

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051419\
 Data File : VD062352.D
 Acq On : 14 May 2019 17:52
 Operator : FY/SY
 Sample : K2757-06RE
 Misc : 4.94g/5mL/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS010-0002-01RE

Quant Time: May 15 02:01:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	624990	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.24	114	829948	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.38	117	547148	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	184351	50.00	ug/l	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	284183	48.93	ug/l	0.05
Spiked Amount 50.000			Recovery	=	97.86%	
35) Dibromofluoromethane	6.95	113	326626	47.43	ug/l	0.06
Spiked Amount 50.000			Recovery	=	94.86%	
50) Toluene-d8	10.42	98	632138	38.07	ug/l	0.03
Spiked Amount 50.000			Recovery	=	76.14%	
62) 4-Bromofluorobenzene	13.56	95	218240	32.73	ug/l	0.02
Spiked Amount 50.000			Recovery	=	65.46%	

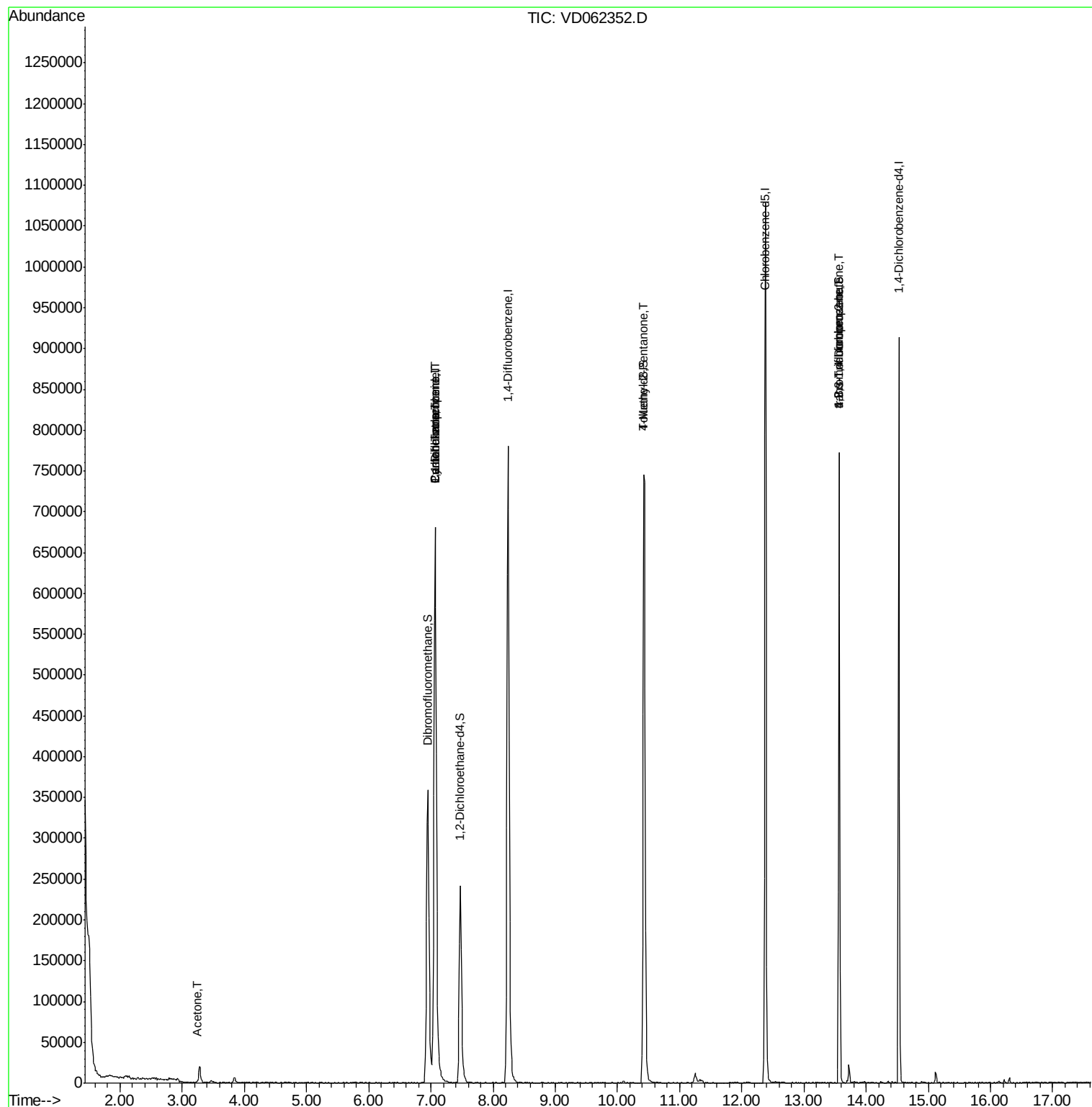
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.24	43	3449	2.832	ug/l #	50
18) Methyl Acetate	3.49	43	441	Below Cal	#	53
31) Cyclohexane	7.07	56	12568	2.062	ug/l #	1
36) 1,1-Dichloropropene	7.07	75	52548	7.722	ug/l #	48
38) Carbon Tetrachloride	7.07	117	65986	7.006	ug/l #	16
51) 4-Methyl-2-Pentanone	10.43	43	3680	1.399	ug/l #	1
76) 1,2,3-Trichloropropane	13.56	75	94234	43.012	ug/l #	43
81) trans-1,4-Dichloro-2-buten	13.56	75	95875	155.014	ug/l #	16

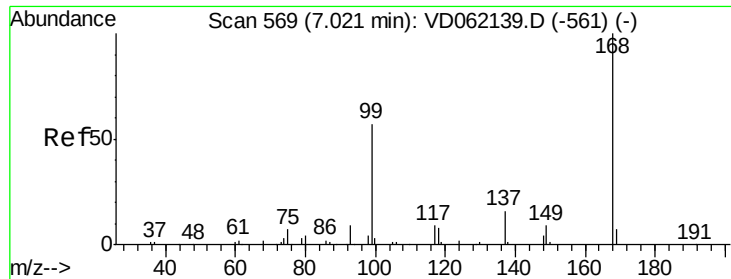
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051419\
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Quant Time: May 15 02:01:12 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.05 min

Lab File: VD062352.D

Acq: 14 May 2019 17:52

Instrument :

MSVOA_D

ClientSampleId :

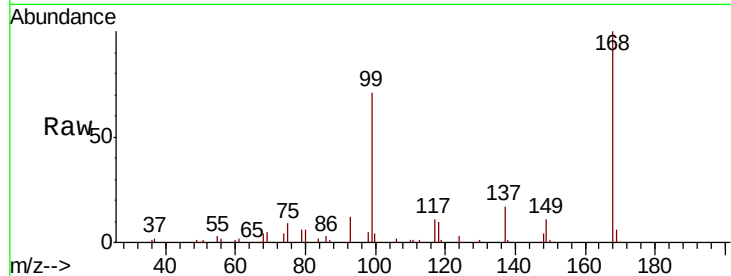
P021-SS010-0002-01RE

Tot Ion:168 Resp: 624990

Ion Ratio Lower Upper

168 100

99 71.0 46.5 69.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.07

250000

200000

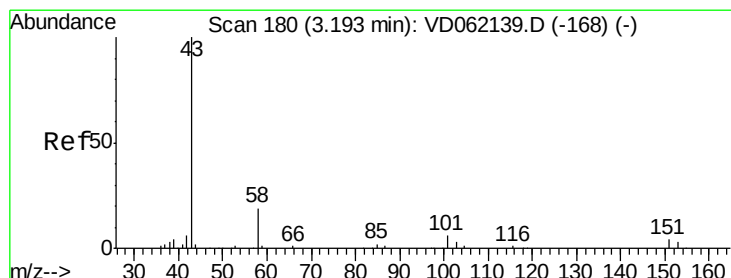
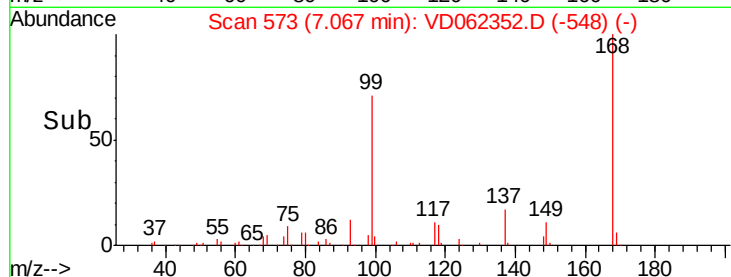
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 2.832 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.05 min

Lab File: VD062352.D

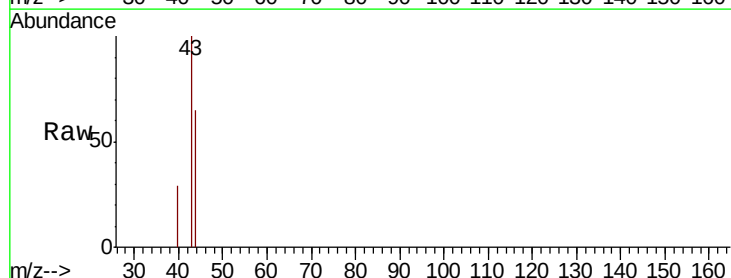
Acq: 14 May 2019 17:52

Tgt Ion: 43 Resp: 3449

Ion Ratio Lower Upper

43 100

58 0.0 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

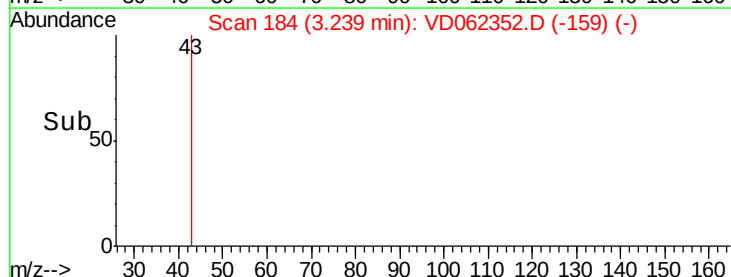
1500

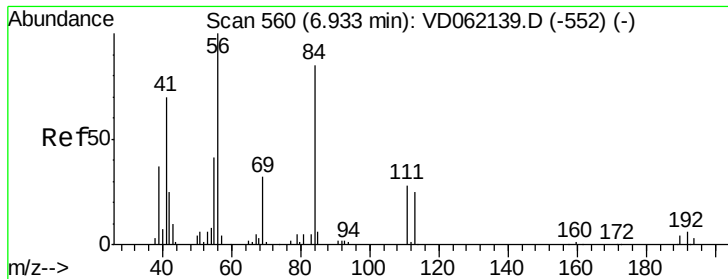
1000

500

0

Time--> 3.15 3.20 3.25 3.30 3.35

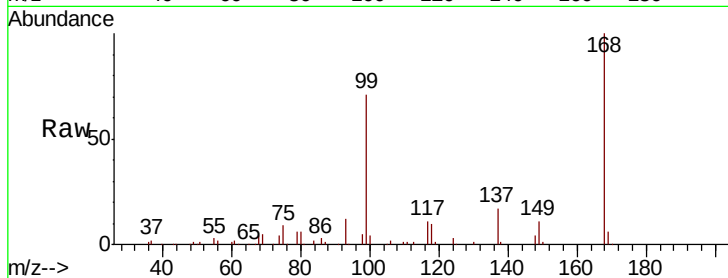




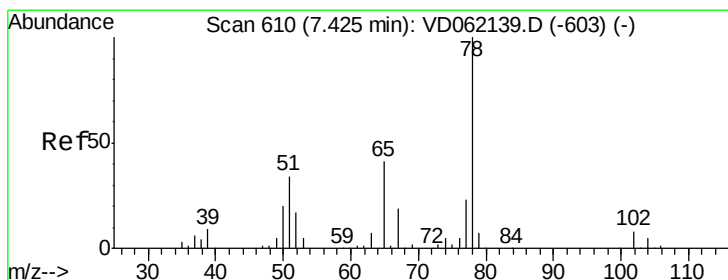
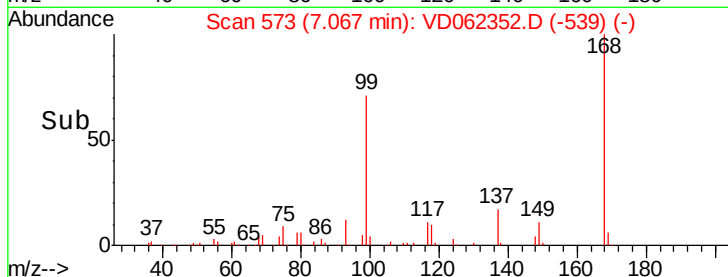
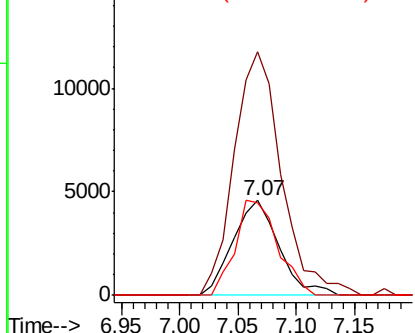
#31
Cyclohexane
Concen: 2.062 ug/l
RT: 7.07 min Scan# 573
Delta R.T. 0.13 min
Lab File: VD062352.D
Acq: 14 May 2019 17:52

Instrument :
MSVOA_D
ClientSampleId :
P021-SS010-0002-01RE

Tot Ion: 56 Resp: 12568
Ion Ratio Lower Upper
56 100
69 256.5 25.8 38.6#
84 97.8 72.2 108.4

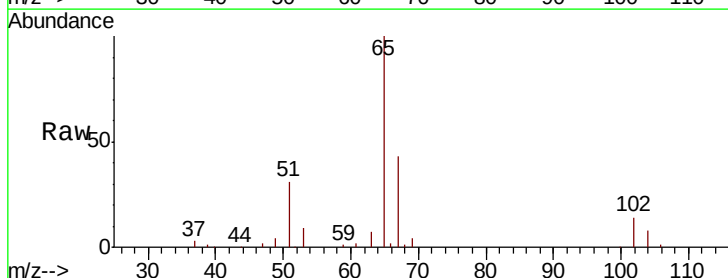


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

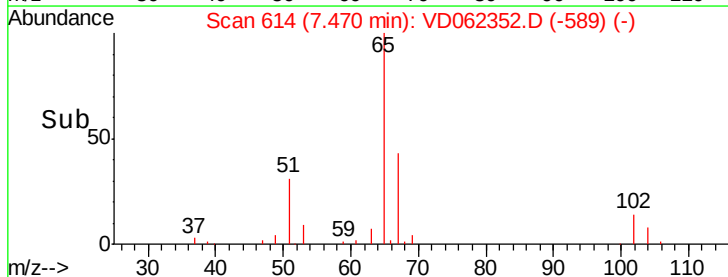
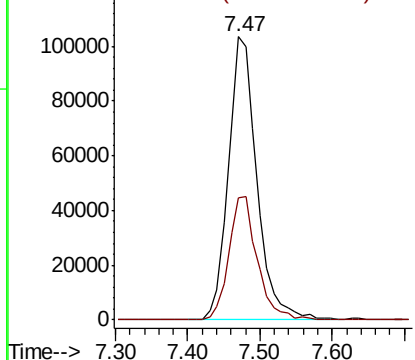


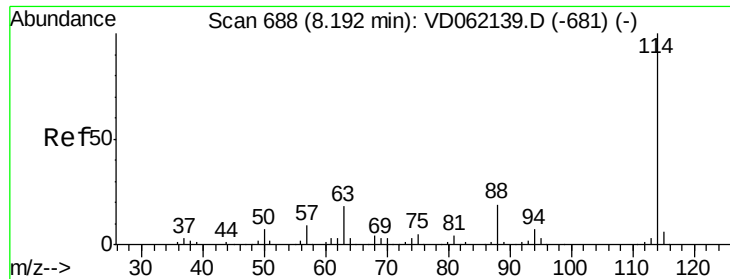
#33
1,2-Dichloroethane-d4
Concen: 48.929 ug/l
RT: 7.47 min Scan# 614
Delta R.T. 0.05 min
Lab File: VD062352.D
Acq: 14 May 2019 17:52

Tgt Ion: 65 Resp: 284183
Ion Ratio Lower Upper
65 100
67 43.2 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

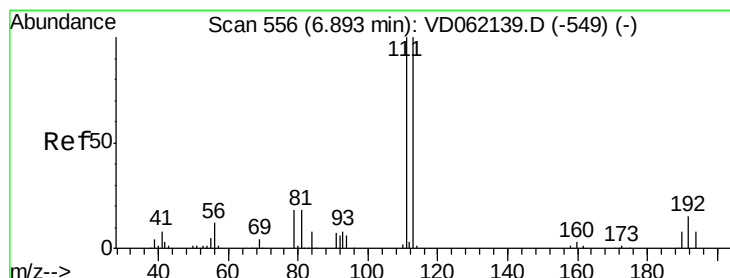
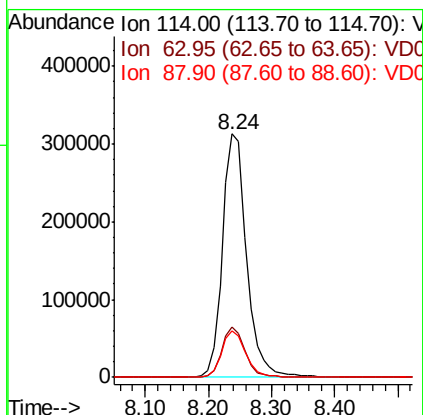
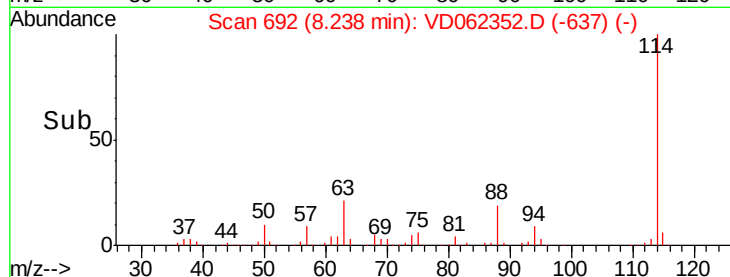
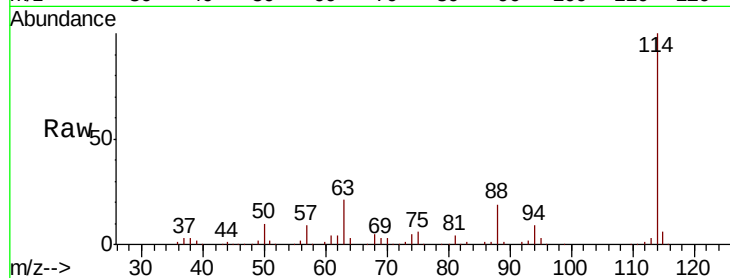




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.05 min
 Lab File: VD062352.D
 Acq: 14 May 2019 17:52

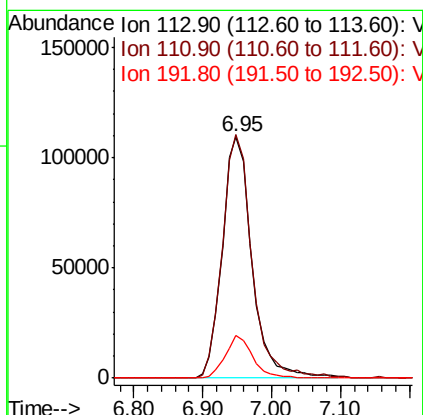
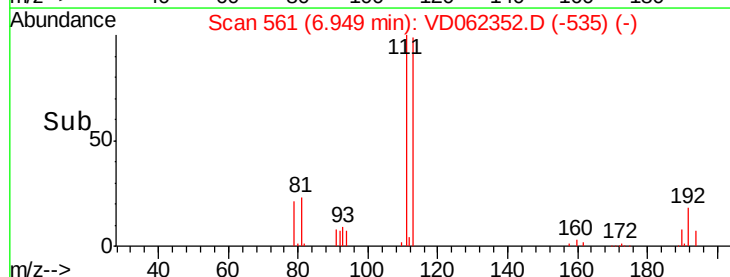
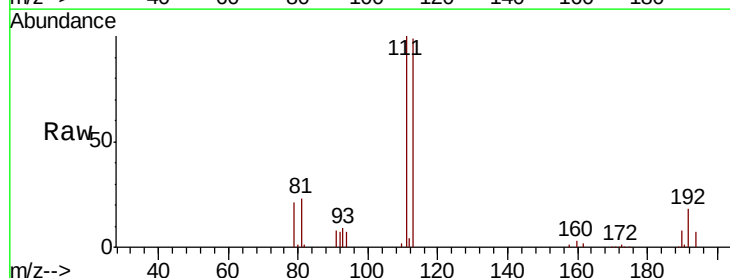
Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS010-0002-01RE

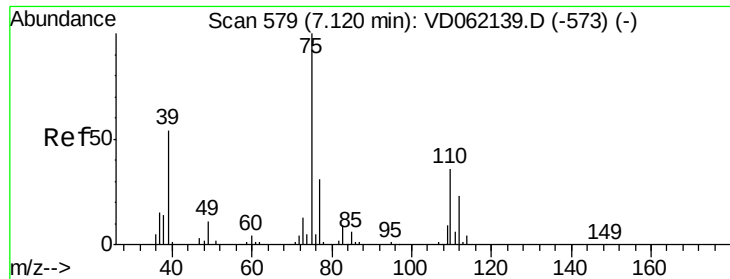
Tot Ion:114 Resp: 829948
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 32.4
 88 19.3 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 47.432 ug/l
 RT: 6.95 min Scan# 561
 Delta R.T. 0.06 min
 Lab File: VD062352.D
 Acq: 14 May 2019 17:52

Tgt Ion:113 Resp: 326626
 Ion Ratio Lower Upper
 113 100
 111 100.8 78.5 117.7
 192 17.8 13.0 19.4

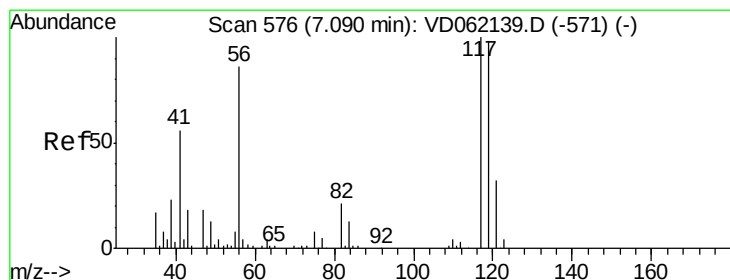
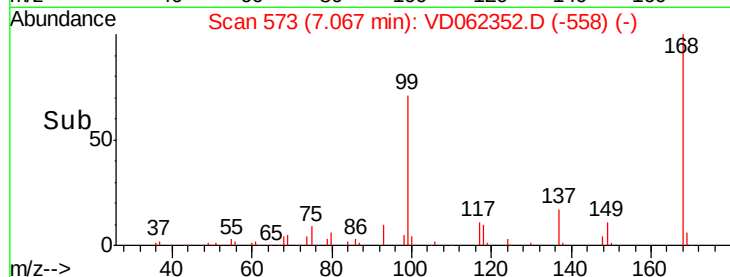
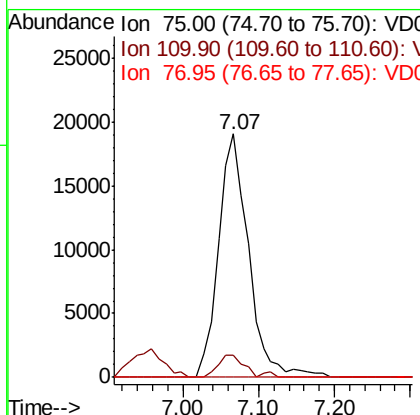
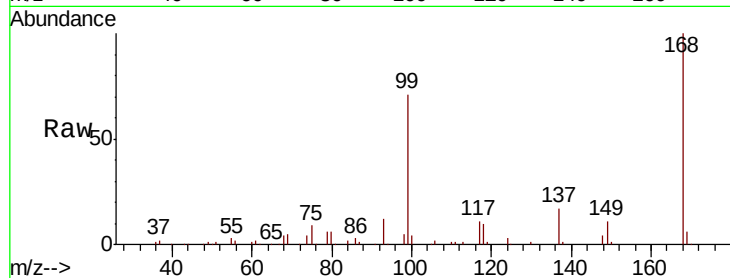




#36
 1,1-Dichloropropene
 Concen: 7.722 ug/l
 RT: 7.07 min Scan# 573
 Delta R.T. -0.05 min
 Lab File: VD062352.D
 Acq: 14 May 2019 17:52

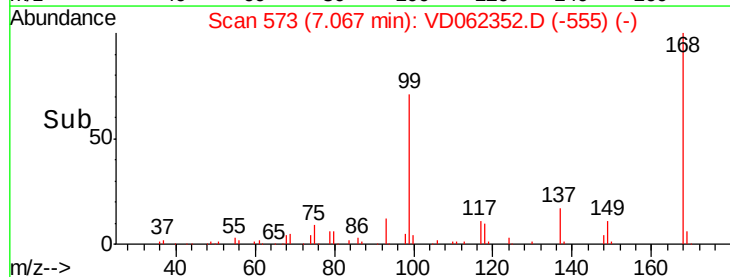
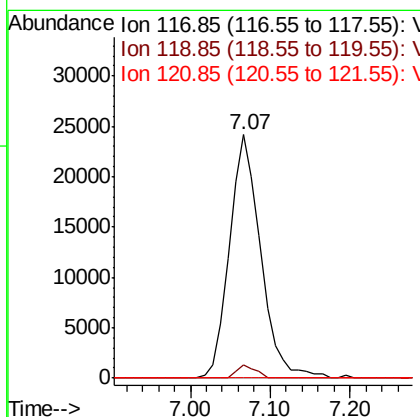
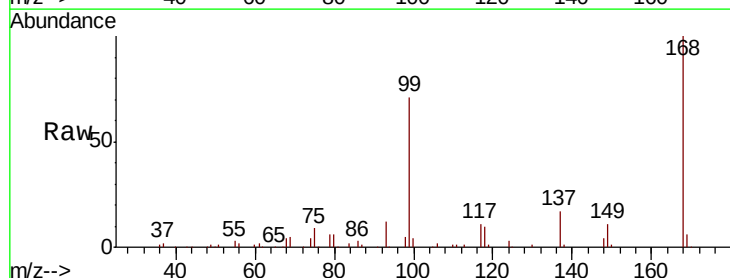
Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS010-0002-01RE

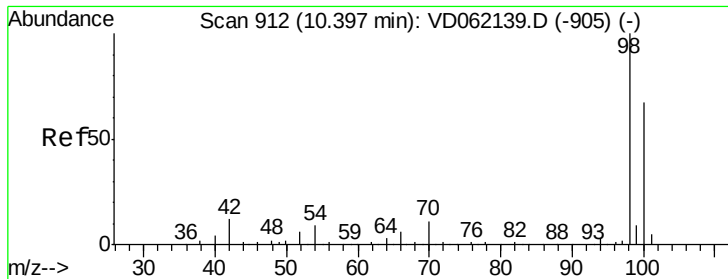
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.0	19.1	57.1#
77	0.0	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 7.006 ug/l
 RT: 7.07 min Scan# 573
 Delta R.T. -0.02 min
 Lab File: VD062352.D
 Acq: 14 May 2019 17:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.2	75.8	113.8#
121	0.0	25.9	38.9#

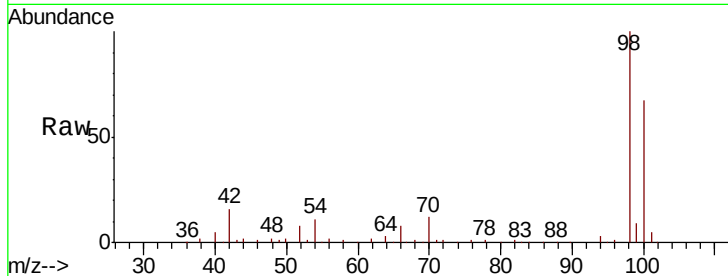




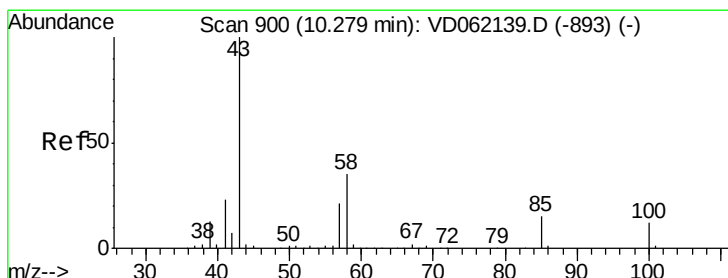
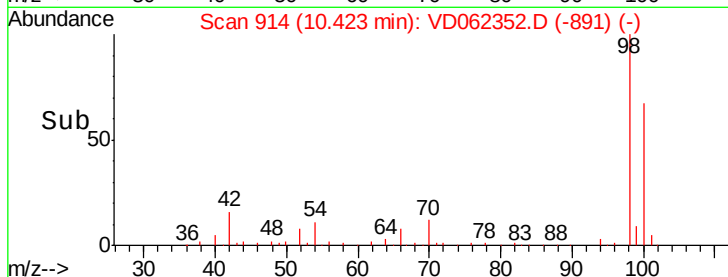
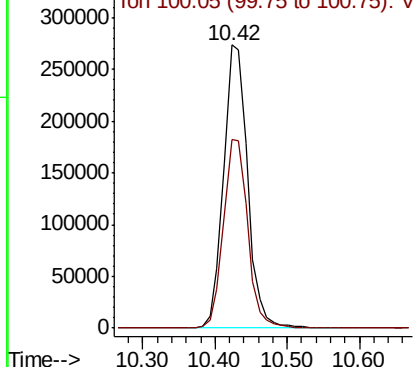
#50
Toluene-d8
Concen: 38.074 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.03 min
Lab File: VD062352.D
Acq: 14 May 2019 17:52

Instrument :
MSVOA_D
ClientSampleId :
P021-SS010-0002-01RE

Tot Ion: 98 Resp: 632138
Ion Ratio Lower Upper
98 100
100 66.6 53.8 80.8

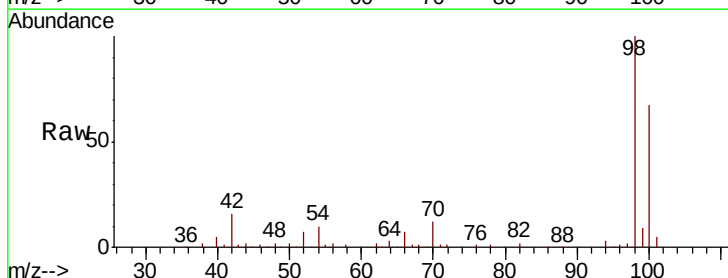


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

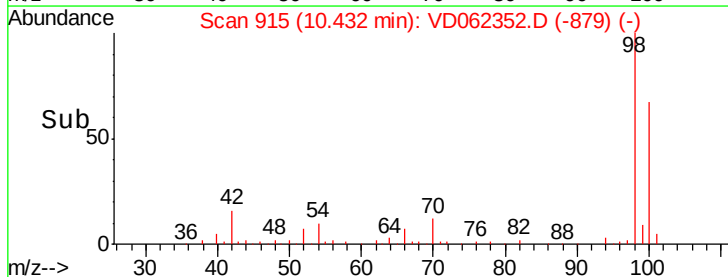
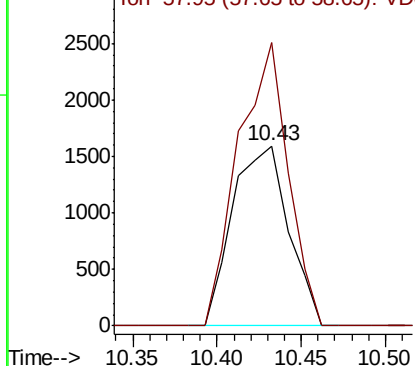


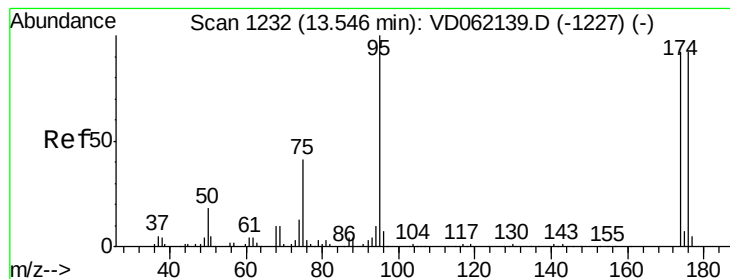
#51
4-Methyl-2-Pentanone
Concen: 1.399 ug/l
RT: 10.43 min Scan# 915
Delta R.T. 0.15 min
Lab File: VD062352.D
Acq: 14 May 2019 17:52

Tgt Ion: 43 Resp: 3680
Ion Ratio Lower Upper
43 100
58 157.0 30.4 45.6#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC





#62

4-Bromofluorobenzene

Concen: 32.733 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.02 min

Lab File: VD062352.D

Acq: 14 May 2019 17:52

Instrument :

MSVOA_D

ClientSampleId :

P021-SS010-0002-01RE

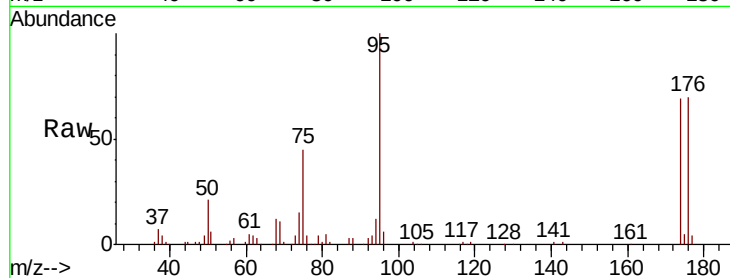
Tot Ion: 95 Resp: 218240

Ion Ratio Lower Upper

95 100

174 68.7 0.0 181.8

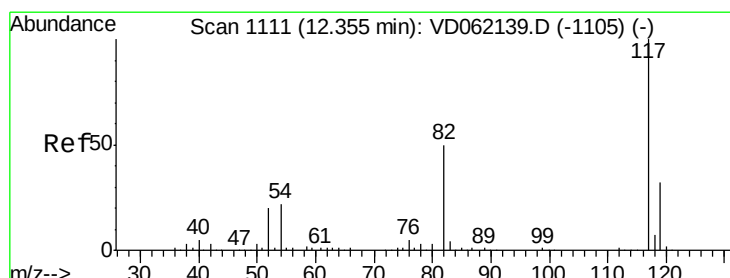
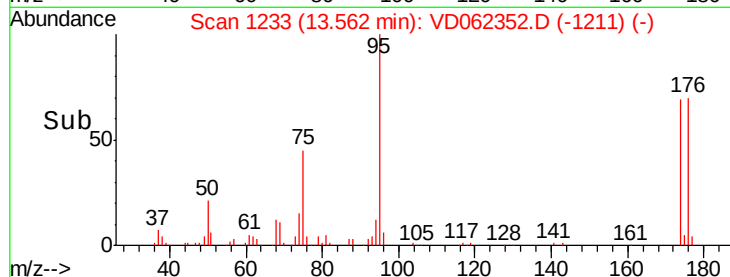
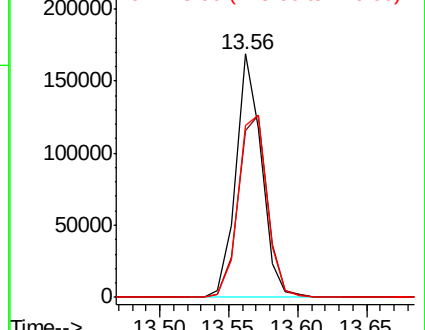
176 70.4 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.38 min Scan# 1113

Delta R.T. 0.03 min

Lab File: VD062352.D

Acq: 14 May 2019 17:52

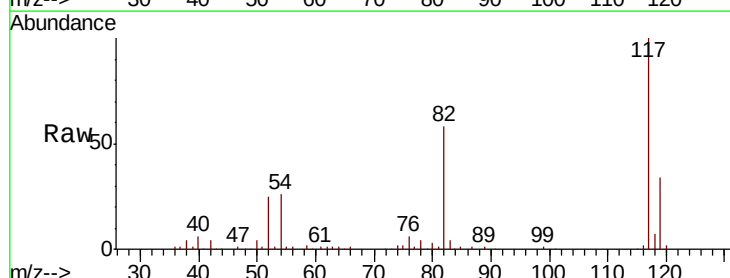
Tgt Ion: 117 Resp: 547148

Ion Ratio Lower Upper

117 100

82 58.3 36.2 54.2#

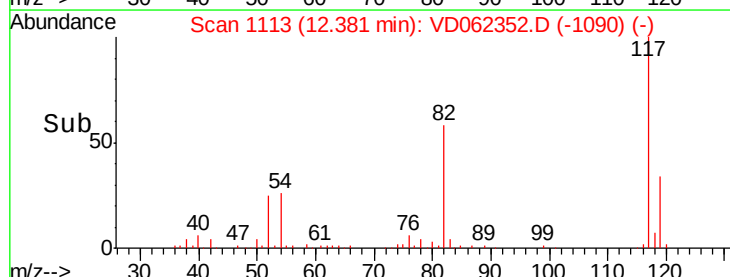
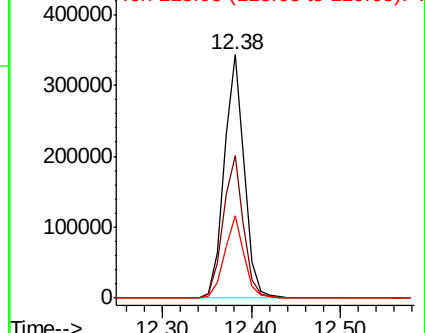
119 33.6 26.2 39.4

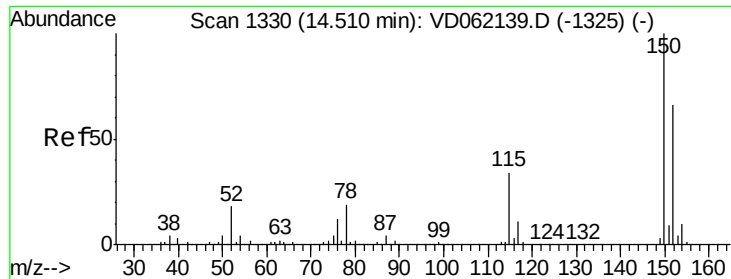


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.53 min Scan# 1331

Delta R.T. 0.02 min

Lab File: VD062352.D

Acq: 14 May 2019 17:52

Instrument :

MSVOA_D

ClientSampleId :

P021-SS010-0002-01RE

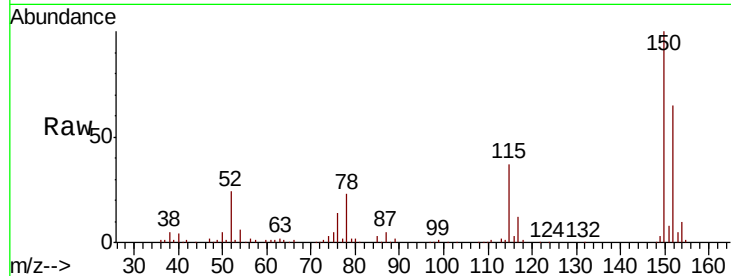
Tot Ion:152 Resp: 184351

Ion Ratio Lower Upper

152 100

115 57.0 30.9 92.7

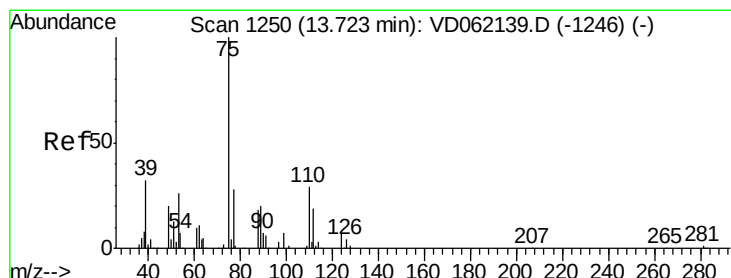
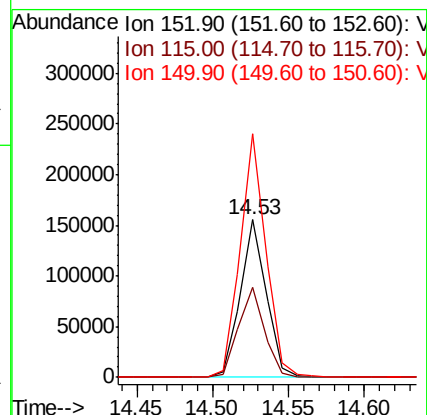
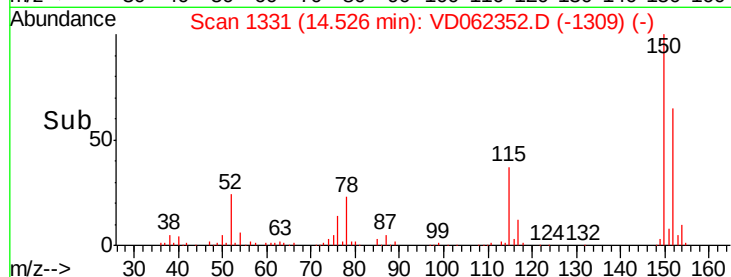
150 154.6 0.0 314.8



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



#76

1,2,3-Trichloropropane

Concen: 43.012 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.16 min

Lab File: VD062352.D

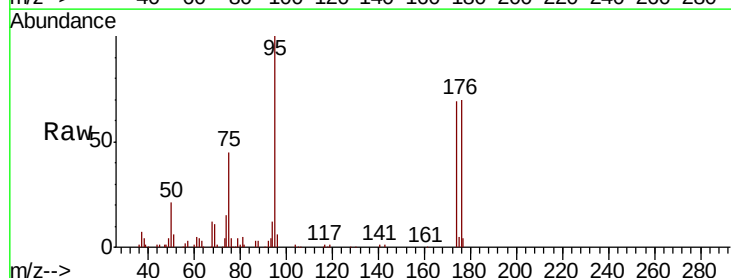
Acq: 14 May 2019 17:52

Tgt Ion: 75 Resp: 94234

Ion Ratio Lower Upper

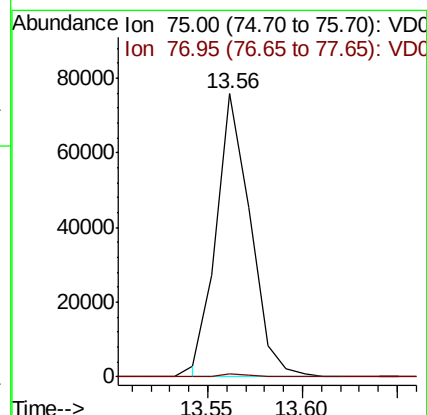
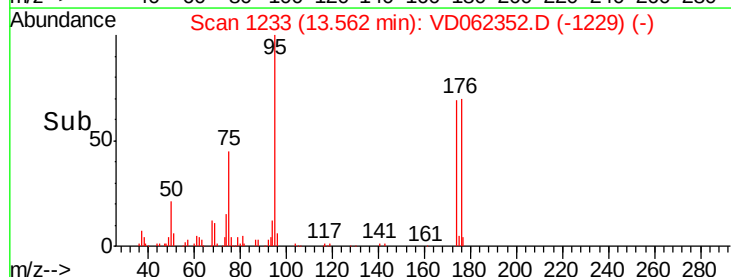
75 100

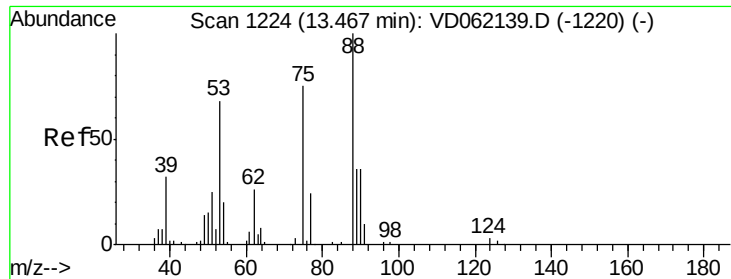
77 0.9 16.4 49.4#



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: 155.014 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD062352.D

Acq: 14 May 2019 17:52

Instrument :

MSVOA_D

ClientSampleId :

P021-SS010-0002-01RE

Tot Ion: 75 Resp: 95875

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#

