

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051719\
 Data File : VD062438.D
 Acq On : 17 May 2019 14:41
 Operator : FY/SY
 Sample : K2643-07
 Misc : 5.98g/5mL/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 18 00:04:25 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

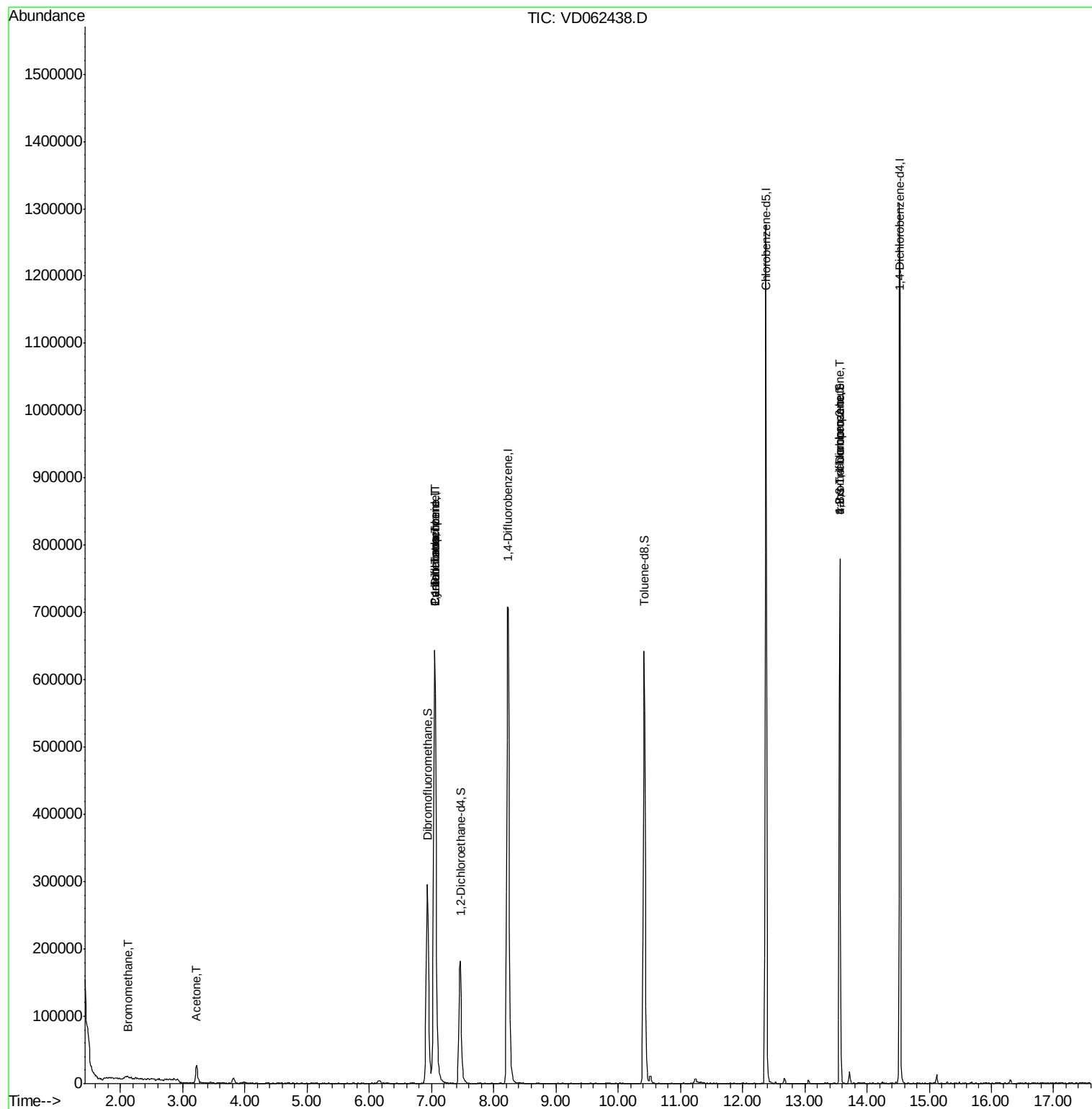
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	651827	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.23	114	827593	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	651567	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	299539	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	214459	35.40	ug/l	0.04
Spiked Amount 50.000			Recovery	=	70.80%	
35) Dibromofluoromethane	6.93	113	264210	38.48	ug/l	0.04
Spiked Amount 50.000			Recovery	=	76.96%	
50) Toluene-d8	10.42	98	534173	32.26	ug/l	0.02
Spiked Amount 50.000			Recovery	=	64.52%	
62) 4-Bromofluorobenzene	13.57	95	216598	32.58	ug/l	0.02
Spiked Amount 50.000			Recovery	=	65.16%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.13	94	1304	1.257	ug/l #	12
16) Acetone	3.22	43	46251	36.409	ug/l #	86
18) Methyl Acetate	3.64	43	676	Below Cal	#	53
31) Cyclohexane	7.04	56	13497	2.124	ug/l #	1
36) 1,1-Dichloropropene	7.04	75	53288	7.853	ug/l #	47
38) Carbon Tetrachloride	7.05	117	68497	7.293	ug/l #	15
76) 1,2,3-Trichloropropane	13.57	75	90163	25.328	ug/l #	43
81) trans-1,4-Dichloro-2-buten	13.57	75	97303	96.824	ug/l #	16

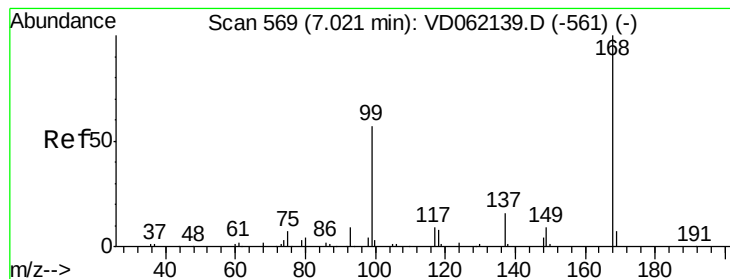
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.03 min

Lab File: VD062438.D

Acq: 17 May 2019 14:41

Instrument :

MSVOA_D

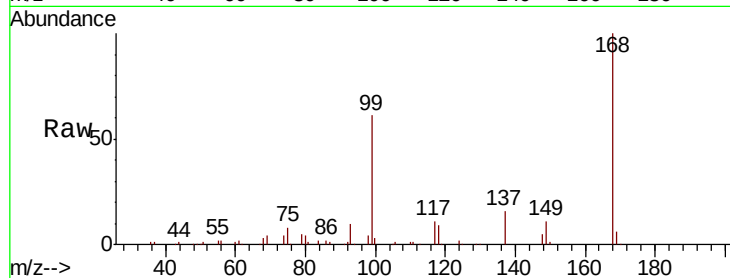
ClientSampled :

Tot Ion:168 Resp: 651827

Ion Ratio Lower Upper

168 100

99 60.7 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

250000

200000

150000

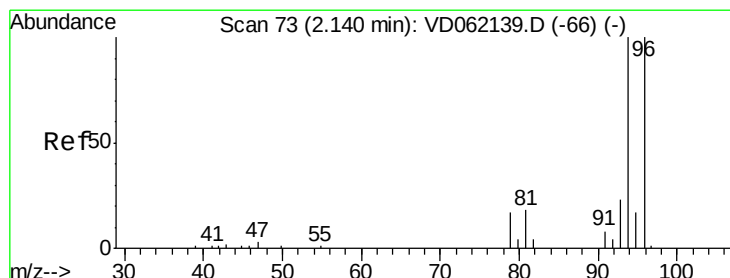
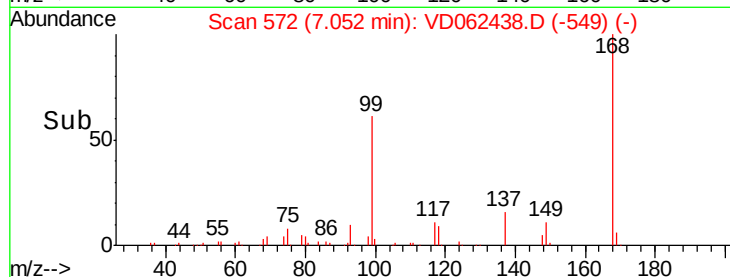
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#5

Bromomethane

Concen: 1.257 ug/l

RT: 2.13 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD062438.D

Acq: 17 May 2019 14:41

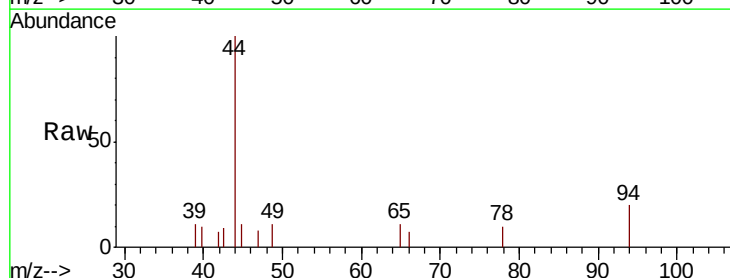
Tgt Ion: 94 Resp: 1304

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

1200

1000

800

600

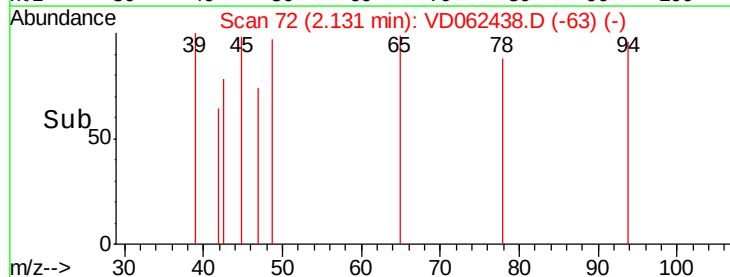
400

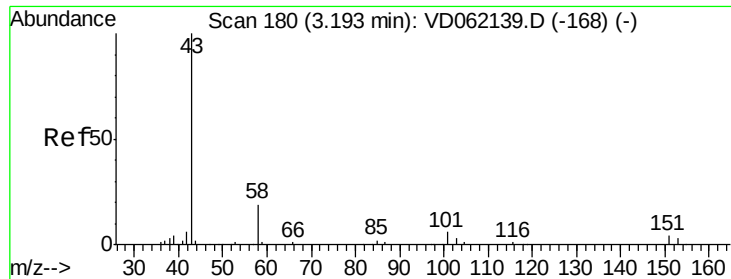
200

0

Time-->

2.10 2.15 2.20





#16

Acetone

Concen: 36.409 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD062438.D

Acq: 17 May 2019 14:41

Instrument :

MSVOA_D

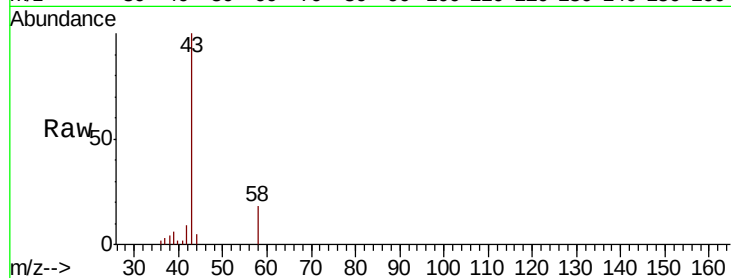
ClientSampled :

Tot Ion: 43 Resp: 46251

Ion Ratio Lower Upper

43 100

58 18.0 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

20000

15000

10000

5000

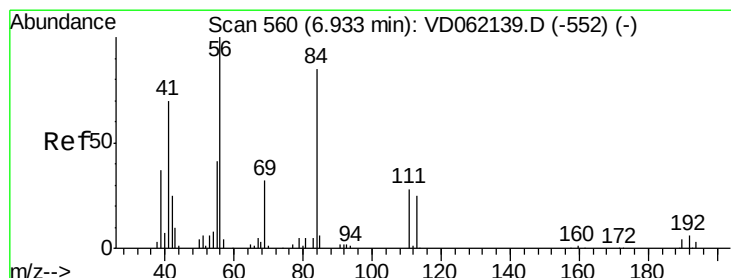
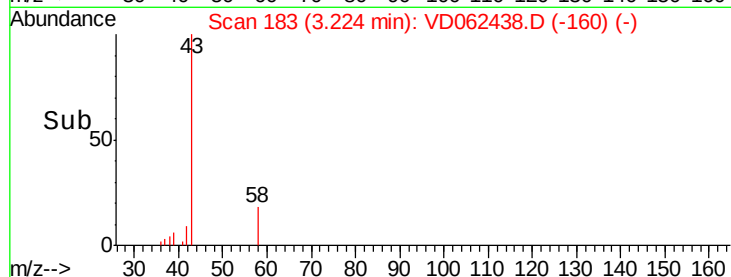
0

Time-->

3.10

3.20

3.30



#31

Cyclohexane

Concen: 2.124 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.11 min

Lab File: VD062438.D

Acq: 17 May 2019 14:41

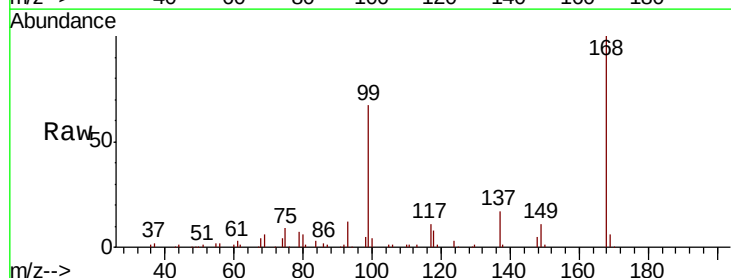
Tgt Ion: 56 Resp: 13497

Ion Ratio Lower Upper

56 100

69 236.8 25.8 38.6#

84 101.8 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

15000

10000

5000

0

Time-->

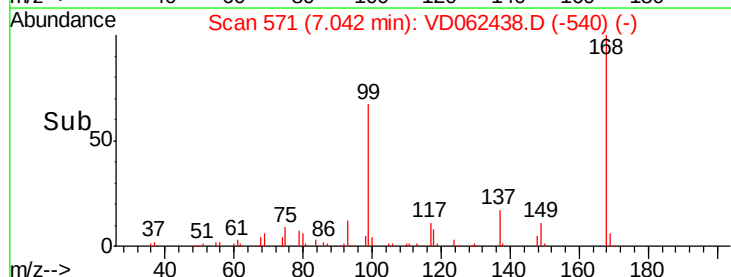
6.95

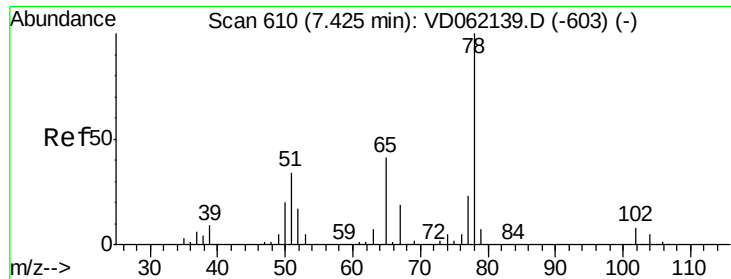
7.00

7.05

7.10

7.15

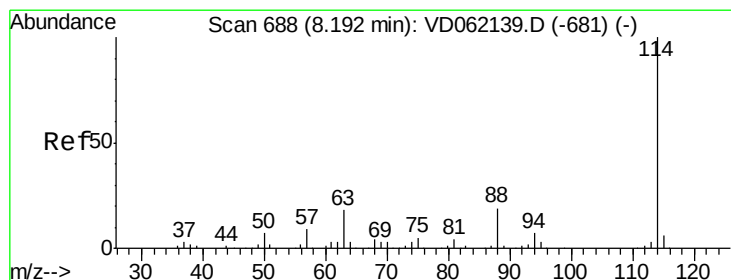
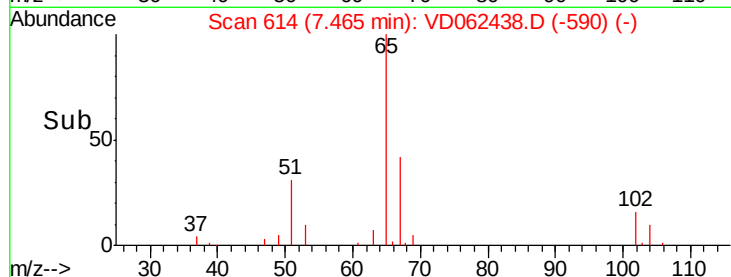
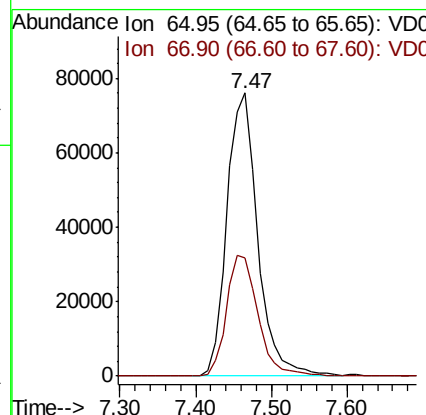
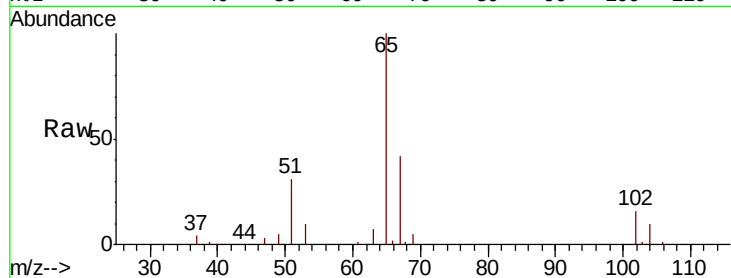




#33
 1,2-Dichloroethane-d4
 Concen: 35.404 ug/l
 RT: 7.47 min Scan# 614
 Delta R.T. 0.04 min
 Lab File: VD062438.D
 Acq: 17 May 2019 14:41

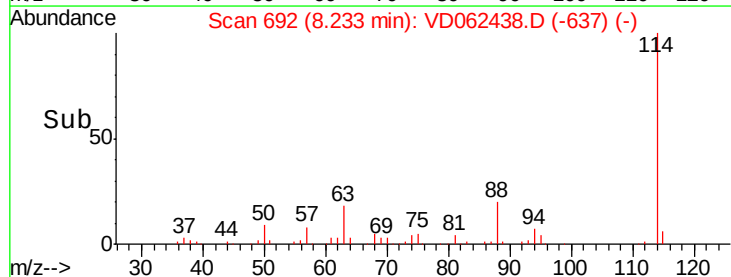
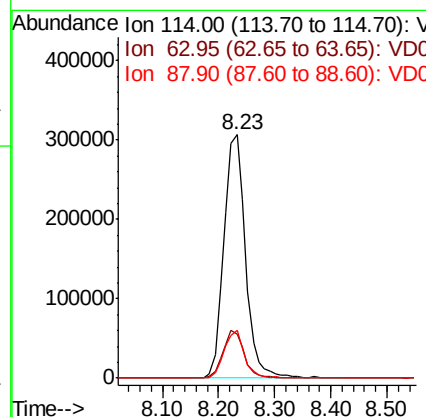
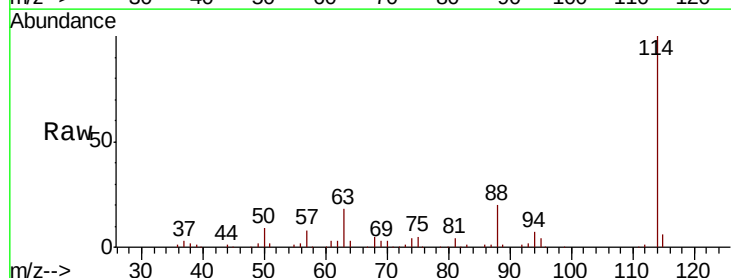
Instrument :
 MSVOA_D
 ClientSampleID :

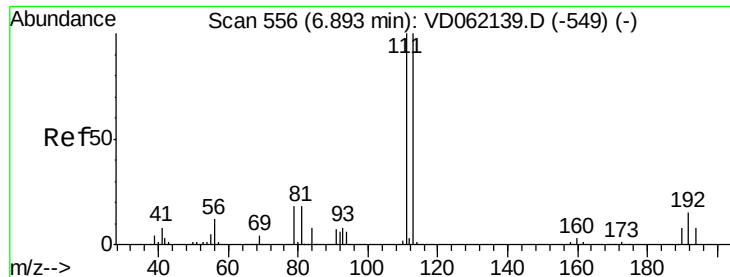
Tot Ion: 65 Resp: 214459
 Ion Ratio Lower Upper
 65 100
 67 41.9 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.04 min
 Lab File: VD062438.D
 Acq: 17 May 2019 14:41

Tgt Ion: 114 Resp: 827593
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 32.4
 88 19.6 0.0 33.6

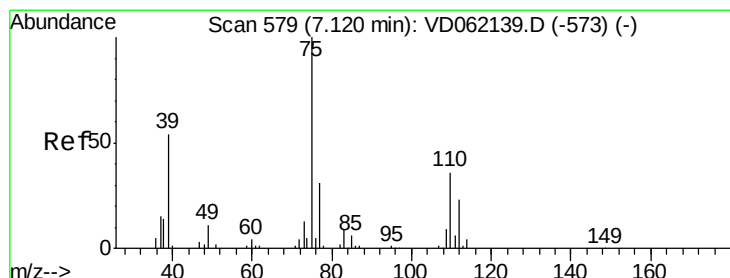
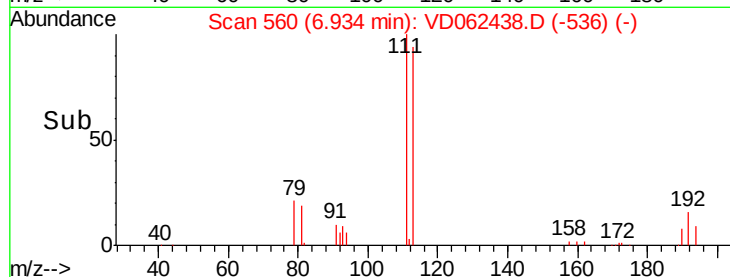
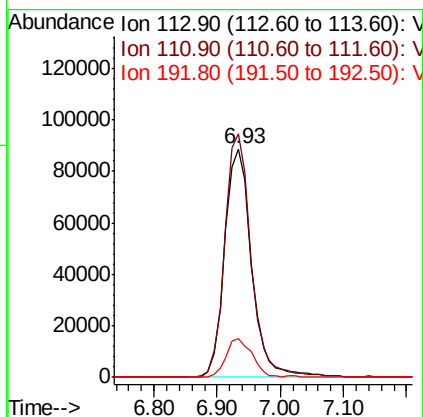
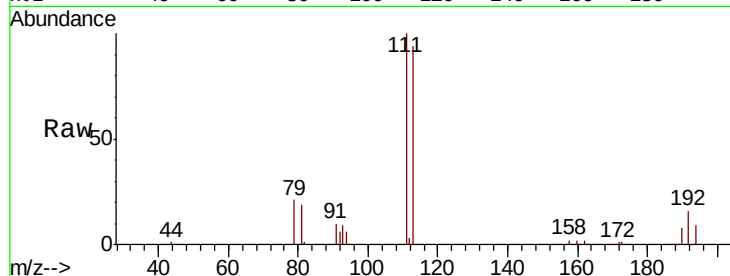




#35
 Dibromofluoromethane
 Concen: 38.477 ug/l
 RT: 6.93 min Scan# 560
 Delta R.T. 0.04 min
 Lab File: VD062438.D
 Acq: 17 May 2019 14:41

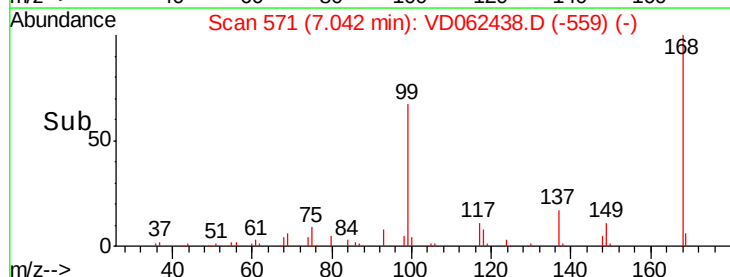
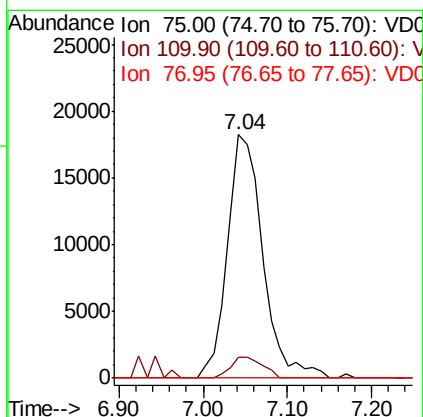
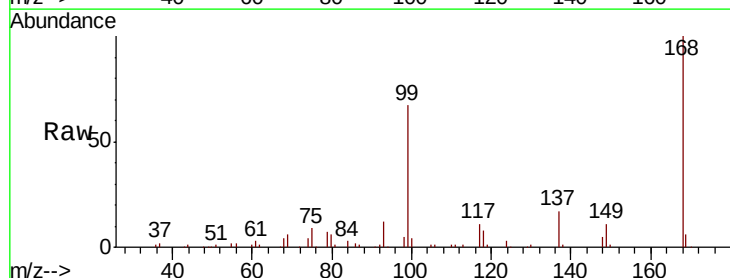
Instrument :
 MSVOA_D
 ClientSampleId :

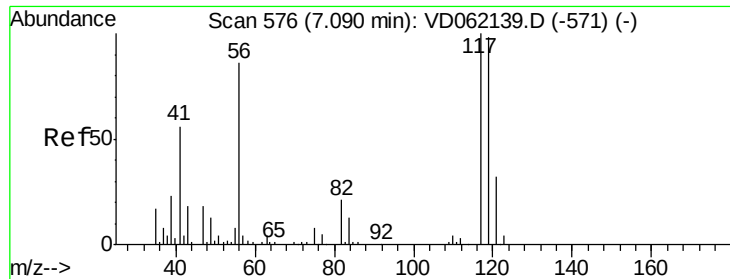
Tot Ion:113 Resp: 264210
 Ion Ratio Lower Upper
 113 100
 111 106.4 78.5 117.7
 192 17.1 13.0 19.4



#36
 1,1-Dichloropropene
 Concen: 7.853 ug/l
 RT: 7.04 min Scan# 571
 Delta R.T. -0.08 min
 Lab File: VD062438.D
 Acq: 17 May 2019 14:41

Tgt Ion: 75 Resp: 53288
 Ion Ratio Lower Upper
 75 100
 110 8.6 19.1 57.1#
 77 0.0 25.6 38.4#

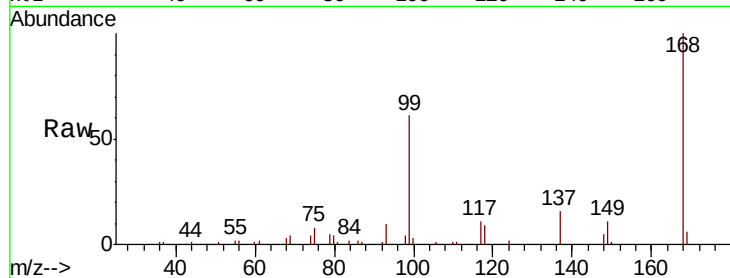




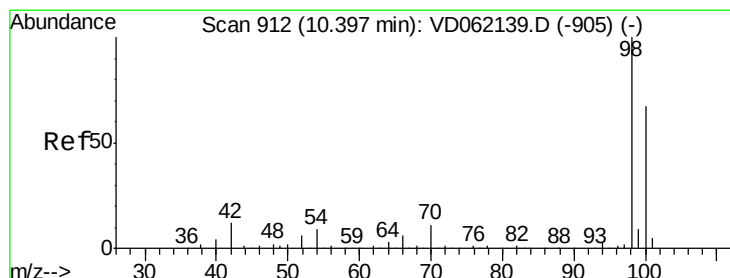
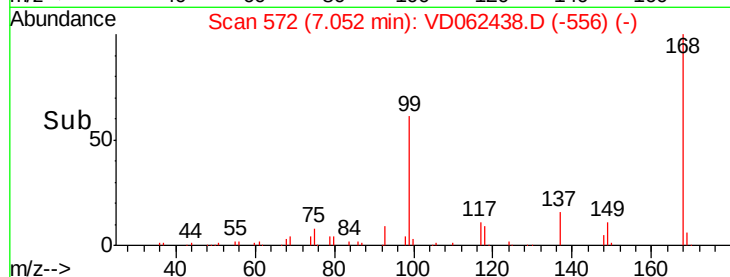
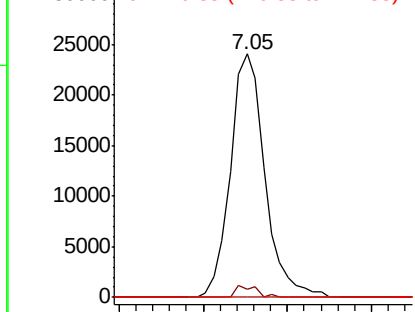
#38
Carbon Tetrachloride
Concen: 7.293 ug/l
RT: 7.05 min Scan# 572
Delta R.T. -0.04 min
Lab File: VD062438.D
Acq: 17 May 2019 14:41

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 68497
Ion Ratio Lower Upper
117 100
119 3.2 75.8 113.8#
121 0.0 25.9 38.9#

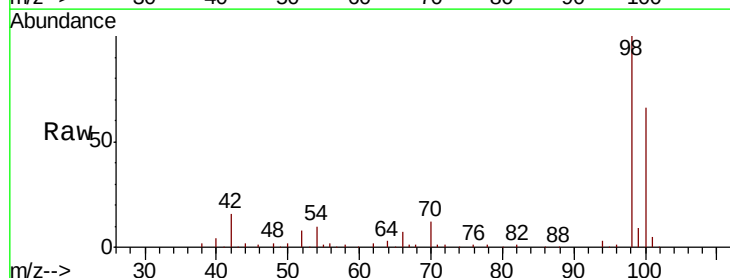


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

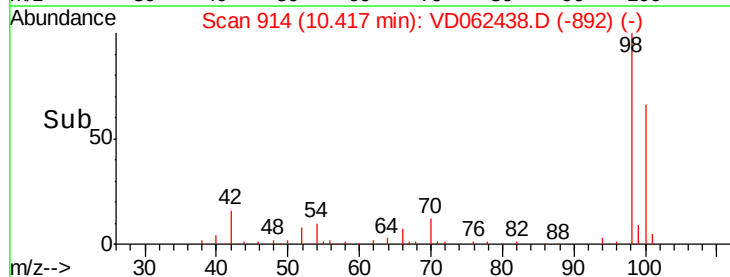
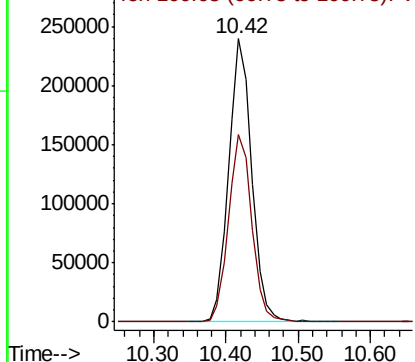


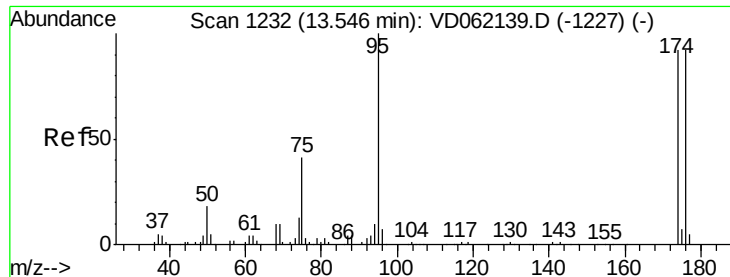
#50
Toluene-d8
Concen: 32.265 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD062438.D
Acq: 17 May 2019 14:41

Tgt Ion: 98 Resp: 534173
Ion Ratio Lower Upper
98 100
100 66.2 53.8 80.8



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

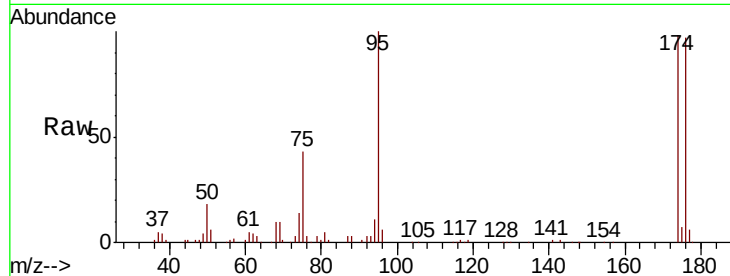




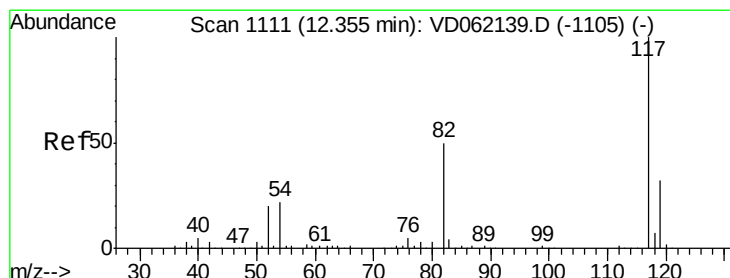
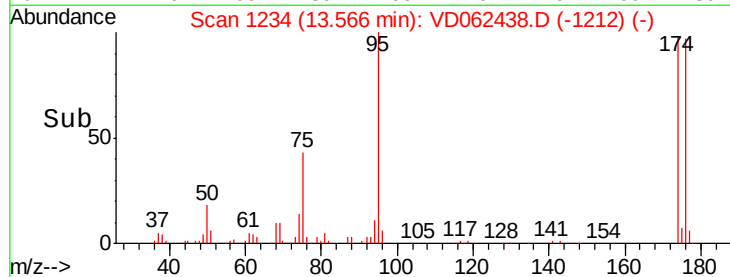
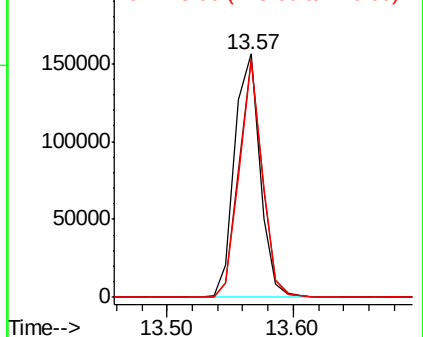
#62
4-Bromofluorobenzene
Concen: 32.580 ug/l
RT: 13.57 min Scan# 1234
Delta R.T. 0.02 min
Lab File: VD062438.D
Acq: 17 May 2019 14:41

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 95 Resp: 216598
Ion Ratio Lower Upper
95 100
174 97.9 0.0 181.8
176 97.3 0.0 174.4

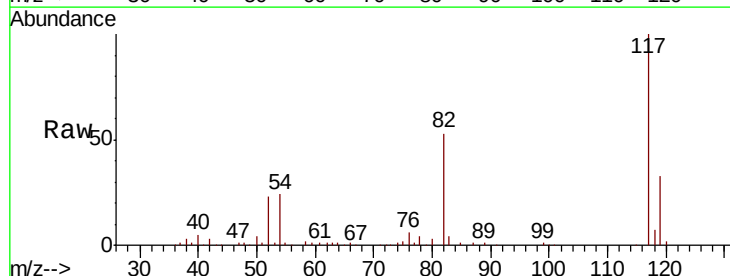


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

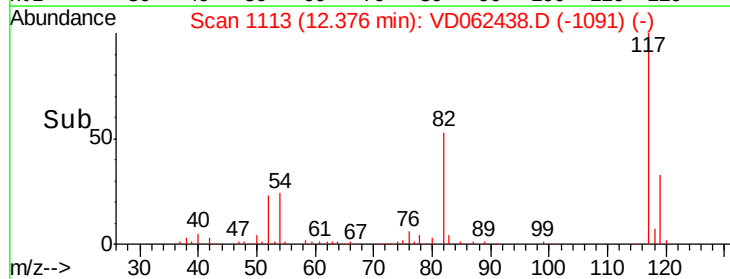
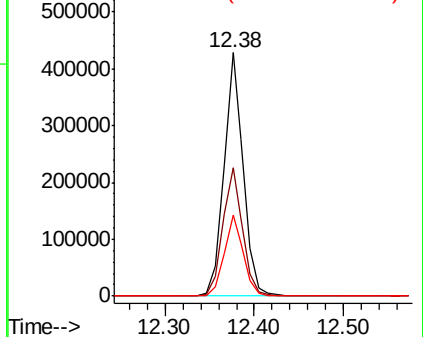


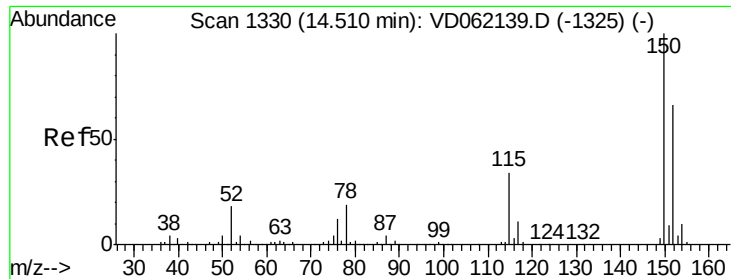
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062438.D
Acq: 17 May 2019 14:41

Tgt Ion: 117 Resp: 651567
Ion Ratio Lower Upper
117 100
82 53.0 36.2 54.2
119 33.4 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# 1332

Delta R.T. 0.02 min

Lab File: VD062438.D

Acq: 17 May 2019 14:41

Instrument :

MSVOA_D

ClientSampled :

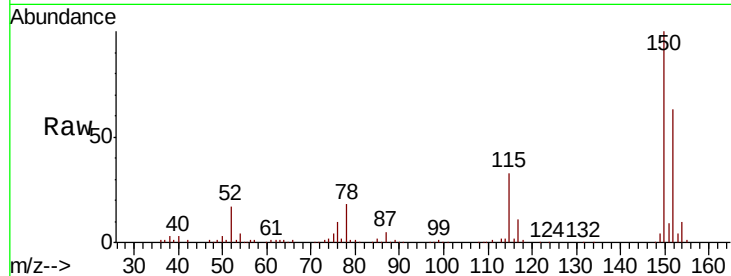
Tot Ion:152 Resp: 299539

Ion Ratio Lower Upper

152 100

115 52.1 30.9 92.7

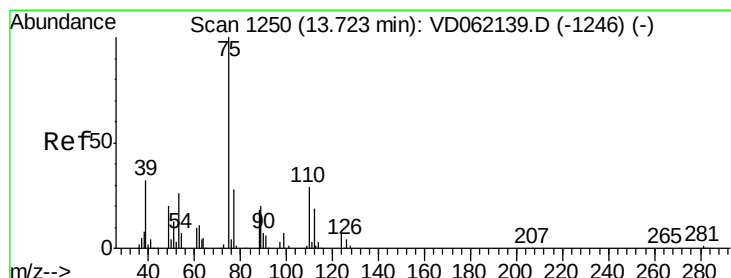
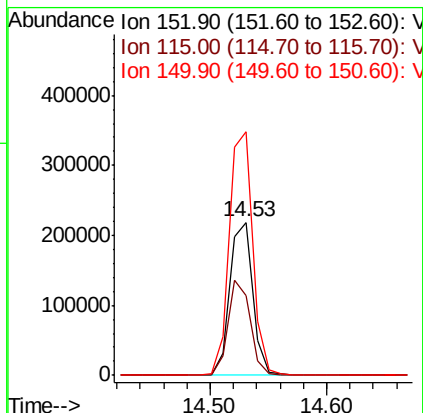
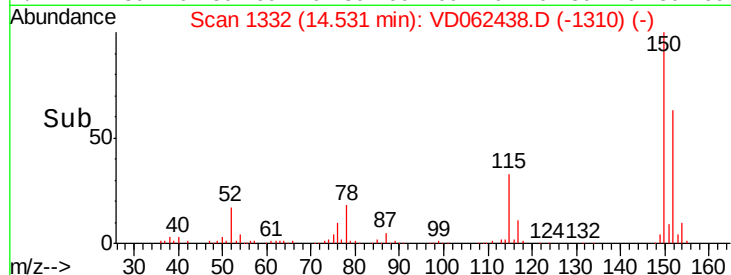
150 159.3 0.0 314.8



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: 25.328 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. -0.16 min

Lab File: VD062438.D

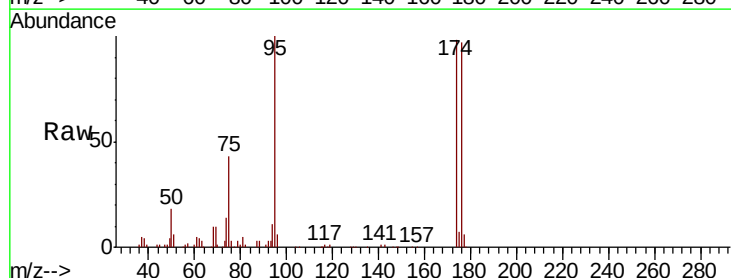
Acq: 17 May 2019 14:41

Tgt Ion: 75 Resp: 90163

Ion Ratio Lower Upper

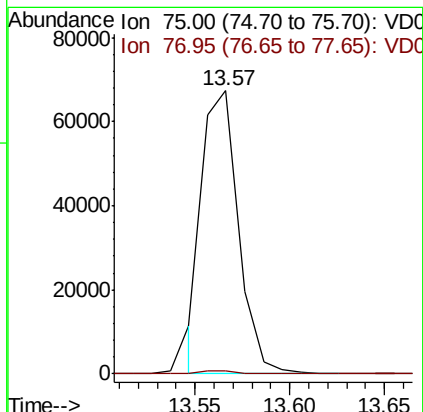
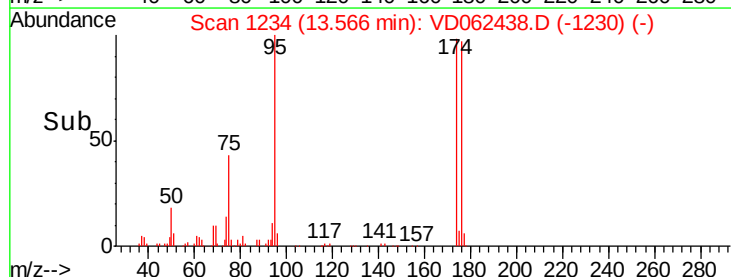
75 100

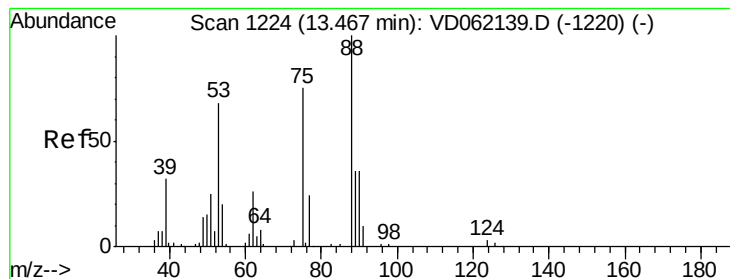
77 1.0 16.4 49.4#



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: 96.824 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.10 min

Lab File: VD062438.D

Acq: 17 May 2019 14:41

Instrument :

MSVOA_D

ClientSampleId :

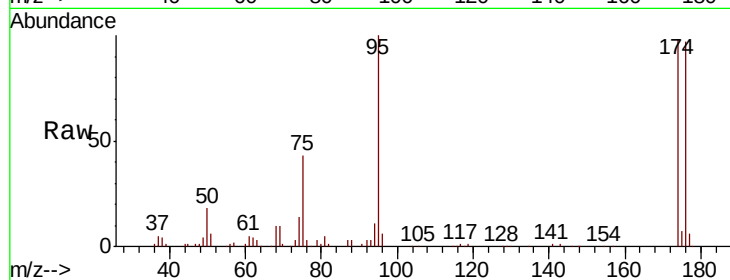
Tot Ion: 75 Resp: 97303

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): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

