

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062119\
 Data File : VD062807.D
 Acq On : 21 Jun 2019 10:52
 Operator : VA/AP
 Sample : VD0621SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0621SBL01

Quant Time: Jun 22 04:11:43 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

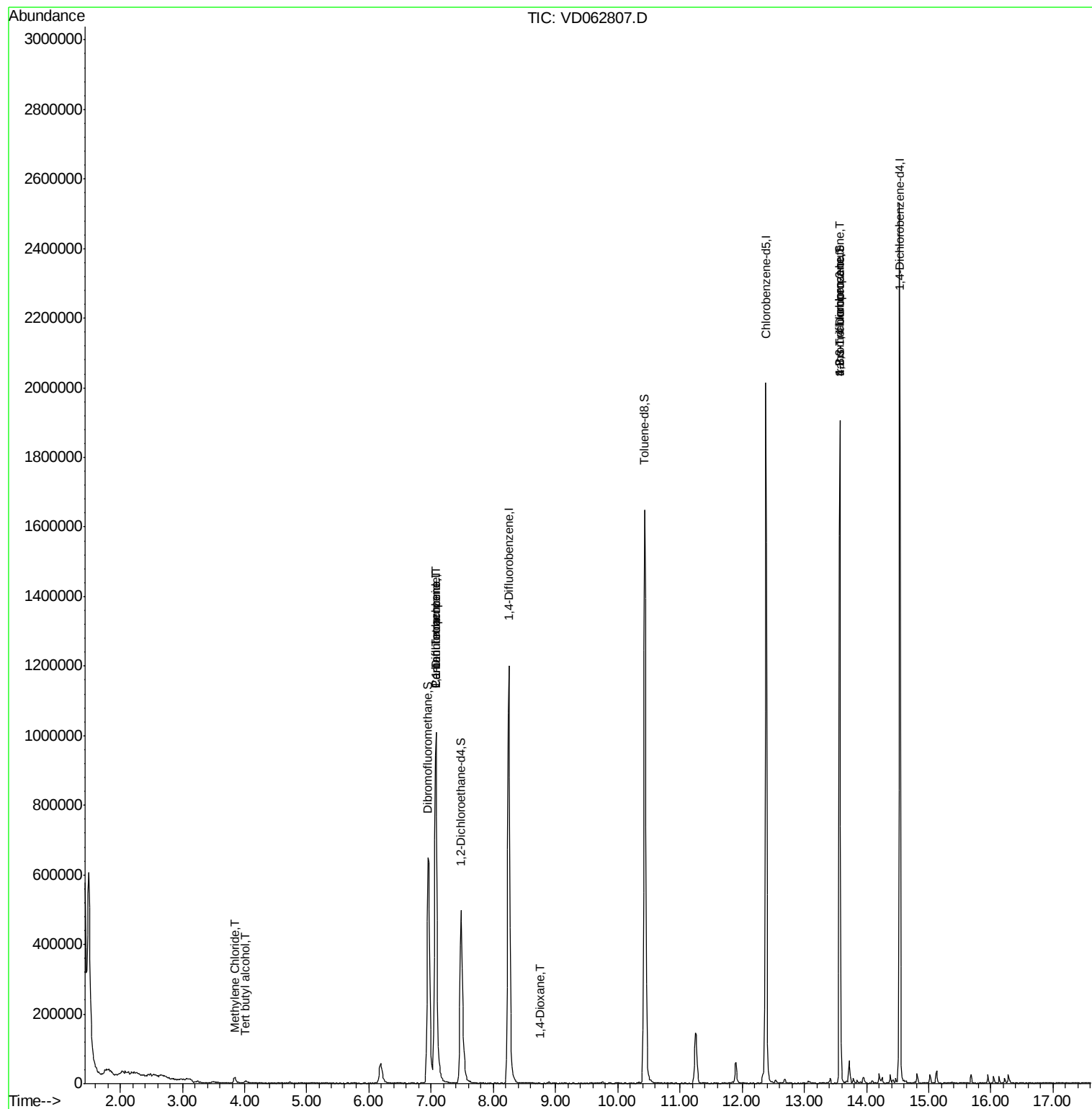
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.08	168	949108	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.25	114	1246324	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	1030834	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	544396	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	550644	53.37	ug/l	0.02
Spiked Amount 50.000			Recovery	=	106.74%	
35) Dibromofluoromethane	6.95	113	587280	55.88	ug/l	0.02
Spiked Amount 50.000			Recovery	=	111.76%	
50) Toluene-d8	10.43	98	1307446	57.16	ug/l	0.02
Spiked Amount 50.000			Recovery	=	114.32%	
62) 4-Bromofluorobenzene	13.57	95	543556	52.26	ug/l	0.02
Spiked Amount 50.000			Recovery	=	104.52%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.01	59	5614	11.948	ug/l #	77
16) Acetone	3.25	43	8548	Below Cal	#	64
20) Methylene Chloride	3.85	84	9106	1.157	ug/l #	66
36) 1,1-Dichloropropene	7.08	75	78915	6.689	ug/l #	55
37) Ethyl Acetate	6.20	43	5280	Below Cal	#	52
38) Carbon Tetrachloride	7.08	117	101461	5.718	ug/l #	16
49) 1,4-Dioxane	8.75	88	194	5.305	ug/l #	29
76) 1,2,3-Trichloropropane	13.57	75	233998	37.233	ug/l #	48
81) trans-1,4-Dichloro-2-buten	13.57	75	257250	156.182	ug/l #	2

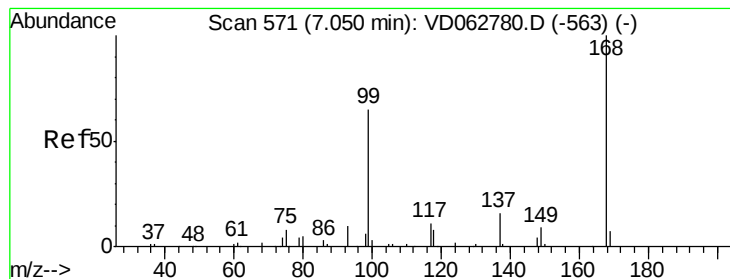
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062119\
Data File : VD062807.D
Acq On : 21 Jun 2019 10:52
Operator : VA/AP
Sample : VD0621SBL01
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0621SBL01

Quant Time: Jun 22 04:11:43 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: 7.08 min Scan# 574

Delta R.T. 0.03 min

Lab File: VD062807.D

Acq: 21 Jun 2019 10:52

Instrument :

MSVOA_D

ClientSampleId :

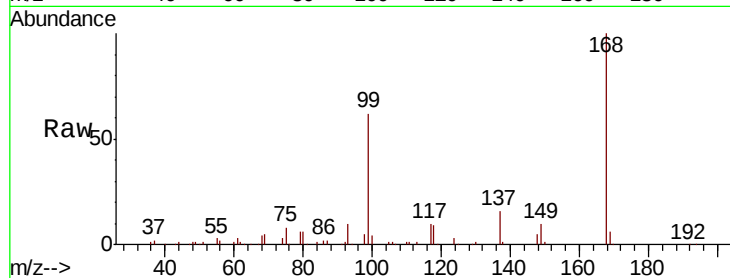
VD0621SBL01

Tot Ion:168 Resp: 949108

Ion Ratio Lower Upper

168 100

99 61.7 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.08

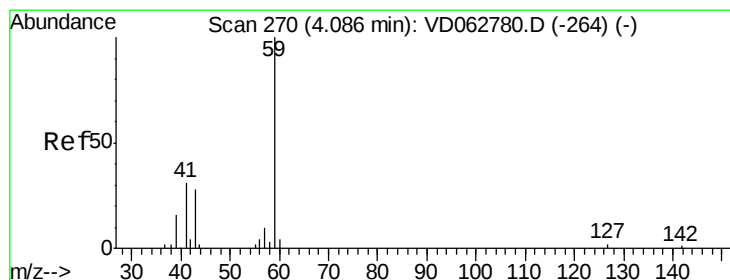
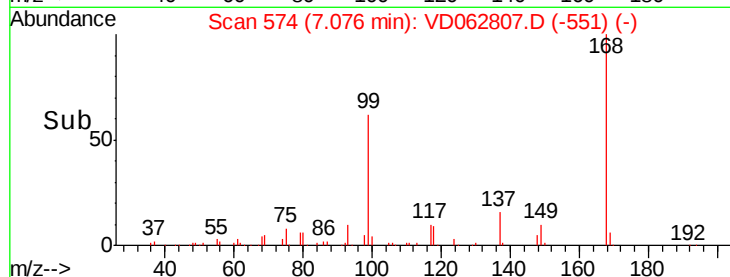
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 11.948 ug/l

RT: 4.01 min Scan# 263

Delta R.T. -0.07 min

Lab File: VD062807.D

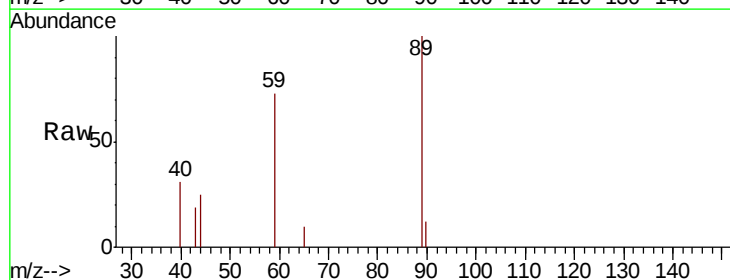
Acq: 21 Jun 2019 10:52

Tgt Ion: 59 Resp: 5614

Ion Ratio Lower Upper

59 100

57 0.0 6.6 10.0#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC

4.01

2500

2000

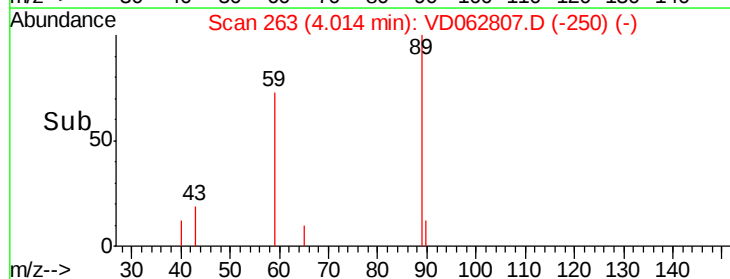
1500

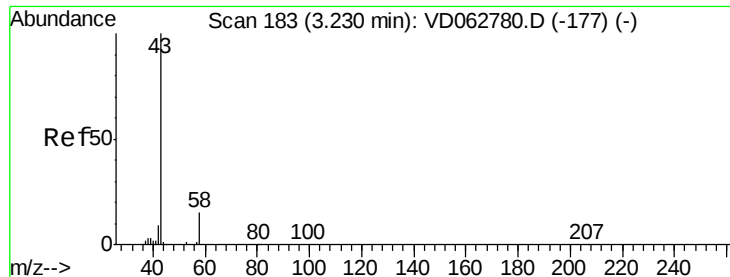
1000

500

0

Time-->





#16

Acetone

Concen: Below Cal

RT: 3.25 min Scan# 185

Delta R.T. 0.02 min

Lab File: VD062807.D

Acq: 21 Jun 2019 10:52

Instrument :

MSVOA_D

ClientSampleId :

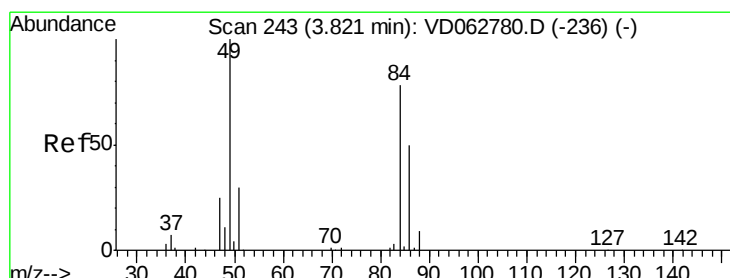
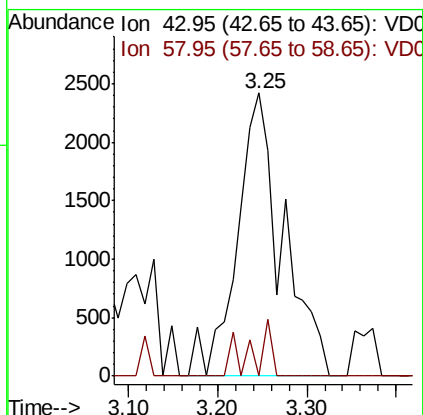
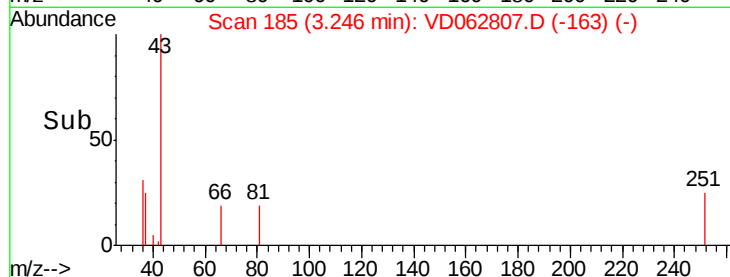
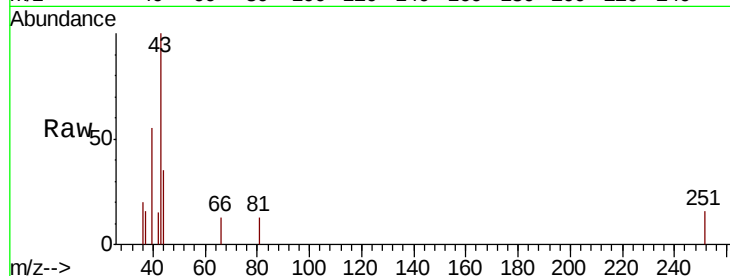
VD0621SBL01

Tot Ion: 43 Resp: 8548

Ion Ratio Lower Upper

43 100

58 0.0 11.9 17.9#



#20

Methylene Chloride

Concen: 1.157 ug/l

RT: 3.85 min Scan# 246

Delta R.T. 0.03 min

Lab File: VD062807.D

Acq: 21 Jun 2019 10:52

Tgt Ion: 84 Resp: 9106

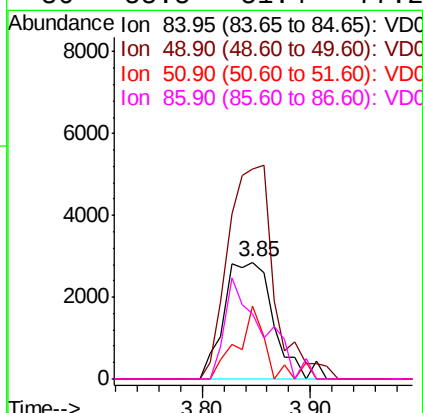
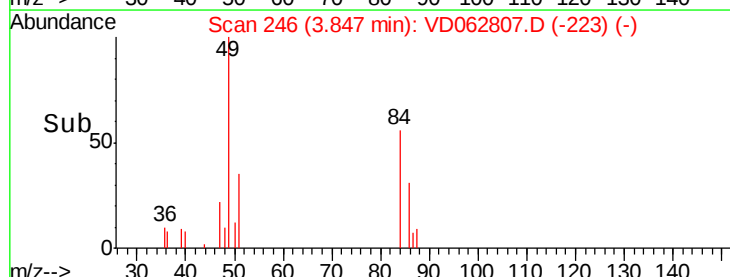
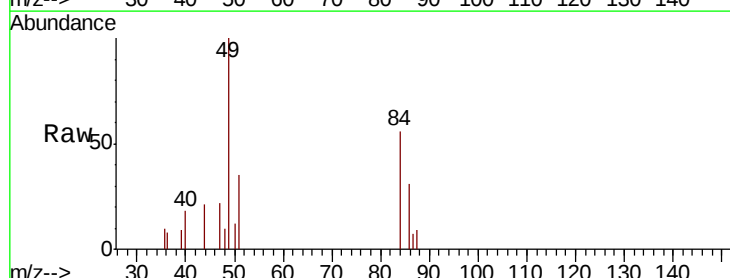
Ion Ratio Lower Upper

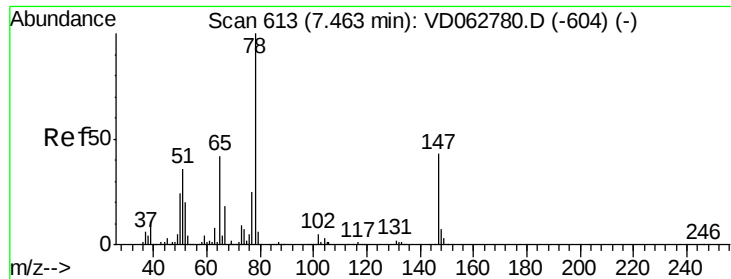
84 100

49 180.1 102.9 154.3#

51 62.6 31.2 46.8#

86 55.5 51.4 77.2





#33

1,2-Dichloroethane-d4

Concen: 53.374 ug/l

RT: 7.48 min Scan# 615

Delta R.T. 0.02 min

Lab File: VD062807.D

Acq: 21 Jun 2019 10:52

Instrument :

MSVOA_D

ClientSampleId :

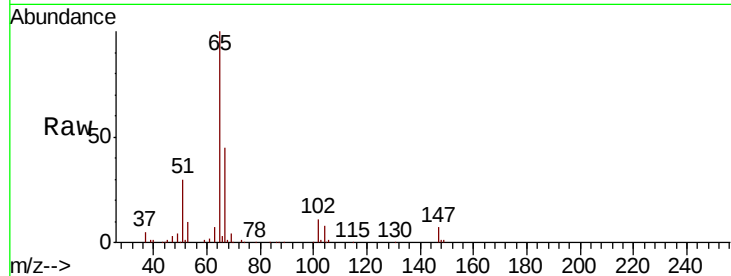
VD0621SBL01

Tot Ion: 65 Resp: 550644

Ion Ratio Lower Upper

65 100

67 45.2 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.48

200000

150000

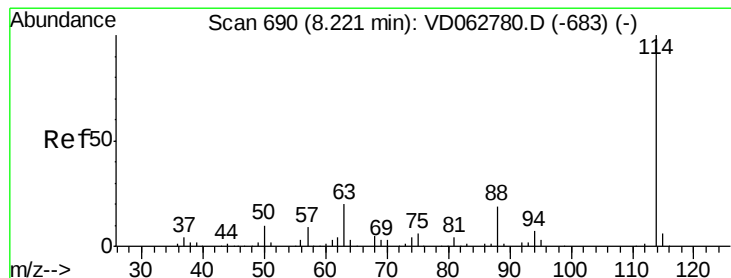
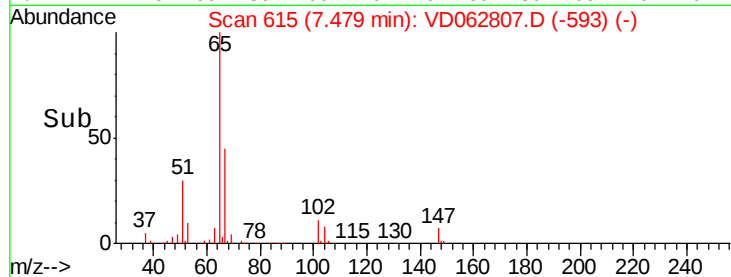
100000

50000

0

7.40 7.50 7.60 7.70

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.25 min Scan# 693

Delta R.T. 0.03 min

Lab File: VD062807.D

Acq: 21 Jun 2019 10:52

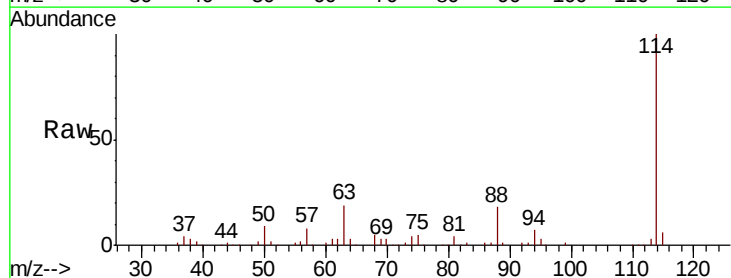
Tgt Ion: 114 Resp: 1246324

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

88 17.6 0.0 38.8



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

8.25

600000

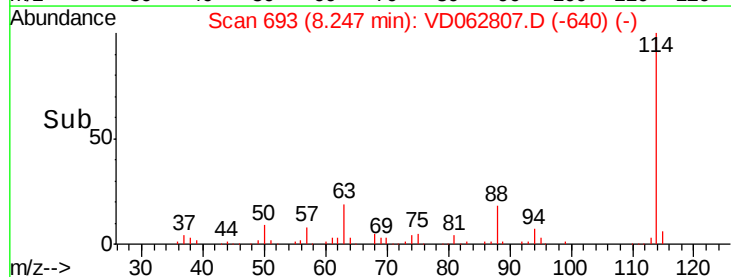
400000

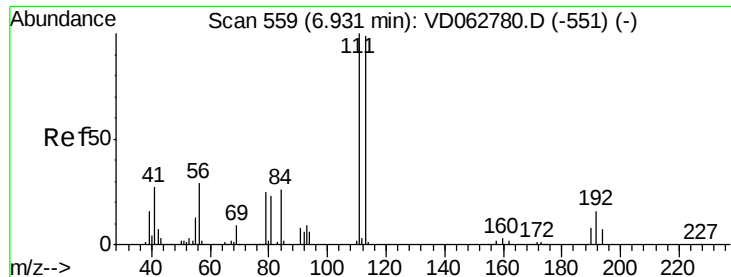
200000

0

8.10 8.20 8.30 8.40 8.50

Time-->





#35

Dibromofluoromethane

Concen: 55.884 ug/l

RT: 6.95 min Scan# 561

Delta R.T. 0.02 min

Lab File: VD062807.D

Acq: 21 Jun 2019 10:52

Instrument :

MSVOA_D

ClientSampleId :

VD0621SBL01

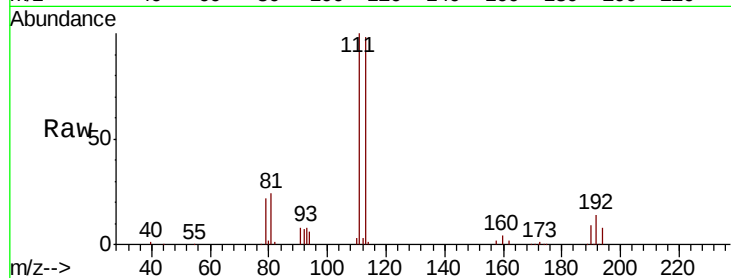
Tot Ion:113 Resp: 587280

Ion Ratio Lower Upper

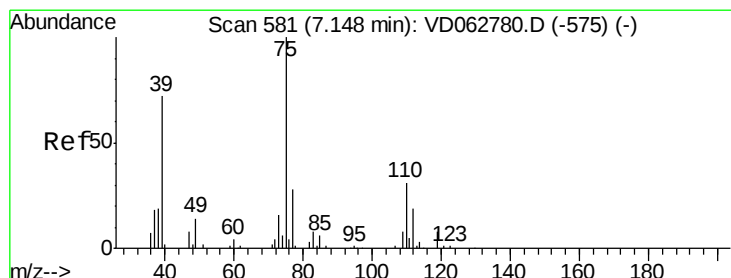
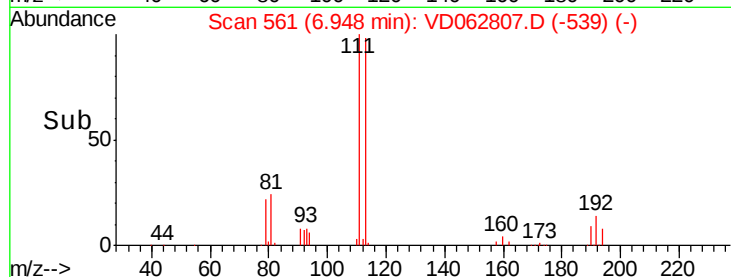
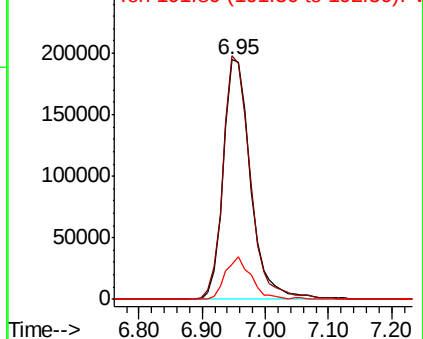
113 100

111 101.7 81.2 121.8

192 14.6 12.9 19.3



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: 6.689 ug/l

RT: 7.08 min Scan# 574

Delta R.T. -0.07 min

Lab File: VD062807.D

Acq: 21 Jun 2019 10:52

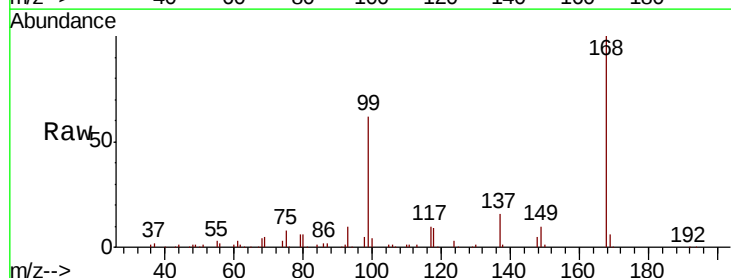
Tgt Ion: 75 Resp: 78915

Ion Ratio Lower Upper

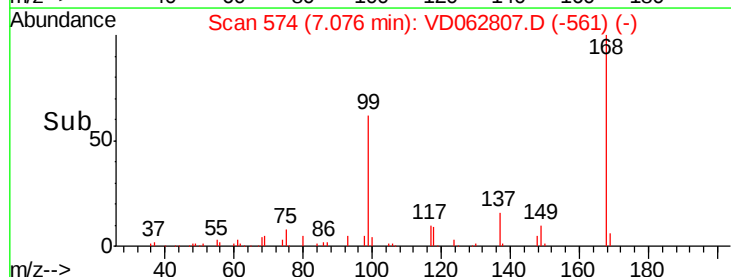
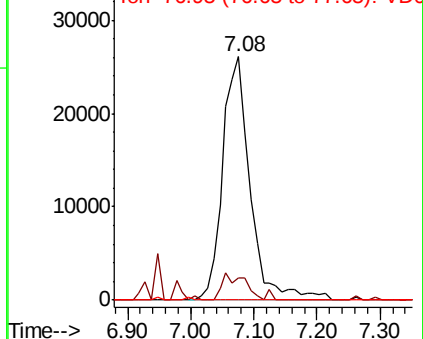
75 100

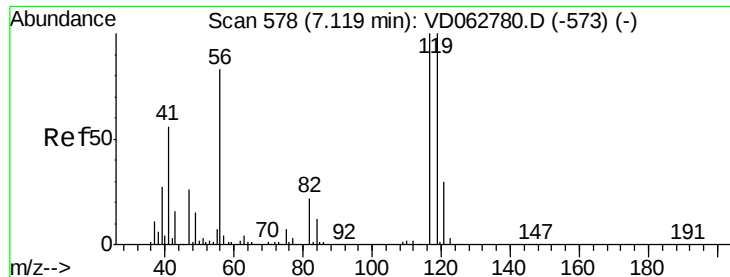
110 9.2 15.0 45.1#

77 0.0 22.2 33.2#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 109.90 (109.60 to 110.60): V
Ion 76.95 (76.65 to 77.65): VDC





#38

Carbon Tetrachloride

Concen: 5.718 ug/l

RT: 7.08 min Scan# 574

Delta R.T. -0.04 min

Lab File: VD062807.D

Acq: 21 Jun 2019 10:52

Instrument :

MSVOA_D

ClientSampleId :

VD0621SBL01

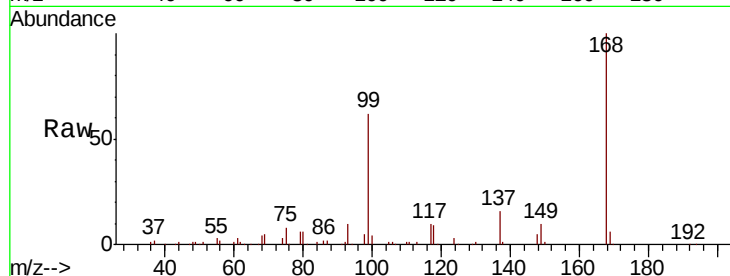
Tot Ion:117 Resp: 101461

Ion Ratio Lower Upper

117 100

119 4.1 75.4 113.2#

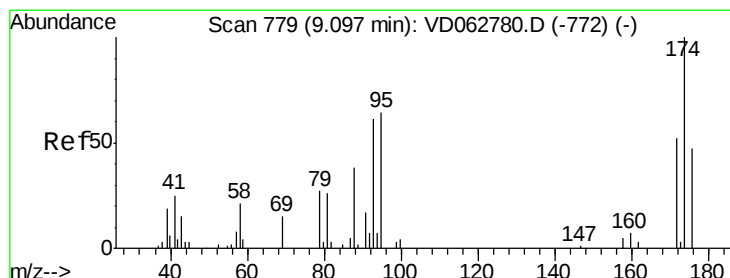
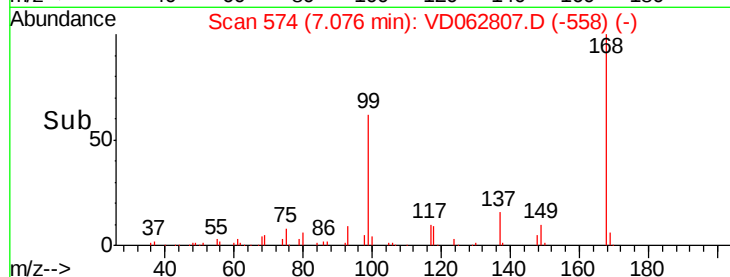
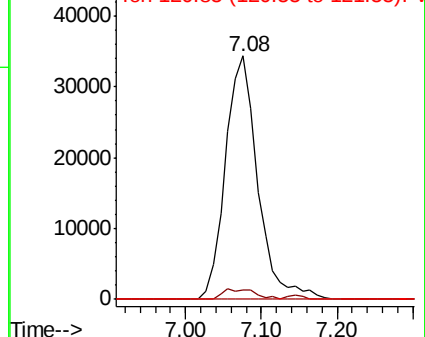
121 0.0 22.3 33.5#



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: 5.305 ug/l

RT: 8.75 min Scan# 744

Delta R.T. -0.35 min

Lab File: VD062807.D

Acq: 21 Jun 2019 10:52

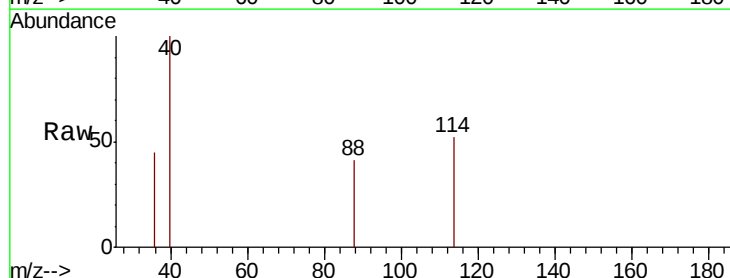
Tgt Ion: 88 Resp: 194

Ion Ratio Lower Upper

88 100

43 0.0 32.1 48.1#

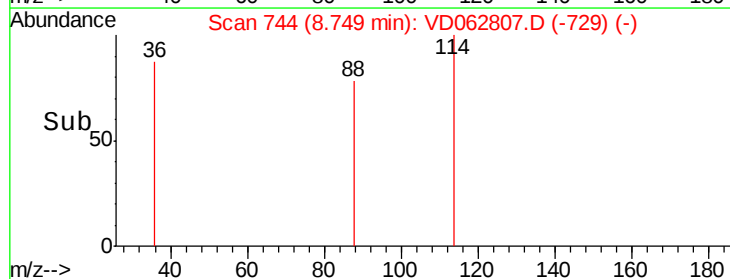
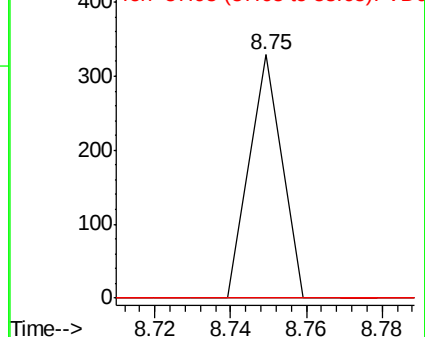
58 0.0 44.1 66.1#

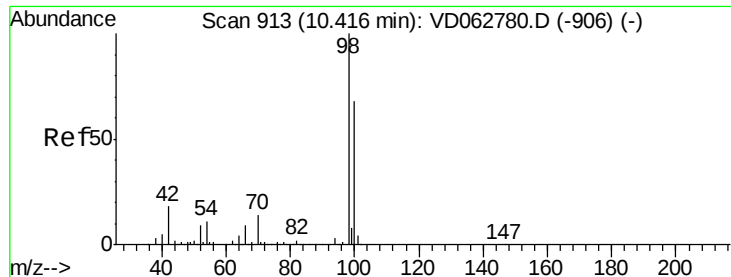


Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 57.95 (57.65 to 58.65): VDC

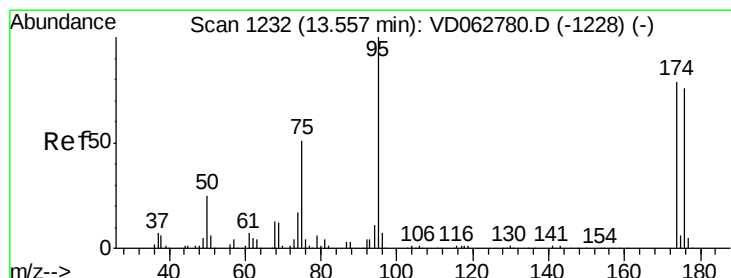
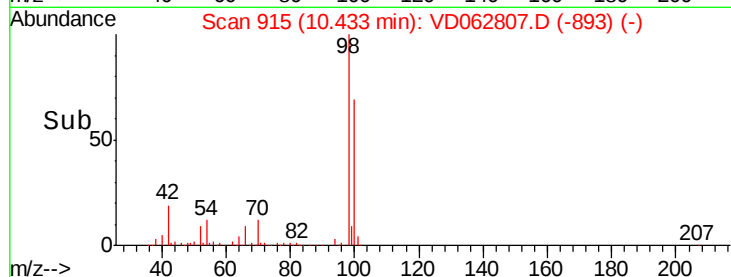
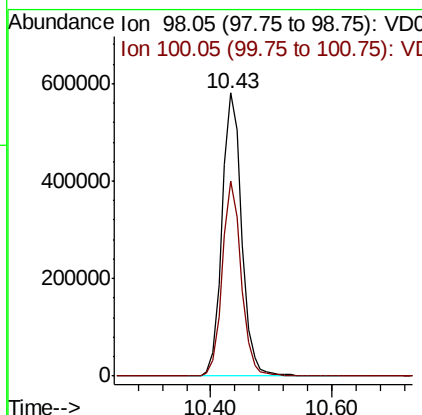
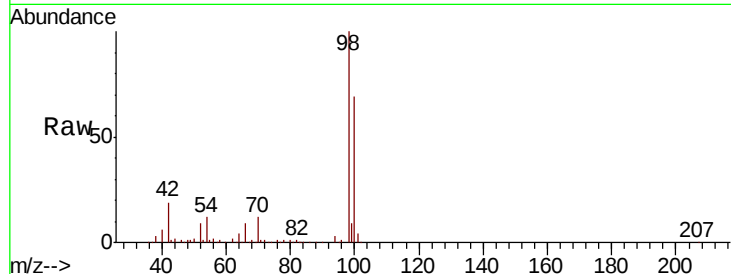




#50
Toluene-d8
Concen: 57.163 ug/l
RT: 10.43 min Scan# 915
Delta R.T. 0.02 min
Lab File: VD062807.D
Acq: 21 Jun 2019 10:52

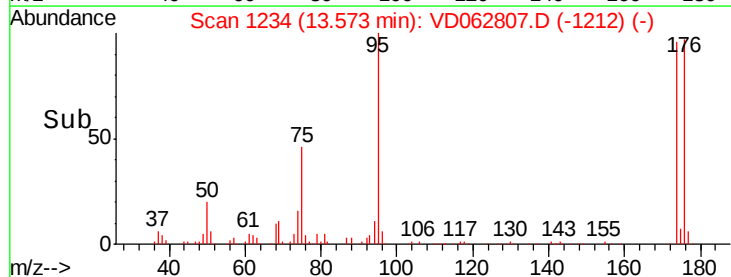
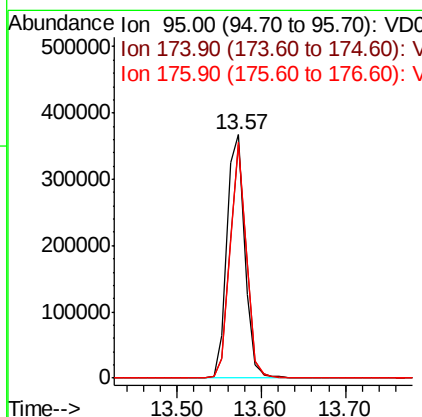
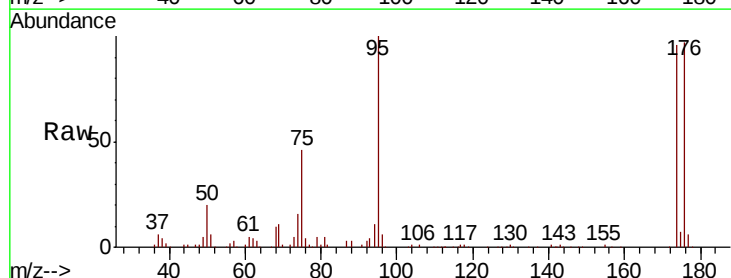
Instrument :
MSVOA_D
ClientSampleId :
VD0621SBL01

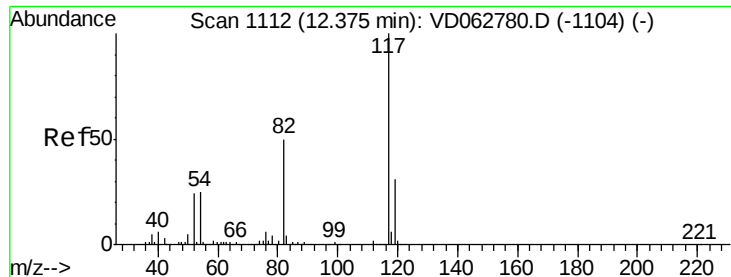
Tot Ion: 98 Resp: 1307446
Ion Ratio Lower Upper
98 100
100 68.8 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 52.264 ug/l
RT: 13.57 min Scan# 1234
Delta R.T. 0.02 min
Lab File: VD062807.D
Acq: 21 Jun 2019 10:52

Tgt Ion: 95 Resp: 543556
Ion Ratio Lower Upper
95 100
174 95.9 0.0 158.0
176 96.9 0.0 151.6

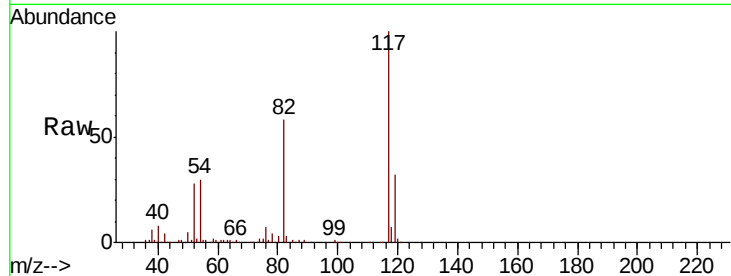




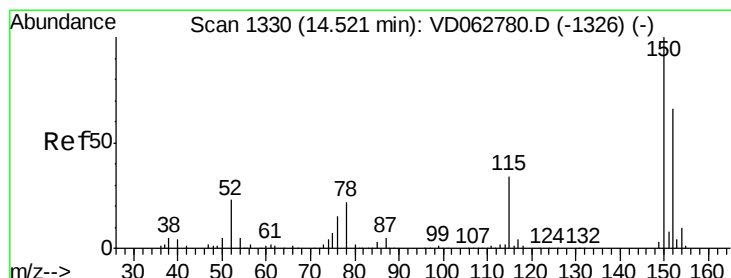
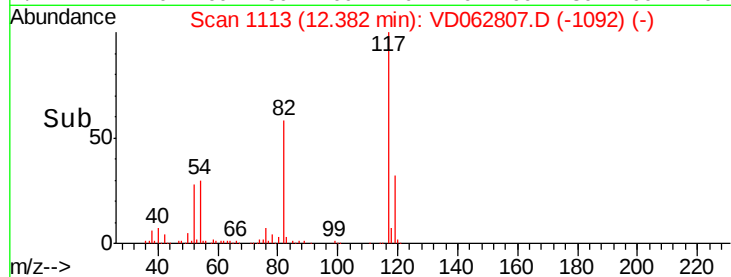
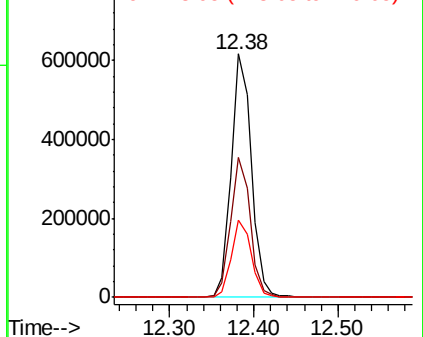
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VD062807.D
Acq: 21 Jun 2019 10:52

Instrument :
MSVOA_D
ClientSampleId :
VD0621SBL01

Tot Ion:117 Resp: 1030834
Ion Ratio Lower Upper
117 100
82 57.7 40.4 60.6
119 31.9 25.2 37.8

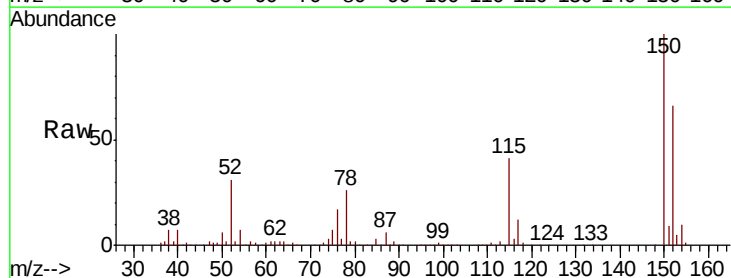


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

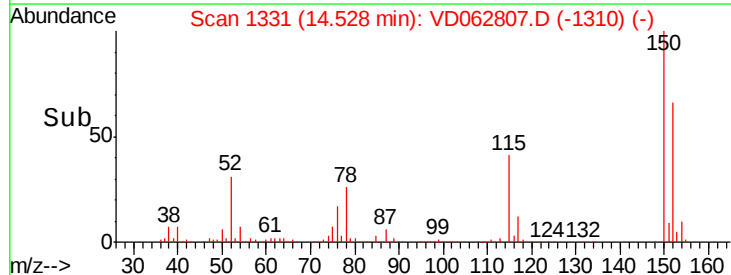
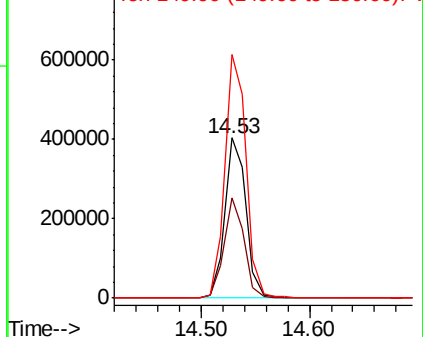


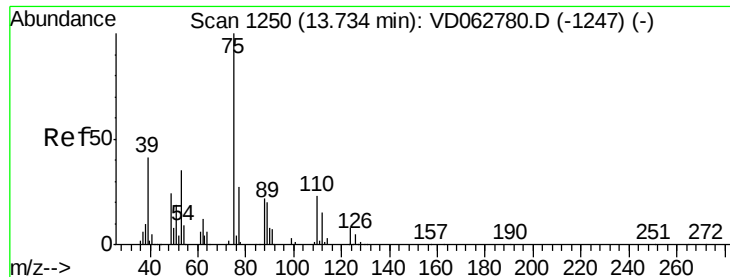
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062807.D
Acq: 21 Jun 2019 10:52

Tgt Ion:152 Resp: 544396
Ion Ratio Lower Upper
152 100
115 62.3 29.2 87.6
150 152.0 0.0 305.8



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: 37.233 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. -0.16 min

Lab File: VD062807.D

Acq: 21 Jun 2019 10:52

Instrument :

MSVOA_D

ClientSampleId :

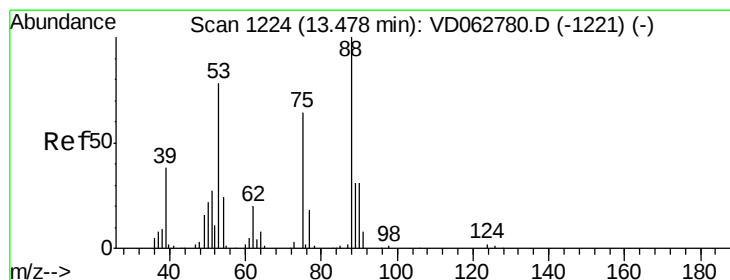
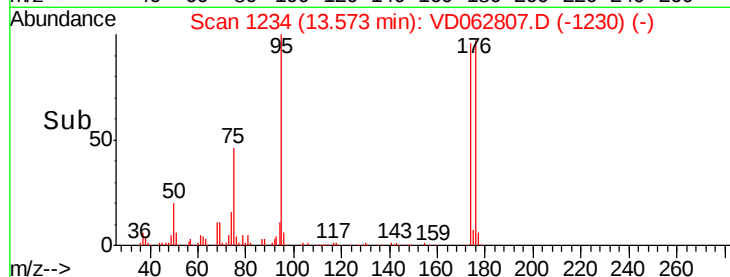
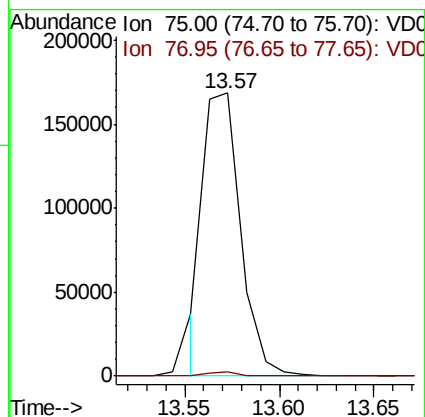
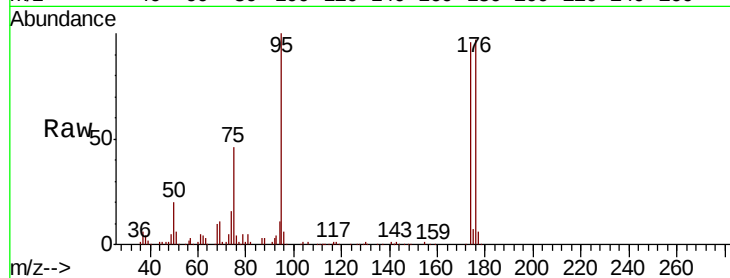
VD0621SBL01

Tot Ion: 75 Resp: 233998

Ion Ratio Lower Upper

75 100

77 1.8 15.0 45.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 156.182 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.09 min

Lab File: VD062807.D

Acq: 21 Jun 2019 10:52

Tgt Ion: 75 Resp: 257250

Ion Ratio Lower Upper

75 100

53 0.0 97.8 146.8#

89 0.0 39.4 59.2#

