

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040319\
 Data File : VD061562.D
 Acq On : 3 Apr 2019 18:19
 Operator : VA/AP
 Sample : K2209-02
 Misc : 5.54g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 04 01:50:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

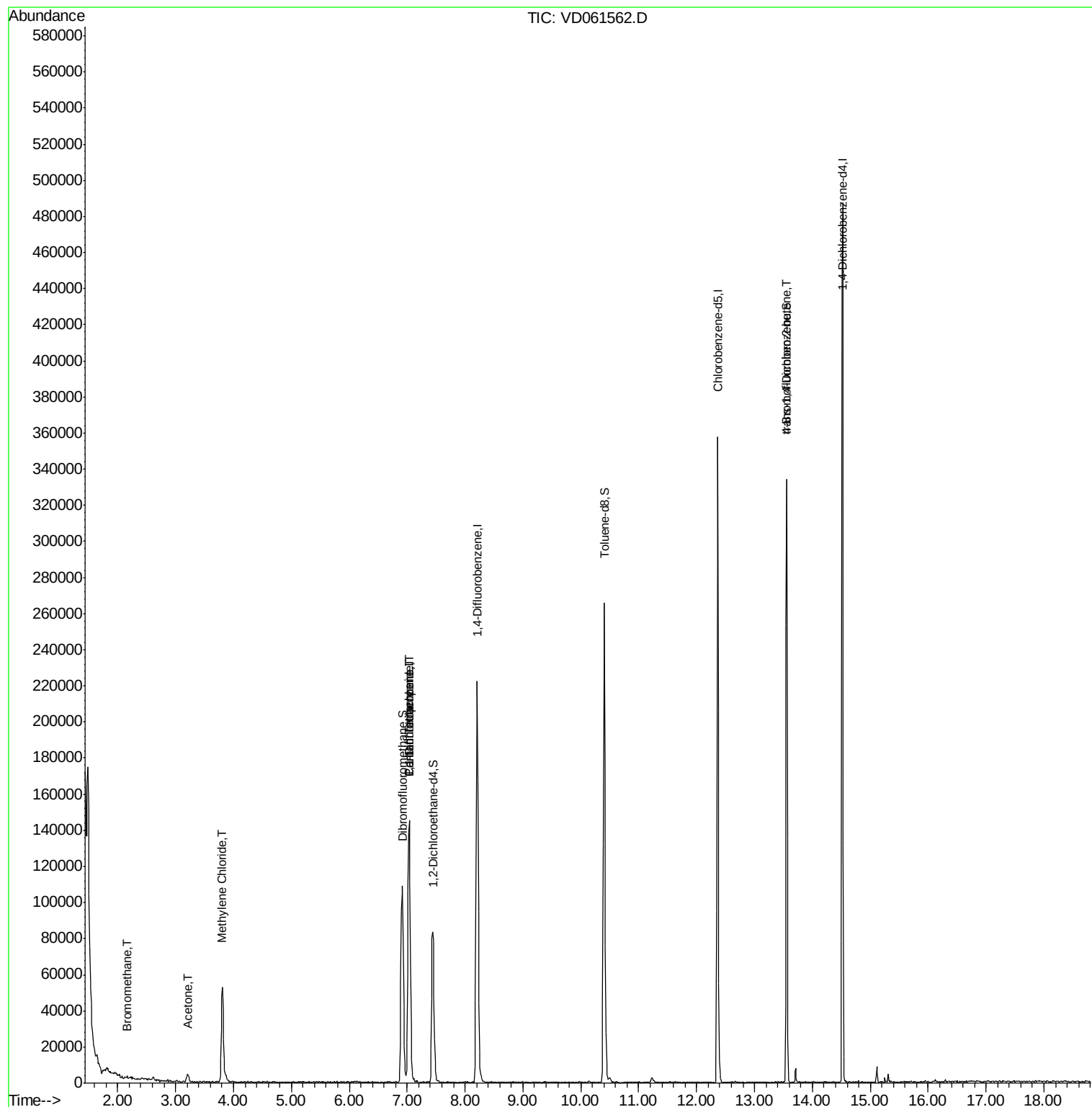
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	156140	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.21	114	276544	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.36	117	233875	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	125839	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	88409	66.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	132.56%	
35) Dibromofluoromethane	6.92	113	111338	52.68	ug/l	0.02
Spiked Amount 50.000			Recovery	=	105.36%	
50) Toluene-d8	10.41	98	230677	45.51	ug/l	0.02
Spiked Amount 50.000			Recovery	=	91.02%	
62) 4-Bromofluorobenzene	13.56	95	107863	55.49	ug/l	0.01
Spiked Amount 50.000			Recovery	=	110.98%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.17	94	341	1.377	ug/l #	10
16) Acetone	3.21	43	8789	25.633	ug/l	95
20) Methylene Chloride	3.81	84	37822	18.480	ug/l	97
36) 1,1-Dichloropropene	7.03	75	11539	4.781	ug/l #	38
38) Carbon Tetrachloride	7.04	117	15016	5.414	ug/l #	17
81) trans-1,4-Dichloro-2-buten	13.56	75	38776	69.962	ug/l #	18

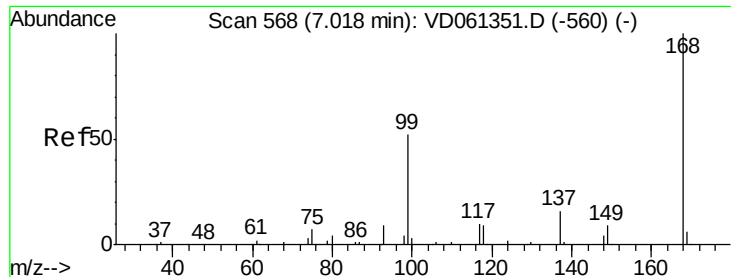
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040319\
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Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.02 min

Lab File: VD061562.D

Acq: 3 Apr 2019 18:19

Instrument :

MSVOA_D

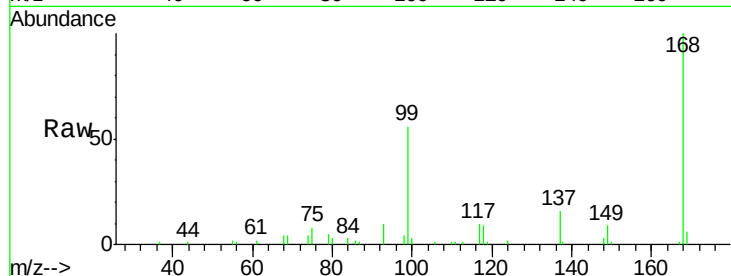
ClientSampled :

Tot Ion:168 Resp: 156140

Ion Ratio Lower Upper

168 100

99 55.8 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

60000

50000

40000

30000

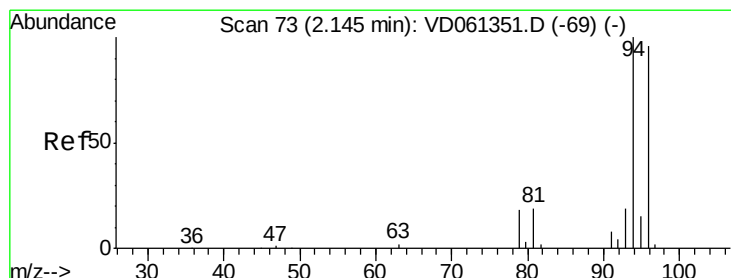
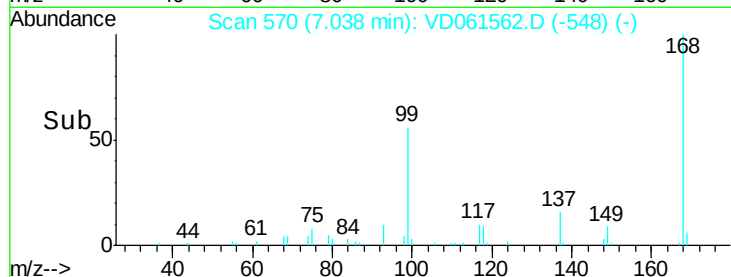
20000

10000

0

Time-->

6.90 7.00 7.10 7.20



#5

Bromomethane

Concen: 1.377 ug/l

RT: 2.17 min Scan# 75

Delta R.T. 0.02 min

Lab File: VD061562.D

Acq: 3 Apr 2019 18:19

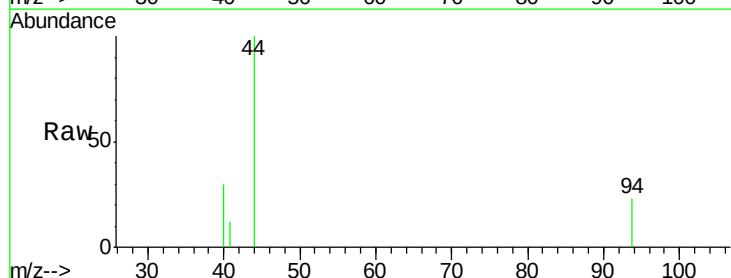
Tgt Ion: 94 Resp: 341

Ion Ratio Lower Upper

94 100

96 0.0 78.3 117.5#

93 0.0 15.6 23.4#



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC

800

600

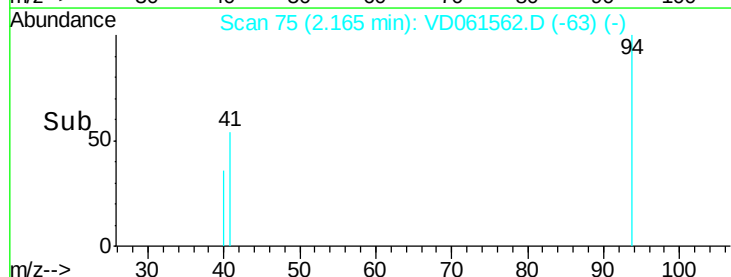
400

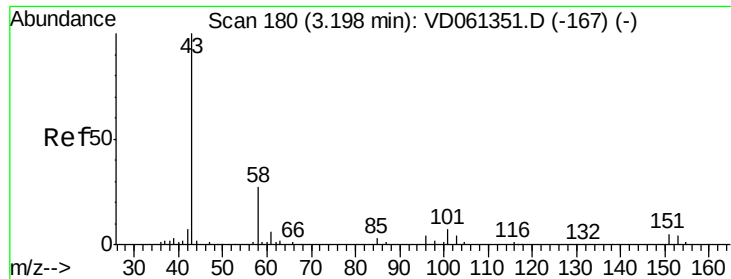
200

0

Time-->

2.14 2.16 2.18





#16

Acetone

Concen: 25.633 ug/l

RT: 3.21 min Scan# 181

Delta R.T. 0.01 min

Lab File: VD061562.D

Acq: 3 Apr 2019 18:19

Instrument :

MSVOA_D

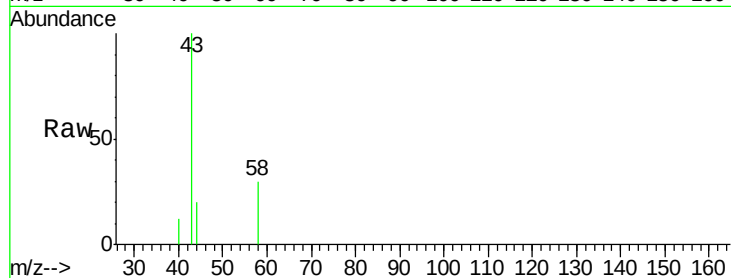
ClientSampleId :

Tot Ion: 43 Resp: 8789

Ion Ratio Lower Upper

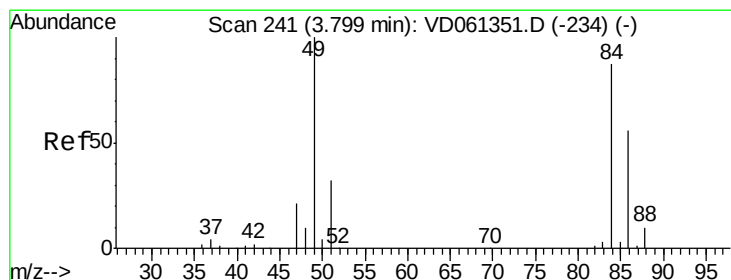
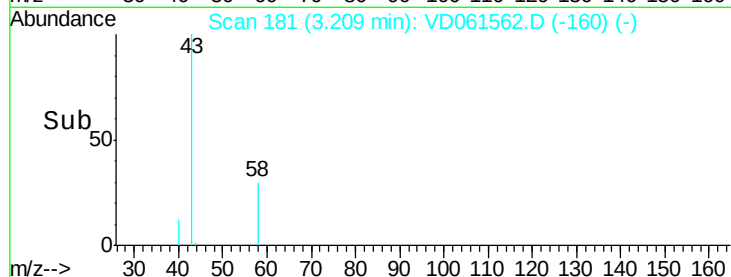
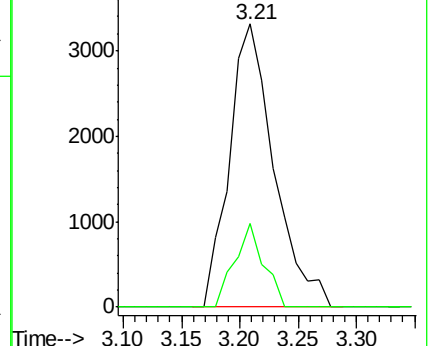
43 100

58 29.6 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: 18.480 ug/l

RT: 3.81 min Scan# 242

Delta R.T. 0.01 min

Lab File: VD061562.D

Acq: 3 Apr 2019 18:19

Tgt Ion: 84 Resp: 37822

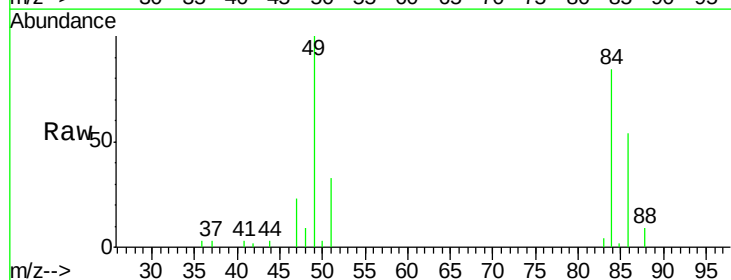
Ion Ratio Lower Upper

84 100

49 119.0 91.8 137.8

51 38.9 29.8 44.8

86 64.0 51.8 77.6

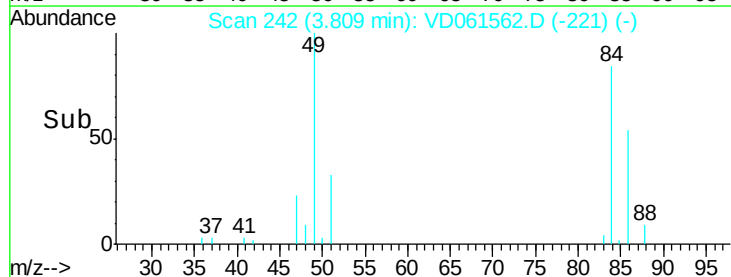
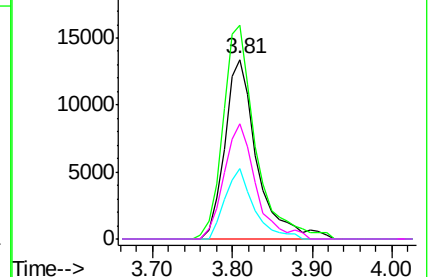


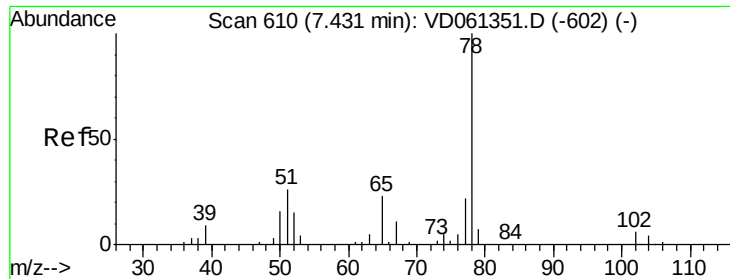
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

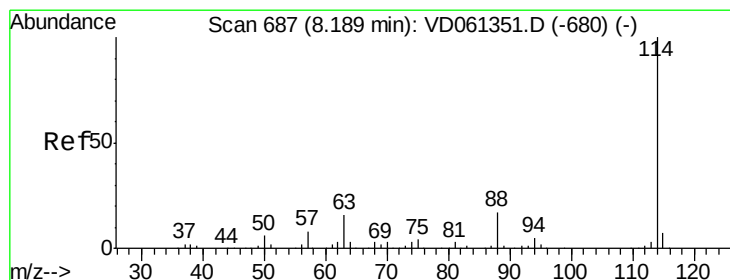
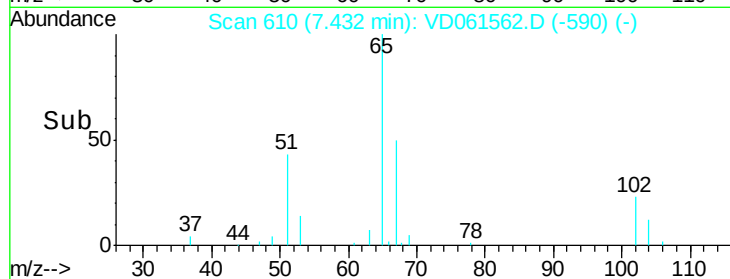
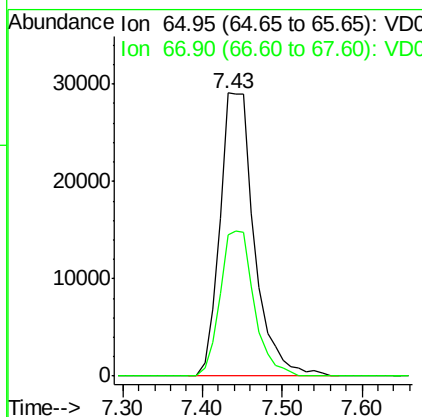
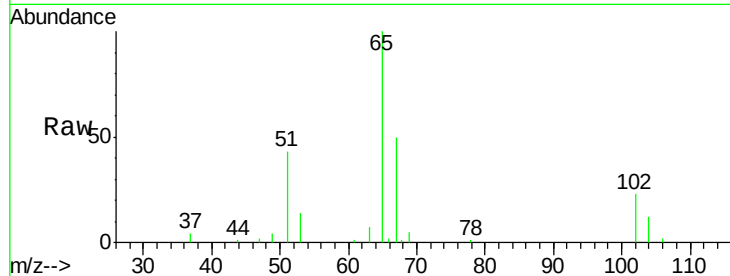




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.43 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VD061562.D
 Acq: 3 Apr 2019 18:19

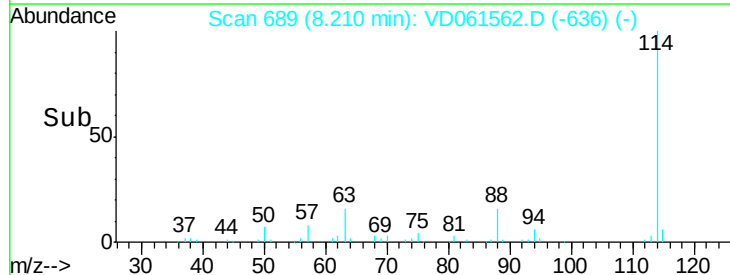
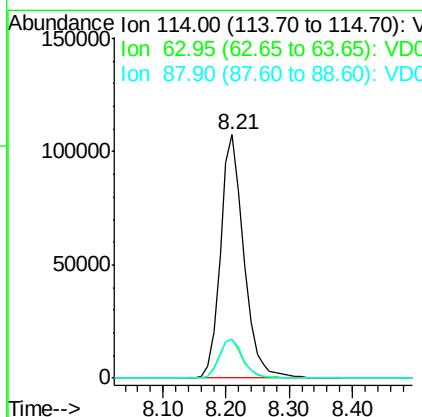
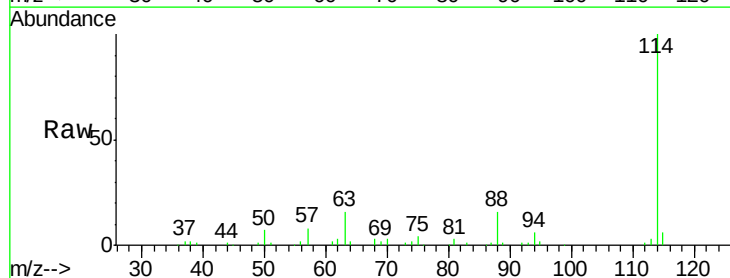
Instrument :
 MSVOA_D
 ClientSampleId :

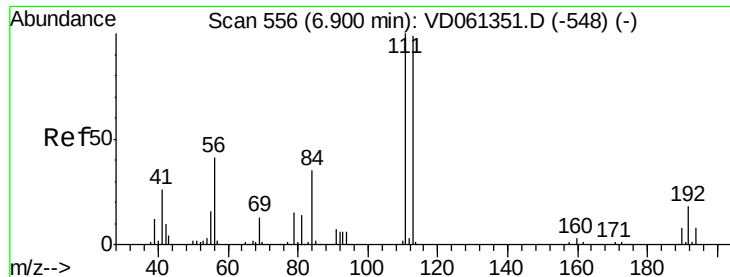
Tot Ion: 65 Resp: 88409
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.02 min
 Lab File: VD061562.D
 Acq: 3 Apr 2019 18:19

Tgt Ion: 114 Resp: 276544
 Ion Ratio Lower Upper
 114 100
 63 15.7 0.0 31.6
 88 16.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.92 min Scan# 558

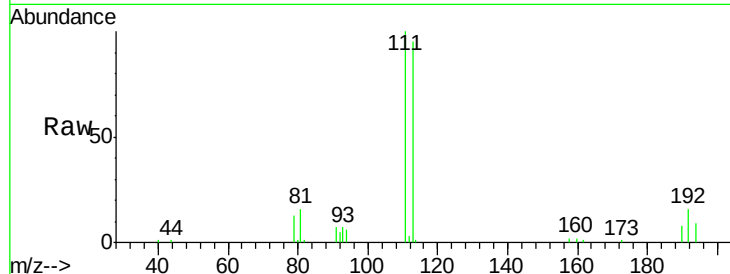
Delta R.T. 0.02 min

Lab File: VD061562.D

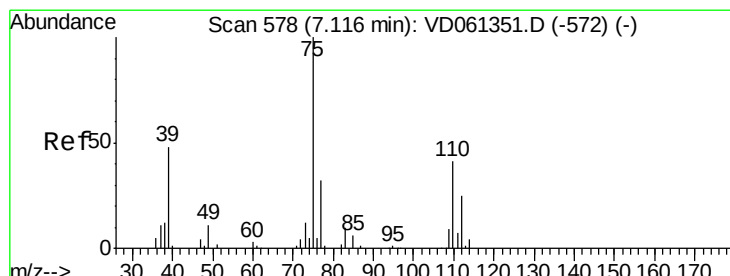
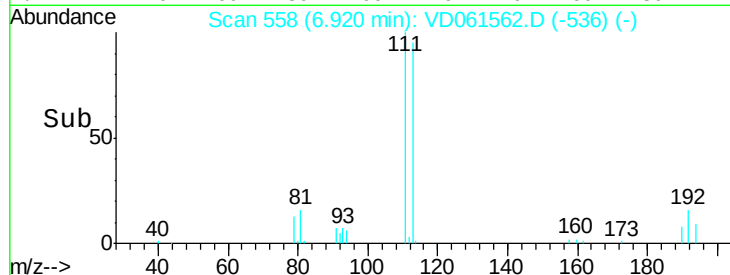
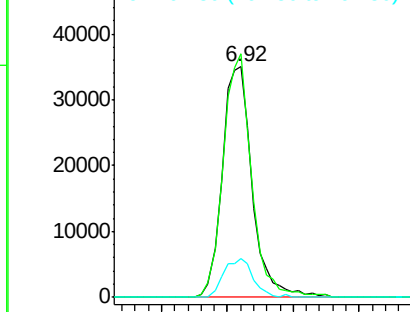
Acq: 3 Apr 2019 18:19

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:	113	Resp:	111338
Ion	Ratio	Lower	Upper
113	100		
111	105.5	81.0	121.6
192	16.6	14.4	21.6



Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 4.781 ug/l

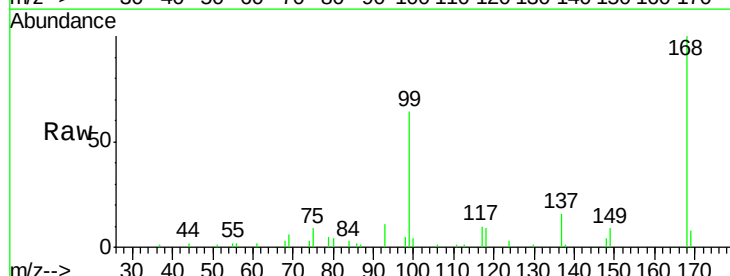
RT: 7.03 min Scan# 569

Delta R.T. -0.09 min

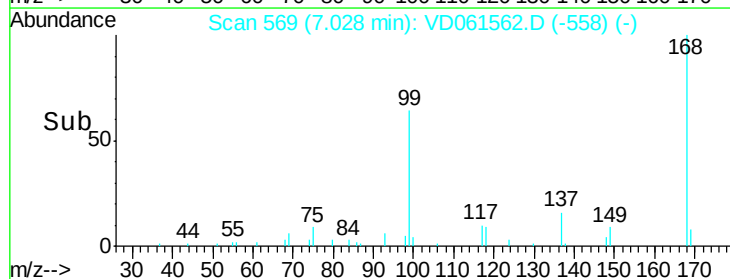
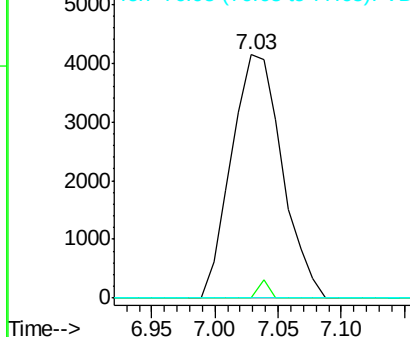
Lab File: VD061562.D

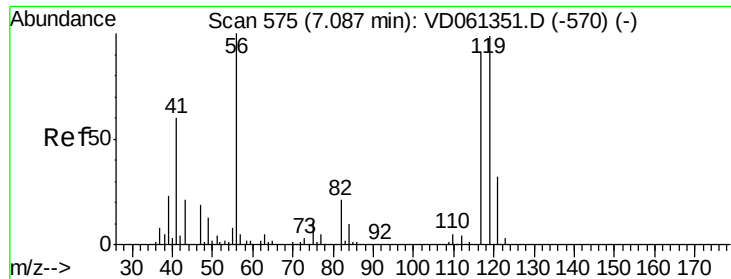
Acq: 3 Apr 2019 18:19

Tgt Ion:	75	Resp:	11539
Ion	Ratio	Lower	Upper
75	100		
110	0.0	20.4	61.3#
77	0.0	24.9	37.3#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 109.90 (109.60 to 110.60): V
Ion 76.95 (76.65 to 77.65): VDC

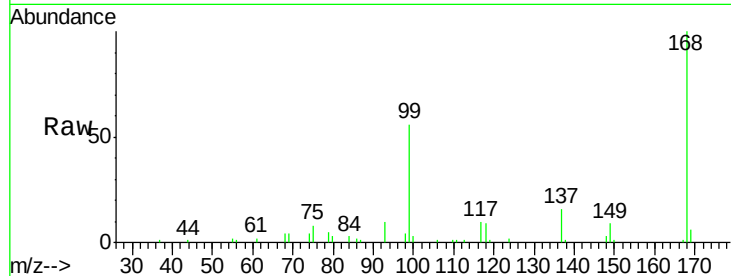




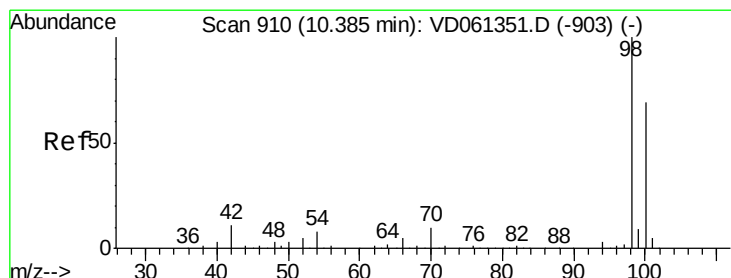
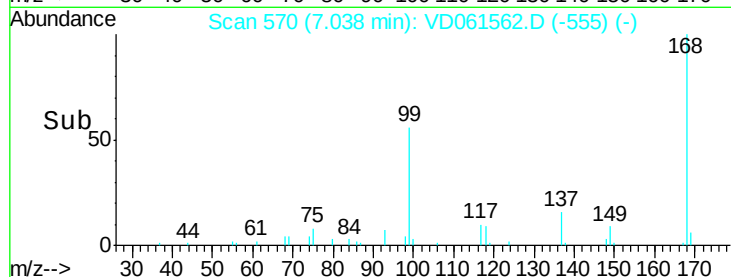
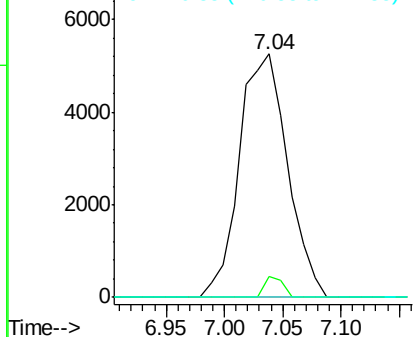
#38
Carbon Tetrachloride
Concen: 5.414 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.05 min
Lab File: VD061562.D
Acq: 3 Apr 2019 18:19

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 15016
Ion Ratio Lower Upper
117 100
119 8.4 80.1 120.1#
121 0.0 25.6 38.4#

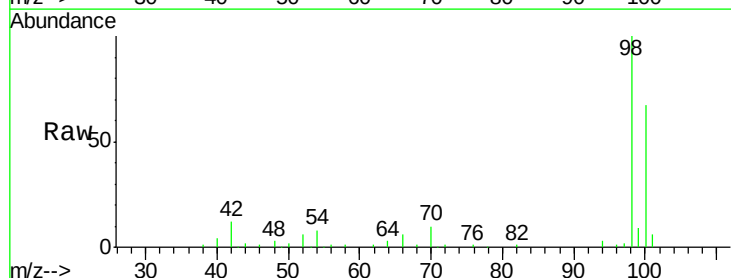


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

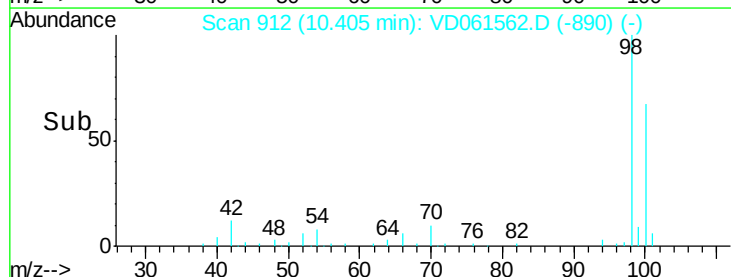
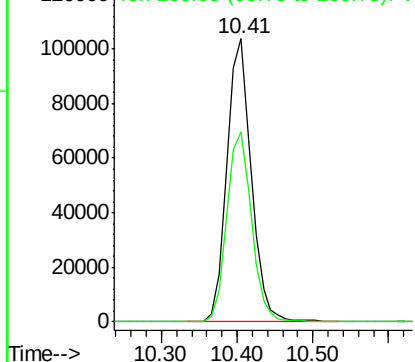


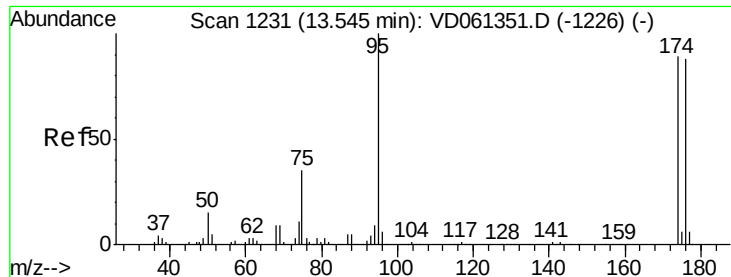
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 912
Delta R.T. 0.02 min
Lab File: VD061562.D
Acq: 3 Apr 2019 18:19

Tgt Ion: 98 Resp: 230677
Ion Ratio Lower Upper
98 100
100 67.0 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): V
Ion 100.05 (99.75 to 100.75): V

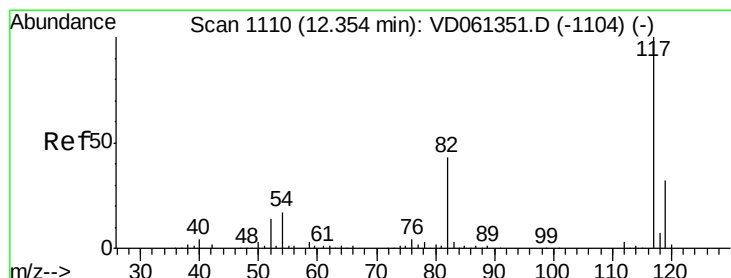
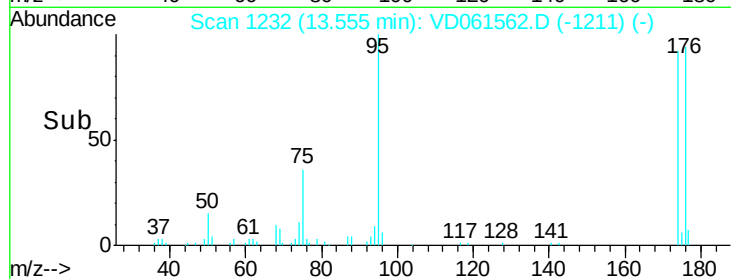
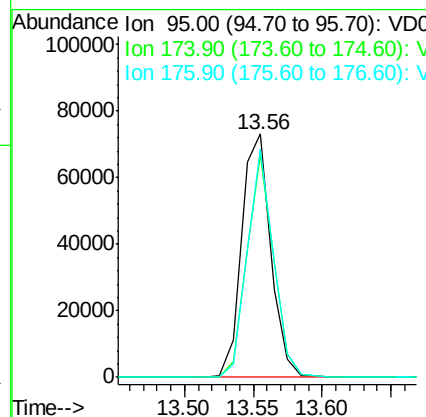
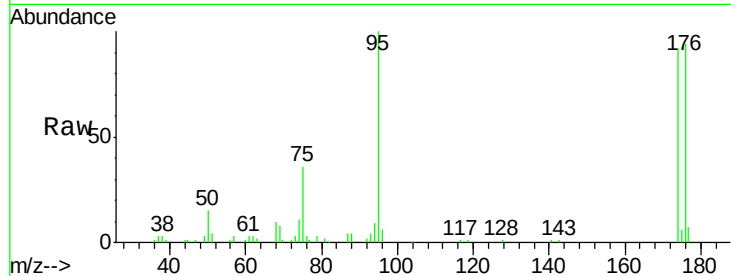




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD061562.D
Acq: 3 Apr 2019 18:19

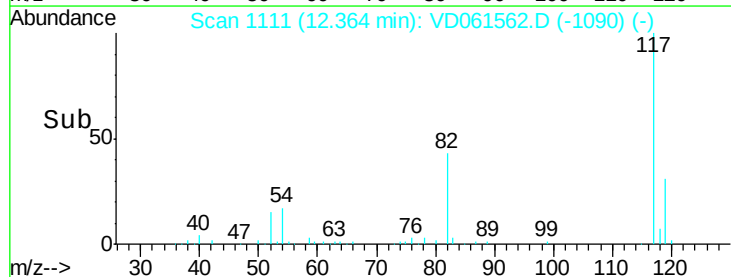
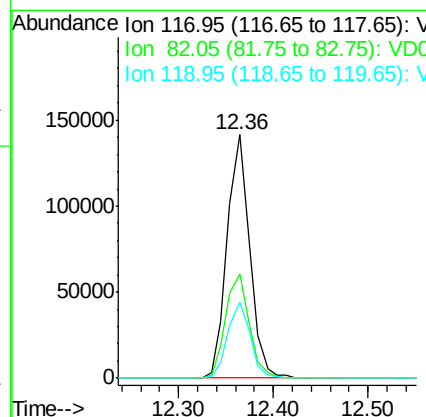
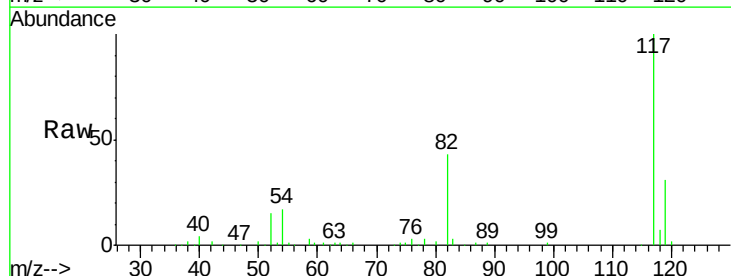
Instrument :
MSVOA_D
ClientSampleId :

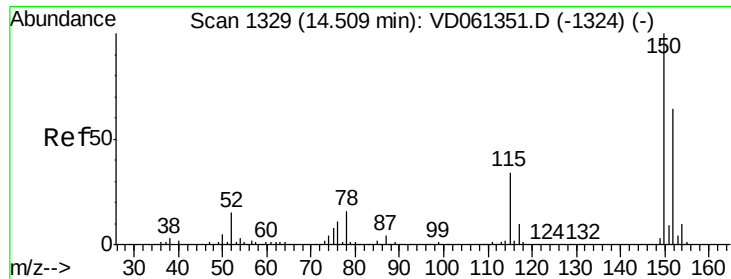
Tot Ion: 95 Resp: 107863
Ion Ratio Lower Upper
95 100
174 91.9 0.0 178.0
176 94.0 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061562.D
Acq: 3 Apr 2019 18:19

Tgt Ion: 117 Resp: 233875
Ion Ratio Lower Upper
117 100
82 42.8 34.4 51.6
119 31.2 25.8 38.6

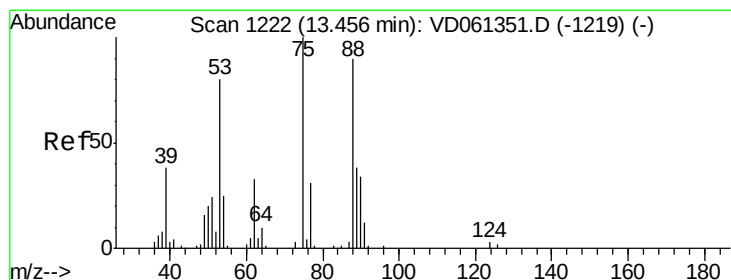
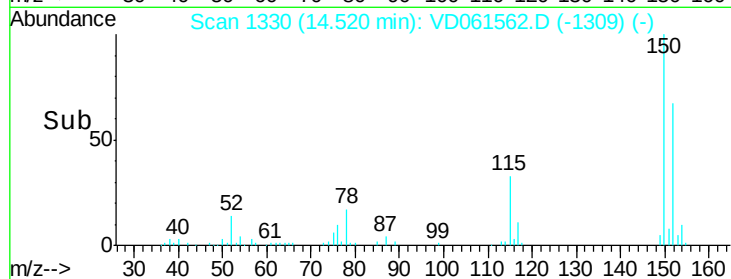
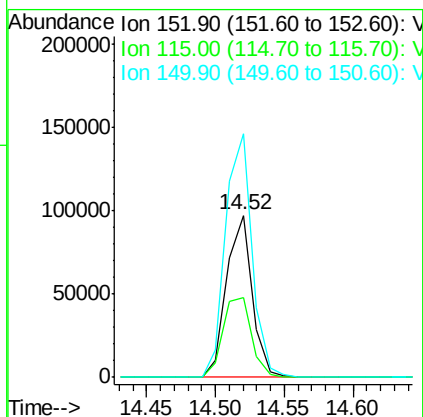
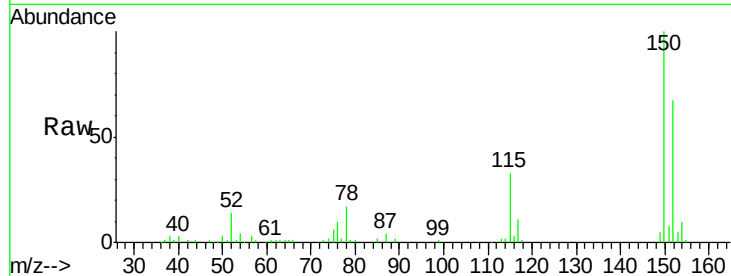




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VD061562.D
 Acq: 3 Apr 2019 18:19

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:152 Resp: 125839
 Ion Ratio Lower Upper
 152 100
 115 49.6 26.9 80.6
 150 150.2 0.0 318.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.962 ug/l
 RT: 13.56 min Scan# 1232
 Delta R.T. 0.10 min
 Lab File: VD061562.D
 Acq: 3 Apr 2019 18:19

Tgt Ion: 75 Resp: 38776
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.8 95.8#
 89 0.0 30.5 45.7#

