

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050819\
 Data File : VD062165.D
 Acq On : 8 May 2019 10:57
 Operator : FY/SY
 Sample : VD0508SBL01
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0508SBL01

Quant Time: May 09 01:22:28 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	846332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	1202519	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	979022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	496127	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	458021	58.23	ug/l	0.00
Spiked Amount			Recovery	=	116.46%	
35) Dibromofluoromethane	6.90	113	549941	55.12	ug/l	0.00
Spiked Amount			Recovery	=	110.24%	
50) Toluene-d8	10.38	98	1252631	52.07	ug/l	-0.01
Spiked Amount			Recovery	=	104.14%	
62) 4-Bromofluorobenzene	13.54	95	548095	56.74	ug/l	0.00
Spiked Amount			Recovery	=	113.48%	

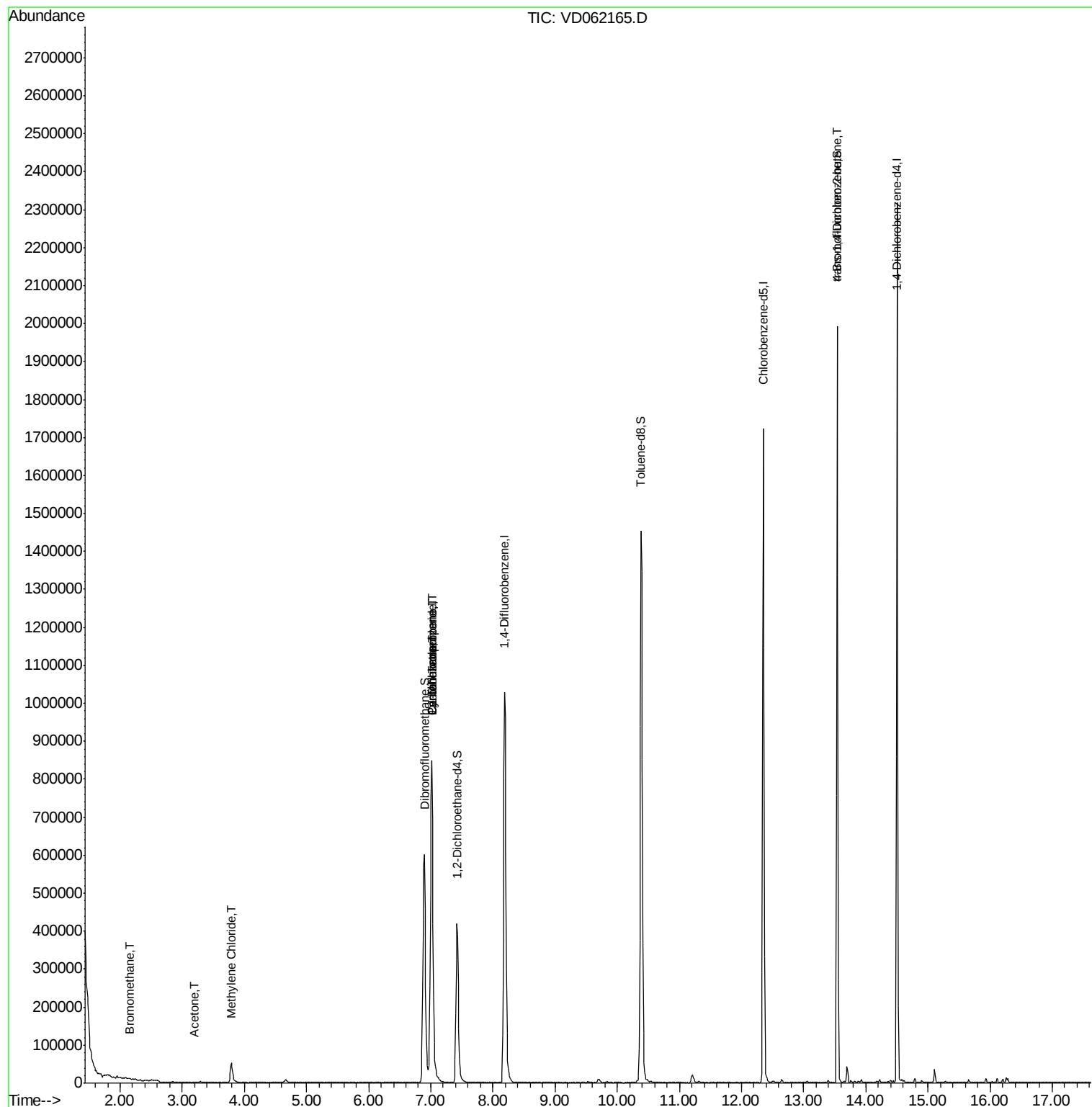
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.15	94	1818	1.350	ug/l #	43
16) Acetone	3.20	43	3255	1.973	ug/l #	50
18) Methyl Acetate	3.46	43	180	Below Cal	#	53
20) Methylene Chloride	3.79	84	35386	5.138	ug/l	98
31) Cyclohexane	7.02	56	17525	2.124	ug/l #	1
36) 1,1-Dichloropropene	7.02	75	63237	6.414	ug/l #	46
38) Carbon Tetrachloride	7.02	117	83964	6.153	ug/l #	16
81) trans-1,4-Dichloro-2-buten	13.54	75	225632	135.556	ug/l #	16

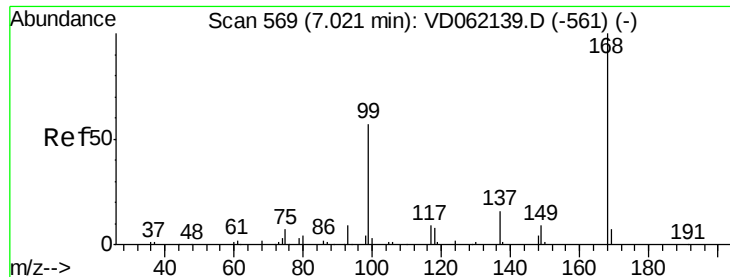
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD050819\
Data File : VD062165.D
Acq On : 8 May 2019 10:57
Operator : FY/SY
Sample : VD0508SBL01
Misc : 5.00µL/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VD0508SBL01

Quant Time: May 09 01:22:28 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: 7.02 min Scan# 568

Delta R.T. -0.01 min

Lab File: VD062165.D

Acq: 8 May 2019 10:57

Instrument :

MSVOA_D

ClientSampleId :

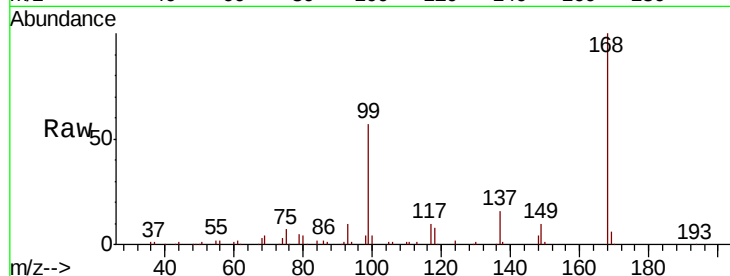
VD0508SBL01

Tot Ion:168 Resp: 846332

Ion Ratio Lower Upper

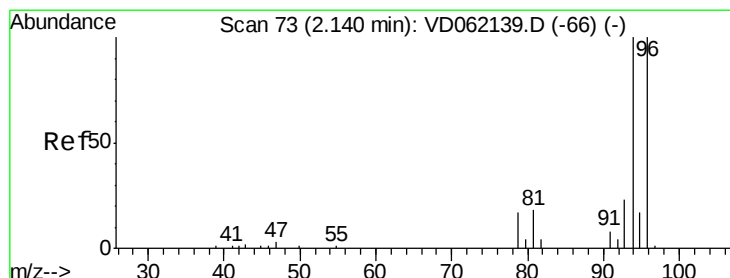
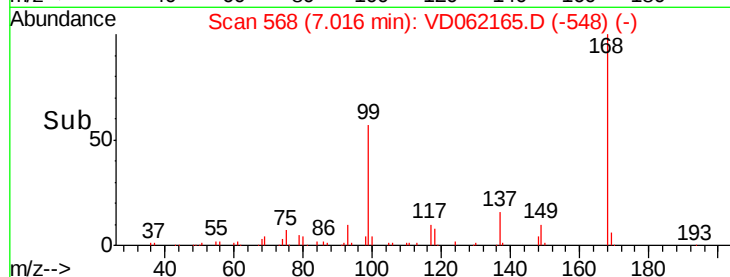
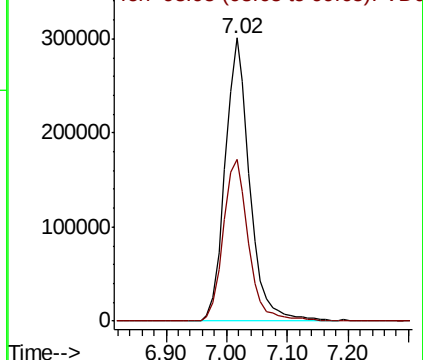
168 100

99 56.9 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: 1.350 ug/l

RT: 2.15 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD062165.D

Acq: 8 May 2019 10:57

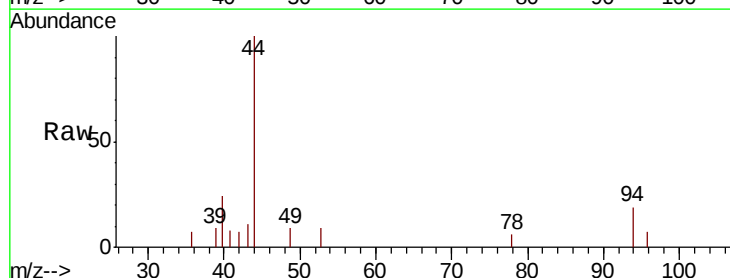
Tgt Ion: 94 Resp: 1818

Ion Ratio Lower Upper

94 100

96 37.9 76.6 115.0#

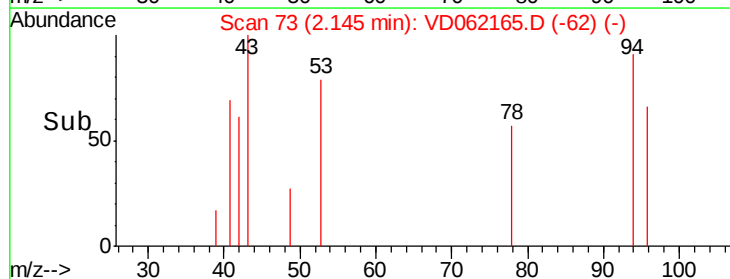
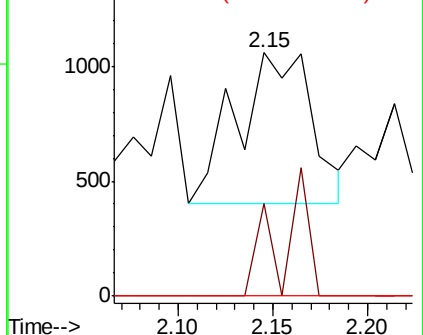
93 0.0 18.5 27.7#

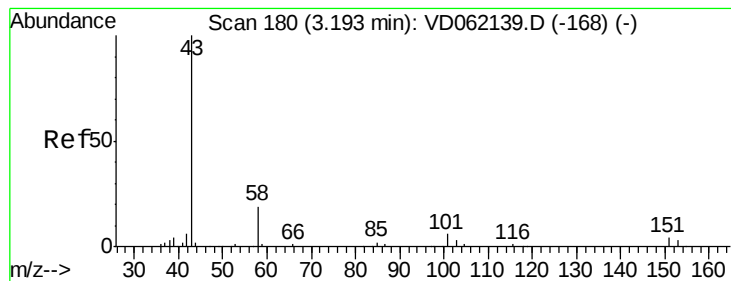


Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC





#16

Acetone

Concen: 1.973 ug/l

RT: 3.20 min Scan# 180

Delta R.T. 0.00 min

Lab File: VD062165.D

Acq: 8 May 2019 10:57

Instrument :

MSVOA_D

ClientSampleId :

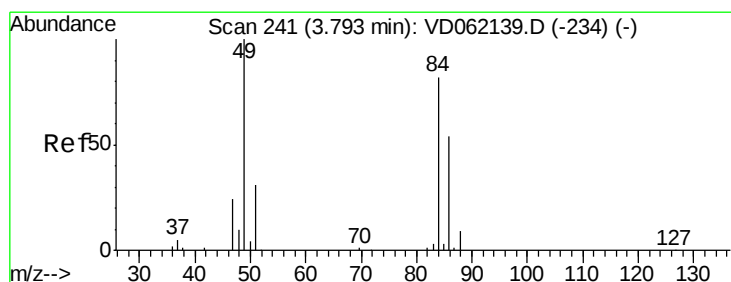
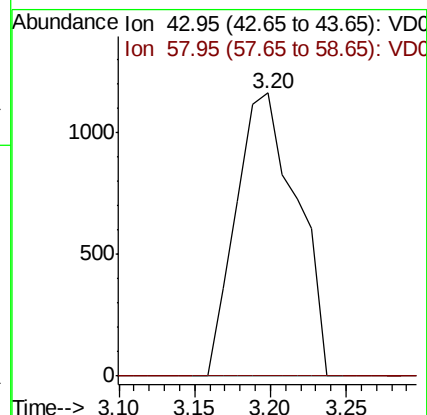
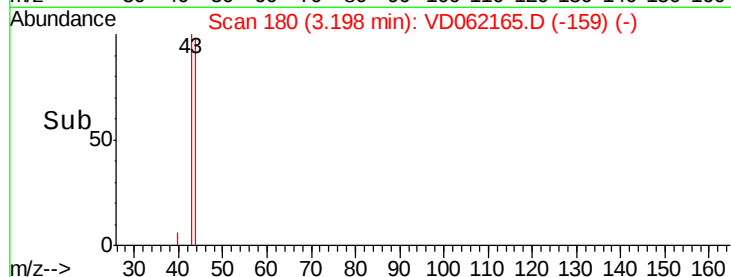
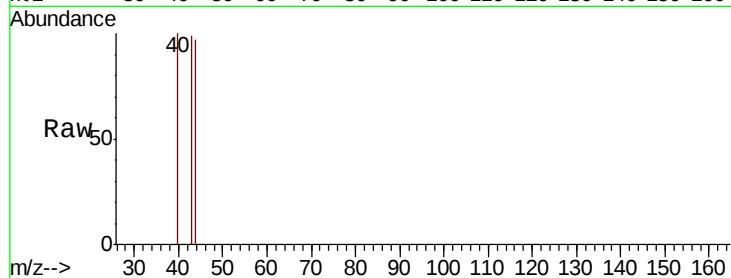
VD0508SBL01

Tot Ion: 43 Resp: 3255

Ion Ratio Lower Upper

43 100

58 0.0 19.9 29.9#



#20

Methylene Chloride

Concen: 5.138 ug/l

RT: 3.79 min Scan# 240

Delta R.T. -0.01 min

Lab File: VD062165.D

Acq: 8 May 2019 10:57

Tgt Ion: 84 Resp: 35386

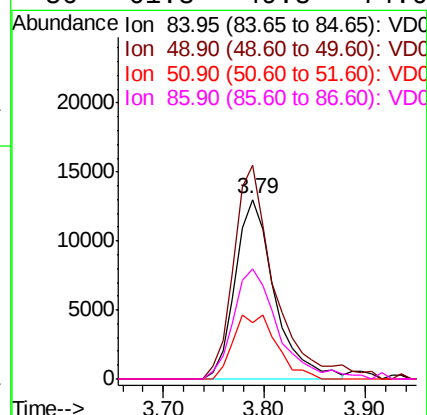
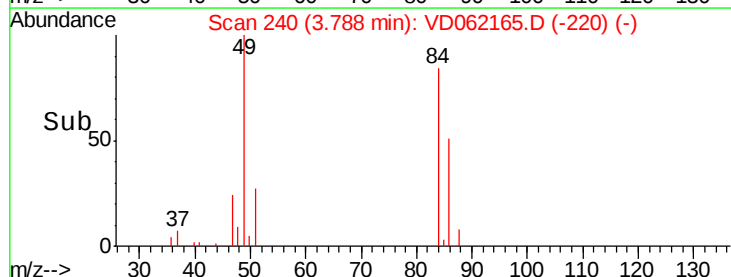
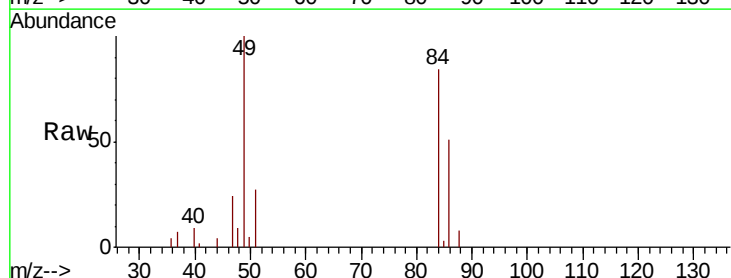
Ion Ratio Lower Upper

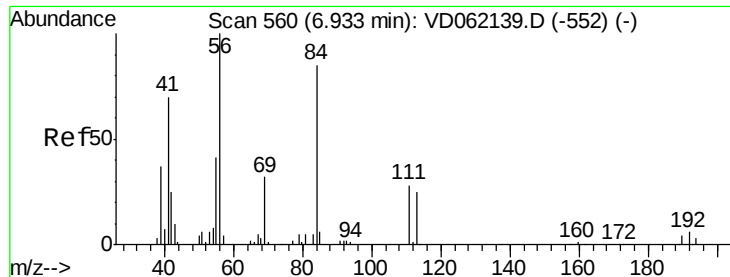
84 100

49 119.2 94.0 141.0

51 31.7 29.0 43.4

86 61.3 49.8 74.6

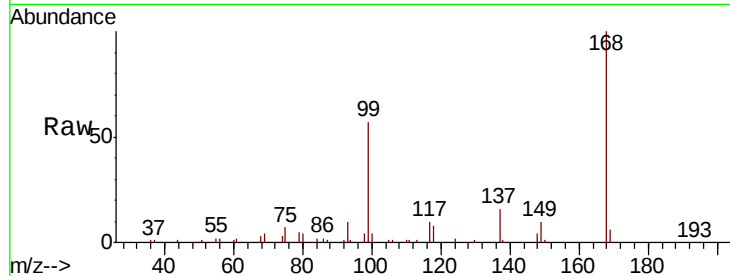




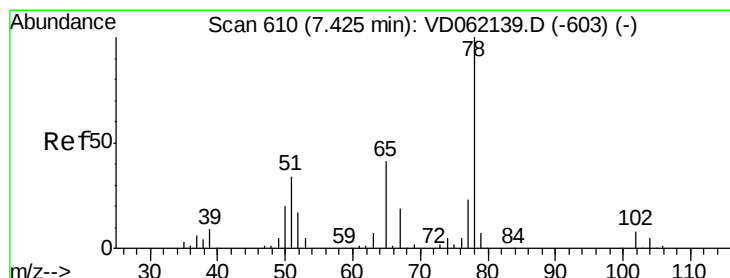
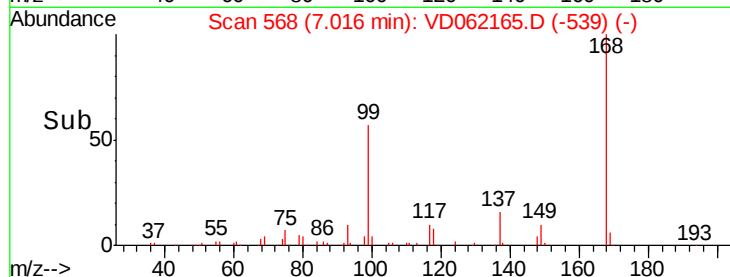
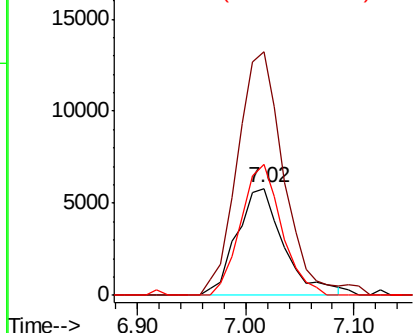
#31
Cyclohexane
Concen: 2.124 ug/l
RT: 7.02 min Scan# 568
Delta R.T. 0.08 min
Lab File: VD062165.D
Acq: 8 May 2019 10:57

Instrument :
MSVOA_D
ClientSampleId :
VD0508SBL01

Tot Ion: 56 Resp: 17525
Ion Ratio Lower Upper
56 100
69 227.9 25.8 38.6#
84 122.6 72.2 108.4#

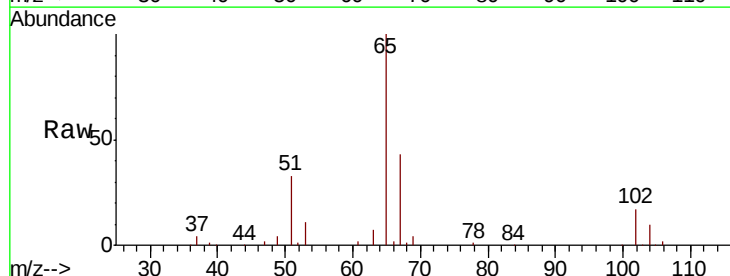


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

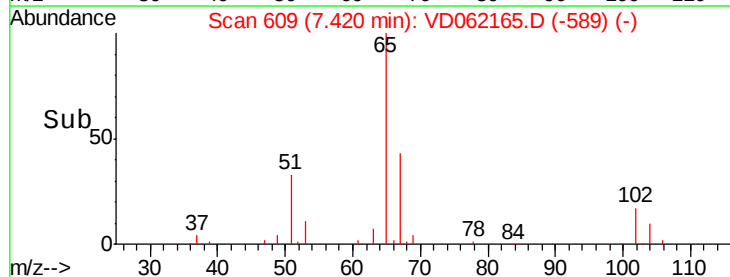
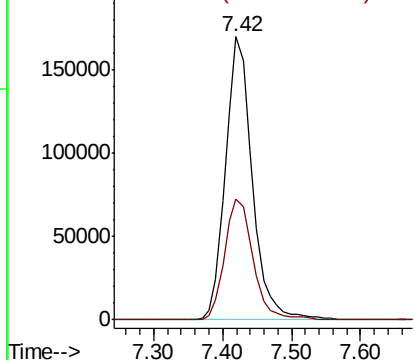


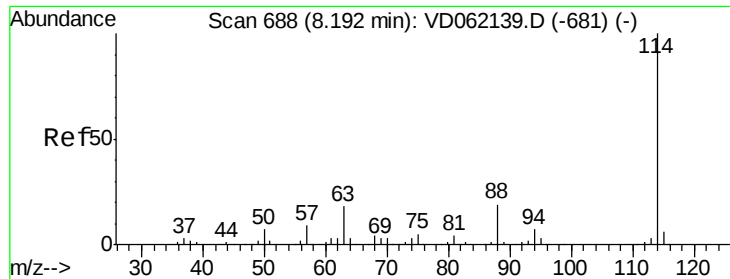
#33
1,2-Dichloroethane-d4
Concen: 58.235 ug/l
RT: 7.42 min Scan# 609
Delta R.T. -0.01 min
Lab File: VD062165.D
Acq: 8 May 2019 10:57

Tgt Ion: 65 Resp: 458021
Ion Ratio Lower Upper
65 100
67 42.7 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: 8.19 min Scan# 687

Delta R.T. -0.01 min

Lab File: VD062165.D

Acq: 8 May 2019 10:57

Instrument :

MSVOA_D

ClientSampleId :

VD0508SBL01

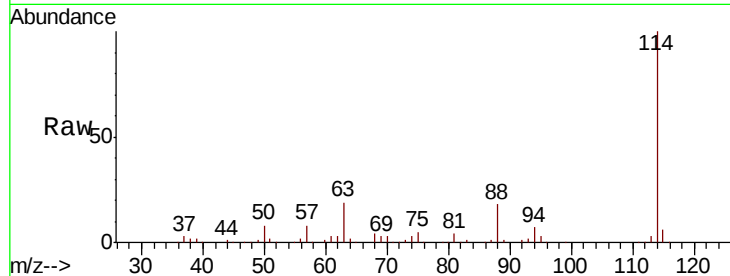
Tot Ion:114 Resp: 1202519

Ion Ratio Lower Upper

114 100

63 18.6 0.0 32.4

88 18.0 0.0 33.6



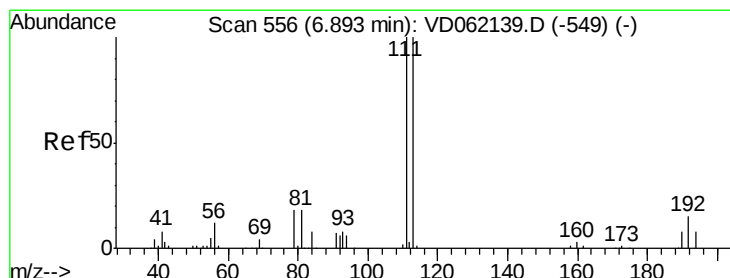
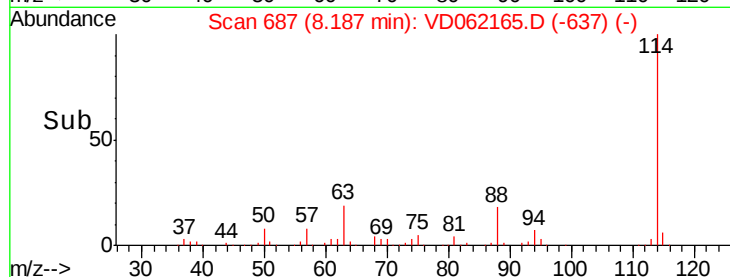
Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V

8.19

Time-->



#35

Dibromofluoromethane

Concen: 55.118 ug/l

RT: 6.90 min Scan# 556

Delta R.T. 0.00 min

Lab File: VD062165.D

Acq: 8 May 2019 10:57

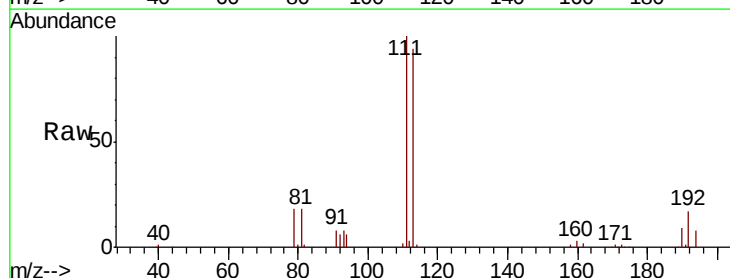
Tgt Ion:113 Resp: 549941

Ion Ratio Lower Upper

113 100

111 106.3 78.5 117.7

192 18.0 13.0 19.4



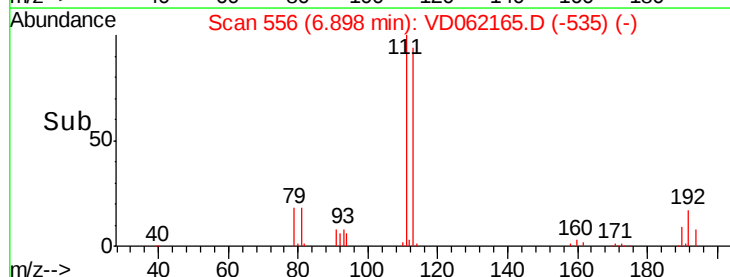
Abundance Ion 112.90 (112.60 to 113.60): V

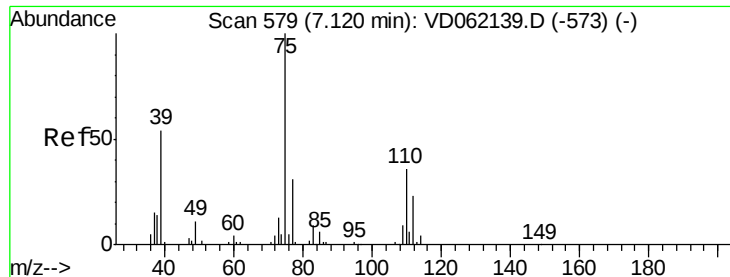
Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

6.90

Time-->





#36

1,1-Dichloropropene

Concen: 6.414 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.10 min

Lab File: VD062165.D

Acq: 8 May 2019 10:57

Instrument :

MSVOA_D

ClientSampleId :

VD0508SBL01

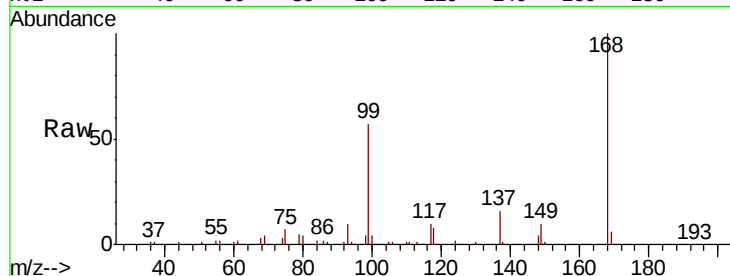
Tot Ion: 75 Resp: 63237

Ion Ratio Lower Upper

75 100

110 7.0 19.1 57.1#

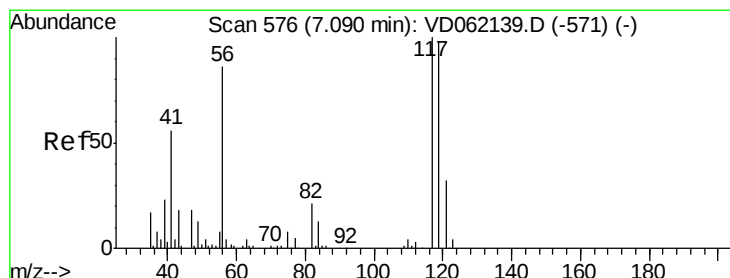
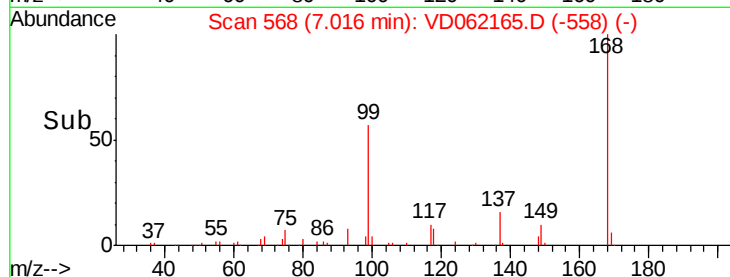
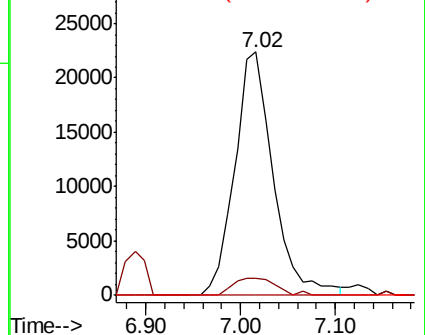
77 0.0 25.6 38.4#



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: 6.153 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.07 min

Lab File: VD062165.D

Acq: 8 May 2019 10:57

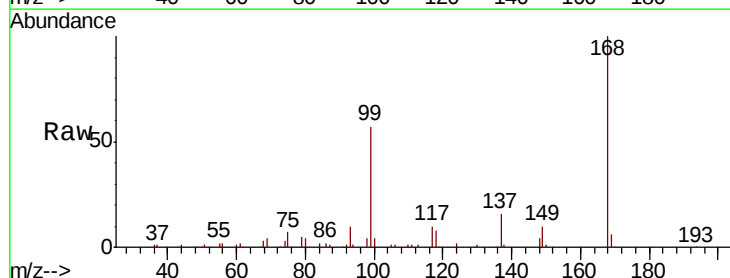
Tgt Ion: 117 Resp: 83964

Ion Ratio Lower Upper

117 100

119 4.3 75.8 113.8#

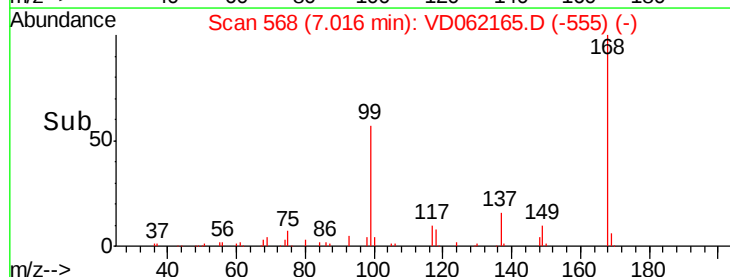
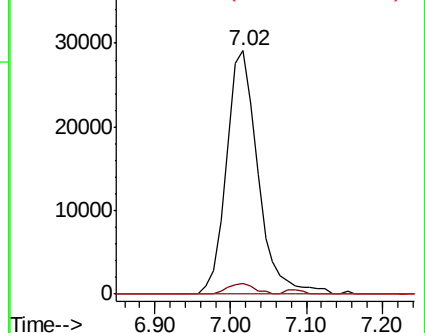
121 0.0 25.9 38.9#

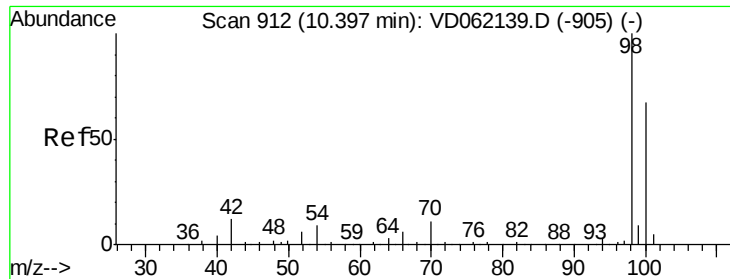


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

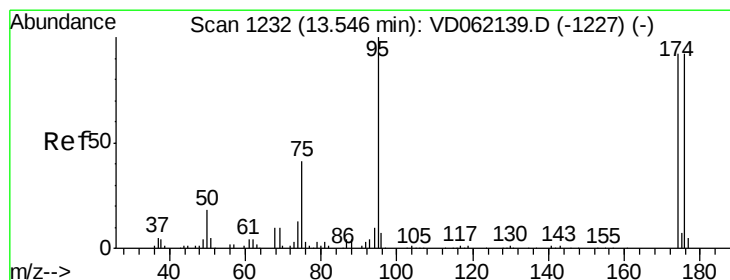
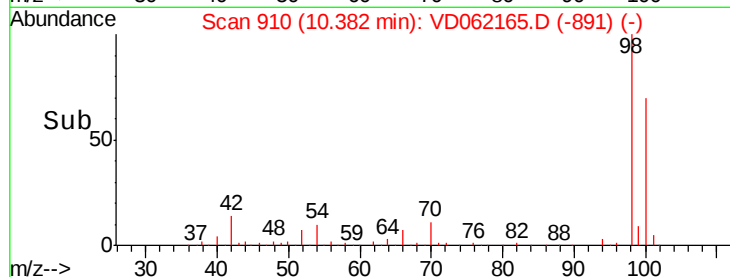
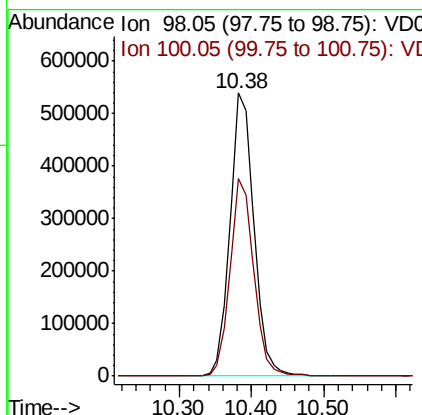
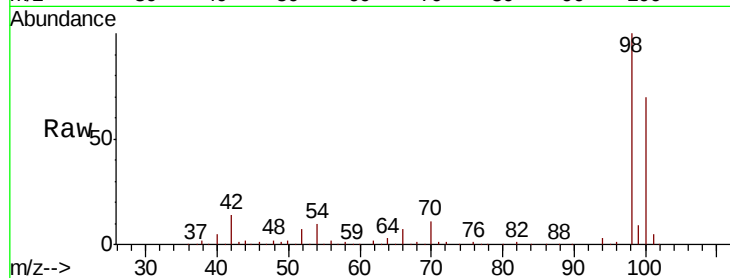




#50
Toluene-d8
Concen: 52.071 ug/l
RT: 10.38 min Scan# 910
Delta R.T. -0.01 min
Lab File: VD062165.D
Acq: 8 May 2019 10:57

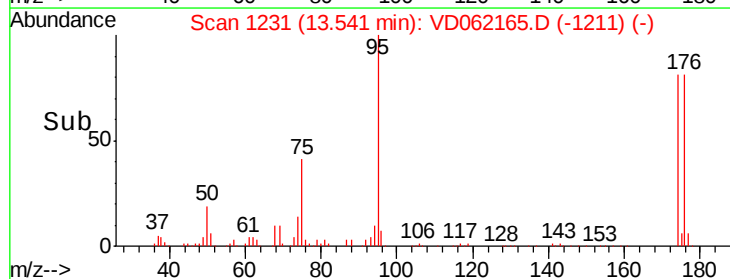
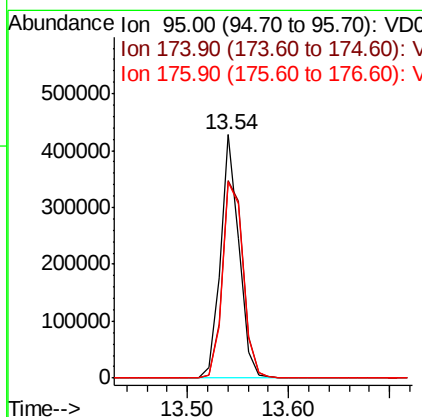
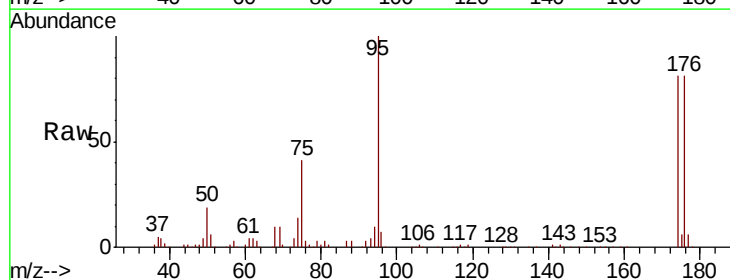
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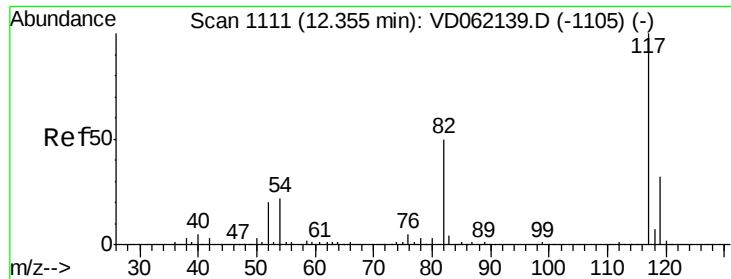
Tot Ion: 98 Resp: 1252631
Ion Ratio Lower Upper
98 100
100 69.9 53.8 80.8



#62
4-Bromofluorobenzene
Concen: 56.738 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD062165.D
Acq: 8 May 2019 10:57

Tgt Ion: 95 Resp: 548095
Ion Ratio Lower Upper
95 100
174 81.4 0.0 181.8
176 80.6 0.0 174.4

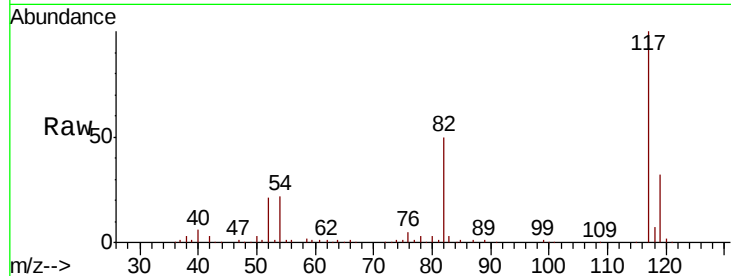




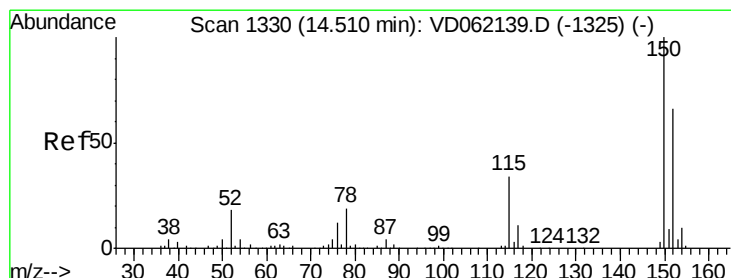
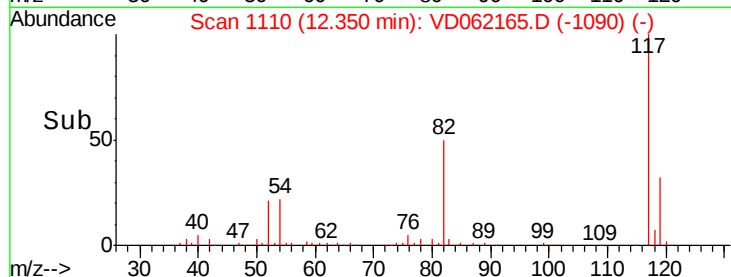
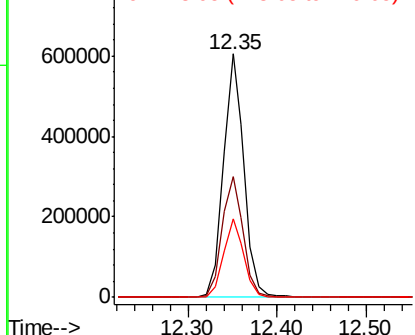
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD062165.D
Acq: 8 May 2019 10:57

Instrument :
MSVOA_D
ClientSampleId :
VD0508SBL01

Tot Ion:117 Resp: 979022
Ion Ratio Lower Upper
117 100
82 49.5 36.2 54.2
119 32.2 26.2 39.4

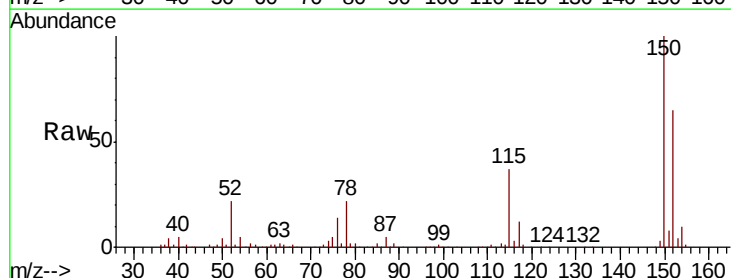


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

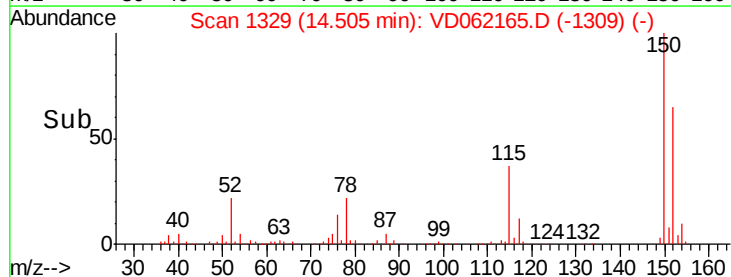
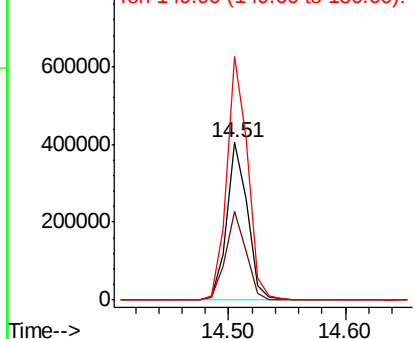


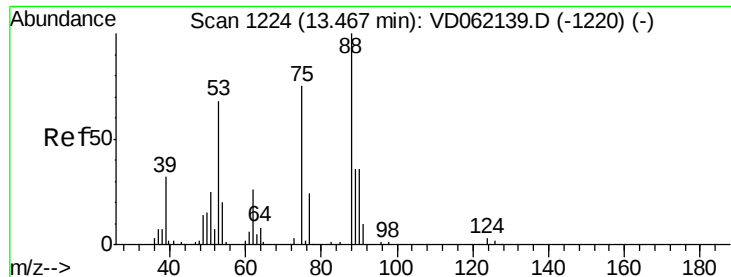
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD062165.D
Acq: 8 May 2019 10:57

Tgt Ion:152 Resp: 496127
Ion Ratio Lower Upper
152 100
115 56.8 30.9 92.7
150 154.7 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: 135.556 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. 0.07 min

Lab File: VD062165.D

Acq: 8 May 2019 10:57

Instrument :

MSVOA_D

ClientSampleId :

VD0508SBL01

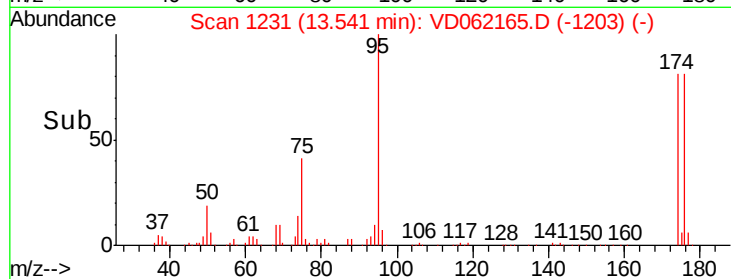
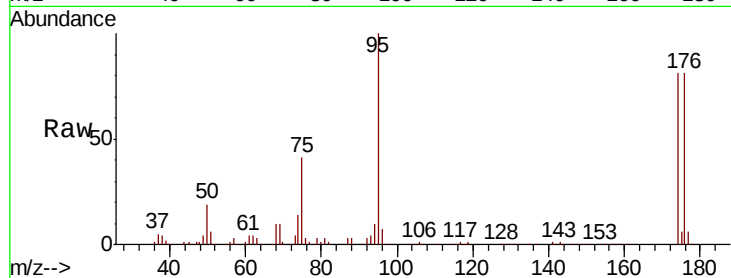
Tot Ion: 75 Resp: 225632

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

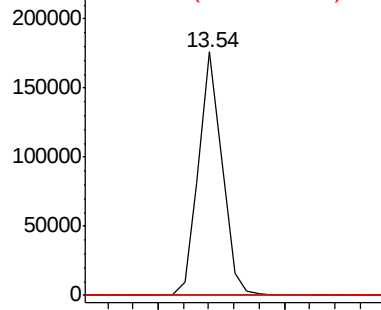
89 0.0 35.0 52.6#



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



Time-->