

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051419\
 Data File : VD062353.D
 Acq On : 14 May 2019 18:20
 Operator : FY/SY
 Sample : K2757-01RE
 Misc : 4.80g/5mL/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 15 02:01:19 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	327135	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.24	114	515938	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.38	117	452419	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	218208	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	201774	66.37	ug/l	0.05
Spiked Amount			Recovery	=	132.74%	
35) Dibromofluoromethane	6.95	113	199901	46.70	ug/l	0.06
Spiked Amount			Recovery	=	93.40%	
50) Toluene-d8	10.43	98	374780	36.31	ug/l	0.03
Spiked Amount			Recovery	=	72.62%	
62) 4-Bromofluorobenzene	13.57	95	179258	43.25	ug/l	0.02
Spiked Amount			Recovery	=	86.50%	

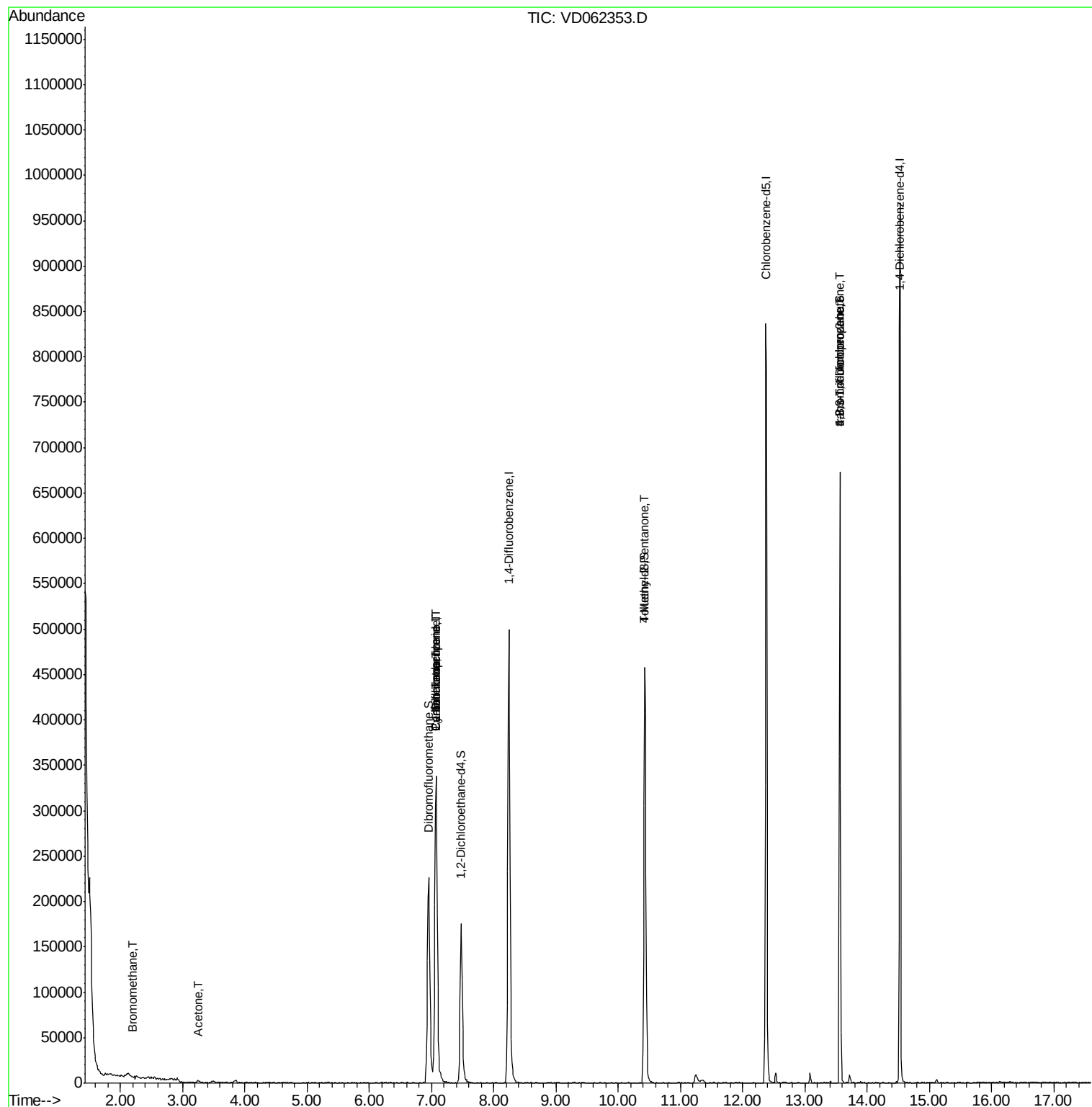
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.19	94	1529	2.937	ug/l #	12
16) Acetone	3.23	43	3665	5.749	ug/l	96
31) Cyclohexane	7.06	56	6952	2.180	ug/l #	18
36) 1,1-Dichloropropene	7.07	75	25186	5.954	ug/l #	47
38) Carbon Tetrachloride	7.07	117	33657	5.748	ug/l #	16
51) 4-Methyl-2-Pentanone	10.43	43	2314	1.415	ug/l #	1
76) 1,2,3-Trichloropropane	13.57	75	77095	29.729	ug/l #	44
81) trans-1,4-Dichloro-2-buten	13.57	75	81172	110.878	ug/l #	16

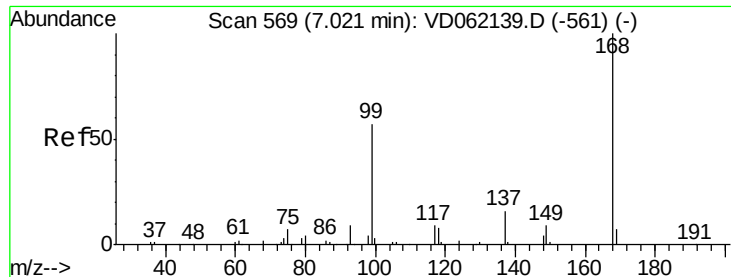
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 15 02:01:19 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

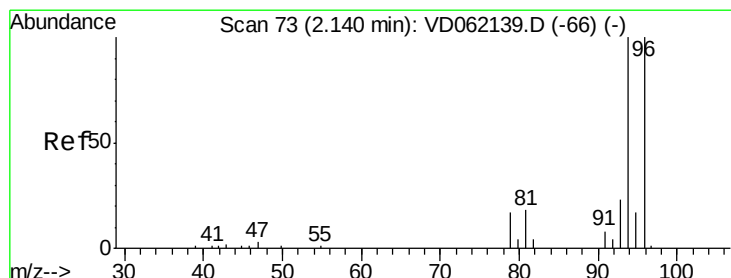
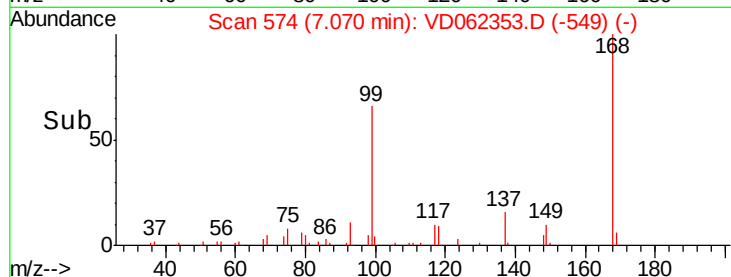
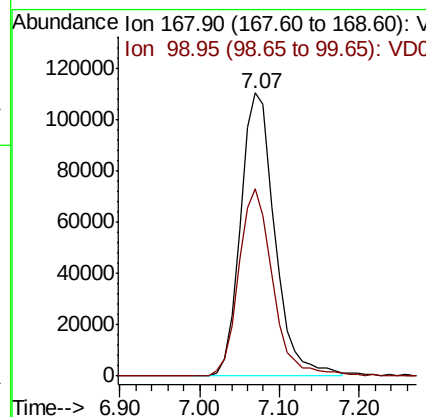
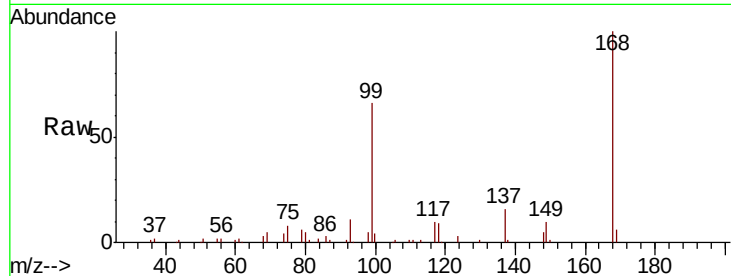




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.07 min Scan# 574
Delta R.T. 0.05 min
Lab File: VD062353.D
Acq: 14 May 2019 18:20

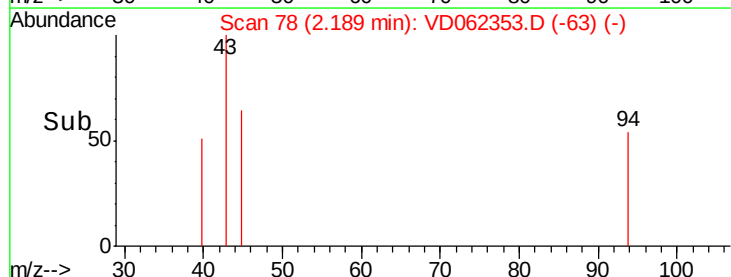
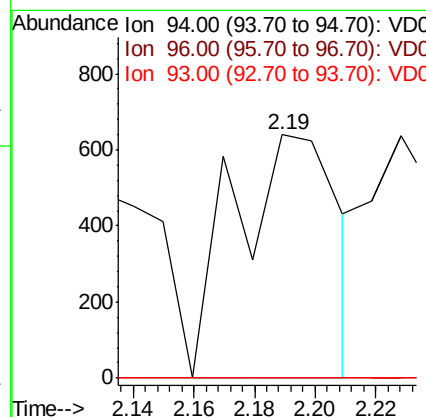
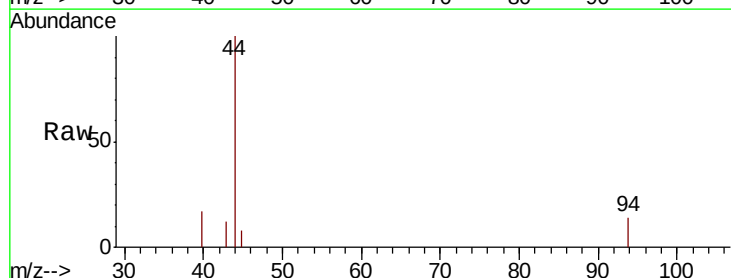
Instrument :
MSVOA_D
ClientSampleID :

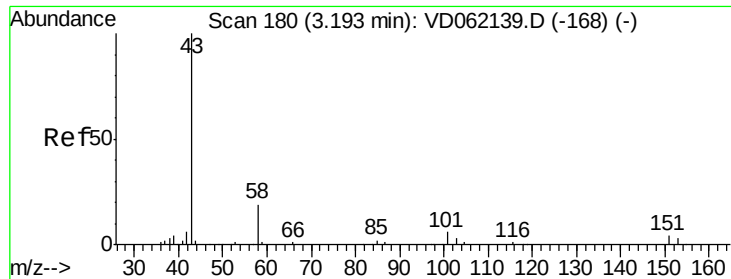
Tot Ion:168 Resp: 327135
Ion Ratio Lower Upper
168 100
99 66.1 46.5 69.7



#5
Bromomethane
Concen: 2.937 ug/l
RT: 2.19 min Scan# 78
Delta R.T. 0.05 min
Lab File: VD062353.D
Acq: 14 May 2019 18:20

Tgt Ion: 94 Resp: 1529
Ion Ratio Lower Upper
94 100
96 0.0 76.6 115.0#
93 0.0 18.5 27.7#





#16

Acetone

Concen: 5.749 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.04 min

Lab File: VD062353.D

Acq: 14 May 2019 18:20

Instrument :

MSVOA_D

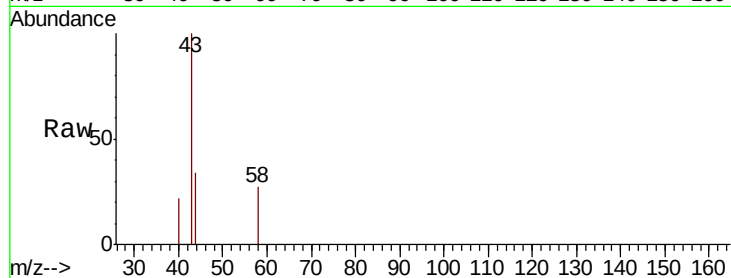
ClientSampleId :

Tot Ion: 43 Resp: 3665

Ion Ratio Lower Upper

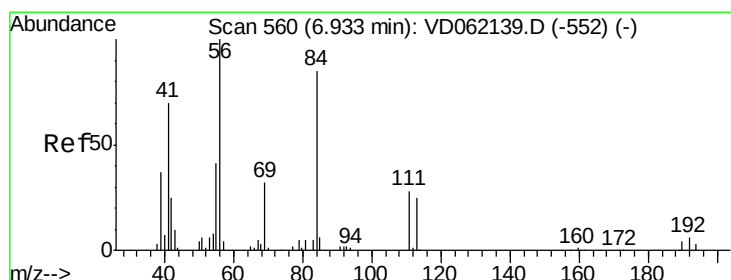
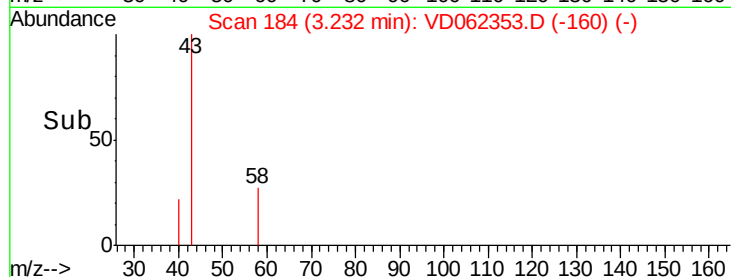
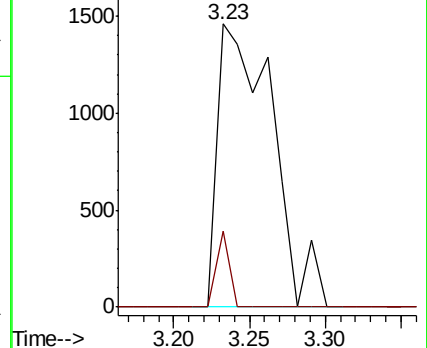
43 100

58 26.8 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: 2.180 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.13 min

Lab File: VD062353.D

Acq: 14 May 2019 18:20

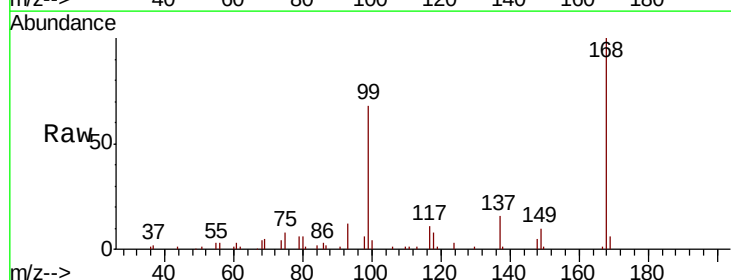
Tgt Ion: 56 Resp: 6952

Ion Ratio Lower Upper

56 100

69 199.1 25.8 38.6#

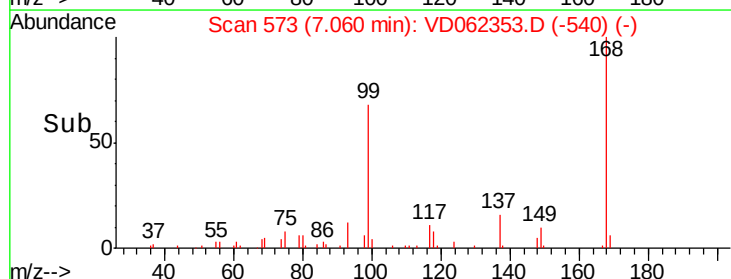
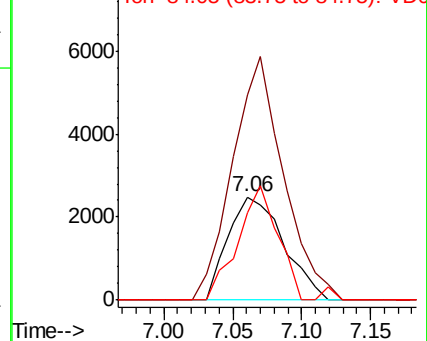
84 85.4 72.2 108.4

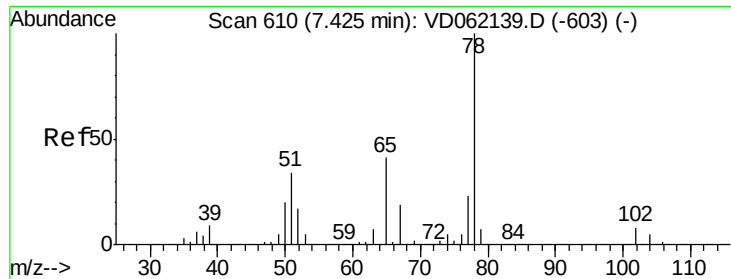


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC

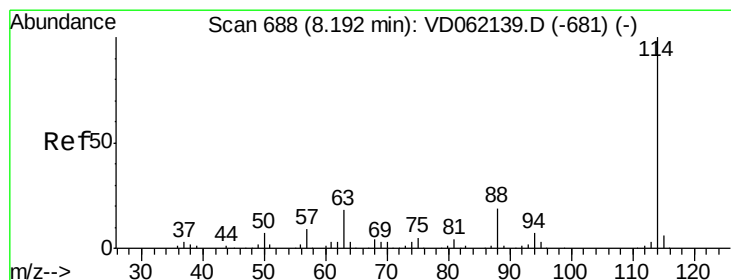
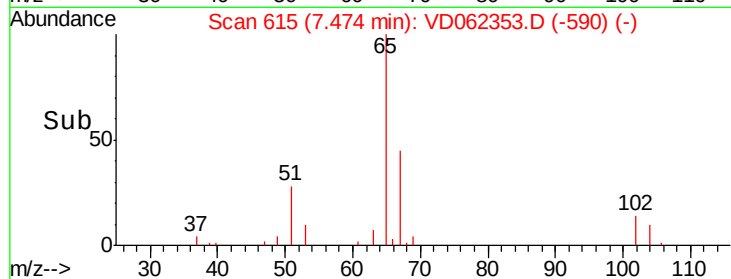
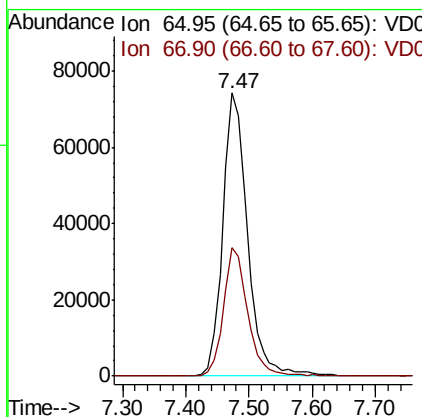
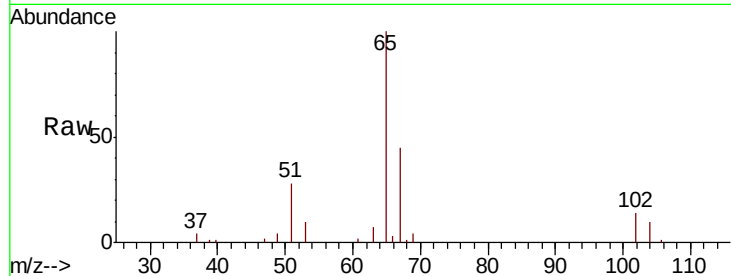




#33
 1,2-Dichloroethane-d4
 Concen: 66.371 ug/l
 RT: 7.47 min Scan# 615
 Delta R.T. 0.05 min
 Lab File: VD062353.D
 Acq: 14 May 2019 18:20

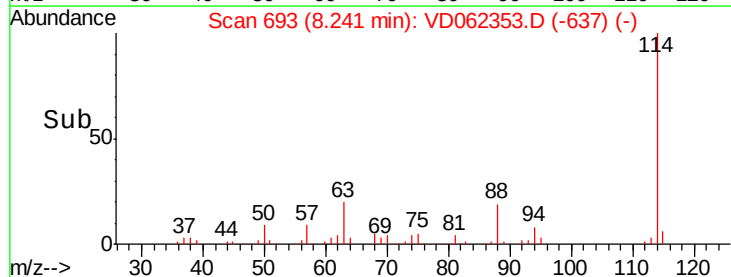
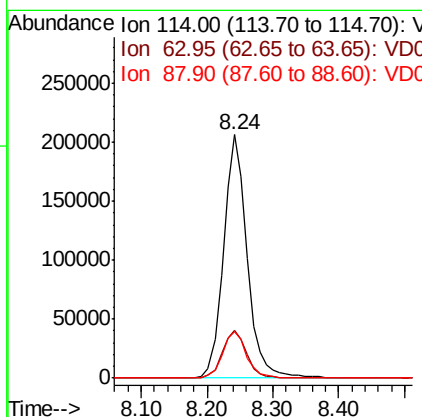
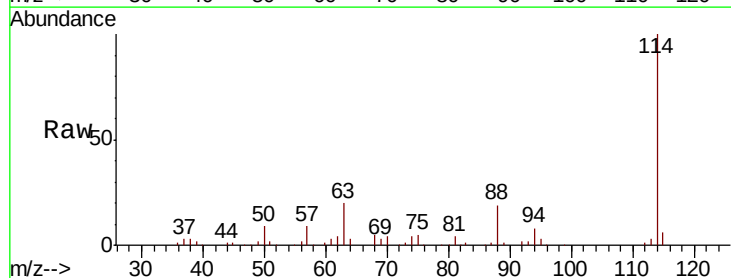
Instrument :
 MSVOA_D
 ClientSampleId :

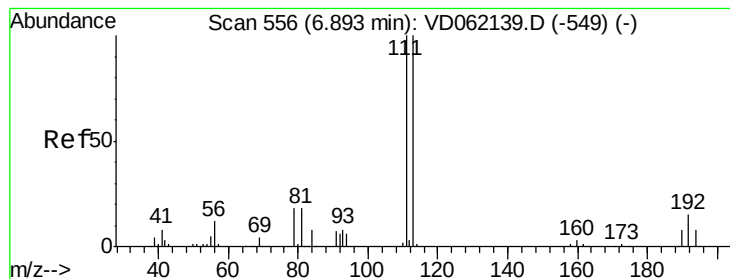
Tot Ion: 65 Resp: 201774
 Ion Ratio Lower Upper
 65 100
 67 45.5 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 693
 Delta R.T. 0.05 min
 Lab File: VD062353.D
 Acq: 14 May 2019 18:20

Tgt Ion: 114 Resp: 515938
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 32.4
 88 19.2 0.0 33.6





#35

Dibromofluoromethane

Concen: 46.697 ug/l

RT: 6.95 min Scan# 562

Delta R.T. 0.06 min

Lab File: VD062353.D

Acq: 14 May 2019 18:20

Instrument :

MSVOA_D

ClientSampleId :

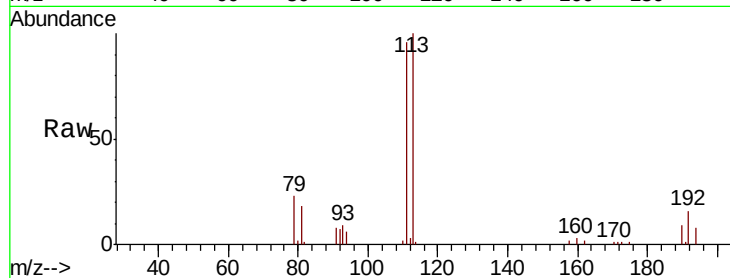
Tot Ion:113 Resp: 199901

Ion Ratio Lower Upper

113 100

111 95.8 78.5 117.7

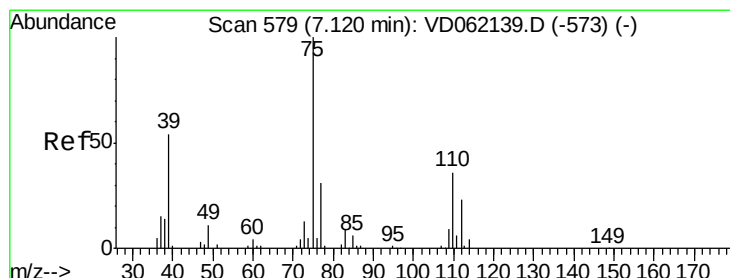
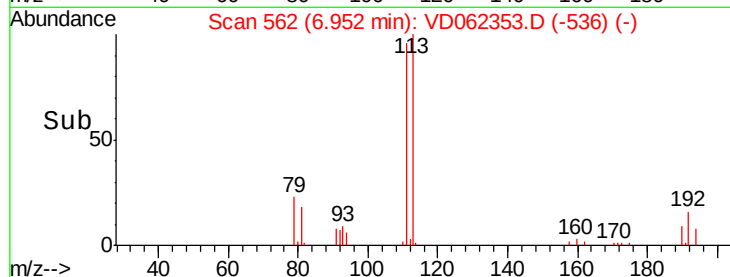
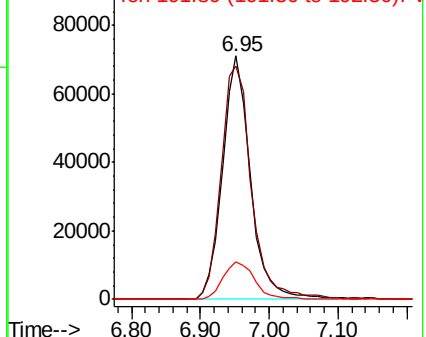
192 15.5 13.0 19.4



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: 5.954 ug/l

RT: 7.07 min Scan# 574

Delta R.T. -0.05 min

Lab File: VD062353.D

Acq: 14 May 2019 18:20

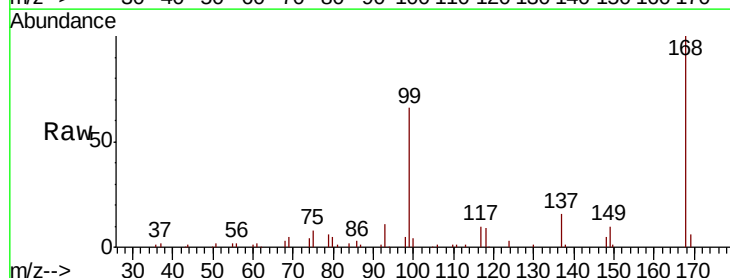
Tgt Ion: 75 Resp: 25186

Ion Ratio Lower Upper

75 100

110 7.8 19.1 57.1#

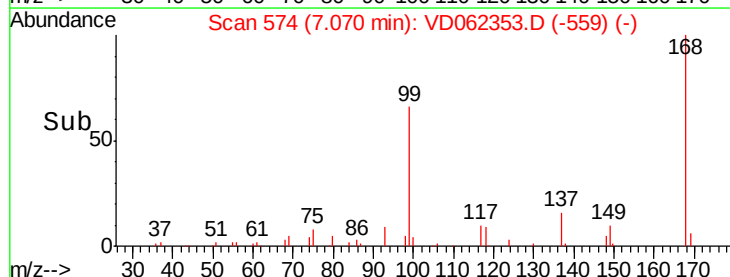
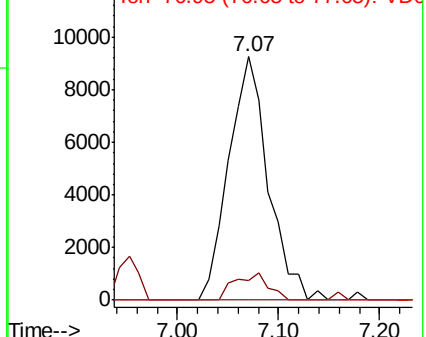
77 0.0 25.6 38.4#

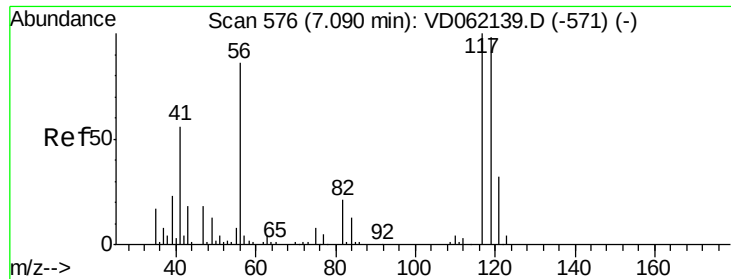


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V





#38

Carbon Tetrachloride

Concen: 5.748 ug/l

RT: 7.07 min Scan# 574

Delta R.T. -0.02 min

Lab File: VD062353.D

Acq: 14 May 2019 18:20

Instrument :

MSVOA_D

ClientSampleId :

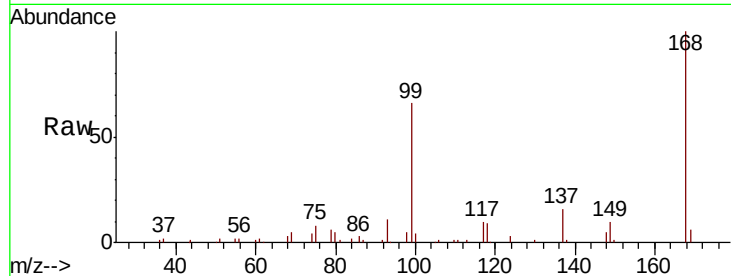
Tot Ion:117 Resp: 33657

Ion Ratio Lower Upper

117 100

119 4.3 75.8 113.8#

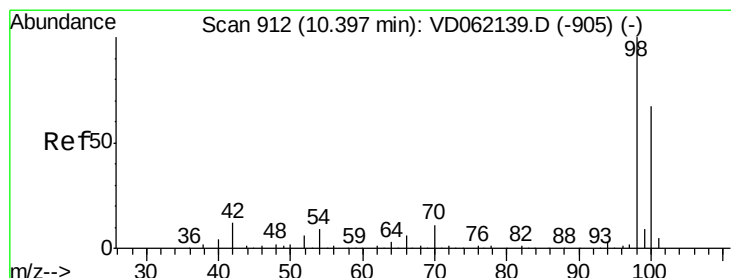
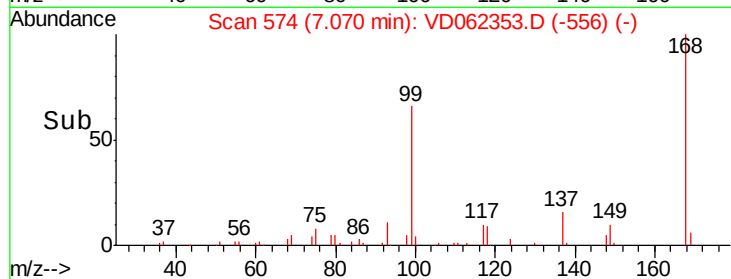
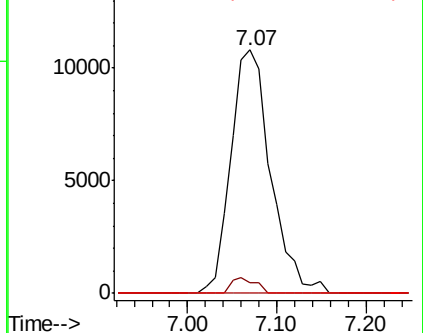
121 0.0 25.9 38.9#



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: 36.311 ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD062353.D

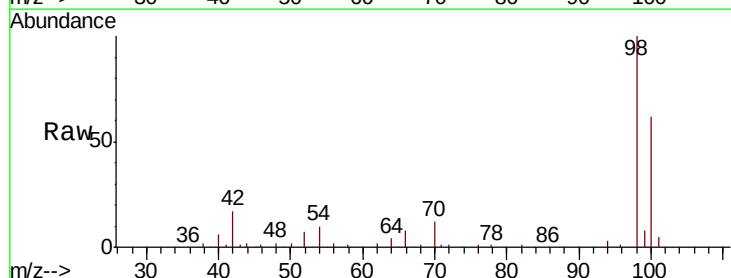
Acq: 14 May 2019 18:20

Tgt Ion: 98 Resp: 374780

Ion Ratio Lower Upper

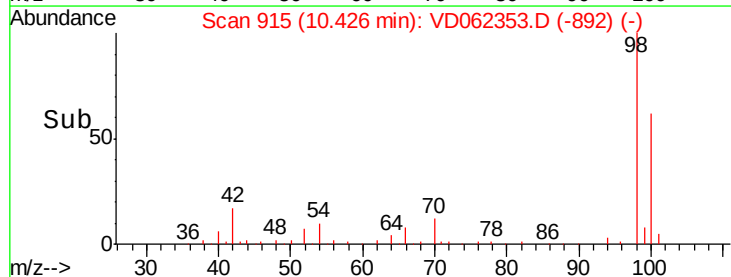
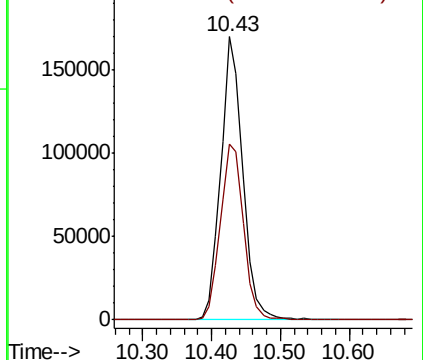
98 100

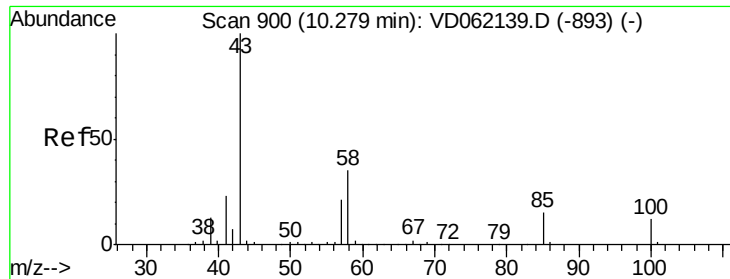
100 62.1 53.8 80.8



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: 1.415 ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.15 min

Lab File: VD062353.D

Acq: 14 May 2019 18:20

Instrument :

MSVOA_D

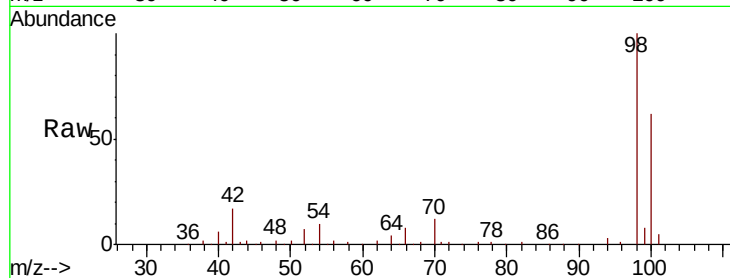
ClientSampleId :

Tot Ion: 43 Resp: 2314

Ion Ratio Lower Upper

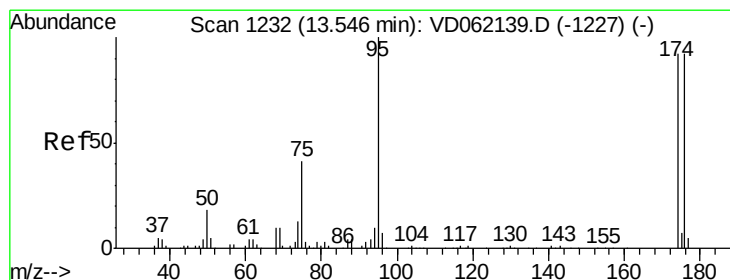
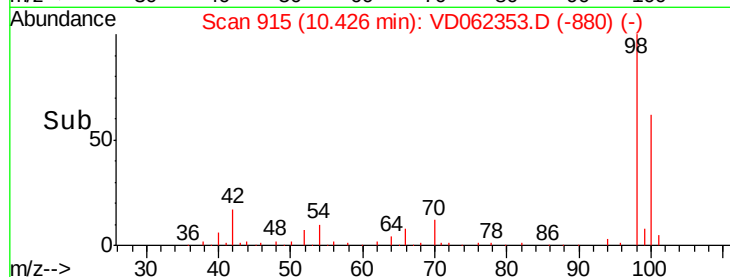
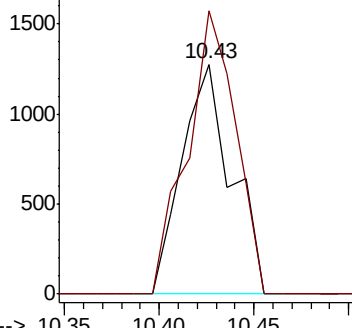
43 100

58 123.2 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: 43.250 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD062353.D

Acq: 14 May 2019 18:20

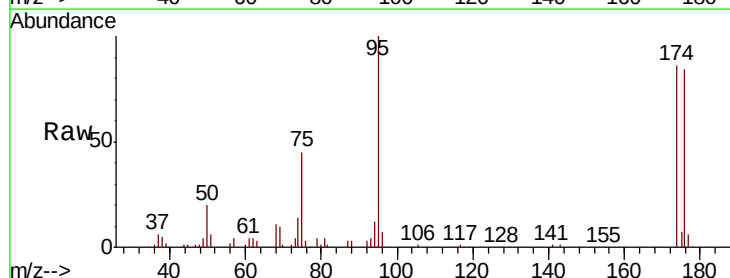
Tgt Ion: 95 Resp: 179258

Ion Ratio Lower Upper

95 100

174 85.8 0.0 181.8

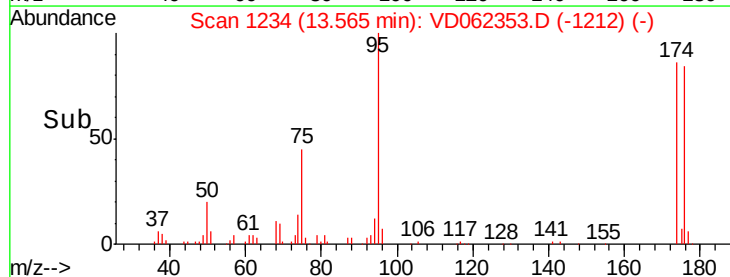
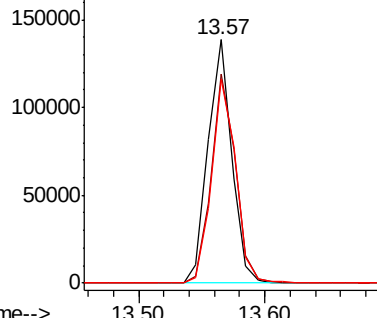
176 83.8 0.0 174.4

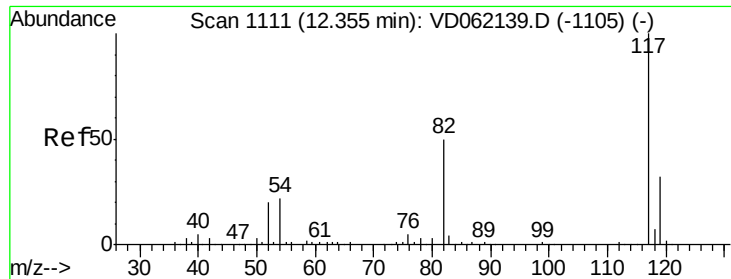


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

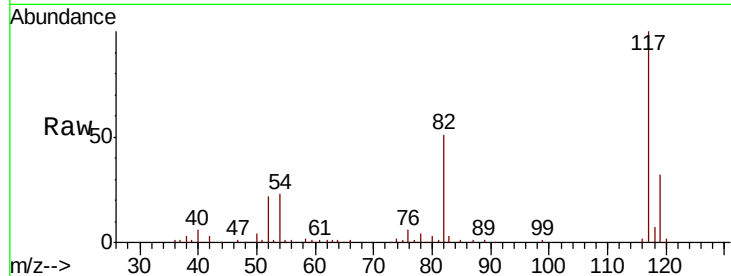




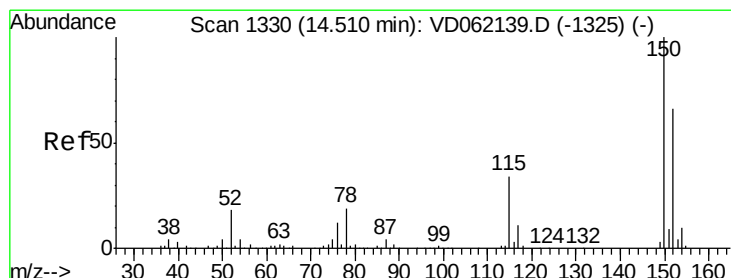
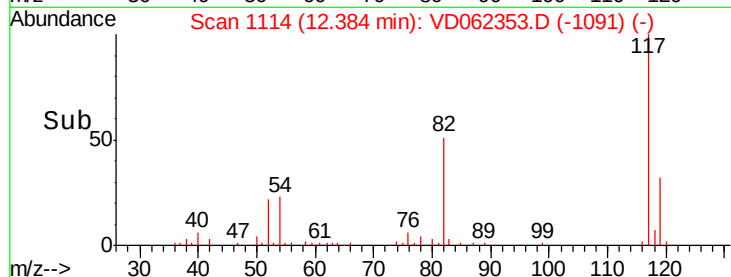
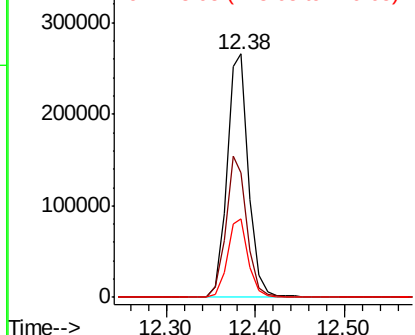
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1114
Delta R.T. 0.03 min
Lab File: VD062353.D
Acq: 14 May 2019 18:20

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 452419
Ion Ratio Lower Upper
117 100
82 51.4 36.2 54.2
119 32.1 26.2 39.4

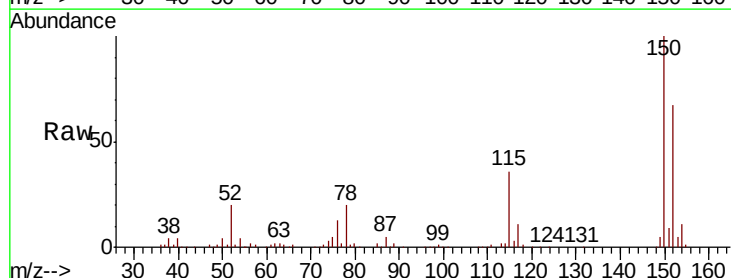


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

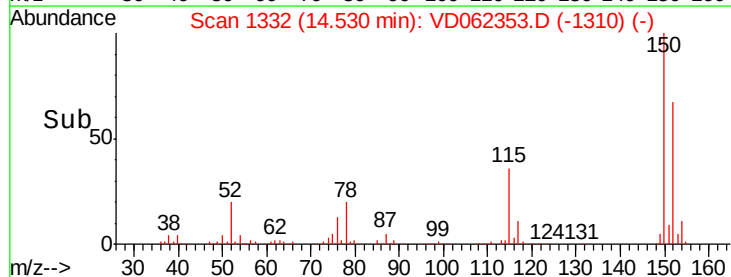
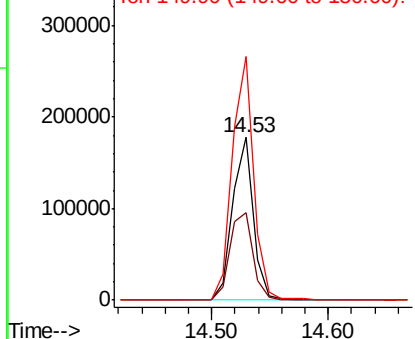


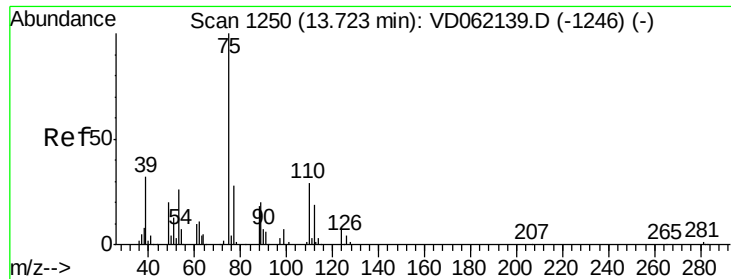
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1332
Delta R.T. 0.02 min
Lab File: VD062353.D
Acq: 14 May 2019 18:20

Tgt Ion:152 Resp: 218208
Ion Ratio Lower Upper
152 100
115 54.1 30.9 92.7
150 149.9 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

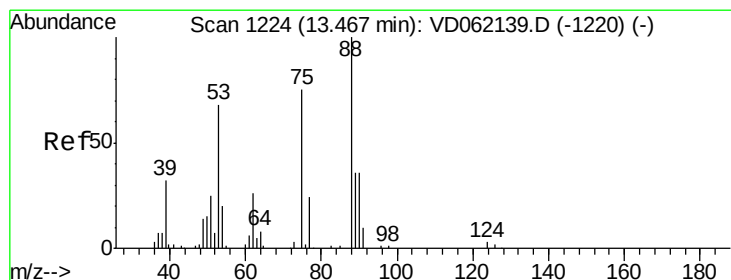
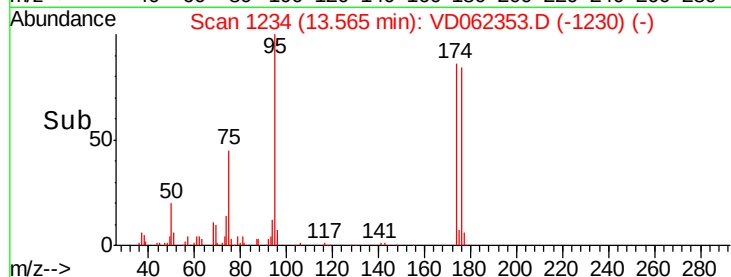
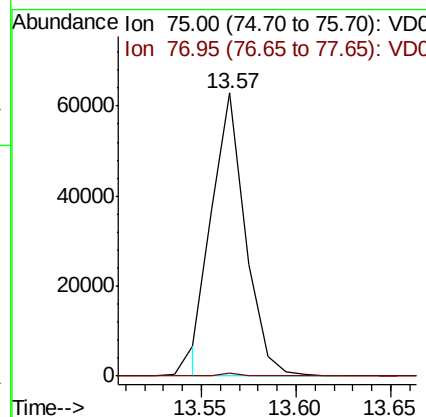
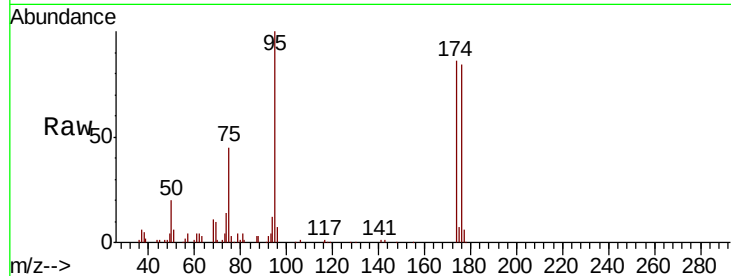




#76
 1,2,3-Trichloropropane
 Concen: 29.729 ug/l
 RT: 13.57 min Scan# 1234
 Delta R.T. -0.16 min
 Lab File: VD062353.D
 Acq: 14 May 2019 18:20

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 75 Resp: 77095
 Ion Ratio Lower Upper
 75 100
 77 1.0 16.4 49.4#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.878 ug/l
 RT: 13.57 min Scan# 1234
 Delta R.T. 0.10 min
 Lab File: VD062353.D
 Acq: 14 May 2019 18:20

Tgt Ion: 75 Resp: 81172
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.8 98.8#
 89 0.0 35.0 52.6#

