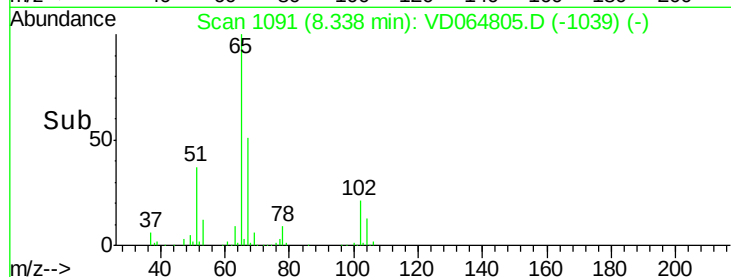
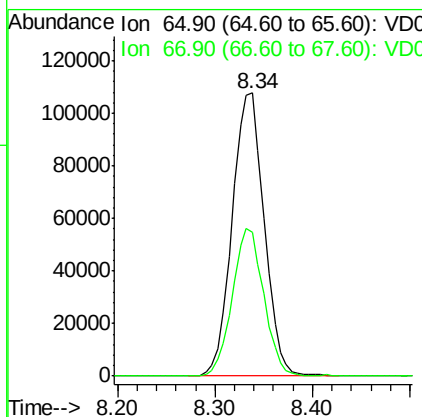
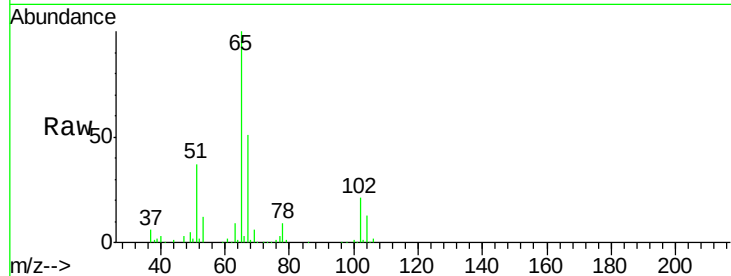




#33
1,2-Dichloroethane-d4
Concen: 56.509 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD064805.D
Acq: 08 Jan 2020 14:39

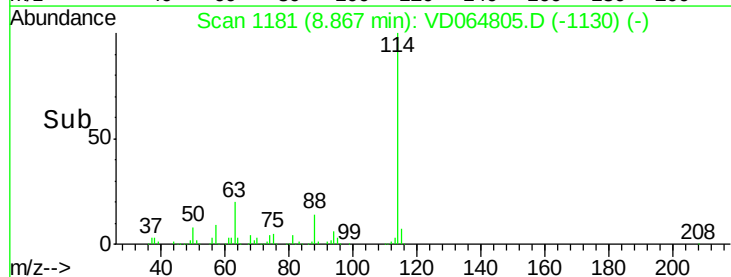
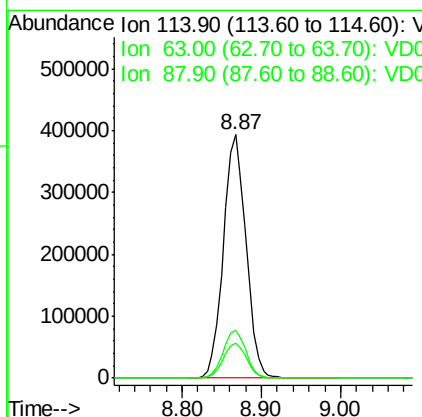
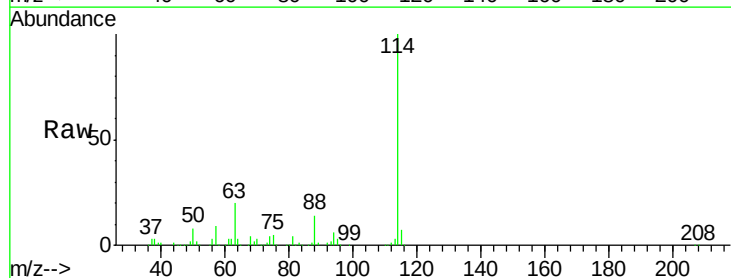
Instrument :
MSVOA_D
ClientSampleId :
DI02

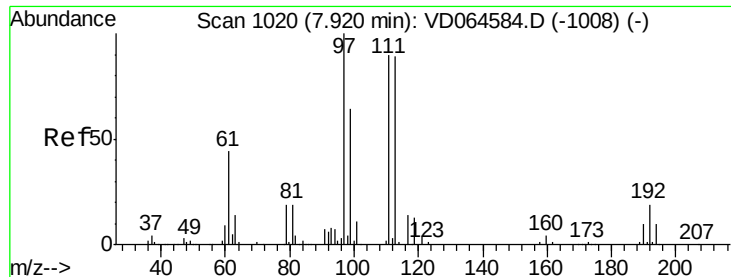
Tgt Ion: 65 Resp: 245021
Ion Ratio Lower Upper
65 100
67 51.1 0.0 106.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD064805.D
Acq: 08 Jan 2020 14:39

Tgt Ion: 114 Resp: 777671
Ion Ratio Lower Upper
114 100
63 19.9 0.0 38.0
88 14.4 0.0 29.2

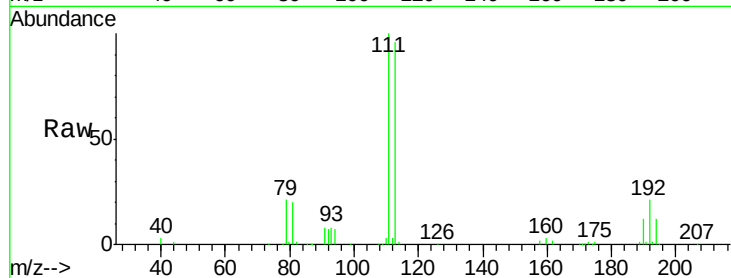




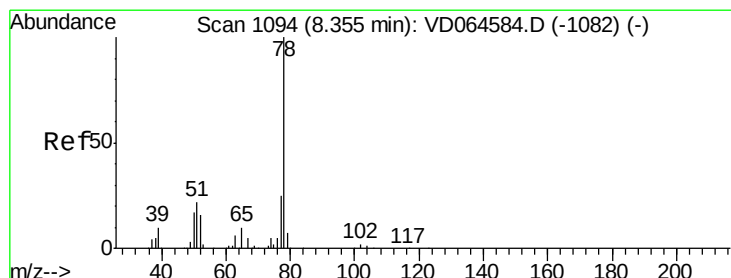
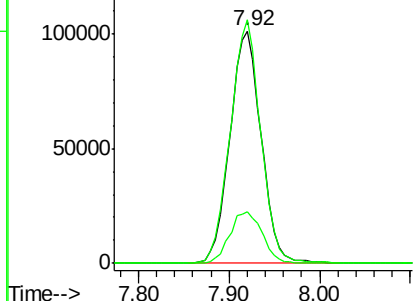
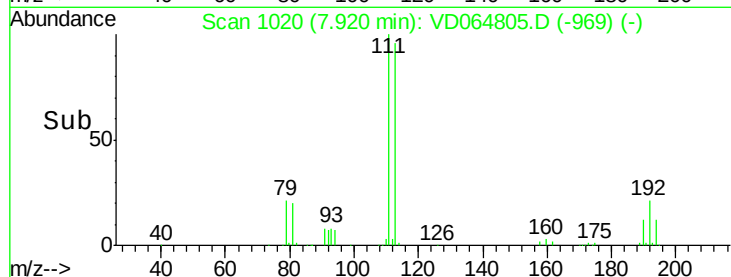
#35
 Dibromofluoromethane
 Concen: 50.827 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064805.D
 Acq: 08 Jan 2020 14:39

Instrument :
 MSVOA_D
 ClientSampleId :
 DI02

Tgt Ion: 113 Resp: 242502
 Ion Ratio Lower Upper
 113 100
 111 102.4 80.6 121.0
 192 23.0 17.9 26.9

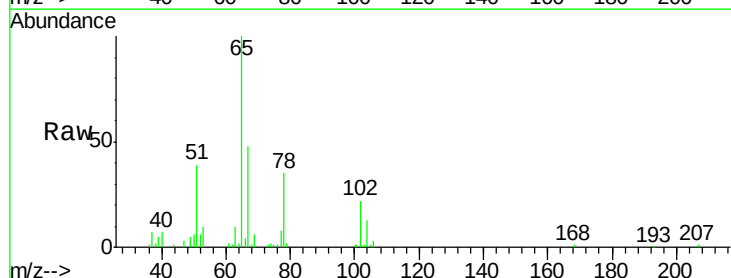


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

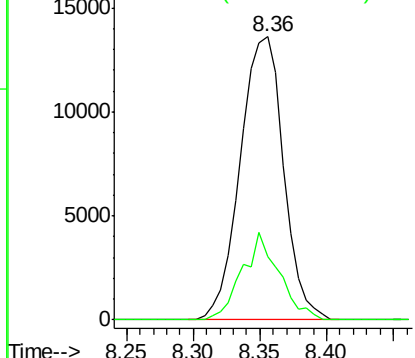
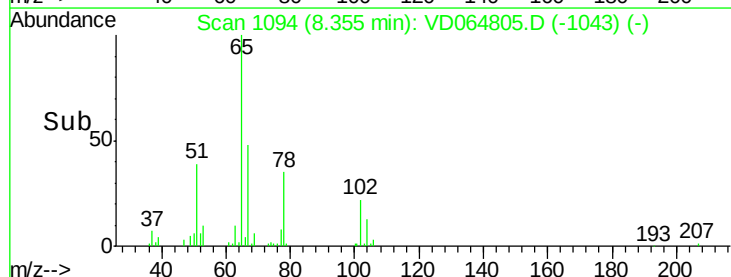


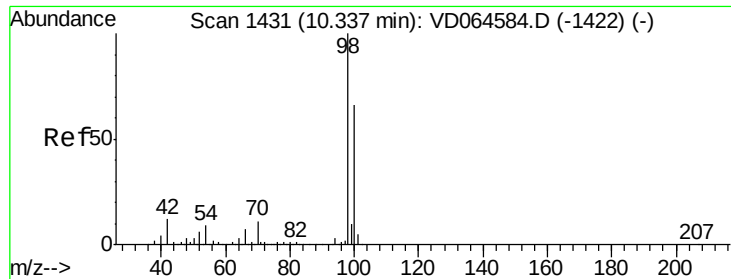
#40
 Benzene
 Concen: 1.495 ug/l
 RT: 8.36 min Scan# 1094
 Delta R.T. 0.00 min
 Lab File: VD064805.D
 Acq: 08 Jan 2020 14:39

Tgt Ion: 78 Resp: 30553
 Ion Ratio Lower Upper
 78 100
 77 22.4 19.9 29.9



Abundance Ion 78.00 (77.70 to 78.70): VDC
 Ion 77.00 (76.70 to 77.70): VDC

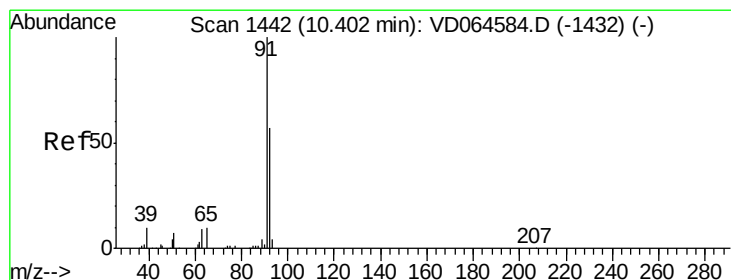
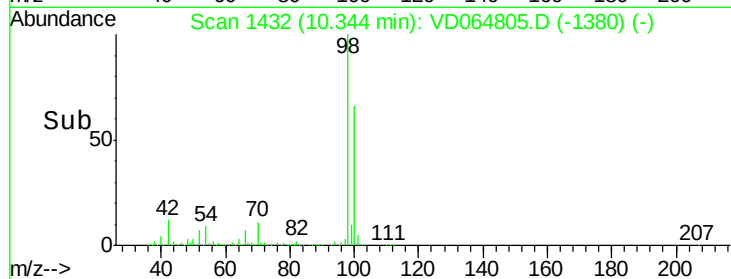
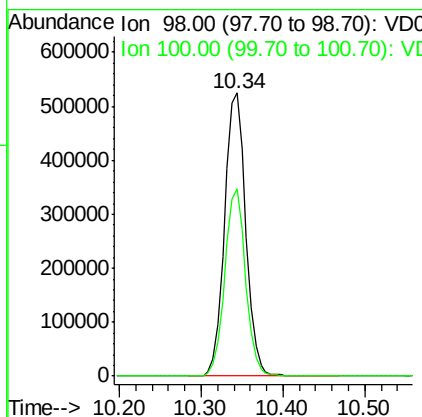
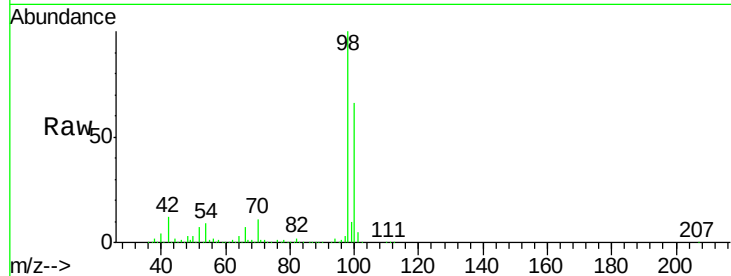




#50
Toluene-d8
Concen: 51.832 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064805.D
Acq: 08 Jan 2020 14:39

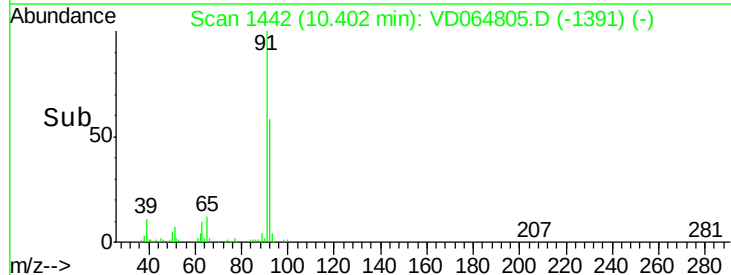
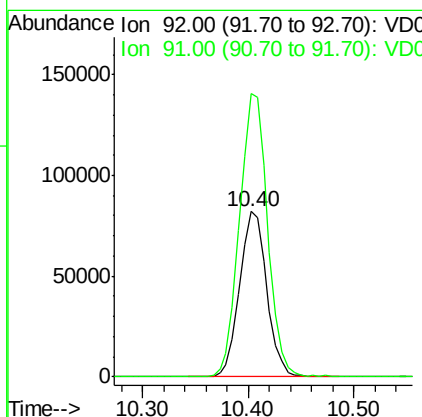
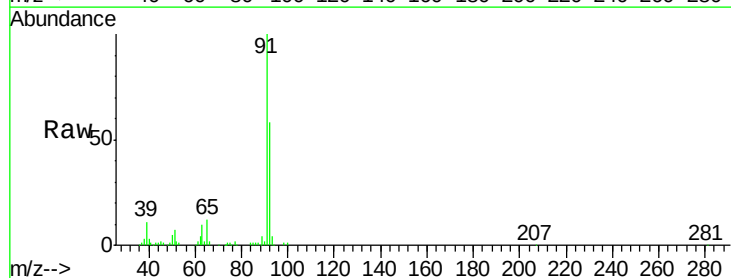
Instrument :
MSVOA_D
ClientSampled :
DI02

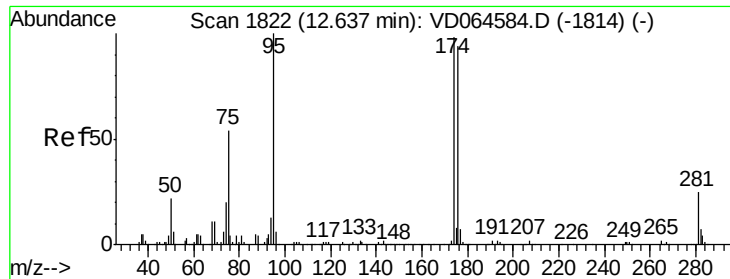
Tgt Ion: 98 Resp: 947128
Ion Ratio Lower Upper
98 100
100 64.7 51.7 77.5



#52
Toluene
Concen: 10.925 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VD064805.D
Acq: 08 Jan 2020 14:39

Tgt Ion: 92 Resp: 146460
Ion Ratio Lower Upper
92 100
91 176.1 138.7 208.1

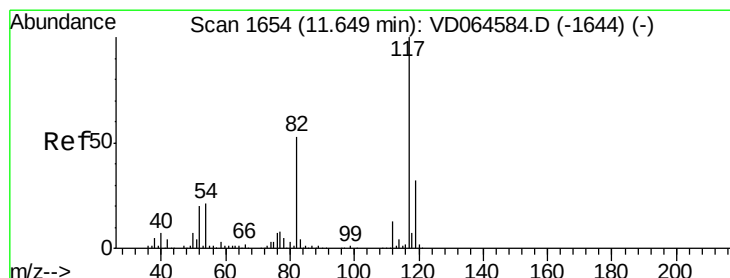
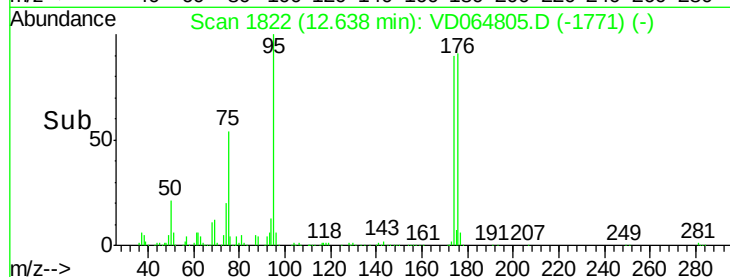
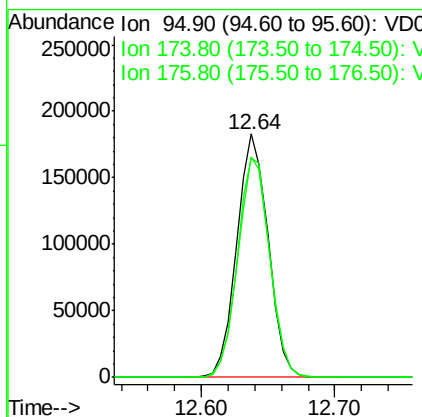
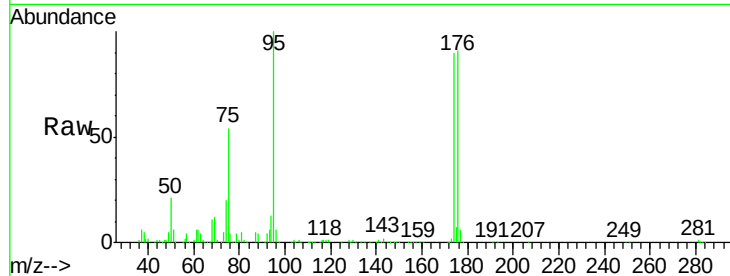




#62
4-Bromofluorobenzene
Concen: 51.327 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064805.D
Acq: 08 Jan 2020 14:39

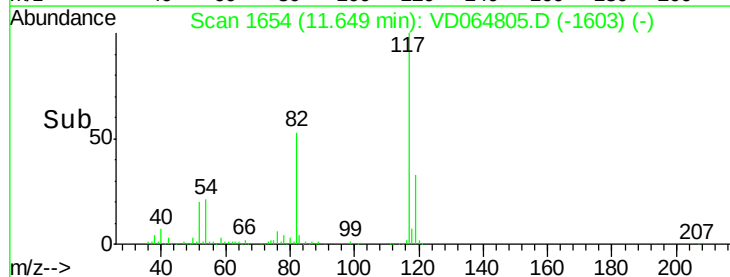
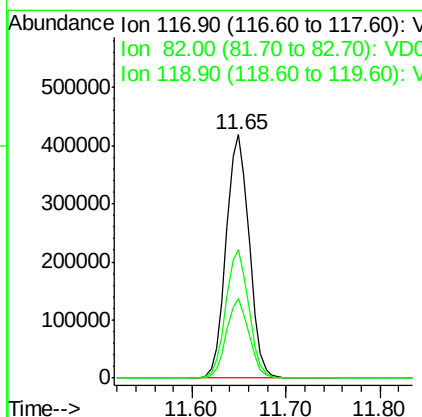
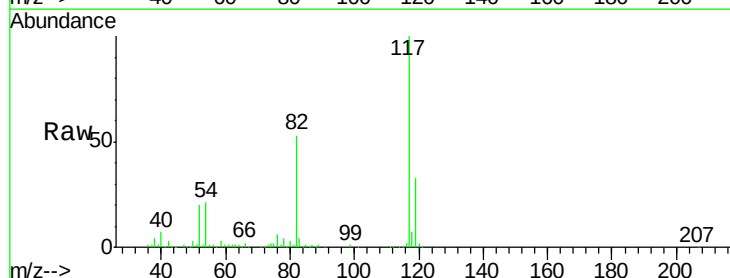
Instrument :
MSVOA_D
ClientSampleId :
DI02

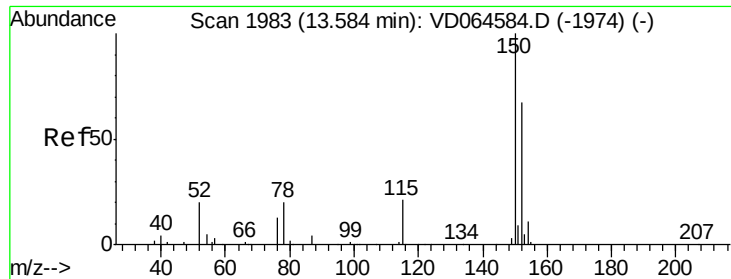
Tgt Ion: 95 Resp: 296573
Ion Ratio Lower Upper
95 100
174 93.0 0.0 193.2
176 91.4 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064805.D
Acq: 08 Jan 2020 14:39

Tgt Ion: 117 Resp: 713230
Ion Ratio Lower Upper
117 100
82 52.8 42.2 63.4
119 32.6 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: VD064805.D

Acq: 08 Jan 2020 14:39

Instrument :

MSVOA_D

ClientSampleId :

DI02

Tgt Ion:152 Resp: 337172

Ion Ratio Lower Upper

152 100

115 54.3 27.8 83.4

150 154.4 0.0 351.4

