

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062019\
 Data File : VD062786.D
 Acq On : 20 Jun 2019 11:34
 Operator : VA/AP
 Sample : VD0620SBL01
 Misc : 5.00µg/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 21 06:32:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

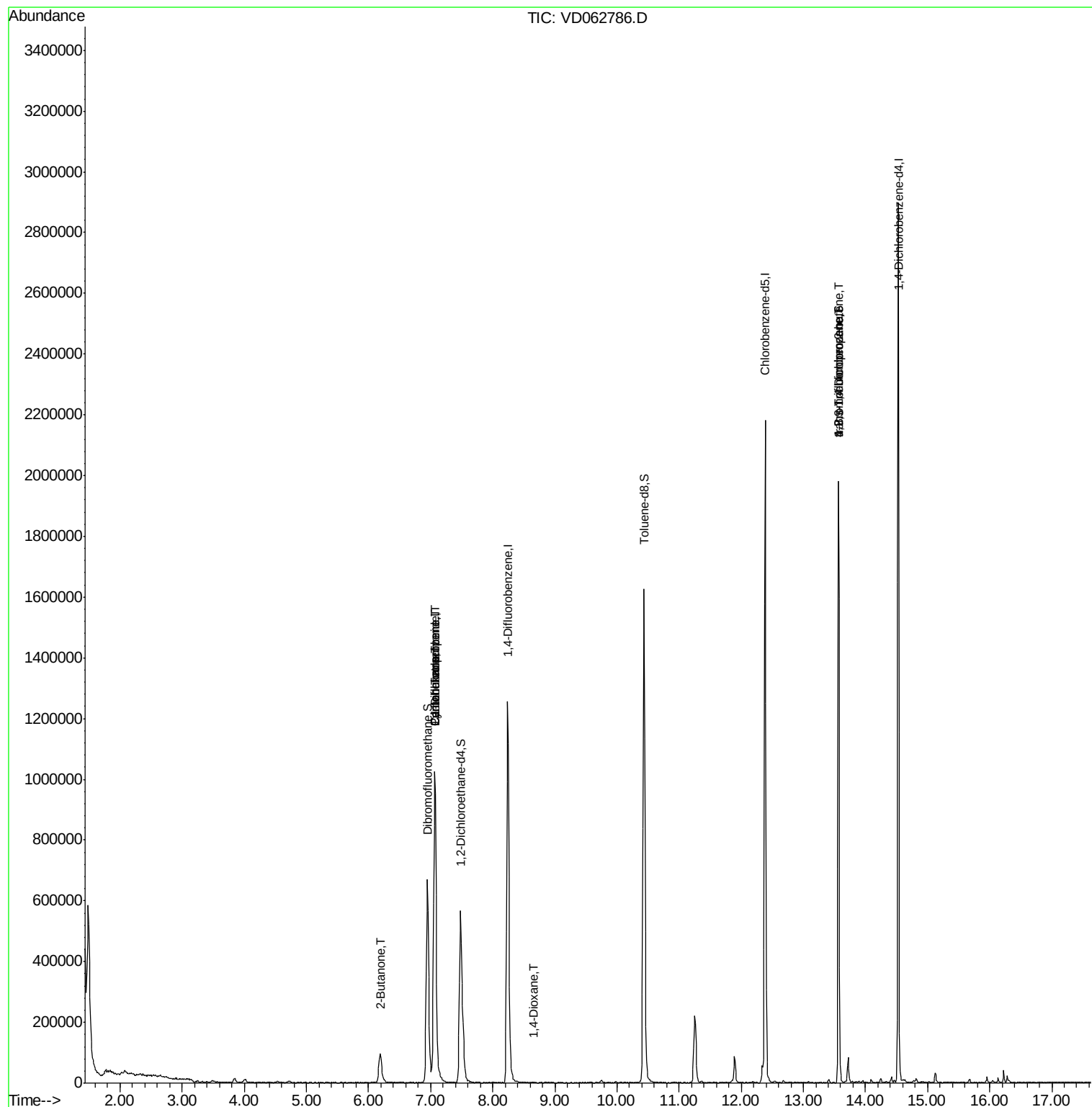
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	1008722	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.24	114	1356252	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	1124085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	593949	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	552002	50.34	ug/l	0.02
Spiked Amount 50.000			Recovery	=	100.68%	
35) Dibromofluoromethane	6.95	113	570195	49.86	ug/l	0.02
Spiked Amount 50.000			Recovery	=	99.72%	
50) Toluene-d8	10.44	98	1328364	53.37	ug/l	0.02
Spiked Amount 50.000			Recovery	=	106.74%	
62) 4-Bromofluorobenzene	13.57	95	553647	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
Target Compounds						
16) Acetone	3.25	43	6169	Below Cal		97
25) 2-Butanone	6.19	43	10027	4.889 ug/l #		64
31) Cyclohexane	7.06	56	25886	2.514 ug/l #		10
36) 1,1-Dichloropropene	7.07	75	81315	6.334 ug/l #		56
38) Carbon Tetrachloride	7.07	117	103134	5.341 ug/l #		15
49) 1,4-Dioxane	8.66	88	193	4.850 ug/l #		29
76) 1,2,3-Trichloropropane	13.57	75	214940	31.347 ug/l #		46
81) trans-1,4-Dichloro-2-buten	13.57	75	267711	148.973 ug/l #		2

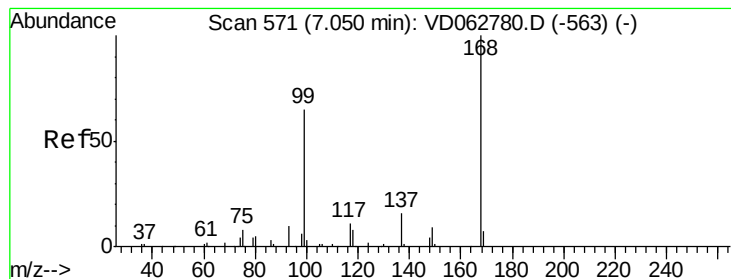
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062019\
Data File : VD062786.D
Acq On : 20 Jun 2019 11:34
Operator : VA/AP
Sample : VD0620SBL01
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jun 21 06:32:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.02 min

Lab File: VD062786.D

Acq: 20 Jun 2019 11:34

Instrument :

MSVOA_D

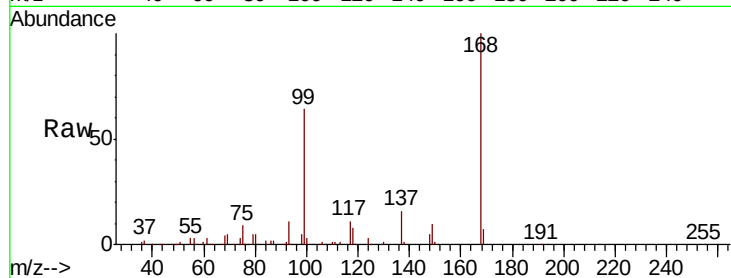
ClientSampleId :

Tot Ion:168 Resp: 1008722

Ion Ratio Lower Upper

168 100

99 64.4 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.07

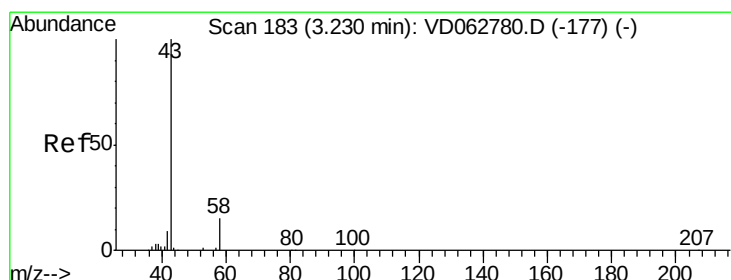
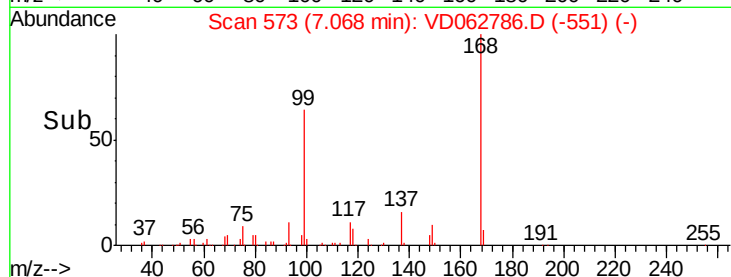
300000

200000

100000

0

Time-->



#16

Acetone

Concen: Below Cal

RT: 3.25 min Scan# 185

Delta R.T. 0.02 min

Lab File: VD062786.D

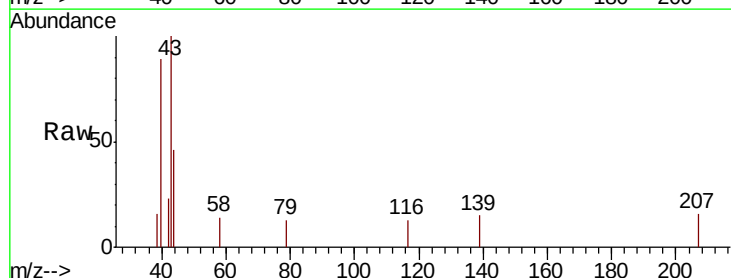
Acq: 20 Jun 2019 11:34

Tgt Ion: 43 Resp: 6169

Ion Ratio Lower Upper

43 100

58 13.8 11.9 17.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.25

2500

2000

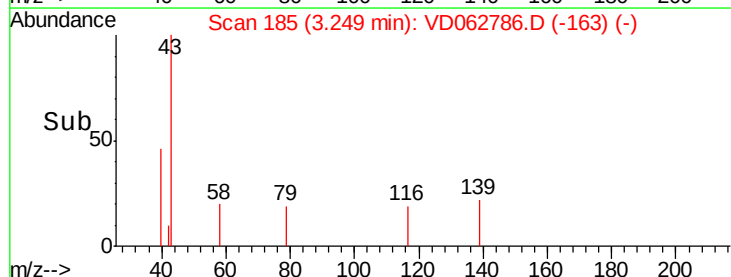
1500

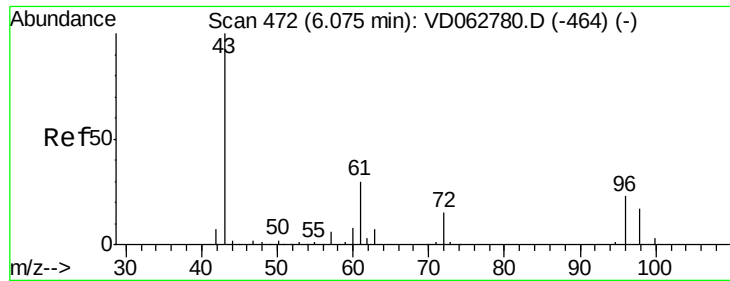
1000

500

0

Time-->





#25

2-Butanone

Concen: 4.889 ug/l

RT: 6.19 min Scan# 484

Delta R.T. 0.12 min

Lab File: VD062786.D

Acq: 20 Jun 2019 11:34

Instrument :

MSVOA_D

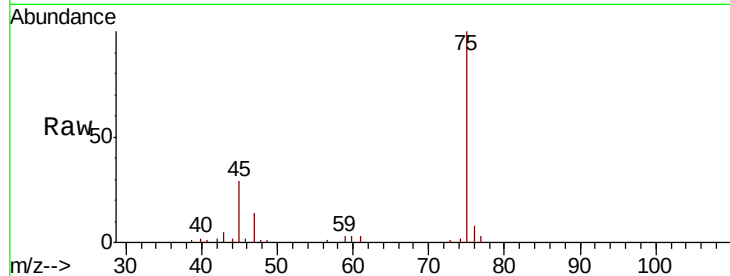
ClientSampleId :

Tot Ion: 43 Resp: 10027

Ion Ratio Lower Upper

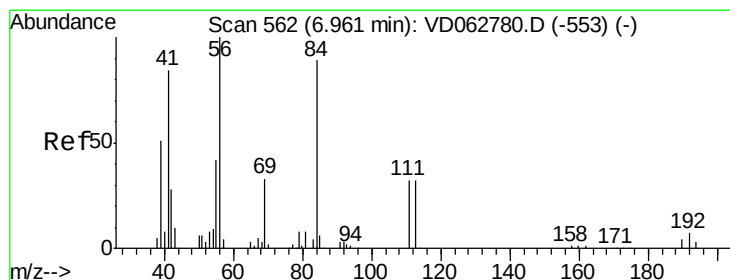
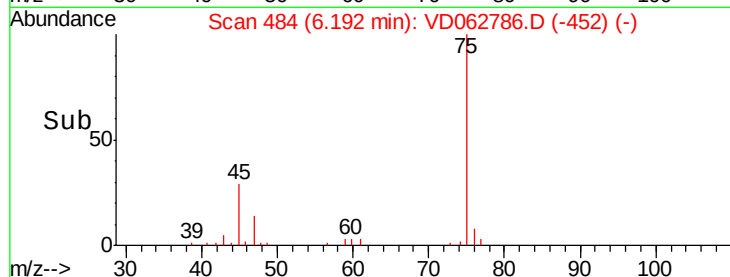
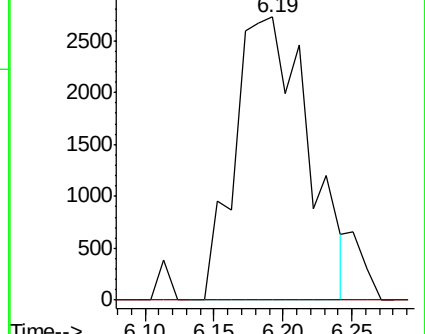
43 100

72 0.0 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#31

Cyclohexane

Concen: 2.514 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.10 min

Lab File: VD062786.D

Acq: 20 Jun 2019 11:34

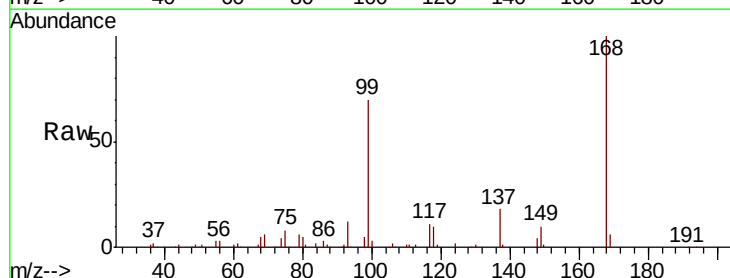
Tgt Ion: 56 Resp: 25886

Ion Ratio Lower Upper

56 100

69 170.4 26.6 39.8#

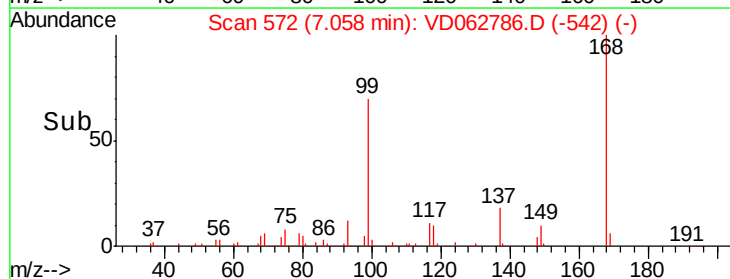
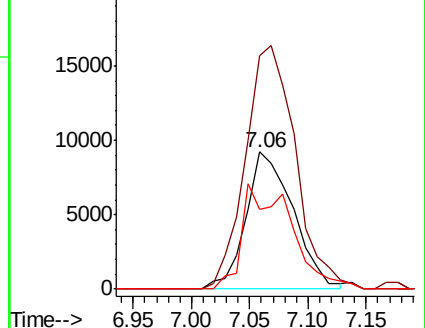
84 58.6 75.5 113.3#

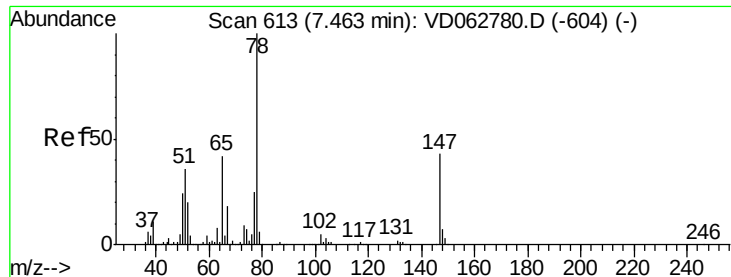


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC

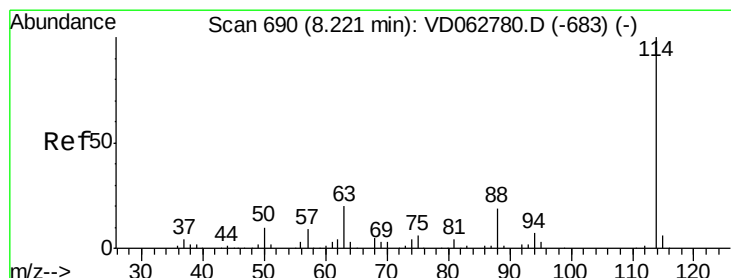
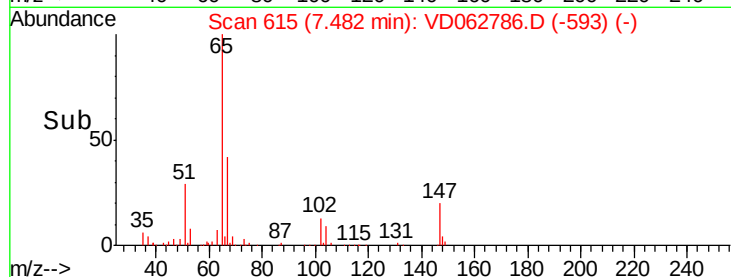
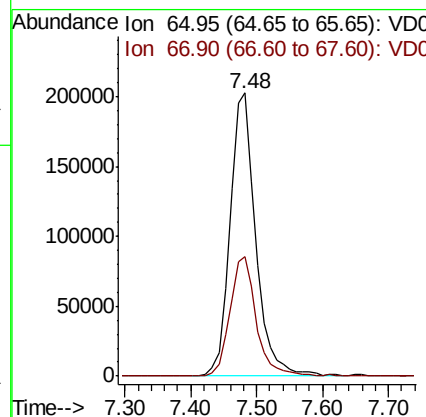
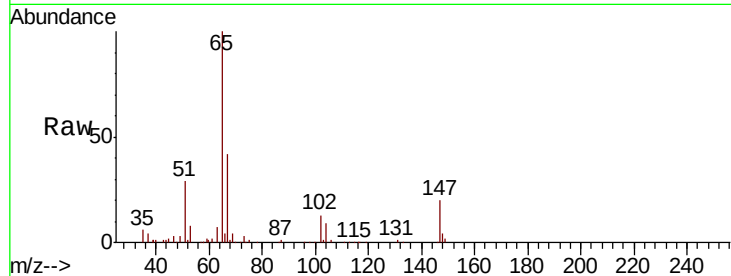




#33
 1,2-Dichloroethane-d4
 Concen: 50.344 ug/l
 RT: 7.48 min Scan# 615
 Delta R.T. 0.02 min
 Lab File: VD062786.D
 Acq: 20 Jun 2019 11:34

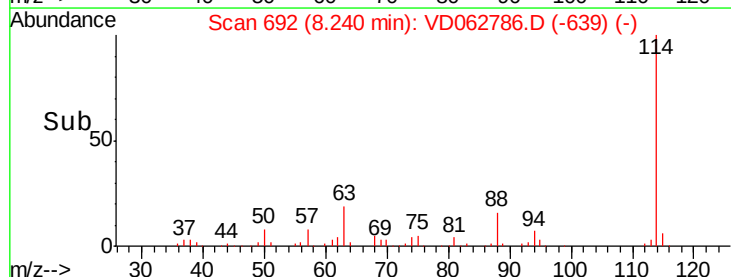
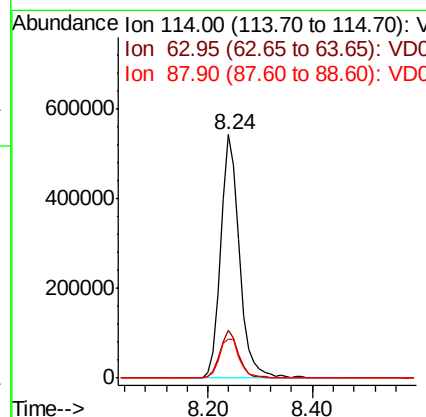
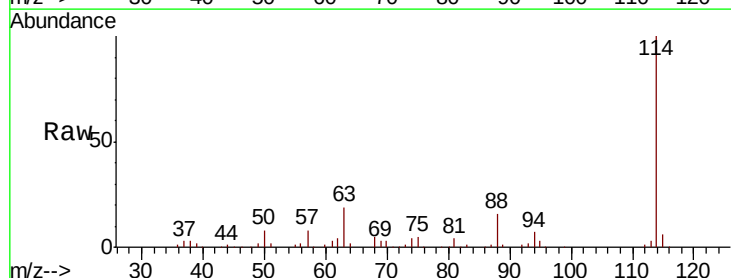
Instrument :
 MSVOA_D
 ClientSampleID :

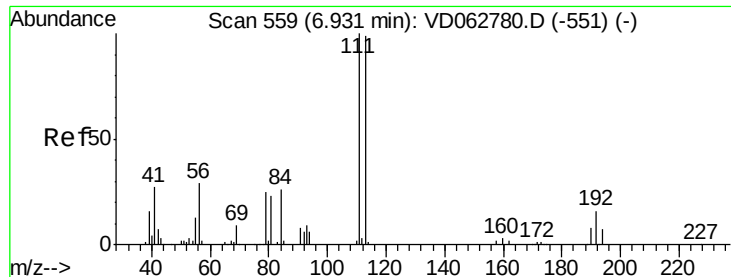
Tot Ion: 65 Resp: 552002
 Ion Ratio Lower Upper
 65 100
 67 42.4 0.0 87.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.02 min
 Lab File: VD062786.D
 Acq: 20 Jun 2019 11:34

Tgt Ion: 114 Resp: 1356252
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.0
 88 15.9 0.0 38.8

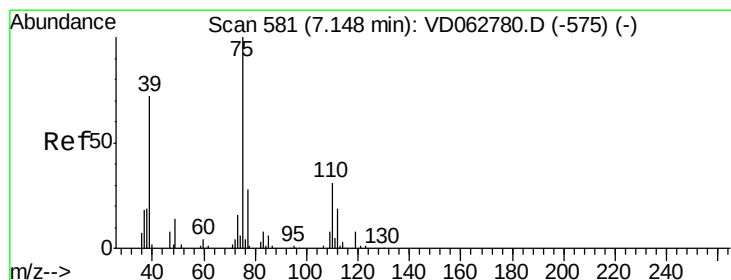
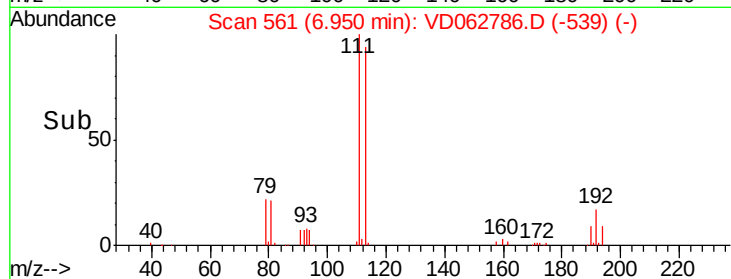
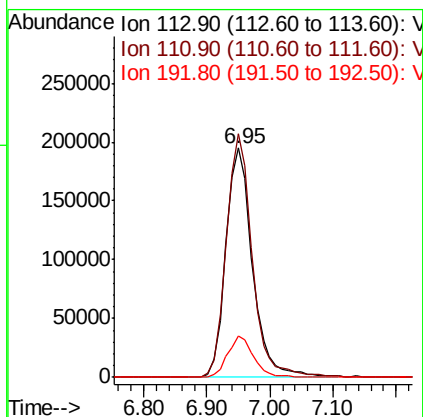
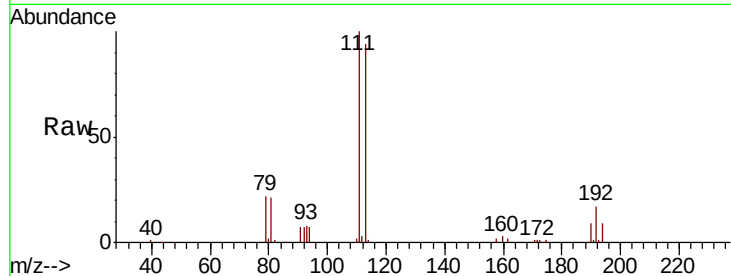




#35
 Dibromofluoromethane
 Concen: 49.860 ug/l
 RT: 6.95 min Scan# 561
 Delta R.T. 0.02 min
 Lab File: VD062786.D
 Acq: 20 Jun 2019 11:34

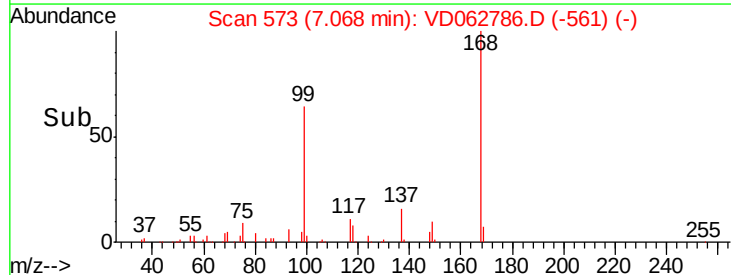
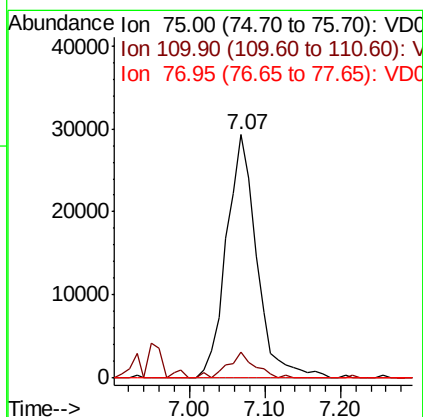
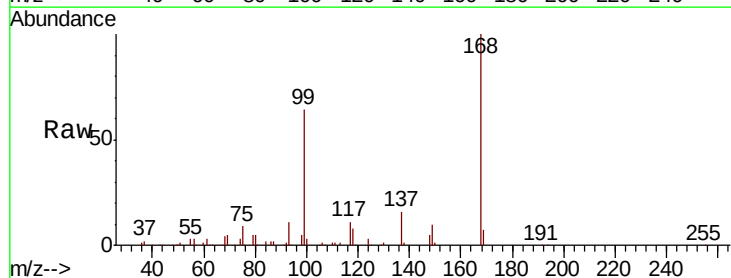
Instrument :
 MSVOA_D
 ClientSampled :

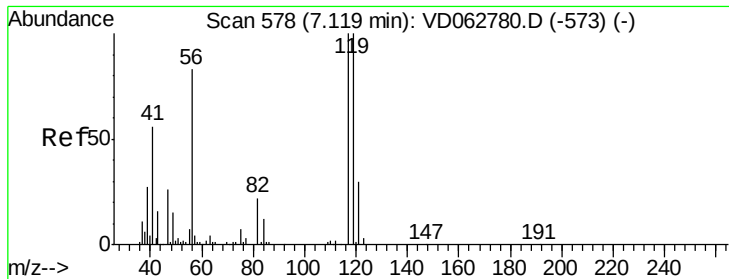
Tot Ion	Ratio	Lower	Upper
113	100		
111	106.1	81.2	121.8
192	18.1	12.9	19.3



#36
 1,1-Dichloropropene
 Concen: 6.334 ug/l
 RT: 7.07 min Scan# 573
 Delta R.T. -0.08 min
 Lab File: VD062786.D
 Acq: 20 Jun 2019 11:34

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.9	15.0	45.1#
77	0.0	22.2	33.2#





#38

Carbon Tetrachloride

Concen: 5.341 ug/l

RT: 7.07 min Scan# 573

Delta R.T. -0.05 min

Lab File: VD062786.D

Acq: 20 Jun 2019 11:34

Instrument :

MSVOA_D

ClientSampleId :

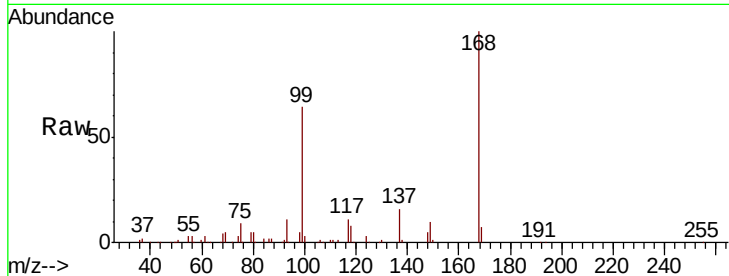
Tot Ion:117 Resp: 103134

Ion Ratio Lower Upper

117 100

119 2.6 75.4 113.2#

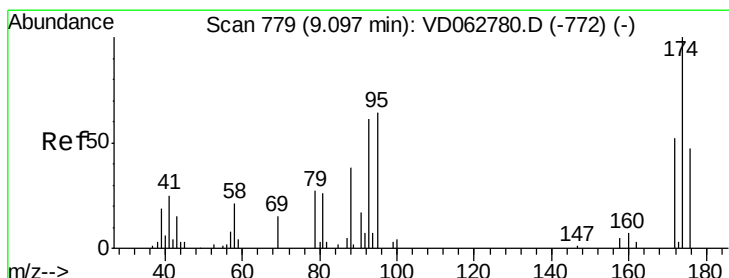
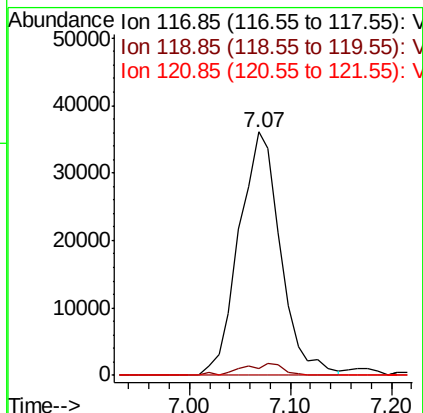
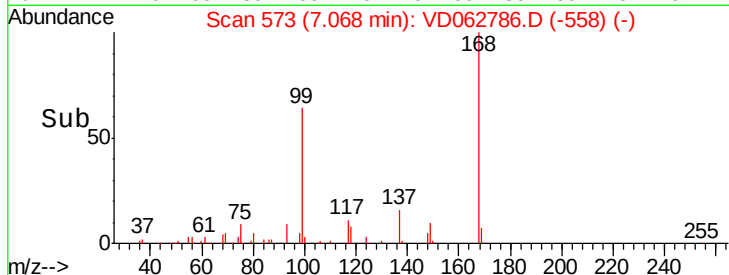
121 0.0 22.3 33.5#



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



#49

1,4-Dioxane

Concen: 4.850 ug/l

RT: 8.66 min Scan# 735

Delta R.T. -0.43 min

Lab File: VD062786.D

Acq: 20 Jun 2019 11:34

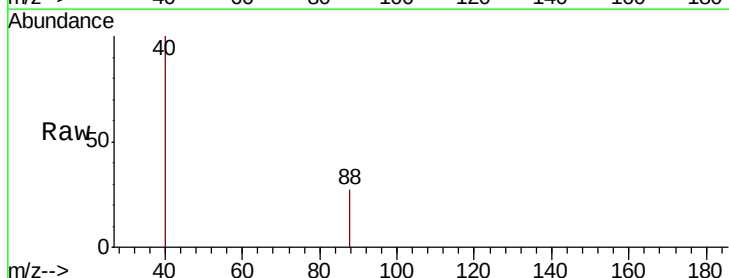
Tgt Ion: 88 Resp: 193

Ion Ratio Lower Upper

88 100

43 0.0 32.1 48.1#

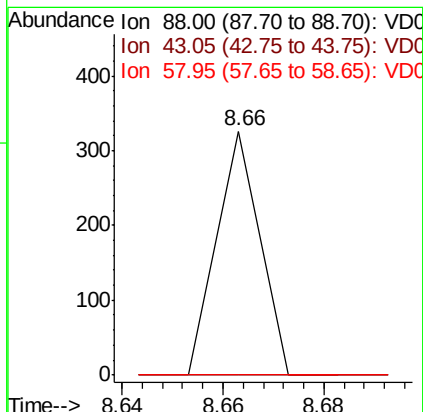
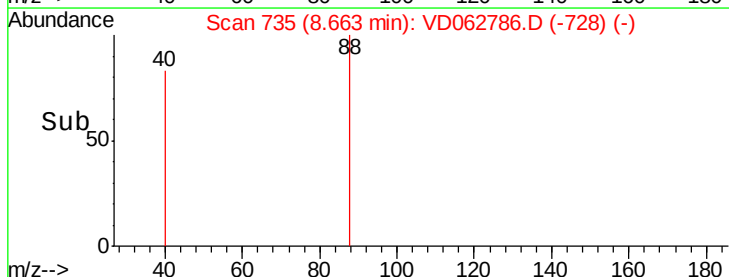
58 0.0 44.1 66.1#

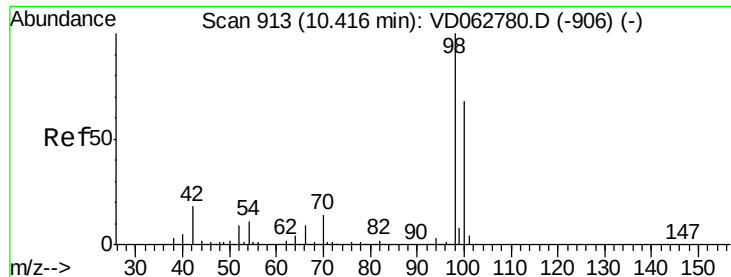


Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 57.95 (57.65 to 58.65): VDC

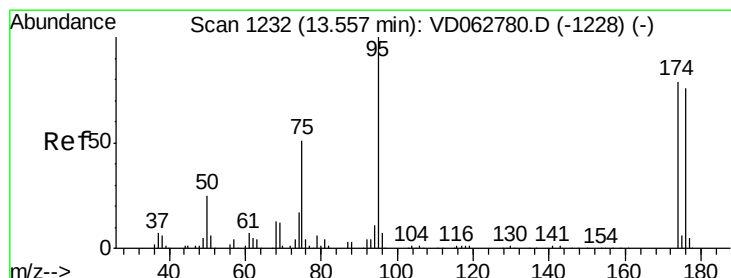
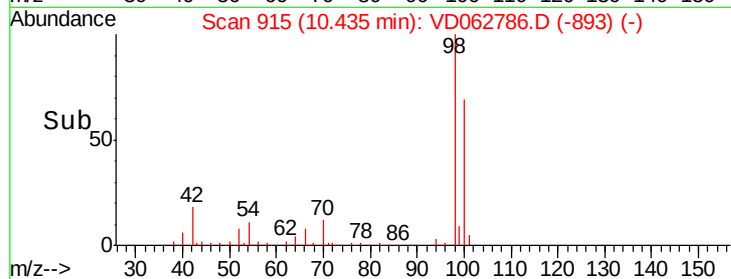
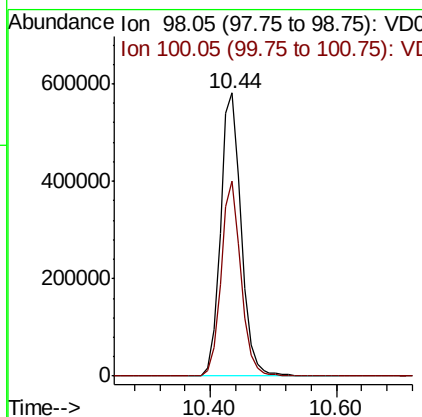
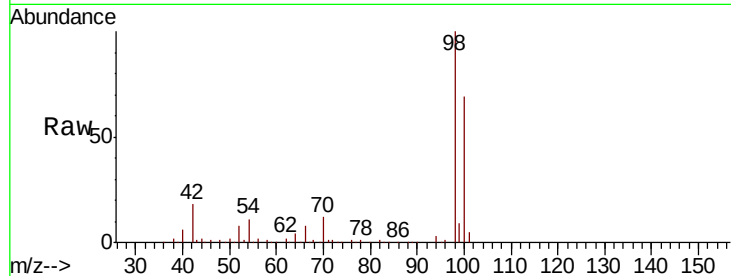




#50
Toluene-d8
Concen: 53.370 ug/l
RT: 10.44 min Scan# 915
Delta R.T. 0.02 min
Lab File: VD062786.D
Acq: 20 Jun 2019 11:34

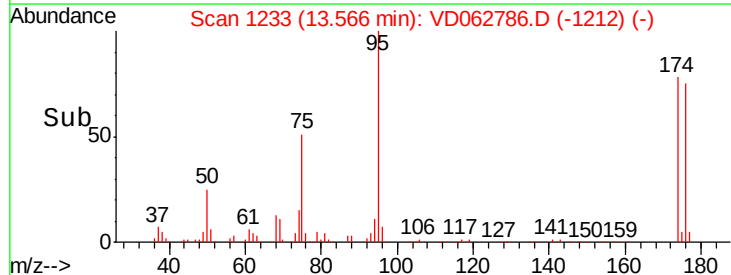
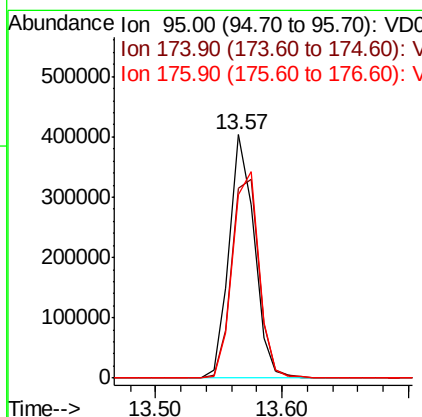
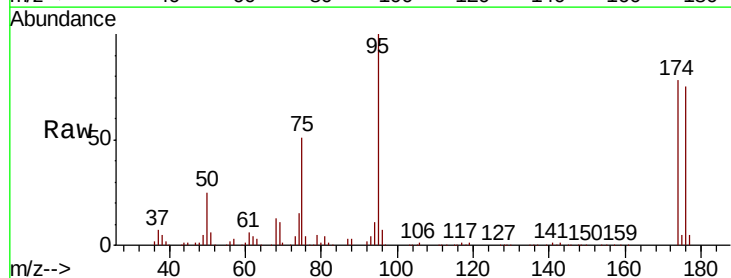
Instrument :
MSVOA_D
ClientSampleId :

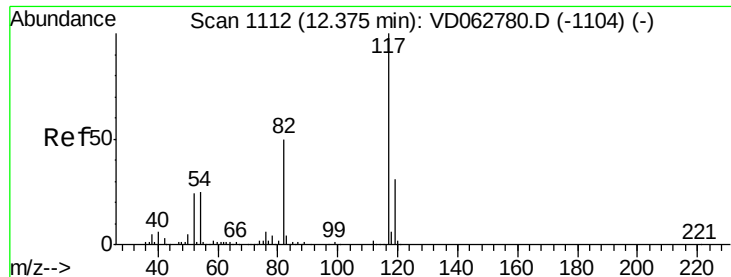
Tot Ion: 98 Resp: 1328364
Ion Ratio Lower Upper
98 100
100 68.9 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 48.919 ug/l
RT: 13.57 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062786.D
Acq: 20 Jun 2019 11:34

Tgt Ion: 95 Resp: 553647
Ion Ratio Lower Upper
95 100
174 78.1 0.0 158.0
176 75.4 0.0 151.6

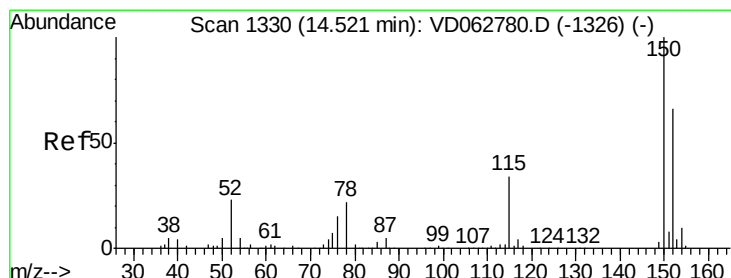
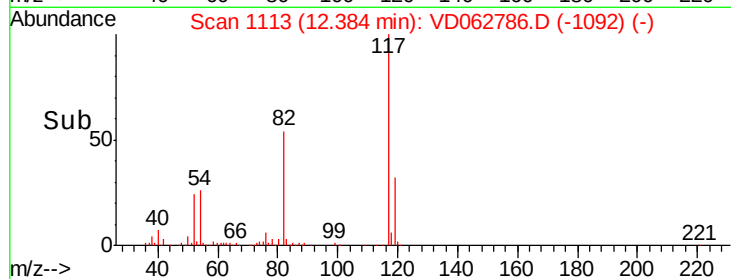
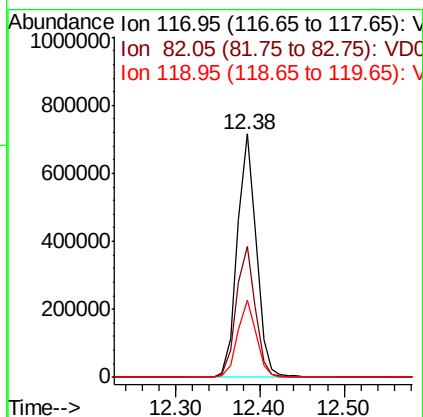
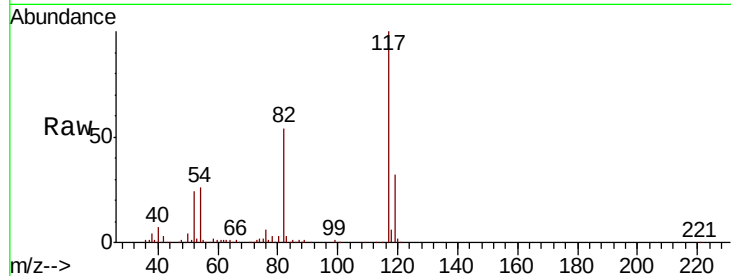




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VD062786.D
Acq: 20 Jun 2019 11:34

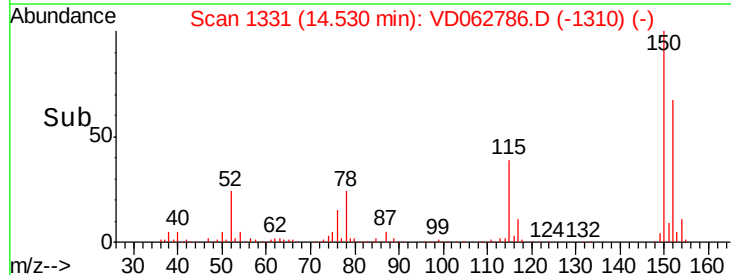
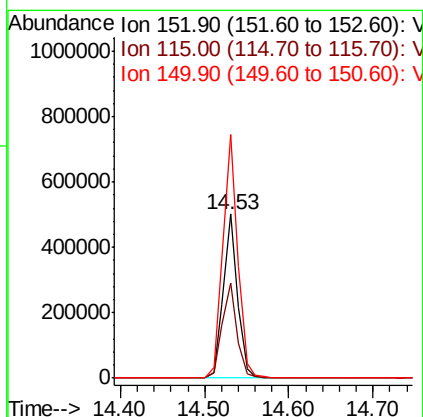
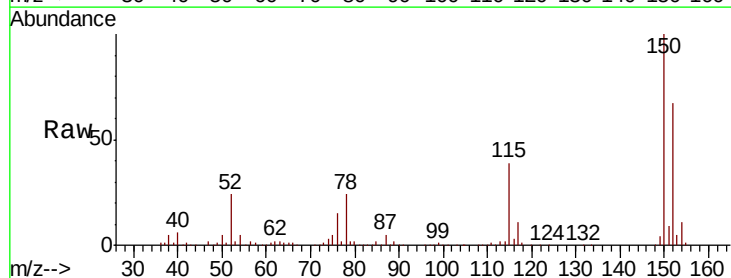
Instrument :
MSVOA_D
ClientSampled :

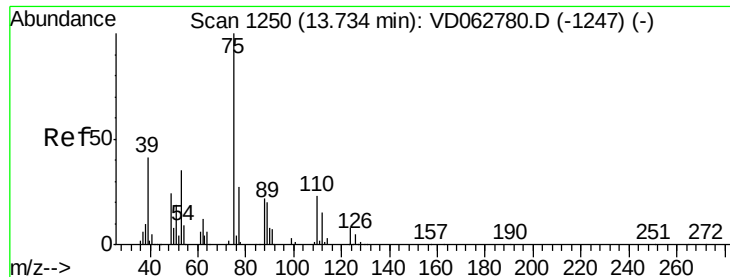
Tot Ion:117 Resp: 1124085
Ion Ratio Lower Upper
117 100
82 53.7 40.4 60.6
119 31.9 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062786.D
Acq: 20 Jun 2019 11:34

Tgt Ion:152 Resp: 593949
Ion Ratio Lower Upper
152 100
115 58.2 29.2 87.6
150 148.6 0.0 305.8





#76

1,2,3-Trichloropropane

Concen: 31.347 ug/l

RT: 13.57 min Scan# 1233

Delta R.T. -0.17 min

Lab File: VD062786.D

Acq: 20 Jun 2019 11:34

Instrument :

MSVOA_D

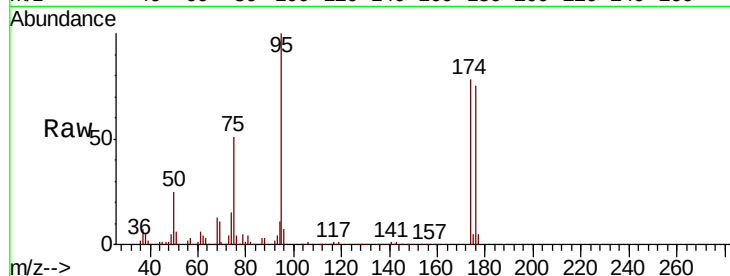
ClientSampleId :

Tot Ion: 75 Resp: 214940

Ion Ratio Lower Upper

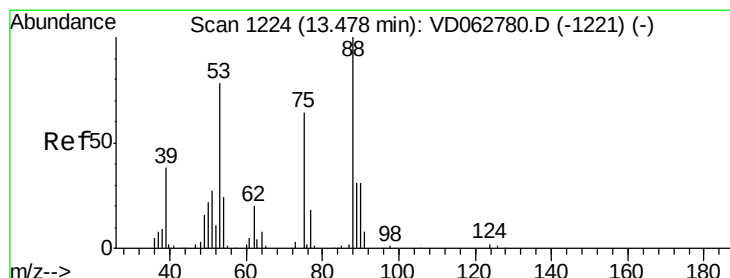
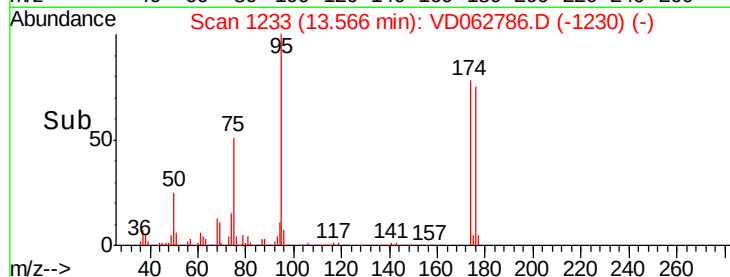
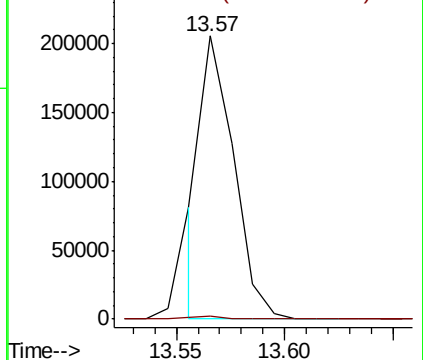
75 100

77 0.9 15.0 45.1#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 148.973 ug/l

RT: 13.57 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD062786.D

Acq: 20 Jun 2019 11:34

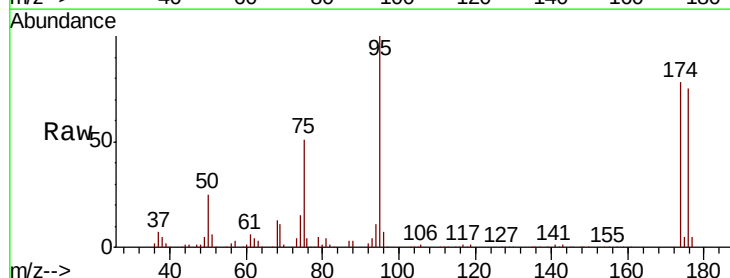
Tgt Ion: 75 Resp: 267711

Ion Ratio Lower Upper

75 100

53 0.0 97.8 146.8#

89 0.0 39.4 59.2#



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

