

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051619\
 Data File : VD062426.D
 Acq On : 16 May 2019 19:18
 Operator : FY/SY
 Sample : K2865-05RE
 Misc : 2.50µ/5mL/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-22-S1RE

Quant Time: May 17 02:30:55 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

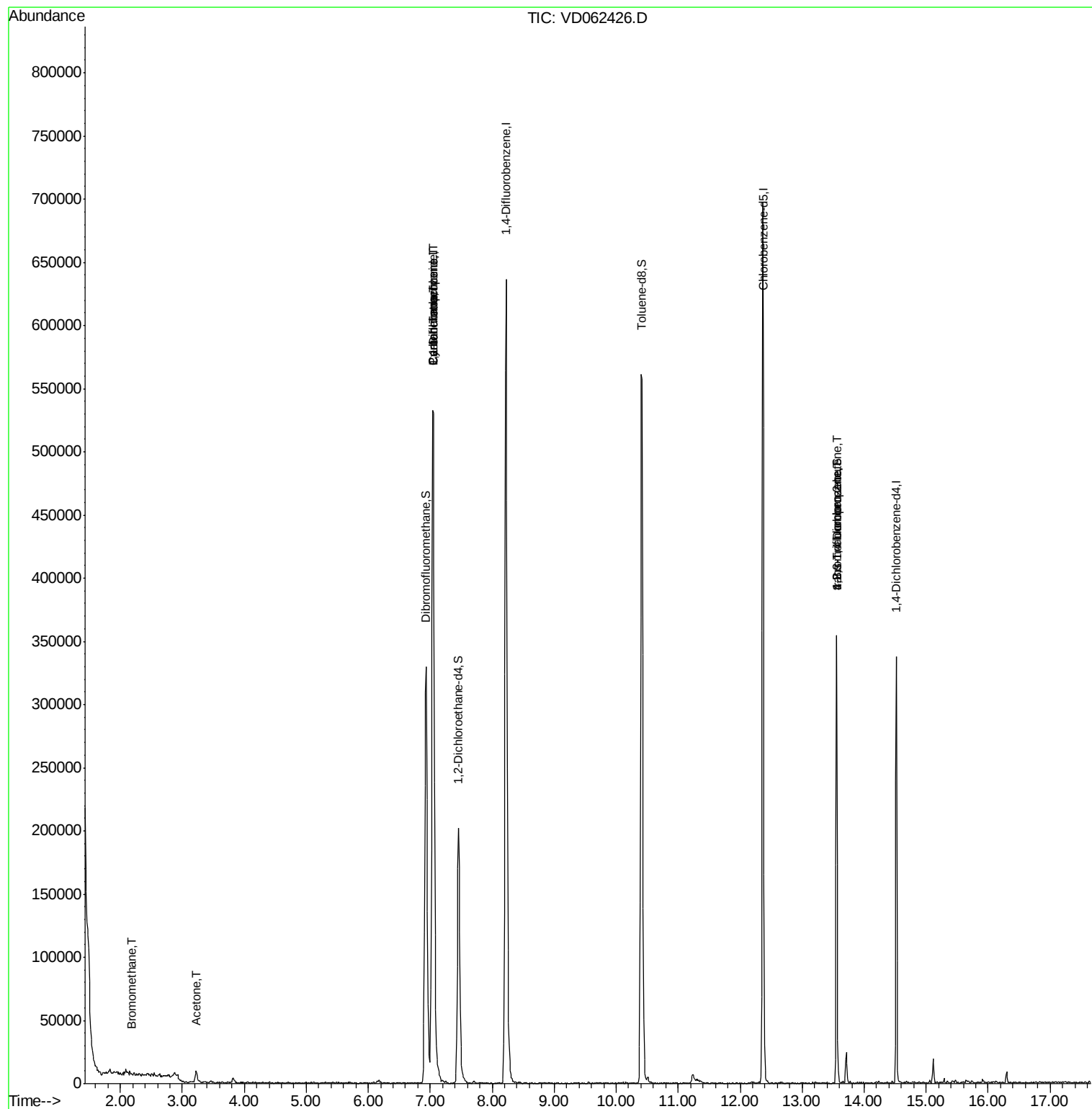
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	533963	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	699958	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	373865	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	71544	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	228320	46.01	ug/l	0.03
Spiked Amount 50.000			Recovery	=	92.02%	
35) Dibromofluoromethane	6.93	113	291955	50.27	ug/l	0.04
Spiked Amount 50.000			Recovery	=	100.54%	
50) Toluene-d8	10.41	98	499260	35.65	ug/l	0.01
Spiked Amount 50.000			Recovery	=	71.30%	
62) 4-Bromofluorobenzene	13.56	95	94246	16.76	ug/l	0.01
Spiked Amount 50.000			Recovery	=	33.52%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.19	94	1392	1.638	ug/l #	12
16) Acetone	3.22	43	17510	16.826	ug/l	97
18) Methyl Acetate	3.65	43	523	Below Cal	#	53
31) Cyclohexane	7.05	56	10339	1.986	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	40032	6.975	ug/l #	46
38) Carbon Tetrachloride	7.05	117	54507	6.862	ug/l #	16
76) 1,2,3-Trichloropropane	13.56	75	26876	31.610	ug/l #	44
81) trans-1,4-Dichloro-2-buten	13.56	75	39145	163.085	ug/l #	16

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

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TP-22-S1RE

Quant Time: May 17 02:30:55 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: 7.05 min Scan# 572

Delta R.T. 0.03 min

Lab File: VD062426.D

Acq: 16 May 2019 19:18

Instrument :

MSVOA_D

ClientSampleId :

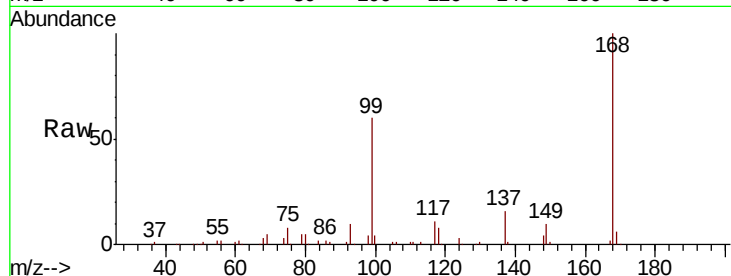
TP-22-S1RE

Tot Ion:168 Resp: 533963

Ion Ratio Lower Upper

168 100

99 60.2 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

200000

150000

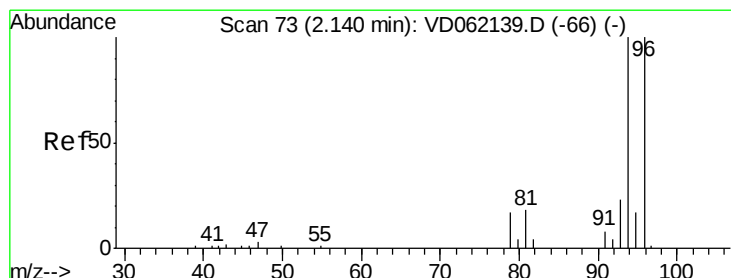
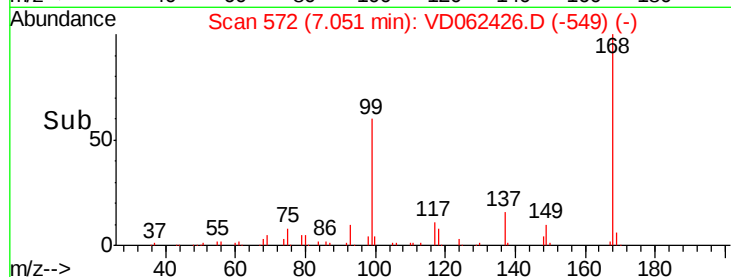
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#5

Bromomethane

Concen: 1.638 ug/l

RT: 2.19 min Scan# 78

Delta R.T. 0.05 min

Lab File: VD062426.D

Acq: 16 May 2019 19:18

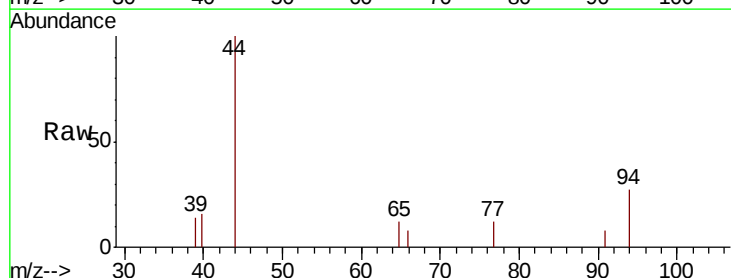
Tgt Ion: 94 Resp: 1392

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

2.19

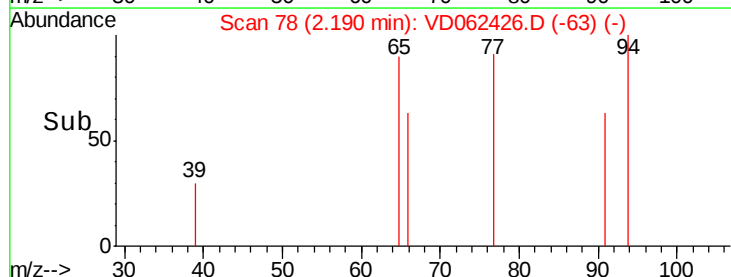
1000

500

0

2.10 2.15 2.20

Time-->





#16

Acetone

Concen: 16.826 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD062426.D

Acq: 16 May 2019 19:18

Instrument :

MSVOA_D

ClientSampleId :

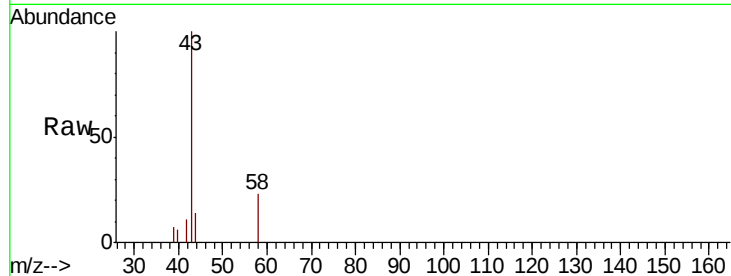
TP-22-S1RE

Tot Ion: 43 Resp: 17510

Ion Ratio Lower Upper

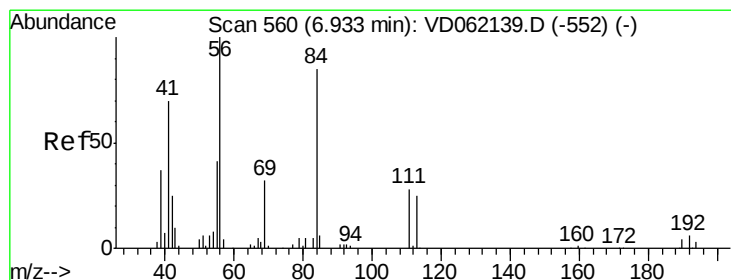
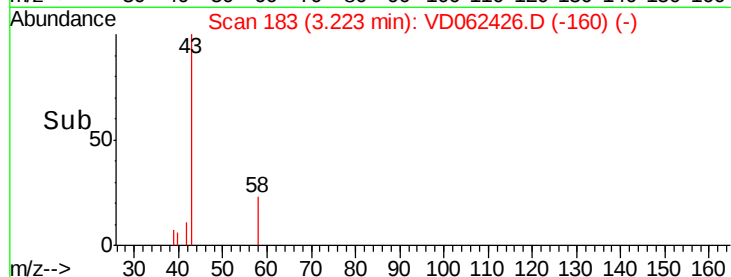
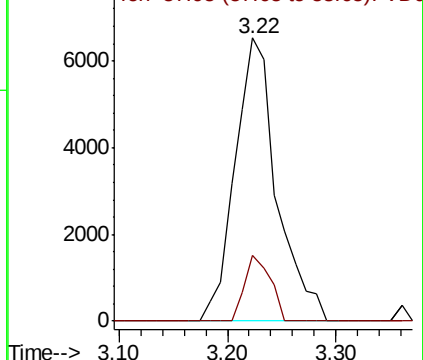
43 100

58 23.3 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: 1.986 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.12 min

Lab File: VD062426.D

Acq: 16 May 2019 19:18

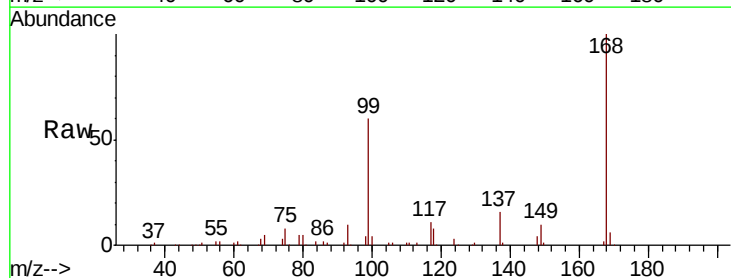
Tgt Ion: 56 Resp: 10339

Ion Ratio Lower Upper

56 100

69 263.1 25.8 38.6#

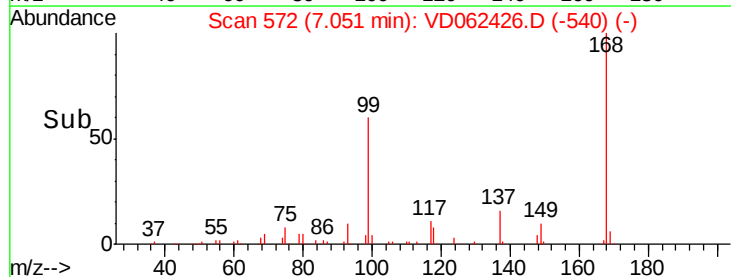
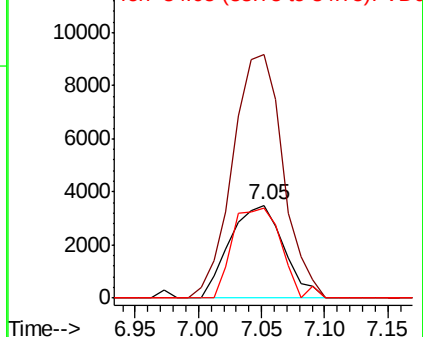
84 96.6 72.2 108.4



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

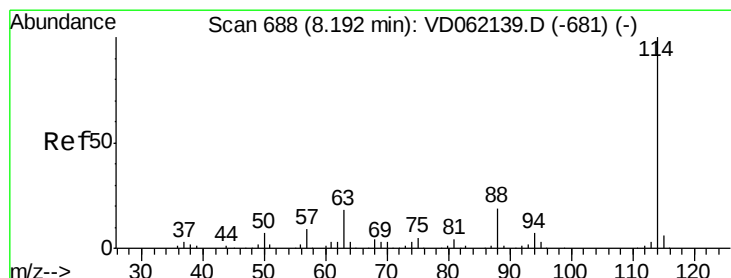
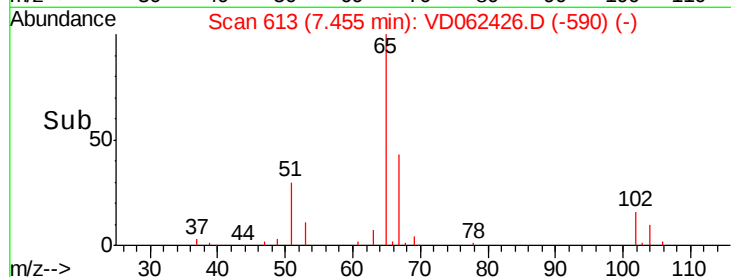
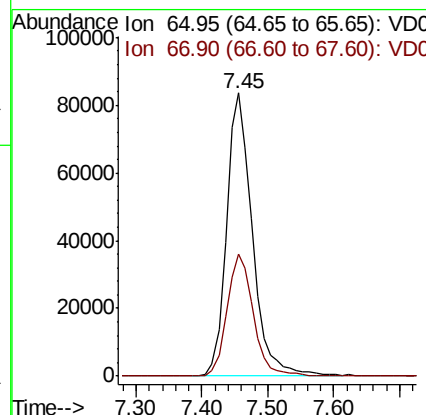
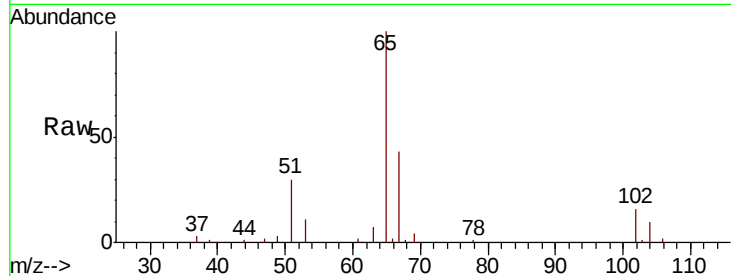




#33
 1,2-Dichloroethane-d4
 Concen: 46.012 ug/l
 RT: 7.45 min Scan# 613
 Delta R.T. 0.03 min
 Lab File: VD062426.D
 Acq: 16 May 2019 19:18

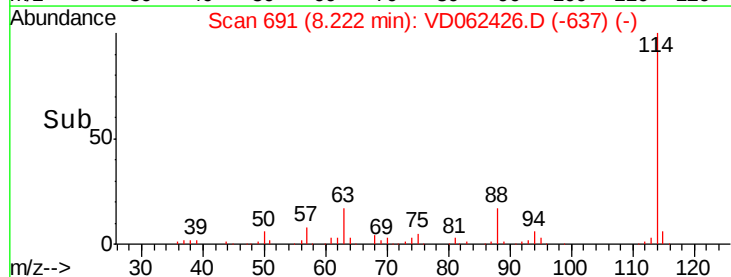
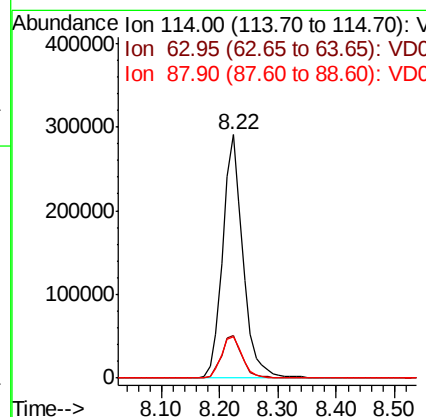
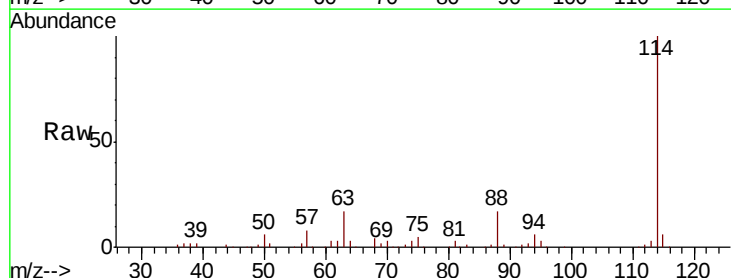
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-22-S1RE

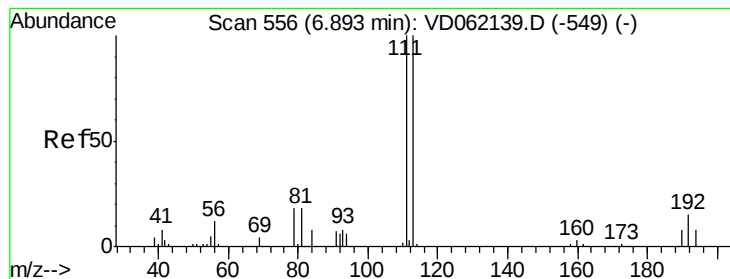
Tot Ion: 65 Resp: 228320
 Ion Ratio Lower Upper
 65 100
 67 43.0 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.03 min
 Lab File: VD062426.D
 Acq: 16 May 2019 19:18

Tgt Ion: 114 Resp: 699958
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 32.4
 88 16.9 0.0 33.6





#35

Dibromofluoromethane

Concen: 50.271 ug/l

RT: 6.93 min Scan# 560

Delta R.T. 0.04 min

Lab File: VD062426.D

Acq: 16 May 2019 19:18

Instrument :

MSVOA_D

ClientSampled :

TP-22-S1RE

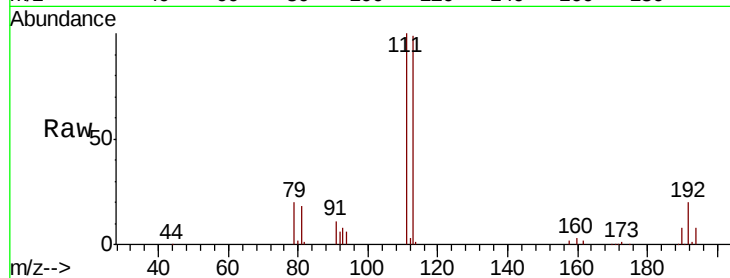
Tot Ion:113 Resp: 291955

Ion Ratio Lower Upper

113 100

111 100.6 78.5 117.7

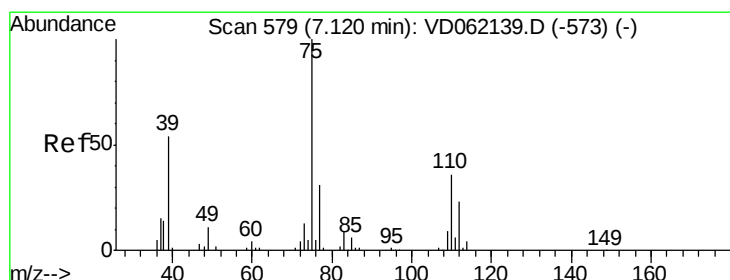
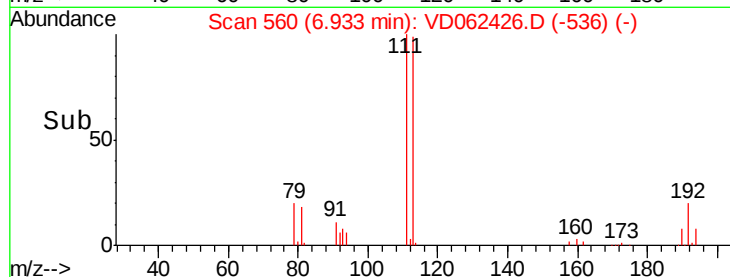
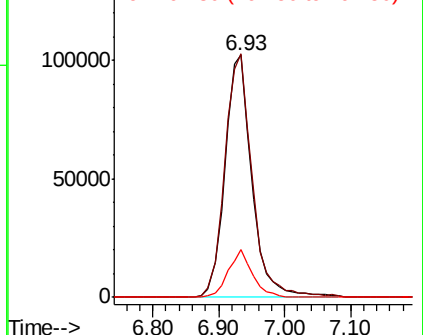
192 20.0 13.0 19.4#



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: 6.975 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.07 min

Lab File: VD062426.D

Acq: 16 May 2019 19:18

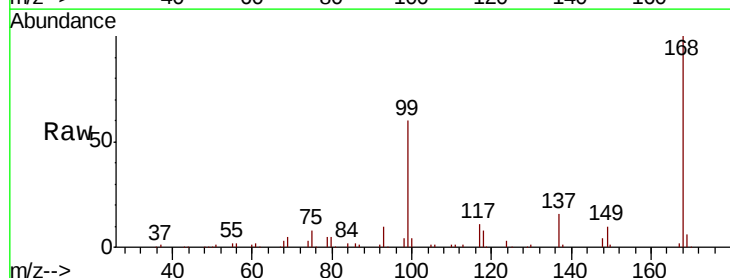
Tgt Ion: 75 Resp: 40032

Ion Ratio Lower Upper

75 100

110 7.5 19.1 57.1#

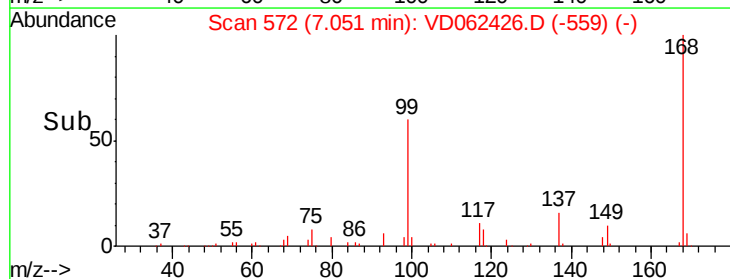
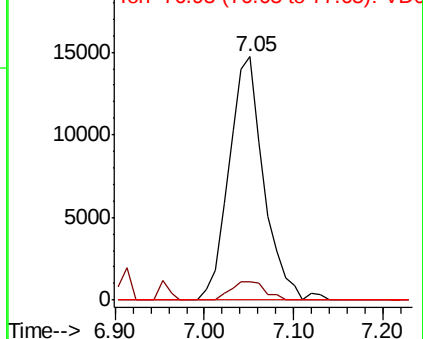
77 0.0 25.6 38.4#

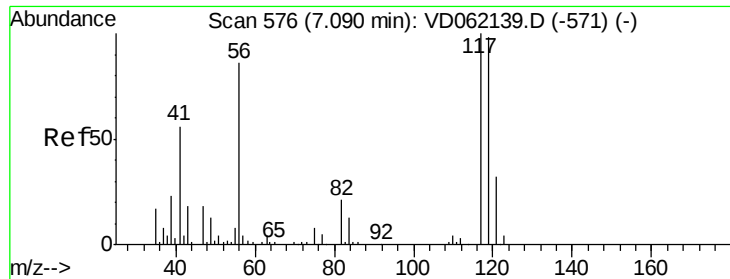


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V





#38

Carbon Tetrachloride

Concen: 6.862 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.04 min

Lab File: VD062426.D

Acq: 16 May 2019 19:18

Instrument :

MSVOA_D

ClientSampleId :

TP-22-S1RE

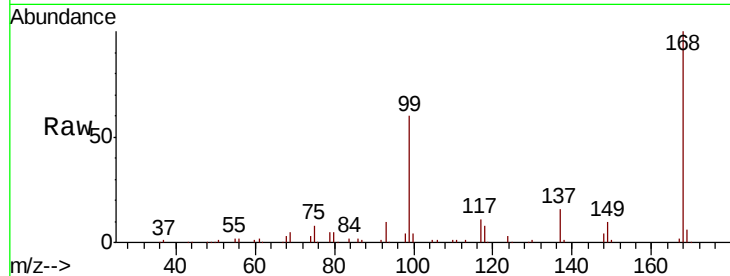
Tot Ion:117 Resp: 54507

Ion Ratio Lower Upper

117 100

119 4.0 75.8 113.8#

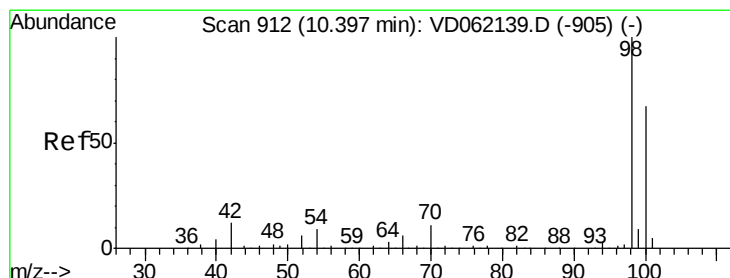
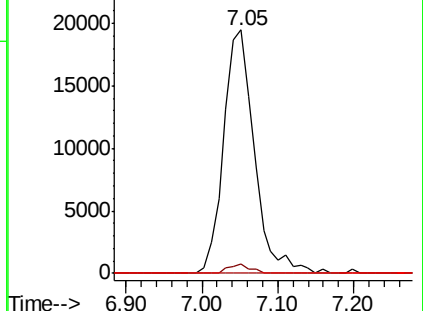
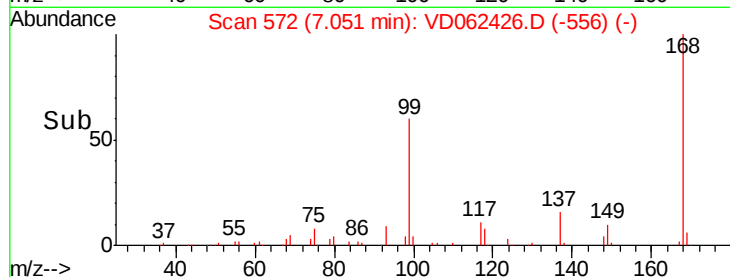
121 0.0 25.9 38.9#



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: 35.655 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD062426.D

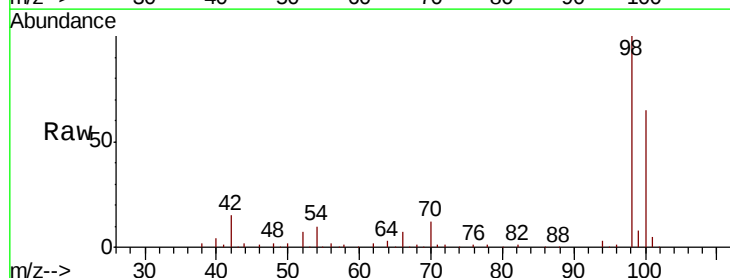
Acq: 16 May 2019 19:18

Tgt Ion: 98 Resp: 499260

Ion Ratio Lower Upper

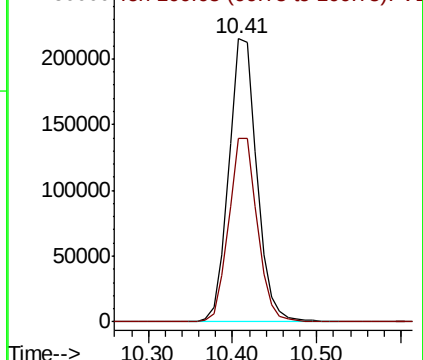
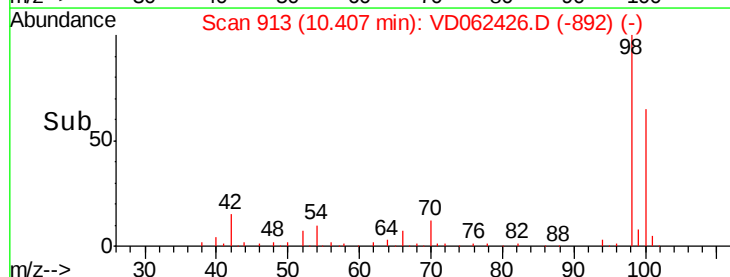
98 100

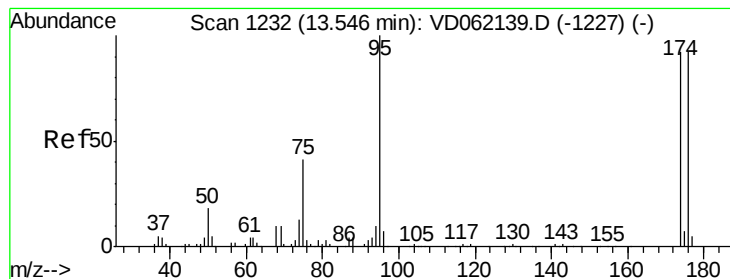
100 65.0 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 16.761 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062426.D

Acq: 16 May 2019 19:18

Instrument :

MSVOA_D

ClientSampleId :

TP-22-S1RE

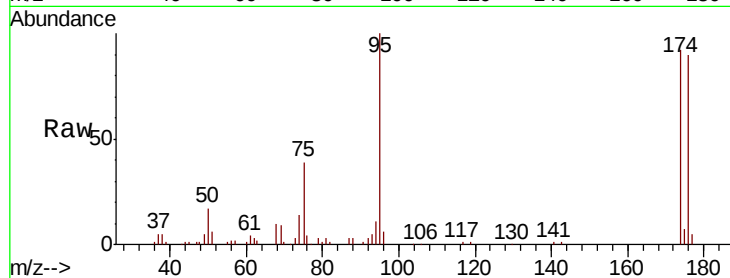
Tot Ion: 95 Resp: 94246

Ion Ratio Lower Upper

95 100

174 92.3 0.0 181.8

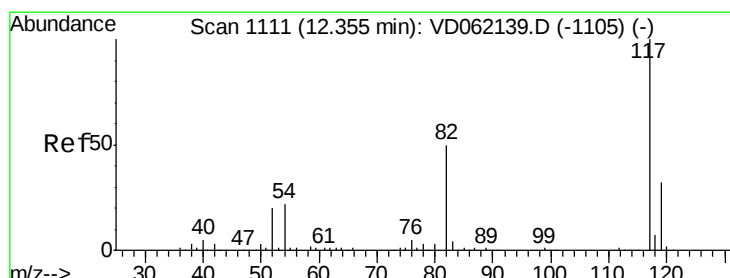
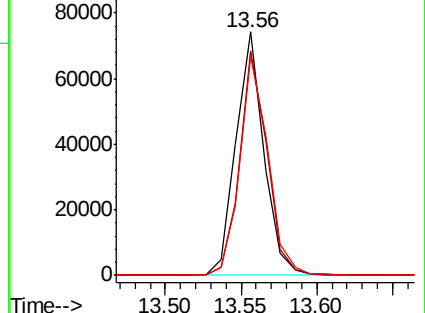
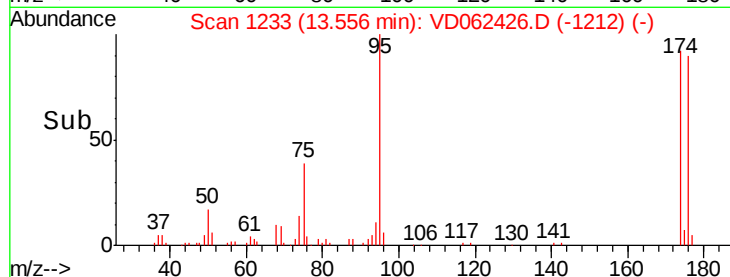
176 90.3 0.0 174.4



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: 12.37 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD062426.D

Acq: 16 May 2019 19:18

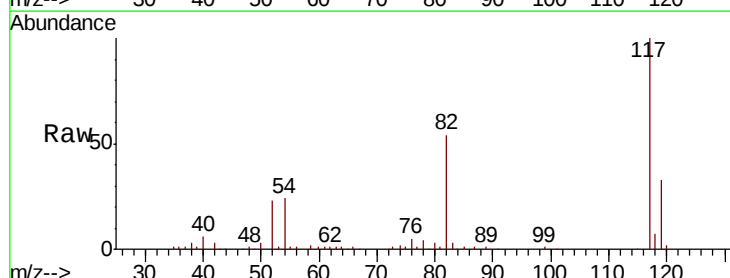
Tgt Ion: 117 Resp: 373865

Ion Ratio Lower Upper

117 100

82 53.6 36.2 54.2

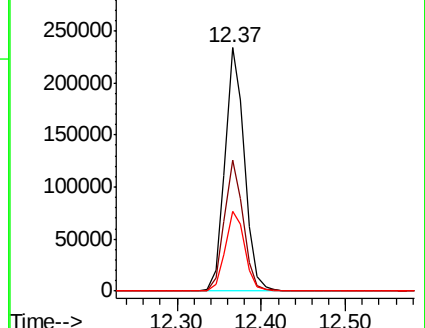
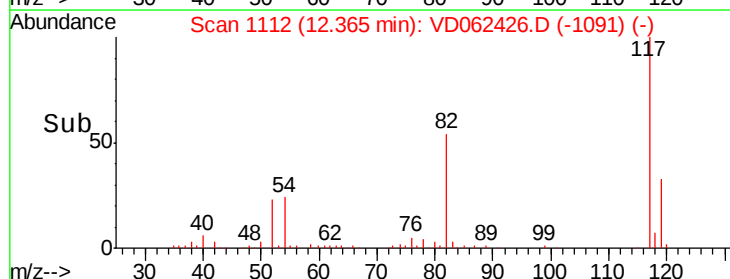
119 32.7 26.2 39.4

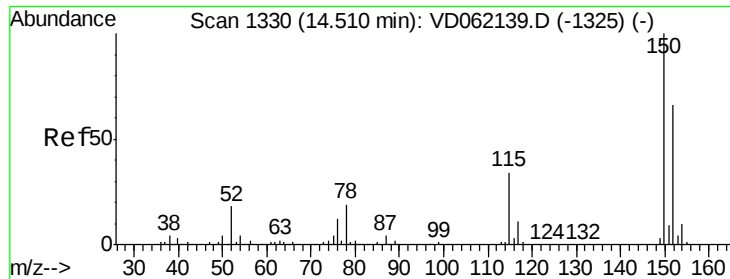


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.52 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VD062426.D

Acq: 16 May 2019 19:18

Instrument :

MSVOA_D

ClientSampleId :

TP-22-S1RE

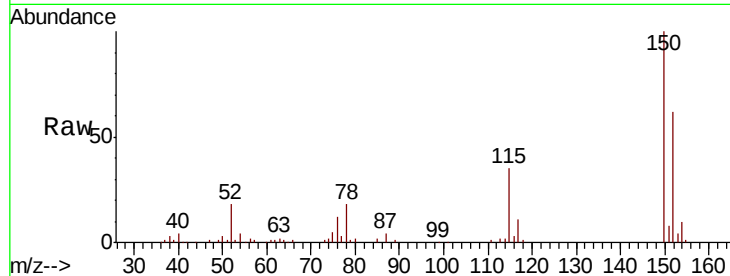
Tot Ion:152 Resp: 71544

Ion Ratio Lower Upper

152 100

115 57.1 30.9 92.7

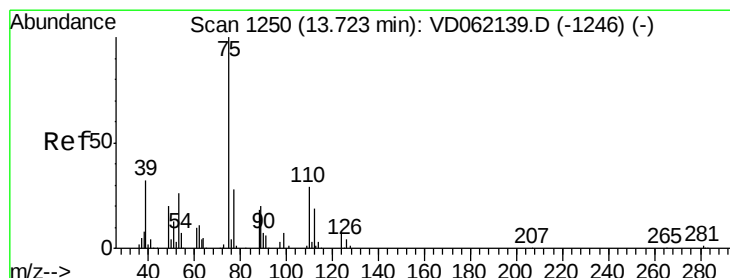
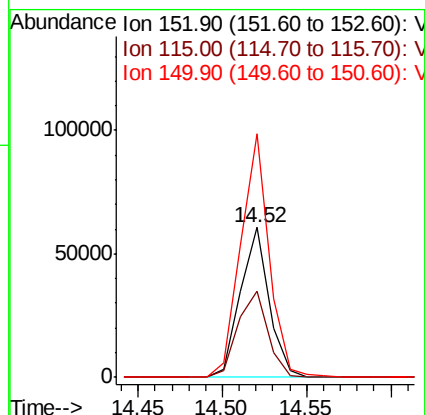
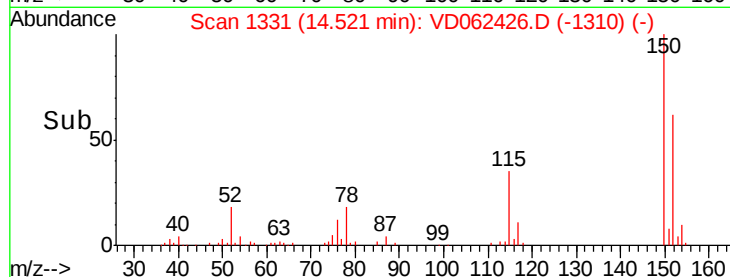
150 162.5 0.0 314.8



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: 31.610 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.17 min

Lab File: VD062426.D

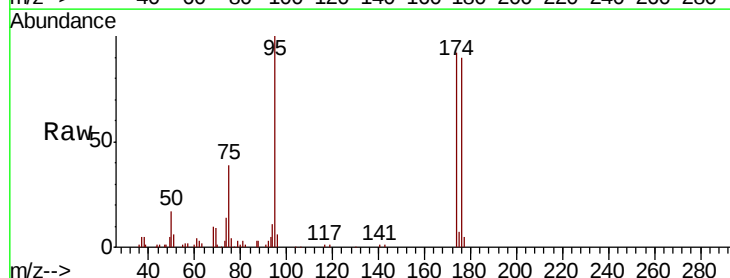
Acq: 16 May 2019 19:18

Tgt Ion: 75 Resp: 26876

Ion Ratio Lower Upper

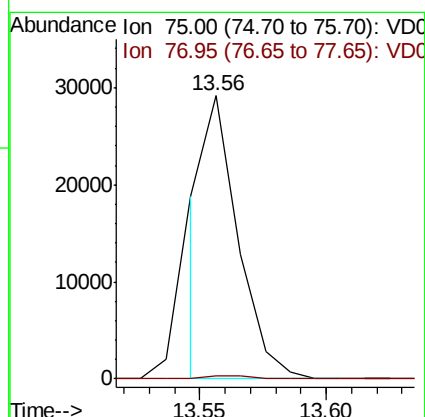
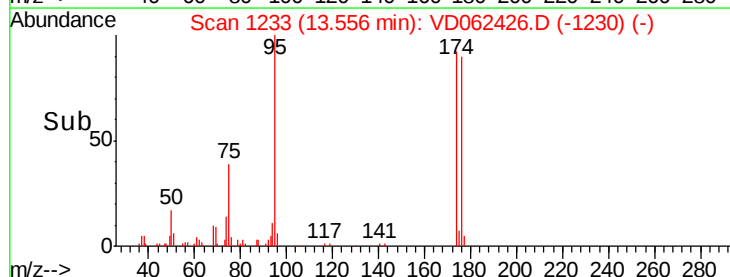
75 100

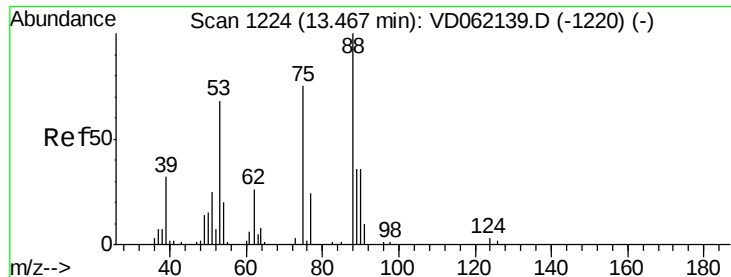
77 1.3 16.4 49.4#



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: 163.085 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD062426.D

Acq: 16 May 2019 19:18

Instrument :

MSVOA_D

ClientSampleId :

TP-22-S1RE

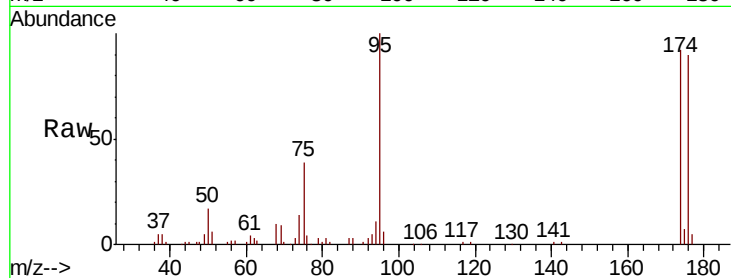
Tot Ion: 75 Resp: 39145

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

