

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051719\
 Data File : VD062447.D
 Acq On : 17 May 2019 19:08
 Operator : FY/SY
 Sample : K2905-06
 Misc : 4.33g/5mL/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 18 00:05:55 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

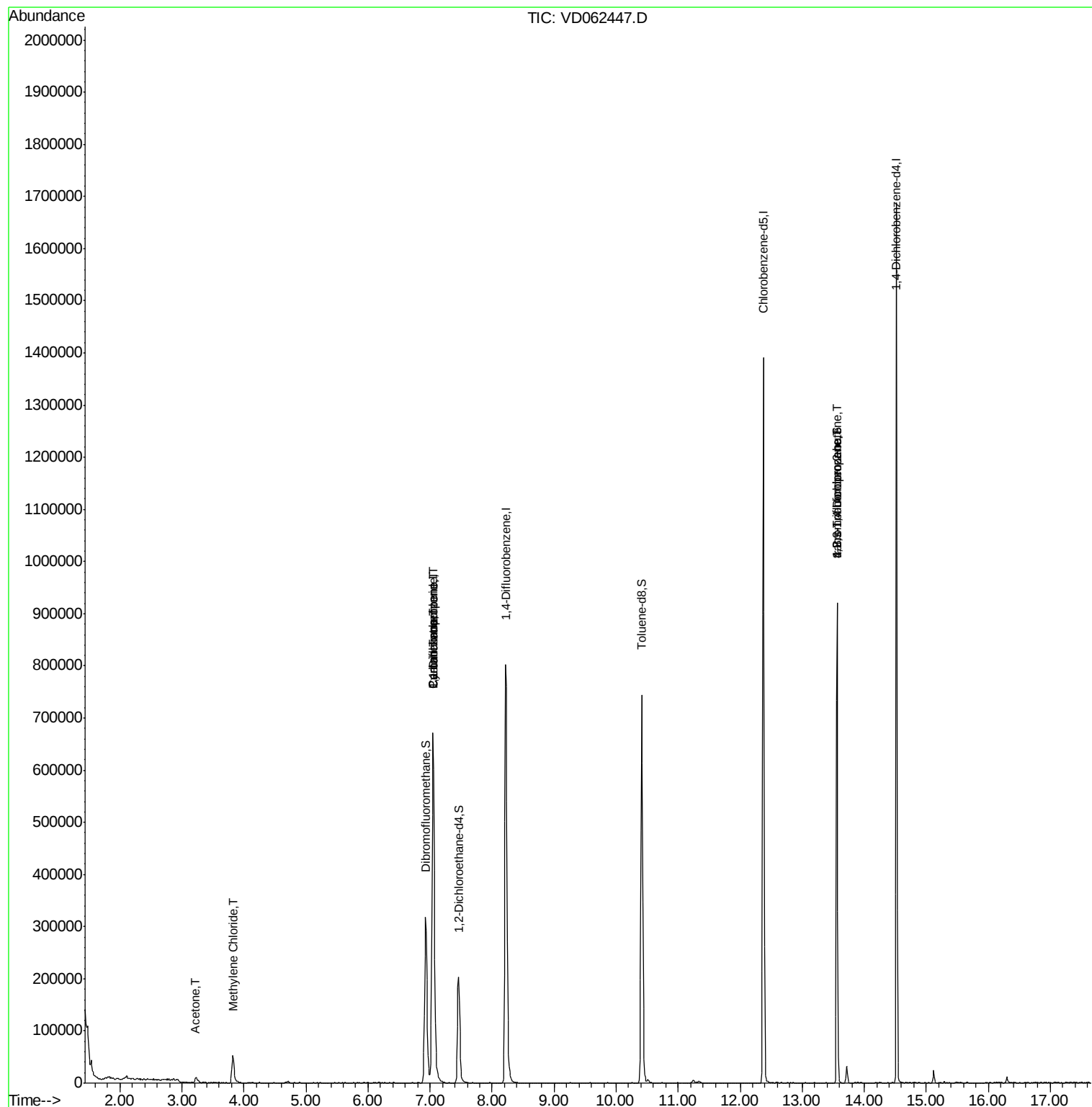
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	625741	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	882319	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	741420	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	408144	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	220925	37.99	ug/l	0.04
Spiked Amount 50.000			Recovery	=	75.98%	
35) Dibromofluoromethane	6.93	113	276583	37.78	ug/l	0.04
Spiked Amount 50.000			Recovery	=	75.56%	
50) Toluene-d8	10.41	98	583921	33.08	ug/l	0.02
Spiked Amount 50.000			Recovery	=	66.16%	
62) 4-Bromofluorobenzene	13.56	95	263903	37.23	ug/l	0.02
Spiked Amount 50.000			Recovery	=	74.46%	
Target Compounds						
					Qvalue	
16) Acetone	3.22	43	19206	15.749	ug/l #	85
20) Methylene Chloride	3.82	84	33882	6.654	ug/l	97
31) Cyclohexane	7.05	56	12506	2.050	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	47162	6.519	ug/l #	50
38) Carbon Tetrachloride	7.05	117	65349	6.527	ug/l #	16
76) 1,2,3-Trichloropropane	13.56	75	103437	21.325	ug/l #	43
81) trans-1,4-Dichloro-2-buten	13.56	75	112754	82.344	ug/l #	16

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

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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: 7.05 min Scan# 571

Delta R.T. 0.03 min

Lab File: VD062447.D

Acq: 17 May 2019 19:08

Instrument :

MSVOA_D

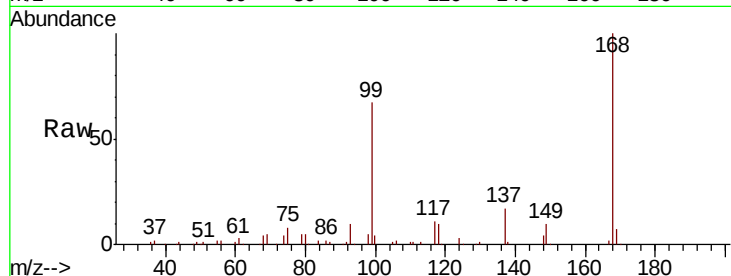
ClientSampleId :

Tot Ion:168 Resp: 625741

Ion Ratio Lower Upper

168 100

99 66.5 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

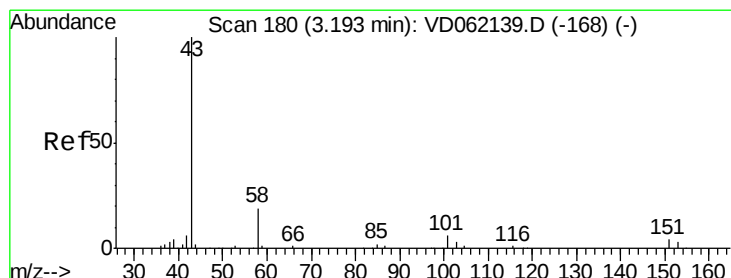
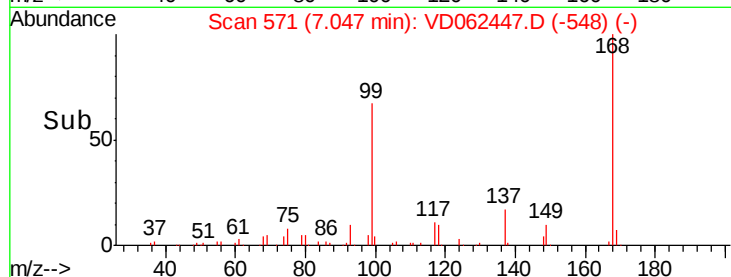
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 15.749 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.03 min

Lab File: VD062447.D

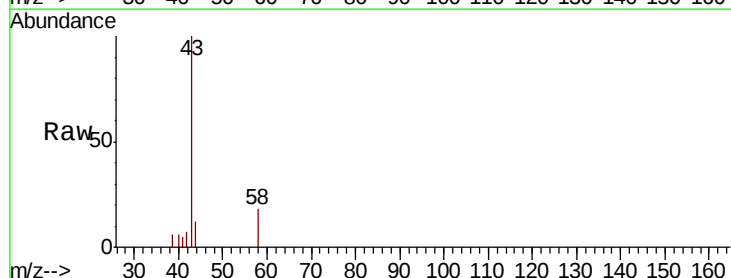
Acq: 17 May 2019 19:08

Tgt Ion: 43 Resp: 19206

Ion Ratio Lower Upper

43 100

58 17.5 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

8000

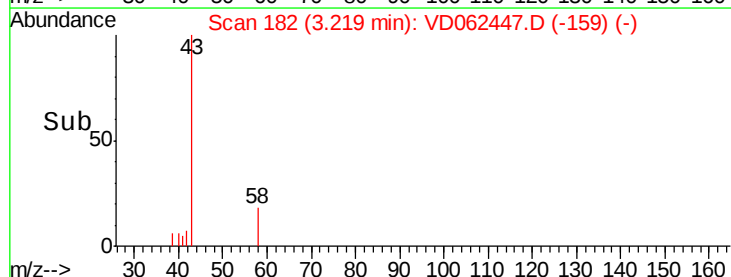
6000

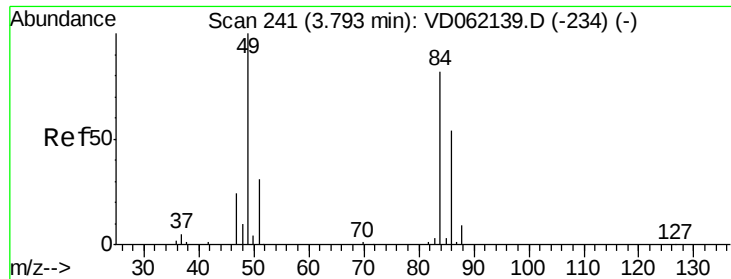
4000

2000

0

Time--> 3.10 3.20 3.30



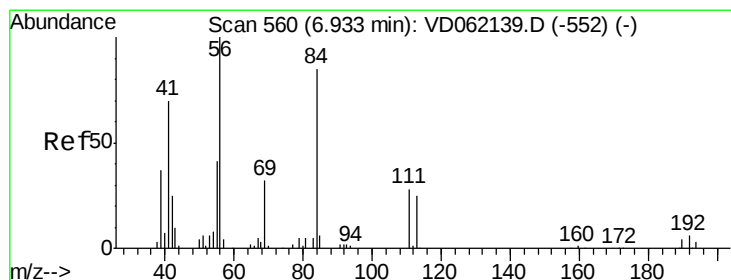
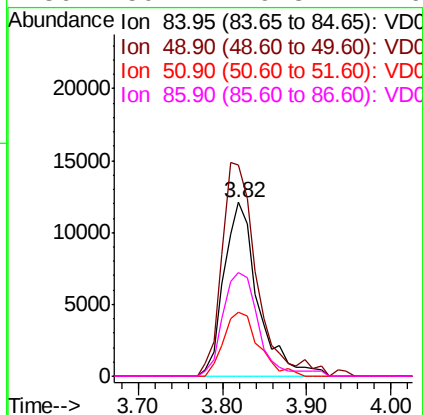
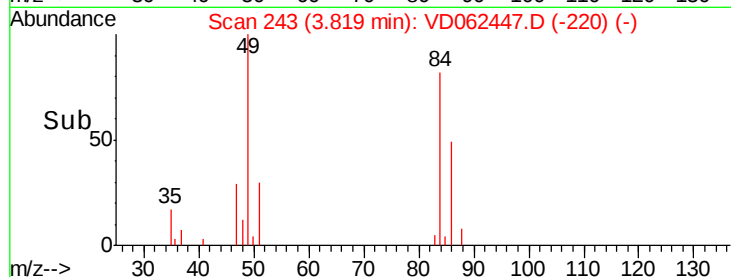
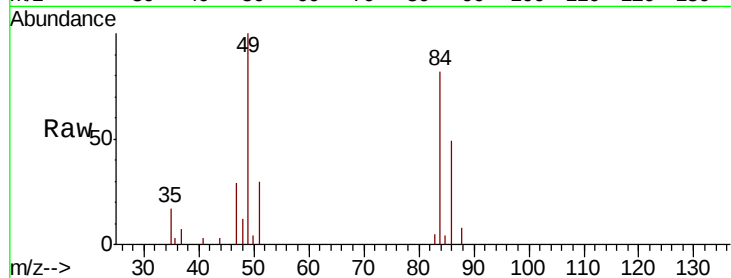


#20
Methylene Chloride
Concen: 6.654 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.03 min
Lab File: VD062447.D
Acq: 17 May 2019 19:08

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 33882

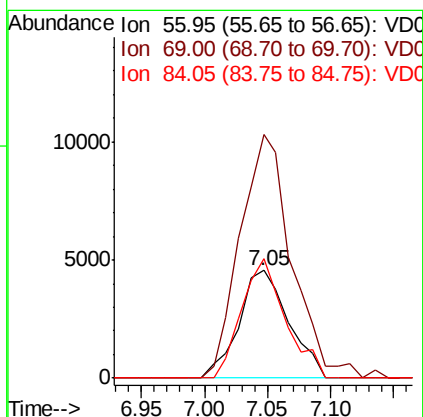
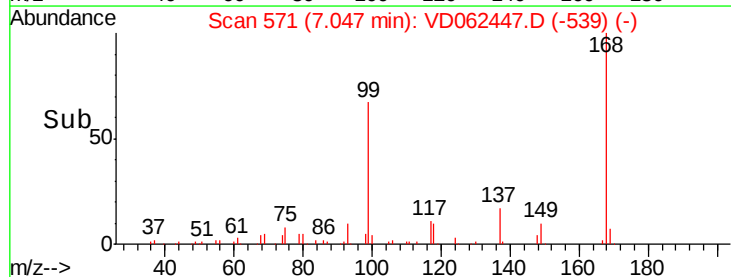
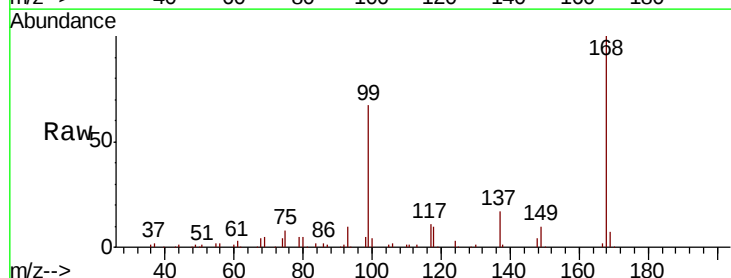
Ion	Ratio	Lower	Upper
84	100		
49	121.7	94.0	141.0
51	36.6	29.0	43.4
86	59.7	49.8	74.6

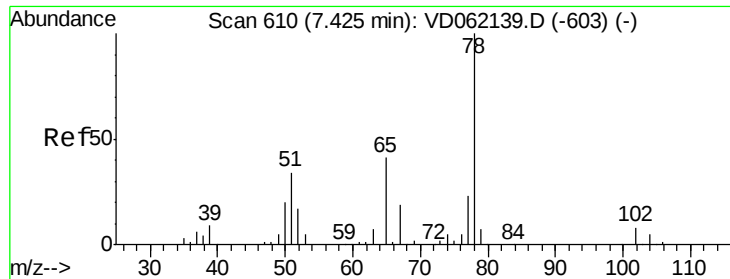


#31
Cyclohexane
Concen: 2.050 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.11 min
Lab File: VD062447.D
Acq: 17 May 2019 19:08

Tgt Ion: 56 Resp: 12506

Ion	Ratio	Lower	Upper
56	100		
69	226.5	25.8	38.6#
84	110.6	72.2	108.4#





#33

1,2-Dichloroethane-d4

Concen: 37.992 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.04 min

Lab File: VD062447.D

Acq: 17 May 2019 19:08

Instrument :

MSVOA_D

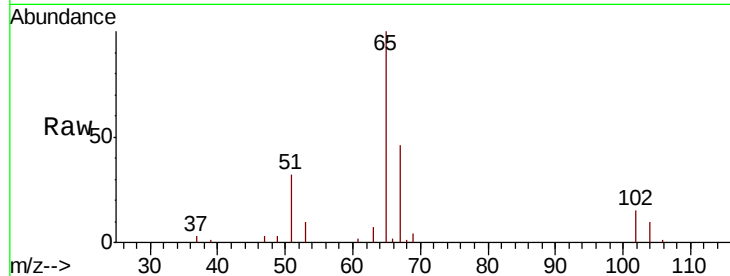
ClientSampleId :

Tot Ion: 65 Resp: 220925

Ion Ratio Lower Upper

65 100

67 45.8 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

80000

60000

40000

20000

0

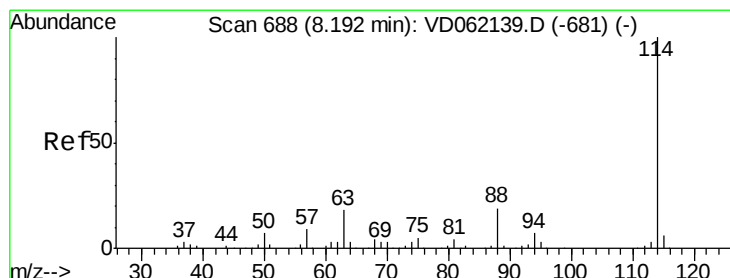
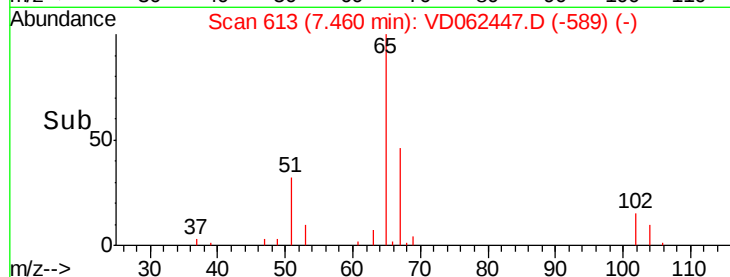
Time-->

7.30

7.40

7.50

7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.03 min

Lab File: VD062447.D

Acq: 17 May 2019 19:08

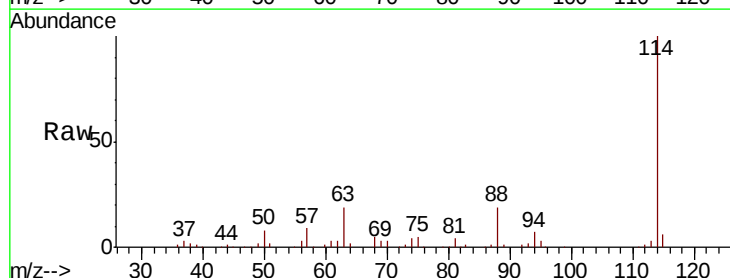
Tgt Ion: 114 Resp: 882319

Ion Ratio Lower Upper

114 100

63 18.8 0.0 32.4

88 19.3 0.0 33.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.22

400000

300000

200000

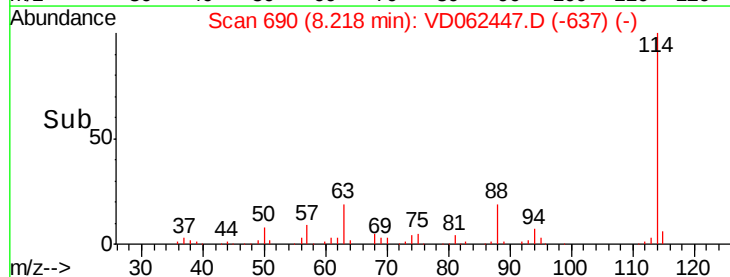
100000

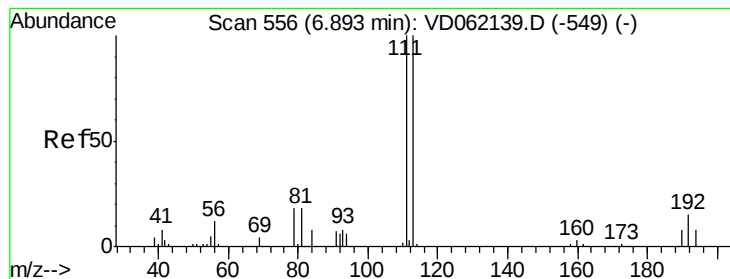
0

Time-->

8.20

8.40





#35

Dibromofluoromethane

Concen: 37.781 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.04 min

Lab File: VD062447.D

Acq: 17 May 2019 19:08

Instrument :

MSVOA_D

ClientSampled :

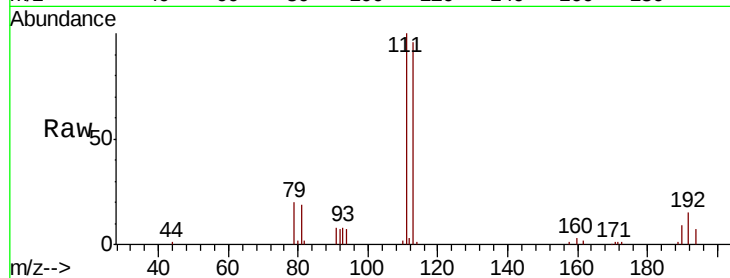
Tot Ion:113 Resp: 276583

Ion Ratio Lower Upper

113 100

111 104.5 78.5 117.7

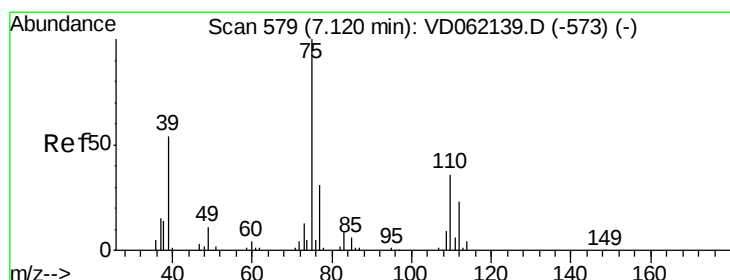
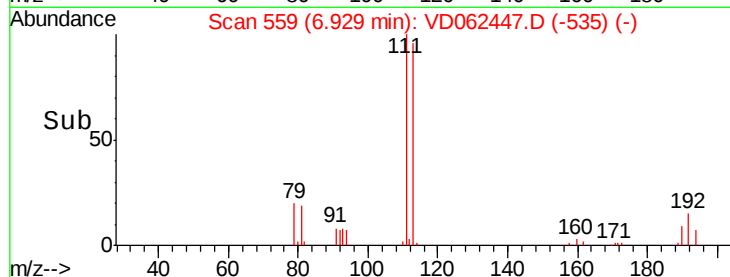
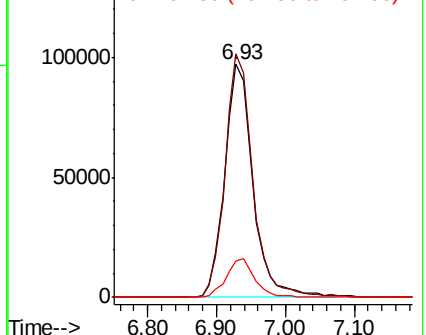
192 15.8 13.0 19.4



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: 6.519 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.07 min

Lab File: VD062447.D

Acq: 17 May 2019 19:08

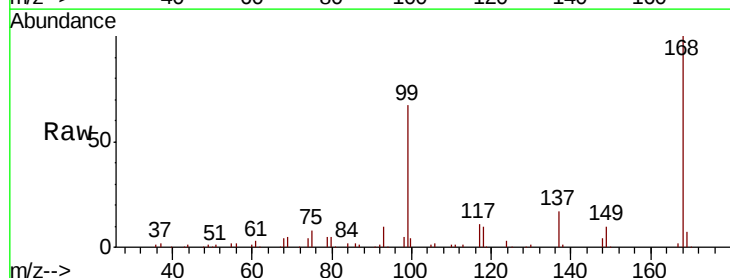
Tgt Ion: 75 Resp: 47162

Ion Ratio Lower Upper

75 100

110 11.3 19.1 57.1#

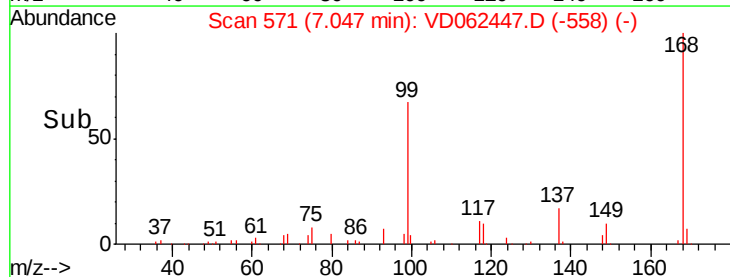
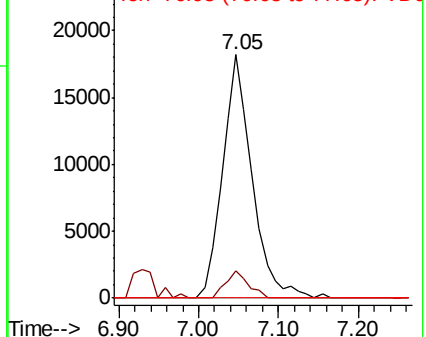
77 0.0 25.6 38.4#

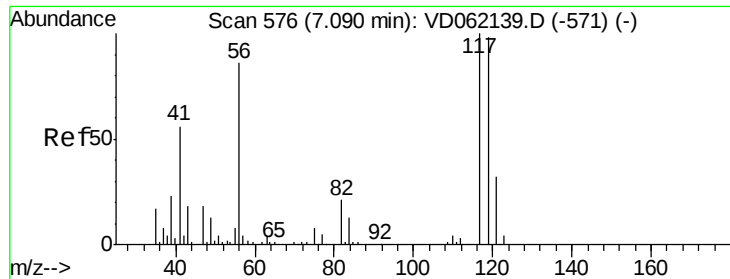


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V





#38

Carbon Tetrachloride

Concen: 6.527 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.04 min

Lab File: VD062447.D

Acq: 17 May 2019 19:08

Instrument :

MSVOA_D

ClientSampleId :

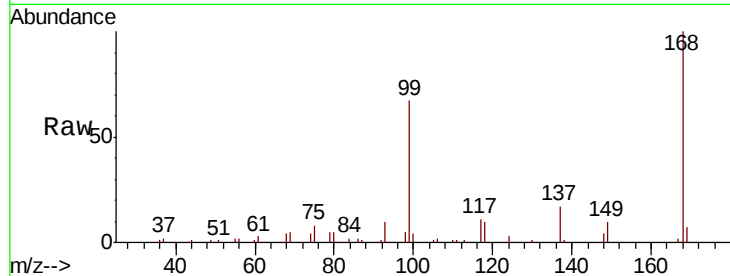
Tot Ion:117 Resp: 65349

Ion Ratio Lower Upper

117 100

119 4.1 75.8 113.8#

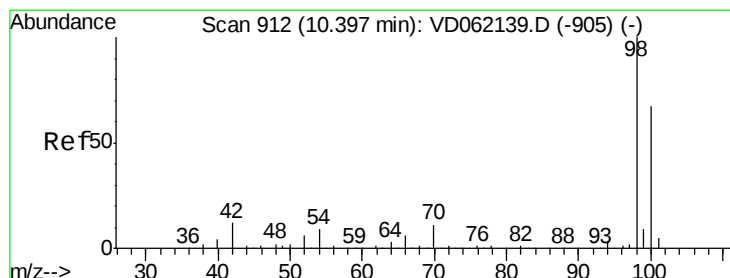
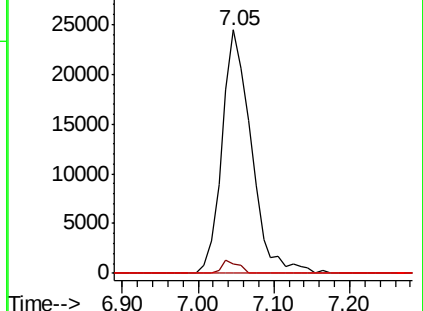
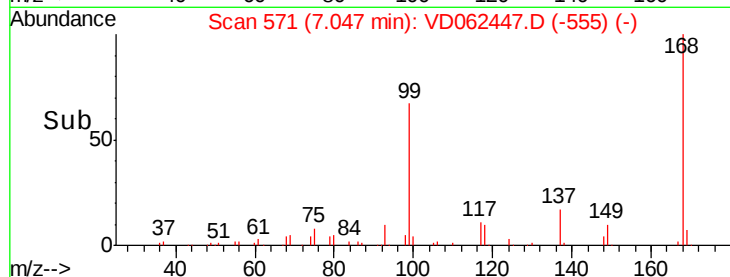
121 0.0 25.9 38.9#



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: 33.082 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.02 min

Lab File: VD062447.D

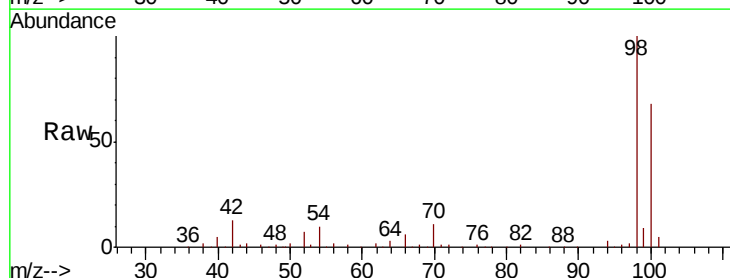
Acq: 17 May 2019 19:08

Tgt Ion: 98 Resp: 583921

Ion Ratio Lower Upper

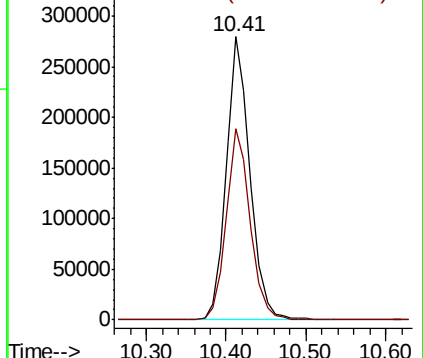
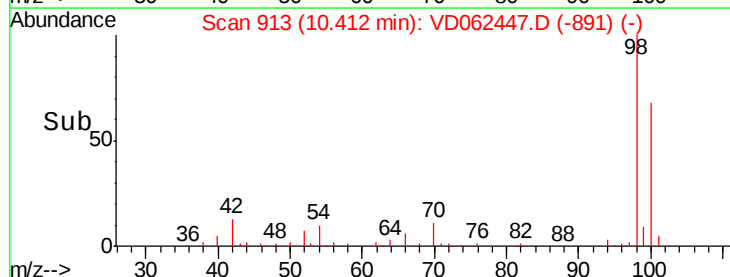
98 100

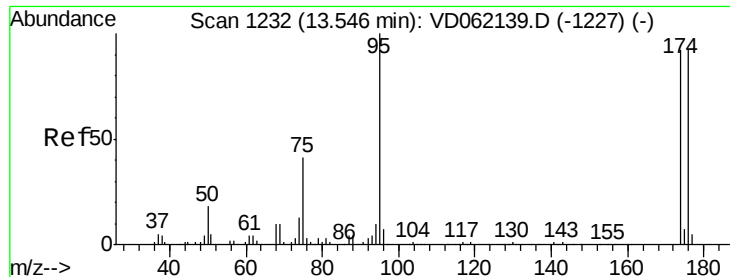
100 67.8 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 37.233 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.02 min

Lab File: VD062447.D

Acq: 17 May 2019 19:08

Instrument :

MSVOA_D

ClientSampleId :

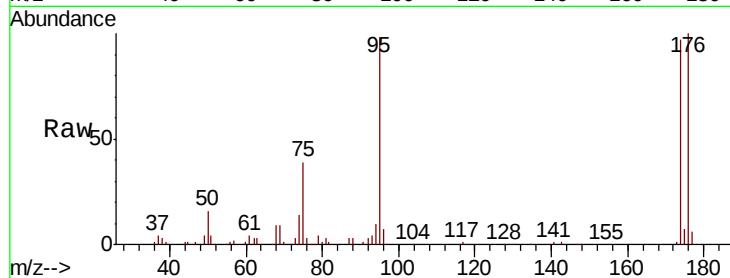
Tot Ion: 95 Resp: 263903

Ion Ratio Lower Upper

95 100

174 99.6 0.0 181.8

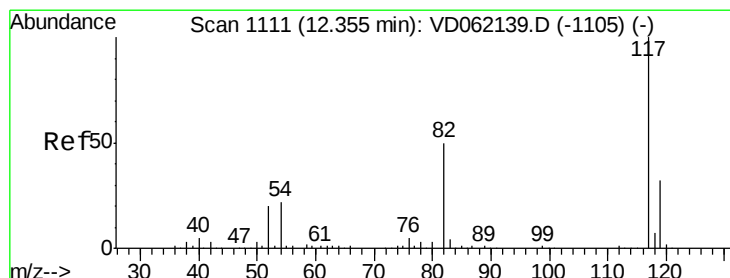
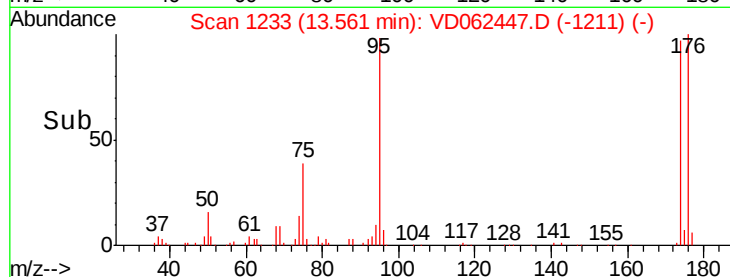
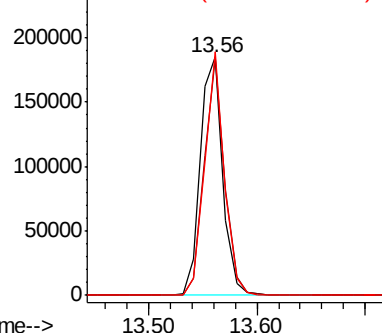
176 102.4 0.0 174.4



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: 12.37 min Scan# 1112

Delta R.T. 0.02 min

Lab File: VD062447.D

Acq: 17 May 2019 19:08

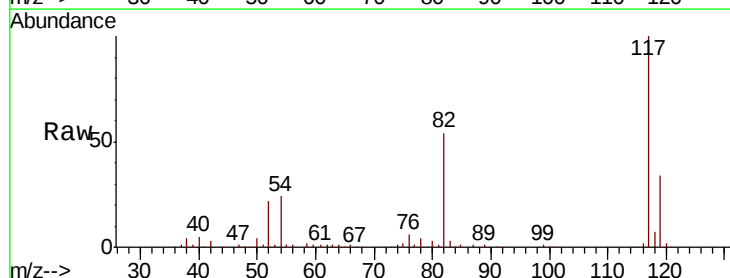
Tgt Ion: 117 Resp: 741420

Ion Ratio Lower Upper

117 100

82 54.2 36.2 54.2

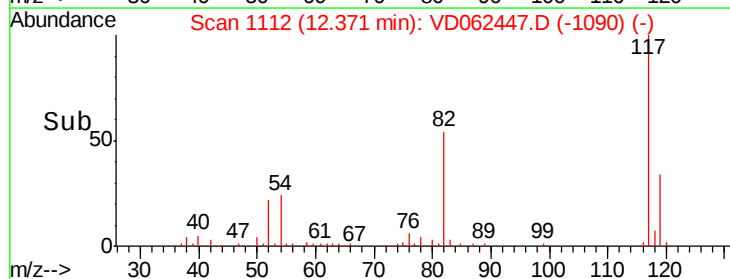
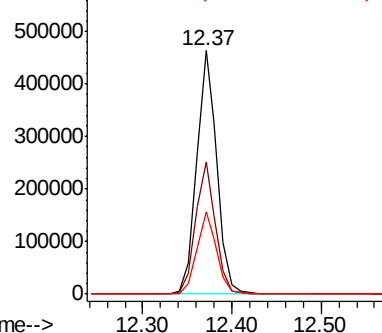
119 33.7 26.2 39.4

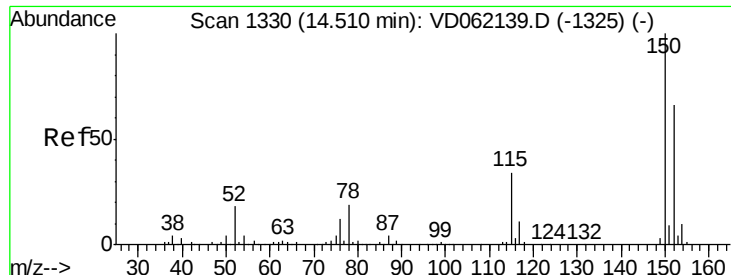


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD062447.D

Acq: 17 May 2019 19:08

Instrument :

MSVOA_D

ClientSampleId :

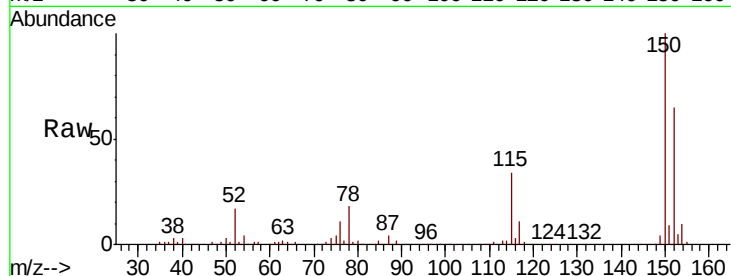
Tot Ion:152 Resp: 408144

Ion Ratio Lower Upper

152 100

115 51.9 30.9 92.7

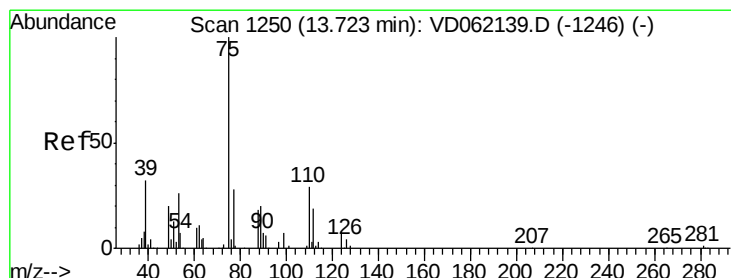
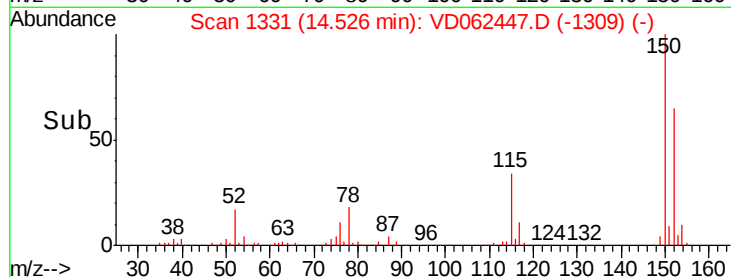
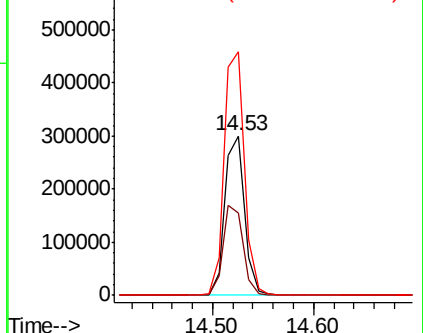
150 153.0 0.0 314.8



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: 21.325 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.16 min

Lab File: VD062447.D

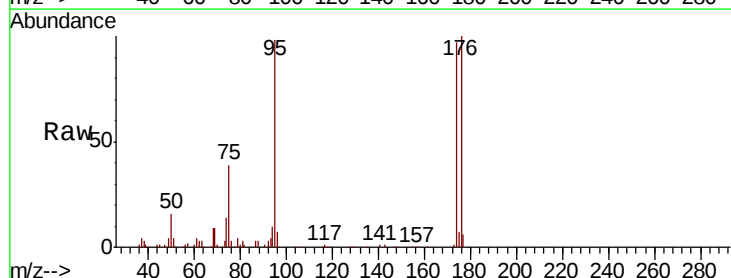
Acq: 17 May 2019 19:08

Tgt Ion: 75 Resp: 103437

Ion Ratio Lower Upper

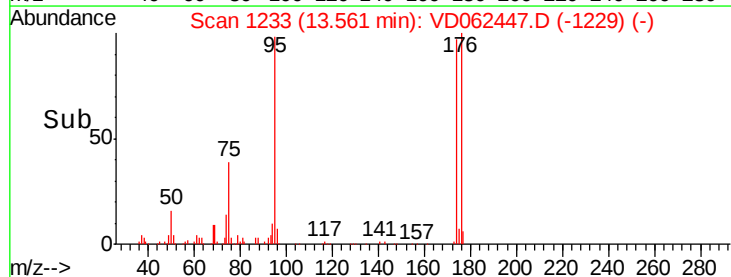
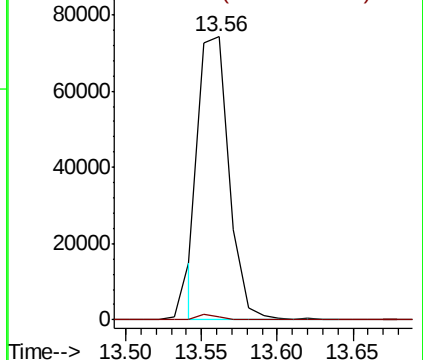
75 100

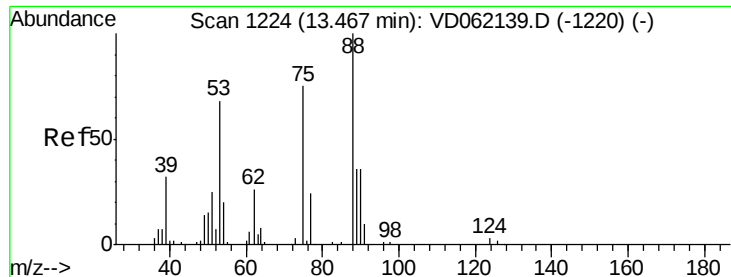
77 1.0 16.4 49.4#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 76.95 (76.65 to 77.65): V





#81

trans-1,4-Dichloro-2-butene

Concen: 82.344 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD062447.D

Acq: 17 May 2019 19:08

Instrument :

MSVOA_D

ClientSampleId :

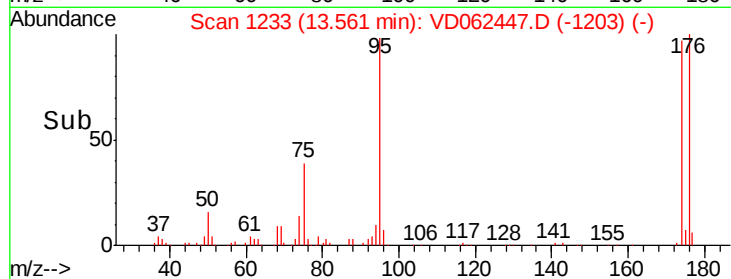
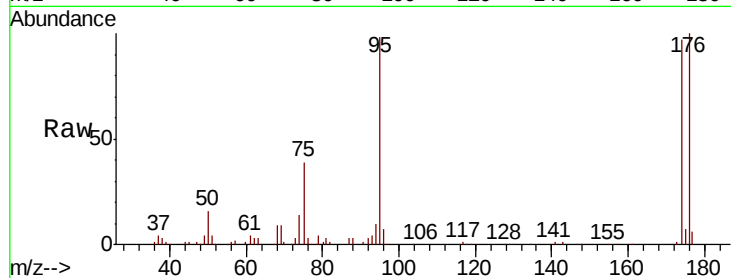
Tot Ion: 75 Resp: 112754

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

