

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032119\
 Data File : VD061238.D
 Acq On : 21 Mar 2019 12:00
 Operator : VA/AP
 Sample : VD0321SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 22 04:29:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	690044	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1070649	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	908702	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	391875	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	271060	47.19	ug/l	0.02
Spiked Amount			Recovery	=	94.38%	
35) Dibromofluoromethane	6.94	113	440425	55.43	ug/l	0.02
Spiked Amount			Recovery	=	110.86%	
50) Toluene-d8	10.42	98	1002137	50.22	ug/l	0.02
Spiked Amount			Recovery	=	100.44%	
62) 4-Bromofluorobenzene	13.56	95	395908	51.14	ug/l	0.00
Spiked Amount			Recovery	=	102.28%	

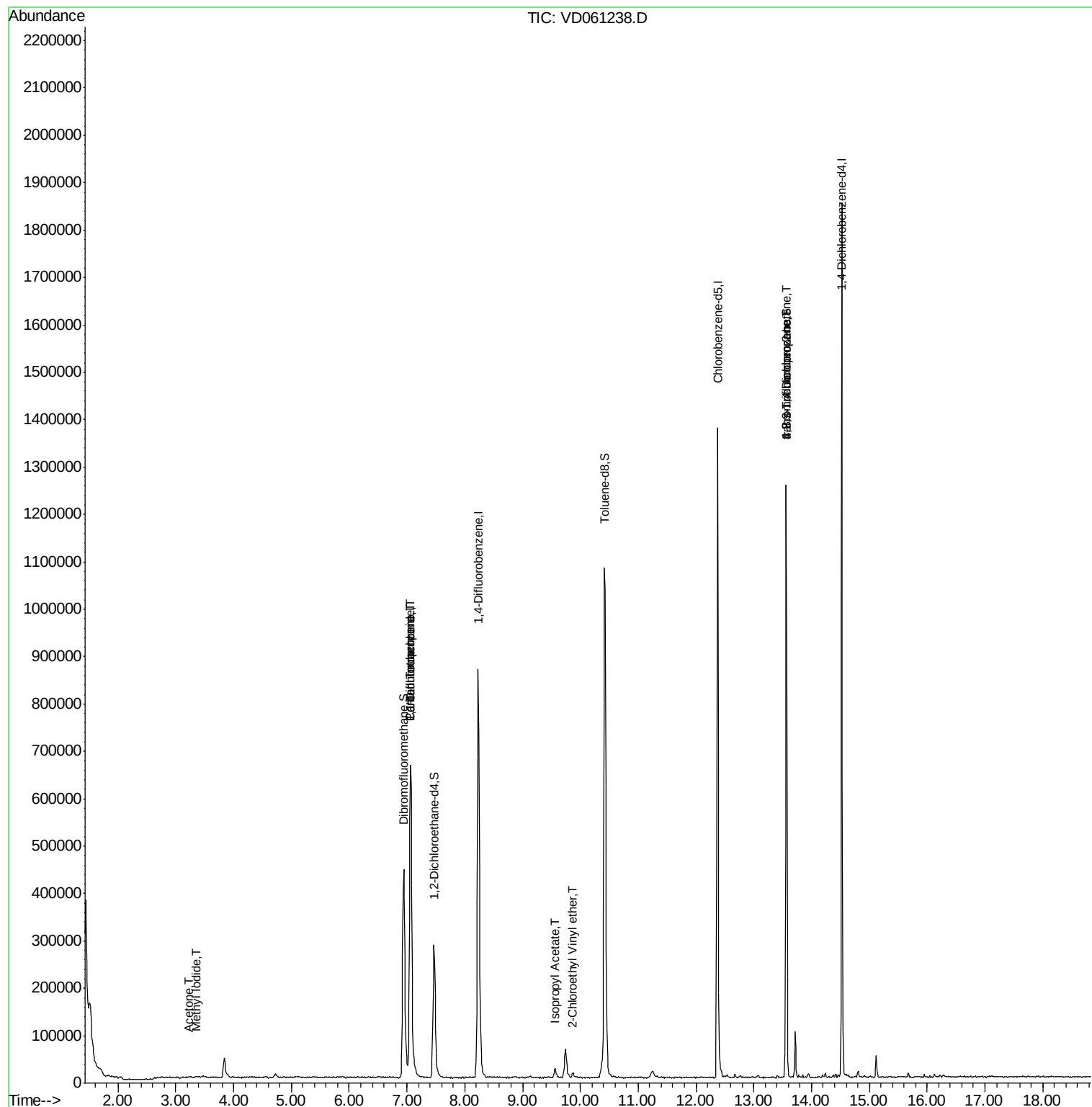
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.35	142	2893	3.168	ug/l #	89
16) Acetone	3.23	43	2500	1.522	ug/l #	48
20) Methylene Chloride	3.83	84	32155	Below Cal		95
36) 1,1-Dichloropropene	7.06	75	51017	5.528	ug/l #	45
38) Carbon Tetrachloride	7.06	117	67909	6.680	ug/l #	16
43) Isopropyl Acetate	9.56	43	17026	2.838	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.87	63	6495	2.455	ug/l	91
76) 1,2,3-Trichloropropane	13.56	75	111469	19.772	ug/l #	44
81) trans-1,4-Dichloro-2-buten	13.56	75	144878	87.163	ug/l #	17

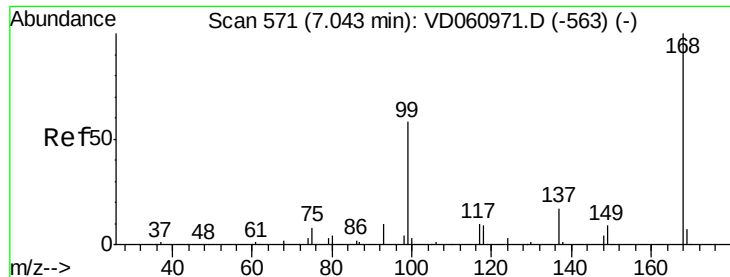
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032119\
Data File : VD061238.D
Acq On : 21 Mar 2019 12:00
Operator : VA/AP
Sample : VD0321SBL01
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Mar 22 04:29:03 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.02 min

Lab File: VD061238.D

Acq: 21 Mar 2019 12:00

Instrument :

MSVOA_D

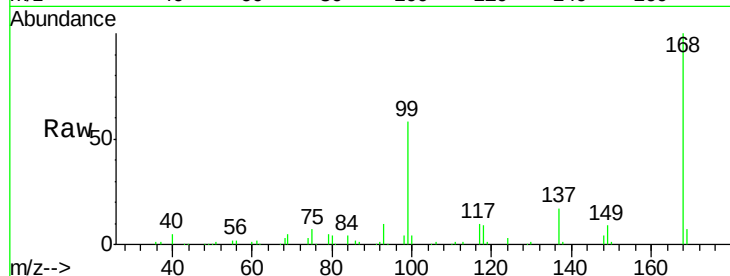
ClientSampleId :

Tot Ion:168 Resp: 690044

Ion Ratio Lower Upper

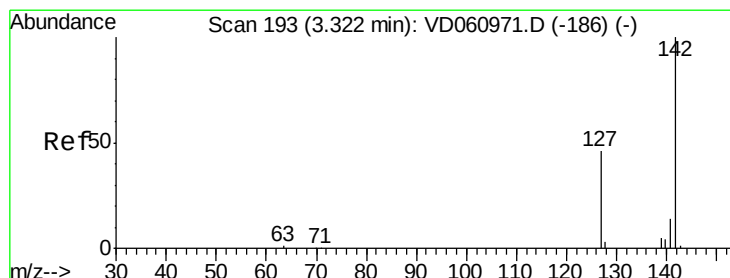
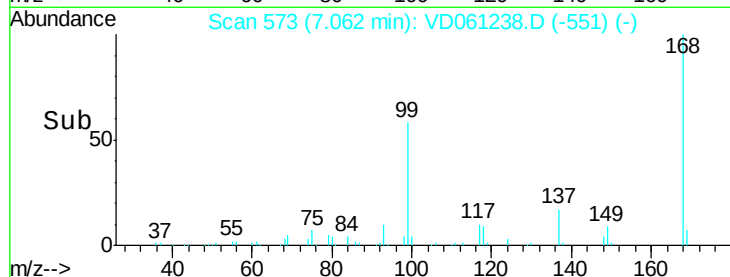
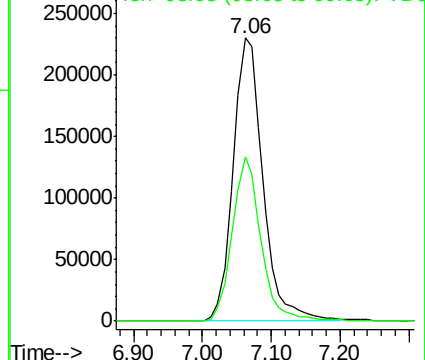
168 100

99 58.0 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#10

Methyl Iodide

Concen: 3.168 ug/l

RT: 3.35 min Scan# 196

Delta R.T. 0.03 min

Lab File: VD061238.D

Acq: 21 Mar 2019 12:00

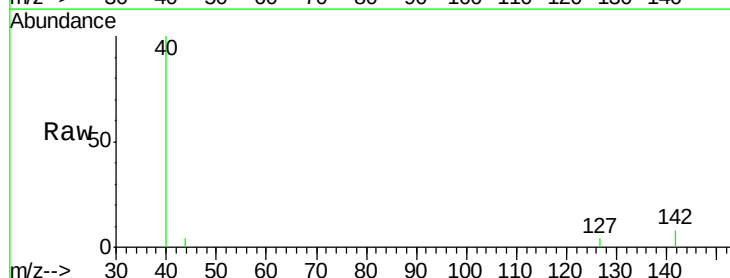
Tgt Ion:142 Resp: 2893

Ion Ratio Lower Upper

142 100

127 43.1 36.8 55.2

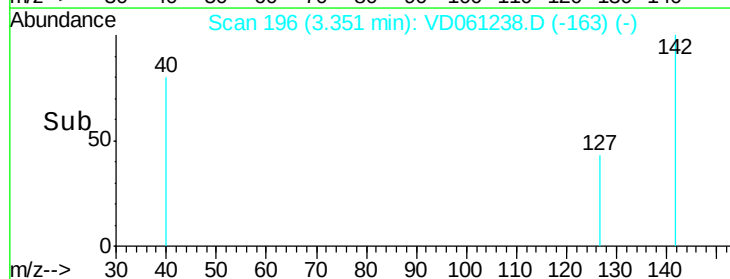
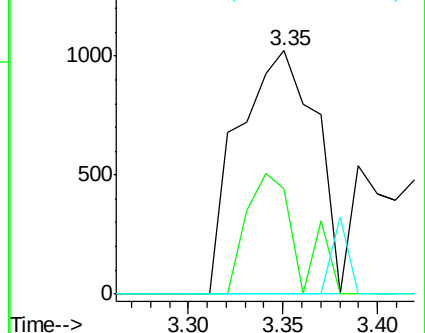
141 0.0 11.2 16.8#

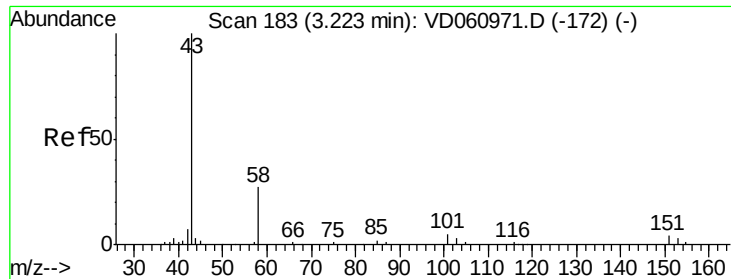


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V





#16

Acetone

Concen: 1.522 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.01 min

Lab File: VD061238.D

Acq: 21 Mar 2019 12:00

Instrument :

MSVOA_D

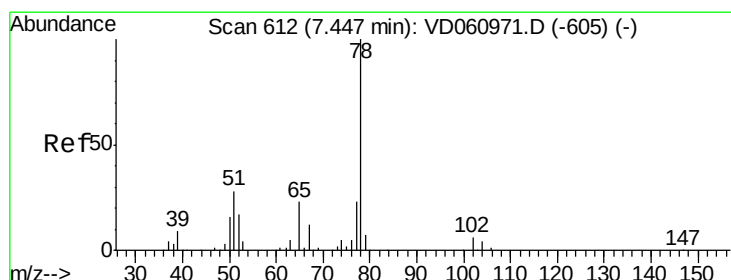
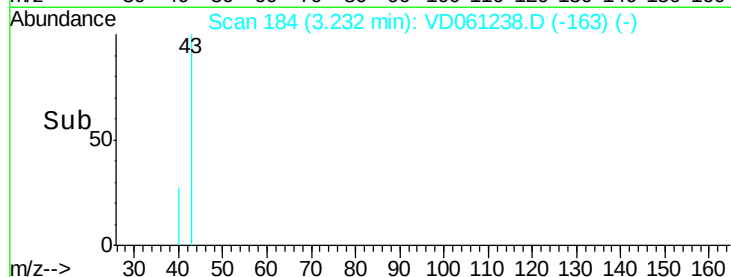
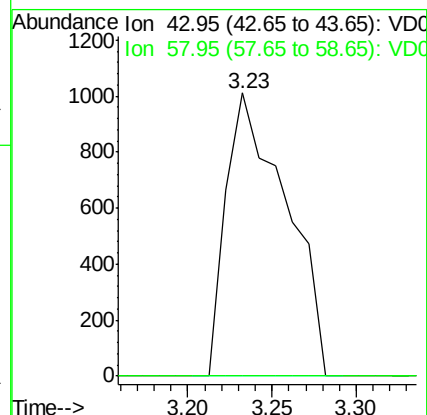
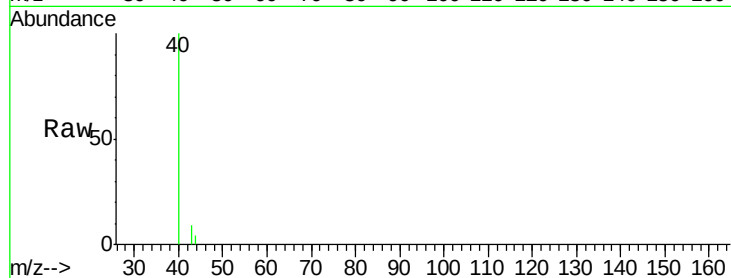
ClientSampleId :

Tot Ion: 43 Resp: 2500

Ion Ratio Lower Upper

43 100

58 0.0 21.6 32.4#



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.02 min

Lab File: VD061238.D

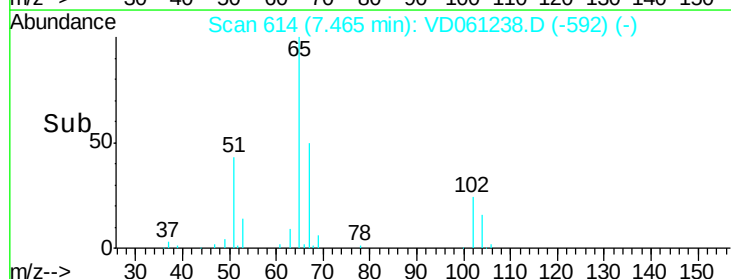
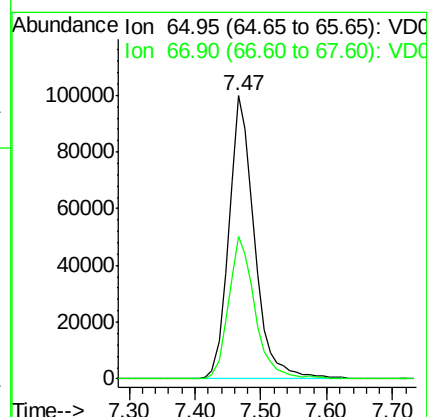
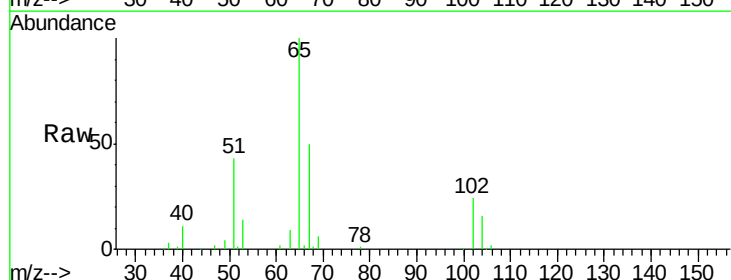
Acq: 21 Mar 2019 12:00

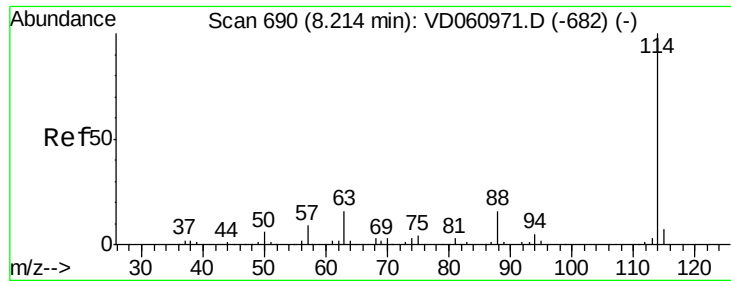
Tgt Ion: 65 Resp: 271060

Ion Ratio Lower Upper

65 100

67 50.4 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 692

Delta R.T. 0.02 min

Lab File: VD061238.D

Acq: 21 Mar 2019 12:00

Instrument :

MSVOA_D

ClientSampled :

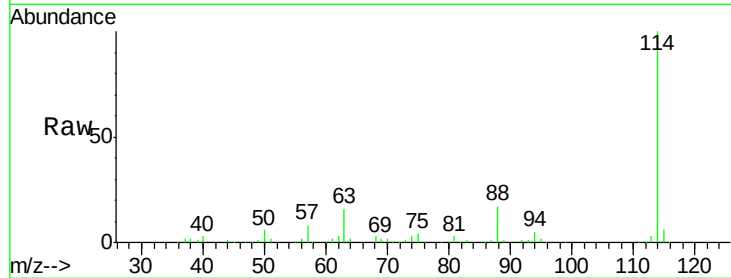
Tot Ion:114 Resp: 1070649

Ion Ratio Lower Upper

114 100

63 16.5 0.0 31.4

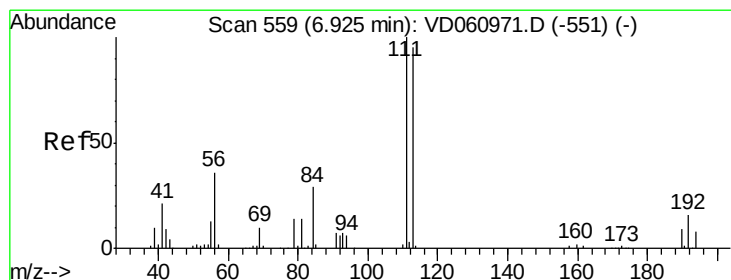
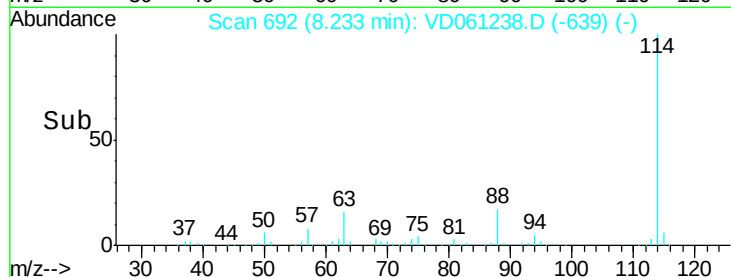
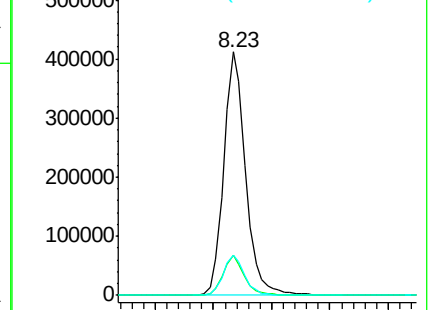
88 16.7 0.0 33.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.94 min Scan# 561

Delta R.T. 0.02 min

Lab File: VD061238.D

Acq: 21 Mar 2019 12:00

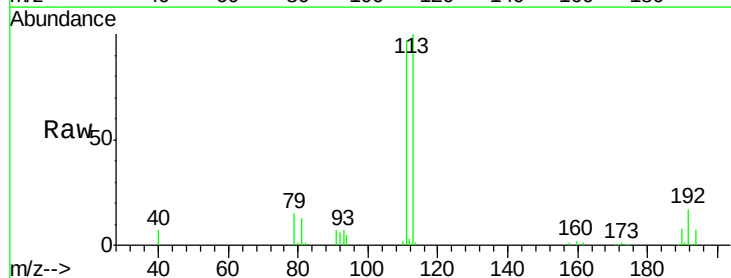
Tgt Ion:113 Resp: 440425

Ion Ratio Lower Upper

113 100

111 97.2 84.2 126.4

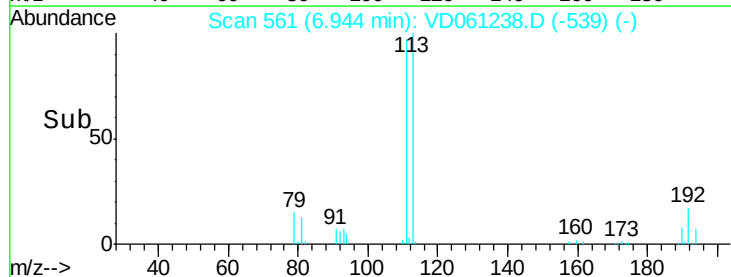
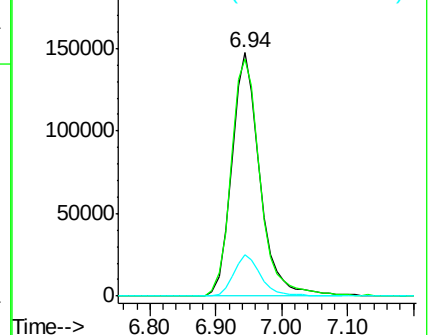
192 16.9 13.1 19.7

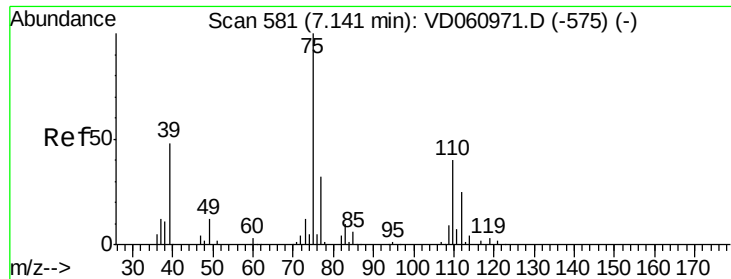


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

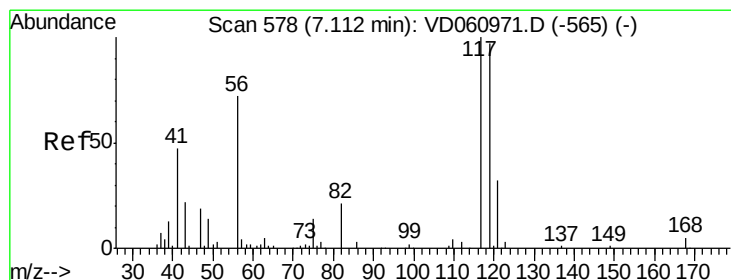
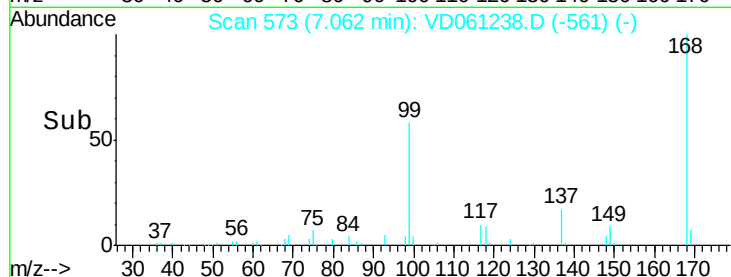
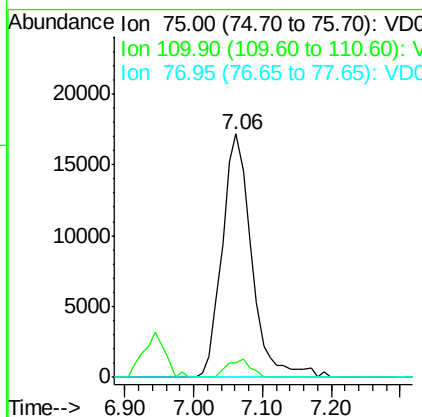
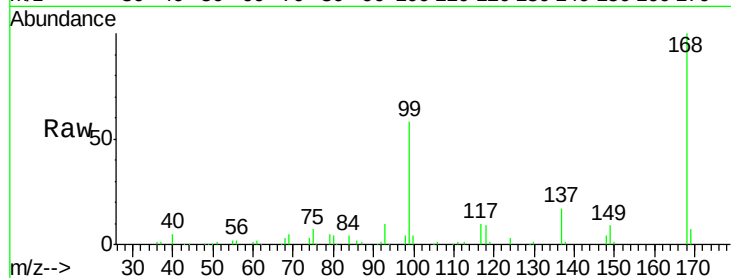




#36
 1,1-Dichloropropene
 Concen: 5.528 ug/l
 RT: 7.06 min Scan# 573
 Delta R.T. -0.08 min
 Lab File: VD061238.D
 Acq: 21 Mar 2019 12:00

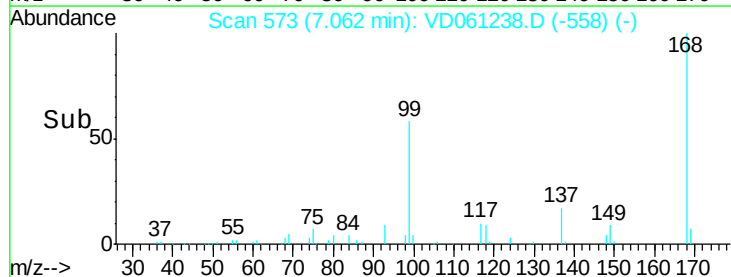
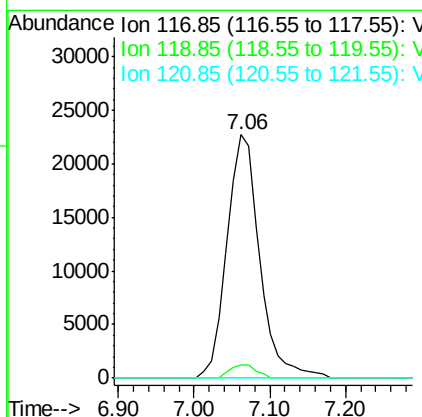
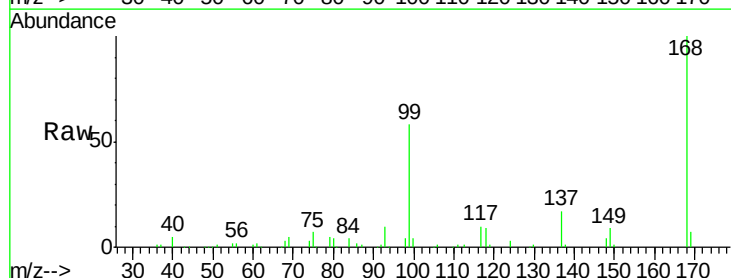
Instrument :
 MSVOA_D
 ClientSampled :

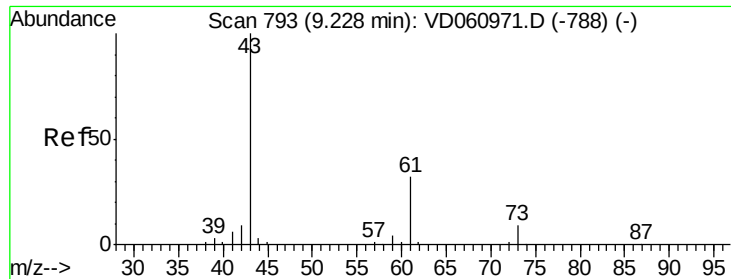
Tot Ion	75	Resp	51017
Ion Ratio	Lower	Upper	
75	100		
110	5.9	19.7	59.1#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.680 ug/l
 RT: 7.06 min Scan# 573
 Delta R.T. -0.05 min
 Lab File: VD061238.D
 Acq: 21 Mar 2019 12:00

Tgt Ion	117	Resp	67909
Ion Ratio	Lower	Upper	
117	100		
119	5.4	77.8	116.8#
121	0.0	25.3	37.9#





#43

Isopropyl Acetate

Concen: 2.838 ug/l

RT: 9.56 min Scan# 827

Delta R.T. 0.33 min

Lab File: VD061238.D

Acq: 21 Mar 2019 12:00

Instrument :

MSVOA_D

ClientSampleId :

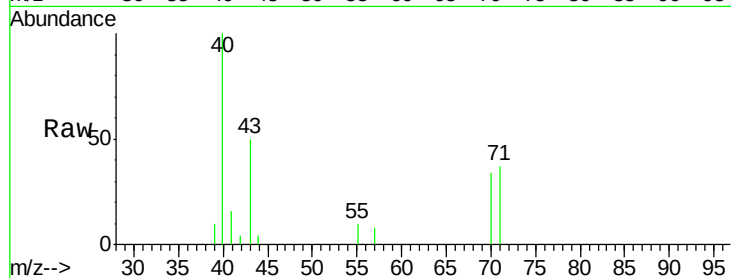
Tot Ion: 43 Resp: 17026

Ion Ratio Lower Upper

43 100

61 0.0 25.6 38.4#

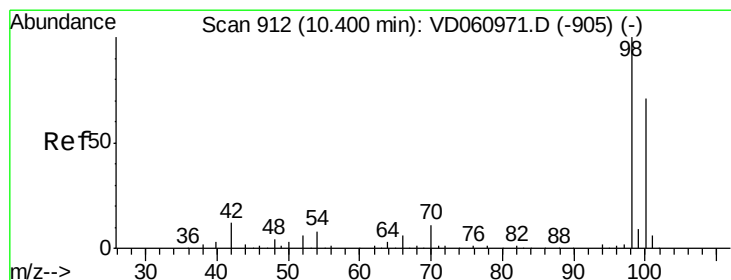
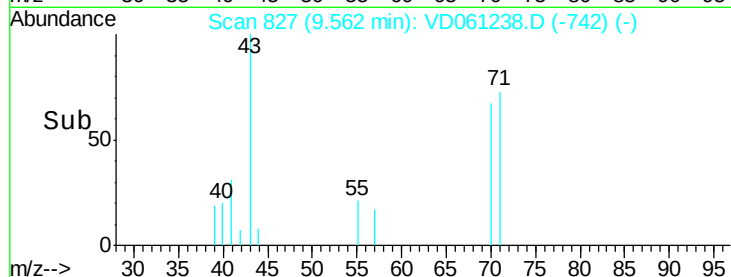
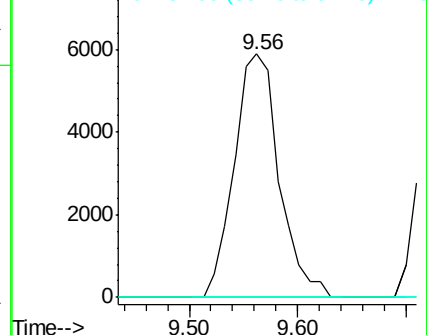
87 0.0 0.2 0.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD061238.D

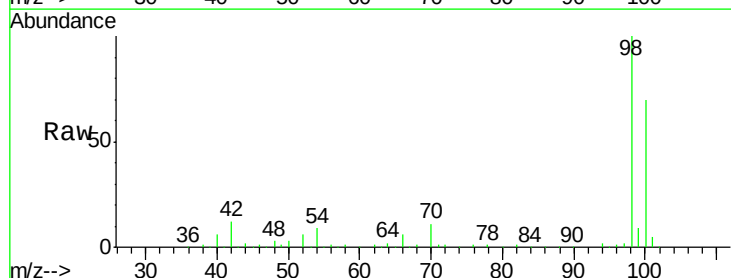
Acq: 21 Mar 2019 12:00

Tgt Ion: 98 Resp: 1002137

Ion Ratio Lower Upper

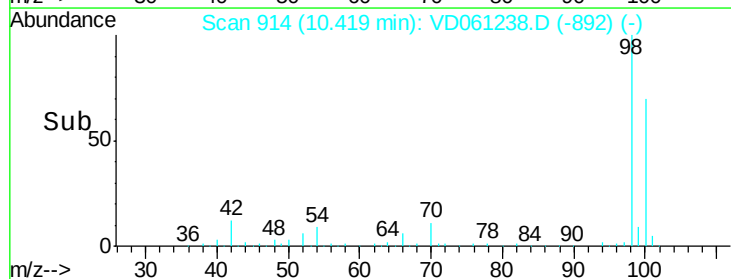
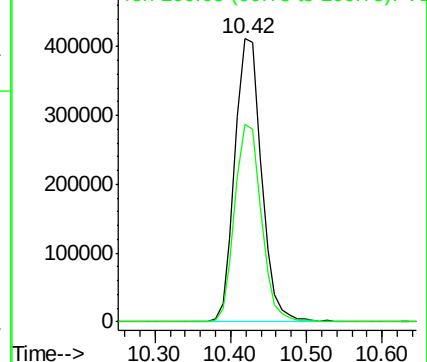
98 100

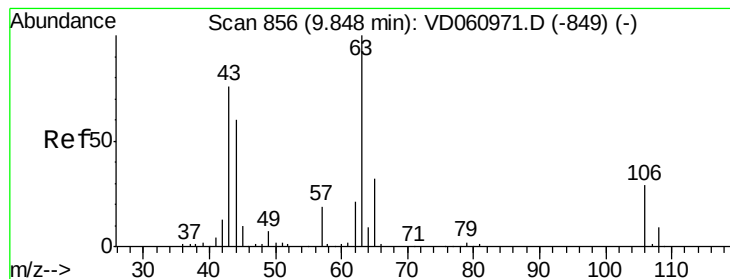
100 69.9 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#58

2-Chloroethyl Vinyl ether

Concen: 2.455 ug/l

RT: 9.87 min Scan# 858

Delta R.T. 0.02 min

Lab File: VD061238.D

Acq: 21 Mar 2019 12:00

Instrument :

MSVOA_D

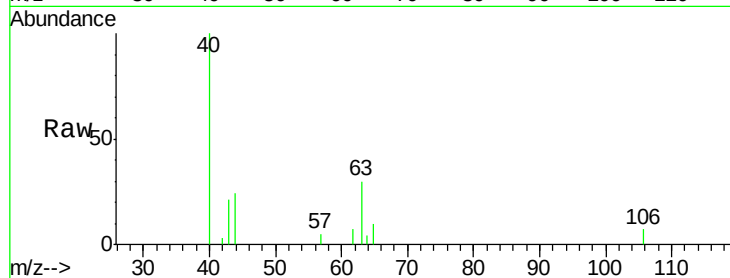
ClientSampleId :

Tot Ion: 63 Resp: 6495

Ion Ratio Lower Upper

63 100

106 23.9 22.8 34.2



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): V

9.87

3000

2000

1000

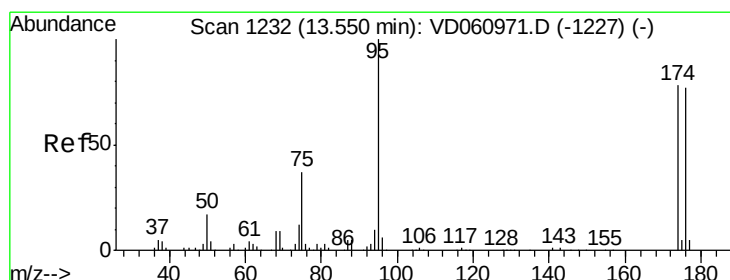
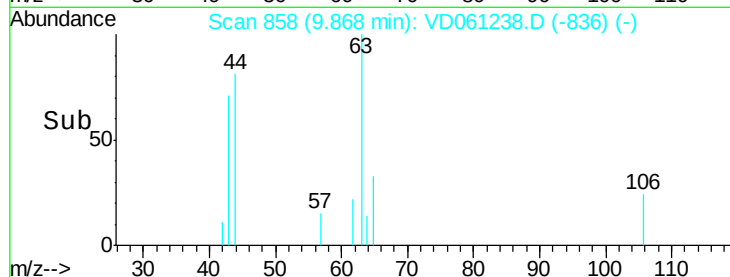
0

9.80

9.85

9.90

Time-->



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061238.D

Acq: 21 Mar 2019 12:00

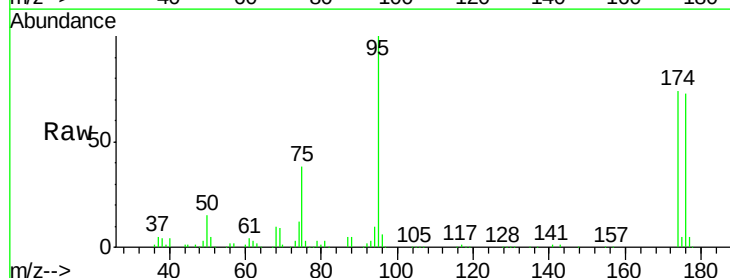
Tgt Ion: 95 Resp: 395908

Ion Ratio Lower Upper

95 100

174 74.2 0.0 155.6

176 72.7 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

400000

300000

200000

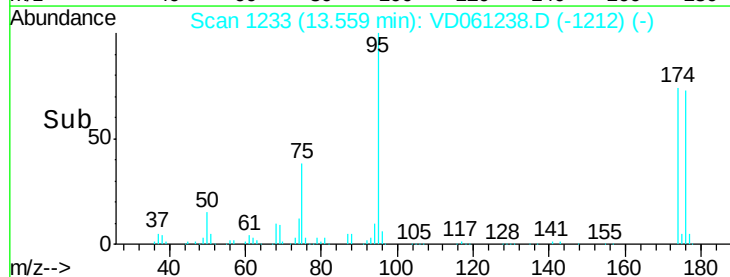
100000

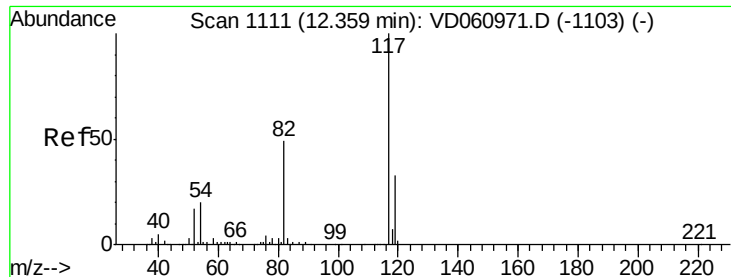
0

13.50

13.56

Time-->

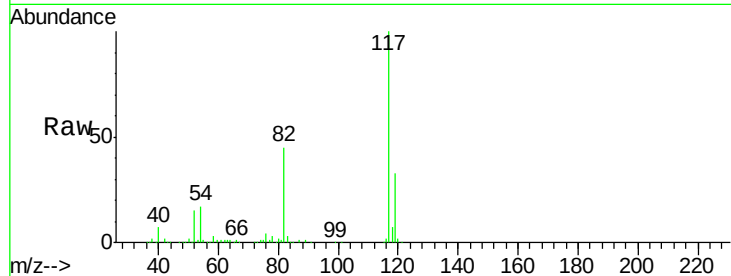




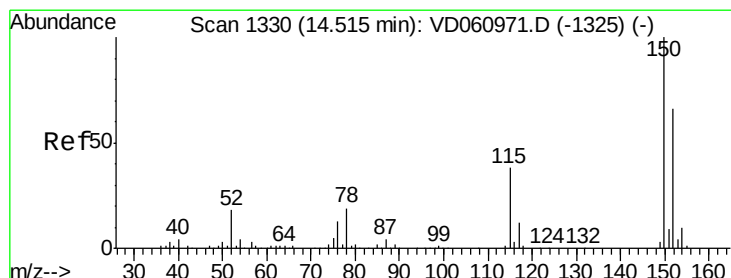
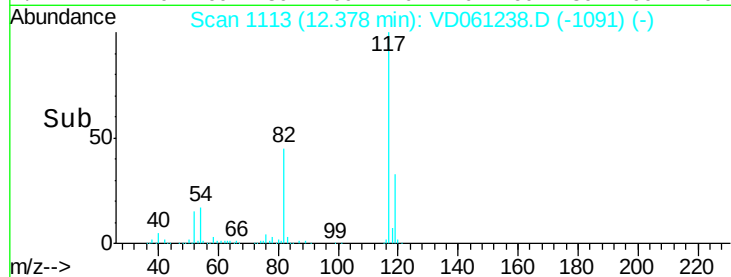
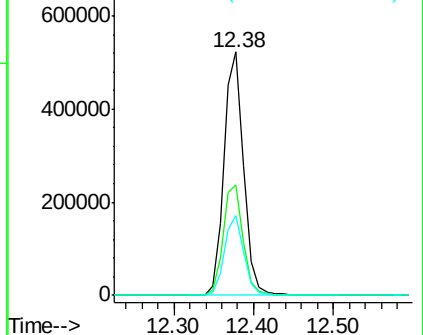
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD061238.D
Acq: 21 Mar 2019 12:00

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 908702
Ion Ratio Lower Upper
117 100
82 45.4 38.9 58.3
119 32.9 26.6 39.8

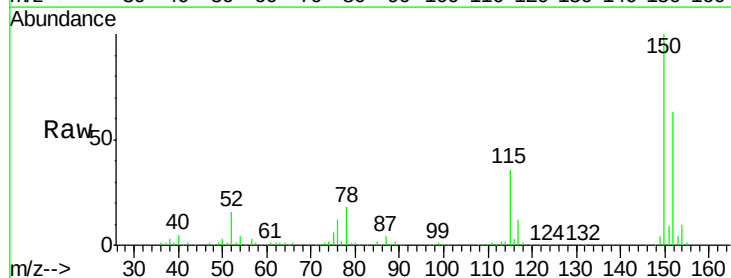


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

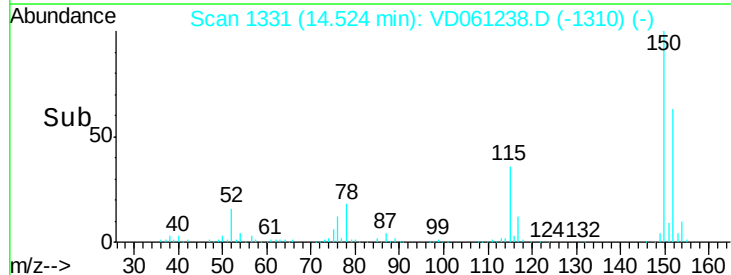
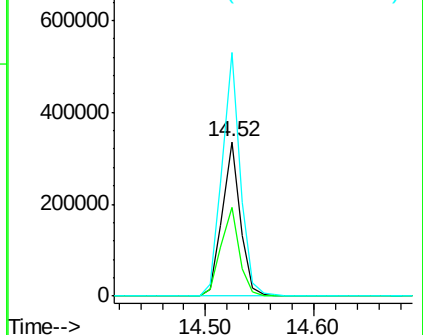


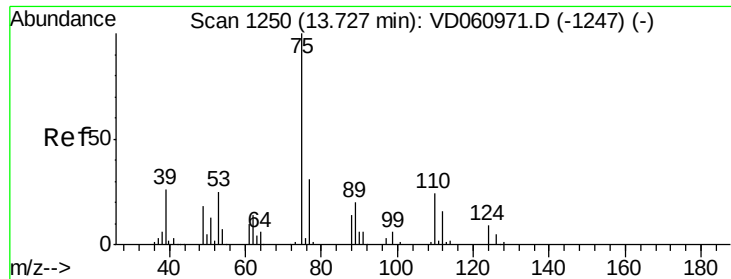
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD061238.D
Acq: 21 Mar 2019 12:00

Tgt Ion:152 Resp: 391875
Ion Ratio Lower Upper
152 100
115 57.5 28.6 85.9
150 157.7 0.0 310.6



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





#76

1,2,3-Trichloropropane

Concen: 19.772 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.17 min

Lab File: VD061238.D

Acq: 21 Mar 2019 12:00

Instrument :

MSVOA_D

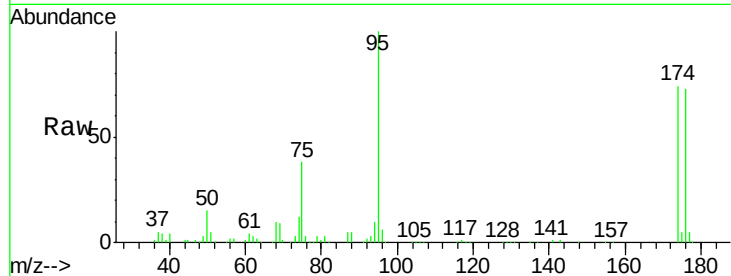
ClientSampled :

Tot Ion: 75 Resp: 111469

Ion Ratio Lower Upper

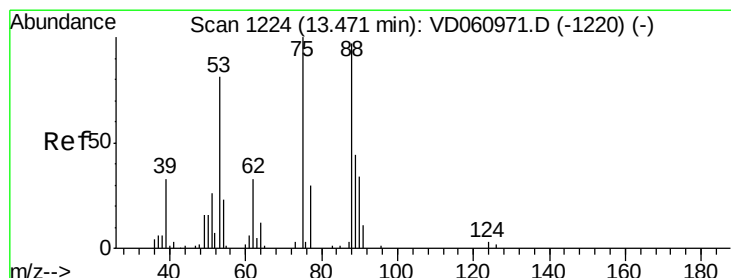
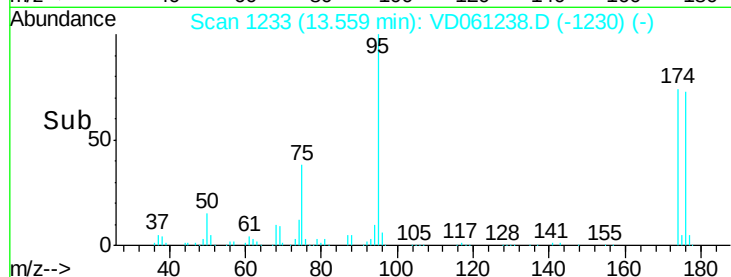
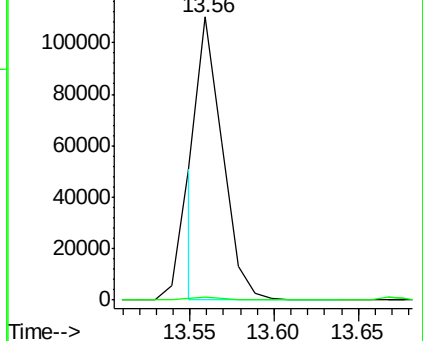
75 100

77 1.2 16.6 49.7#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 87.163 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD061238.D

Acq: 21 Mar 2019 12:00

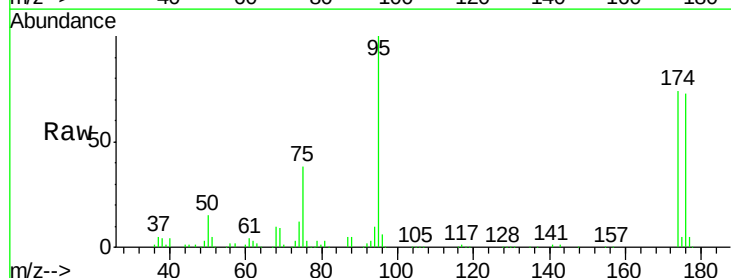
Tgt Ion: 75 Resp: 144878

Ion Ratio Lower Upper

75 100

53 0.0 64.4 96.6#

89 0.0 34.8 52.2#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

