

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042519\
 Data File : VD062047.D
 Acq On : 25 Apr 2019 19:22
 Operator : VA/AP
 Sample : K2554-01
 Misc : 5.53q/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 26 01:44:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

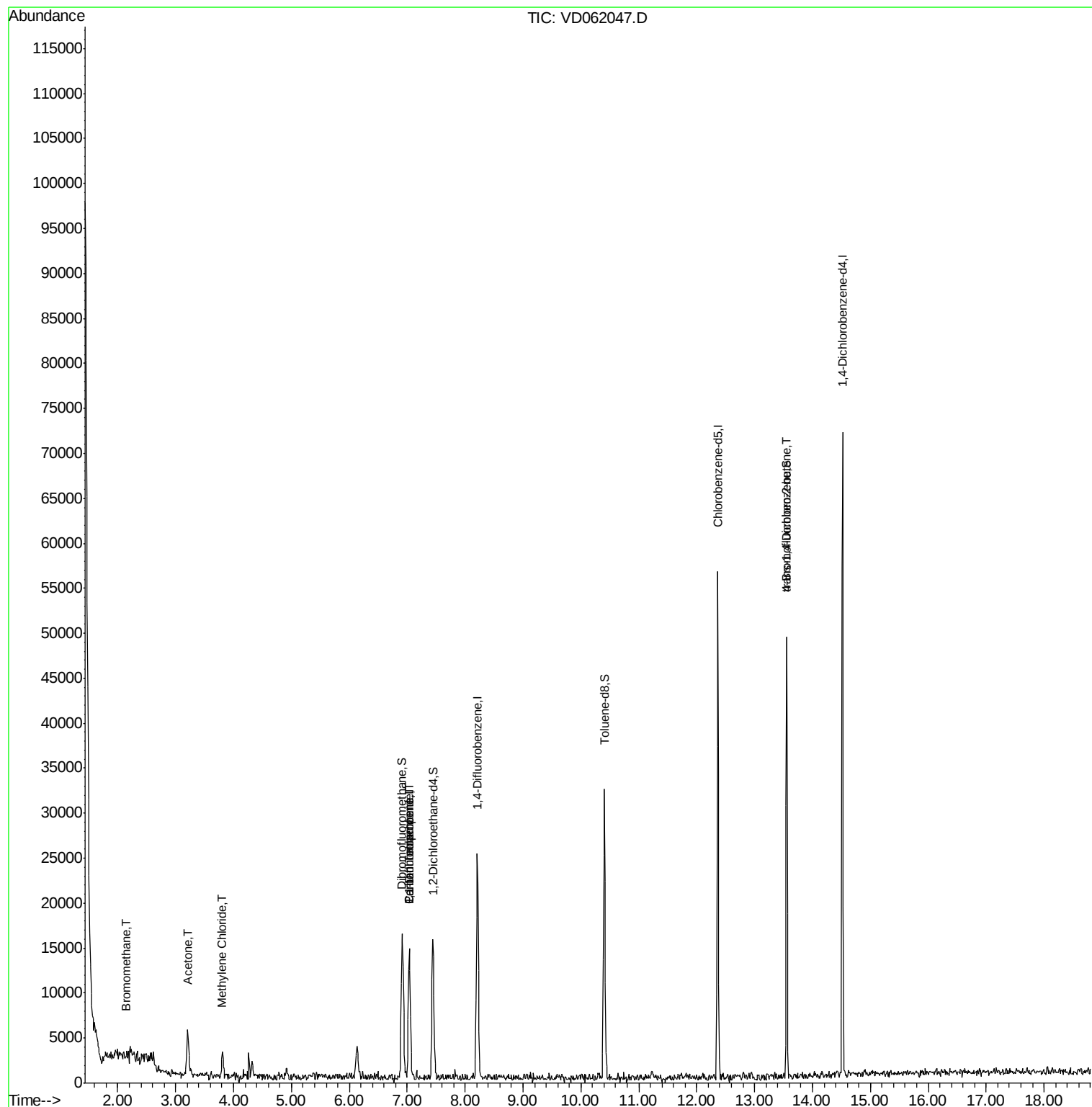
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	17769	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	33454	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	35696	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	17769	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	15845	113.94	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	227.88%	
35) Dibromofluoromethane	6.92	113	16247	70.22	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	140.44%	
50) Toluene-d8	10.40	98	27472	49.90	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	99.80%	
62) 4-Bromofluorobenzene	13.55	95	15118	68.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	136.92%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.13	94	429	11.177	ug/l #	12
16) Acetone	3.21	43	9645	290.461	ug/l #	89
20) Methylene Chloride	3.82	84	1755	8.190	ug/l #	87
36) 1,1-Dichloropropene	7.04	75	630	2.417	ug/l #	40
38) Carbon Tetrachloride	7.04	117	1431	4.333	ug/l #	12
81) trans-1,4-Dichloro-2-buten	13.55	75	5790	84.677	ug/l #	16

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 14:52:55 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: VD062047.D

Acq: 25 Apr 2019 19:22

Instrument :

MSVOA_D

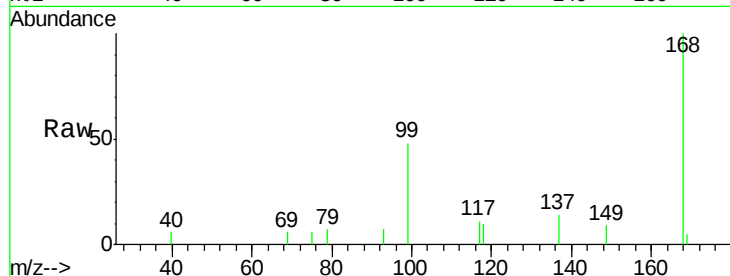
ClientSampleId :

Tot Ion:168 Resp: 17769

Ion Ratio Lower Upper

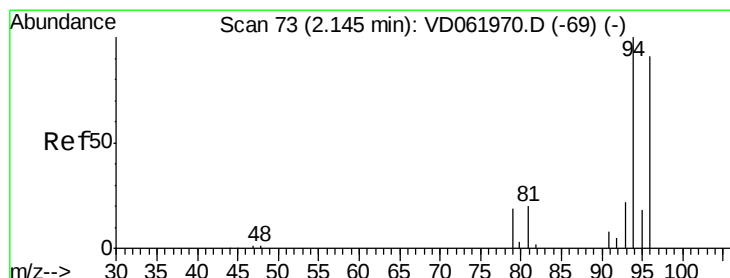
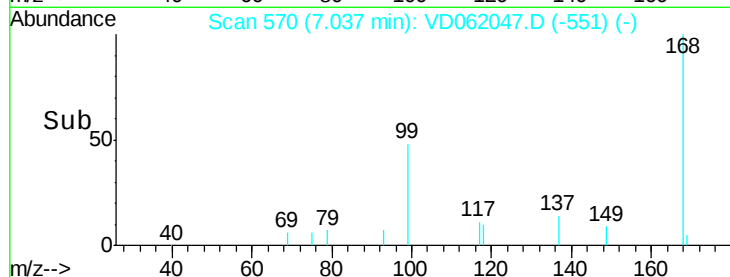
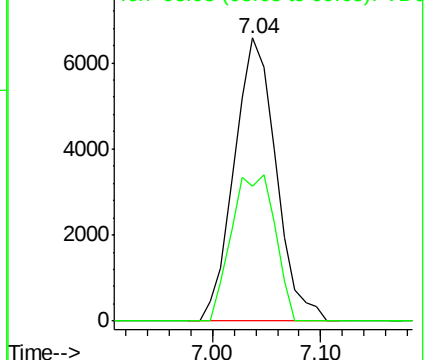
168 100

99 47.7 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: 11.177 ug/l

RT: 2.13 min Scan# 72

Delta R.T. -0.02 min

Lab File: VD062047.D

Acq: 25 Apr 2019 19:22

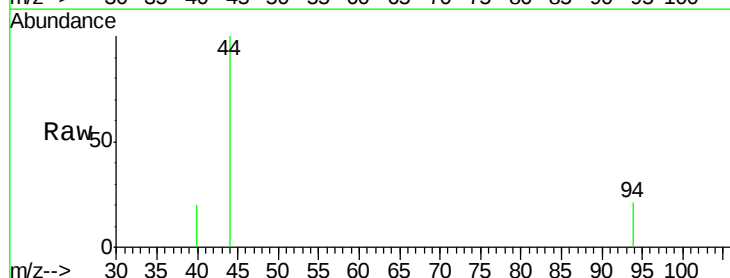
Tgt Ion: 94 Resp: 429

Ion Ratio Lower Upper

94 100

96 0.0 76.6 115.0#

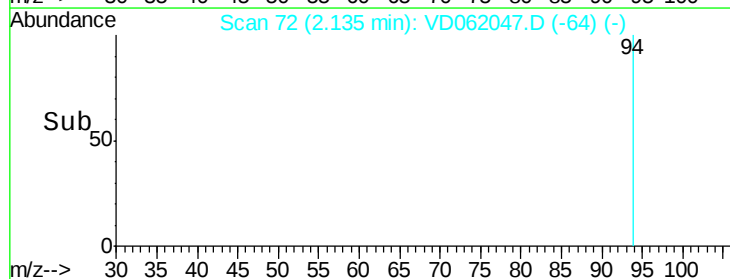
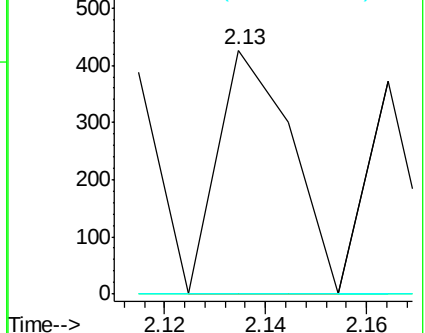
93 0.0 18.5 27.7#



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

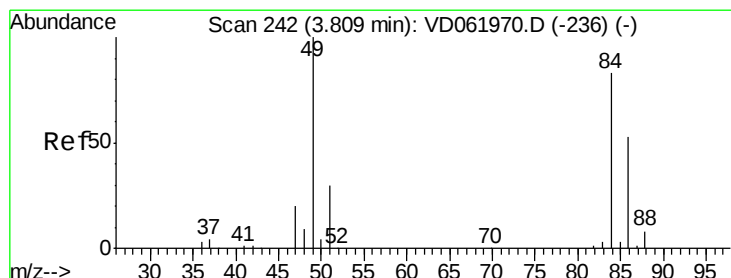
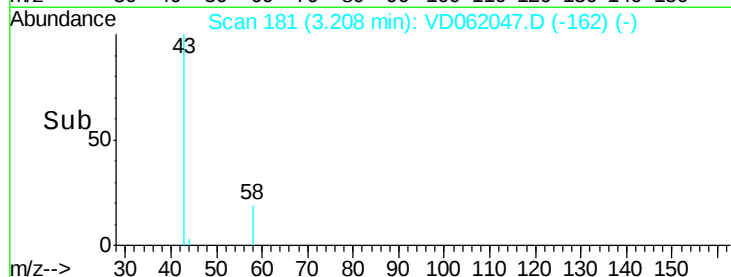
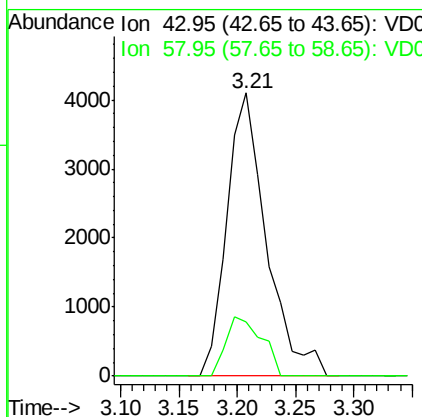
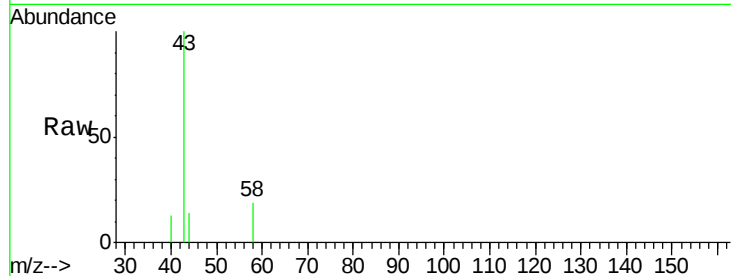




#16
Acetone
Concen: 290.461 ug/l
RT: 3.21 min Scan# 181
Delta R.T. -0.02 min
Lab File: VD062047.D
Acq: 25 Apr 2019 19:22

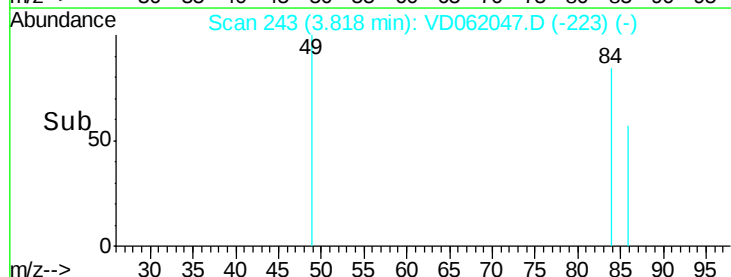
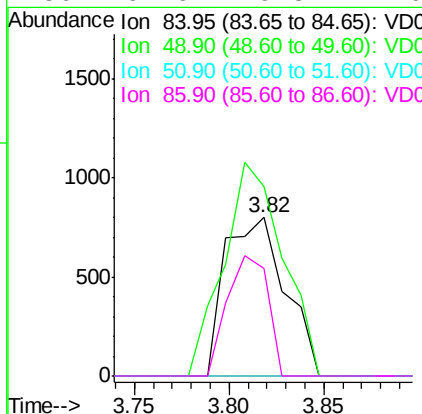
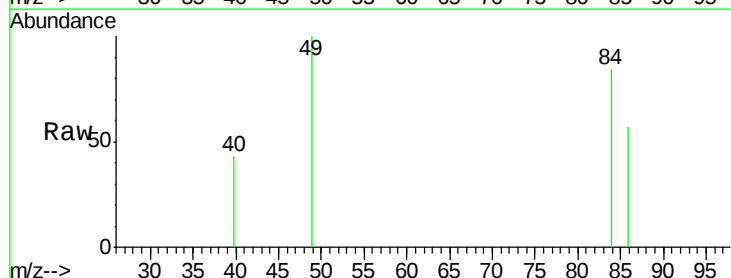
Instrument :
MSVOA_D
ClientSampleId :

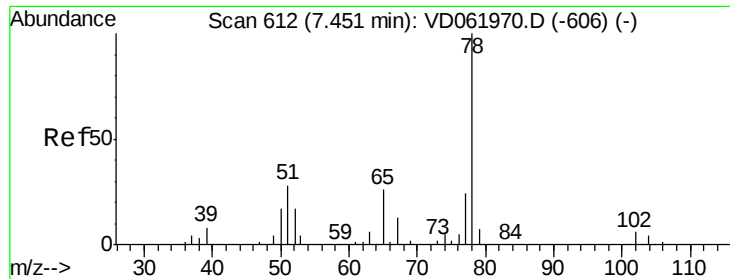
Tot Ion: 43 Resp: 9645
Ion Ratio Lower Upper
43 100
58 19.2 19.9 29.9#



#20
Methylene Chloride
Concen: 8.190 ug/l
RT: 3.82 min Scan# 243
Delta R.T. -0.00 min
Lab File: VD062047.D
Acq: 25 Apr 2019 19:22

Tgt Ion: 84 Resp: 1755
Ion Ratio Lower Upper
84 100
49 119.5 94.0 141.0
51 0.0 29.0 43.4#
86 67.6 49.8 74.6

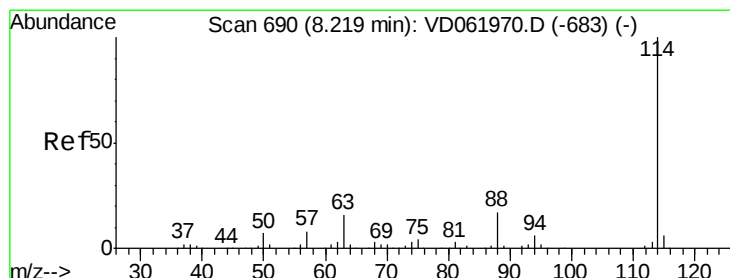
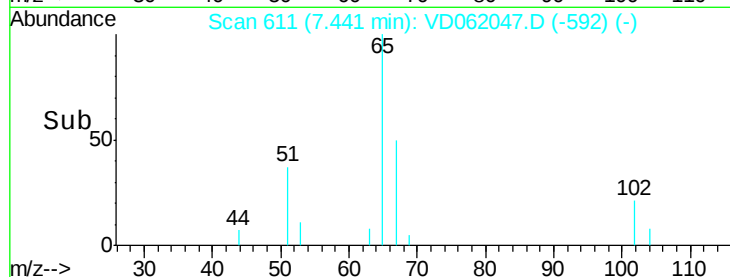
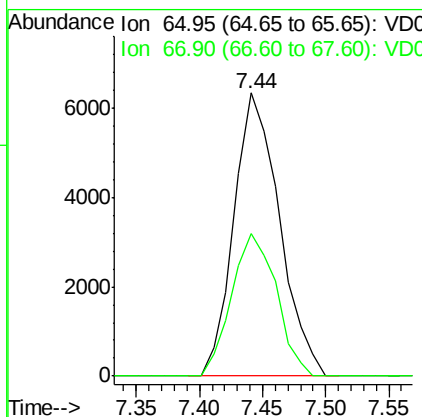
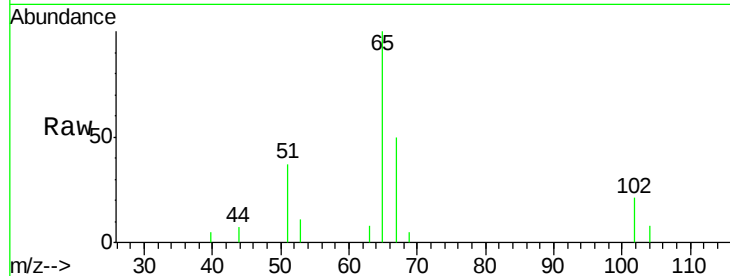




#33
 1,2-Dichloroethane-d4
 Concen: 113.935 ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: VD062047.D
 Acq: 25 Apr 2019 19:22

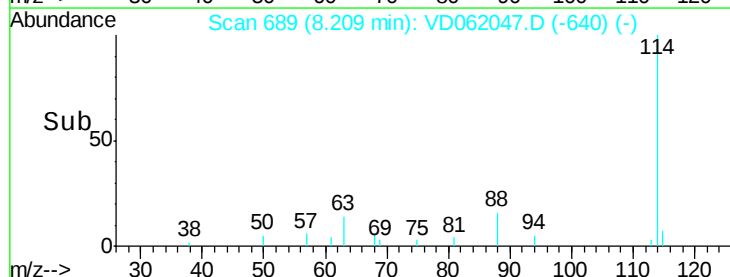
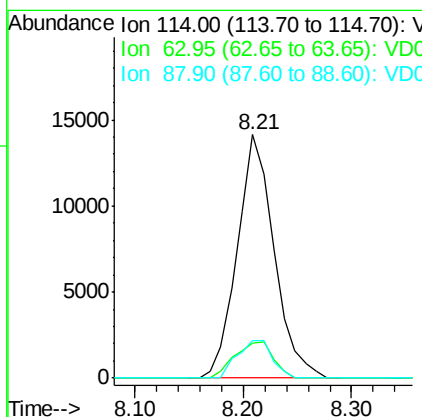
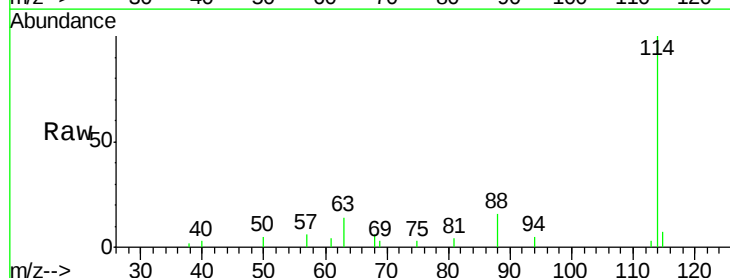
Instrument :
 MSVOA_D
 ClientSampleId :

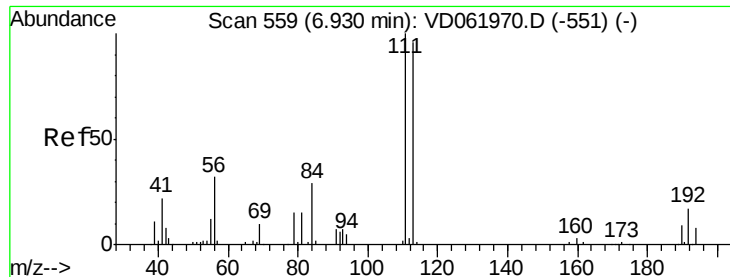
Tot Ion: 65 Resp: 15845
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.02 min
 Lab File: VD062047.D
 Acq: 25 Apr 2019 19:22

Tgt Ion:114 Resp: 33454
 Ion Ratio Lower Upper
 114 100
 63 14.2 0.0 32.4
 88 15.7 0.0 33.6





#35

Dibromofluoromethane

Concen: 70.222 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD062047.D

Acq: 25 Apr 2019 19:22

Instrument :

MSVOA_D

ClientSampleId :

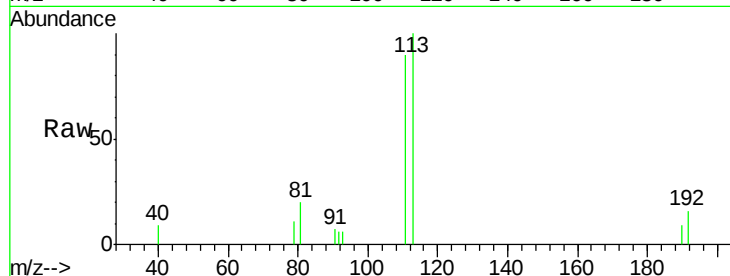
Tot Ion:113 Resp: 16247

Ion Ratio Lower Upper

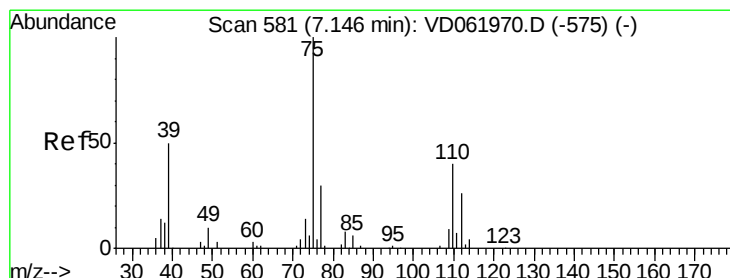
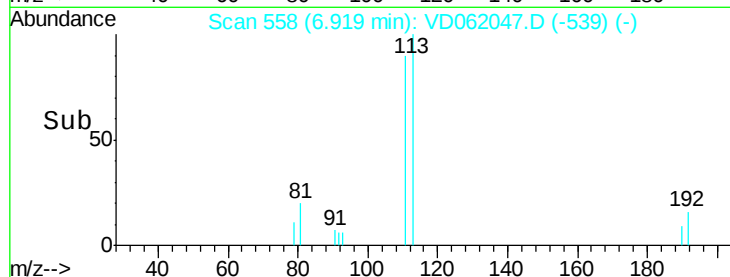
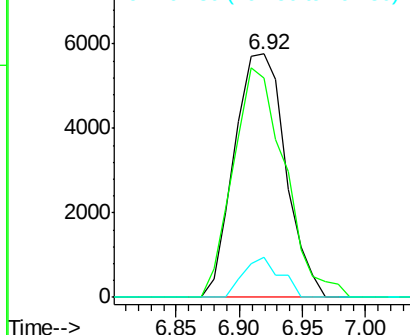
113 100

111 89.9 78.5 117.7

192 16.2 13.0 19.4



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: 2.417 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.11 min

Lab File: VD062047.D

Acq: 25 Apr 2019 19:22

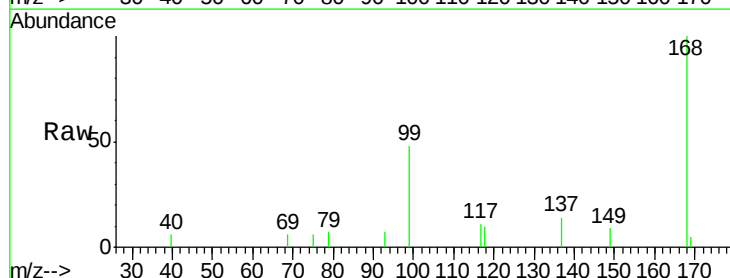
Tgt Ion: 75 Resp: 630

Ion Ratio Lower Upper

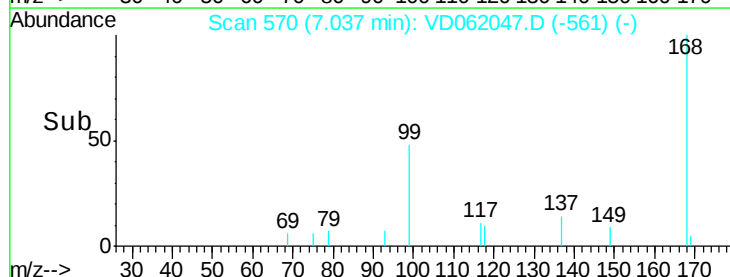
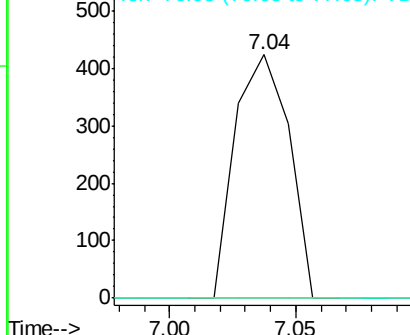
75 100

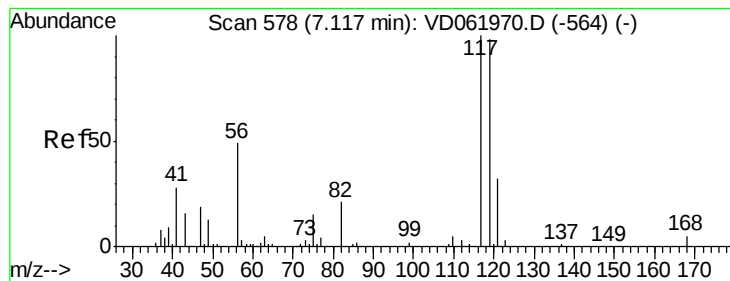
110 0.0 19.1 57.1#

77 0.0 25.6 38.4#



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





#38

Carbon Tetrachloride

Concen: 4.333 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.08 min

Lab File: VD062047.D

Acq: 25 Apr 2019 19:22

Instrument :

MSVOA_D

ClientSampleId :

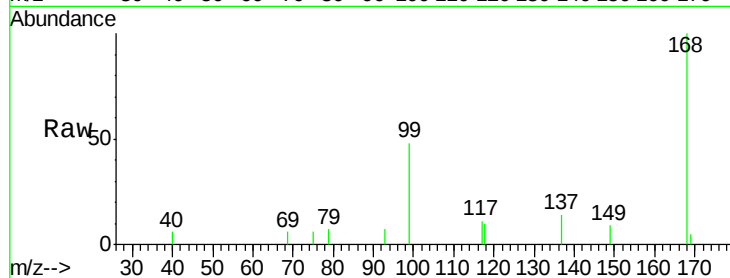
Tot Ion:117 Resp: 1431

Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.8#

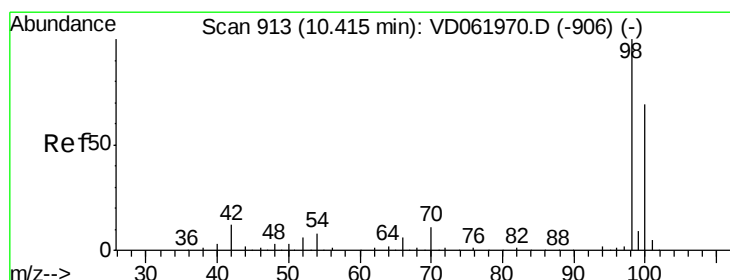
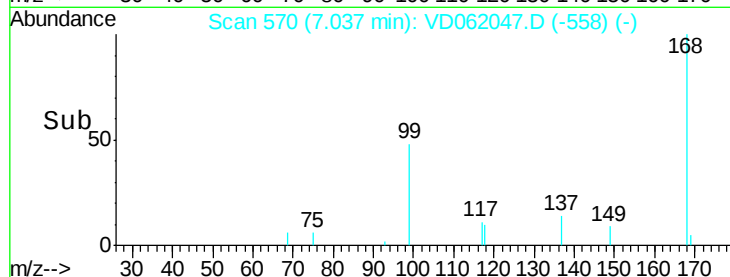
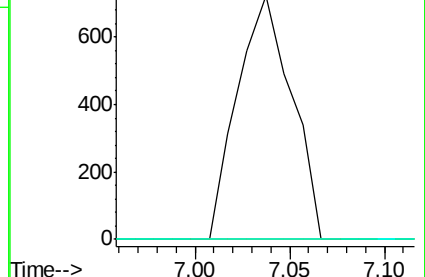
121 0.0 25.9 38.9#



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: 49.900 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.02 min

Lab File: VD062047.D

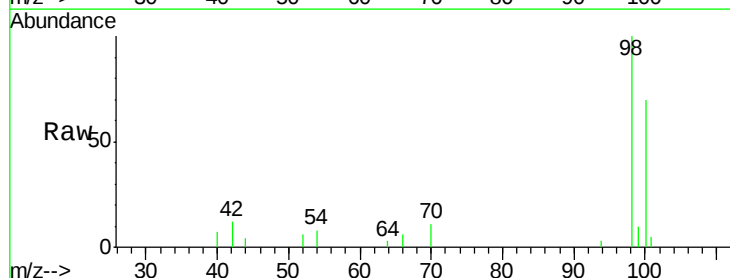
Acq: 25 Apr 2019 19:22

Tgt Ion: 98 Resp: 27472

Ion Ratio Lower Upper

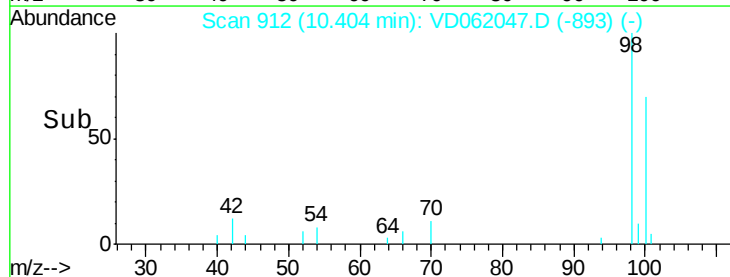
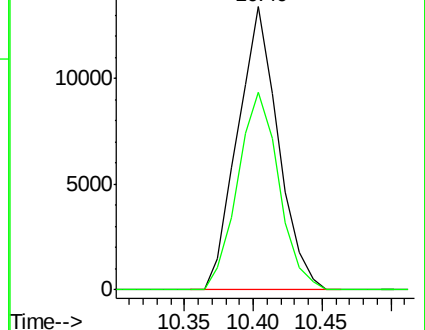
98 100

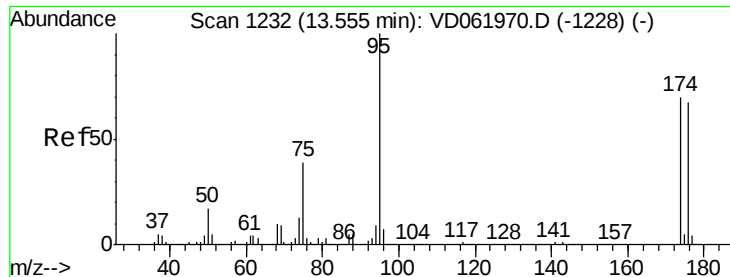
100 69.6 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

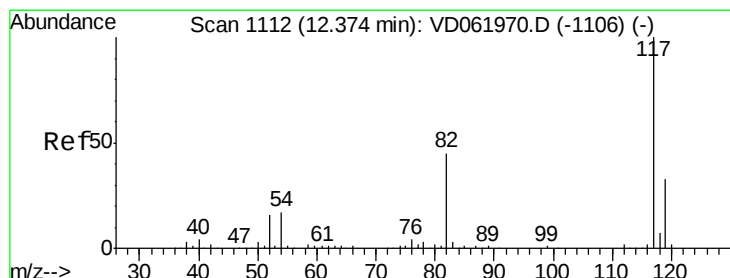
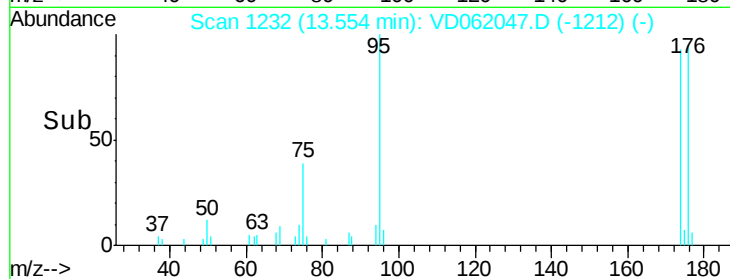
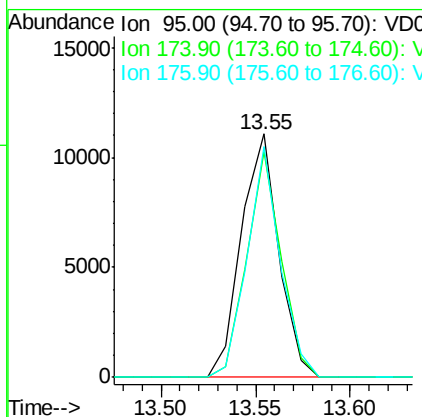
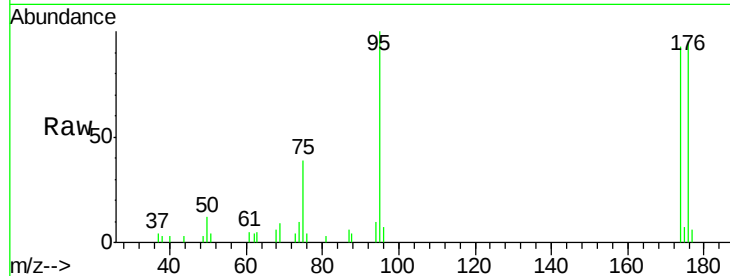




#62
 4-Bromofluorobenzene
 Concen: 68.464 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: VD062047.D
 Acq: 25 Apr 2019 19:22

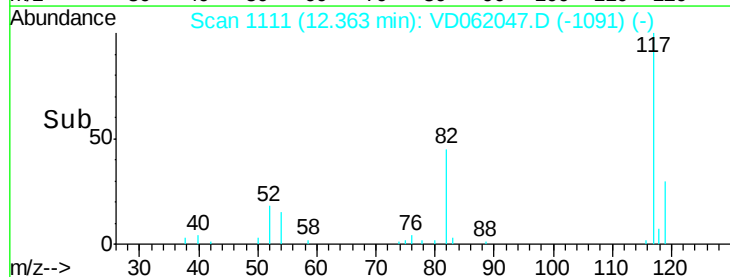
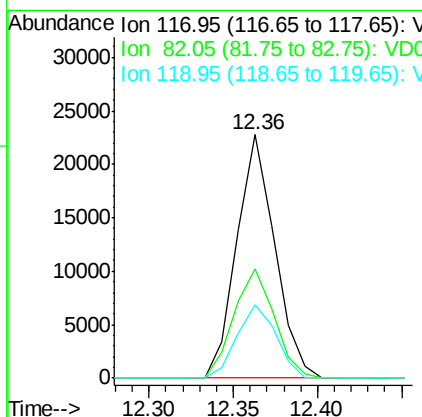
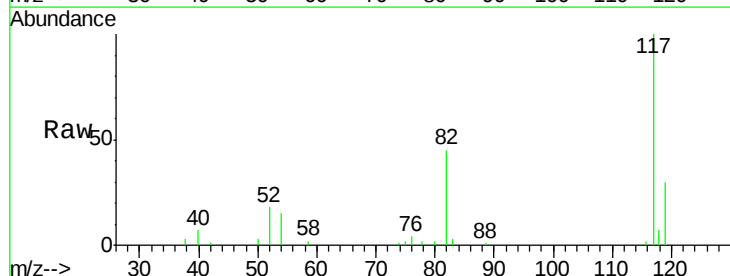
Instrument :
 MSVOA_D
 ClientSampled :

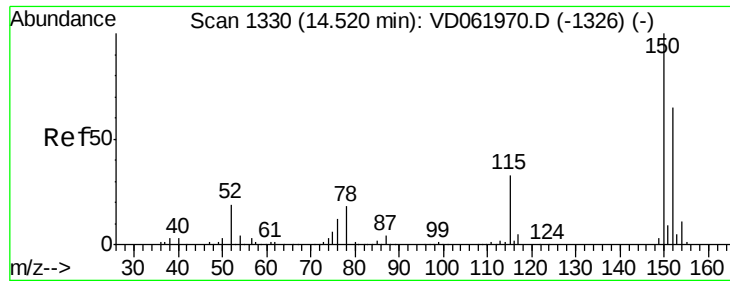
Tot Ion: 95 Resp: 15118
 Ion Ratio Lower Upper
 95 100
 174 92.9 0.0 181.8
 176 94.7 0.0 174.4



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.36 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: VD062047.D
 Acq: 25 Apr 2019 19:22

Tgt Ion: 117 Resp: 35696
 Ion Ratio Lower Upper
 117 100
 82 44.9 36.2 54.2
 119 30.3 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.01 min

Lab File: VD062047.D

Acq: 25 Apr 2019 19:22

Instrument :

MSVOA_D

ClientSampleId :

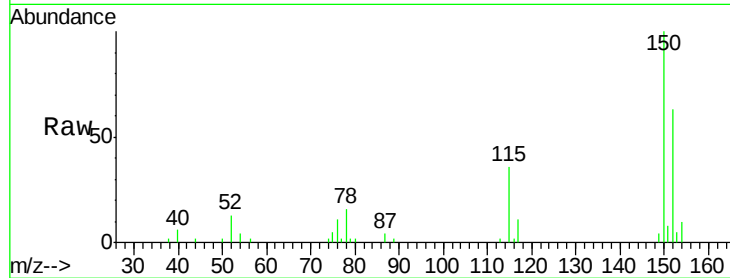
Tot Ion:152 Resp: 17769

Ion Ratio Lower Upper

152 100

115 57.2 30.9 92.7

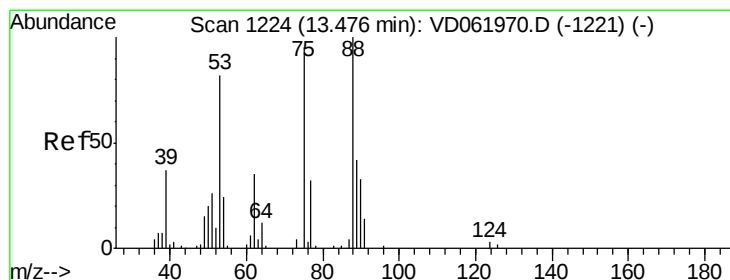
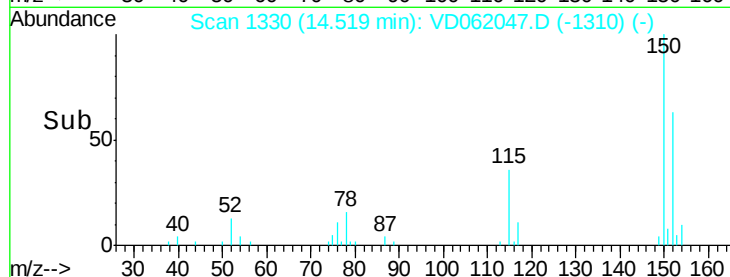
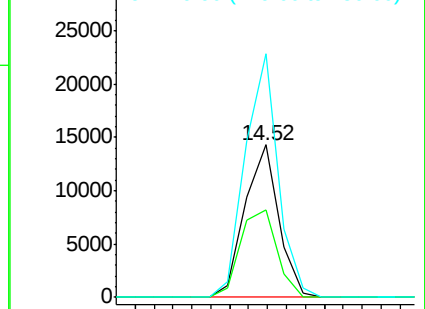
150 159.9 0.0 314.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V



#81

trans-1,4-Dichloro-2-butene

Concen: 84.677 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.07 min

Lab File: VD062047.D

Acq: 25 Apr 2019 19:22

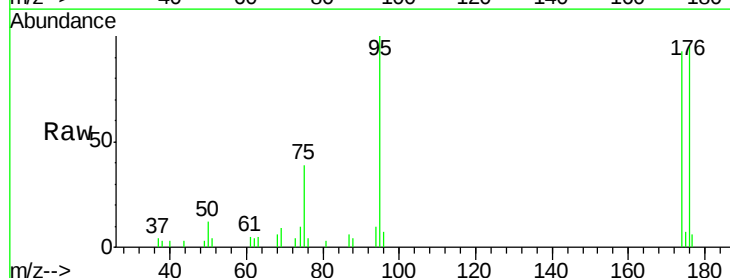
Tgt Ion: 75 Resp: 5790

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 53.00 (52.70 to 53.70): V

Ion 89.00 (88.70 to 89.70): V

