

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051419\
 Data File : VD062340.D
 Acq On : 14 May 2019 12:14
 Operator : FY/SY
 Sample : VD0514SBL01
 Misc : 5.00g/5mL/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0514SBL01

Quant Time: May 14 12:36:50 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	7.07	168	787222	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.24	114	1091084	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	914589	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	471638	50.00	ug/l	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	370099	50.59	ug/l	0.04
Spiked Amount 50.000			Recovery	=	101.18%	
35) Dibromofluoromethane	6.95	113	443196	48.96	ug/l	0.05
Spiked Amount 50.000			Recovery	=	97.92%	
50) Toluene-d8	10.43	98	1027190	47.06	ug/l	0.03
Spiked Amount 50.000			Recovery	=	94.12%	
62) 4-Bromofluorobenzene	13.56	95	413412	47.17	ug/l	0.02
Spiked Amount 50.000			Recovery	=	94.34%	

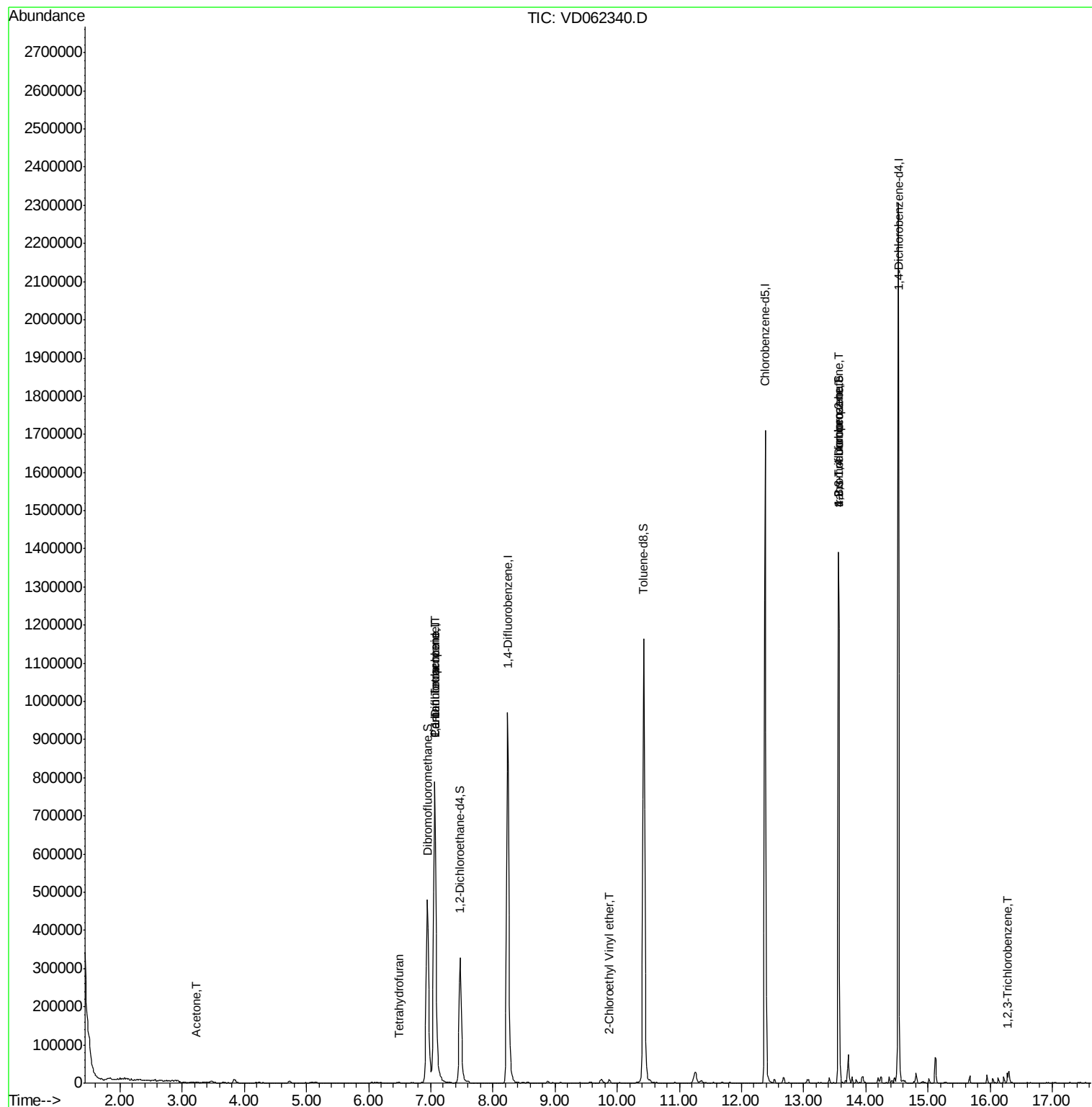
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.24	43	4396	2.865	ug/l	93
29) Tetrahydrofuran	6.49	42	879	1.140	ug/l #	30
36) 1,1-Dichloropropene	7.07	75	62853	7.026	ug/l #	47
38) Carbon Tetrachloride	7.07	117	79250	6.400	ug/l #	15
58) 2-Chloroethyl Vinyl ether	9.88	63	4993	1.892	ug/l	97
76) 1,2,3-Trichloropropane	13.56	75	171052	30.517	ug/l #	44
81) trans-1,4-Dichloro-2-buten	13.56	75	173739	109.799	ug/l #	16
96) 1,2,3-Trichlorobenzene	16.28	180	6713	1.232	ug/l	93

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

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Sample : VD0514SBL01
Misc : 5.00g/5mL/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0514SBL01

Quant Time: May 14 12:36:50 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: 7.07 min Scan# 573

Delta R.T. 0.04 min

Lab File: VD062340.D

Acq: 14 May 2019 12:14

Instrument :

MSVOA_D

ClientSampleId :

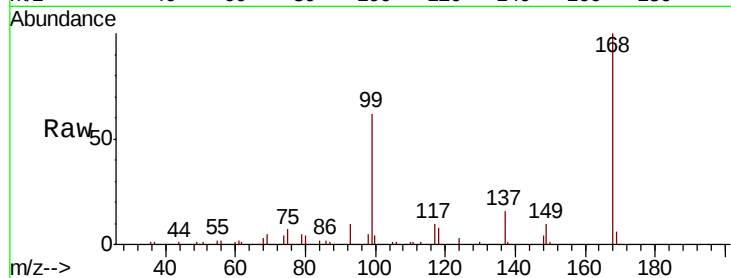
VD0514SBL01

Tgt Ion:168 Resp: 787222

Ion Ratio Lower Upper

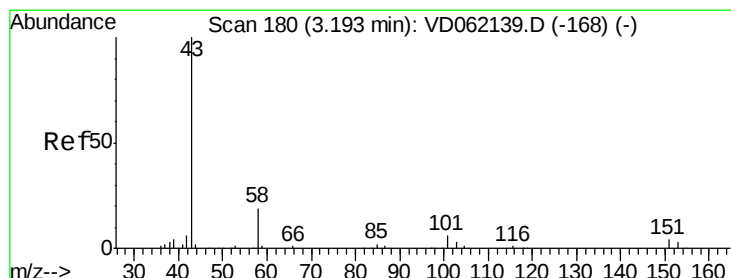
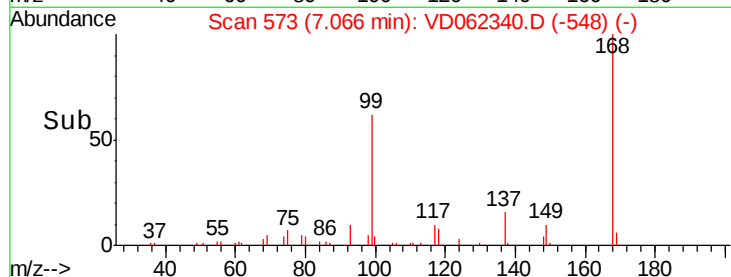
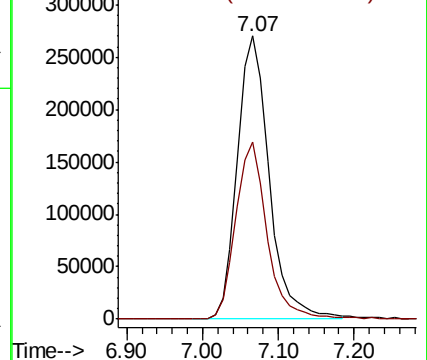
168 100

99 62.4 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: 2.865 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.04 min

Lab File: VD062340.D

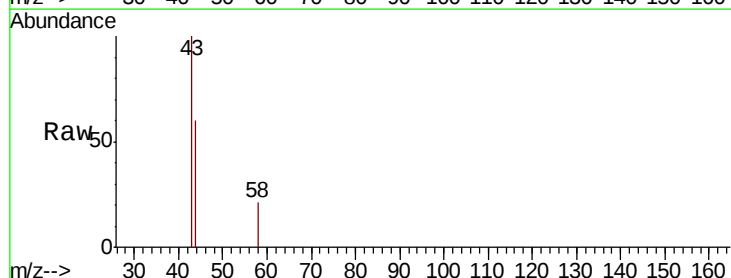
Acq: 14 May 2019 12:14

Tgt Ion: 43 Resp: 4396

Ion Ratio Lower Upper

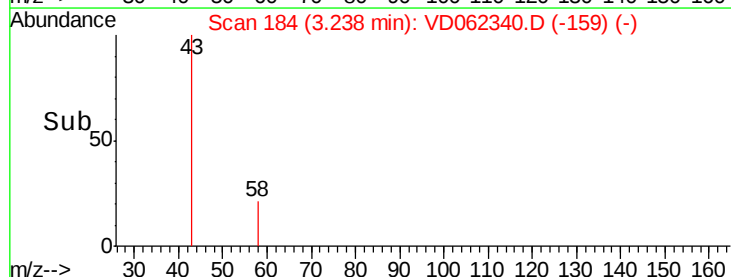
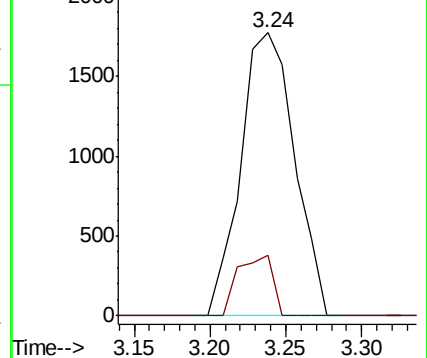
43 100

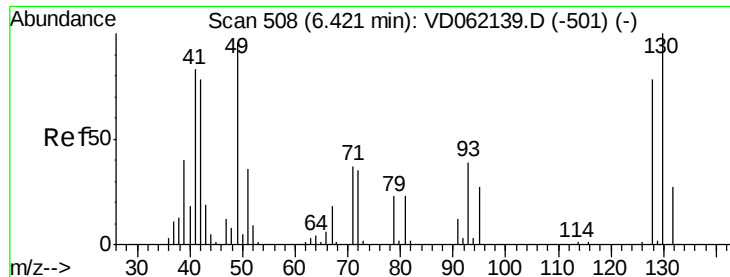
58 21.3 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#29

Tetrahydrofuran

Concen: 1.140 ug/l

RT: 6.49 min Scan# 514

Delta R.T. 0.06 min

Lab File: VD062340.D

Acq: 14 May 2019 12:14

Instrument :

MSVOA_D

ClientSampleId :

VD0514SBL01

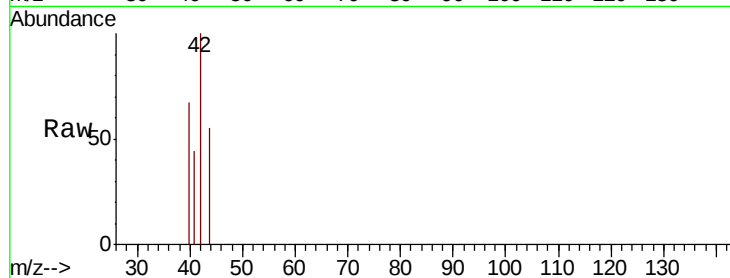
Tgt Ion: 42 Resp: 879

Ion Ratio Lower Upper

42 100

72 0.0 37.8 56.6#

71 0.0 36.7 55.1#



Abundance Ion 42.00 (41.70 to 42.70): VDC

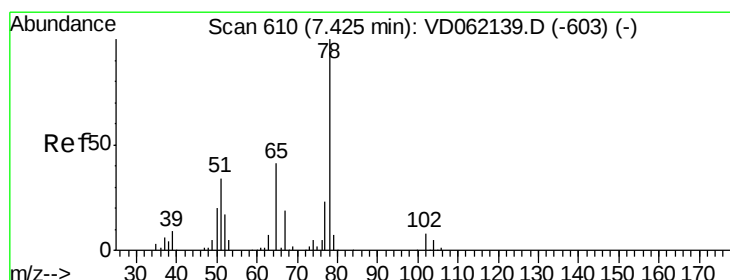
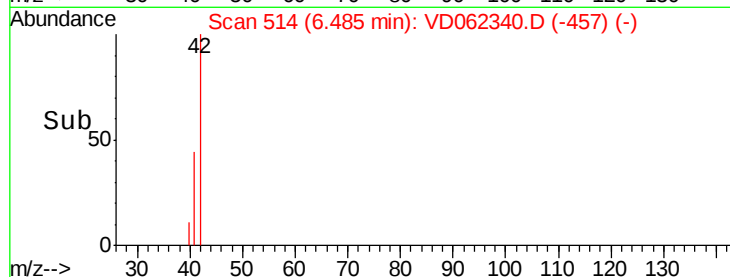
Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC

6.49

6.44 6.46 6.48 6.50 6.52

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.589 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD062340.D

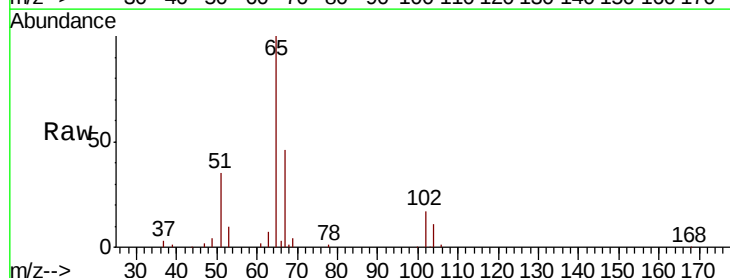
Acq: 14 May 2019 12:14

Tgt Ion: 65 Resp: 370099

Ion Ratio Lower Upper

65 100

67 45.6 0.0 98.0



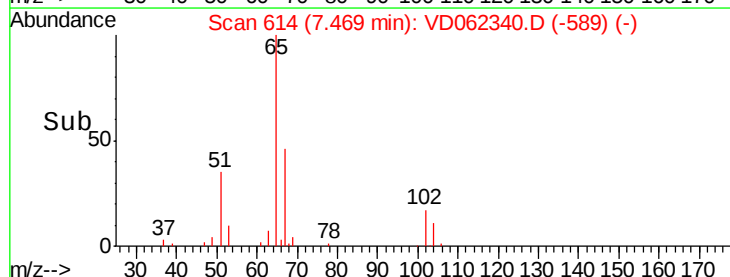
Abundance Ion 64.95 (64.65 to 65.65): VDC

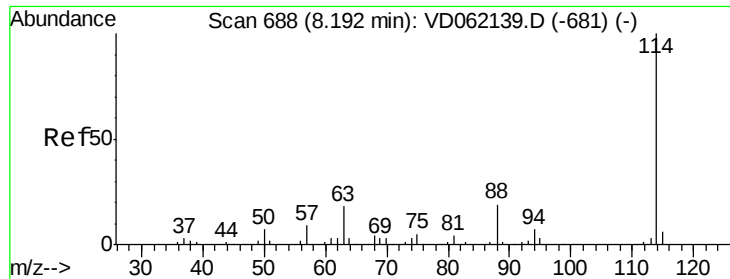
Ion 66.90 (66.60 to 67.60): VDC

7.47

7.30 7.40 7.50 7.60 7.70

Time-->

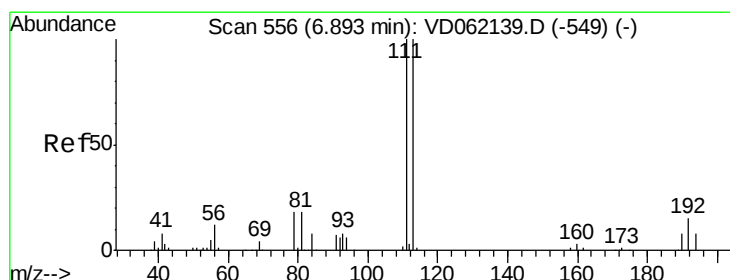
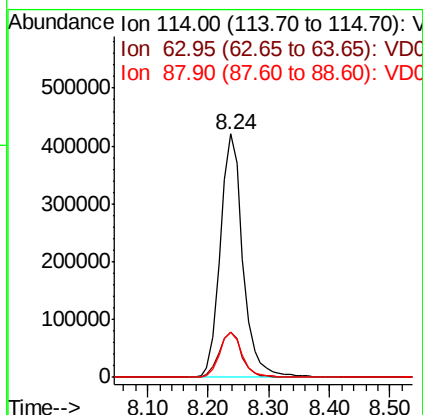
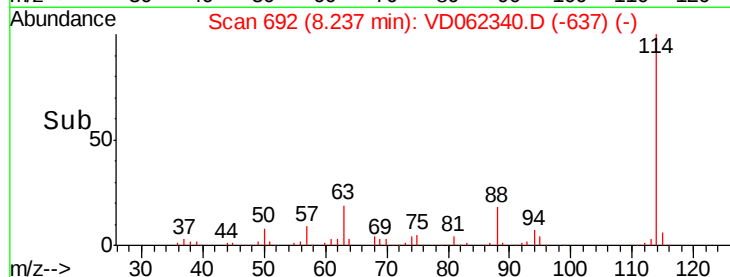
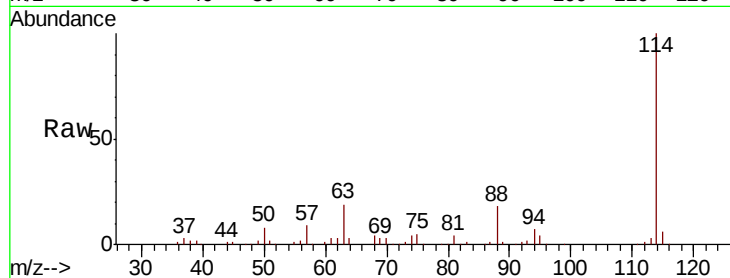




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.04 min
 Lab File: VD062340.D
 Acq: 14 May 2019 12:14

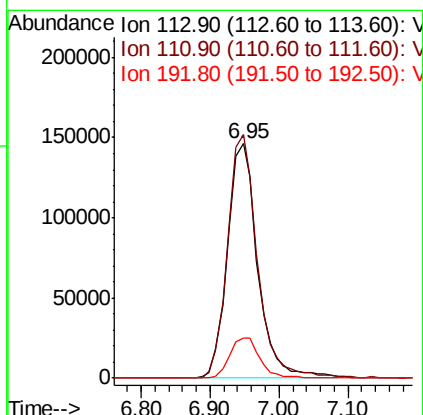
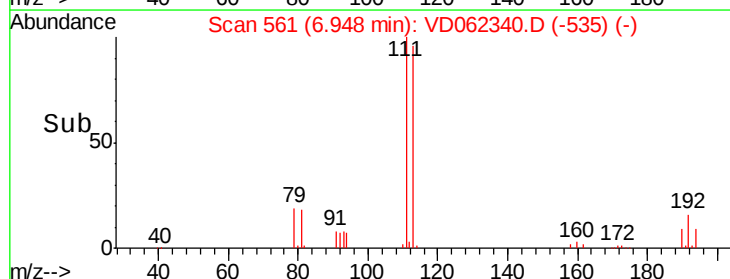
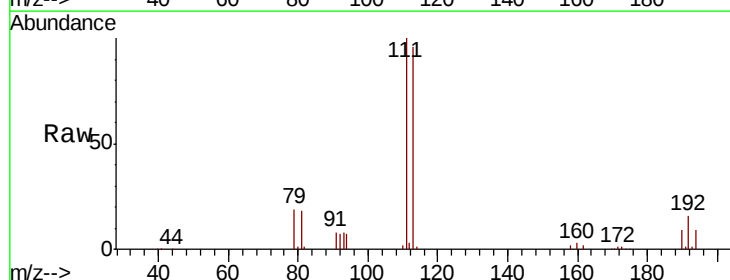
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0514SBL01

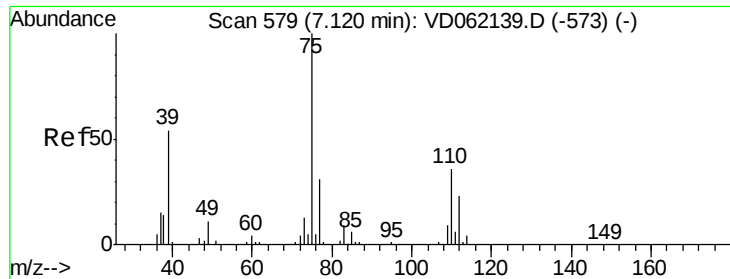
Tgt Ion:114 Resp: 1091084
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 32.4
 88 18.5 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 48.957 ug/l
 RT: 6.95 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD062340.D
 Acq: 14 May 2019 12:14

Tgt Ion:113 Resp: 443196
 Ion Ratio Lower Upper
 113 100
 111 103.9 78.5 117.7
 192 17.1 13.0 19.4





#36

1,1-Dichloropropene

Concen: 7.026 ug/l

RT: 7.07 min Scan# 573

Delta R.T. -0.05 min

Lab File: VD062340.D

Acq: 14 May 2019 12:14

Instrument :

MSVOA_D

ClientSampleId :

VD0514SBL01

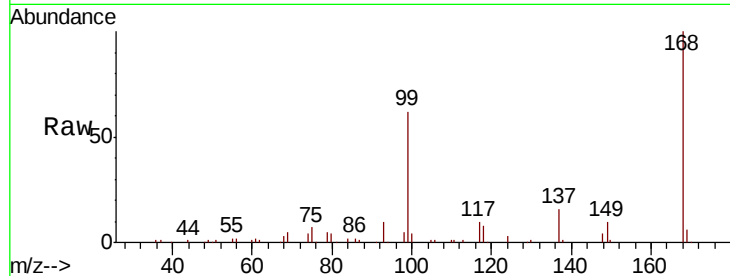
Tgt Ion: 75 Resp: 62853

Ion Ratio Lower Upper

75 100

110 7.9 19.1 57.1#

77 0.0 25.6 38.4#

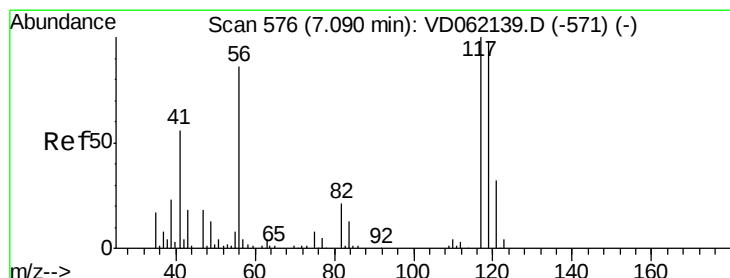
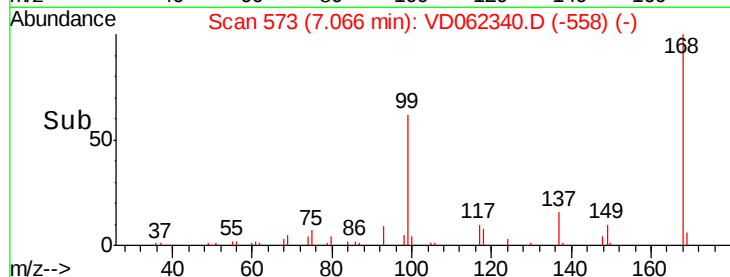


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

Time--> 6.90 7.00 7.10 7.20



#38

Carbon Tetrachloride

Concen: 6.400 ug/l

RT: 7.07 min Scan# 573

Delta R.T. -0.02 min

Lab File: VD062340.D

Acq: 14 May 2019 12:14

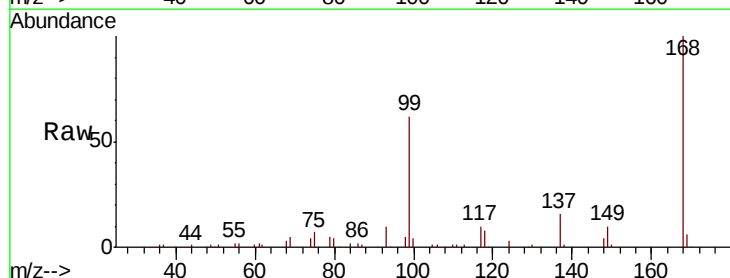
Tgt Ion: 117 Resp: 79250

Ion Ratio Lower Upper

117 100

119 3.8 75.8 113.8#

121 0.0 25.9 38.9#

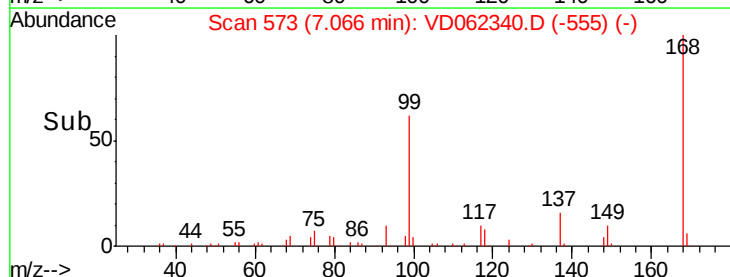


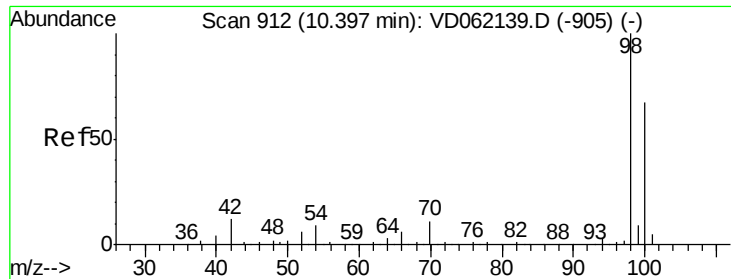
Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

Time--> 6.90 7.00 7.10 7.20

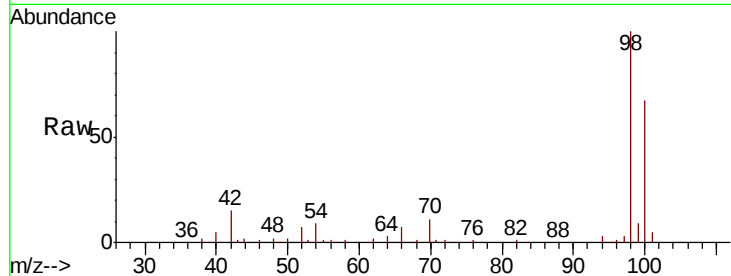




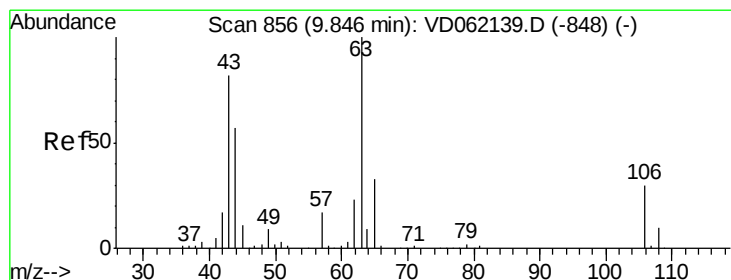
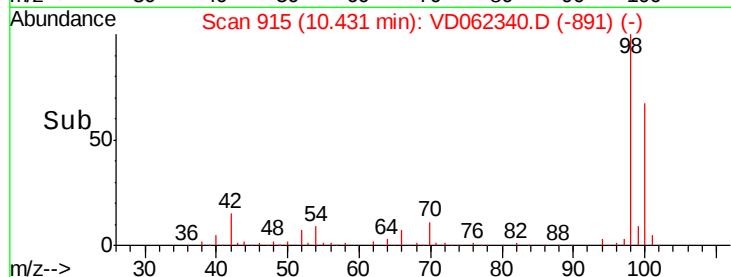
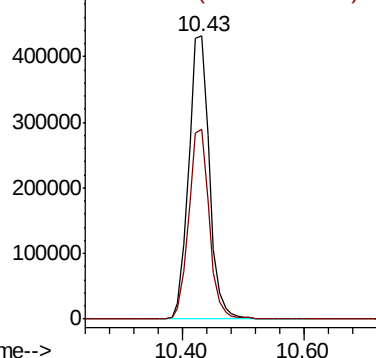
#50
Toluene-d8
Concen: 47.060 ug/l
RT: 10.43 min Scan# 915
Delta R.T. 0.03 min
Lab File: VD062340.D
Acq: 14 May 2019 12:14

Instrument :
MSVOA_D
ClientSampleId :
VD0514SBL01

Tgt Ion: 98 Resp: 1027190
Ion Ratio Lower Upper
98 100
100 67.2 53.8 80.8

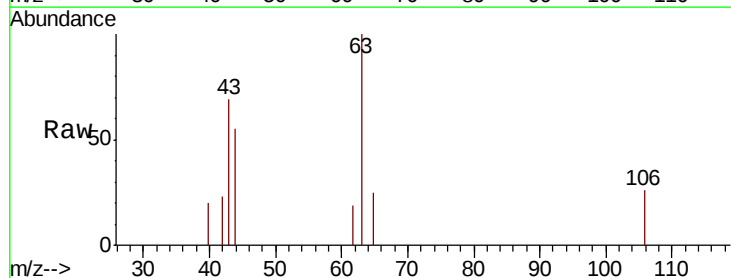


Abundance Ion 98.05 (97.75 to 98.75): VD062139.D (-905) (-)
Ion 100.05 (99.75 to 100.75): VD062139.D (-905) (-)

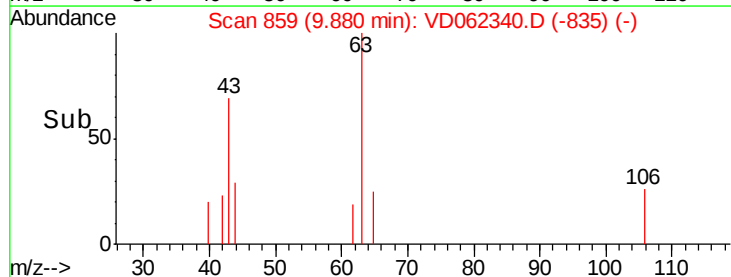
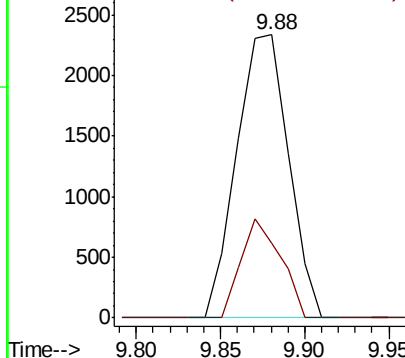


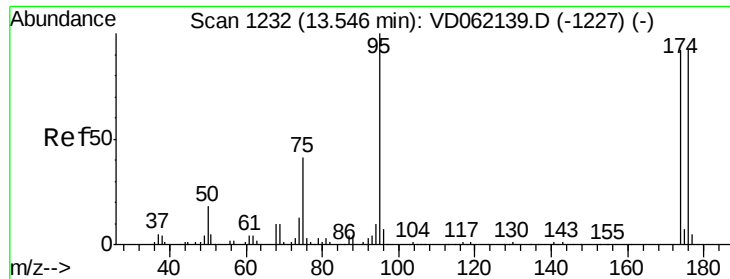
#58
2-Chloroethyl Vinyl ether
Concen: 1.892 ug/l
RT: 9.88 min Scan# 859
Delta R.T. 0.03 min
Lab File: VD062340.D
Acq: 14 May 2019 12:14

Tgt Ion: 63 Resp: 4993
Ion Ratio Lower Upper
63 100
106 26.5 22.6 34.0



Abundance Ion 62.95 (62.65 to 63.65): VD062139.D (-848) (-)
Ion 105.95 (105.65 to 106.65): VD062139.D (-848) (-)





#62

4-Bromofluorobenzene

Concen: 47.166 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.02 min

Lab File: VD062340.D

Acq: 14 May 2019 12:14

Instrument :

MSVOA_D

ClientSampleId :

VD0514SBL01

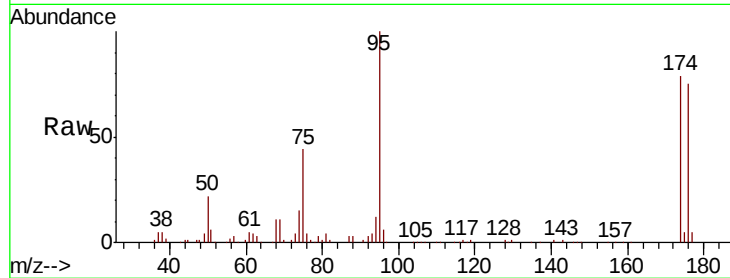
Tgt Ion: 95 Resp: 413412

Ion Ratio Lower Upper

95 100

174 79.3 0.0 181.8

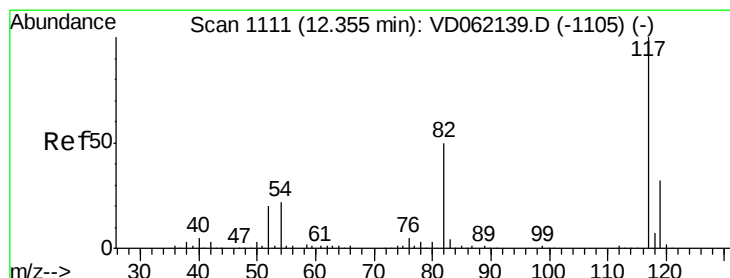
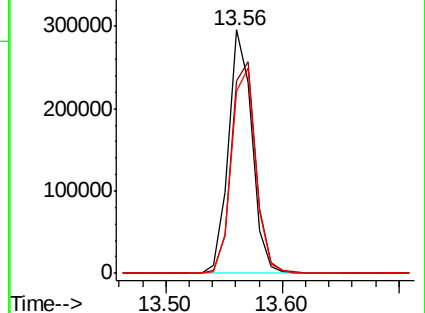
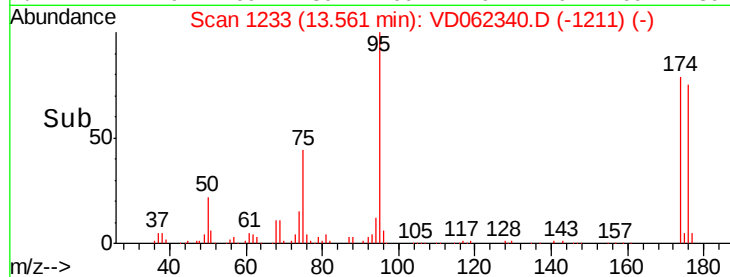
176 74.7 0.0 174.4



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: 12.38 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VD062340.D

Acq: 14 May 2019 12:14

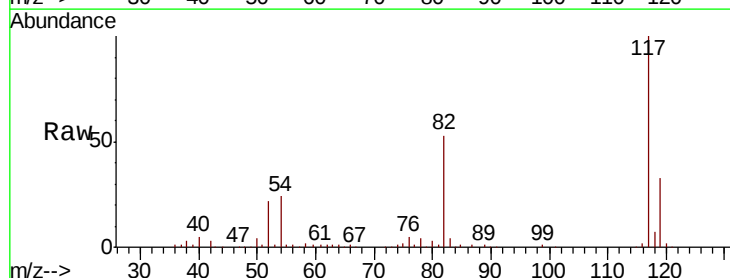
Tgt Ion: 117 Resp: 914589

Ion Ratio Lower Upper

117 100

82 52.5 36.2 54.2

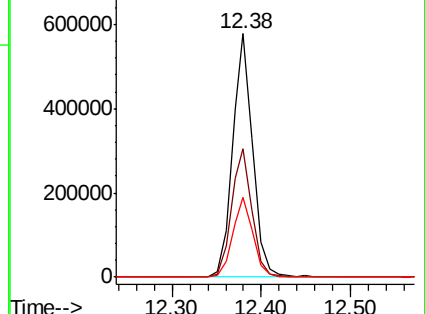
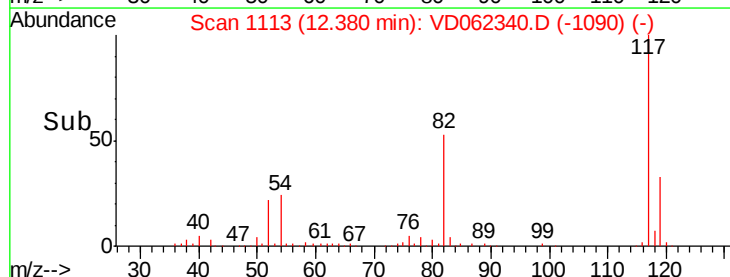
119 32.7 26.2 39.4

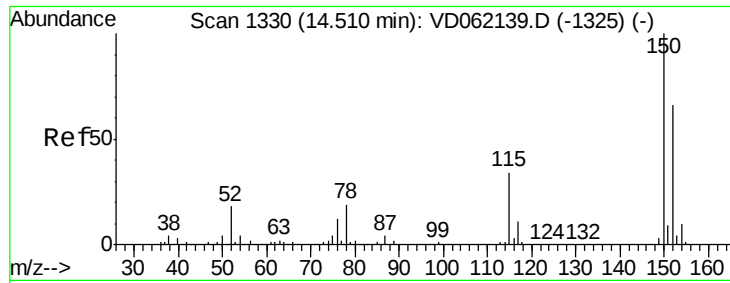


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

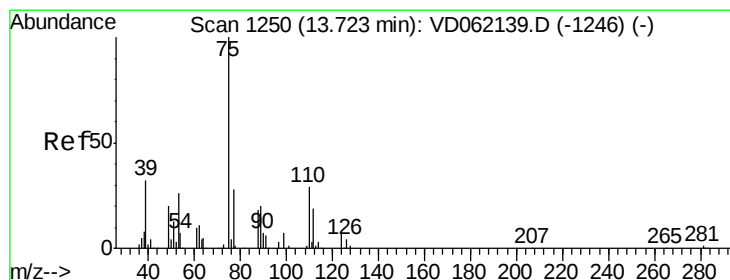
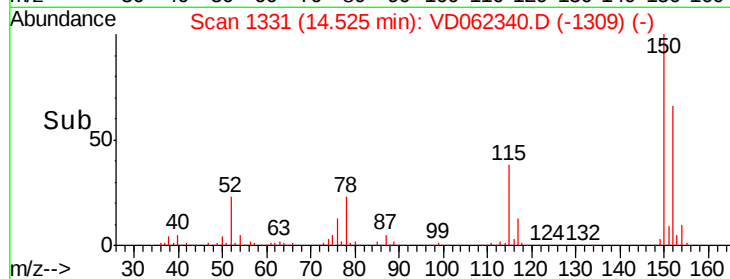
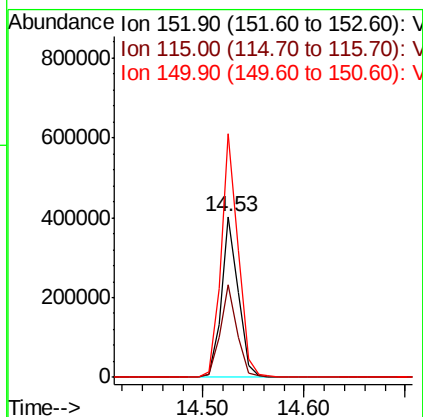
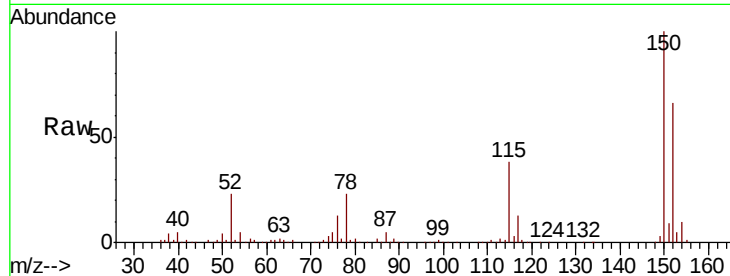




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.53 min Scan# 1331
 Delta R.T. 0.02 min
 Lab File: VD062340.D
 Acq: 14 May 2019 12:14

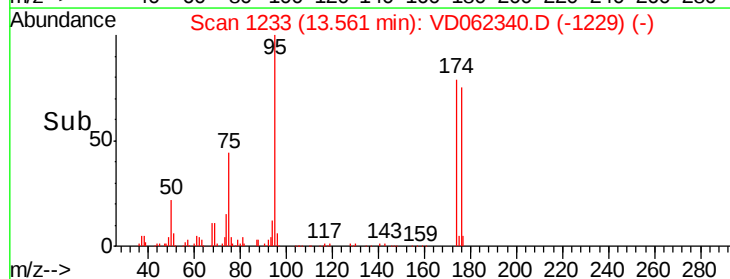
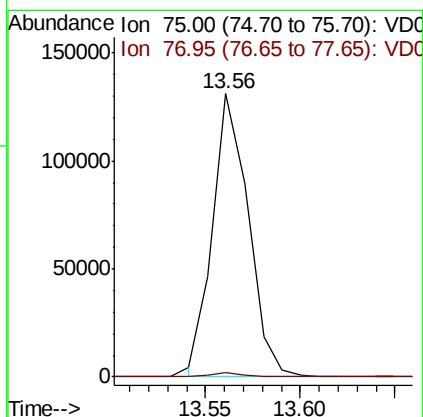
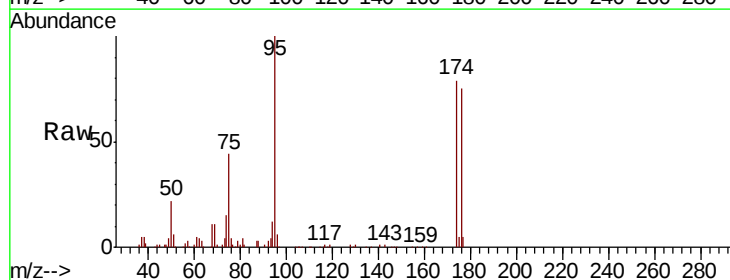
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0514SBL01

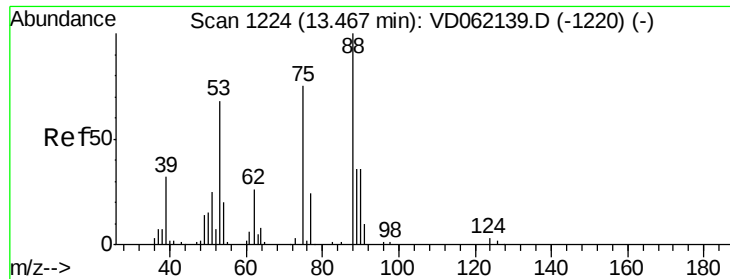
Tgt Ion: 152 Resp: 471638
 Ion Ratio Lower Upper
 152 100
 115 57.8 30.9 92.7
 150 151.4 0.0 314.8



#76
 1,2,3-Trichloropropane
 Concen: 30.517 ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. -0.16 min
 Lab File: VD062340.D
 Acq: 14 May 2019 12:14

Tgt Ion: 75 Resp: 171052
 Ion Ratio Lower Upper
 75 100
 77 1.3 16.4 49.4#





#81

trans-1,4-Dichloro-2-butene

Concen: 109.799 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD062340.D

Acq: 14 May 2019 12:14

Instrument :

MSVOA_D

ClientSampleId :

VD0514SBL01

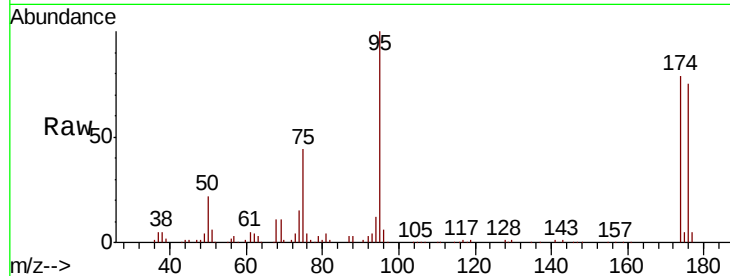
Tgt Ion: 75 Resp: 173739

Ion Ratio Lower Upper

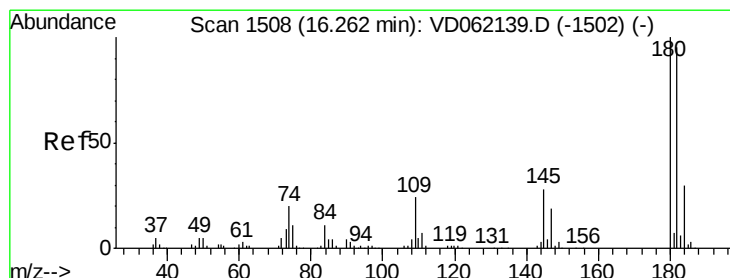
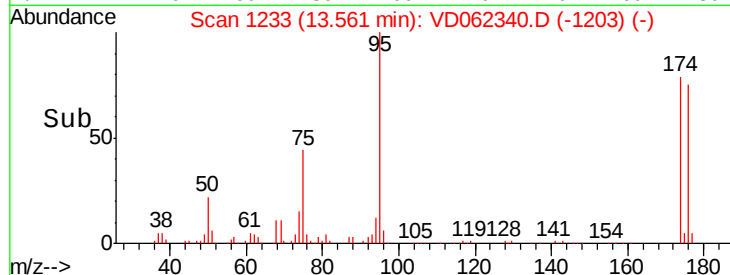
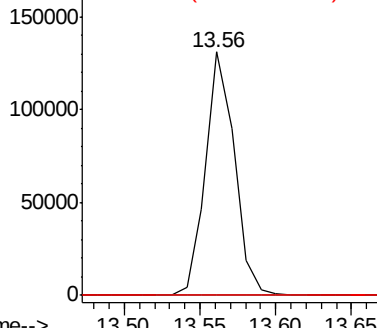
75 100

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



#96

1,2,3-Trichlorobenzene

Concen: 1.232 ug/l

RT: 16.28 min Scan# 1509

Delta R.T. 0.02 min

Lab File: VD062340.D

Acq: 14 May 2019 12:14

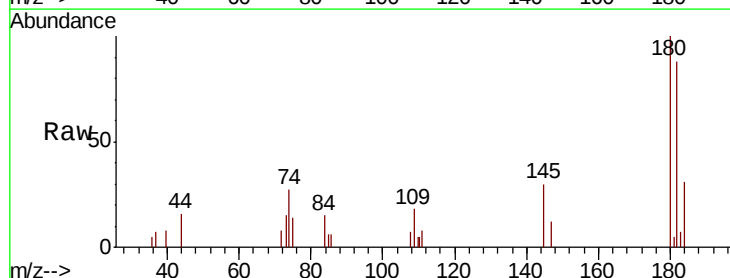
Tgt Ion: 180 Resp: 6713

Ion Ratio Lower Upper

180 100

182 88.1 47.0 141.0

145 29.6 17.0 51.0



Abundance Ion 179.85 (179.55 to 180.55): V
Ion 181.85 (181.55 to 182.55): V
Ion 144.95 (144.65 to 145.65): V

