

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041320\
 Data File : VD065618.D
 Acq On : 13 Apr 2020 15:49
 Operator : VA/SY
 Sample : L2229-03
 Misc : 5.27G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-39

Quant Time: Apr 14 03:52:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 10 01:39:58 2020
 Response via : Initial Calibration

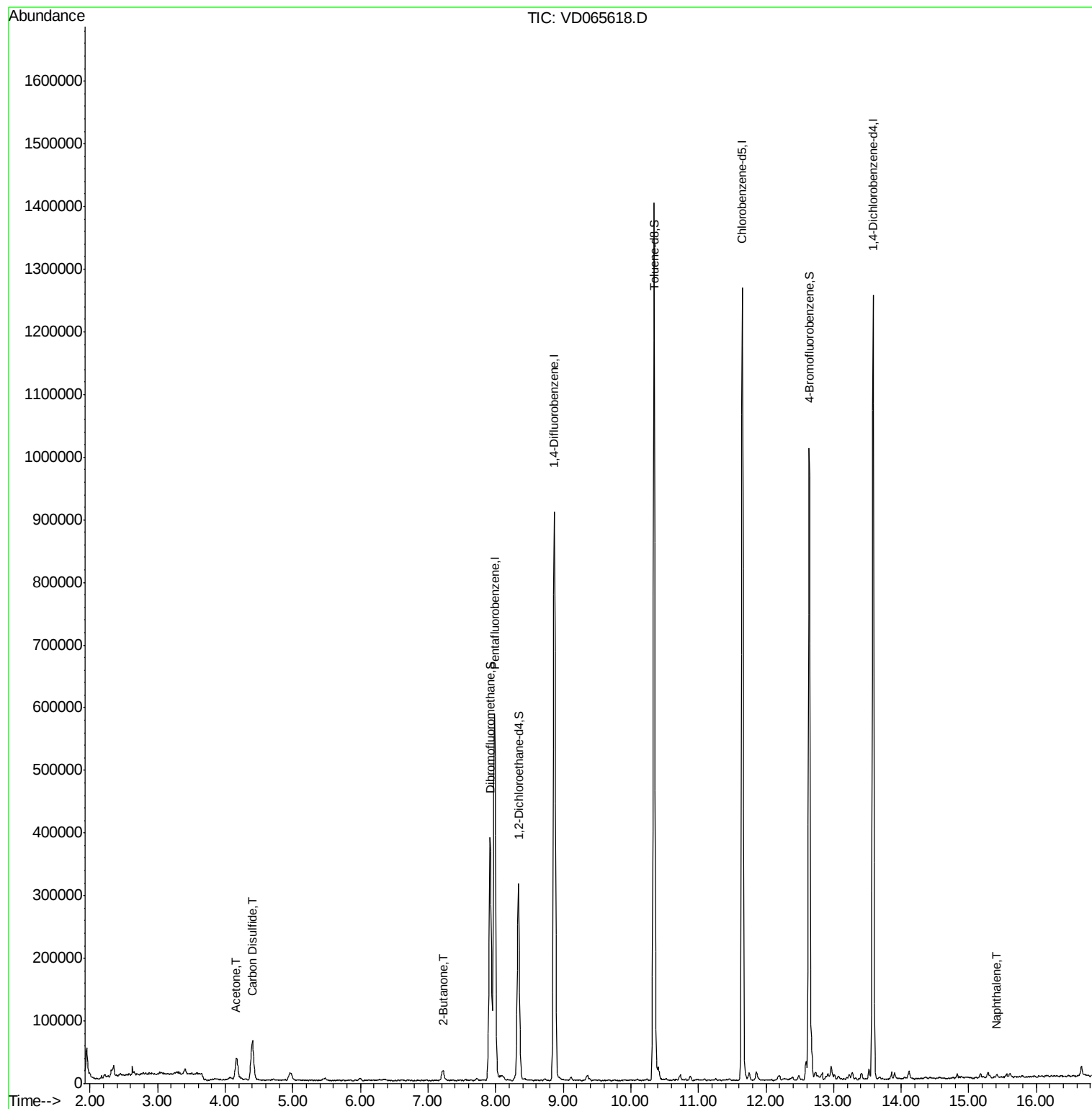
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	466746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	808557	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	763137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	350059	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	252967	57.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.62%	
35) Dibromofluoromethane	7.92	113	281405	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.64%	
50) Toluene-d8	10.34	98	931482	45.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.32%	
62) 4-Bromofluorobenzene	12.64	95	321634	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
Target Compounds						
16) Acetone	4.16	43	63957	80.236	ug/l	99
17) Carbon Disulfide	4.40	76	139040	9.338	ug/l	99
25) 2-Butanone	7.23	43	18677	17.119	ug/l	93
95) Naphthalene	15.41	128	4819	4.380	ug/l	97

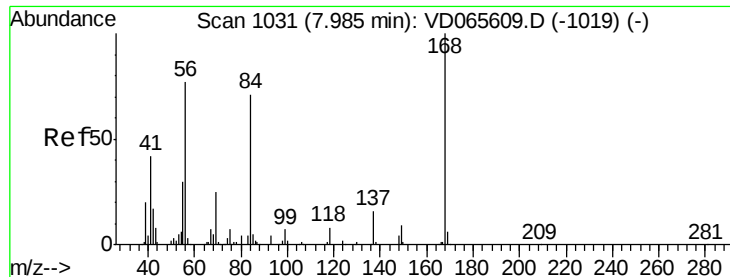
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 10 01:39:58 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065618.D

Acq: 13 Apr 2020 15:49

Instrument :

MSVOA_D

ClientSampleId :

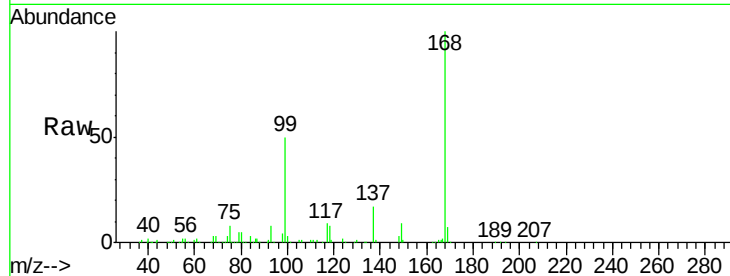
TP-39

Tot Ion:168 Resp: 466746

Ion Ratio Lower Upper

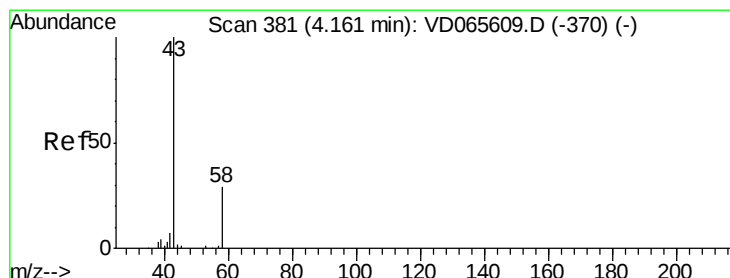
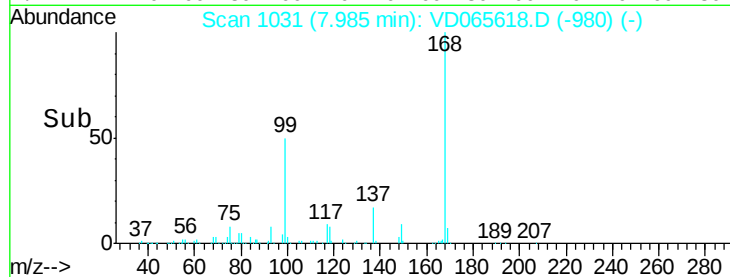
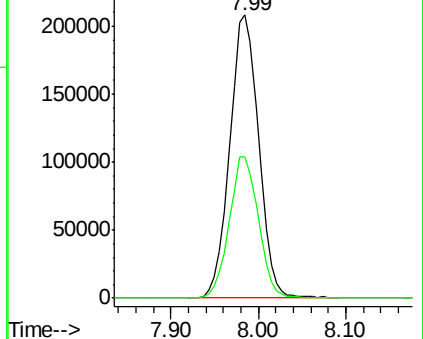
168 100

99 49.8 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 80.236 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.00 min

Lab File: VD065618.D

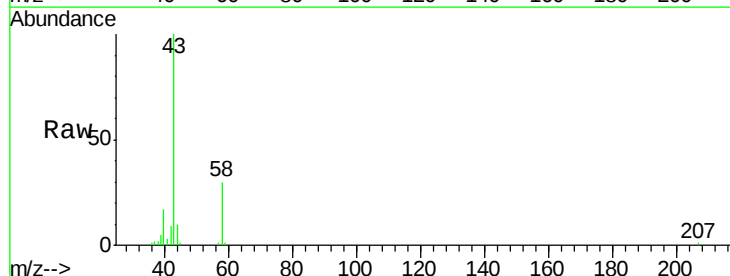
Acq: 13 Apr 2020 15:49

Tgt Ion: 43 Resp: 63957

Ion Ratio Lower Upper

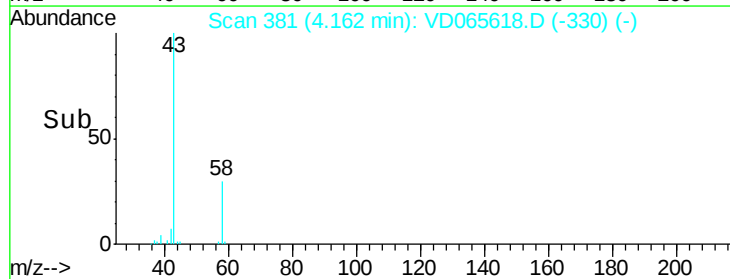
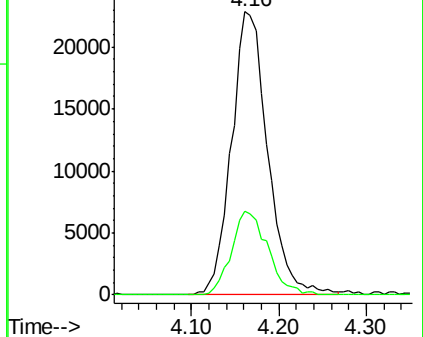
43 100

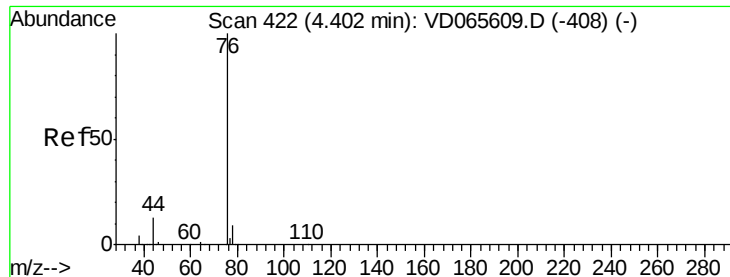
58 29.6 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 9.338 ug/l

RT: 4.40 min Scan# 422

Delta R.T. 0.00 min

Lab File: VD065618.D

Acq: 13 Apr 2020 15:49

Instrument :

MSVOA_D

ClientSampled :

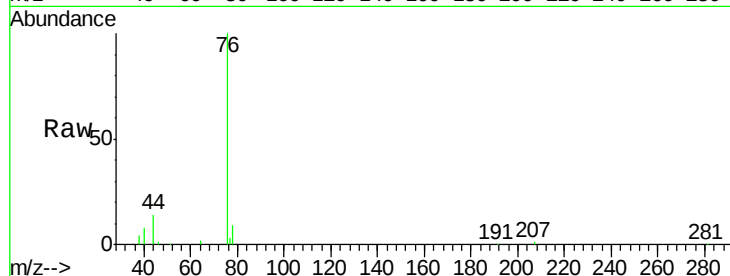
TP-39

Tot Ion: 76 Resp: 139040

Ion Ratio Lower Upper

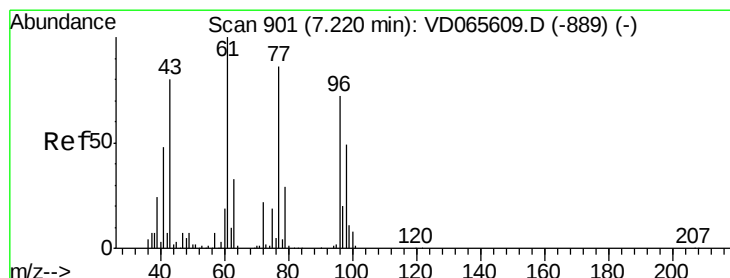
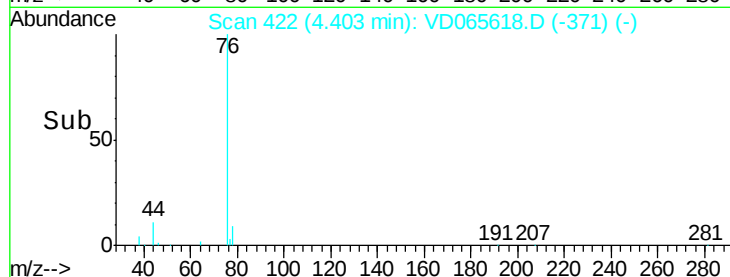
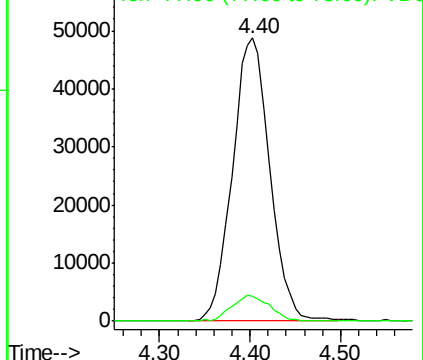
76 100

78 8.8 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#25

2-Butanone

Concen: 17.119 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.01 min

Lab File: VD065618.D

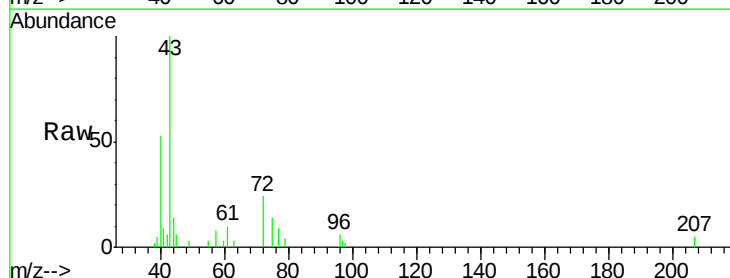
Acq: 13 Apr 2020 15:49

Tgt Ion: 43 Resp: 18677

Ion Ratio Lower Upper

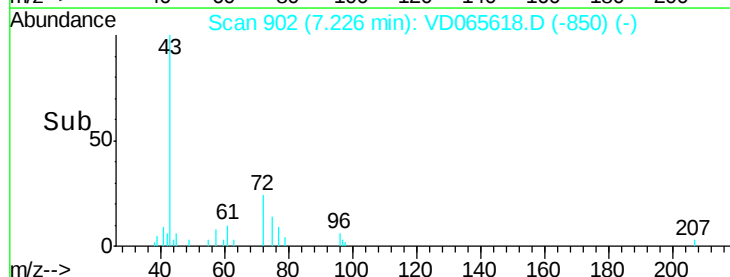
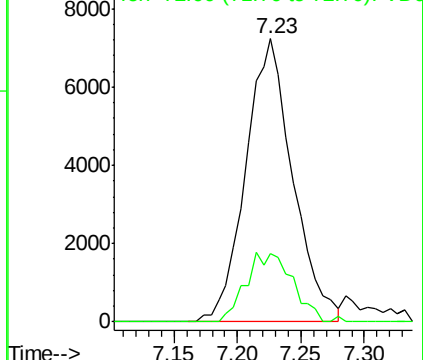
43 100

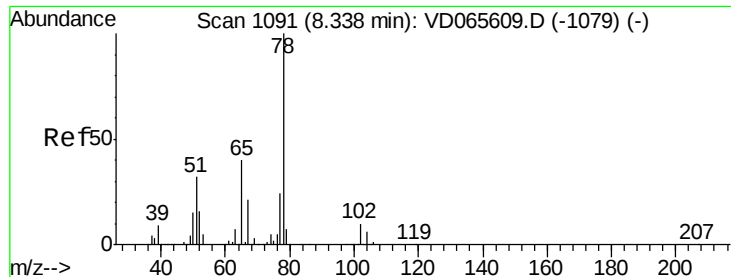
72 24.3 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

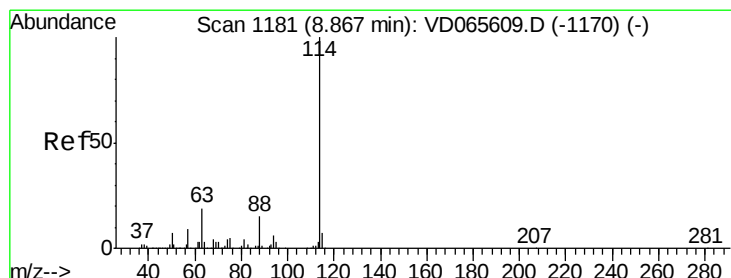
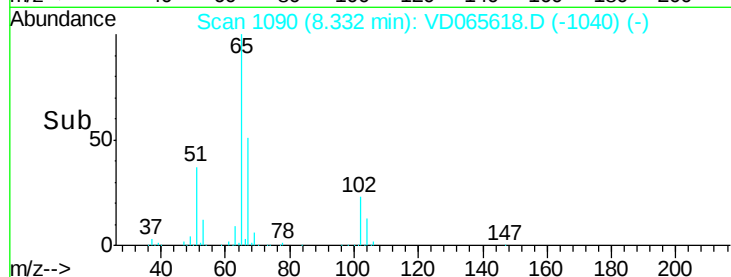
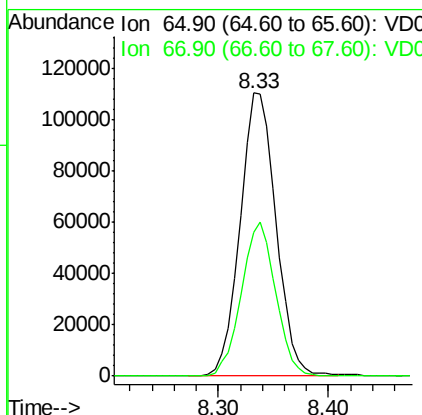
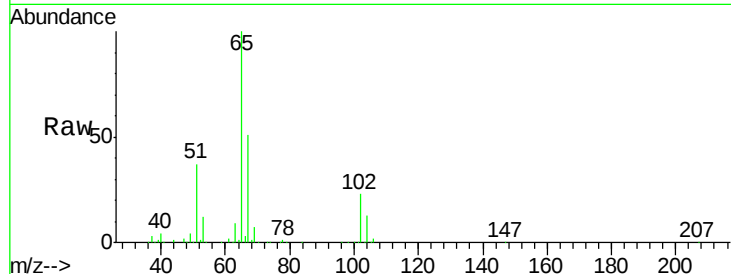




#33
 1,2-Dichloroethane-d4
 Concen: 57.306 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD065618.D
 Acq: 13 Apr 2020 15:49

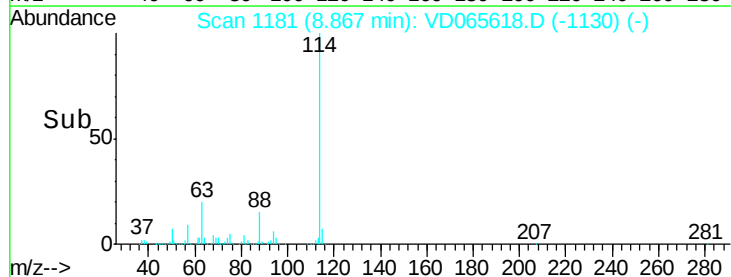
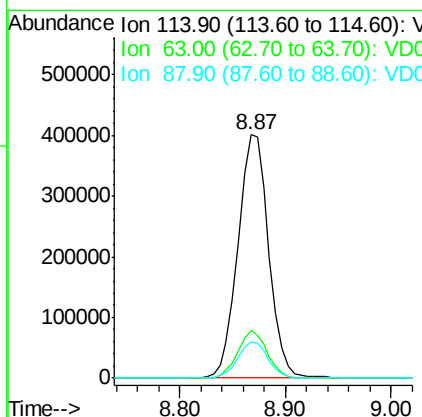
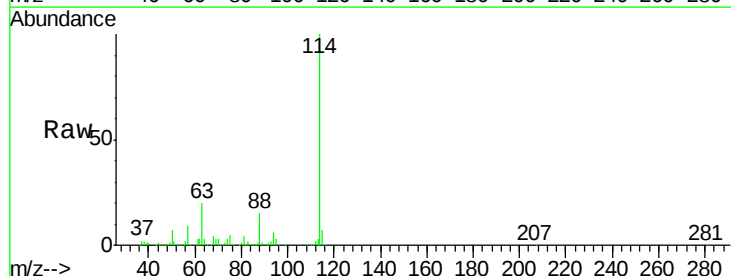
Instrument :
 MSVOA_D
 ClientSampleID :
 TP-39

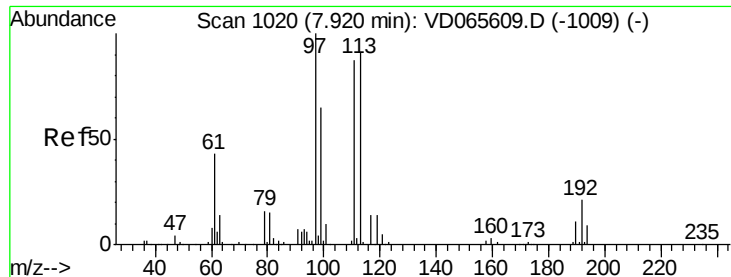
Tot Ion: 65 Resp: 252967
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065618.D
 Acq: 13 Apr 2020 15:49

Tgt Ion: 114 Resp: 808557
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.2
 88 15.0 0.0 29.6

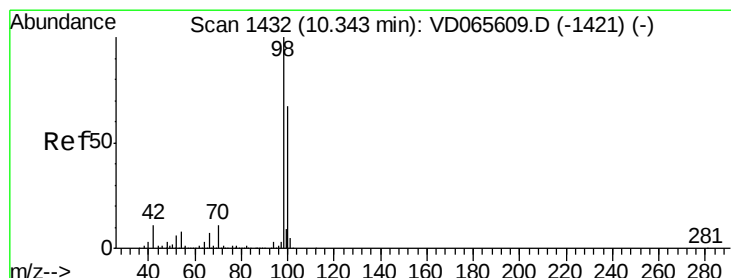
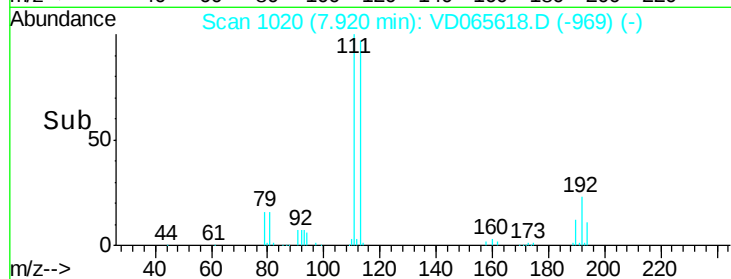
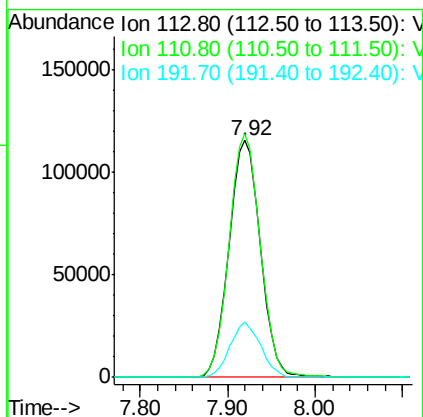
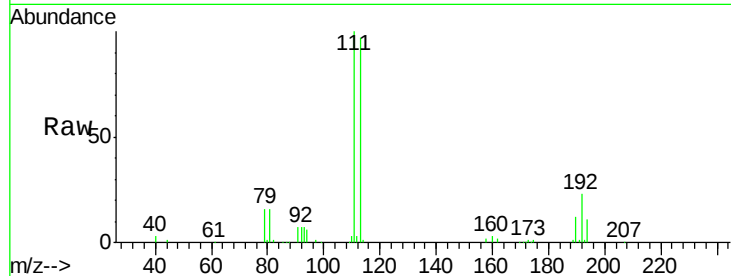




#35
 Dibromofluoromethane
 Concen: 49.817 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065618.D
 Acq: 13 Apr 2020 15:49

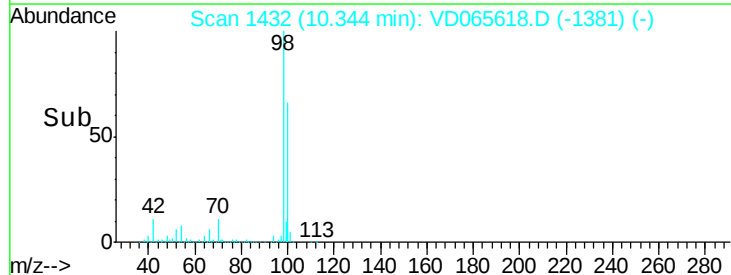
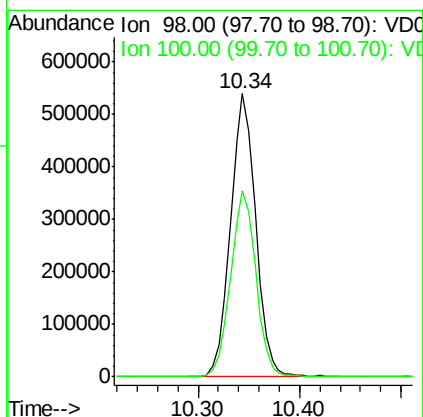
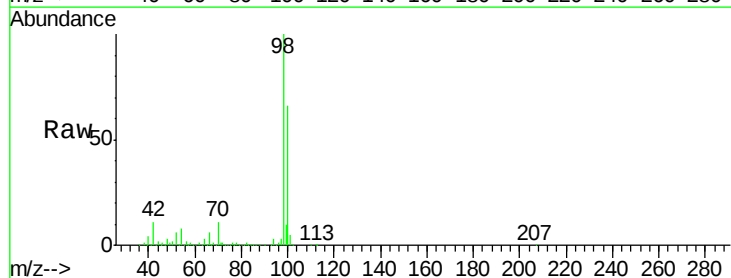
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-39

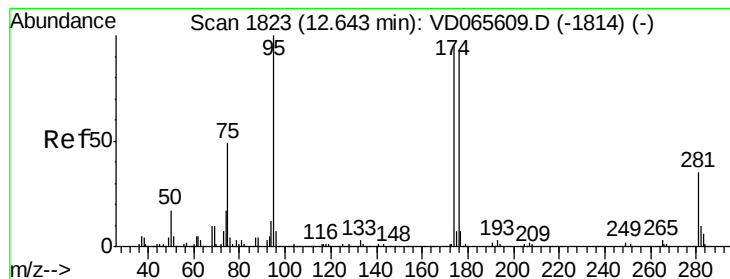
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	80.6	120.8
192	22.6	18.6	27.8



#50
 Toluene-d8
 Concen: 45.156 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD065618.D
 Acq: 13 Apr 2020 15:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.6	79.0





#62

4-Bromofluorobenzene

Concen: 48.522 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.01 min

Lab File: VD065618.D

Acq: 13 Apr 2020 15:49

Instrument :

MSVOA_D

ClientSampled :

TP-39

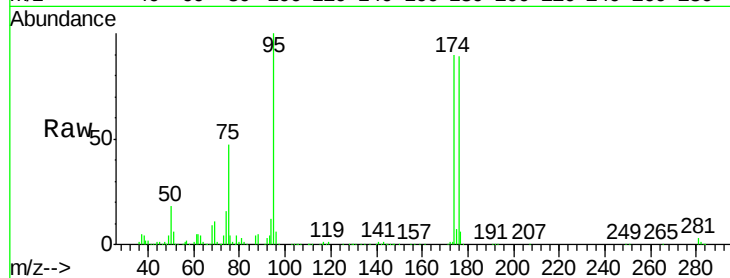
Tot Ion: 95 Resp: 321634

Ion Ratio Lower Upper

95 100

174 91.5 0.0 182.8

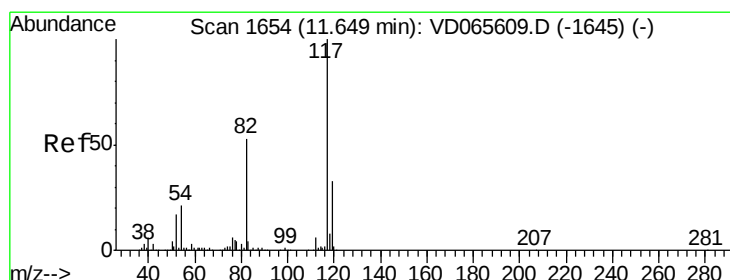
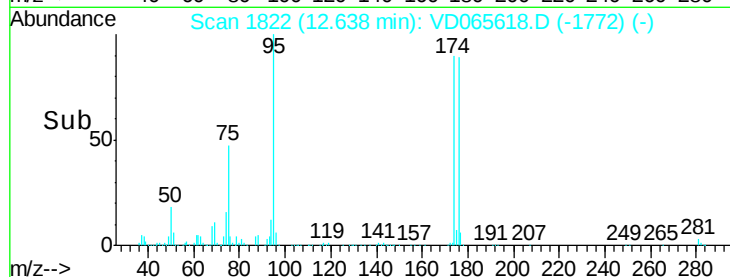
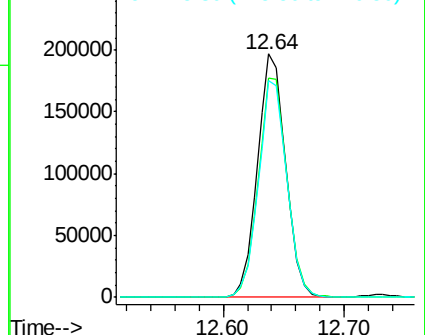
176 89.3 0.0 176.6



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD065618.D

Acq: 13 Apr 2020 15:49

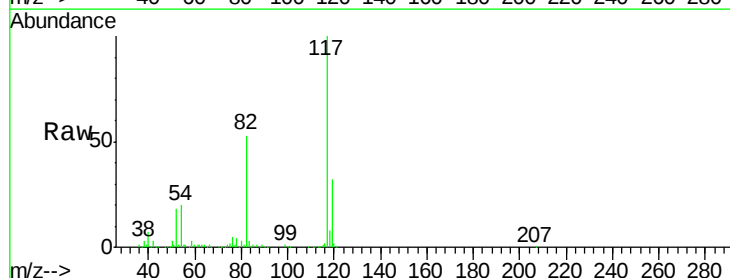
Tgt Ion: 117 Resp: 763137

Ion Ratio Lower Upper

117 100

82 53.0 42.6 64.0

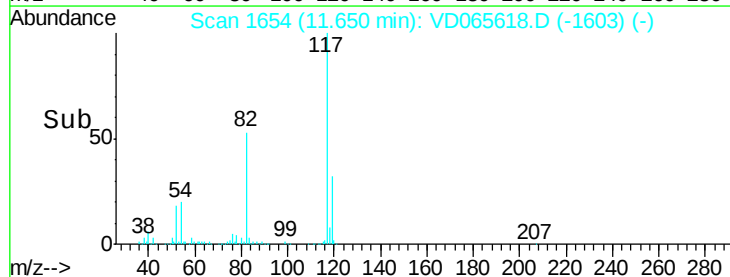
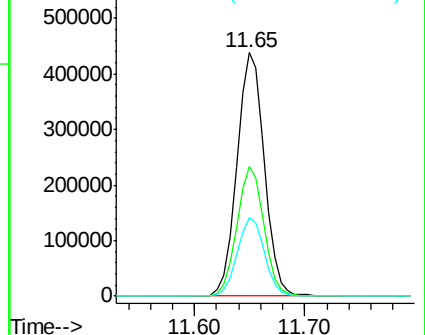
119 32.0 26.7 40.1

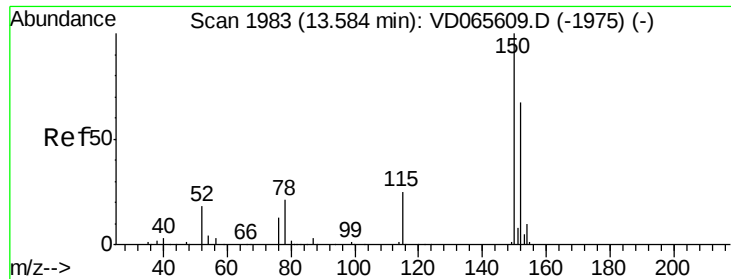


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



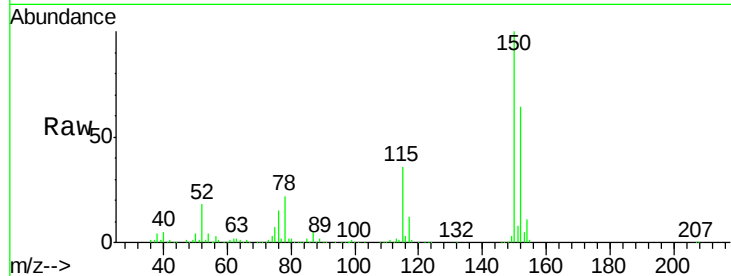


#72

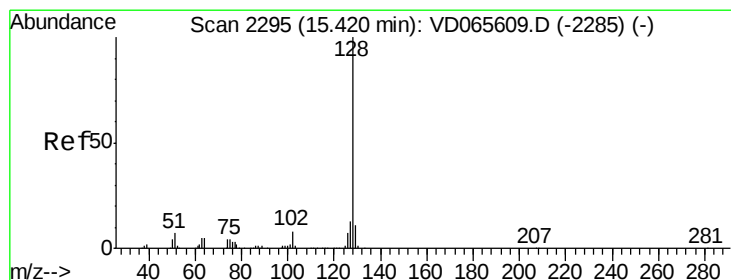
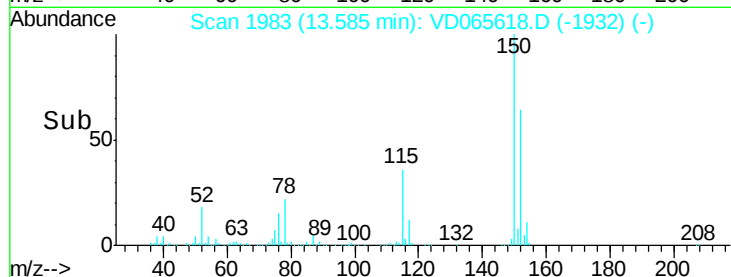
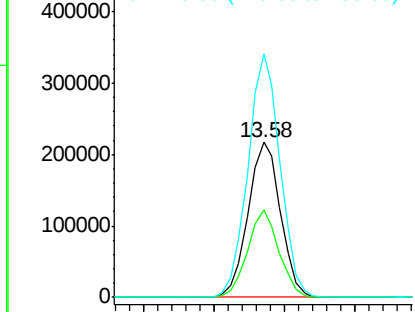
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065618.D
Acq: 13 Apr 2020 15:49

Instrument :
MSVOA_D
ClientSampleId :
TP-39

Tot Ion:152 Resp: 350059
Ion Ratio Lower Upper
152 100
115 54.2 27.1 81.2
150 155.1 0.0 348.2



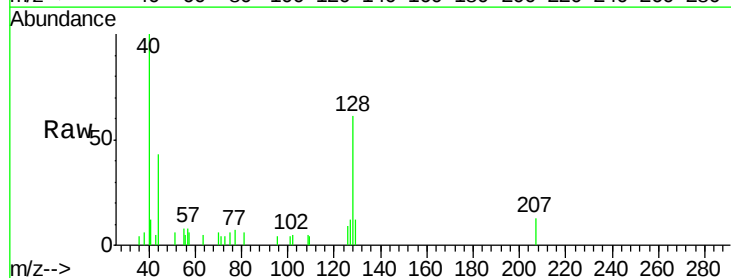
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 4.380 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VD065618.D
Acq: 13 Apr 2020 15:49

Tgt Ion:128 Resp: 4819
Ion Ratio Lower Upper
128 100
127 14.5 10.6 15.8
129 9.8 8.4 12.6



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

