

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051419\
 Data File : VD062343.D
 Acq On : 14 May 2019 13:45
 Operator : FY/SY
 Sample : K2735-17
 Misc : 5.57g/5mL/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 15 02:00:21 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

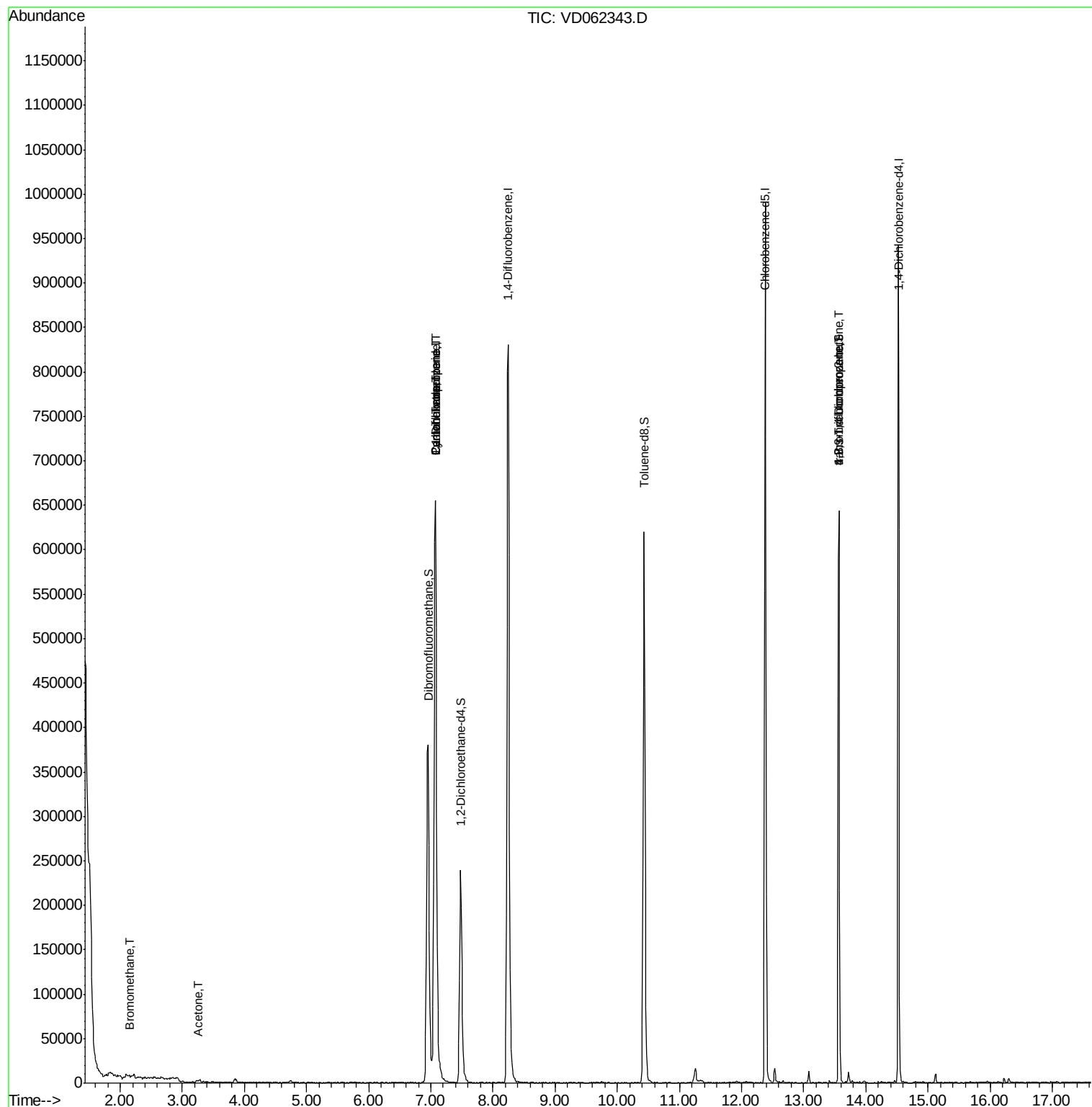
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	624916	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.25	114	896101	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.38	117	526660	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	199320	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	273781	47.14	ug/l	0.05
Spiked Amount 50.000			Recovery	=	94.28%	
35) Dibromofluoromethane	6.96	113	348374	46.86	ug/l	0.06
Spiked Amount 50.000			Recovery	=	93.72%	
50) Toluene-d8	10.43	98	497112	27.73	ug/l	0.03
Spiked Amount 50.000			Recovery	=	55.46%	
62) 4-Bromofluorobenzene	13.56	95	199040	27.65	ug/l	0.01
Spiked Amount 50.000			Recovery	=	55.30%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.14	94	2115	2.127	ug/l #	12
16) Acetone	3.25	43	4541	3.729	ug/l #	50
18) Methyl Acetate	3.67	43	231	Below Cal	#	53
31) Cyclohexane	7.07	56	12053	1.978	ug/l #	11
36) 1,1-Dichloropropene	7.07	75	50288	6.845	ug/l #	46
38) Carbon Tetrachloride	7.07	117	63346	6.229	ug/l #	15
76) 1,2,3-Trichloropropane	13.56	75	86442	36.492	ug/l #	46
81) trans-1,4-Dichloro-2-buten	13.56	75	86955	130.033	ug/l #	16

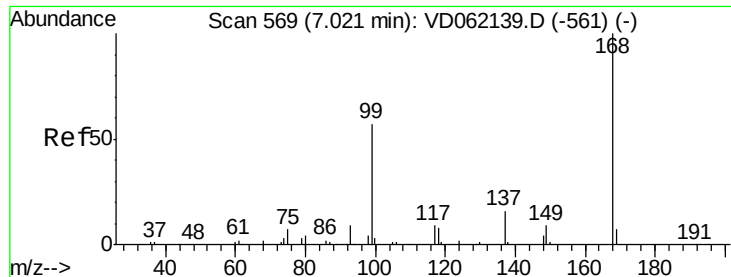
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 574

Delta R.T. 0.05 min

Lab File: VD062343.D

Acq: 14 May 2019 13:45

Instrument :

MSVOA_D

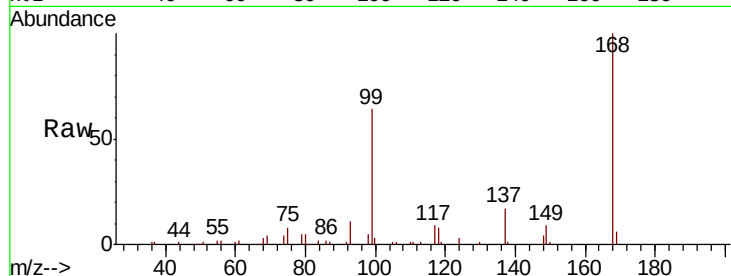
ClientSampleId :

Tot Ion:168 Resp: 624916

Ion Ratio Lower Upper

168 100

99 64.2 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V

7.07

250000

200000

150000

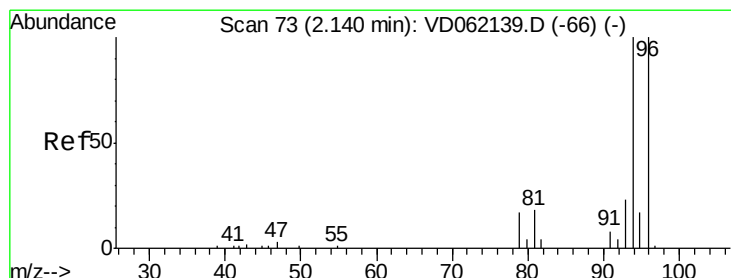
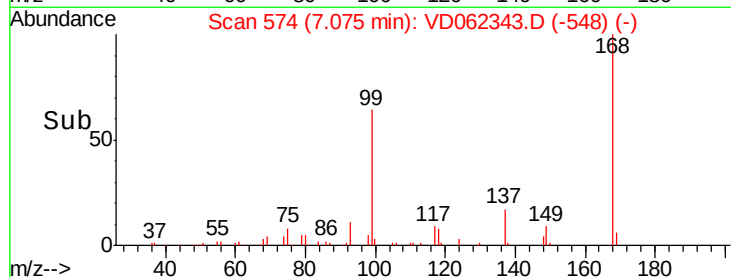
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#5

Bromomethane

Concen: 2.127 ug/l

RT: 2.14 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD062343.D

Acq: 14 May 2019 13:45

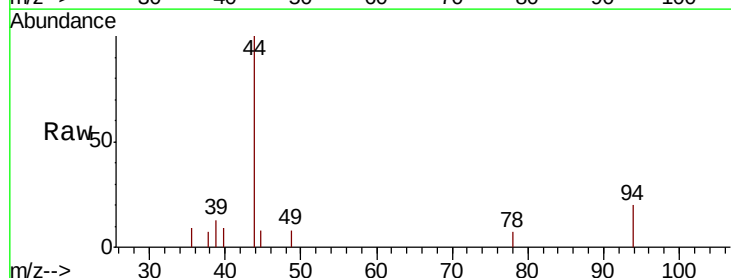
Tgt Ion: 94 Resp: 2115

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): V

Ion 96.00 (95.70 to 96.70): V

Ion 93.00 (92.70 to 93.70): V

2.14

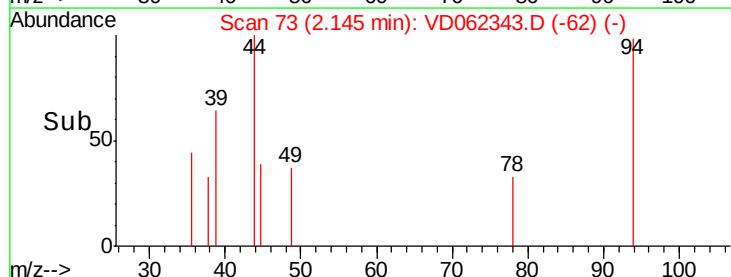
1000

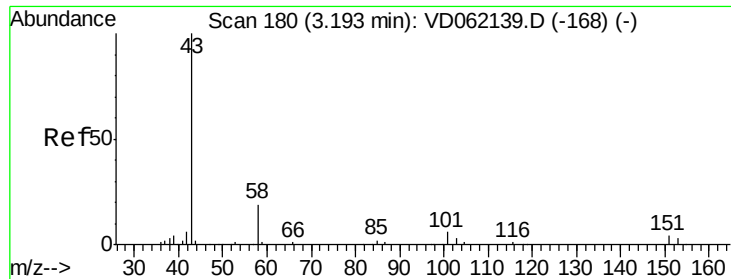
500

0

Time-->

2.10 2.15





#16

Acetone

Concen: 3.729 ug/l

RT: 3.25 min Scan# 185

Delta R.T. 0.05 min

Lab File: VD062343.D

Acq: 14 May 2019 13:45

Instrument :

MSVOA_D

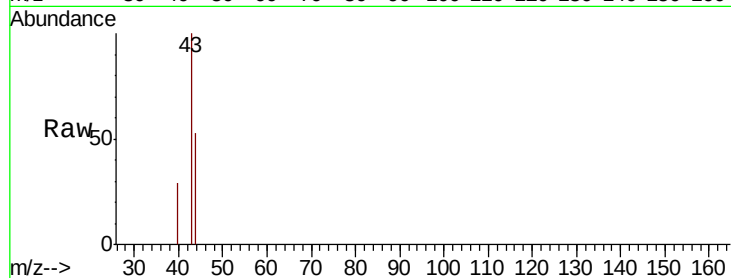
ClientSampleId :

Tot Ion: 43 Resp: 4541

Ion Ratio Lower Upper

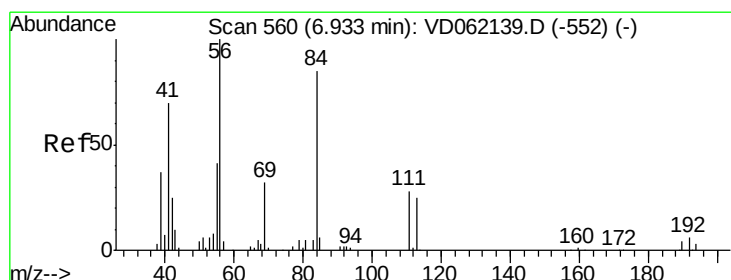
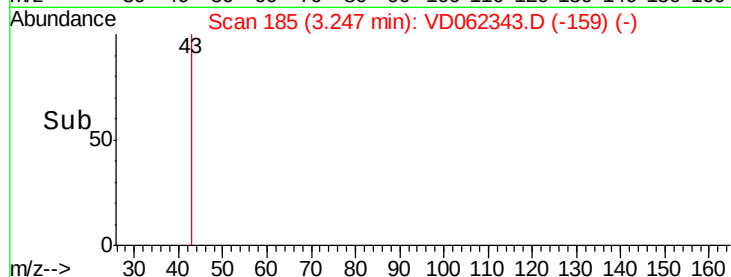
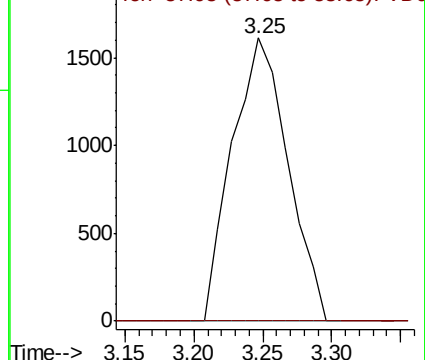
43 100

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



#31

Cyclohexane

Concen: 1.978 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.13 min

Lab File: VD062343.D

Acq: 14 May 2019 13:45

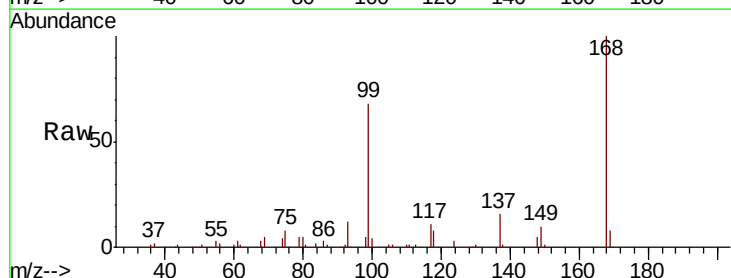
Tgt Ion: 56 Resp: 12053

Ion Ratio Lower Upper

56 100

69 211.2 25.8 38.6#

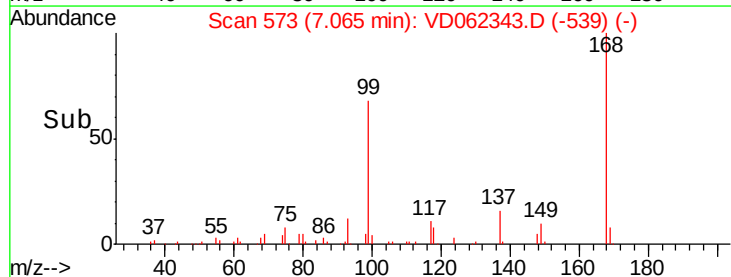
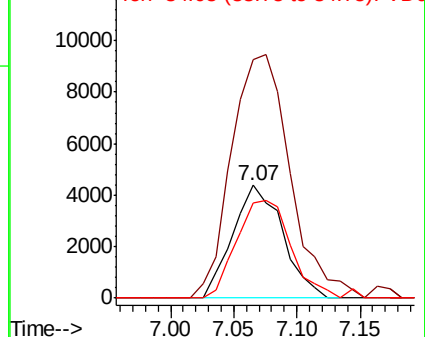
84 84.4 72.2 108.4

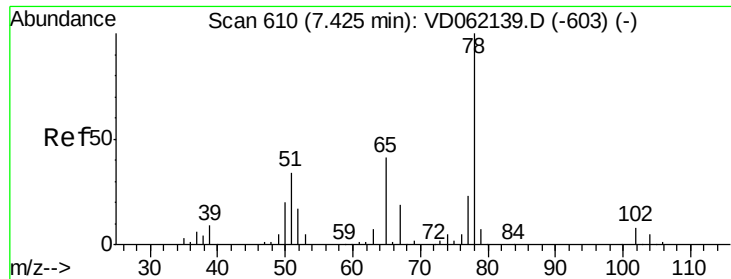


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC

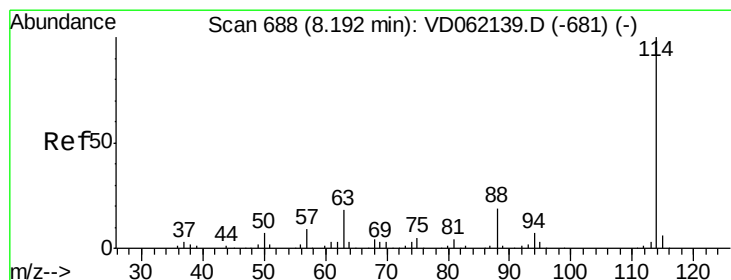
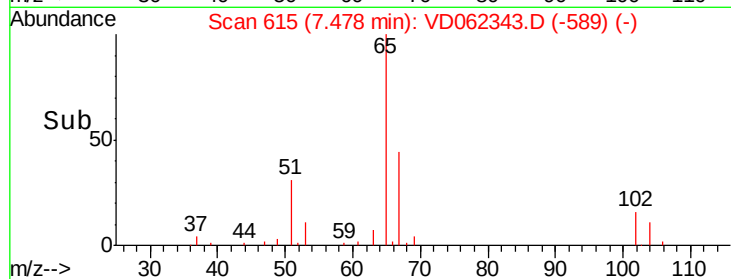
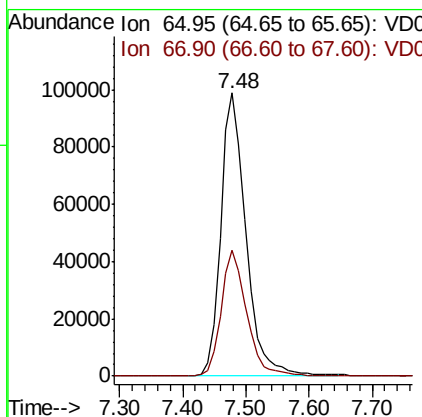
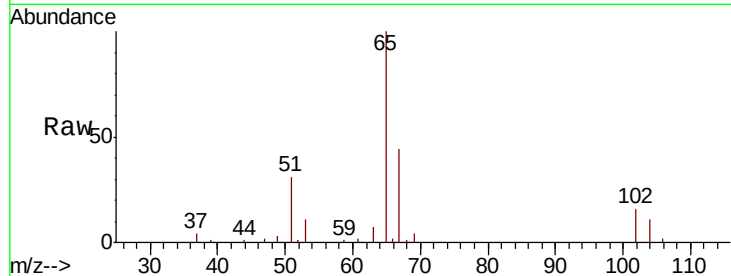




#33
 1,2-Dichloroethane-d4
 Concen: 47.143 ug/l
 RT: 7.48 min Scan# 615
 Delta R.T. 0.05 min
 Lab File: VD062343.D
 Acq: 14 May 2019 13:45

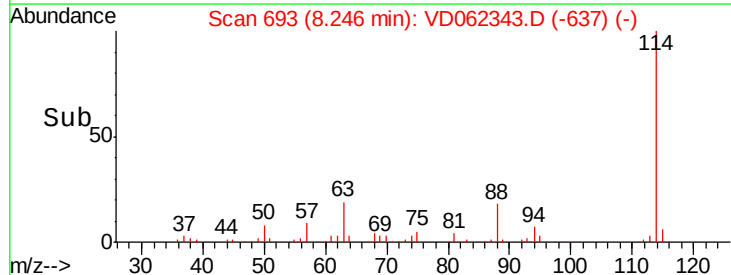
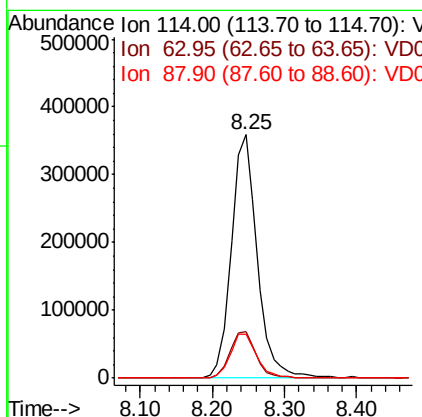
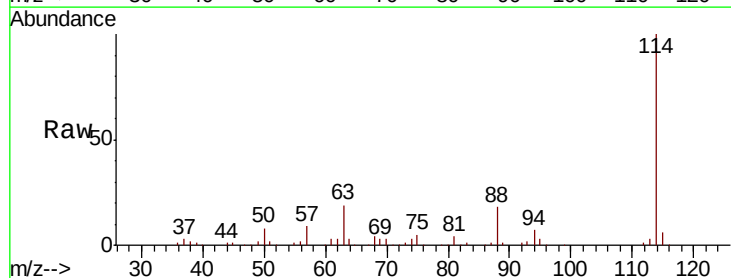
Instrument :
 MSVOA_D
 ClientSampled :

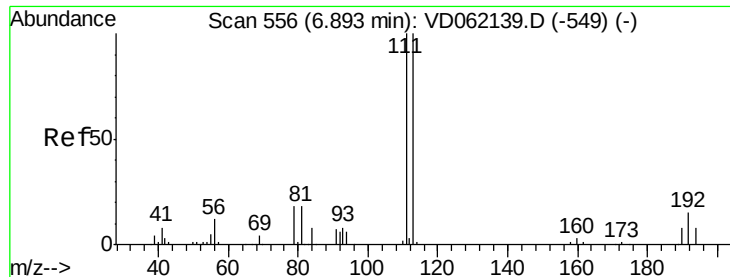
Tot Ion: 65 Resp: 273781
 Ion Ratio Lower Upper
 65 100
 67 44.3 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.25 min Scan# 693
 Delta R.T. 0.05 min
 Lab File: VD062343.D
 Acq: 14 May 2019 13:45

Tgt Ion: 114 Resp: 896101
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 32.4
 88 17.9 0.0 33.6

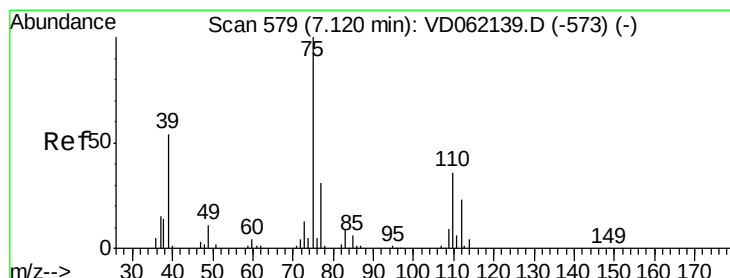
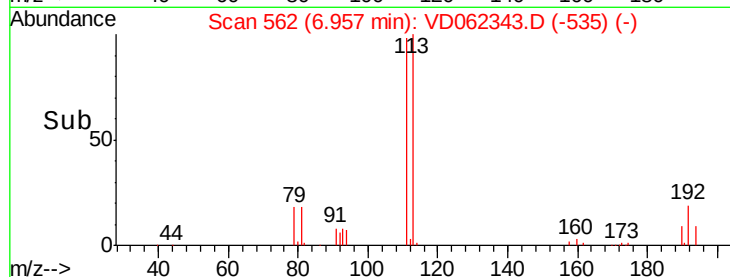
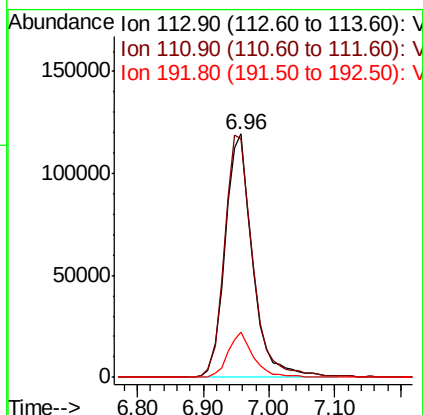
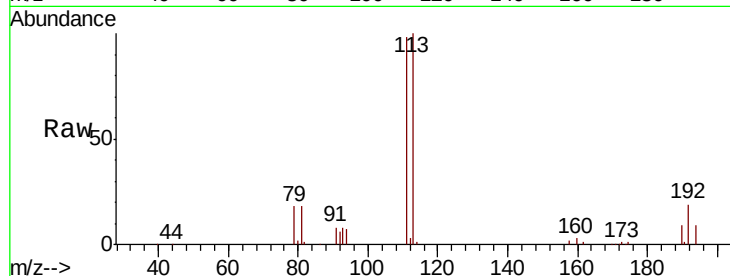




#35
 Dibromofluoromethane
 Concen: 46.856 ug/l
 RT: 6.96 min Scan# 562
 Delta R.T. 0.06 min
 Lab File: VD062343.D
 Acq: 14 May 2019 13:45

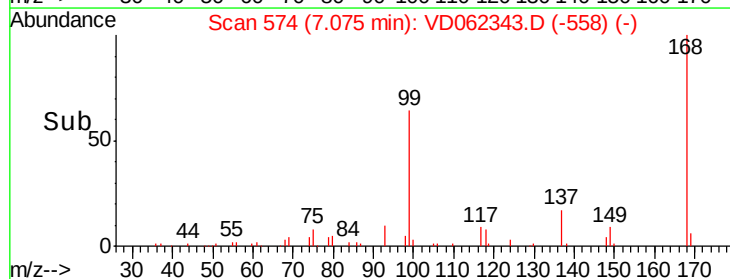
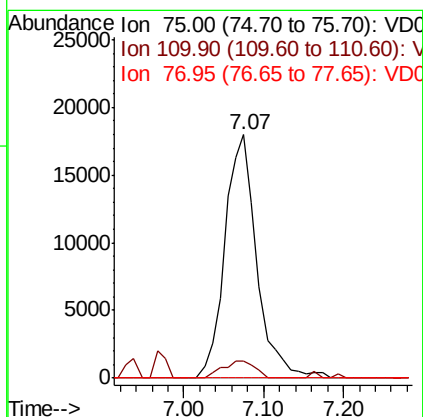
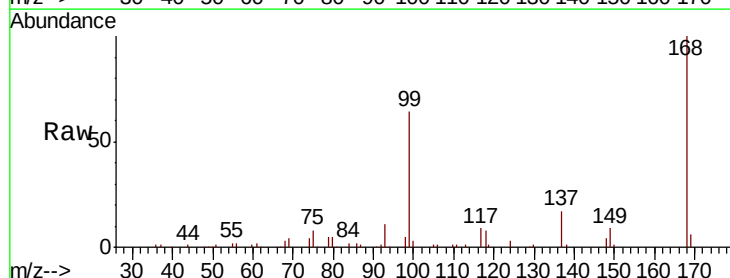
Instrument :
 MSVOA_D
 ClientSampleId :

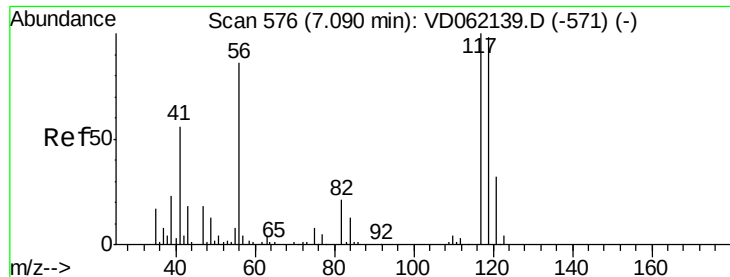
Tot Ion:113 Resp: 348374
 Ion Ratio Lower Upper
 113 100
 111 98.2 78.5 117.7
 192 18.6 13.0 19.4



#36
 1,1-Dichloropropene
 Concen: 6.845 ug/l
 RT: 7.07 min Scan# 574
 Delta R.T. -0.04 min
 Lab File: VD062343.D
 Acq: 14 May 2019 13:45

Tgt Ion: 75 Resp: 50288
 Ion Ratio Lower Upper
 75 100
 110 7.1 19.1 57.1#
 77 0.0 25.6 38.4#

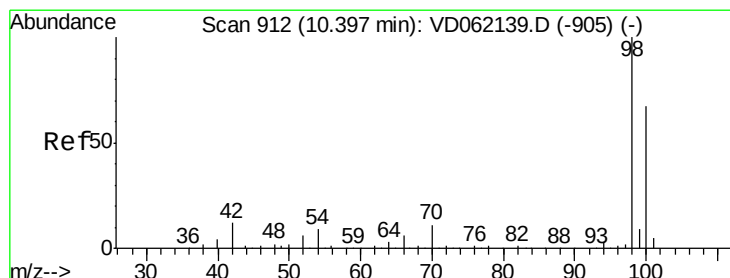
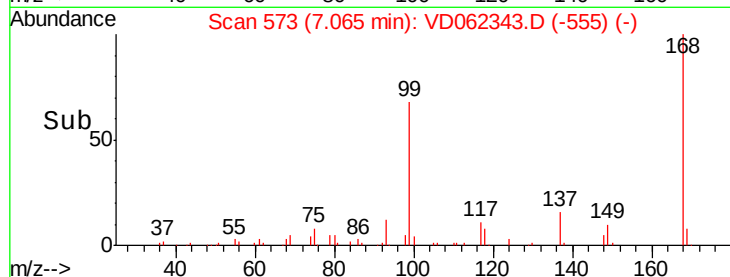
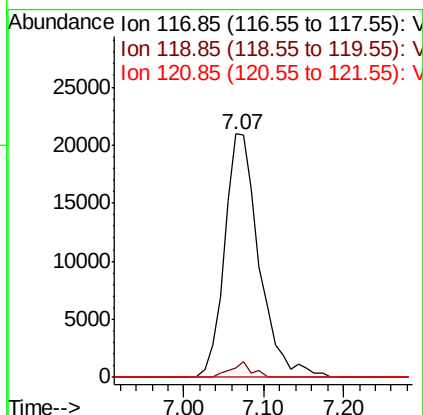
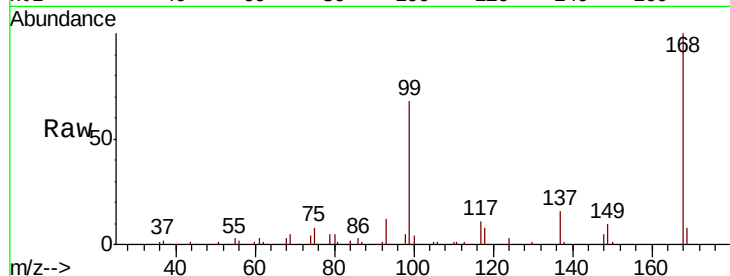




#38
Carbon Tetrachloride
Concen: 6.229 ug/l
RT: 7.07 min Scan# 573
Delta R.T. -0.02 min
Lab File: VD062343.D
Acq: 14 May 2019 13:45

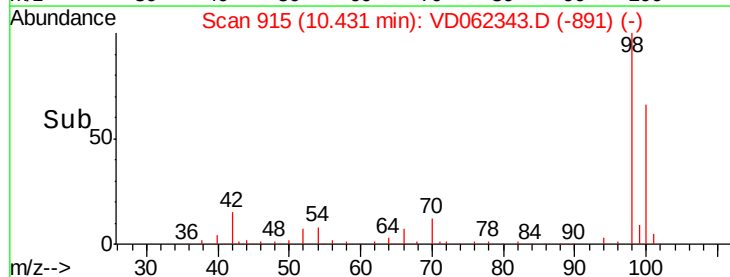
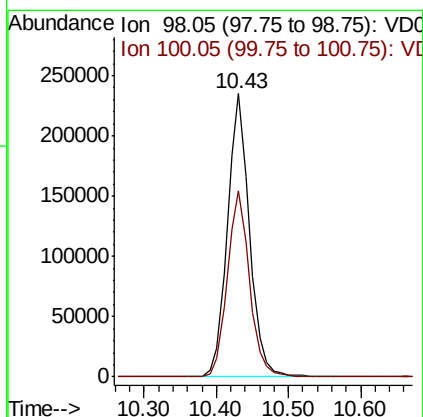
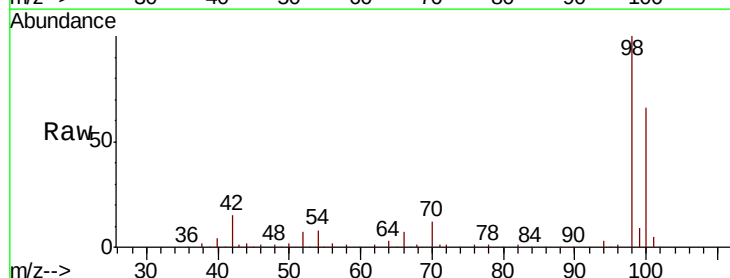
Instrument :
MSVOA_D
ClientSampled :

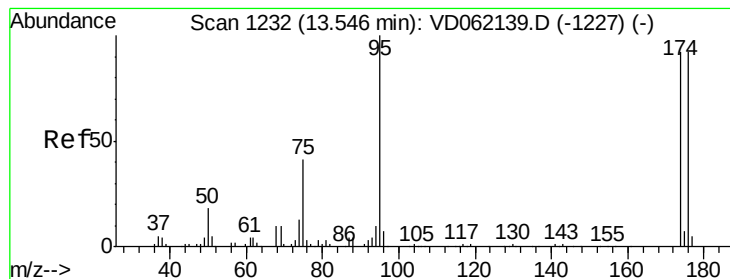
Tot Ion:117 Resp: 63346
Ion Ratio Lower Upper
117 100
119 3.9 75.8 113.8#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 27.731 ug/l
RT: 10.43 min Scan# 915
Delta R.T. 0.03 min
Lab File: VD062343.D
Acq: 14 May 2019 13:45

Tgt Ion: 98 Resp: 497112
Ion Ratio Lower Upper
98 100
100 65.9 53.8 80.8





#62

4-Bromofluorobenzene

Concen: 27.650 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062343.D

Acq: 14 May 2019 13:45

Instrument :

MSVOA_D

ClientSampleId :

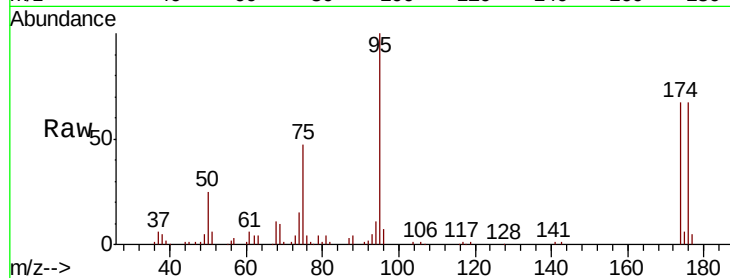
Tot Ion: 95 Resp: 199040

Ion Ratio Lower Upper

95 100

174 67.3 0.0 181.8

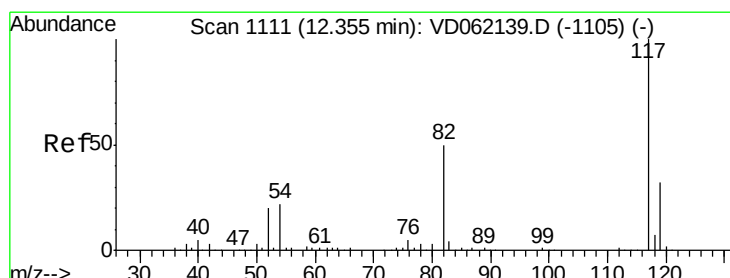
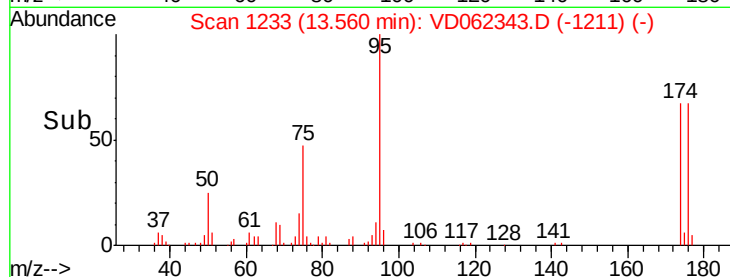
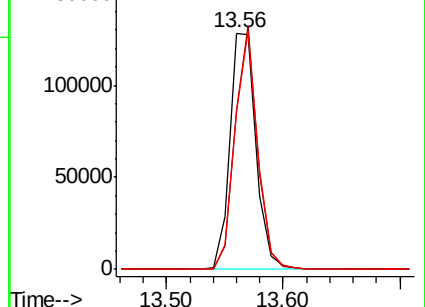
176 66.6 0.0 174.4



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: VD062343.D

Acq: 14 May 2019 13:45

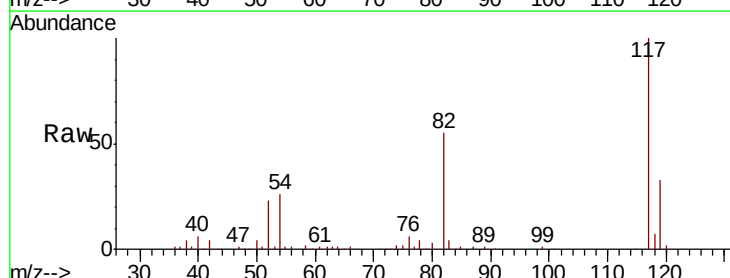
Tgt Ion: 117 Resp: 526660

Ion Ratio Lower Upper

117 100

82 55.2 36.2 54.2#

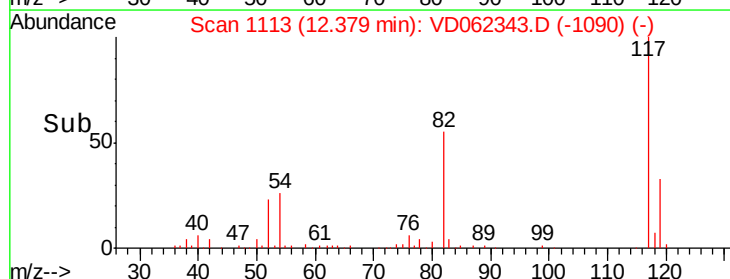
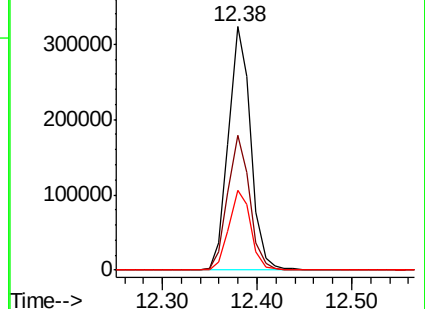
119 33.0 26.2 39.4

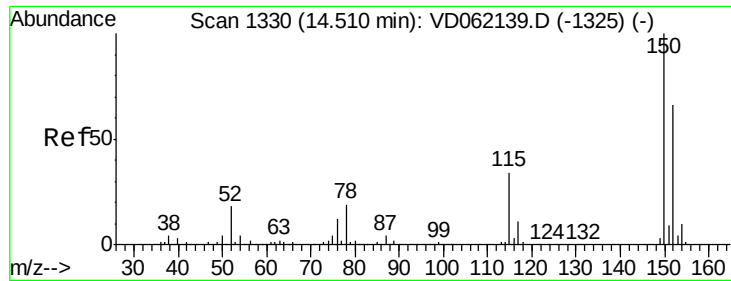


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.52 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VD062343.D

Acq: 14 May 2019 13:45

Instrument :

MSVOA_D

ClientSampleId :

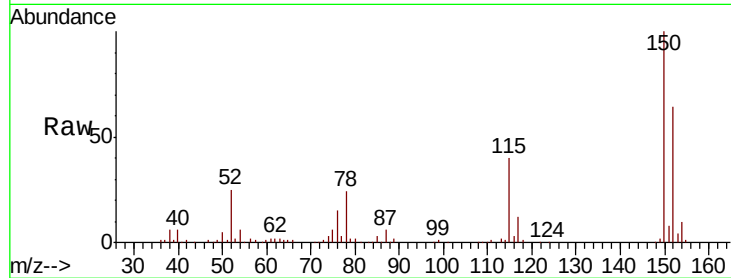
Tot Ion:152 Resp: 199320

Ion Ratio Lower Upper

152 100

115 62.5 30.9 92.7

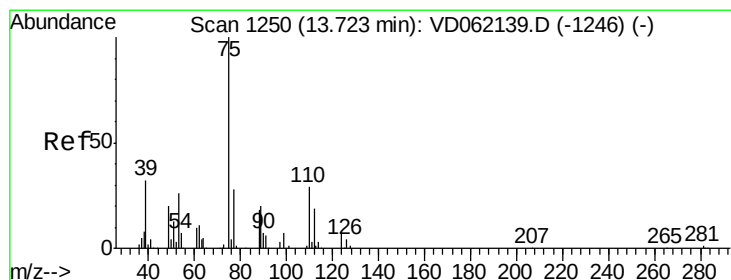
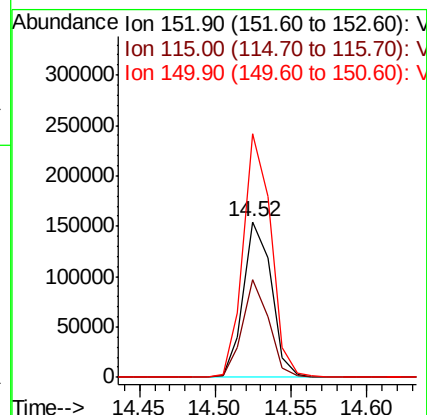
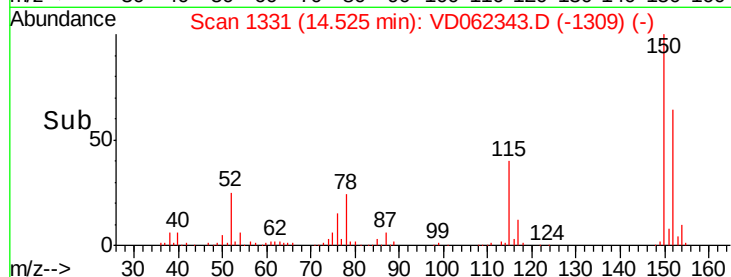
150 156.4 0.0 314.8



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: 36.492 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.16 min

Lab File: VD062343.D

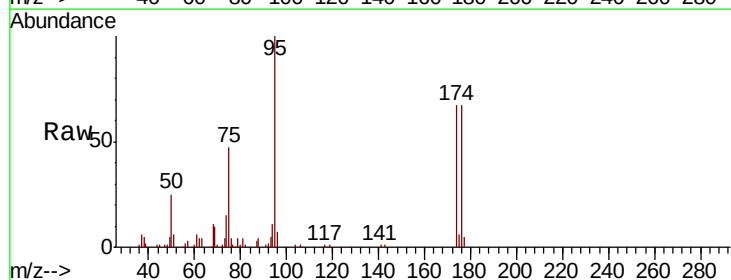
Acq: 14 May 2019 13:45

Tgt Ion: 75 Resp: 86442

Ion Ratio Lower Upper

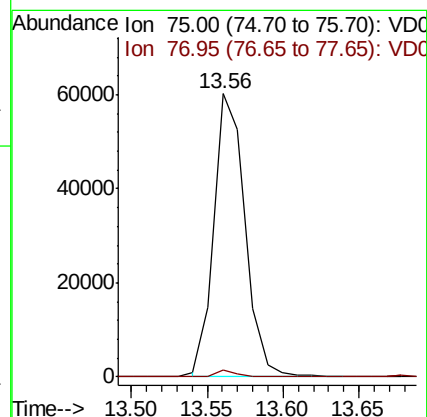
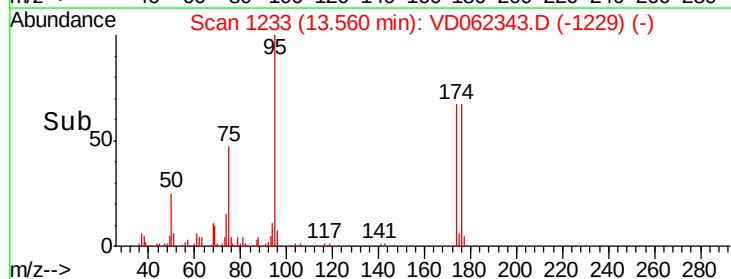
75 100

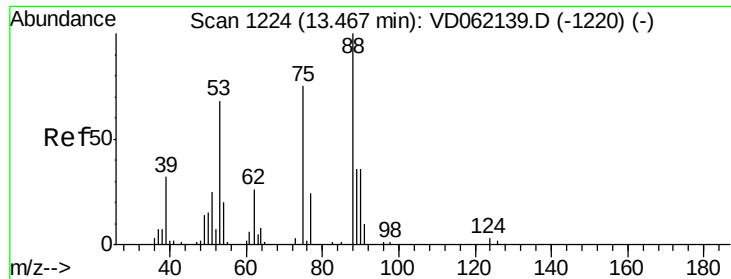
77 2.5 16.4 49.4#



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: 130.033 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD062343.D

Acq: 14 May 2019 13:45

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 86955

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#

