

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062519\
 Data File : VD062871.D
 Acq On : 25 Jun 2019 9:55
 Operator : VA/AP
 Sample : VD0625SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0625SBL01

Quant Time: Jun 26 05:32:34 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	7.06	168	931470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1294812	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1041782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	546928	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	516960	51.06	ug/l	0.00
Spiked Amount			Recovery	=	102.12%	
35) Dibromofluoromethane	6.93	113	540968	49.55	ug/l	0.00
Spiked Amount			Recovery	=	99.10%	
50) Toluene-d8	10.42	98	1253717	52.76	ug/l	0.00
Spiked Amount			Recovery	=	105.52%	
62) 4-Bromofluorobenzene	13.56	95	541090	50.08	ug/l	0.00
Spiked Amount			Recovery	=	100.16%	

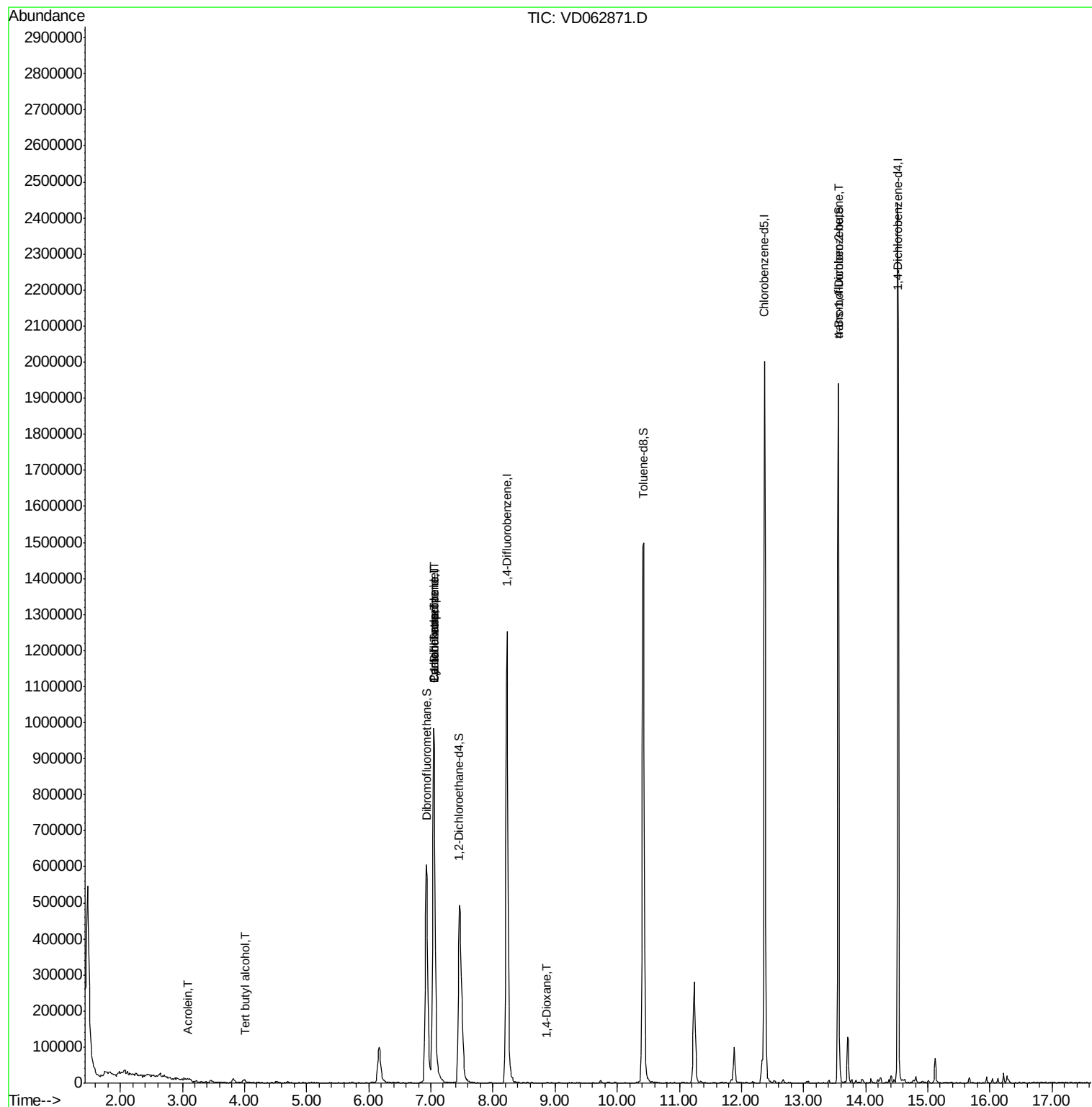
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.00	59	6226	13.501	ug/l #	77
13) Acrolein	3.10	56	509	1.081	ug/l	91
16) Acetone	3.22	43	8553	Below Cal	#	84
31) Cyclohexane	7.05	56	22695	2.387	ug/l #	6
36) 1,1-Dichloropropene	7.05	75	72124	5.884	ug/l #	53
38) Carbon Tetrachloride	7.05	117	92995	5.045	ug/l #	15
49) 1,4-Dioxane	8.87	88	198	5.212	ug/l #	29
81) trans-1,4-Dichloro-2-buten	13.56	75	253534	153.214	ug/l #	2

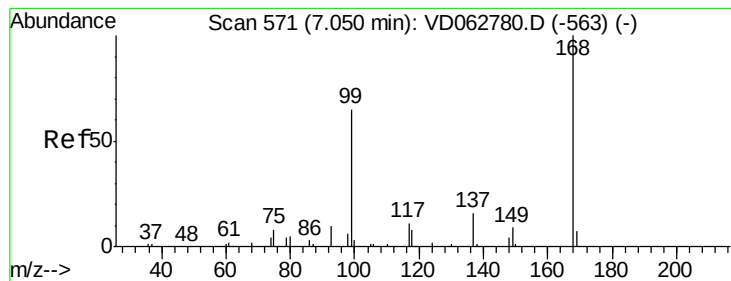
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062519\
Data File : VD062871.D
Acq On : 25 Jun 2019 9:55
Operator : VA/AP
Sample : VD0625SBL01
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0625SBL01

Quant Time: Jun 26 05:32:34 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: 7.06 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD062871.D

Acq: 25 Jun 2019 9:55

Instrument :

MSVOA_D

ClientSampleId :

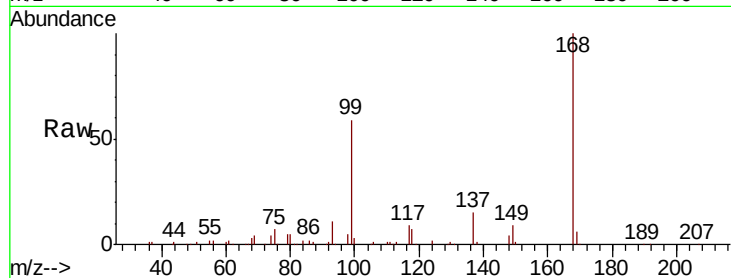
VD0625SBL01

Tot Ion:168 Resp: 931470

Ion Ratio Lower Upper

168 100

99 58.6 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

300000

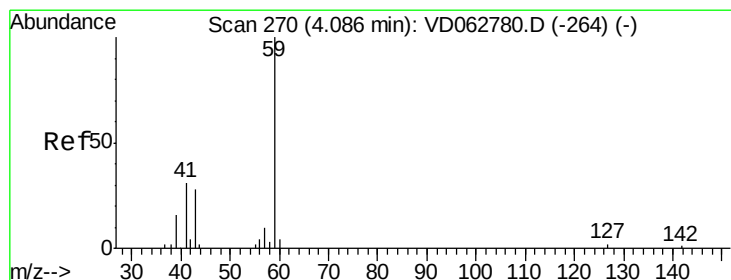
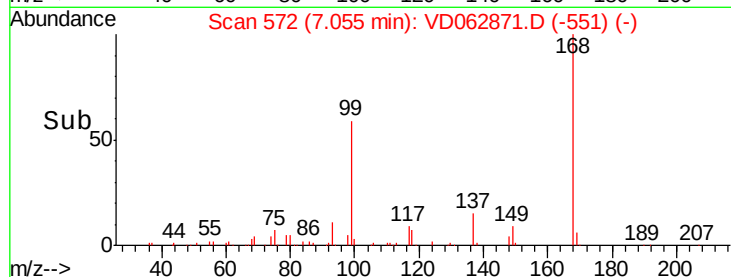
200000

100000

0

Time-->

6.90 7.00 7.10 7.20



#11

Tert butyl alcohol

Concen: 13.501 ug/l

RT: 4.00 min Scan# 262

Delta R.T. -0.08 min

Lab File: VD062871.D

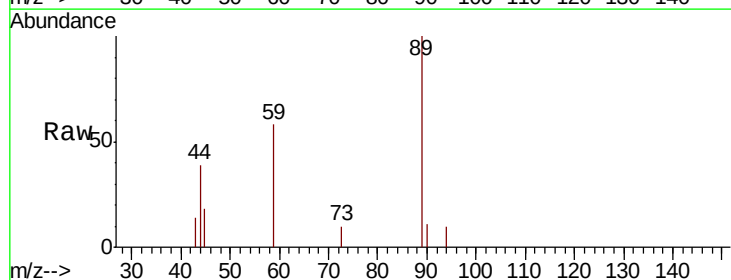
Acq: 25 Jun 2019 9:55

Tgt Ion: 59 Resp: 6226

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

4.00

2000

1500

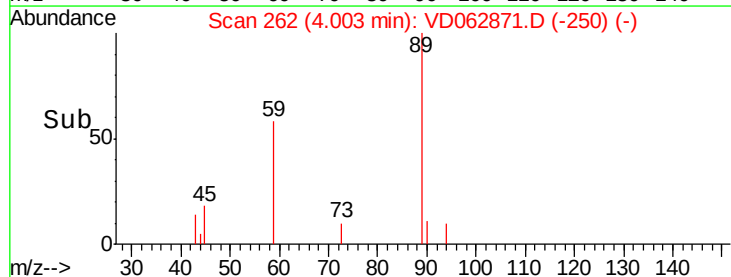
1000

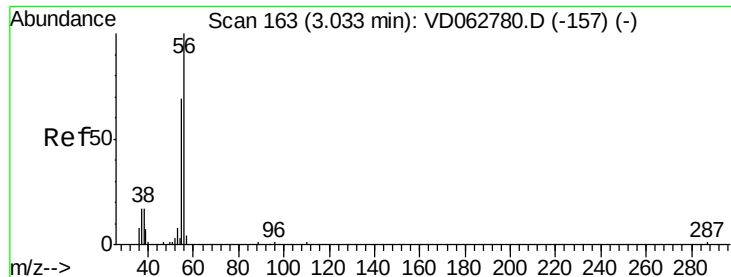
500

0

Time-->

3.90 3.95 4.00 4.05 4.10

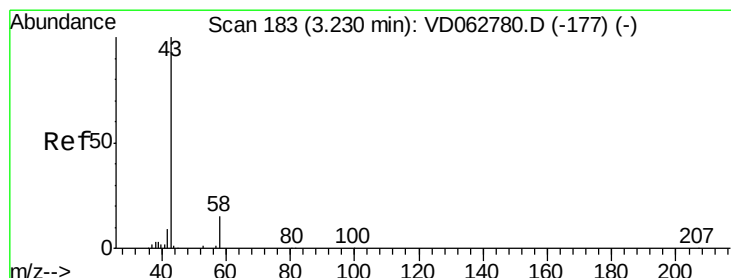
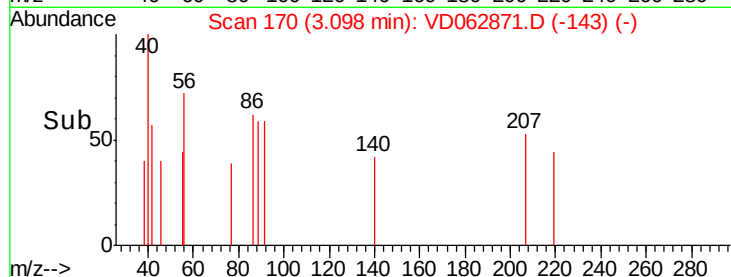
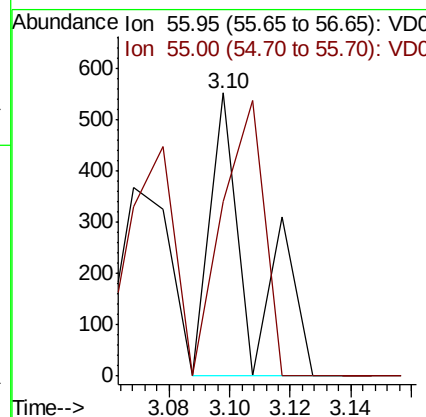
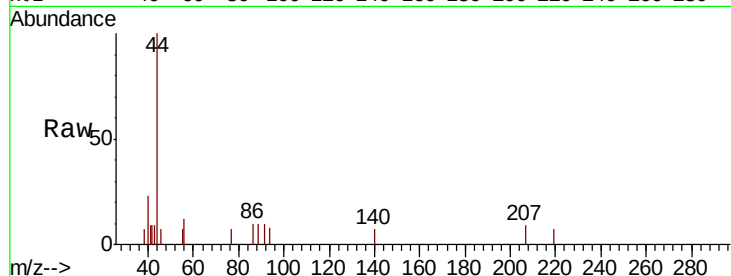




#13
Acrolein
Concen: 1.081 ug/l
RT: 3.10 min Scan# 170
Delta R.T. 0.06 min
Lab File: VD062871.D
Acq: 25 Jun 2019 9:55

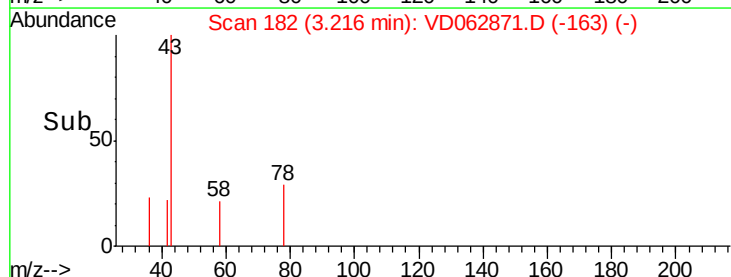
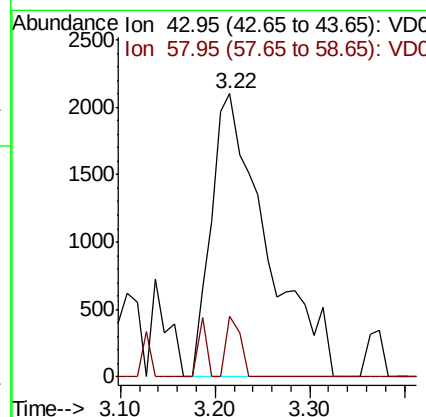
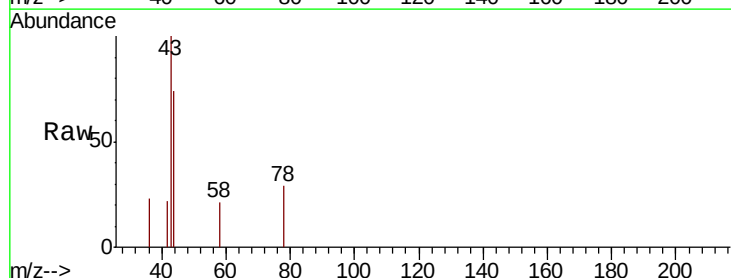
Instrument :
MSVOA_D
ClientSampleId :
VD0625SBL01

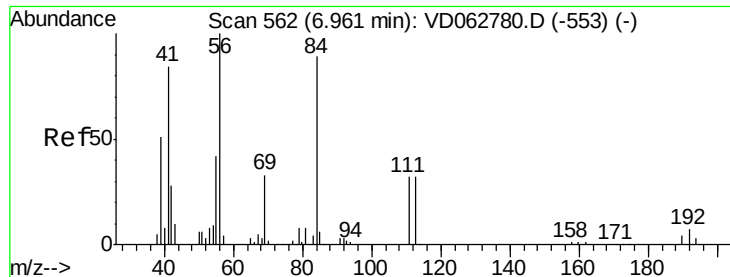
Tot Ion: 56 Resp: 509
Ion Ratio Lower Upper
56 100
55 61.6 55.4 83.0



#16
Acetone
Concen: Below Cal
RT: 3.22 min Scan# 182
Delta R.T. -0.01 min
Lab File: VD062871.D
Acq: 25 Jun 2019 9:55

Tgt Ion: 43 Resp: 8553
Ion Ratio Lower Upper
43 100
58 21.3 11.9 17.9#

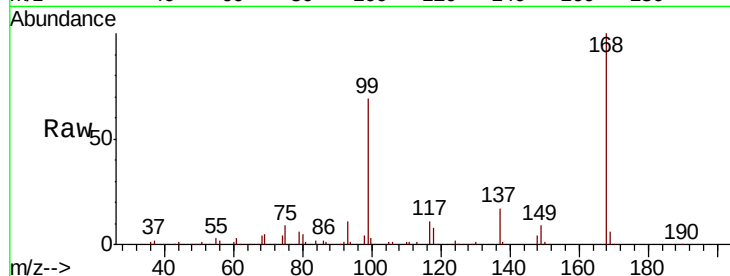




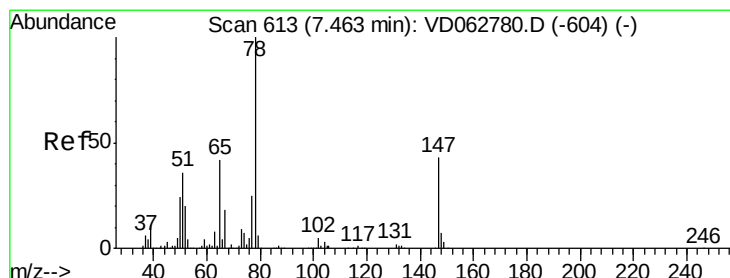
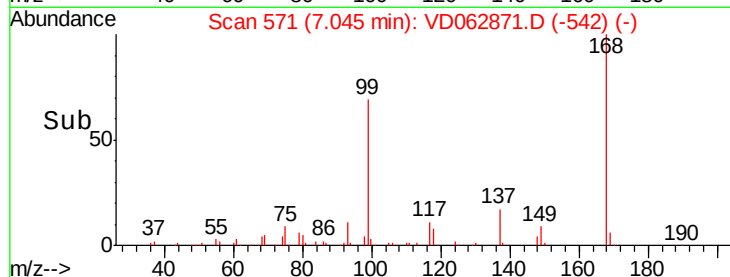
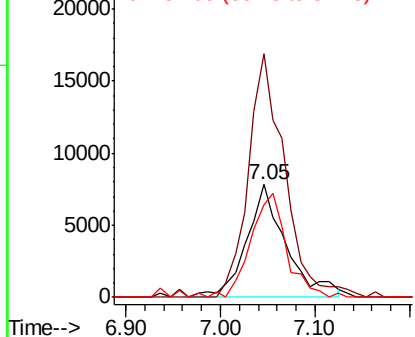
#31
Cyclohexane
Concen: 2.387 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.08 min
Lab File: VD062871.D
Acq: 25 Jun 2019 9:55

Instrument :
MSVOA_D
ClientSampleId :
VD0625SBL01

Tot Ion: 56 Resp: 22695
Ion Ratio Lower Upper
56 100
69 216.4 26.6 39.8#
84 81.9 75.5 113.3

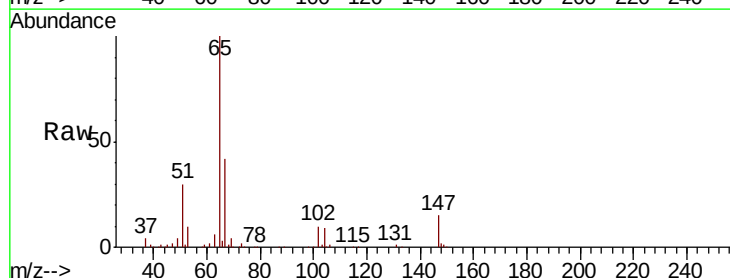


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

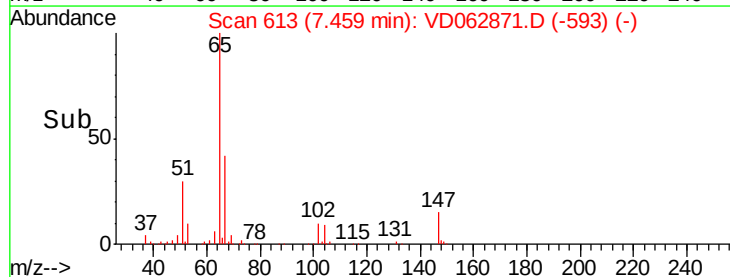
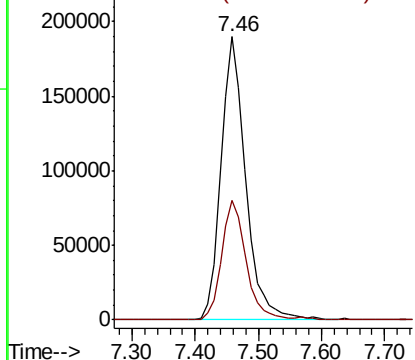


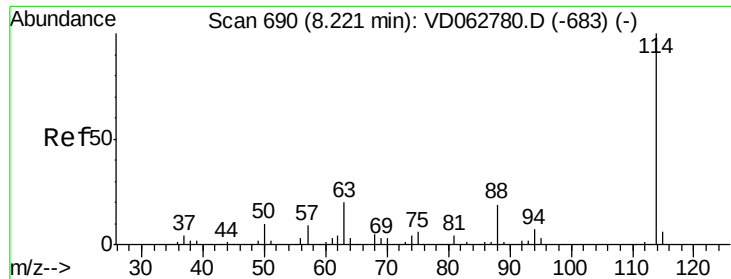
#33
1,2-Dichloroethane-d4
Concen: 51.058 ug/l
RT: 7.46 min Scan# 613
Delta R.T. -0.00 min
Lab File: VD062871.D
Acq: 25 Jun 2019 9:55

Tgt Ion: 65 Resp: 516960
Ion Ratio Lower Upper
65 100
67 42.2 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

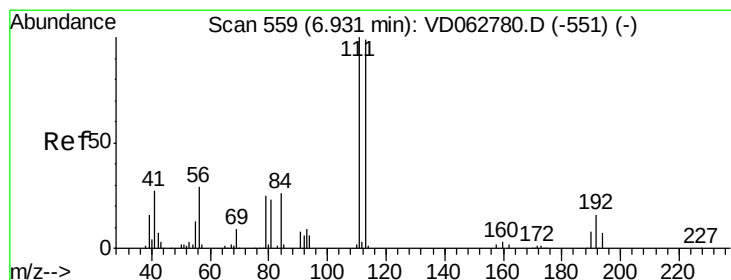
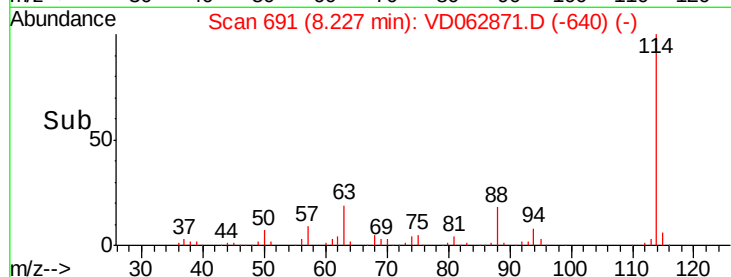
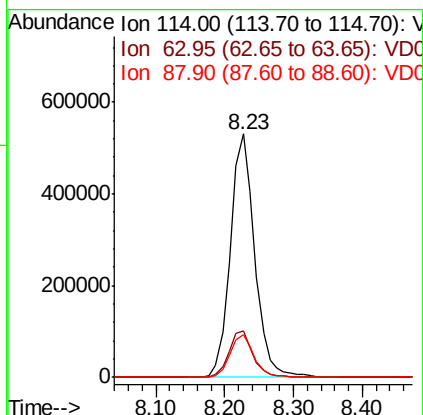
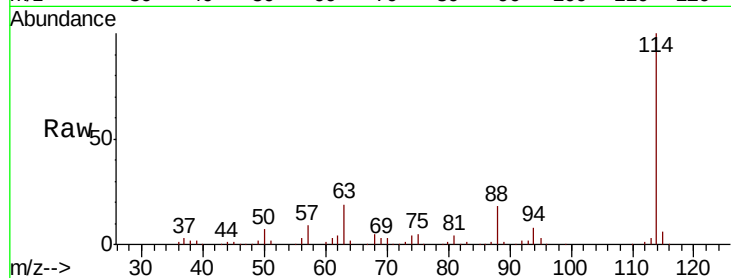




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD062871.D
 Acq: 25 Jun 2019 9:55

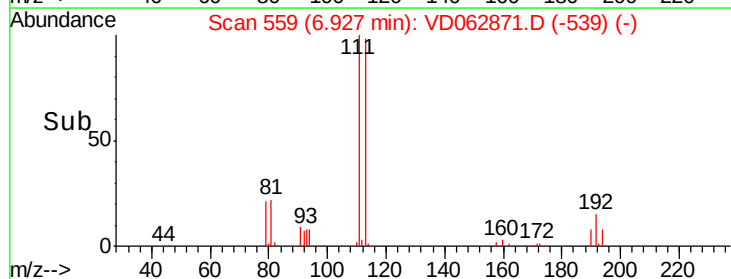
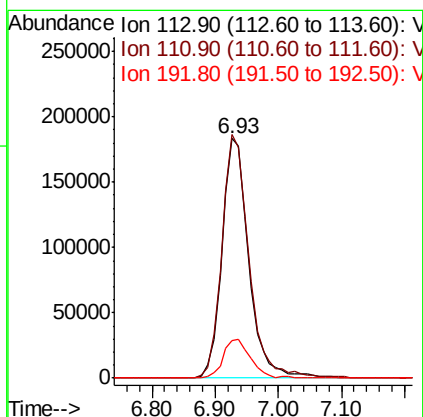
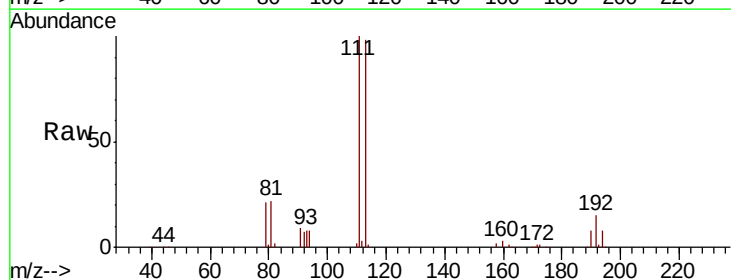
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0625SBL01

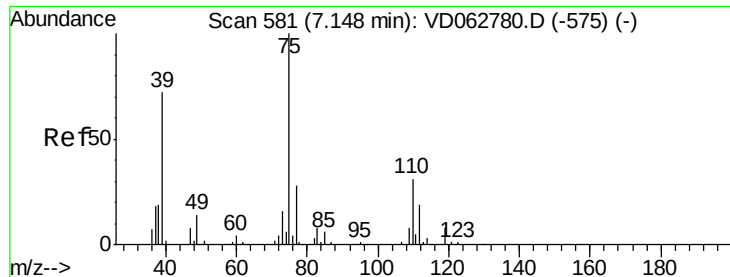
Tot Ion:114 Resp: 1294812
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 40.0
 88 17.7 0.0 38.8



#35
 Dibromofluoromethane
 Concen: 49.549 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: VD062871.D
 Acq: 25 Jun 2019 9:55

Tgt Ion:113 Resp: 540968
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.2 121.8
 192 15.5 12.9 19.3

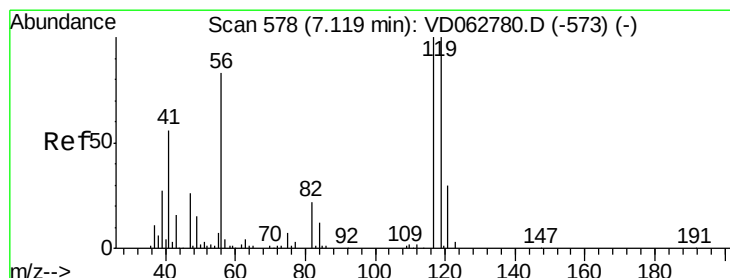
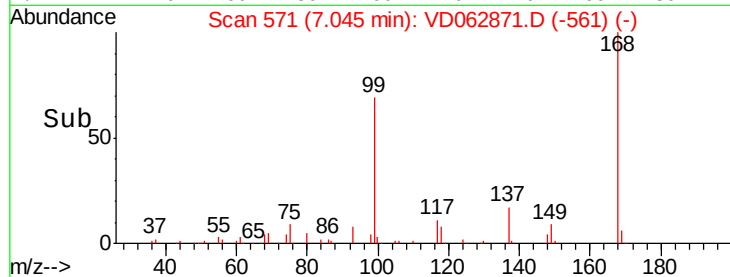
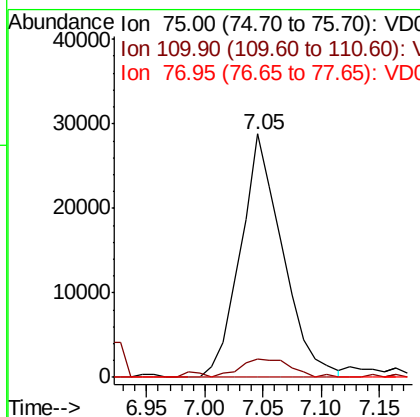
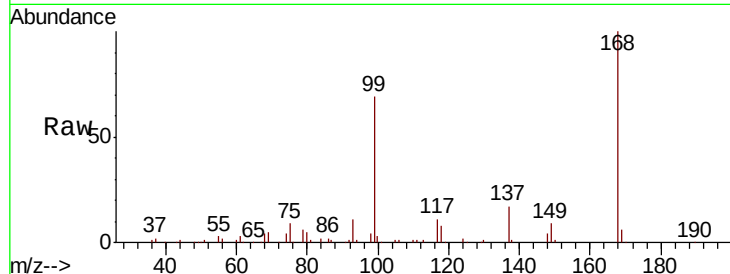




#36
 1,1-Dichloropropene
 Concen: 5.884 ug/l
 RT: 7.05 min Scan# 571
 Delta R.T. -0.10 min
 Lab File: VD062871.D
 Acq: 25 Jun 2019 9:55

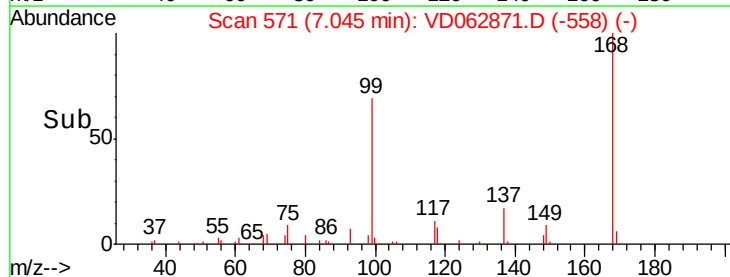
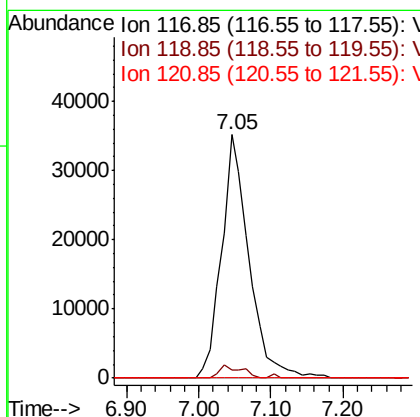
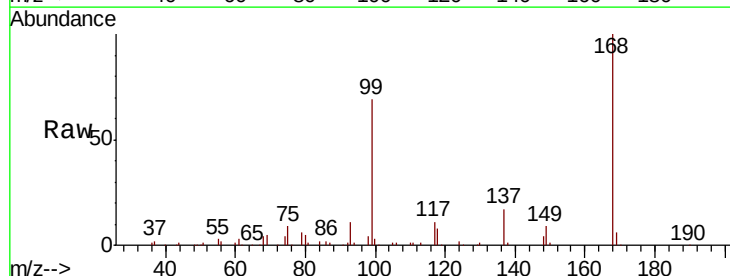
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0625SBL01

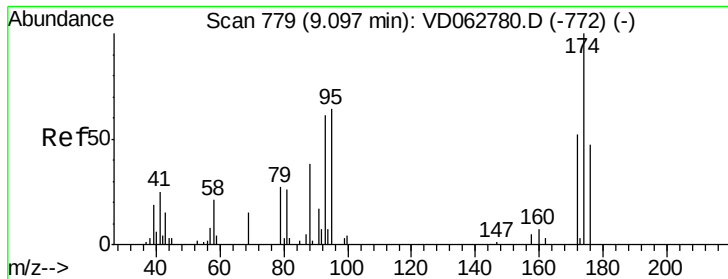
Tot Ion	75	Resp	72124
Ion Ratio	100	Lower	Upper
110	7.4	15.0	45.1#
77	0.0	22.2	33.2#



#38
 Carbon Tetrachloride
 Concen: 5.045 ug/l
 RT: 7.05 min Scan# 571
 Delta R.T. -0.07 min
 Lab File: VD062871.D
 Acq: 25 Jun 2019 9:55

Tgt Ion	117	Resp	92995
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
119	3.4	75.4	113.2#
121	0.0	22.3	33.5#

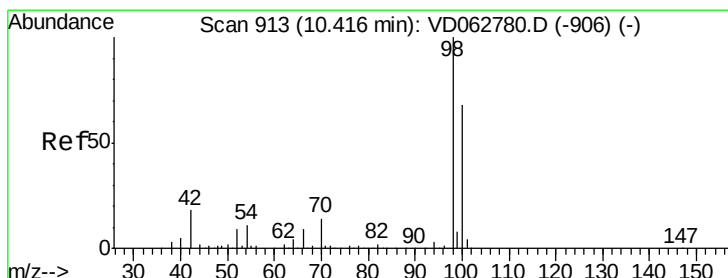
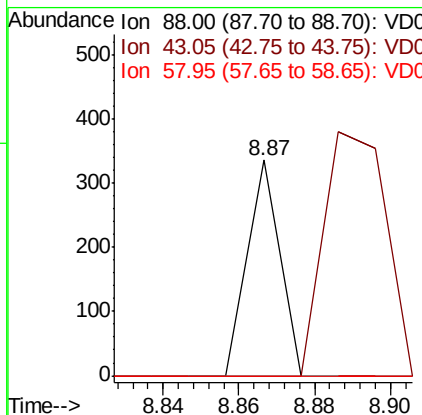
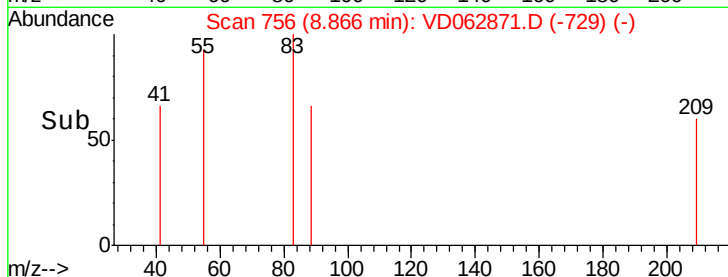
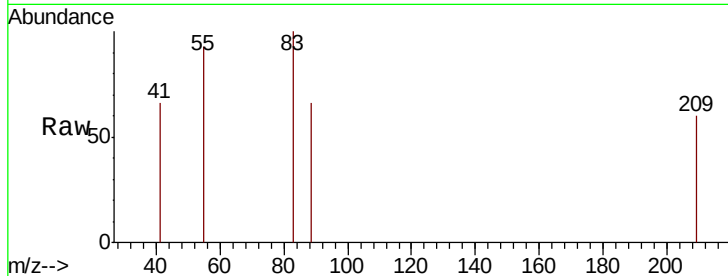




#49
1,4-Dioxane
Concen: 5.212 ug/l
RT: 8.87 min Scan# 756
Delta R.T. -0.23 min
Lab File: VD062871.D
Acq: 25 Jun 2019 9:55

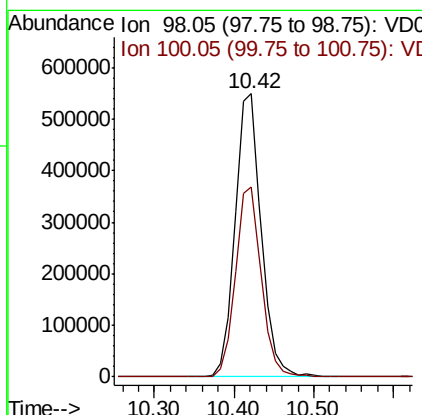
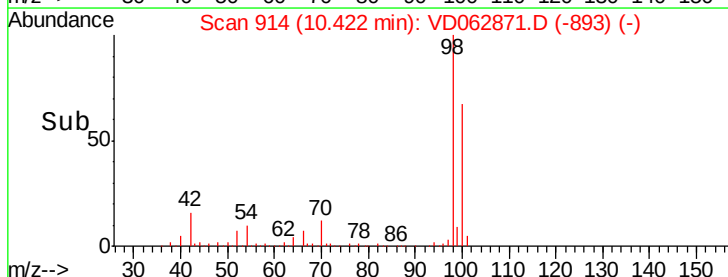
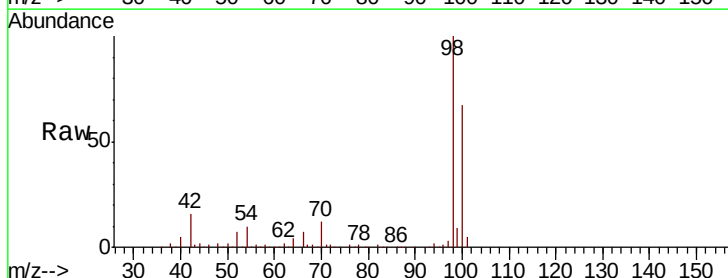
Instrument :
MSVOA_D
ClientSampleId :
VD0625SBL01

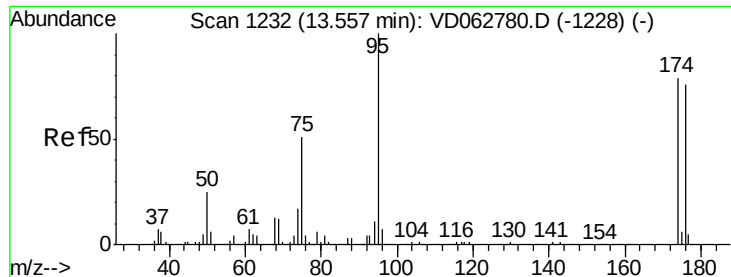
Tot Ion: 88 Resp: 198
Ion Ratio Lower Upper
88 100
43 0.0 32.1 48.1#
58 0.0 44.1 66.1#



#50
Toluene-d8
Concen: 52.761 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD062871.D
Acq: 25 Jun 2019 9:55

Tgt Ion: 98 Resp: 1253717
Ion Ratio Lower Upper
98 100
100 67.2 54.7 82.1





#62

4-Bromofluorobenzene

Concen: 50.079 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062871.D

Acq: 25 Jun 2019 9:55

Instrument :

MSVOA_D

ClientSampleId :

VD0625SBL01

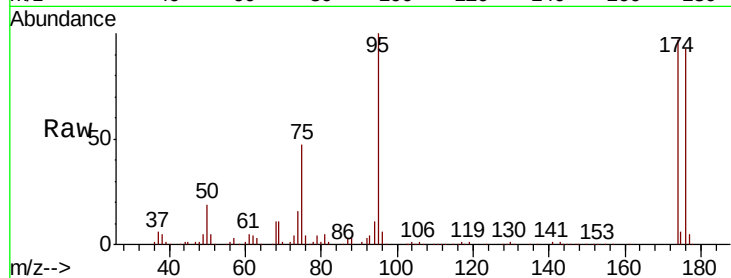
Tot Ion: 95 Resp: 541090

Ion Ratio Lower Upper

95 100

174 96.5 0.0 158.0

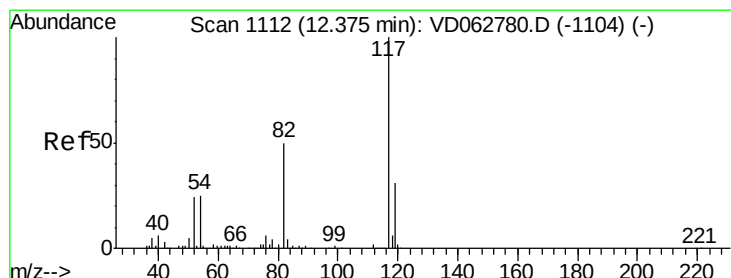
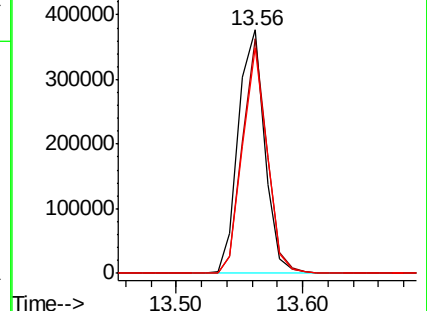
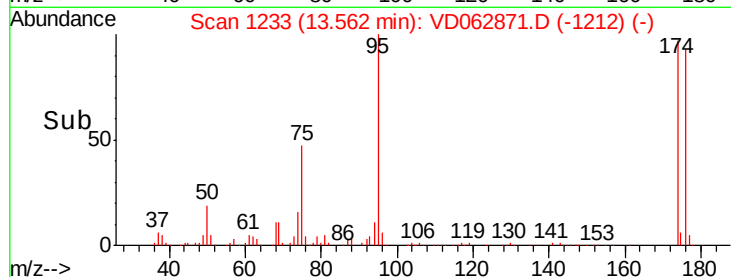
176 92.8 0.0 151.6



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: 12.37 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VD062871.D

Acq: 25 Jun 2019 9:55

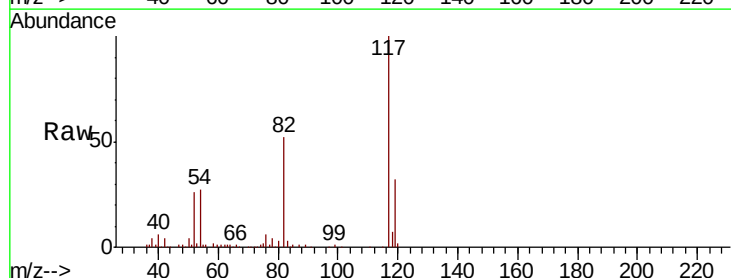
Tgt Ion: 117 Resp: 1041782

Ion Ratio Lower Upper

117 100

82 52.2 40.4 60.6

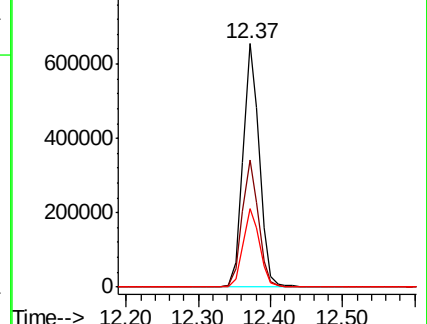
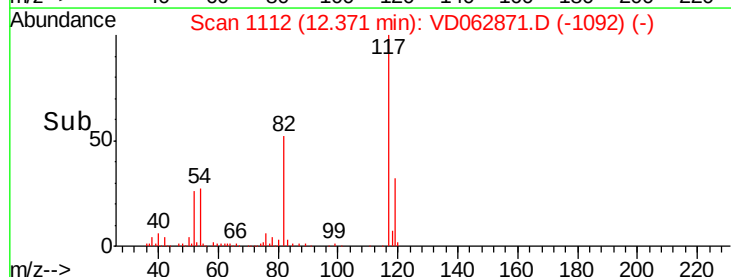
119 32.4 25.2 37.8

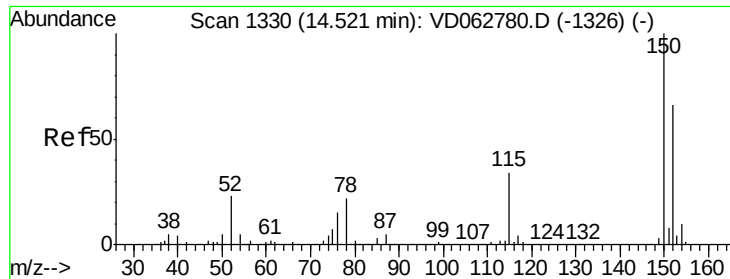


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

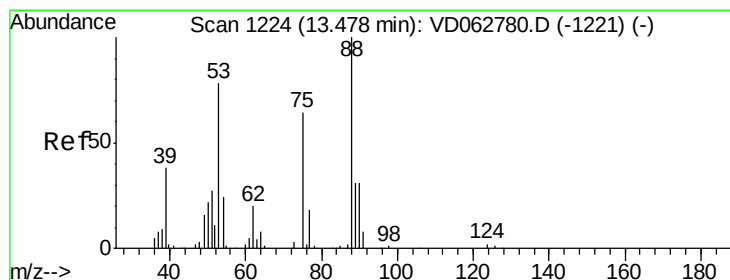
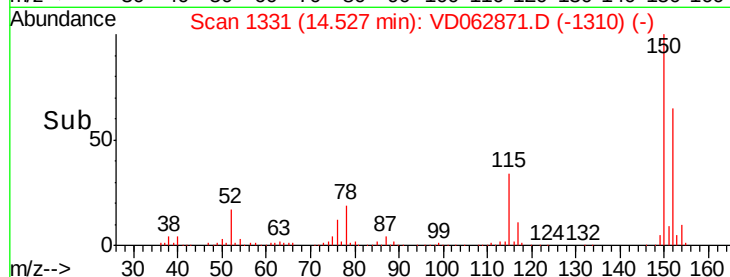
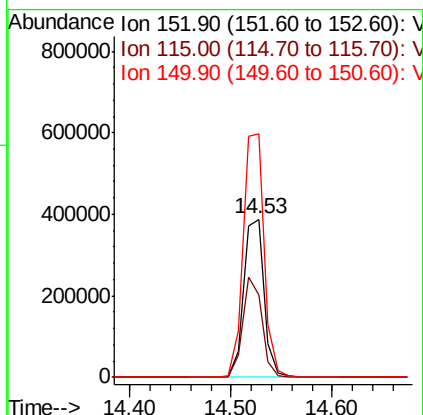
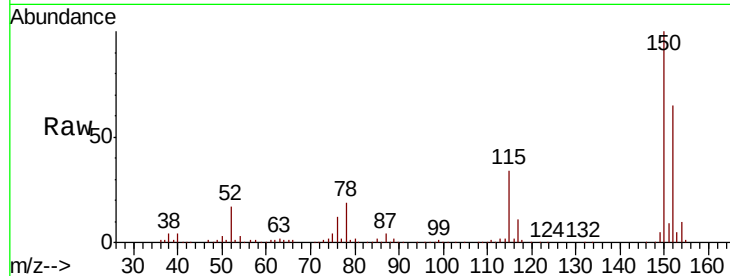




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.53 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VD062871.D
 Acq: 25 Jun 2019 9:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0625SBL01

Tot Ion:152 Resp: 546928
 Ion Ratio Lower Upper
 152 100
 115 52.1 29.2 87.6
 150 154.0 0.0 305.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 153.214 ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. 0.08 min
 Lab File: VD062871.D
 Acq: 25 Jun 2019 9:55

Tgt Ion: 75 Resp: 253534
 Ion Ratio Lower Upper
 75 100
 53 0.0 97.8 146.8#
 89 0.0 39.4 59.2#

