

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040119\
 Data File : VD061481.D
 Acq On : 1 Apr 2019 21:04
 Operator : VA/AP
 Sample : K2182-15
 Misc : 5.19g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 02 01:20:44 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

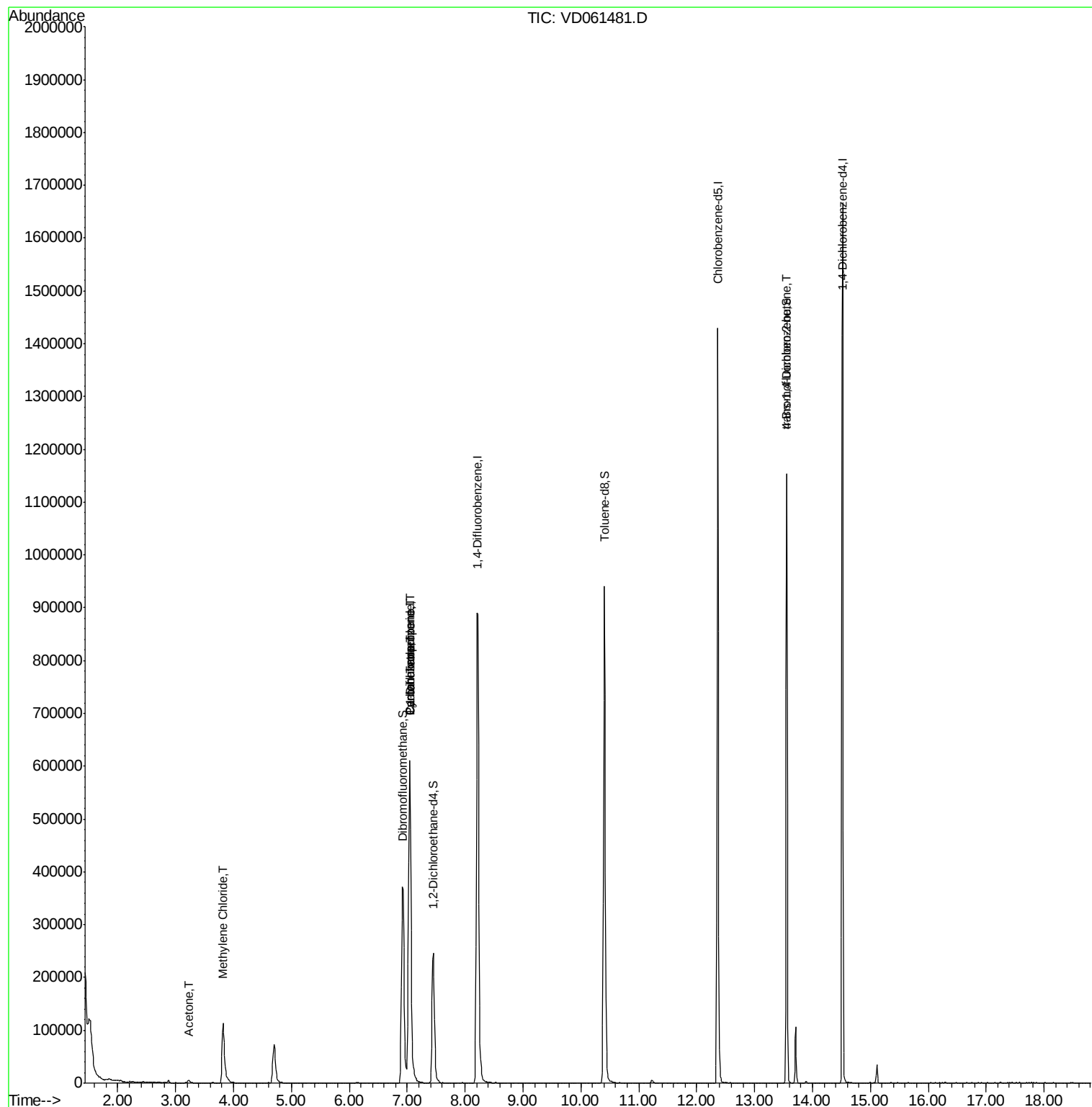
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	652506	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	1140016	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.36	117	885764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	414854	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	265346	47.60	ug/l	0.02
Spiked Amount 50.000			Recovery	=	95.20%	
35) Dibromofluoromethane	6.92	113	375321	43.08	ug/l	0.02
Spiked Amount 50.000			Recovery	=	86.16%	
50) Toluene-d8	10.40	98	814824	39.00	ug/l	0.02
Spiked Amount 50.000			Recovery	=	78.00%	
62) 4-Bromofluorobenzene	13.55	95	351564	43.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.76%	
Target Compounds						
					Qvalue	
16) Acetone	3.23	43	10144	7.079	ug/l #	89
20) Methylene Chloride	3.82	84	92807	10.027	ug/l	98
31) Cyclohexane	7.05	56	11708	1.220	ug/l #	1
36) 1,1-Dichloropropene	7.04	75	47946	4.819	ug/l #	44
38) Carbon Tetrachloride	7.05	117	63233	5.531	ug/l #	14
81) trans-1,4-Dichloro-2-buten	13.55	75	139558	76.379	ug/l #	18

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
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: 7.05 min Scan# 571

Delta R.T. 0.03 min

Lab File: VD061481.D

Acq: 1 Apr 2019 21:04

Instrument :

MSVOA_D

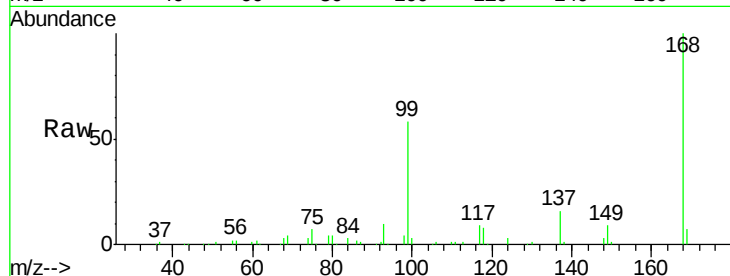
ClientSampleId :

Tot Ion:168 Resp: 652506

Ion Ratio Lower Upper

168 100

99 58.4 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

250000

200000

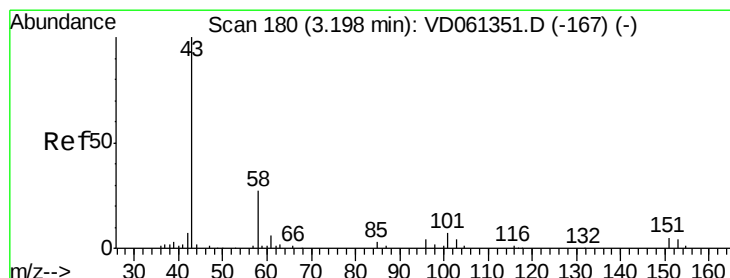
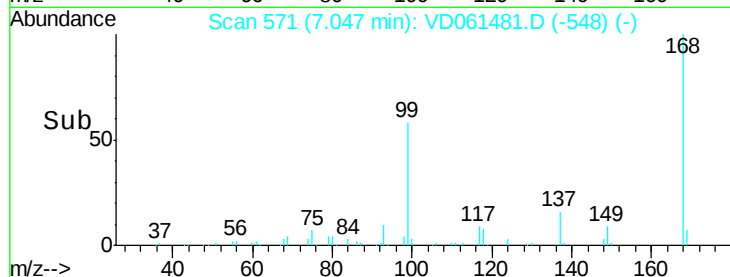
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.079 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD061481.D

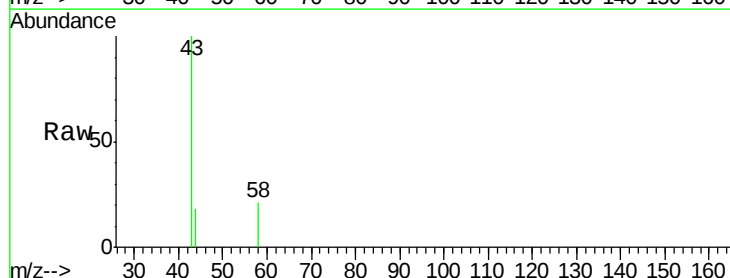
Acq: 1 Apr 2019 21:04

Tgt Ion: 43 Resp: 10144

Ion Ratio Lower Upper

43 100

58 21.1 21.5 32.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

4000

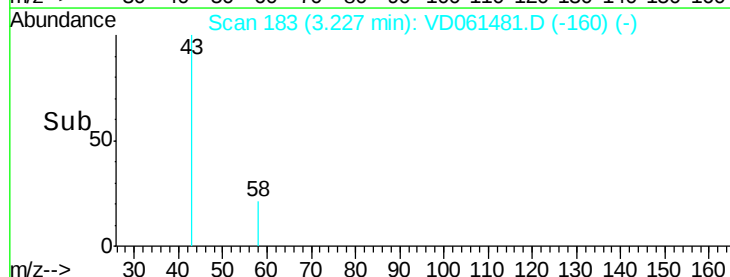
3000

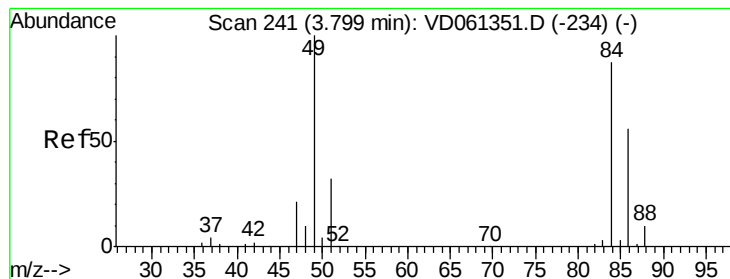
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 10.027 ug/l

RT: 3.82 min Scan# 243

Delta R.T. 0.02 min

Lab File: VD061481.D

Acq: 1 Apr 2019 21:04

Instrument :

MSVOA_D

ClientSampled :

Tot Ion: 84 Resp: 92807

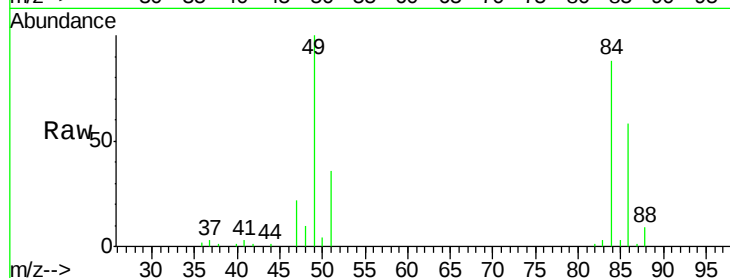
Ion Ratio Lower Upper

84 100

49 113.1 91.8 137.8

51 40.8 29.8 44.8

86 66.2 51.8 77.6

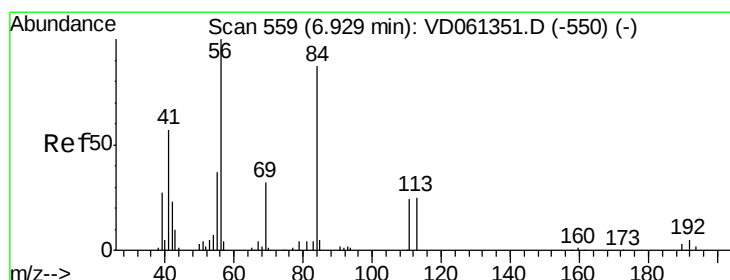
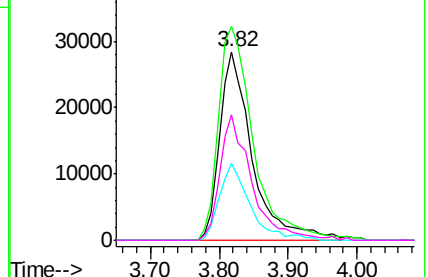
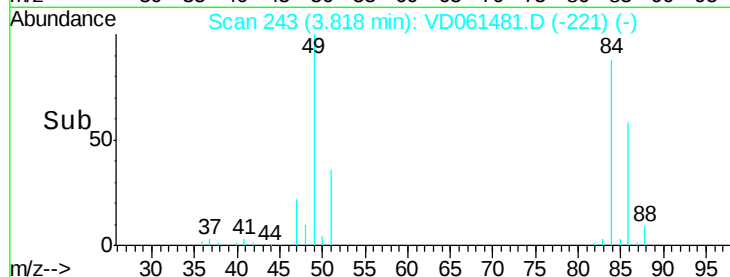


Abundance Ion 83.95 (83.65 to 84.65): VDC

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



#31

Cyclohexane

Concen: 1.220 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.12 min

Lab File: VD061481.D

Acq: 1 Apr 2019 21:04

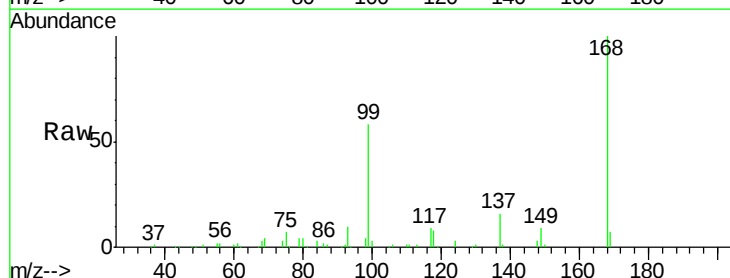
Tgt Ion: 56 Resp: 11708

Ion Ratio Lower Upper

56 100

69 228.0 25.7 38.5#

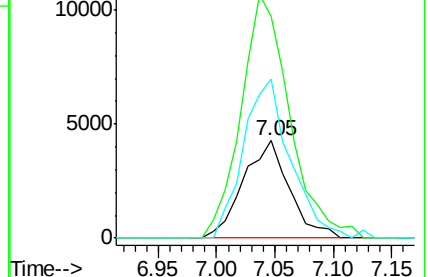
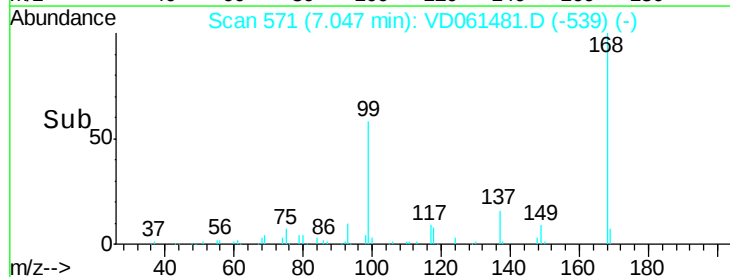
84 163.6 70.6 105.8#



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC

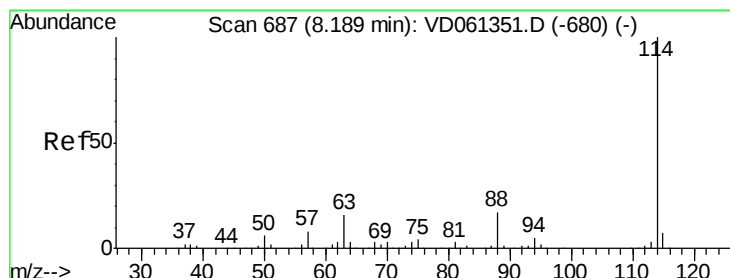
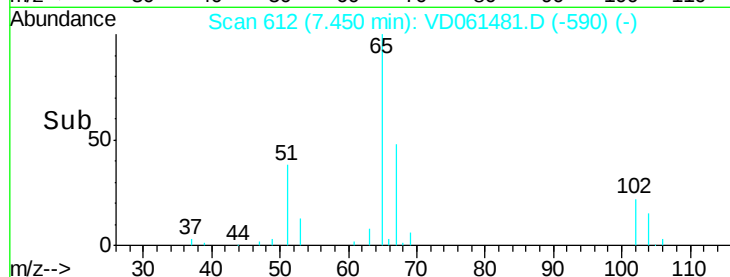
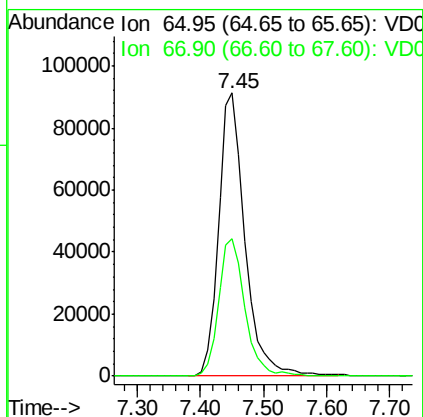
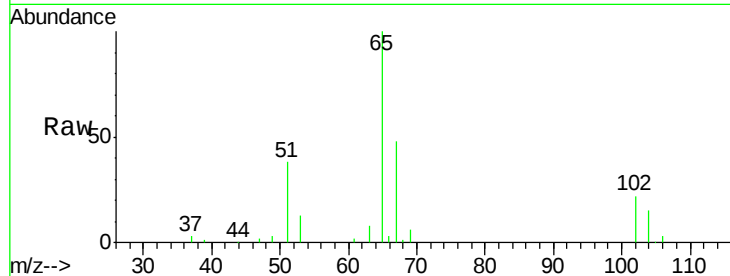




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. 0.02 min
 Lab File: VD061481.D
 Acq: 1 Apr 2019 21:04

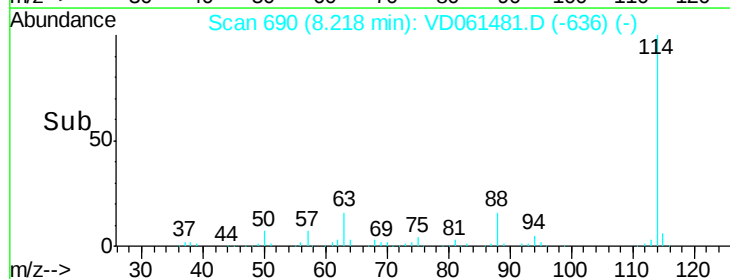
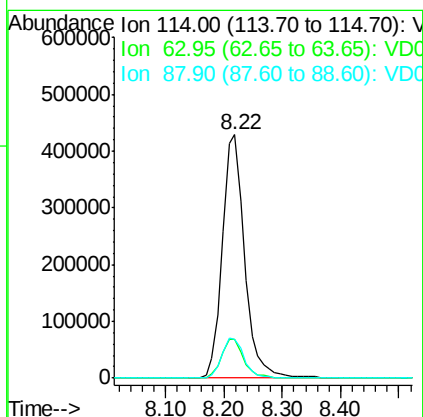
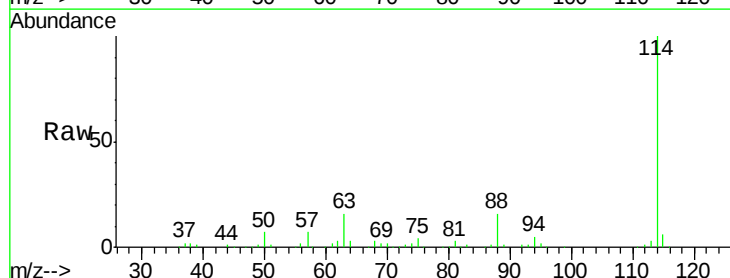
Instrument :
 MSVOA_D
 ClientSampleID :

Tot Ion: 65 Resp: 265346
 Ion Ratio Lower Upper
 65 100
 67 48.5 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.03 min
 Lab File: VD061481.D
 Acq: 1 Apr 2019 21:04

Tgt Ion: 114 Resp: 1140016
 Ion Ratio Lower Upper
 114 100
 63 16.0 0.0 31.6
 88 16.2 0.0 33.4

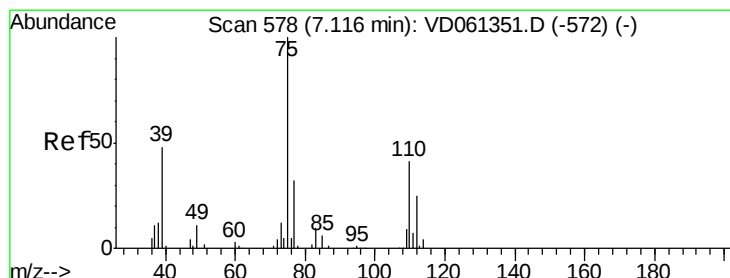
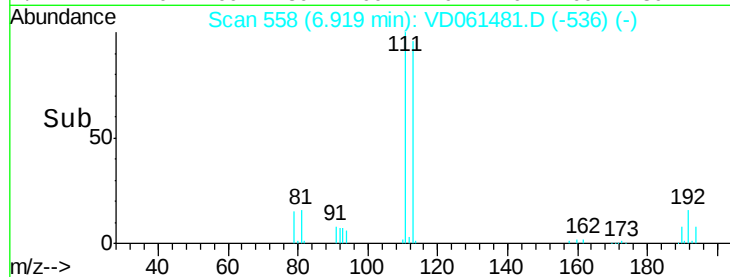
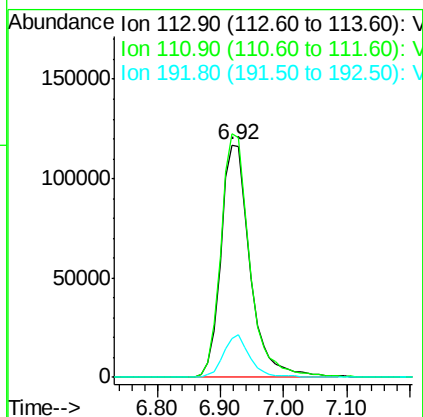
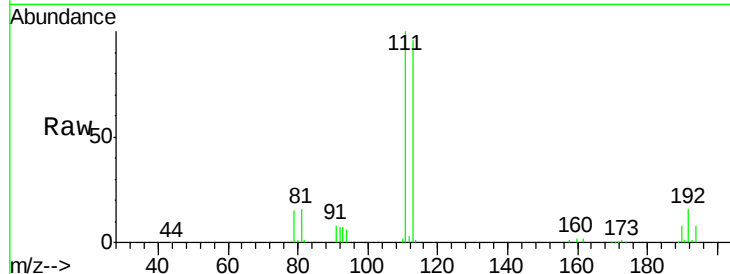




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.02 min
 Lab File: VD061481.D
 Acq: 1 Apr 2019 21:04

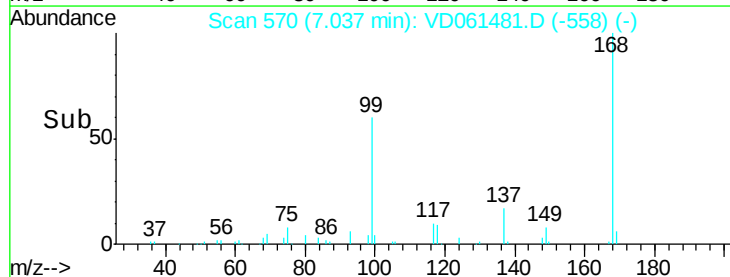
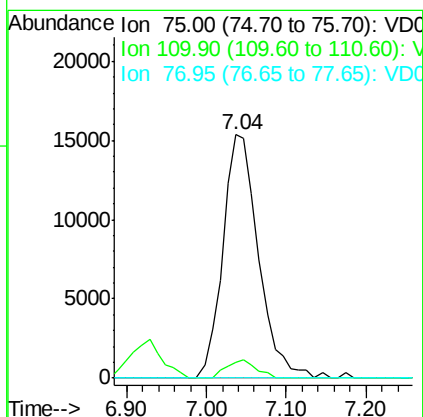
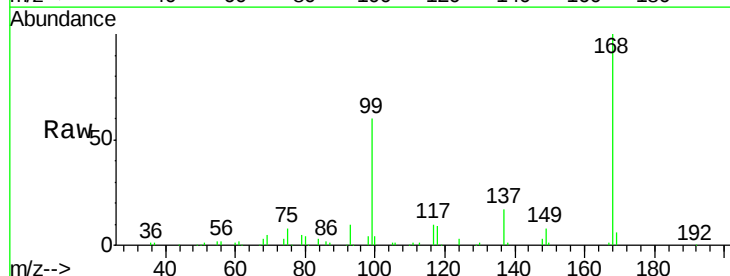
Instrument :
 MSVOA_D
 ClientSampleId :

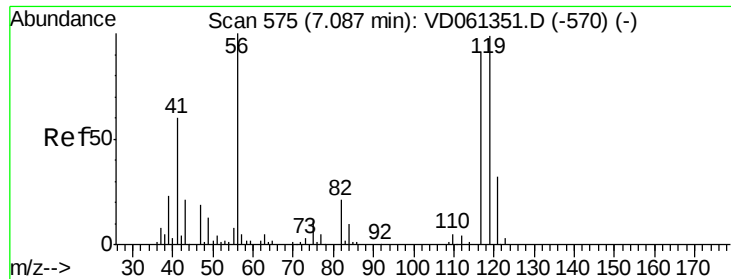
Tot Ion:113 Resp: 375321
 Ion Ratio Lower Upper
 113 100
 111 104.7 81.0 121.6
 192 16.9 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 4.819 ug/l
 RT: 7.04 min Scan# 570
 Delta R.T. -0.08 min
 Lab File: VD061481.D
 Acq: 1 Apr 2019 21:04

Tgt Ion: 75 Resp: 47946
 Ion Ratio Lower Upper
 75 100
 110 6.5 20.4 61.3#
 77 0.0 24.9 37.3#

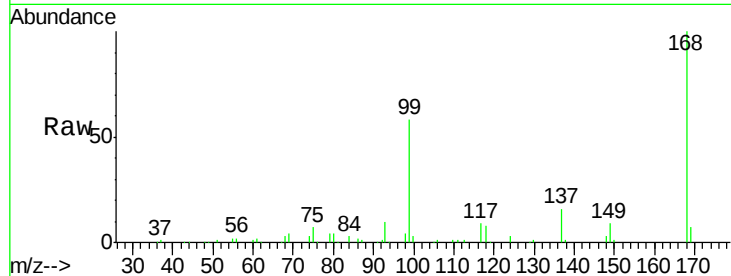




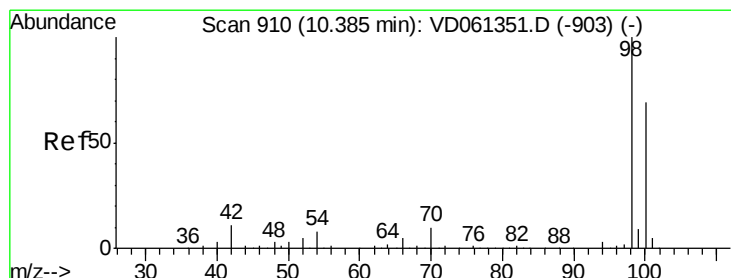
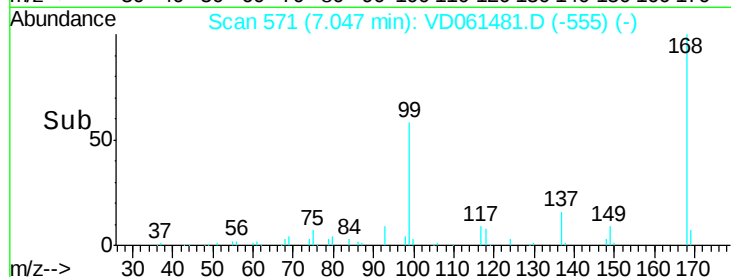
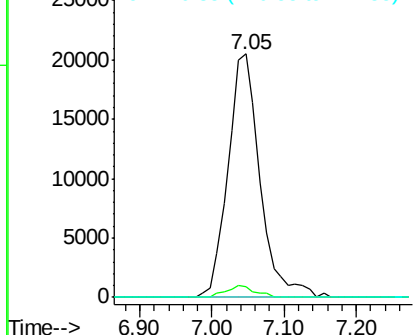
#38
Carbon Tetrachloride
Concen: 5.531 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.04 min
Lab File: VD061481.D
Acq: 1 Apr 2019 21:04

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 63233
Ion Ratio Lower Upper
117 100
119 4.2 80.1 120.1#
121 0.0 25.6 38.4#

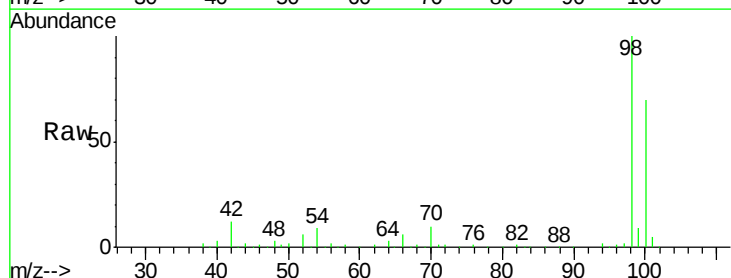


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

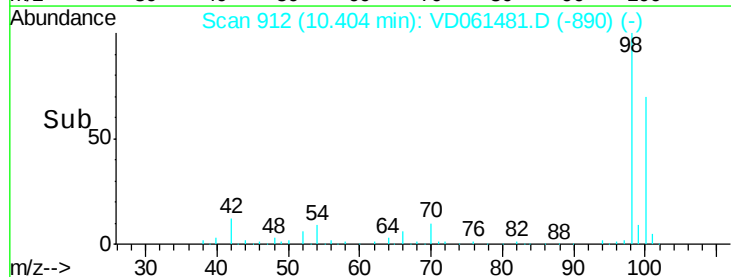
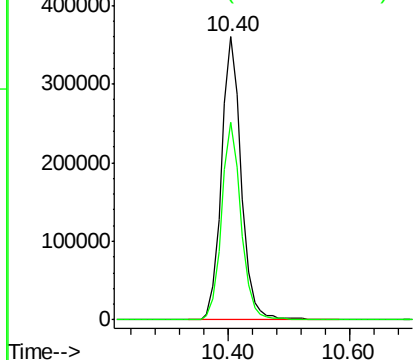


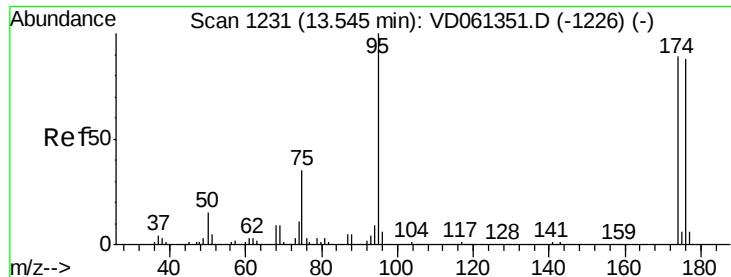
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.02 min
Lab File: VD061481.D
Acq: 1 Apr 2019 21:04

Tgt Ion: 98 Resp: 814824
Ion Ratio Lower Upper
98 100
100 69.9 56.2 84.2



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

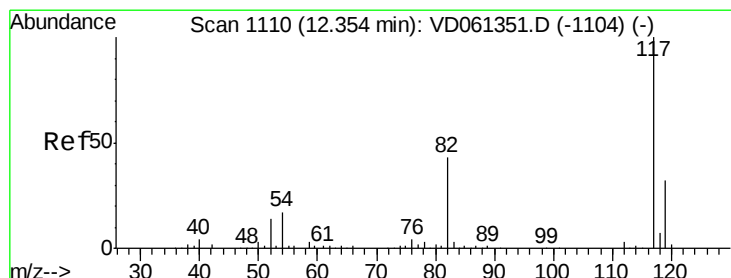
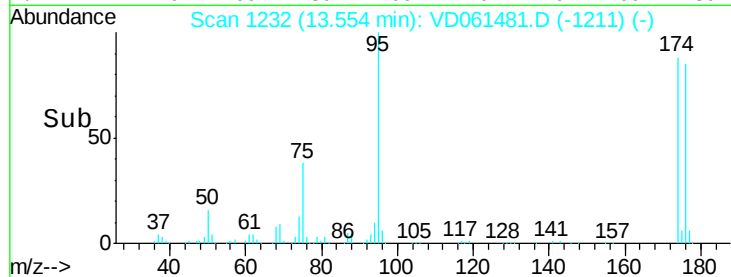
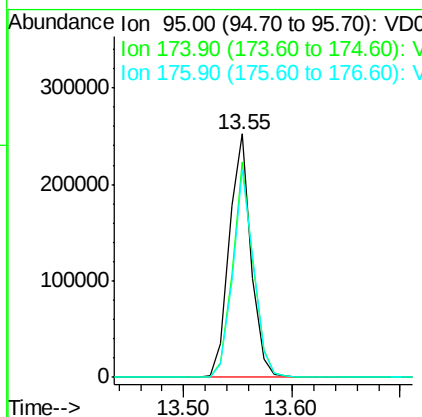
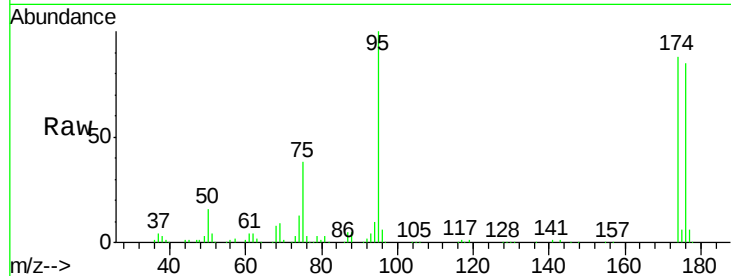




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD061481.D
Acq: 1 Apr 2019 21:04

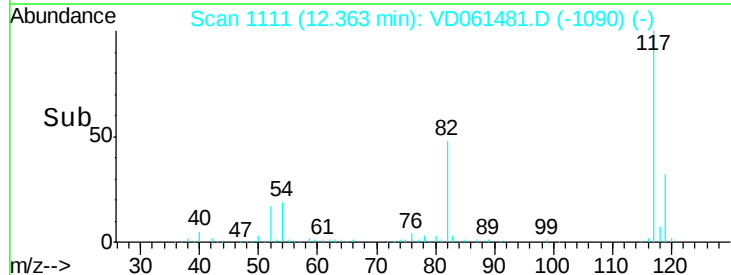
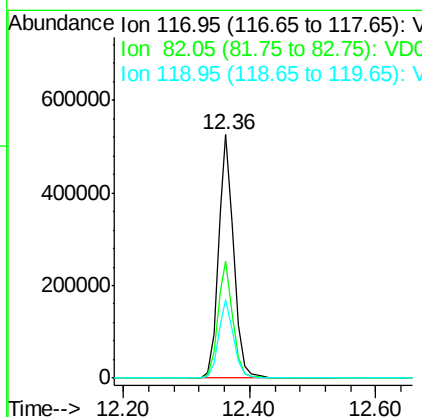
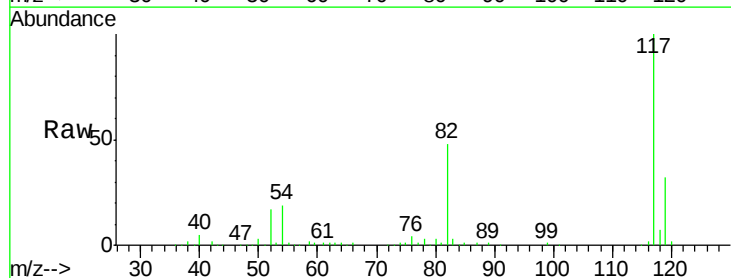
Instrument :
MSVOA_D
ClientSampleId :

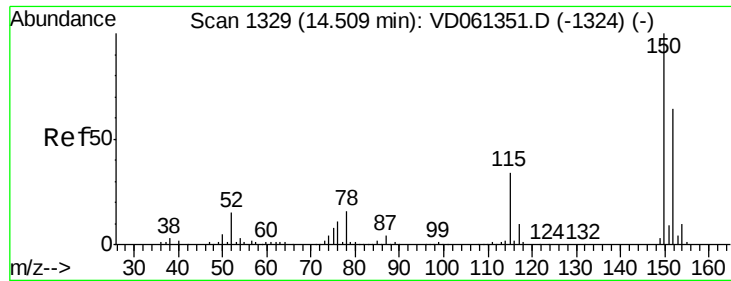
Tot Ion: 95 Resp: 351564
Ion Ratio Lower Upper
95 100
174 88.5 0.0 178.0
176 85.1 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061481.D
Acq: 1 Apr 2019 21:04

Tgt Ion: 117 Resp: 885764
Ion Ratio Lower Upper
117 100
82 47.9 34.4 51.6
119 32.5 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: VD061481.D

Acq: 1 Apr 2019 21:04

Instrument :

MSVOA_D

ClientSampleId :

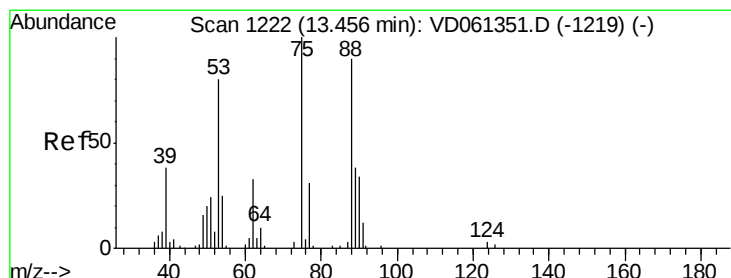
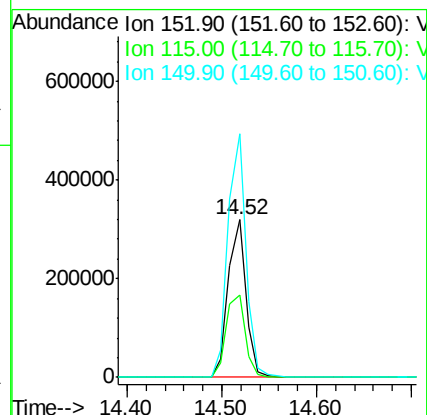
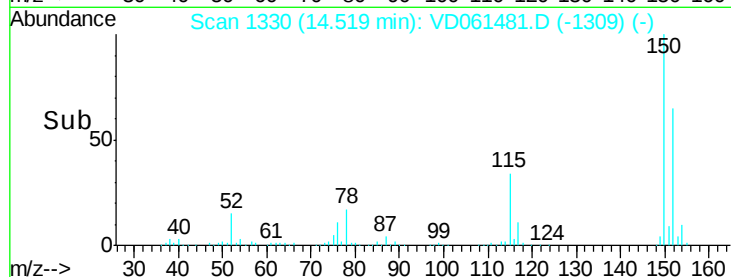
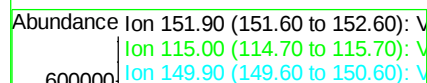
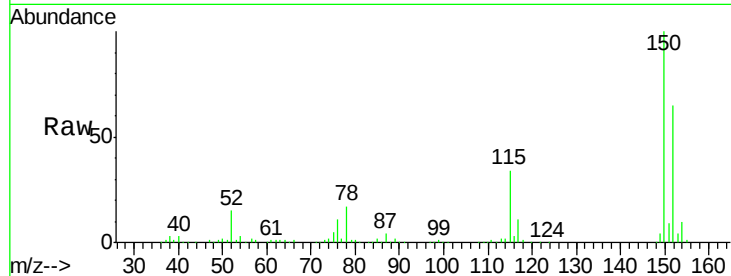
Tot Ion:152 Resp: 414854

Ion Ratio Lower Upper

152 100

115 52.3 26.9 80.6

150 154.3 0.0 318.0



#81

trans-1,4-Dichloro-2-butene

Concen: 76.379 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.10 min

Lab File: VD061481.D

Acq: 1 Apr 2019 21:04

Tgt Ion: 75 Resp: 139558

Ion Ratio Lower Upper

75 100

53 0.0 63.8 95.8#

89 0.0 30.5 45.7#

