

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050719\
 Data File : VD062152.D
 Acq On : 8 May 2019 1:26
 Operator : FY/SY
 Sample : K2673-09
 Misc : 5.01g/5mL/MSVOA D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-15-1.0-1.5

Quant Time: May 08 04:33:58 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	7.03	168	164751	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	295430	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	250429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	117678	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.43	65	124032	81.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	162.02%	
35) Dibromofluoromethane	6.90	113	115515	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.26%	
50) Toluene-d8	10.39	98	213467	36.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.24%	
62) 4-Bromofluorobenzene	13.54	95	102210	43.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.14%	

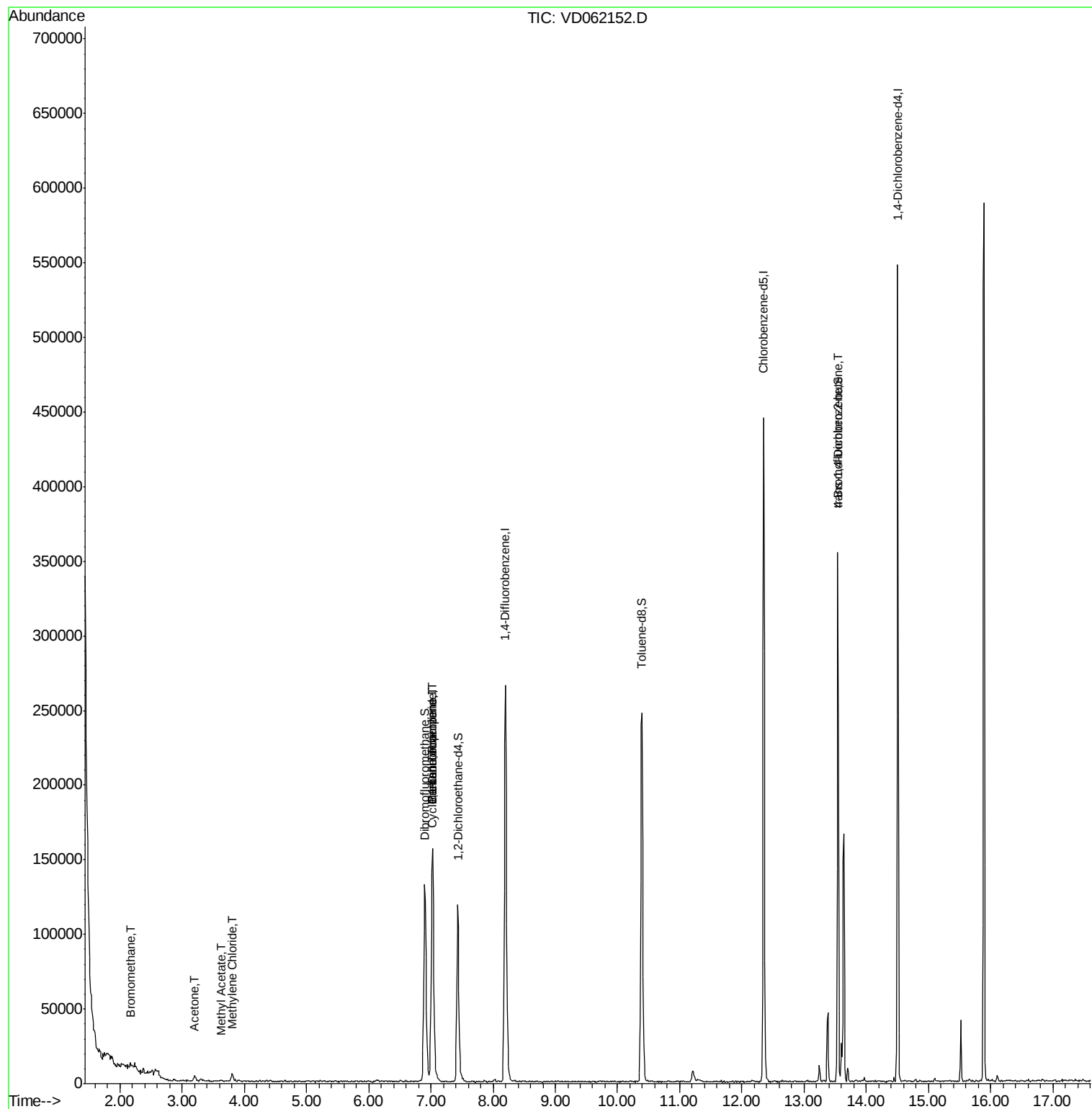
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.16	94	3065	11.690	ug/l #	12
16) Acetone	3.21	43	6629	20.646	ug/l #	50
18) Methyl Acetate	3.62	43	1247	1.879	ug/l #	53
20) Methylene Chloride	3.80	84	3182	2.374	ug/l #	88
31) Cyclohexane	7.01	56	2216	1.379	ug/l #	3
36) 1,1-Dichloropropene	7.02	75	10460	4.318	ug/l #	49
38) Carbon Tetrachloride	7.03	117	15382	4.588	ug/l #	18
81) trans-1,4-Dichloro-2-buten	13.54	75	41742	105.728	ug/l #	16

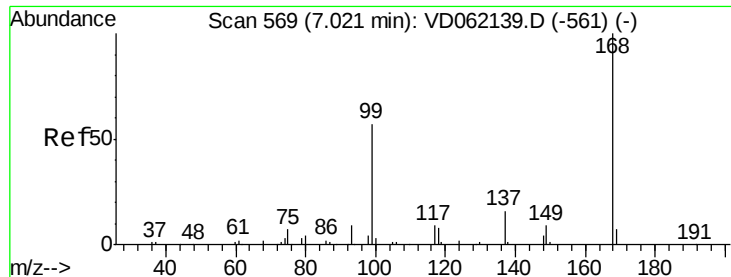
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD050719\
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SB-15-1.0-1.5

Quant Time: May 08 04:33:58 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: 7.03 min Scan# 569

Delta R.T. 0.01 min

Lab File: VD062152.D

Acq: 8 May 2019 1:26

Instrument :

MSVOA_D

ClientSampleId :

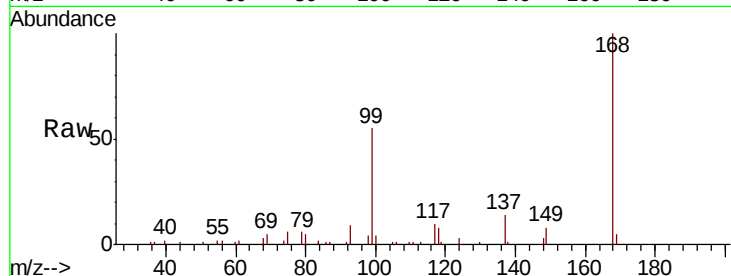
SB-15-1.0-1.5

Tot Ion:168 Resp: 164751

Ion Ratio Lower Upper

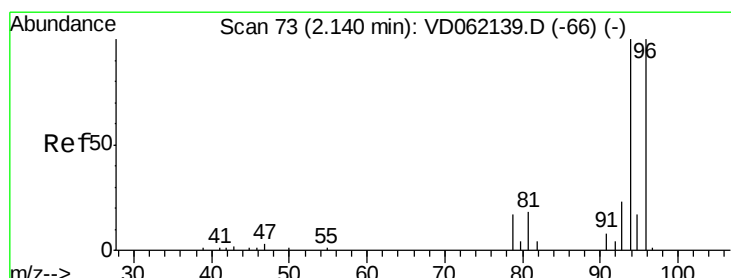
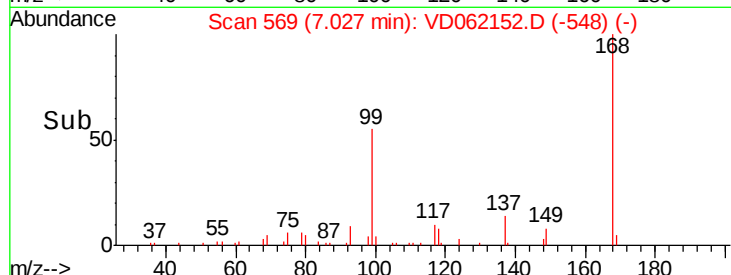
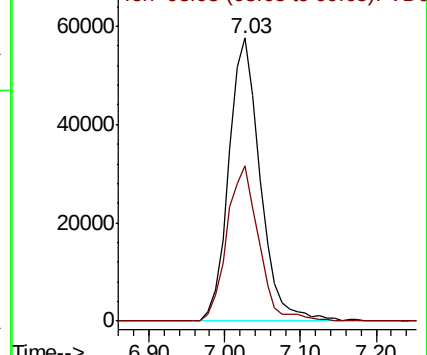
168 100

99 55.0 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: 11.690 ug/l

RT: 2.16 min Scan# 74

Delta R.T. 0.02 min

Lab File: VD062152.D

Acq: 8 May 2019 1:26

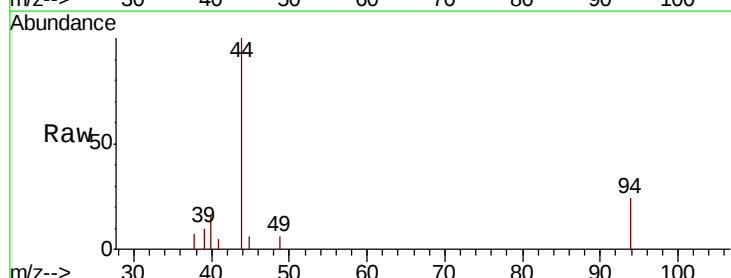
Tgt Ion: 94 Resp: 3065

Ion Ratio Lower Upper

94 100

96 0.0 76.6 115.0#

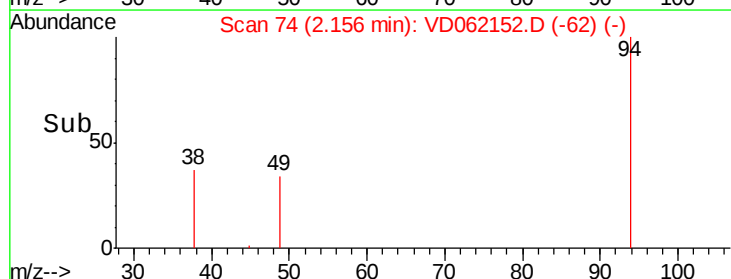
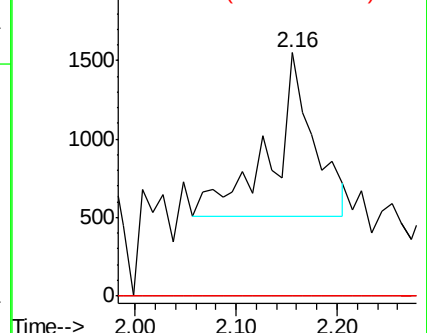
93 0.0 18.5 27.7#



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





#16

Acetone

Concen: 20.646 ug/l

RT: 3.21 min Scan# 181

Delta R.T. 0.02 min

Lab File: VD062152.D

Acq: 8 May 2019 1:26

Instrument :

MSVOA_D

ClientSampleId :

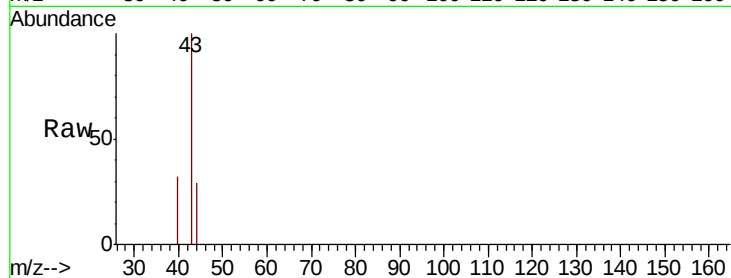
SB-15-1.0-1.5

Tot Ion: 43 Resp: 6629

Ion Ratio Lower Upper

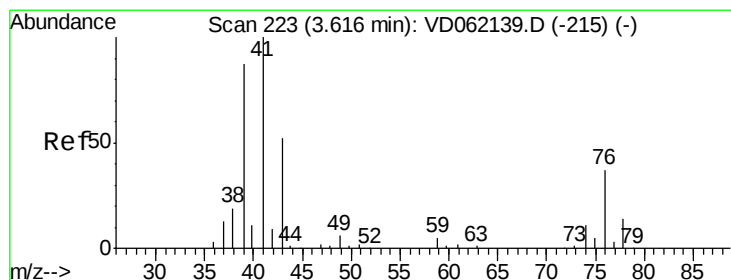
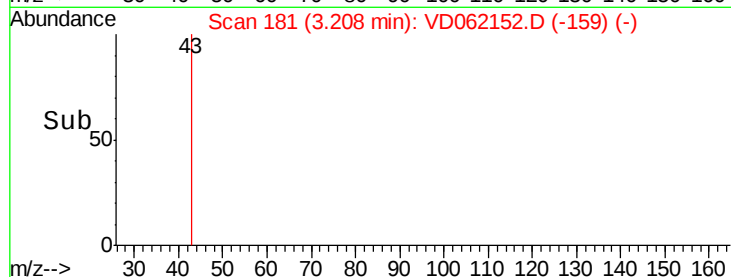
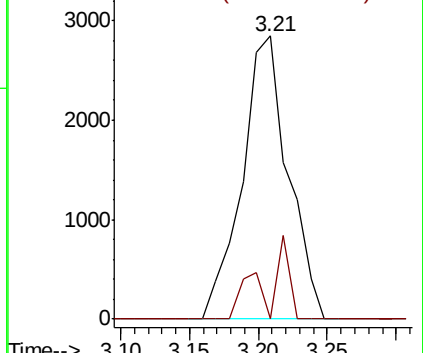
43 100

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



#18

Methyl Acetate

Concen: 1.879 ug/l

RT: 3.62 min Scan# 223

Delta R.T. 0.01 min

Lab File: VD062152.D

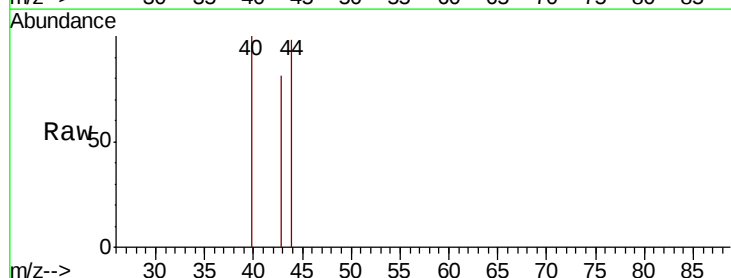
Acq: 8 May 2019 1:26

Tgt Ion: 43 Resp: 1247

Ion Ratio Lower Upper

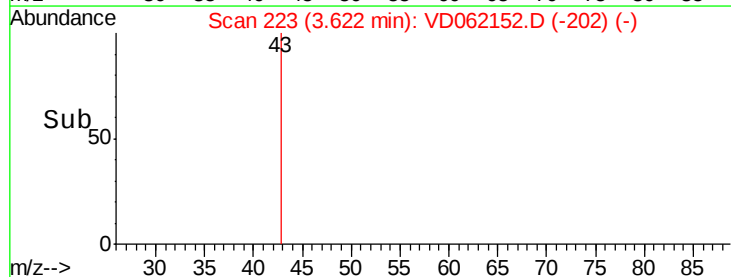
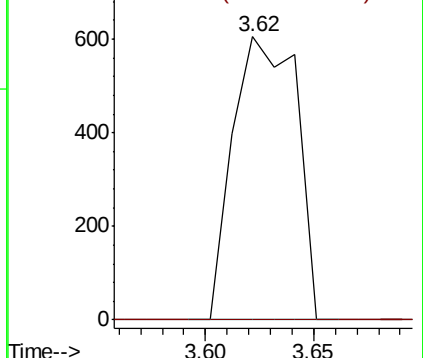
43 100

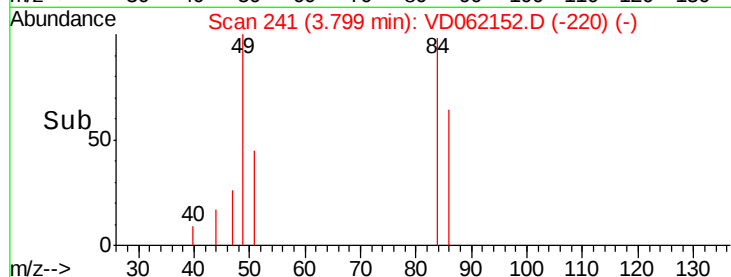
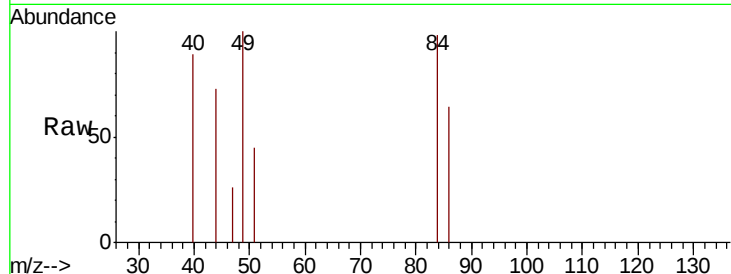
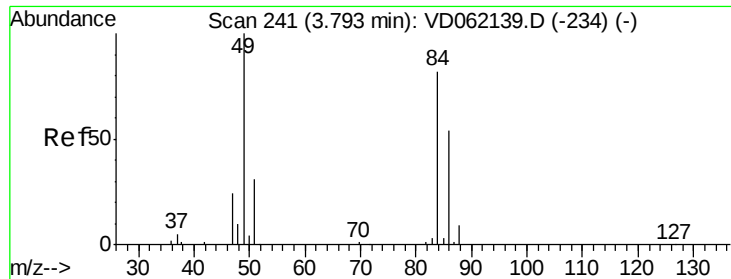
74 0.0 18.0 27.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

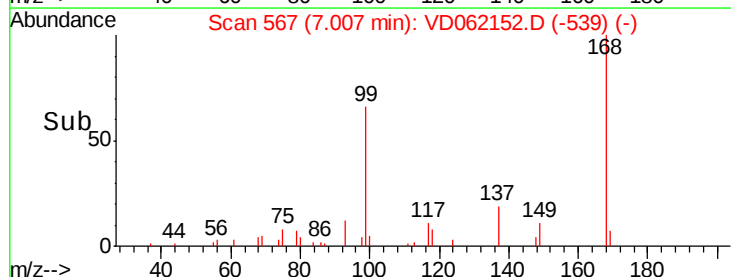
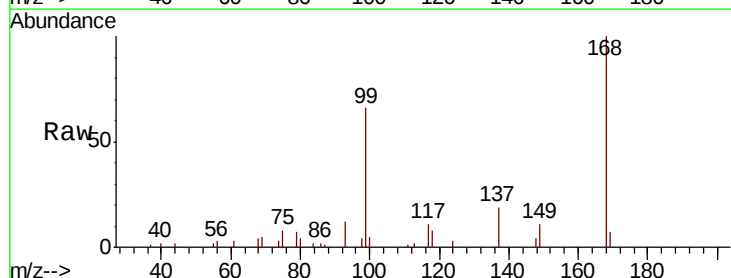
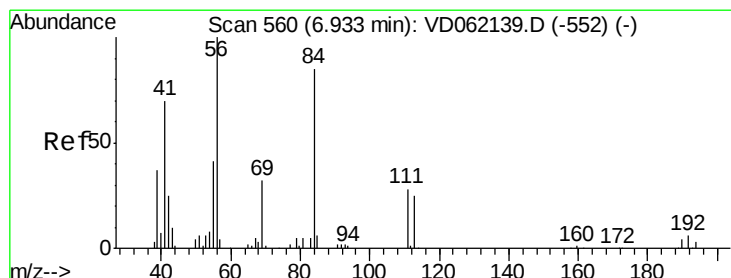
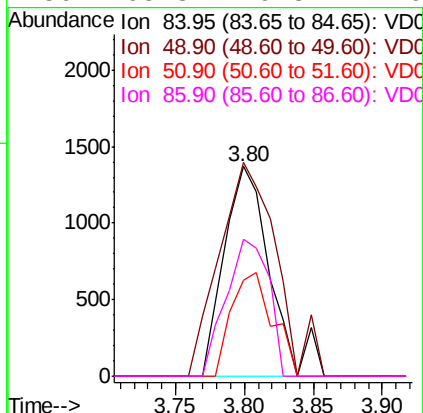




#20
Methylene Chloride
Concen: 2.374 ug/l
RT: 3.80 min Scan# 241
Delta R.T. 0.01 min
Lab File: VD062152.D
Acq: 8 May 2019 1:26

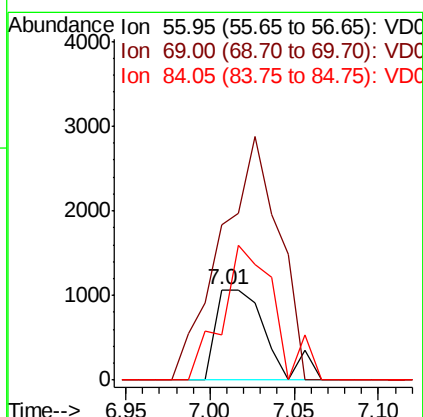
Instrument :
MSVOA_D
ClientSampleId :
SB-15-1.0-1.5

Tot Ion: 84 Resp: 3182
Ion Ratio Lower Upper
84 100
49 101.8 94.0 141.0
51 45.7 29.0 43.4#
86 65.3 49.8 74.6



#31
Cyclohexane
Concen: 1.379 ug/l
RT: 7.01 min Scan# 567
Delta R.T. 0.07 min
Lab File: VD062152.D
Acq: 8 May 2019 1:26

Tgt Ion: 56 Resp: 2216
Ion Ratio Lower Upper
56 100
69 173.0 25.8 38.6#
84 50.5 72.2 108.4#





#33

1,2-Dichloroethane-d4

Concen: 81.011 ug/l

RT: 7.43 min Scan# 610

Delta R.T. 0.01 min

Lab File: VD062152.D

Acq: 8 May 2019 1:26

Instrument :

MSVOA_D

ClientSampleId :

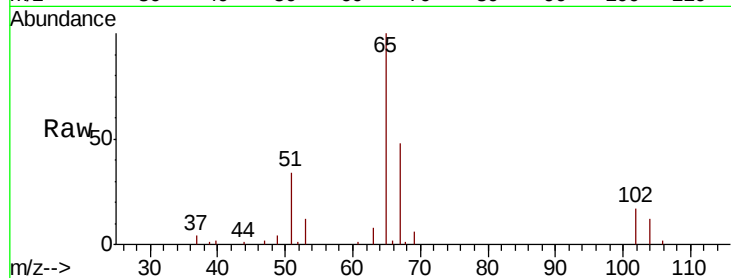
SB-15-1.0-1.5

Tot Ion: 65 Resp: 124032

Ion Ratio Lower Upper

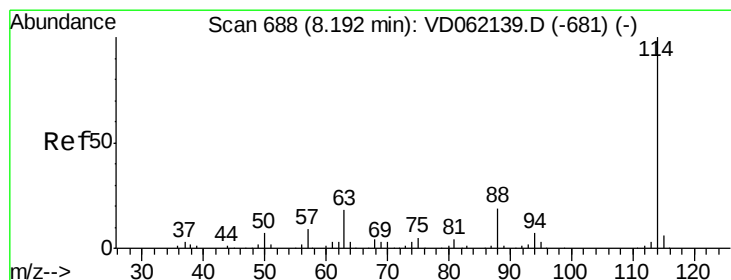
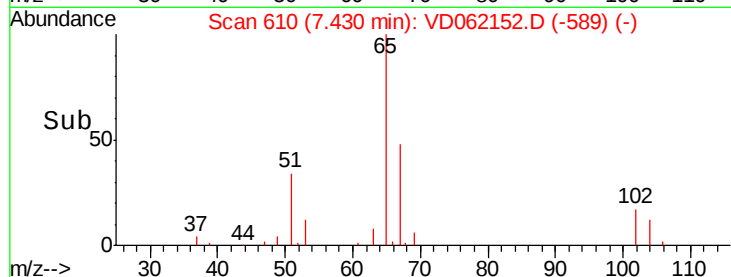
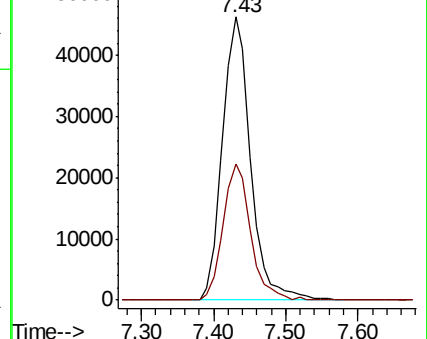
65 100

67 48.1 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# 688

Delta R.T. 0.01 min

Lab File: VD062152.D

Acq: 8 May 2019 1:26

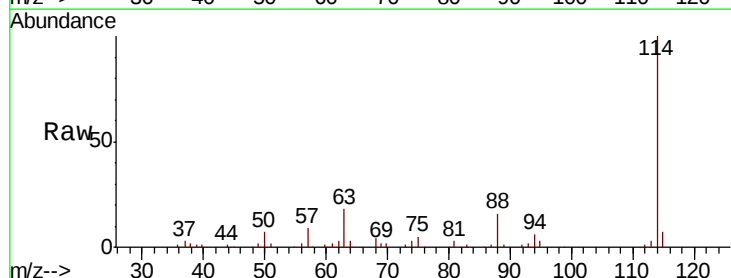
Tgt Ion: 114 Resp: 295430

Ion Ratio Lower Upper

114 100

63 17.7 0.0 32.4

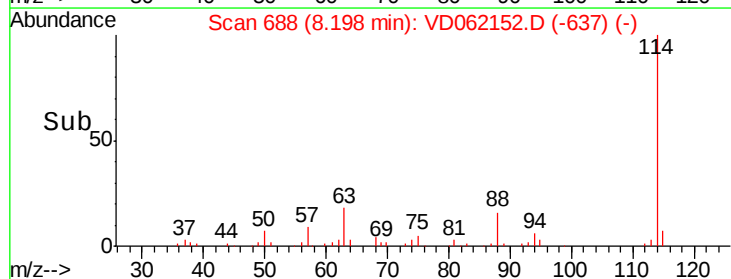
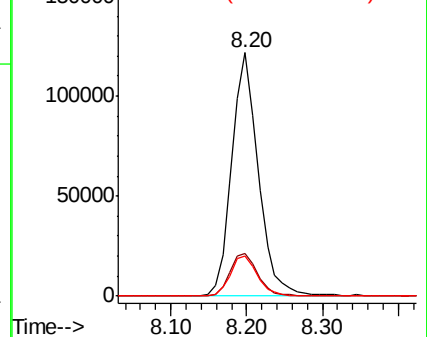
88 16.5 0.0 33.6



Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 47.126 ug/l

RT: 6.90 min Scan# 556

Delta R.T. 0.01 min

Lab File: VD062152.D

Acq: 8 May 2019 1:26

Instrument :

MSVOA_D

ClientSampleId :

SB-15-1.0-1.5

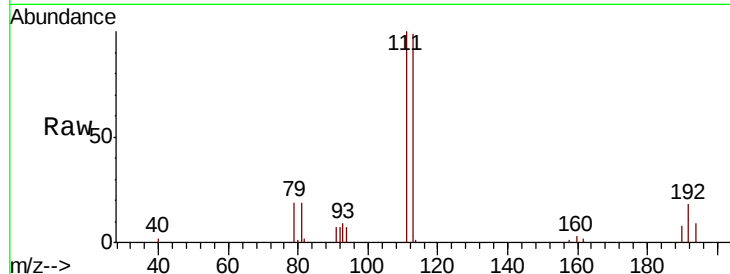
Tot Ion:113 Resp: 115515

Ion Ratio Lower Upper

113 100

111 101.4 78.5 117.7

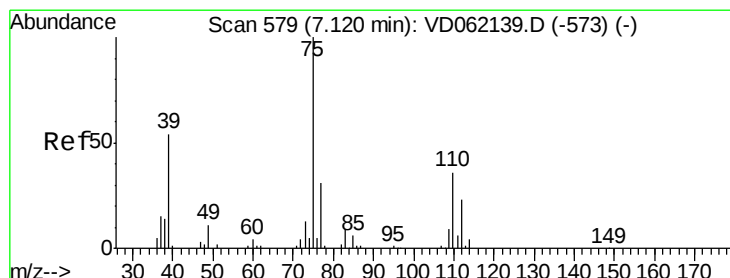
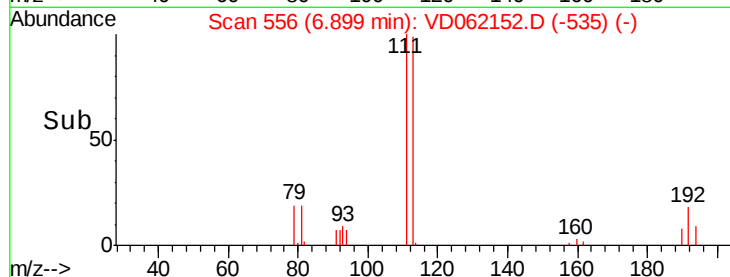
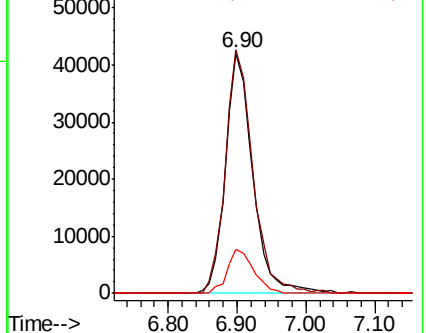
192 18.1 13.0 19.4



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: 4.318 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.10 min

Lab File: VD062152.D

Acq: 8 May 2019 1:26

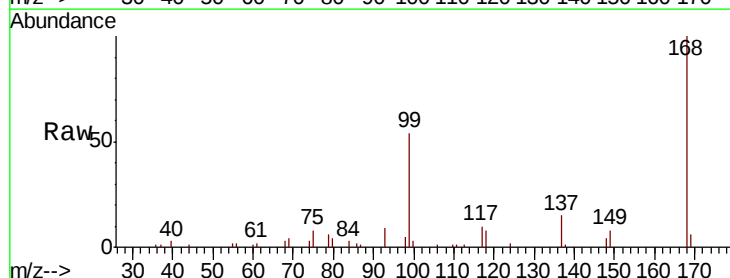
Tgt Ion: 75 Resp: 10460

Ion Ratio Lower Upper

75 100

110 10.5 19.1 57.1#

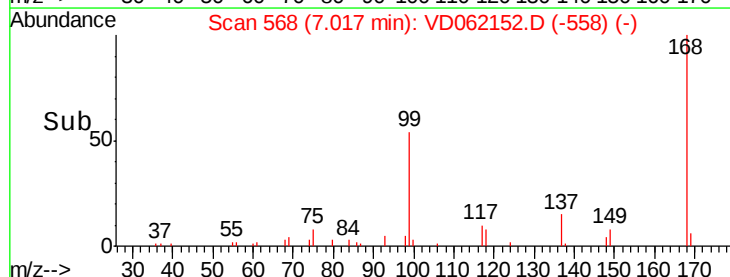
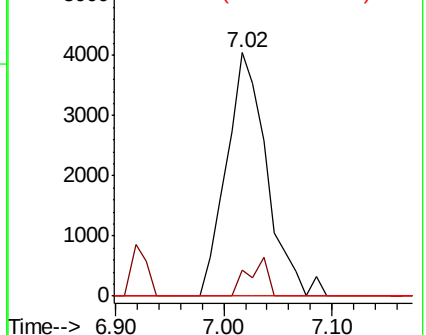
77 0.0 25.6 38.4#

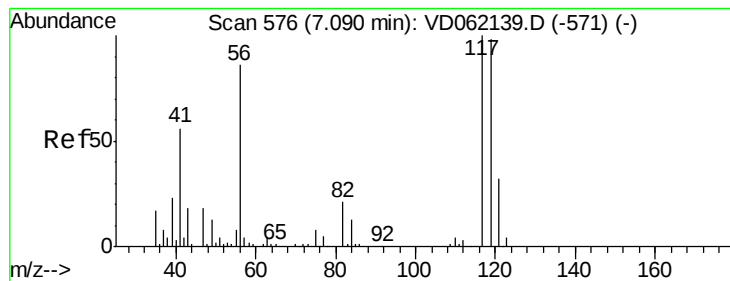


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V





#38

Carbon Tetrachloride

Concen: 4.588 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.06 min

Lab File: VD062152.D

Acq: 8 May 2019 1:26

Instrument :

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ClientSampleId :

SB-15-1.0-1.5

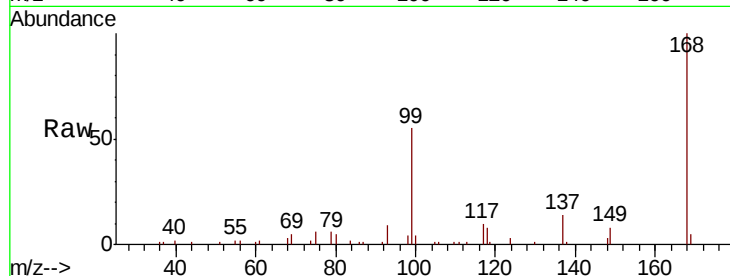
Tot Ion:117 Resp: 15382

Ion Ratio Lower Upper

117 100

119 6.6 75.8 113.8#

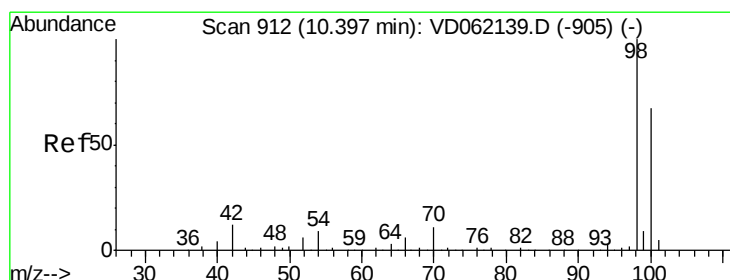
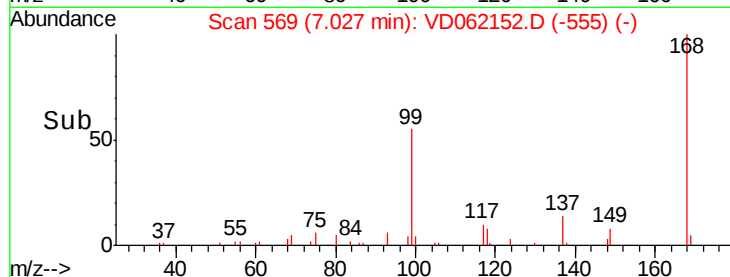
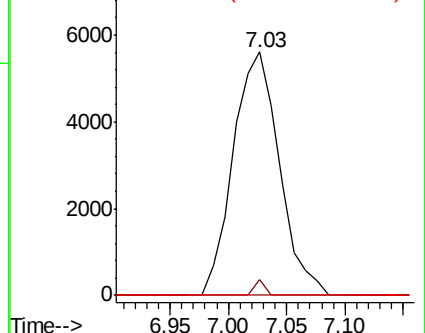
121 0.0 25.9 38.9#



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: 36.119 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.00 min

Lab File: VD062152.D

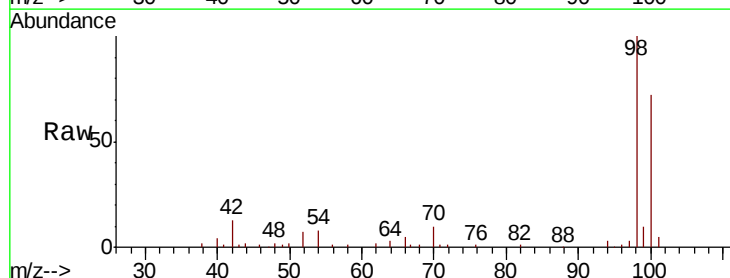
Acq: 8 May 2019 1:26

Tgt Ion: 98 Resp: 213467

Ion Ratio Lower Upper

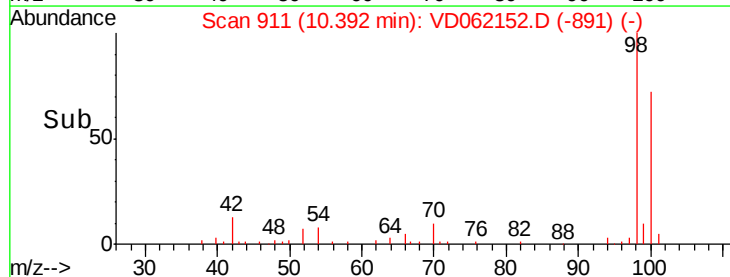
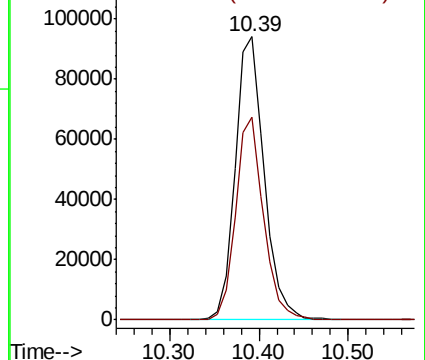
98 100

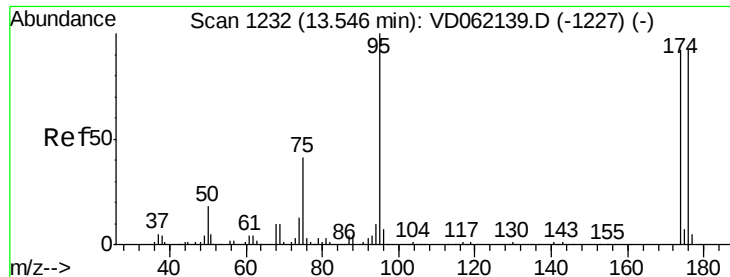
100 71.7 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 43.067 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VD062152.D

Acq: 8 May 2019 1:26

Instrument :

MSVOA_D

ClientSampleId :

SB-15-1.0-1.5

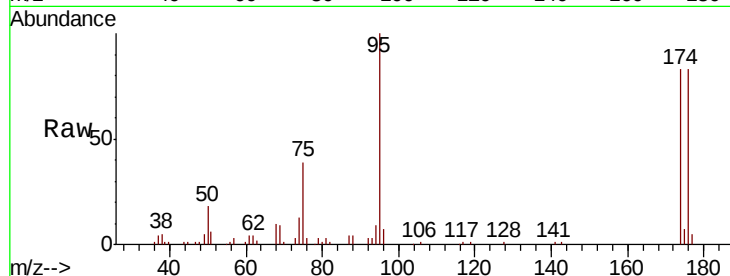
Tot Ion: 95 Resp: 102210

Ion Ratio Lower Upper

95 100

174 83.3 0.0 181.8

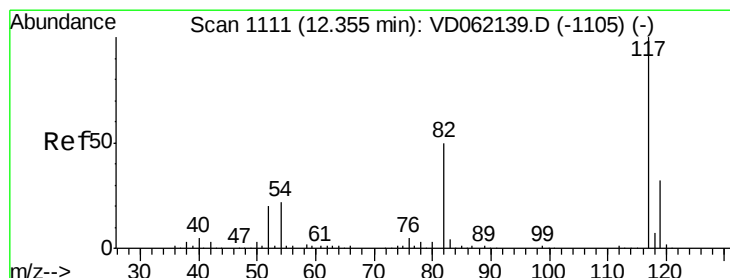
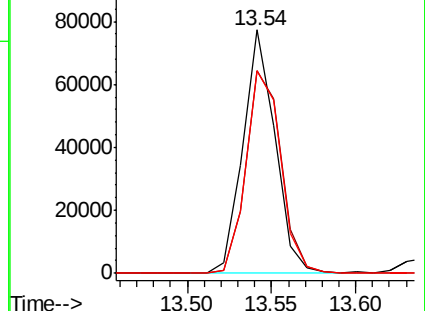
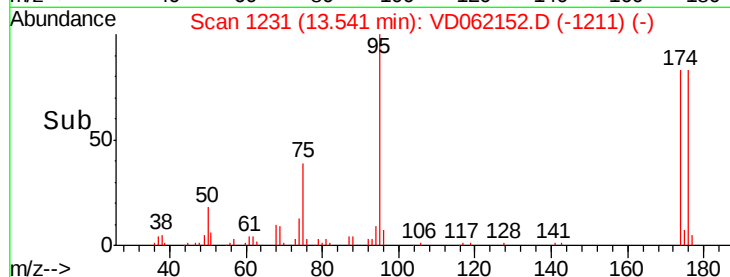
176 83.1 0.0 174.4



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: 12.35 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD062152.D

Acq: 8 May 2019 1:26

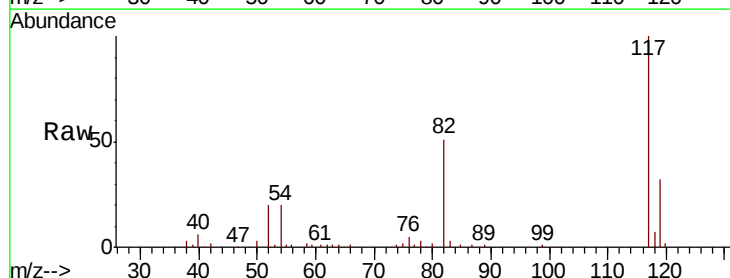
Tgt Ion: 117 Resp: 250429

Ion Ratio Lower Upper

117 100

82 50.6 36.2 54.2

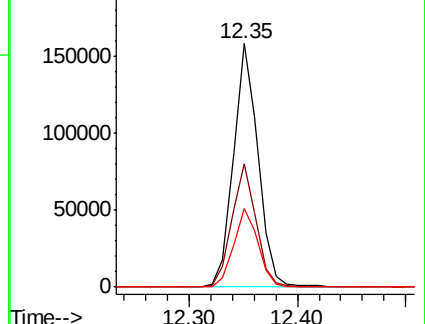
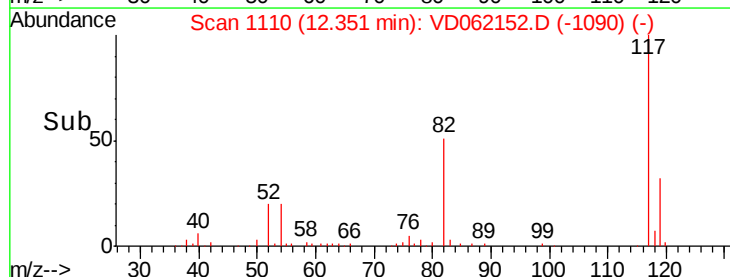
119 32.3 26.2 39.4

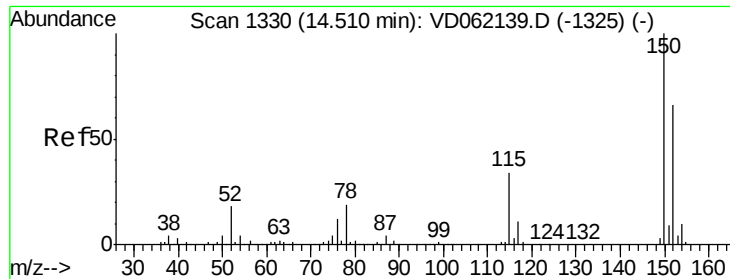


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V



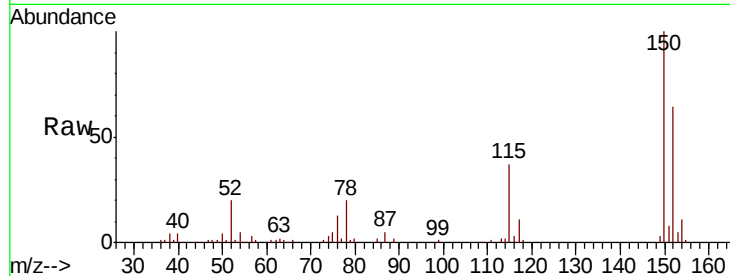


#72

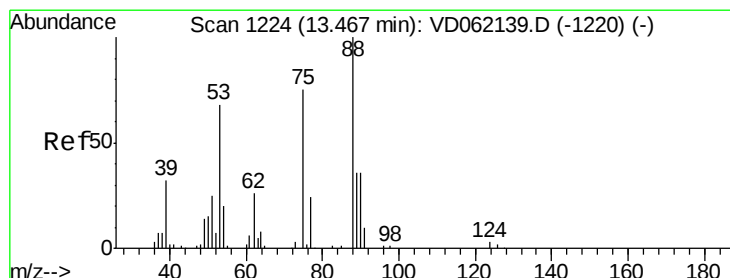
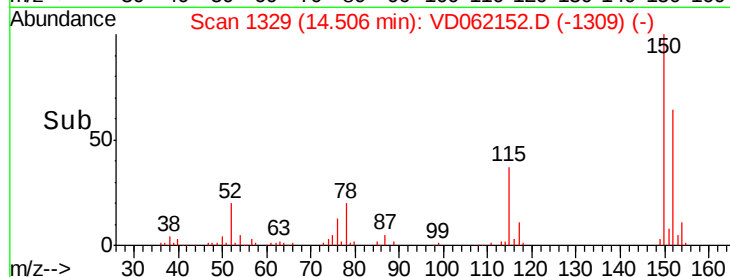
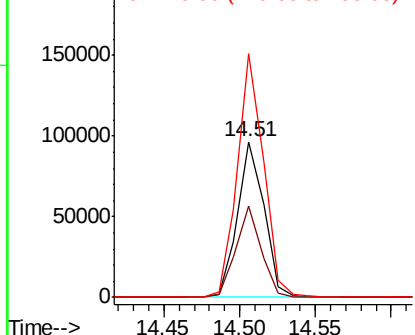
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD062152.D
Acq: 8 May 2019 1:26

Instrument :
MSVOA_D
ClientSampleId :
SB-15-1.0-1.5

Tot Ion:152 Resp: 117678
Ion Ratio Lower Upper
152 100
115 58.4 30.9 92.7
150 156.1 0.0 314.8



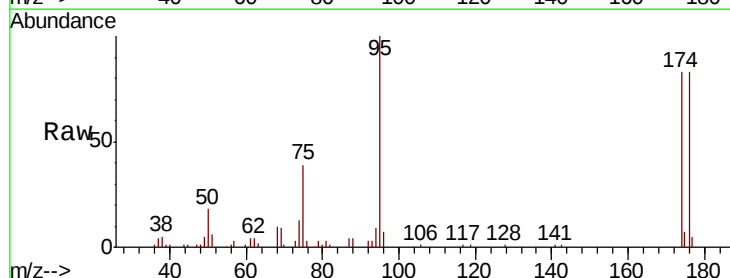
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



#81

trans-1,4-Dichloro-2-butene
Concen: 105.728 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. 0.07 min
Lab File: VD062152.D
Acq: 8 May 2019 1:26

Tgt Ion: 75 Resp: 41742
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

