

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050819\
 Data File : VD062171.D
 Acq On : 8 May 2019 13:53
 Operator : FY/SY
 Sample : K2672-19
 Misc : 5.07g/5mL/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10-1.0-1.5

Quant Time: May 09 01:24:18 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	7.02	168	565631	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	745225	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	516897	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	152246	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.42	65	280671	53.40	ug/l	0.00
Spiked Amount			Recovery	=	106.80%	
35) Dibromofluoromethane	6.90	113	347804	56.25	ug/l	0.00
Spiked Amount			Recovery	=	112.50%	
50) Toluene-d8	10.40	98	595058	39.91	ug/l	0.00
Spiked Amount			Recovery	=	79.82%	
62) 4-Bromofluorobenzene	13.55	95	190778	31.87	ug/l	0.00
Spiked Amount			Recovery	=	63.74%	

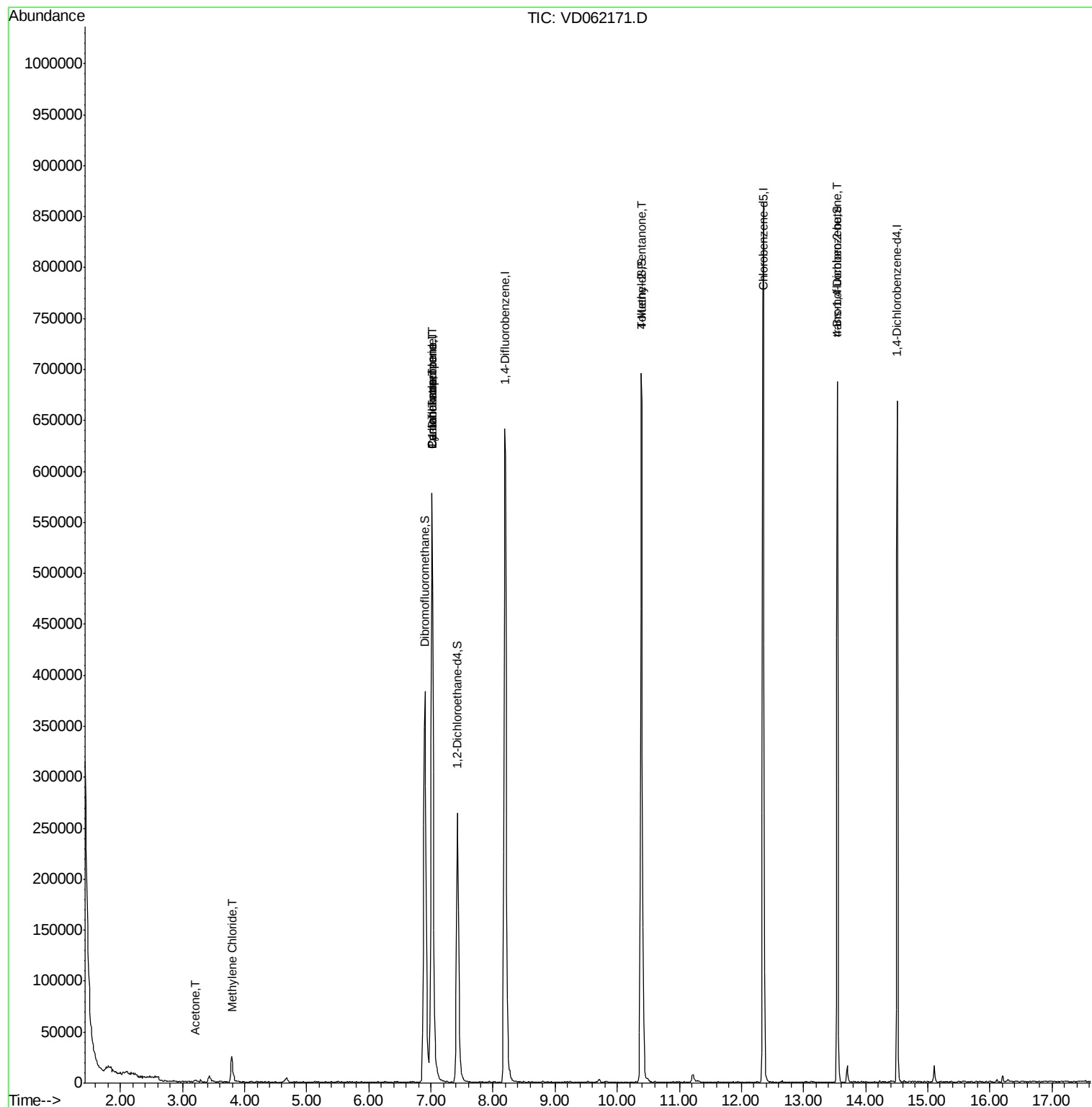
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.20	43	3946	3.580	ug/l	94
18) Methyl Acetate	3.61	43	411	Below Cal	#	53
20) Methylene Chloride	3.79	84	15436	3.354	ug/l	99
31) Cyclohexane	7.02	56	9838	1.784	ug/l #	1
36) 1,1-Dichloropropene	7.02	75	41261	6.753	ug/l #	46
38) Carbon Tetrachloride	7.02	117	53511	6.327	ug/l #	17
51) 4-Methyl-2-Pentanone	10.40	43	3581	1.516	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.55	75	79118	154.896	ug/l #	16

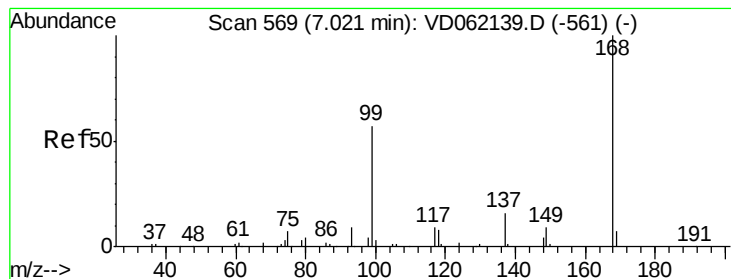
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD050819\
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SB-10-1.0-1.5

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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: 7.02 min Scan# 569

Delta R.T. -0.00 min

Lab File: VD062171.D

Acq: 8 May 2019 13:53

Instrument :

MSVOA_D

ClientSampleId :

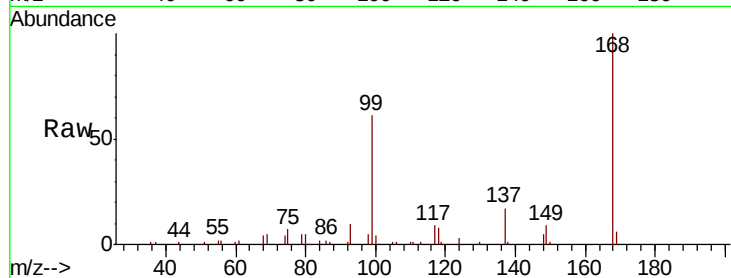
SB-10-1.0-1.5

Tot Ion:168 Resp: 565631

Ion Ratio Lower Upper

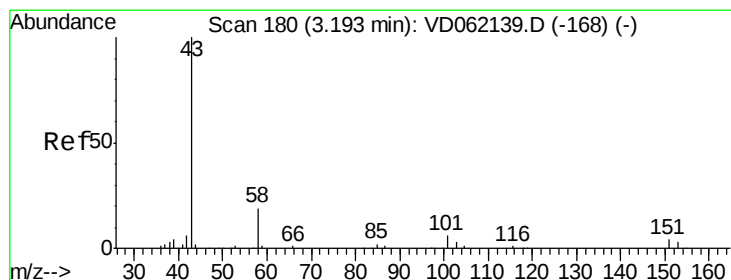
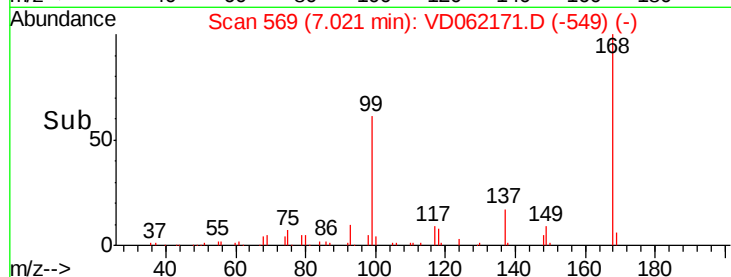
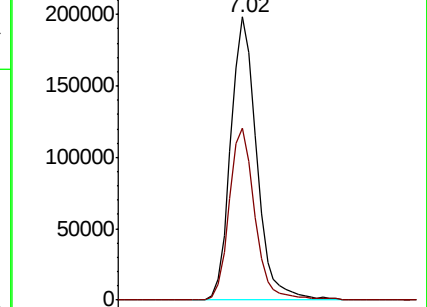
168 100

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



#16

Acetone

Concen: 3.580 ug/l

RT: 3.20 min Scan# 181

Delta R.T. 0.01 min

Lab File: VD062171.D

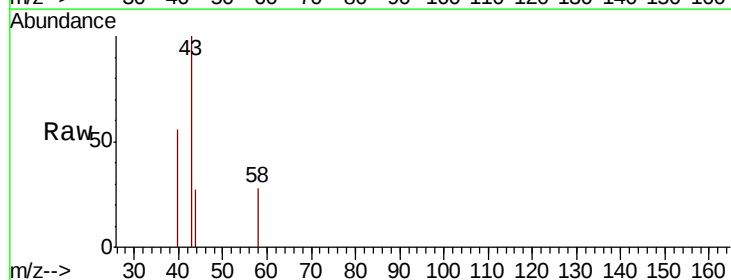
Acq: 8 May 2019 13:53

Tgt Ion: 43 Resp: 3946

Ion Ratio Lower Upper

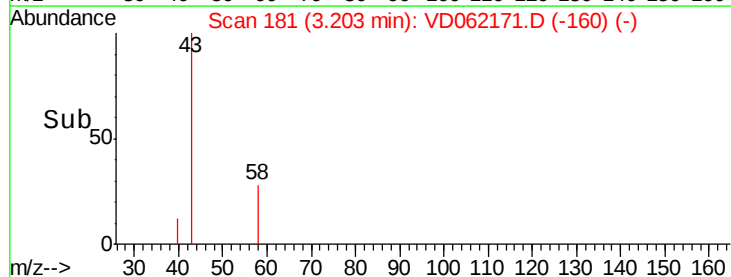
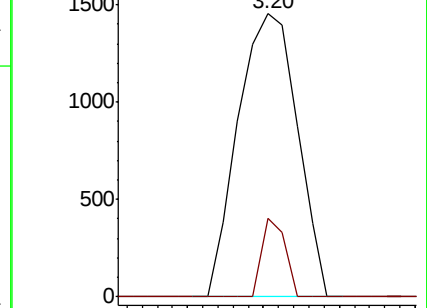
43 100

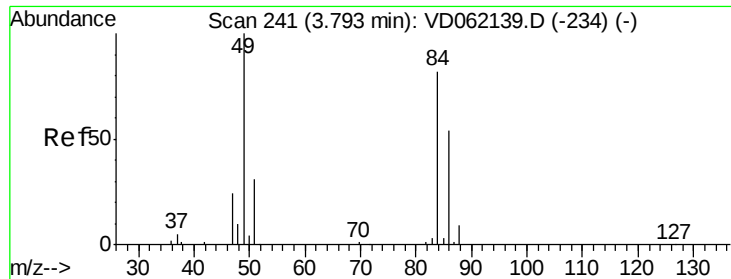
58 27.7 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

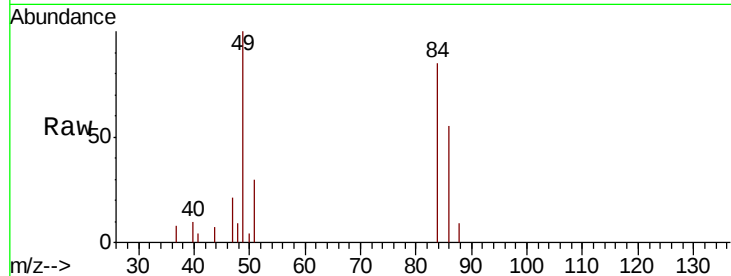




#20
Methylene Chloride
Concen: 3.354 ug/l
RT: 3.79 min Scan# 241
Delta R.T. -0.00 min
Lab File: VD062171.D
Acq: 8 May 2019 13:53

Instrument :
MSVOA_D
ClientSampleId :
SB-10-1.0-1.5

Tot Ion:	84	Resp:	15436
Ion	Ratio	Lower	Upper
84	100		
49	117.6	94.0	141.0
51	35.8	29.0	43.4
86	65.1	49.8	74.6



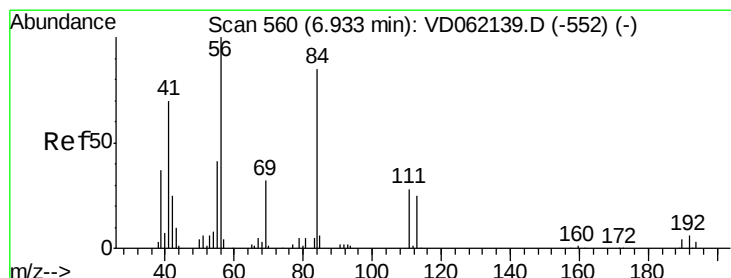
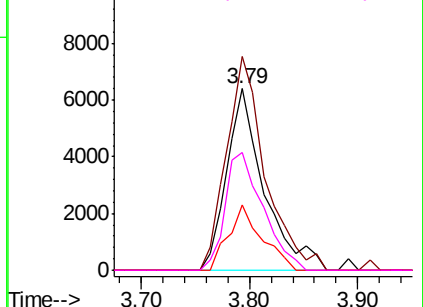
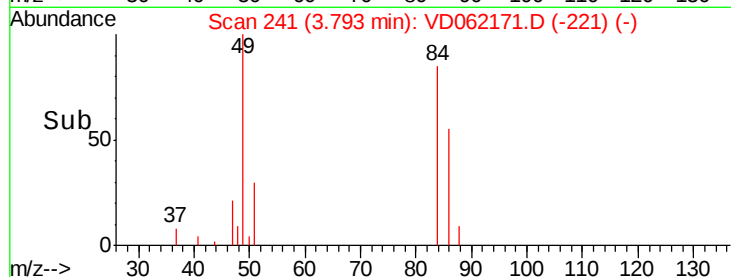
Abundance

Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

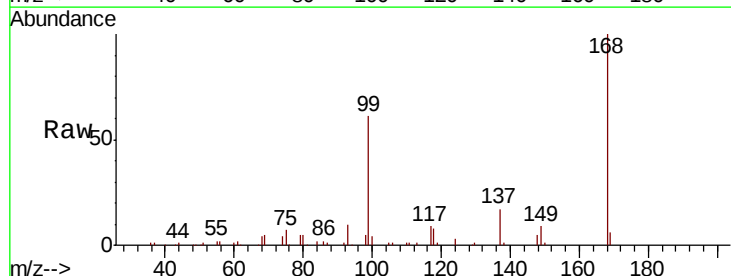
Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#31
Cyclohexane
Concen: 1.784 ug/l
RT: 7.02 min Scan# 569
Delta R.T. 0.09 min
Lab File: VD062171.D
Acq: 8 May 2019 13:53

Tgt Ion:	56	Resp:	9838
Ion	Ratio	Lower	Upper
56	100		
69	275.1	25.8	38.6#
84	131.6	72.2	108.4#

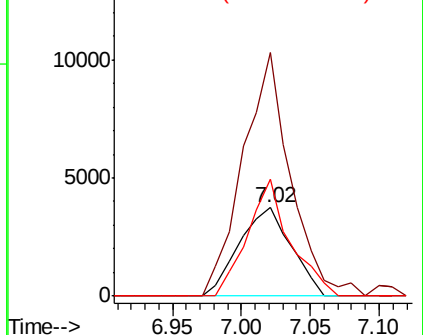
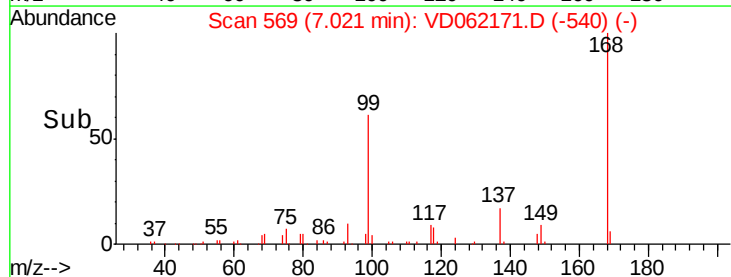


Abundance

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: 53.395 ug/l

RT: 7.42 min Scan# 610

Delta R.T. -0.00 min

Lab File: VD062171.D

Acq: 8 May 2019 13:53

Instrument :

MSVOA_D

ClientSampleId :

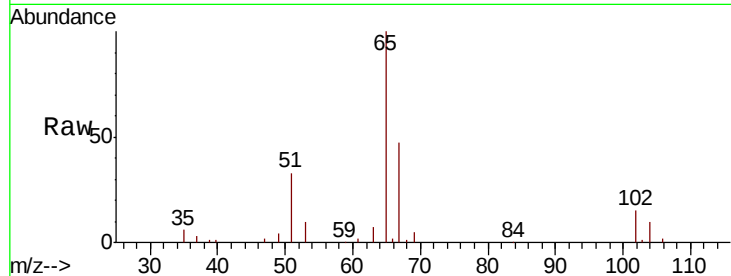
SB-10-1.0-1.5

Tot Ion: 65 Resp: 280671

Ion Ratio Lower Upper

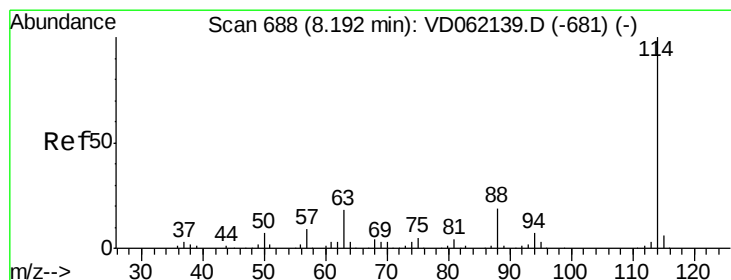
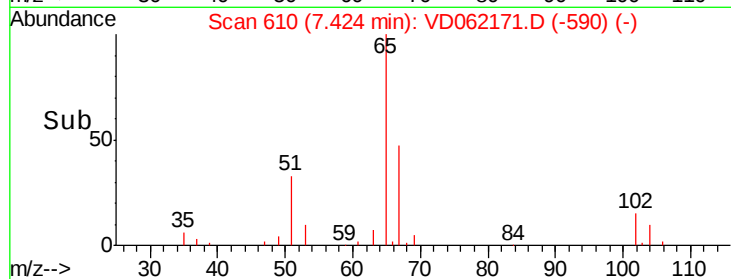
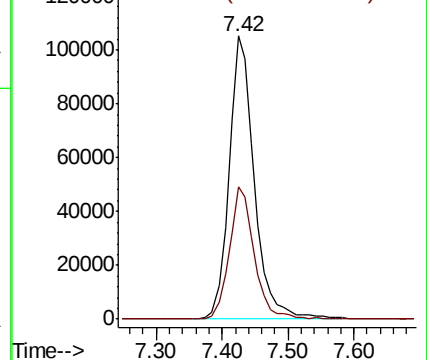
65 100

67 46.5 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: 8.20 min Scan# 689

Delta R.T. 0.01 min

Lab File: VD062171.D

Acq: 8 May 2019 13:53

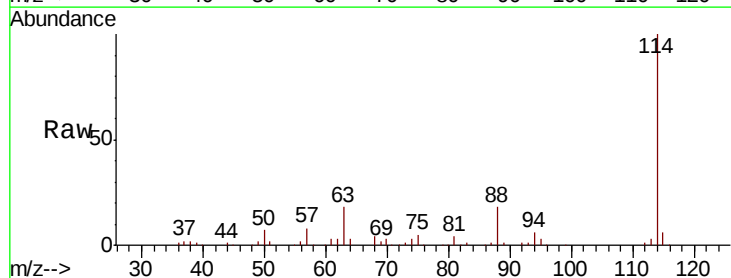
Tgt Ion: 114 Resp: 745225

Ion Ratio Lower Upper

114 100

63 17.5 0.0 32.4

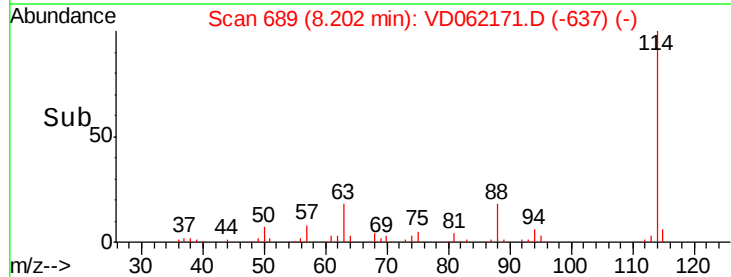
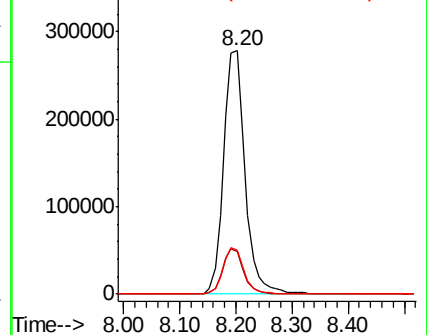
88 17.8 0.0 33.6



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





#35

Dibromofluoromethane

Concen: 56.250 ug/l

RT: 6.90 min Scan# 557

Delta R.T. 0.01 min

Lab File: VD062171.D

Acq: 8 May 2019 13:53

Instrument :

MSVOA_D

ClientSampleId :

SB-10-1.0-1.5

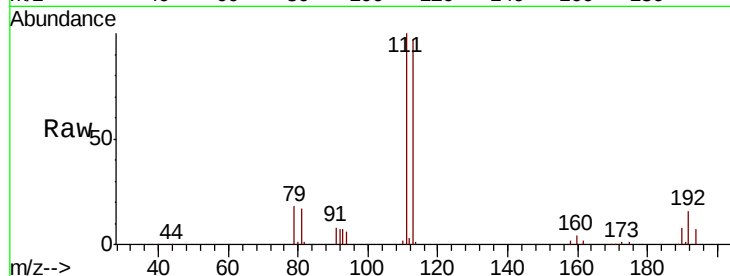
Tot Ion:113 Resp: 347804

Ion Ratio Lower Upper

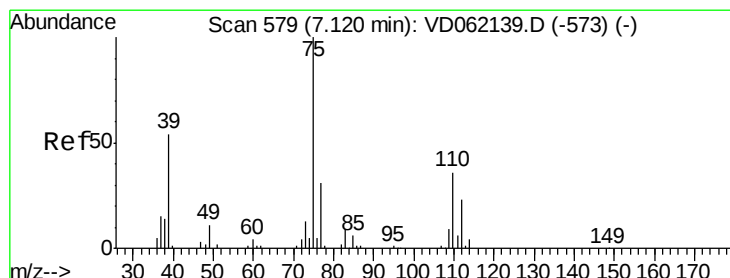
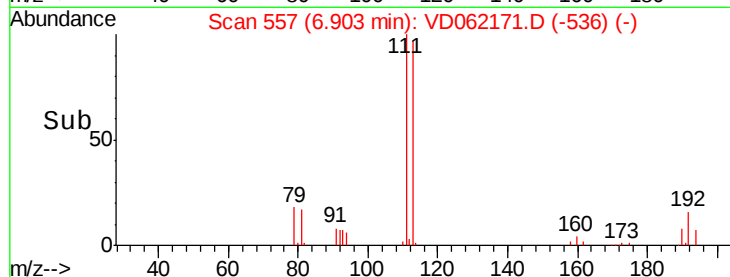
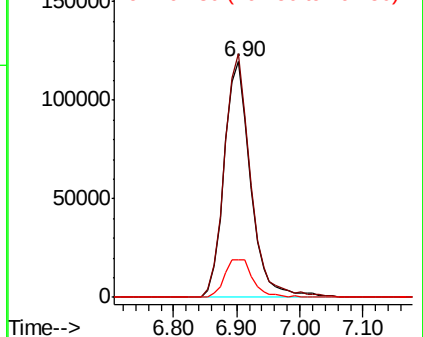
113 100

111 103.3 78.5 117.7

192 16.2 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: 6.753 ug/l

RT: 7.02 min Scan# 569

Delta R.T. -0.10 min

Lab File: VD062171.D

Acq: 8 May 2019 13:53

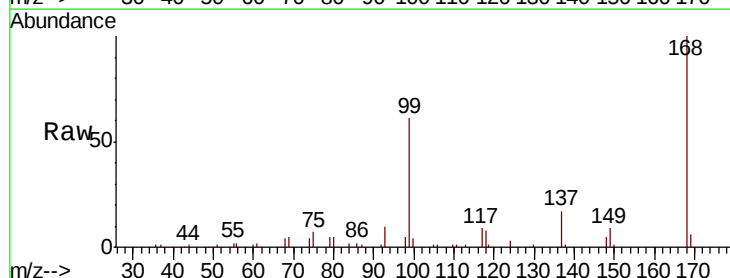
Tgt Ion: 75 Resp: 41261

Ion Ratio Lower Upper

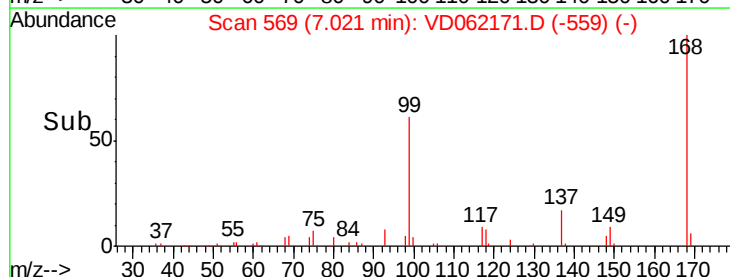
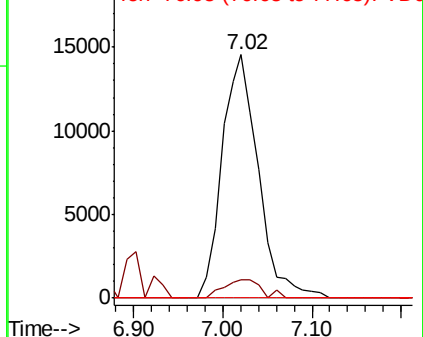
75 100

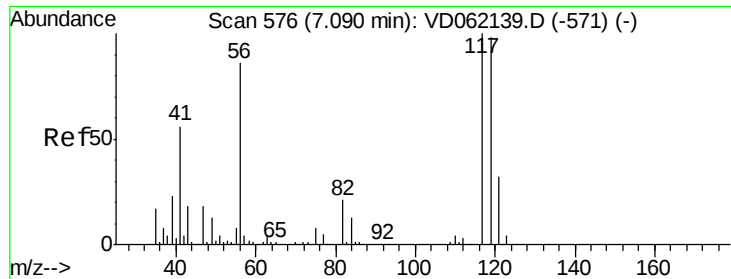
110 7.4 19.1 57.1#

77 0.0 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 109.90 (109.60 to 110.60): V
Ion 76.95 (76.65 to 77.65): VDC

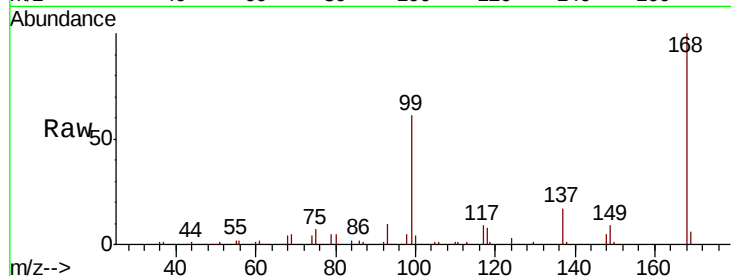




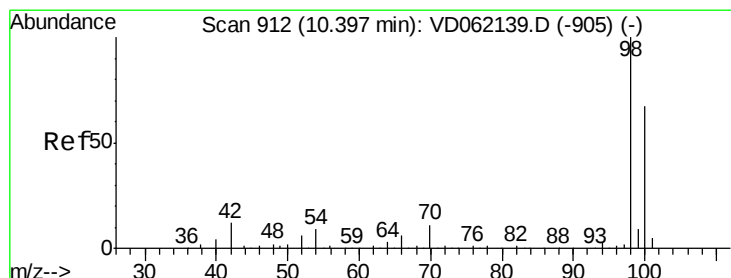
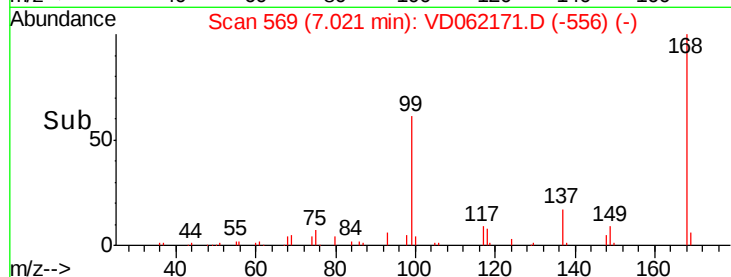
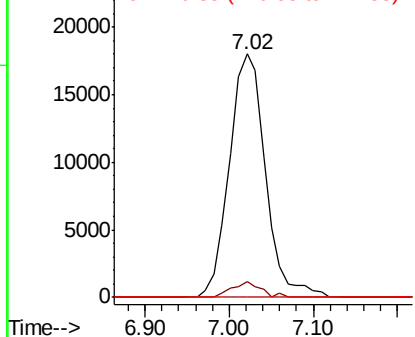
#38
Carbon Tetrachloride
Concen: 6.327 ug/l
RT: 7.02 min Scan# 569
Delta R.T. -0.07 min
Lab File: VD062171.D
Acq: 8 May 2019 13:53

Instrument :
MSVOA_D
ClientSampleId :
SB-10-1.0-1.5

Tot Ion:117 Resp: 53511
Ion Ratio Lower Upper
117 100
119 6.3 75.8 113.8#
121 0.0 25.9 38.9#

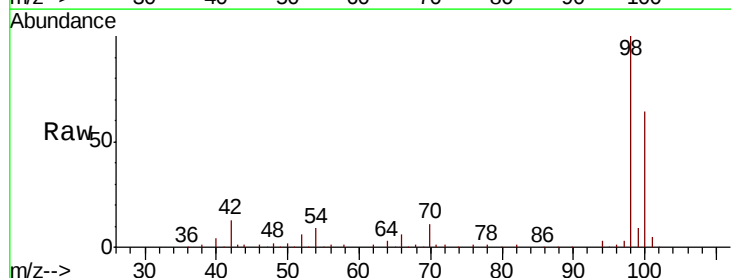


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

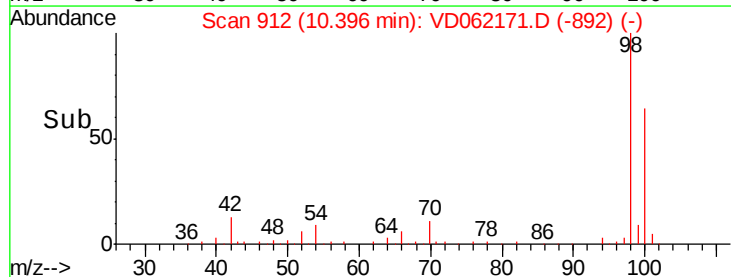
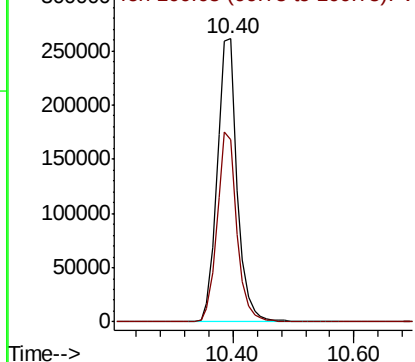


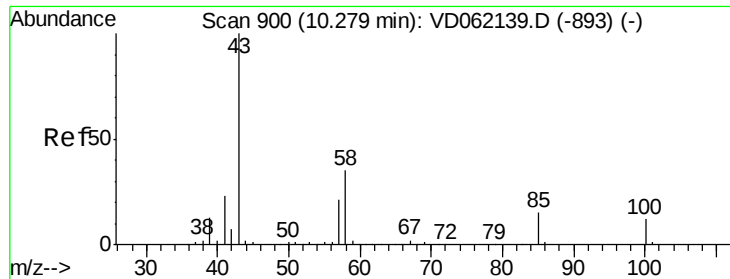
#50
Toluene-d8
Concen: 39.915 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.00 min
Lab File: VD062171.D
Acq: 8 May 2019 13:53

Tgt Ion: 98 Resp: 595058
Ion Ratio Lower Upper
98 100
100 64.3 53.8 80.8



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





#51

4-Methyl-2-Pentanone

Concen: 1.516 ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.12 min

Lab File: VD062171.D

Acq: 8 May 2019 13:53

Instrument :

MSVOA_D

ClientSampleId :

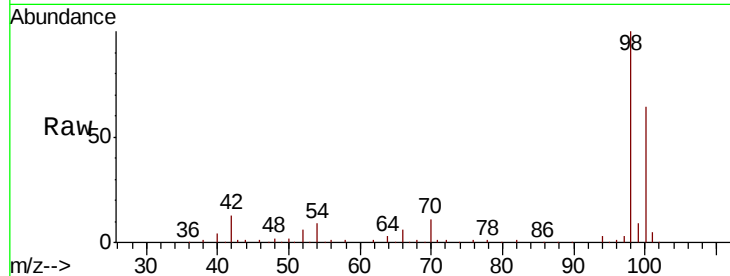
SB-10-1.0-1.5

Tot Ion: 43 Resp: 3581

Ion Ratio Lower Upper

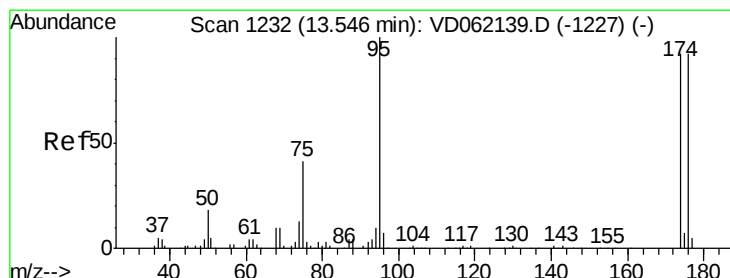
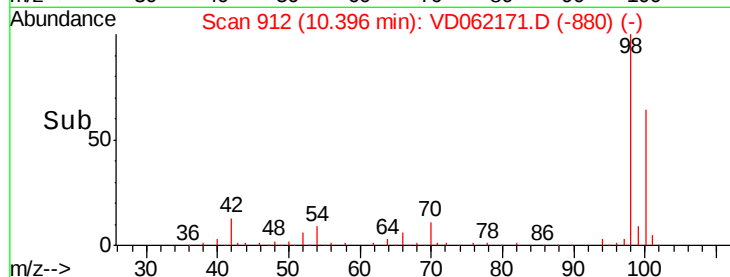
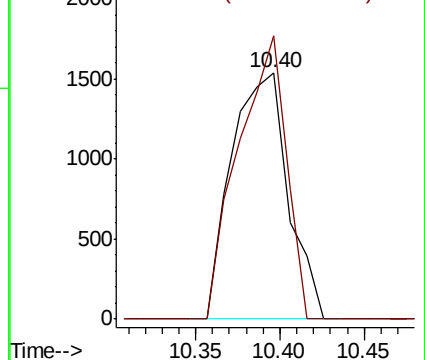
43 100

58 114.9 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: 31.868 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD062171.D

Acq: 8 May 2019 13:53

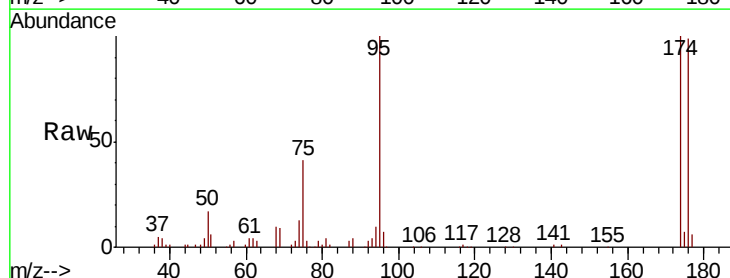
Tgt Ion: 95 Resp: 190778

Ion Ratio Lower Upper

95 100

174 100.3 0.0 181.8

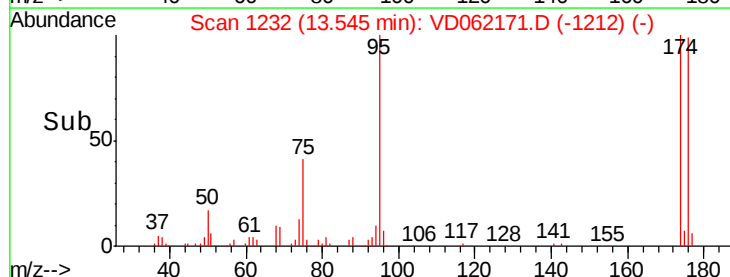
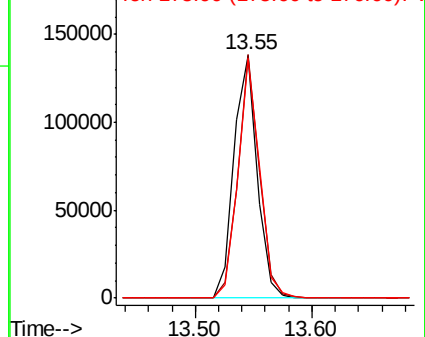
176 98.9 0.0 174.4

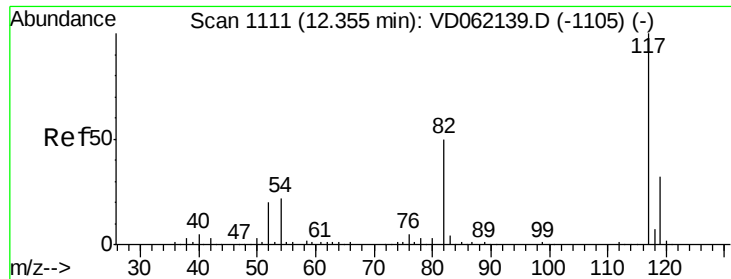


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

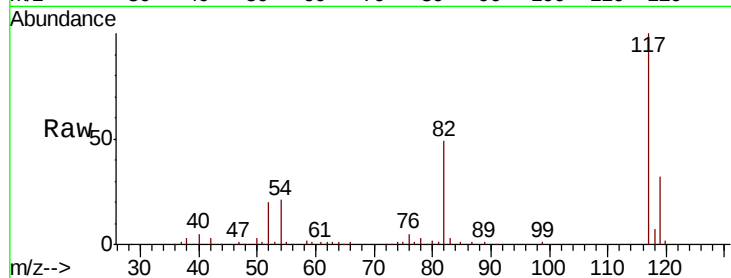




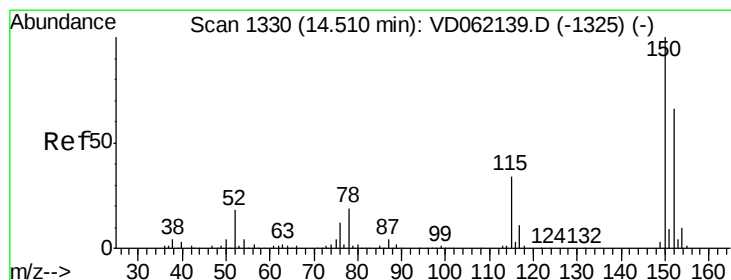
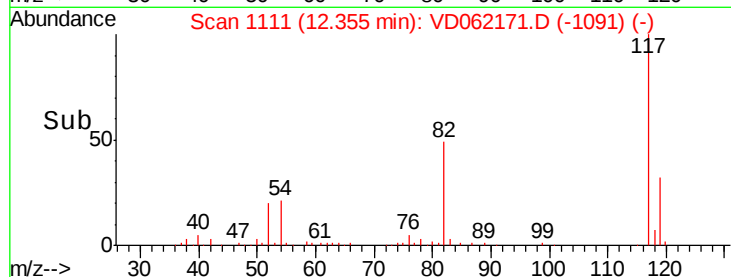
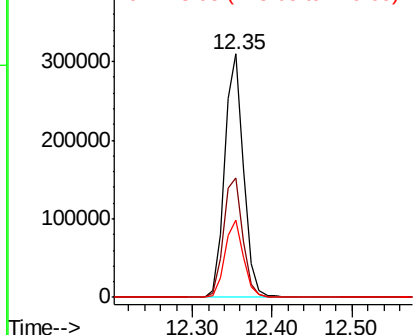
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD062171.D
Acq: 8 May 2019 13:53

Instrument :
MSVOA_D
ClientSampleId :
SB-10-1.0-1.5

Tot Ion:117 Resp: 516897
Ion Ratio Lower Upper
117 100
82 49.0 36.2 54.2
119 31.6 26.2 39.4

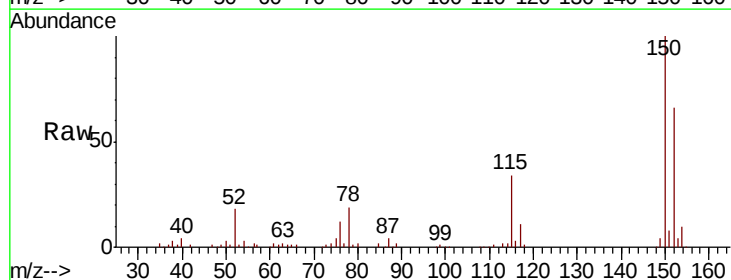


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

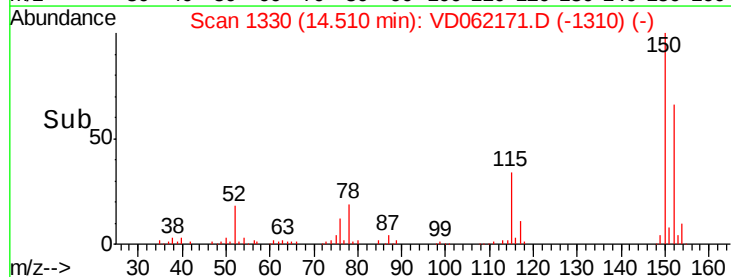
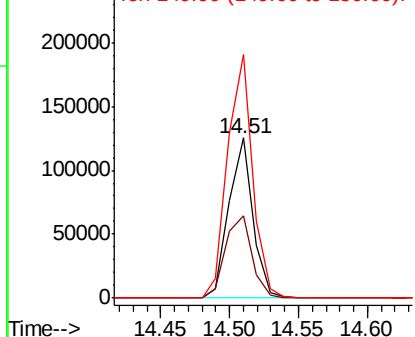


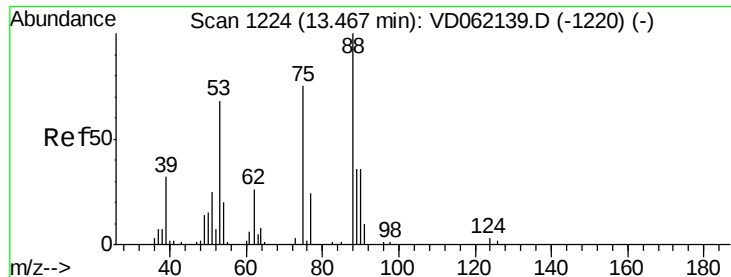
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD062171.D
Acq: 8 May 2019 13:53

Tgt Ion:152 Resp: 152246
Ion Ratio Lower Upper
152 100
115 51.8 30.9 92.7
150 152.0 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





#81

trans-1,4-Dichloro-2-butene

Concen: 154.896 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD062171.D

Acq: 8 May 2019 13:53

Instrument :

MSVOA_D

ClientSampleId :

SB-10-1.0-1.5

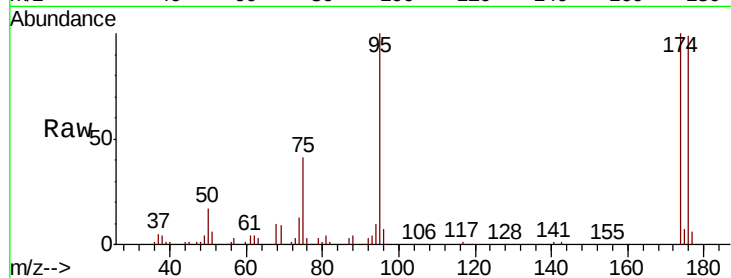
Tot Ion: 75 Resp: 79118

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

