

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121119\
 Data File : VD064502.D
 Acq On : 11 Dec 2019 16:13
 Operator : VA/SY
 Sample : K6265-02
 Misc : 7.31G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1A-S2

Quant Time: Dec 12 07:08:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

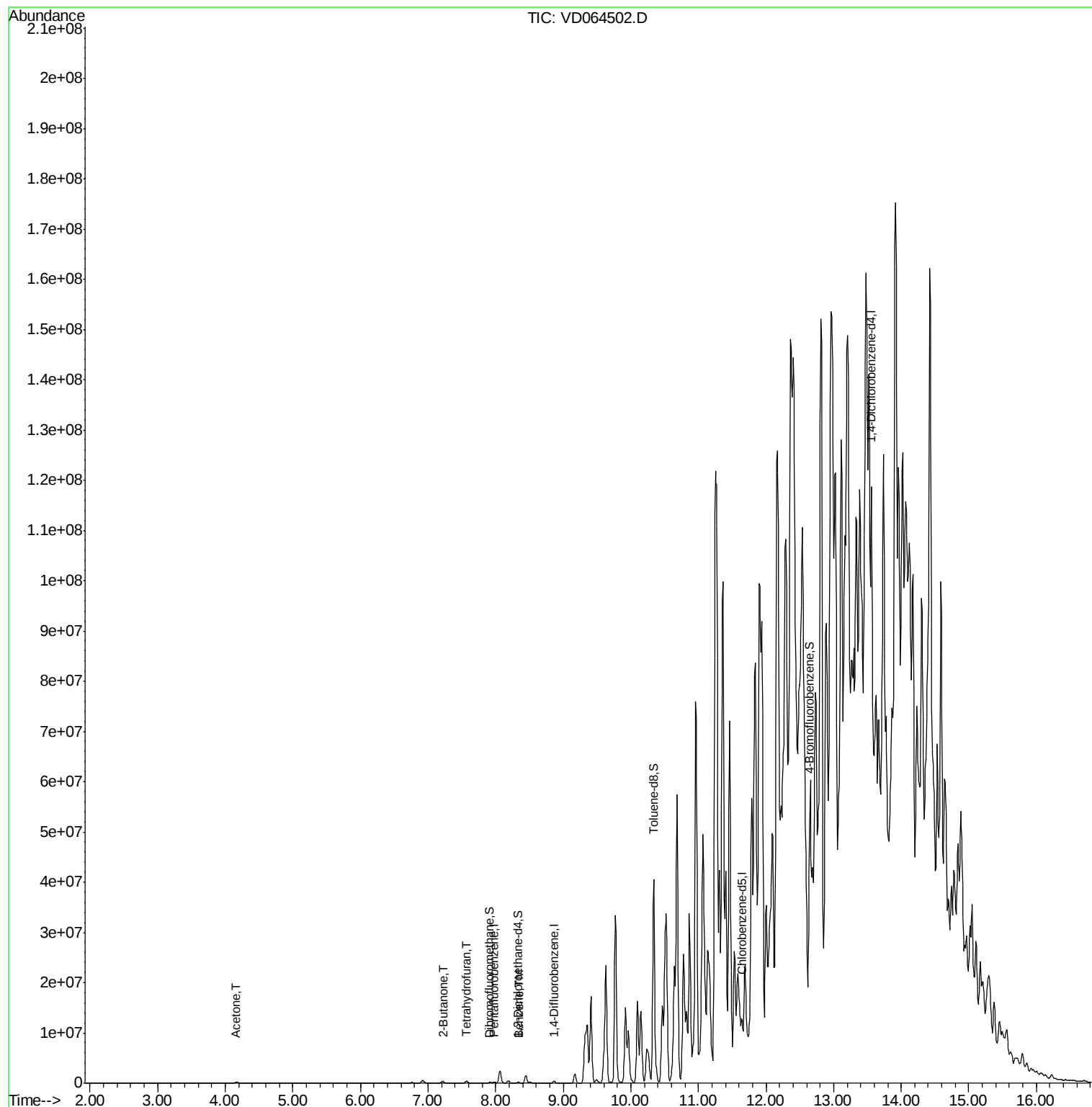
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	219694	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	347431	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	462180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	1476043	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	120540	60.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.24%	
35) Dibromofluoromethane	7.91	113	115227	52.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.28%	
50) Toluene-d8	10.34	98	1936766	234.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	469.76%	
62) 4-Bromofluorobenzene	12.64	95	3811938	1438.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	2877.00%	
Target Compounds						
16) Acetone	4.16	43	364023	905.876	ug/l	100
25) 2-Butanone	7.22	43	632482	1112.948	ug/l	98
29) Tetrahydrofuran	7.57	42	347063	959.898	ug/l	99
40) Benzene	8.35	78	26235	2.874	ug/l	96

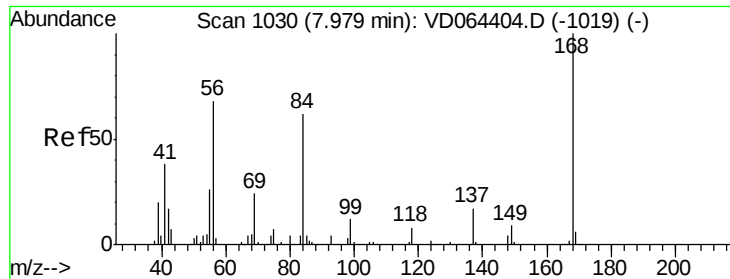
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD121119\
Data File : VD064502.D
Acq On : 11 Dec 2019 16:13
Operator : VA/SY
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TP-1A-S2

Quant Time: Dec 12 07:08:19 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 29 07:18:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD064502.D

Acq: 11 Dec 2019 16:13

Instrument :

MSVOA_D

ClientSampleId :

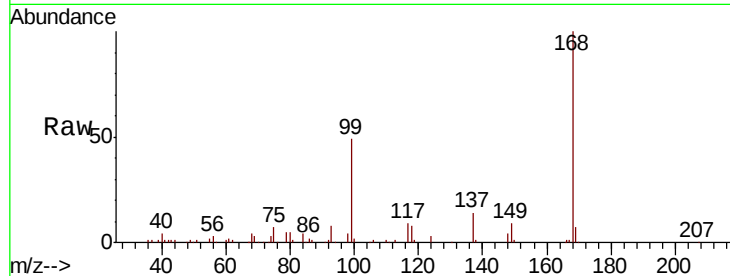
TP-1A-S2

Tot Ion:168 Resp: 219694

Ion Ratio Lower Upper

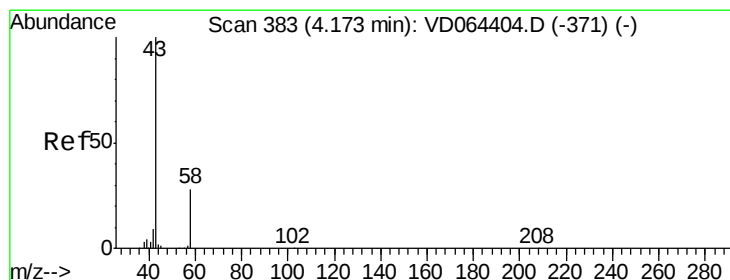
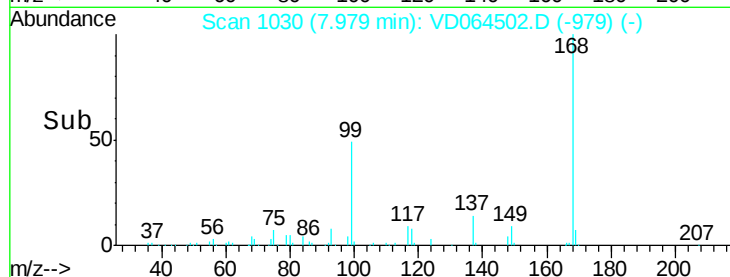
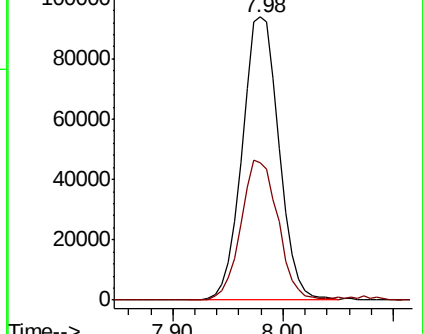
168 100

99 48.6 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 905.876 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064502.D

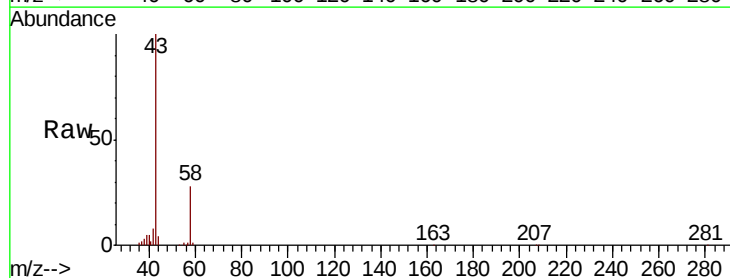
Acq: 11 Dec 2019 16:13

Tgt Ion: 43 Resp: 364023

Ion Ratio Lower Upper

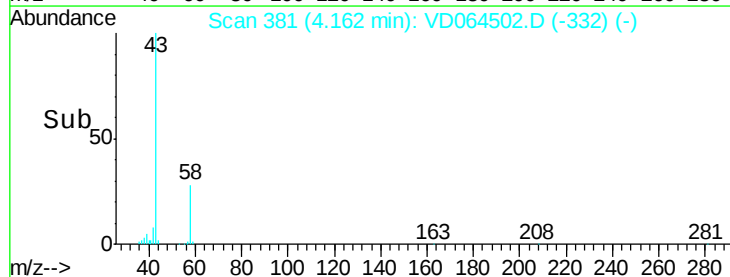
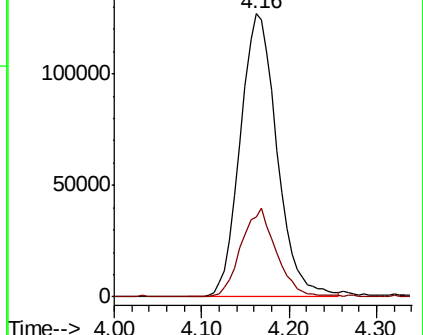
43 100

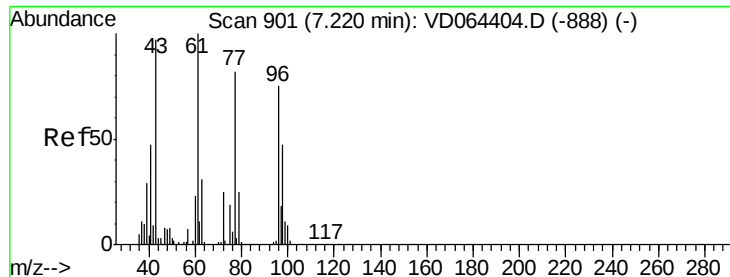
58 28.2 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#25

2-Butanone

Concen: 1112.948 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD064502.D

Acq: 11 Dec 2019 16:13

Instrument :

MSVOA_D

ClientSampled :

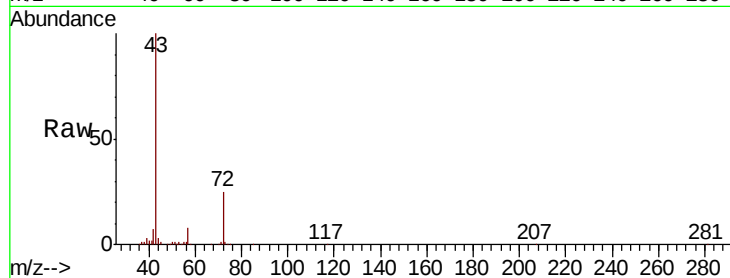
TP-1A-S2

Tot Ion: 43 Resp: 632482

Ion Ratio Lower Upper

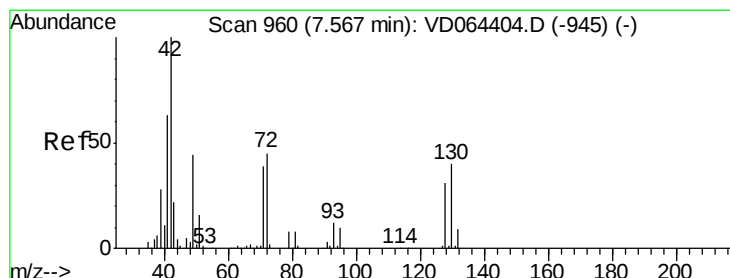
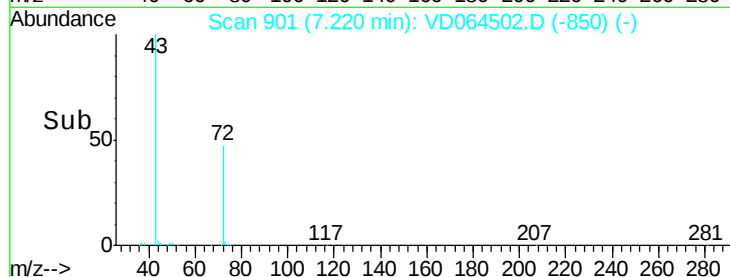
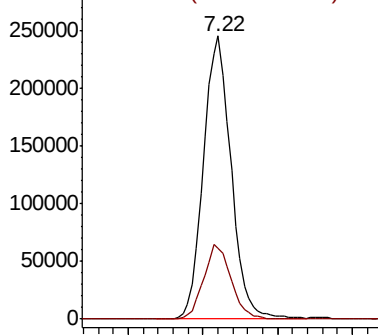
43 100

72 25.0 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#29

Tetrahydrofuran

Concen: 959.898 ug/l

RT: 7.57 min Scan# 960

Delta R.T. 0.00 min

Lab File: VD064502.D

Acq: 11 Dec 2019 16:13

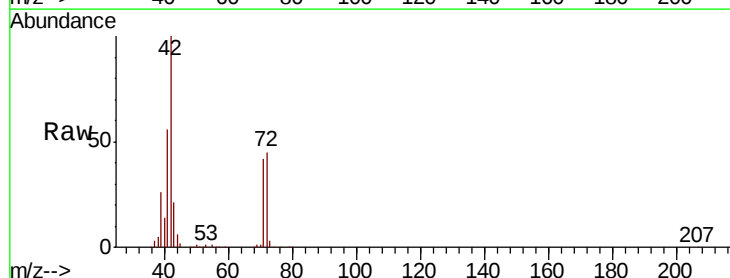
Tgt Ion: 42 Resp: 347063

Ion Ratio Lower Upper

42 100

72 45.0 35.8 53.8

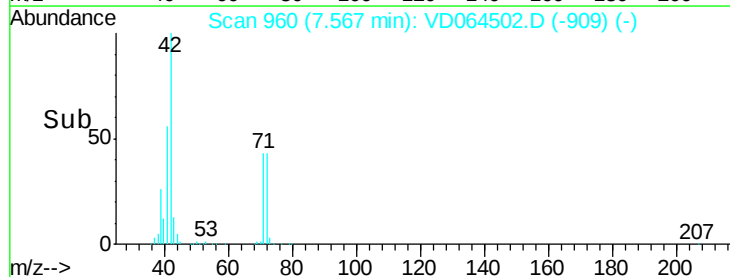
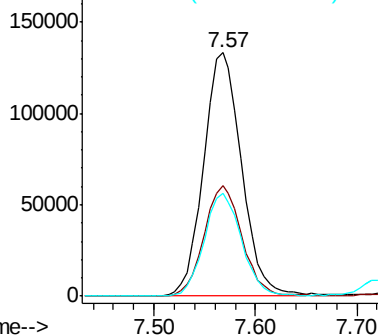
71 41.8 32.7 49.1

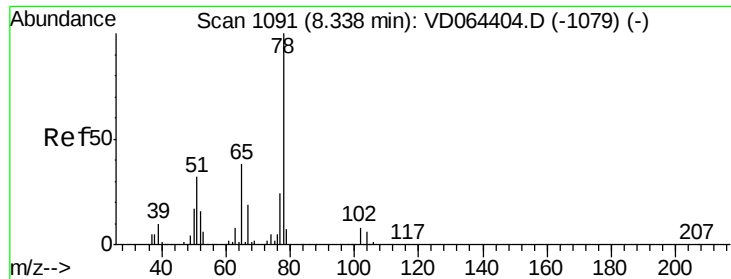


Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 60.617 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064502.D

Acq: 11 Dec 2019 16:13

Instrument :

MSVOA_D

ClientSampleId :

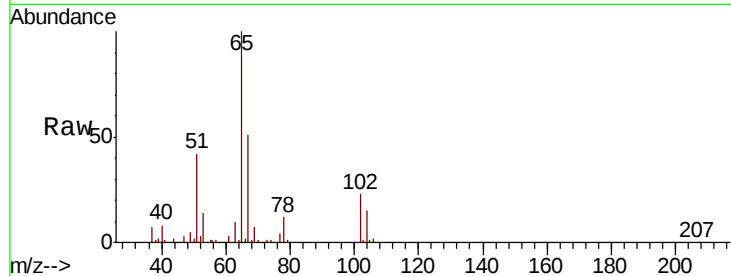
TP-1A-S2

Tot Ion: 65 Resp: 120540

Ion Ratio Lower Upper

65 100

67 51.4 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

60000

50000

40000

30000

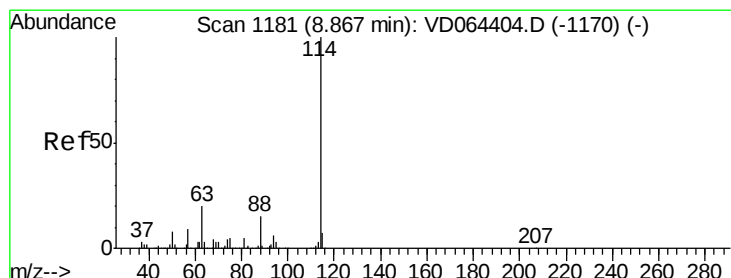
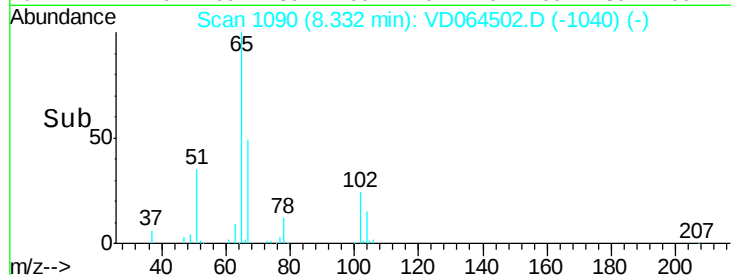
20000

10000

0

8.25 8.30 8.35 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VD064502.D

Acq: 11 Dec 2019 16:13

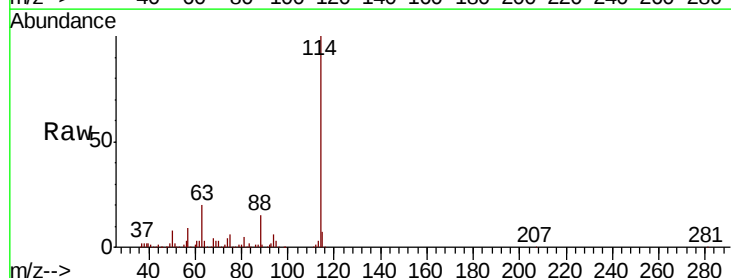
Tgt Ion: 114 Resp: 347431

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.0

88 14.5 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.86

200000

150000

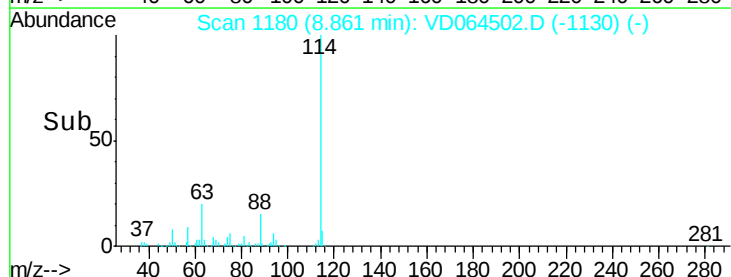
100000

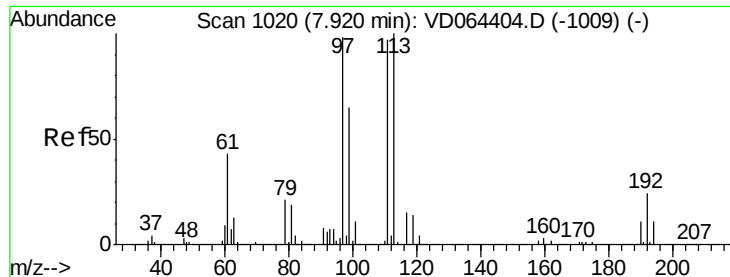
50000

0

8.80 8.90 9.00

Time-->

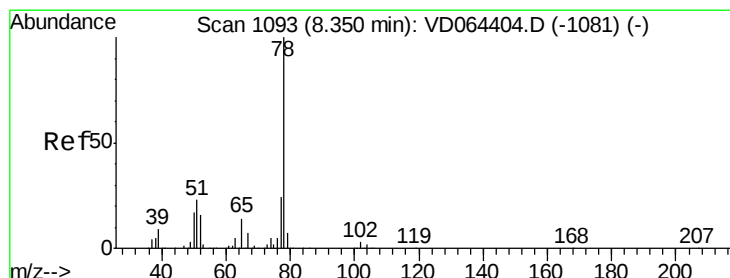
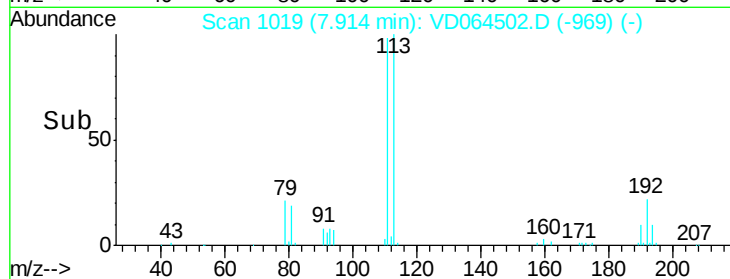
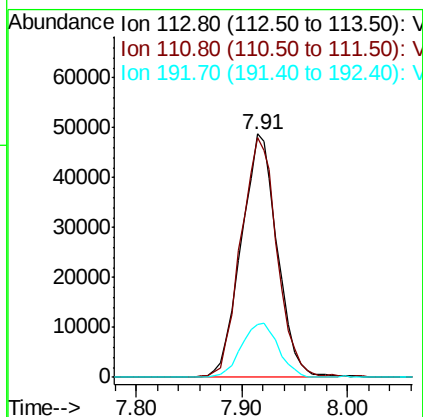
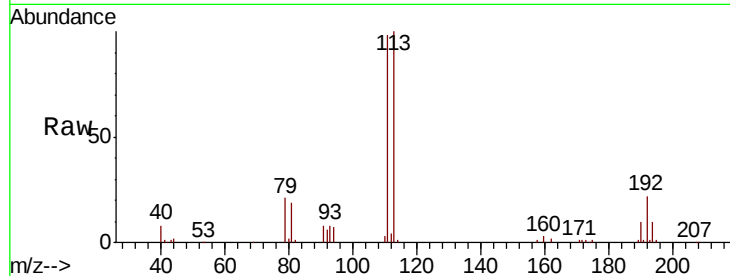




#35
 Dibromofluoromethane
 Concen: 52.639 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD064502.D
 Acq: 11 Dec 2019 16:13

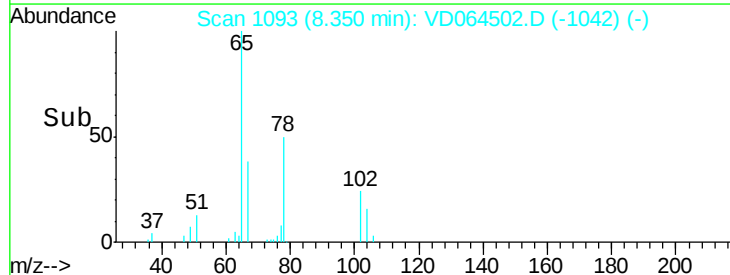
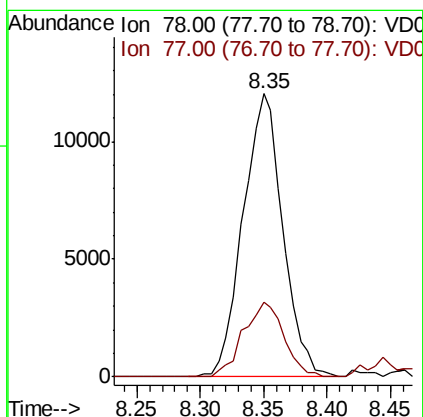
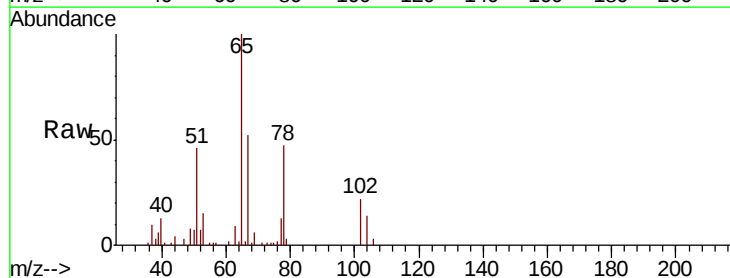
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1A-S2

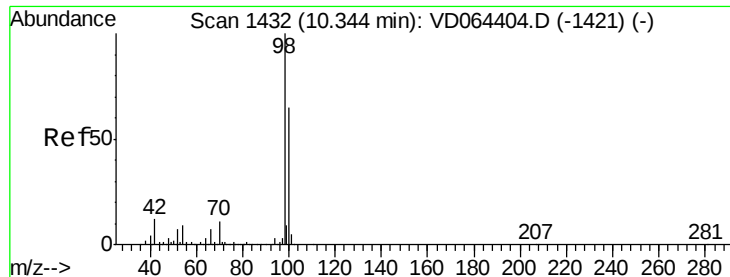
Tot Ion:113 Resp: 115227
 Ion Ratio Lower Upper
 113 100
 111 99.2 79.4 119.2
 192 23.0 18.6 28.0



#40
 Benzene
 Concen: 2.874 ug/l
 RT: 8.35 min Scan# 1093
 Delta R.T. 0.00 min
 Lab File: VD064502.D
 Acq: 11 Dec 2019 16:13

Tgt Ion: 78 Resp: 26235
 Ion Ratio Lower Upper
 78 100
 77 26.6 19.6 29.4





#50

Toluene-d8

Concen: 234.883 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD064502.D

Acq: 11 Dec 2019 16:13

Instrument :

MSVOA_D

ClientSampleId :

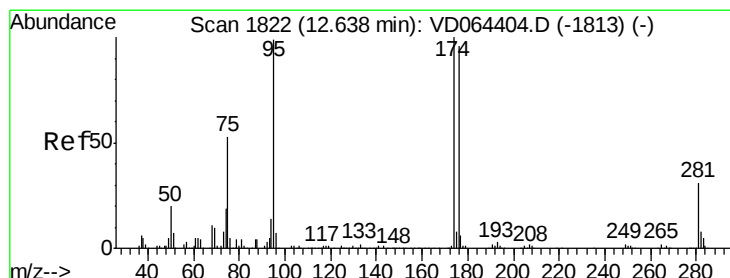
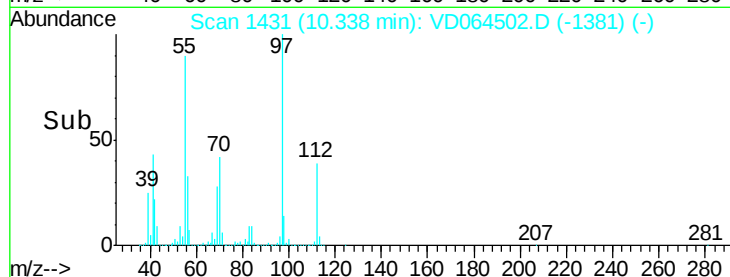
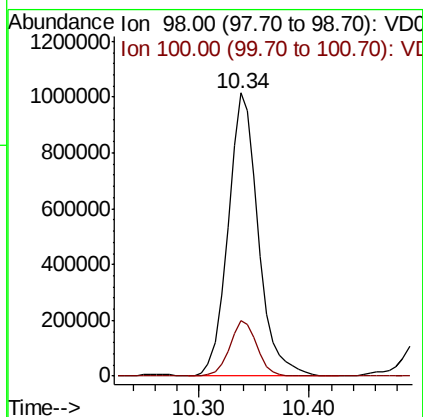
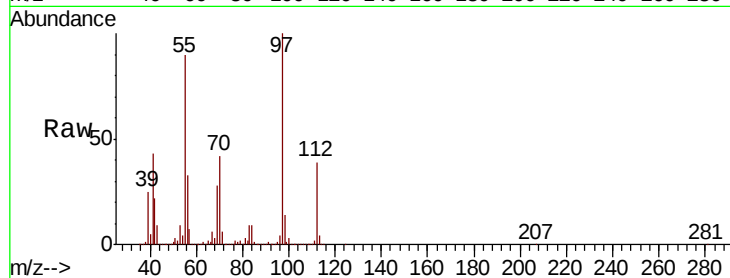
TP-1A-S2

Tot Ion: 98 Resp: 1936766

Ion Ratio Lower Upper

98 100

100 17.7 52.6 79.0#



#62

4-Bromofluorobenzene

Concen: 1438.503 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064502.D

Acq: 11 Dec 2019 16:13

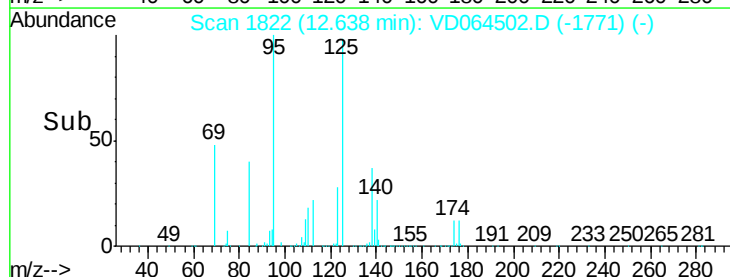
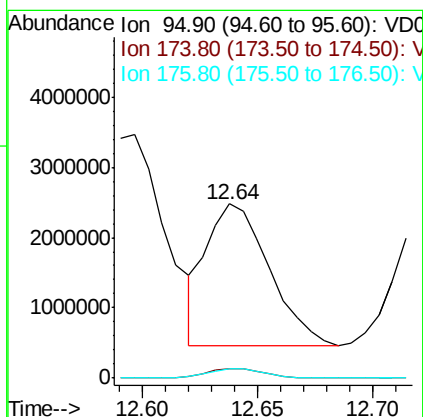
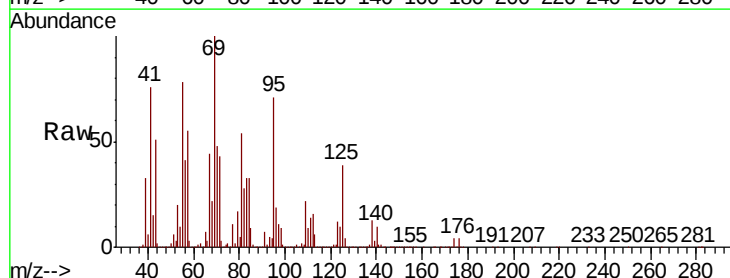
Tgt Ion: 95 Resp: 3811938

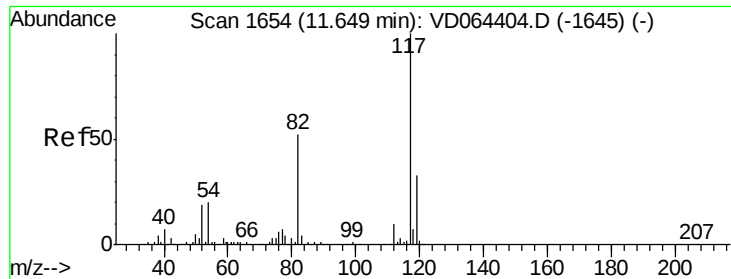
Ion Ratio Lower Upper

95 100

174 6.1 0.0 197.2

176 5.8 0.0 189.6

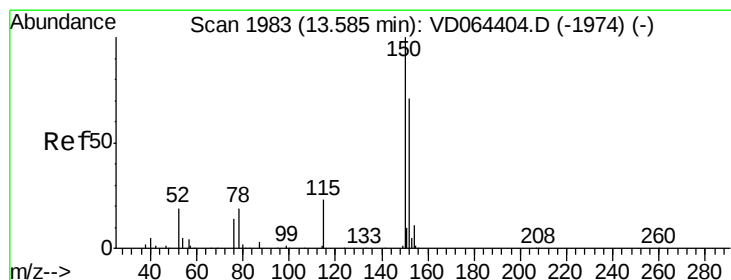
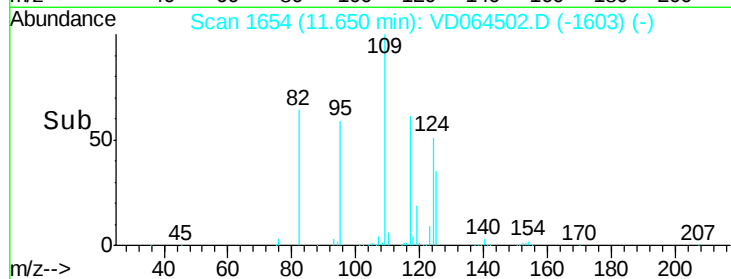
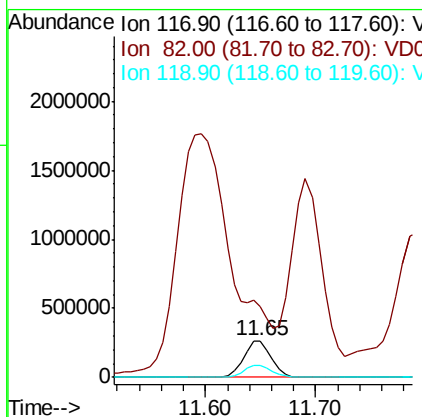
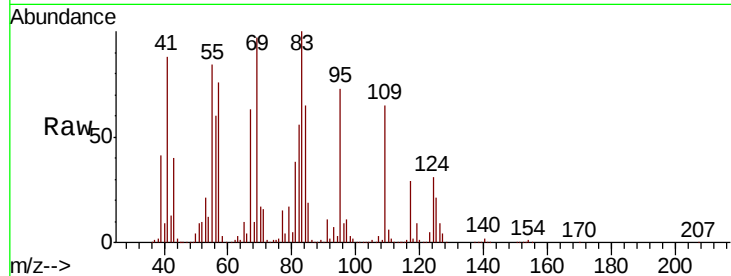




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064502.D
Acq: 11 Dec 2019 16:13

Instrument :
MSVOA_D
ClientSampleId :
TP-1A-S2

Tot Ion:117 Resp: 462180
Ion Ratio Lower Upper
117 100
82 112.1 41.4 62.2#
119 31.8 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1980
Delta R.T. -0.02 min
Lab File: VD064502.D
Acq: 11 Dec 2019 16:13

Tgt Ion:152 Resp: 1476043
Ion Ratio Lower Upper
152 100
115 13.6 26.7 80.1#
150 32.1 0.0 347.2

