

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062419\
 Data File : VD062845.D
 Acq On : 24 Jun 2019 17:26
 Operator : VA/AP
 Sample : K3500-01
 Misc : 5.59g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-1(9-10)

Quant Time: Jun 25 05:04:39 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	692116	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	956274	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	806529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	391459	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	427266	56.79	ug/l	0.00
Spiked Amount			Recovery	=	113.58%	
35) Dibromofluoromethane	6.94	113	444307	55.10	ug/l	0.00
Spiked Amount			Recovery	=	110.20%	
50) Toluene-d8	10.41	98	848572	48.35	ug/l	0.00
Spiked Amount			Recovery	=	96.70%	
62) 4-Bromofluorobenzene	13.56	95	425566	53.33	ug/l	0.00
Spiked Amount			Recovery	=	106.66%	

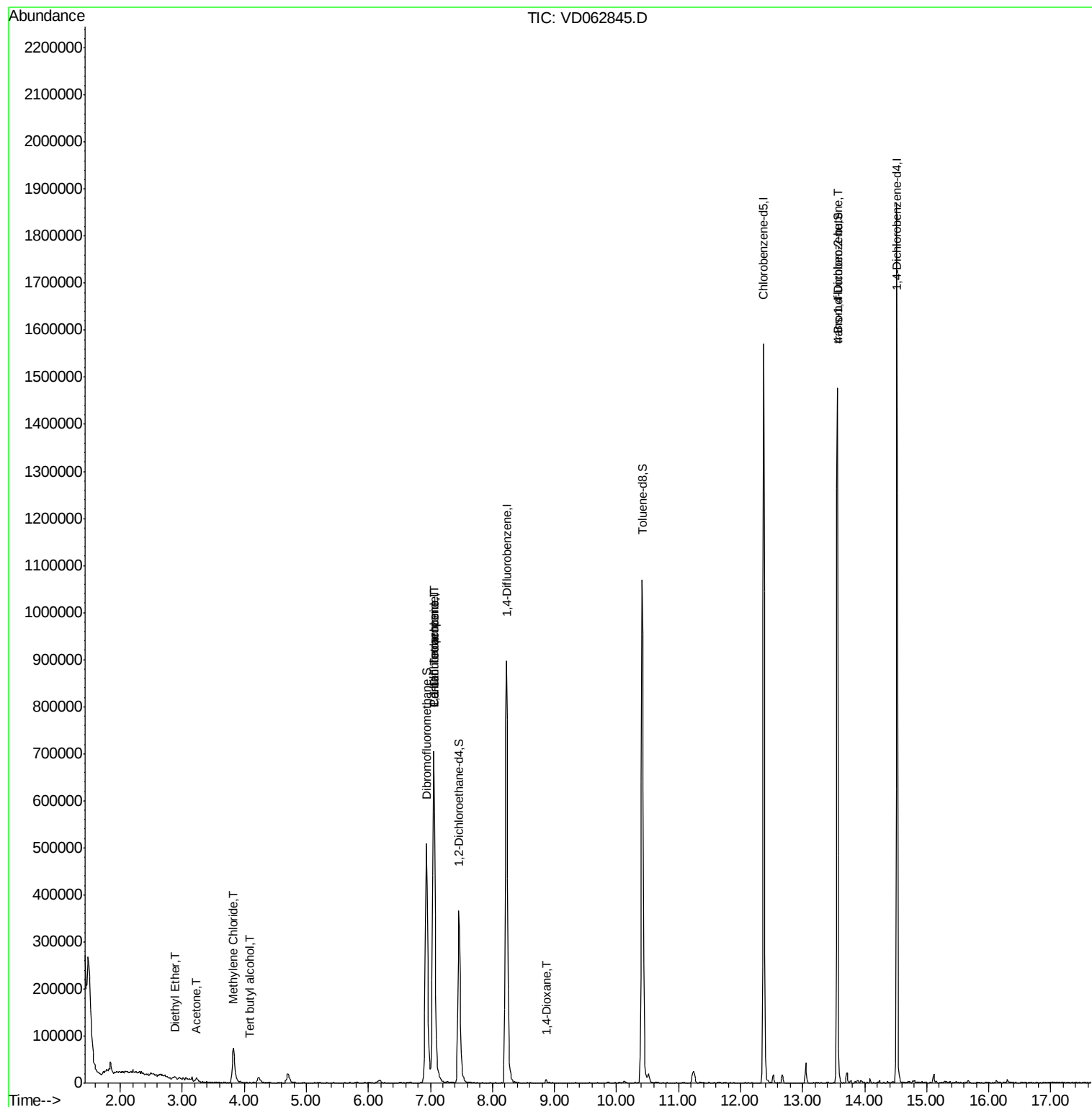
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	2.89	74	1886	1.098	ug/l #	12
11) Tert butyl alcohol	4.08	59	1191	3.476	ug/l #	77
16) Acetone	3.23	43	17646	4.702	ug/l #	87
20) Methylene Chloride	3.83	84	45416	7.916	ug/l #	87
36) 1,1-Dichloropropene	7.05	75	53299	5.888	ug/l #	57
38) Carbon Tetrachloride	7.06	117	71364	5.242	ug/l #	16
49) 1,4-Dioxane	8.86	88	179	6.379	ug/l #	29
81) trans-1,4-Dichloro-2-buten	13.55	75	204395	172.574	ug/l #	2

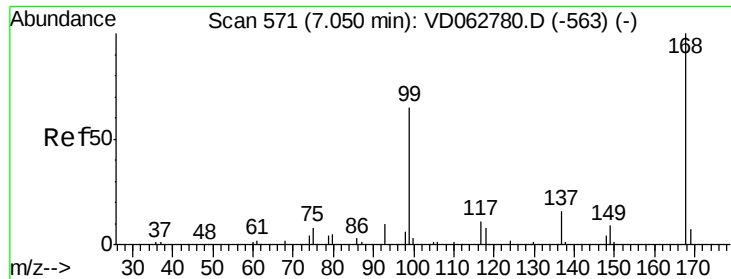
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062419\
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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

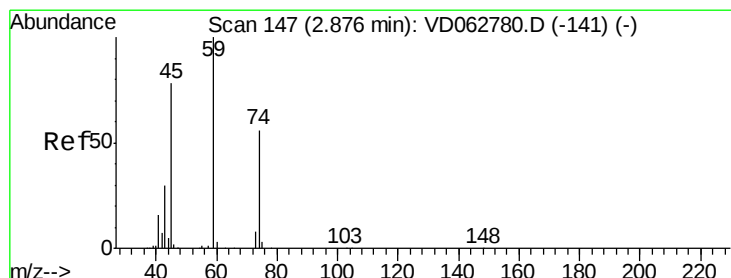
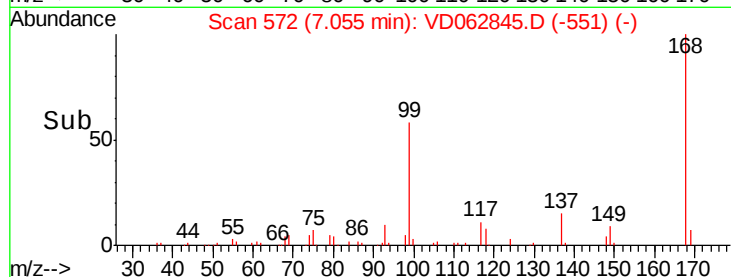
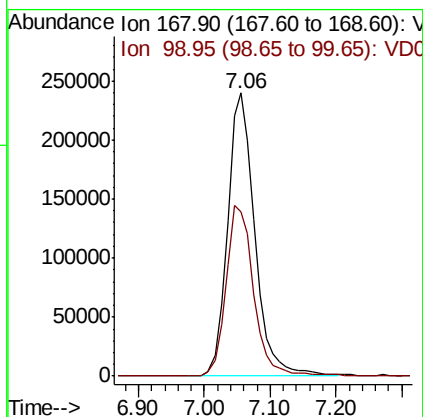
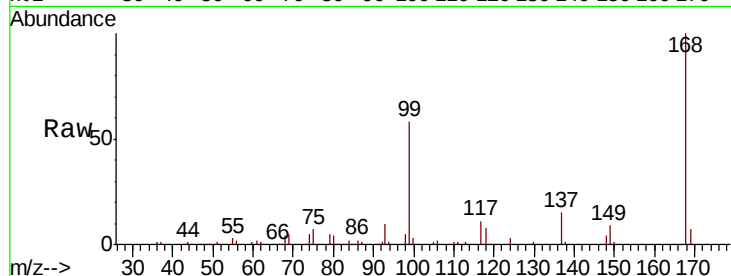




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 572
Delta R.T. 0.01 min
Lab File: VD062845.D
Acq: 24 Jun 2019 17:26

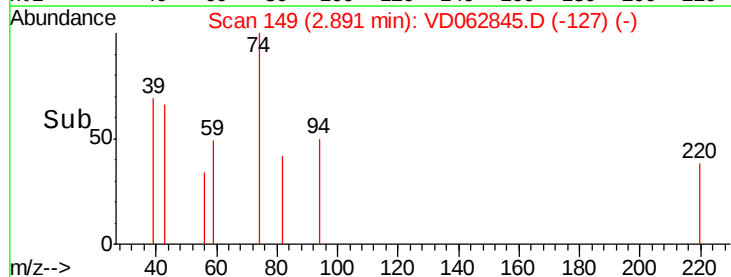
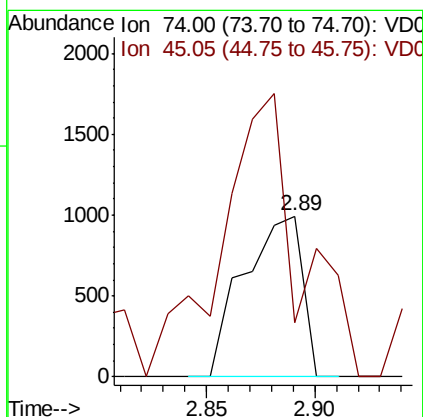
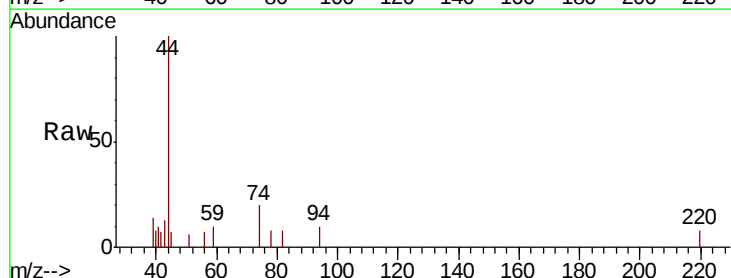
Instrument :
MSVOA_D
ClientSampleId :
B-1(9-10)

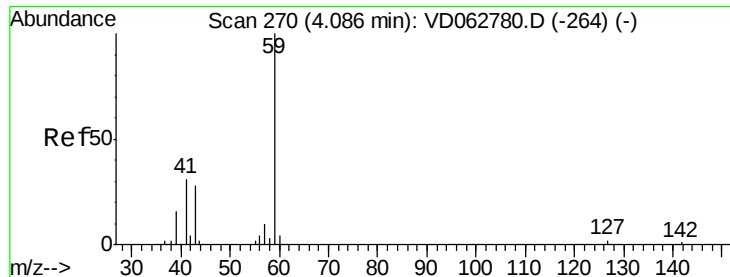
Tot Ion:168 Resp: 692116
Ion Ratio Lower Upper
168 100
99 58.0 53.0 79.6



#8
Diethyl Ether
Concen: 1.098 ug/l
RT: 2.89 min Scan# 149
Delta R.T. 0.02 min
Lab File: VD062845.D
Acq: 24 Jun 2019 17:26

Tgt Ion: 74 Resp: 1886
Ion Ratio Lower Upper
74 100
45 33.6 70.2 210.6#

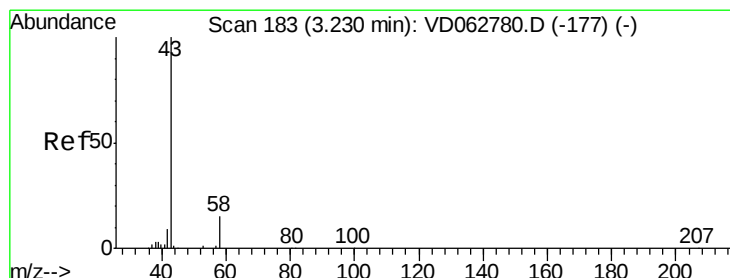
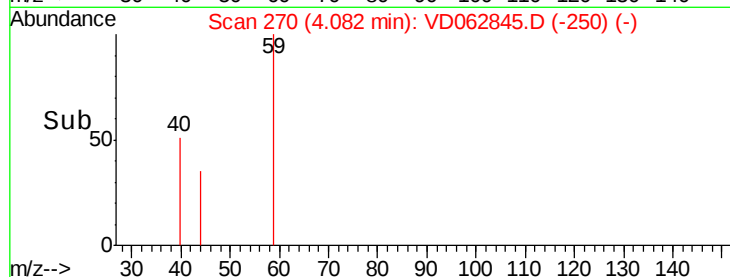
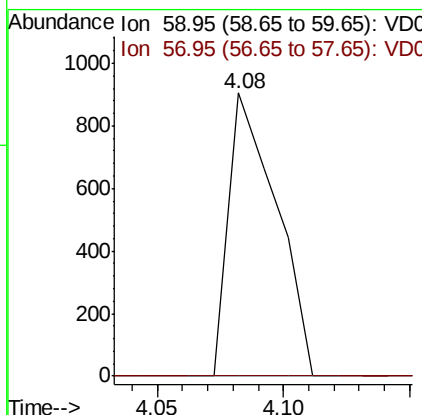
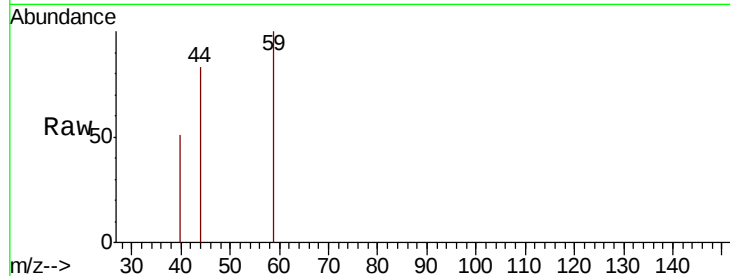




#11
Tert butyl alcohol
Concen: 3.476 ug/l
RT: 4.08 min Scan# 270
Delta R.T. -0.00 min
Lab File: VD062845.D
Acq: 24 Jun 2019 17:26

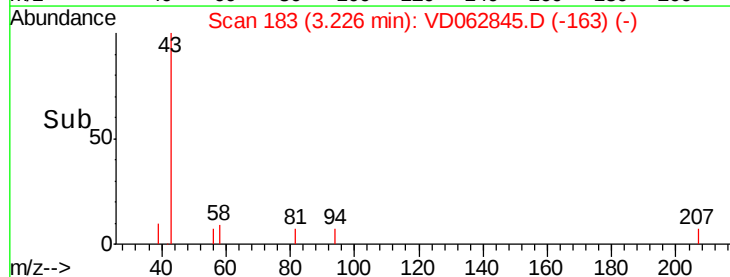
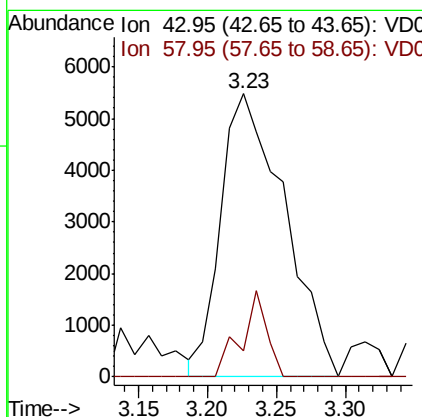
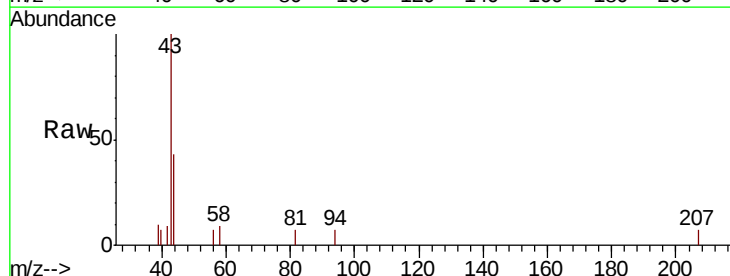
Instrument :
MSVOA_D
ClientSampleId :
B-1(9-10)

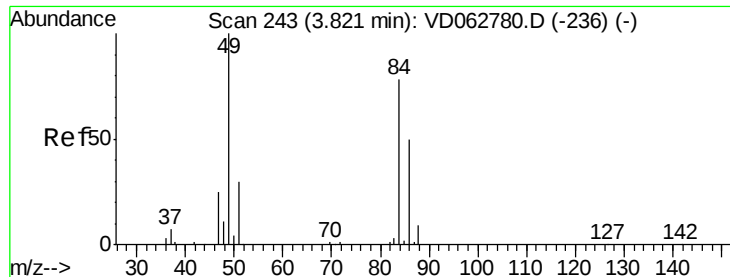
Tot Ion: 59 Resp: 1191
Ion Ratio Lower Upper
59 100
57 0.0 6.6 10.0#



#16
Acetone
Concen: 4.702 ug/l
RT: 3.23 min Scan# 183
Delta R.T. -0.00 min
Lab File: VD062845.D
Acq: 24 Jun 2019 17:26

Tgt Ion: 43 Resp: 17646
Ion Ratio Lower Upper
43 100
58 9.4 11.9 17.9#

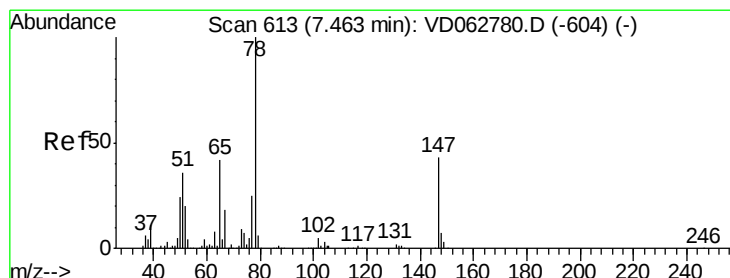
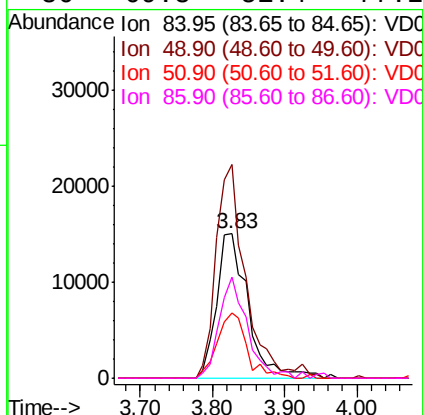
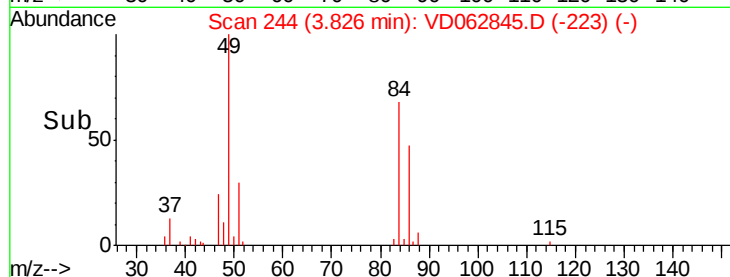
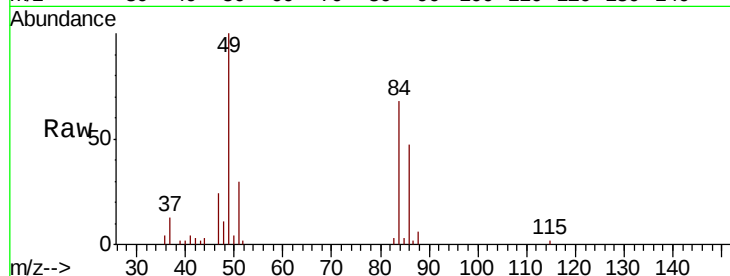




#20
Methvlene Chloride
Concen: 7.916 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.01 min
Lab File: VD062845.D
Acq: 24 Jun 2019 17:26

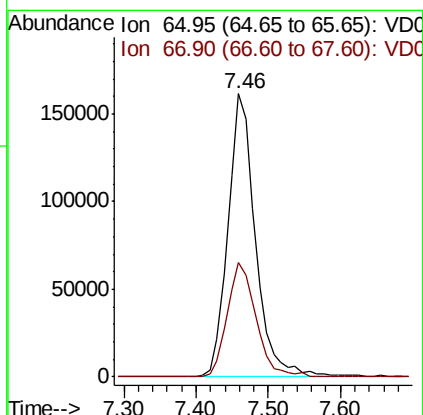
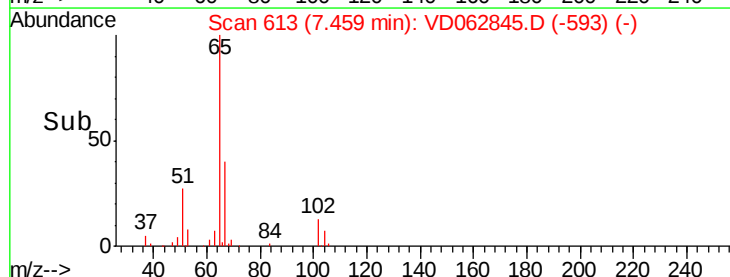
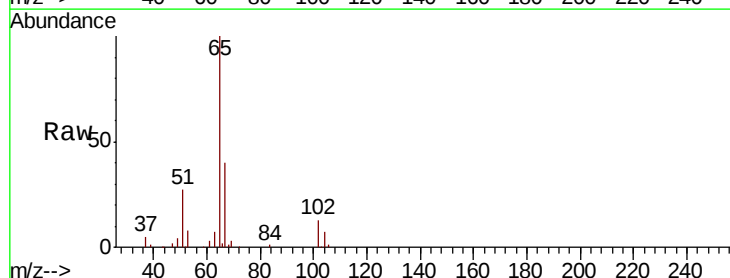
Instrument :
MSVOA_D
ClientSampleId :
B-1(9-10)

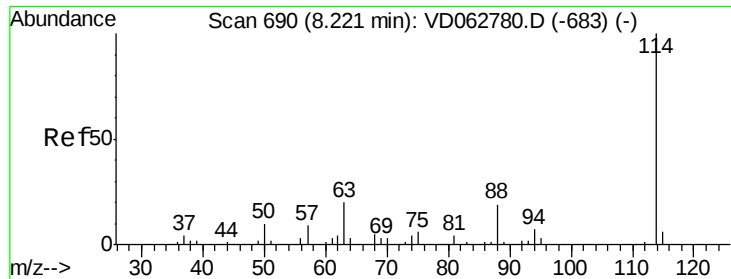
Tot Ion: 84 Resp: 45416
Ion Ratio Lower Upper
84 100
49 147.8 102.9 154.3
51 45.0 31.2 46.8
86 69.8 51.4 77.2



#33
1,2-Dichloroethane-d4
Concen: 56.793 ug/l
RT: 7.46 min Scan# 613
Delta R.T. -0.00 min
Lab File: VD062845.D
Acq: 24 Jun 2019 17:26

Tgt Ion: 65 Resp: 427266
Ion Ratio Lower Upper
65 100
67 40.5 0.0 87.4

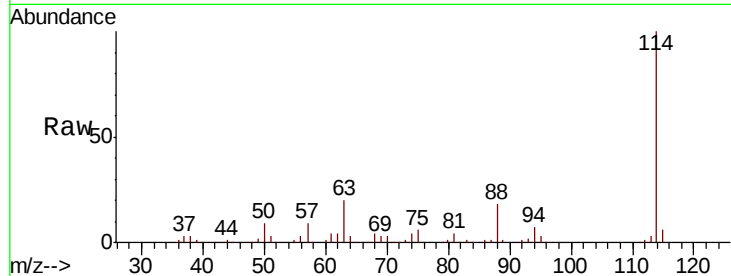




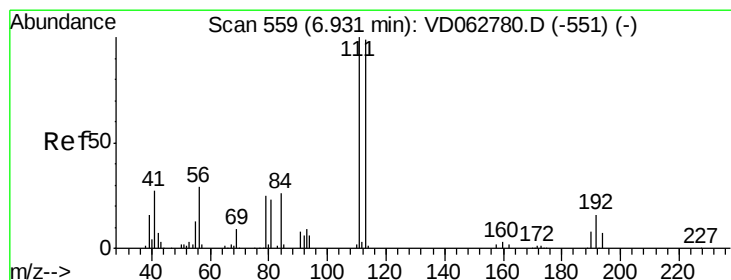
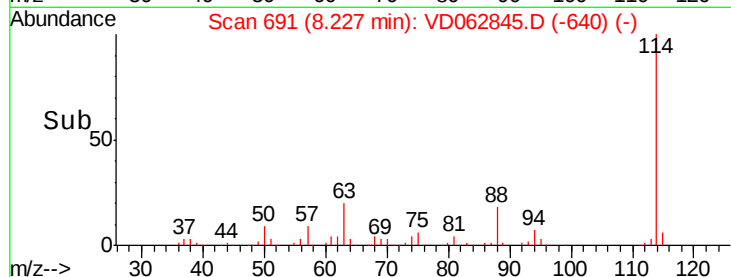
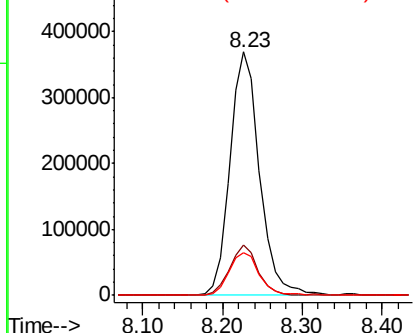
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.23 min Scan# 691
Delta R.T. 0.01 min
Lab File: VD062845.D
Acq: 24 Jun 2019 17:26

Instrument :
MSVOA_D
ClientSampleId :
B-1(9-10)

Tot Ion:114 Resp: 956274
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.0
88 17.7 0.0 38.8

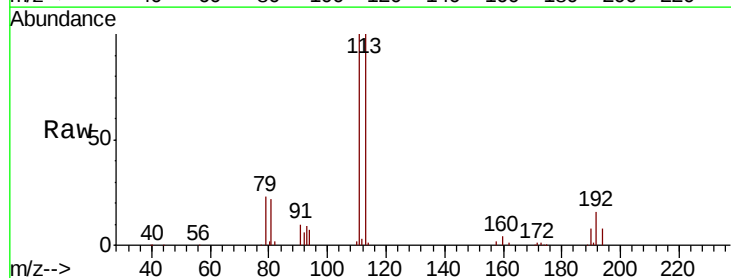


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 62.95 (62.65 to 63.65): V
Ion 87.90 (87.60 to 88.60): V

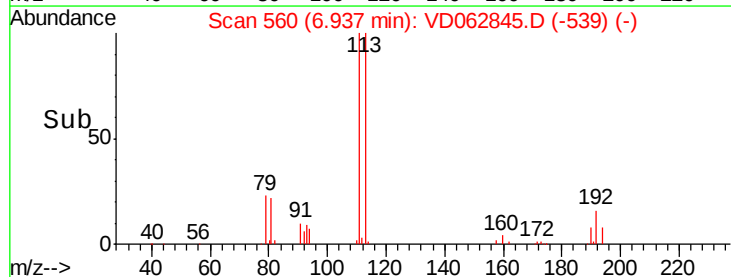
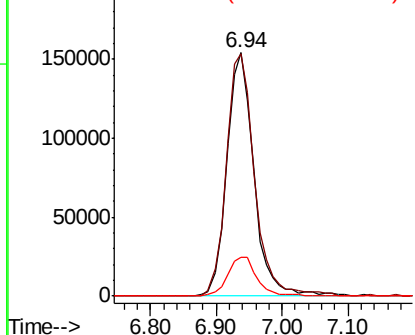


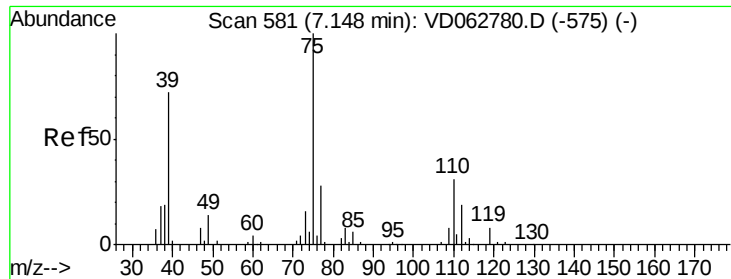
#35
Dibromofluoromethane
Concen: 55.103 ug/l
RT: 6.94 min Scan# 560
Delta R.T. 0.01 min
Lab File: VD062845.D
Acq: 24 Jun 2019 17:26

Tgt Ion:113 Resp: 444307
Ion Ratio Lower Upper
113 100
111 99.7 81.2 121.8
192 16.0 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: 5.888 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.10 min

Lab File: VD062845.D

Acq: 24 Jun 2019 17:26

Instrument :

MSVOA_D

ClientSampleId :

B-1(9-10)

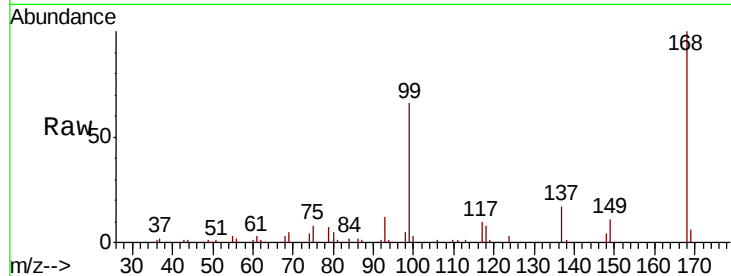
Tot Ion: 75 Resp: 53299

Ion Ratio Lower Upper

75 100

110 11.9 15.0 45.1#

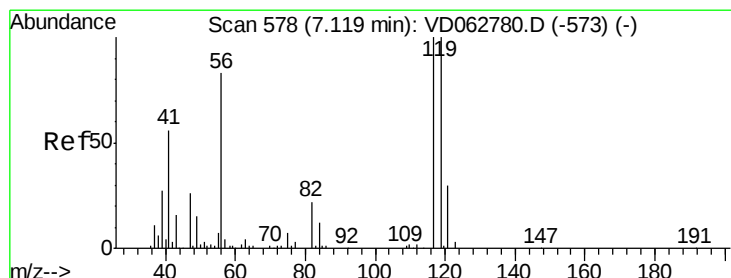
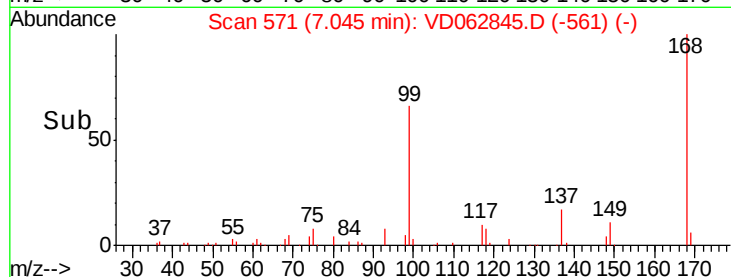
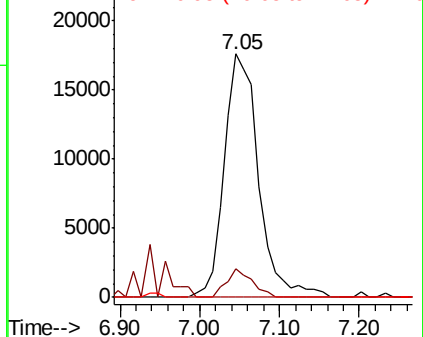
77 0.0 22.2 33.2#



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: 5.242 ug/l

RT: 7.06 min Scan# 572

Delta R.T. -0.06 min

Lab File: VD062845.D

Acq: 24 Jun 2019 17:26

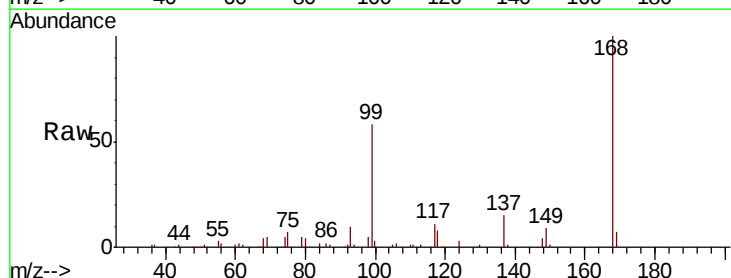
Tgt Ion: 117 Resp: 71364

Ion Ratio Lower Upper

117 100

119 4.3 75.4 113.2#

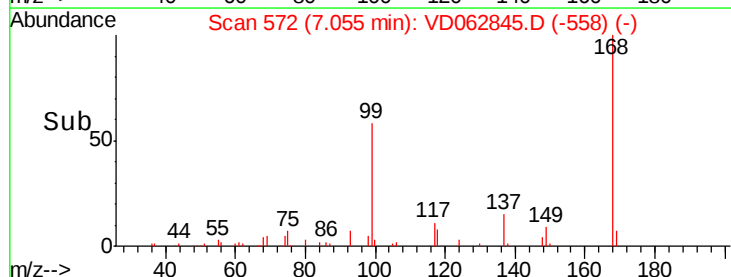
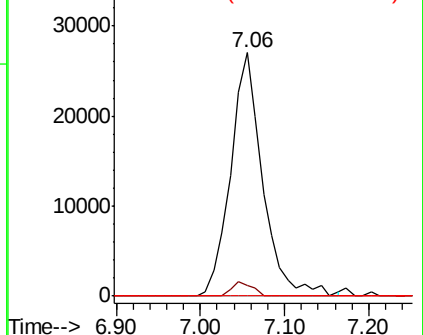
121 0.0 22.3 33.5#

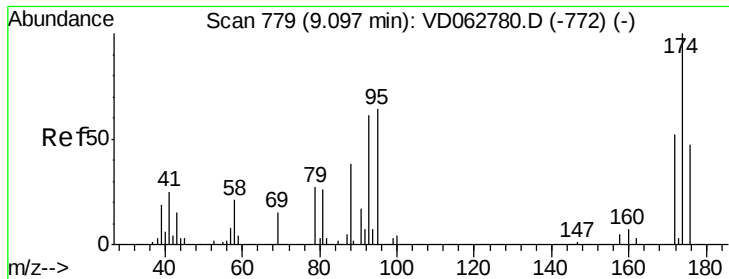


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

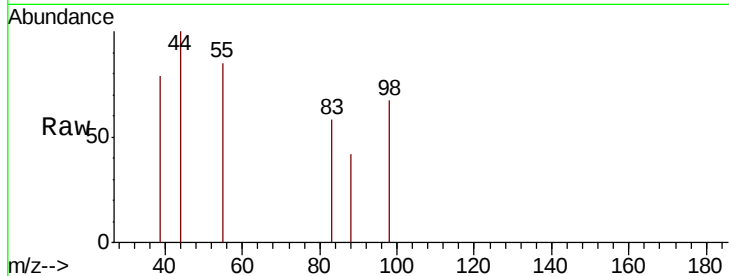




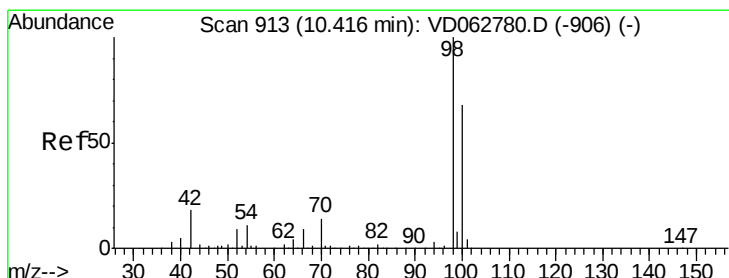
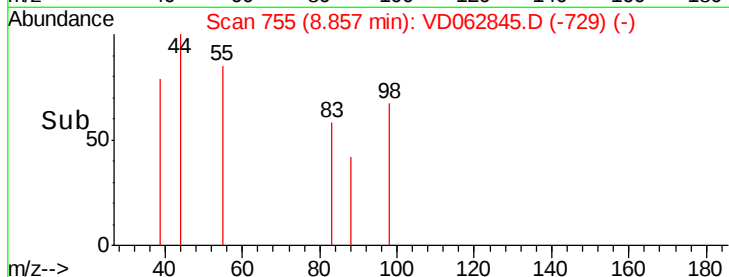
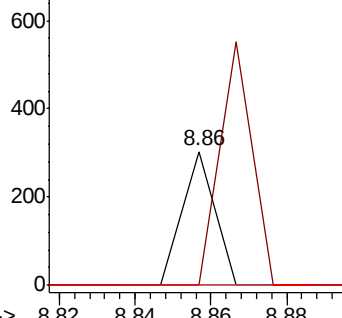
#49
1,4-Dioxane
Concen: 6.379 ug/l
RT: 8.86 min Scan# 755
Delta R.T. -0.24 min
Lab File: VD062845.D
Acq: 24 Jun 2019 17:26

Instrument :
MSVOA_D
ClientSampleId :
B-1(9-10)

Tot Ion: 88 Resp: 179
Ion Ratio Lower Upper
88 100
43 0.0 32.1 48.1#
58 0.0 44.1 66.1#

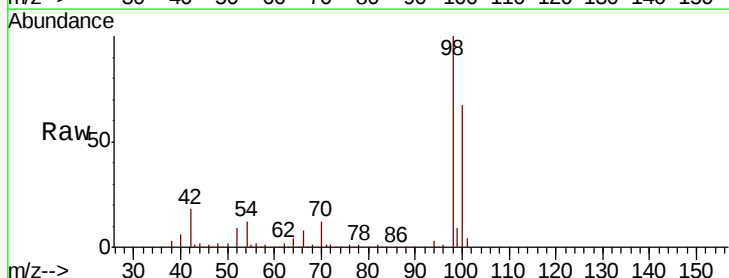


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 57.95 (57.65 to 58.65): VDC

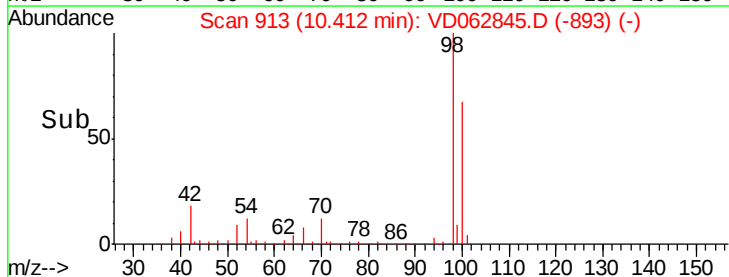
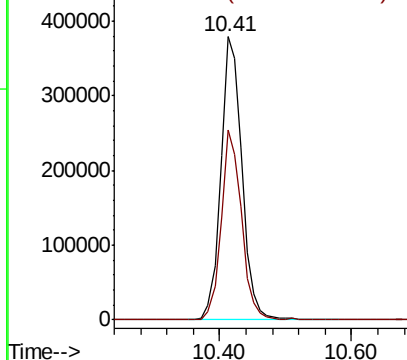


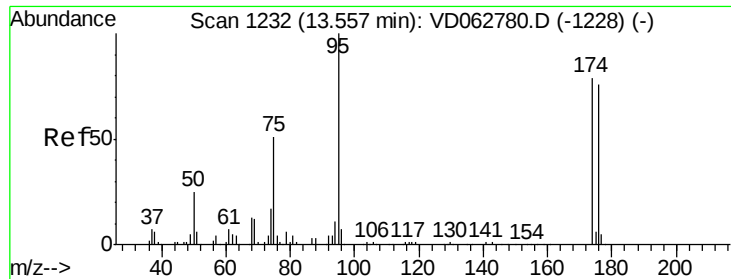
#50
Toluene-d8
Concen: 48.353 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD062845.D
Acq: 24 Jun 2019 17:26

Tgt Ion: 98 Resp: 848572
Ion Ratio Lower Upper
98 100
100 67.0 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC





#62

4-Bromofluorobenzene

Concen: 53.330 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062845.D

Acq: 24 Jun 2019 17:26

Instrument :

MSVOA_D

ClientSampleId :

B-1(9-10)

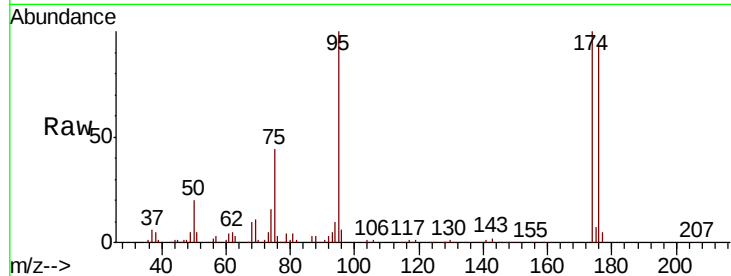
Tot Ion: 95 Resp: 425566

Ion Ratio Lower Upper

95 100

174 99.8 0.0 158.0

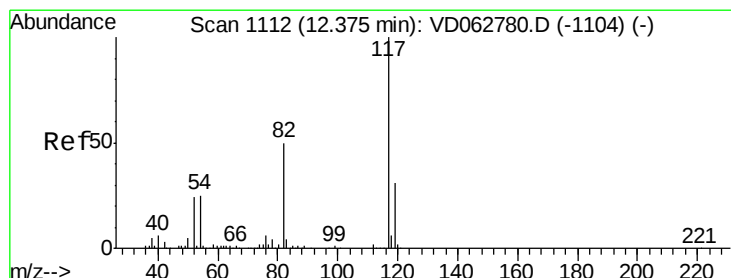
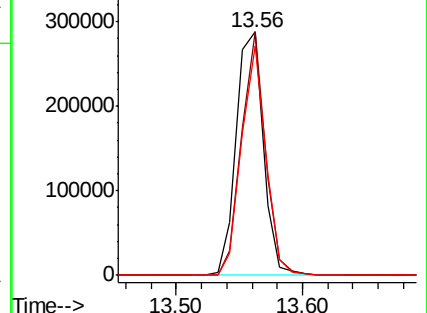
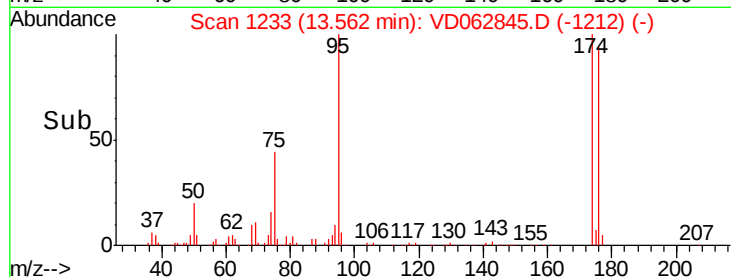
176 94.3 0.0 151.6



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: VD062845.D

Acq: 24 Jun 2019 17:26

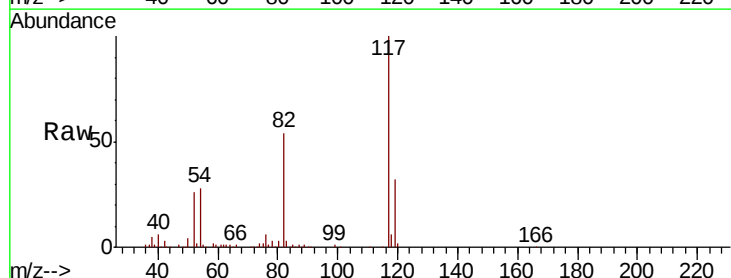
Tgt Ion: 117 Resp: 806529

Ion Ratio Lower Upper

117 100

82 53.9 40.4 60.6

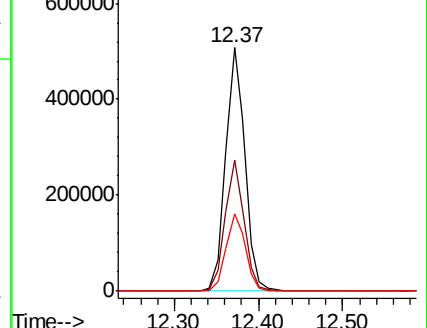
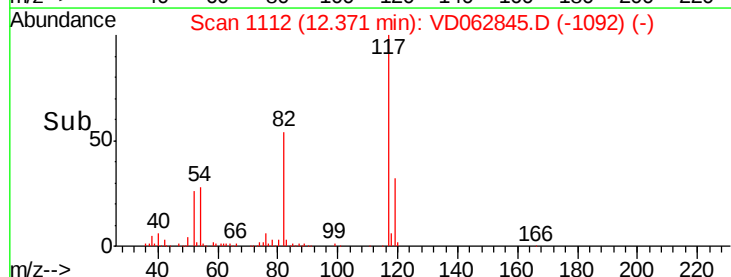
119 31.9 25.2 37.8

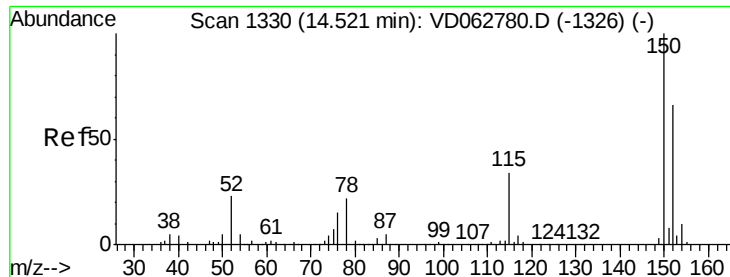


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.52 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VD062845.D

Acq: 24 Jun 2019 17:26

Instrument :

MSVOA_D

ClientSampleId :

B-1(9-10)

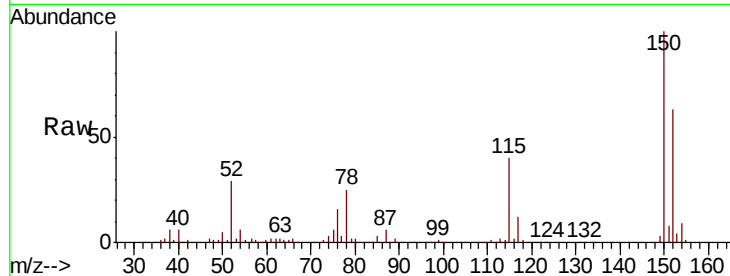
Tot Ion:152 Resp: 391459

Ion Ratio Lower Upper

152 100

115 63.1 29.2 87.6

150 158.8 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

600000

500000

400000

300000

200000

100000

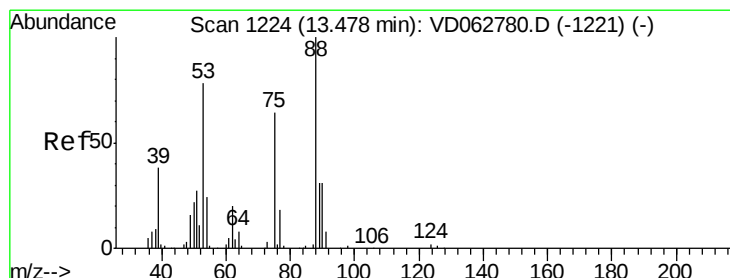
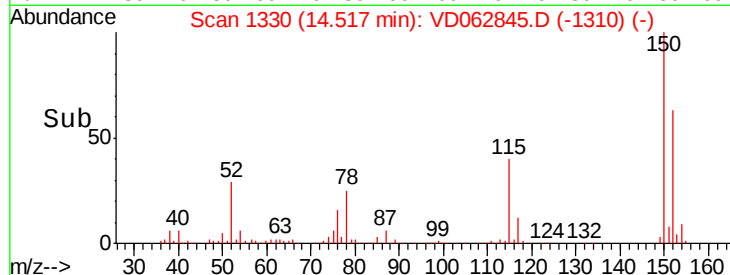
0

14.52

14.50

14.60

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 172.574 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.07 min

Lab File: VD062845.D

Acq: 24 Jun 2019 17:26

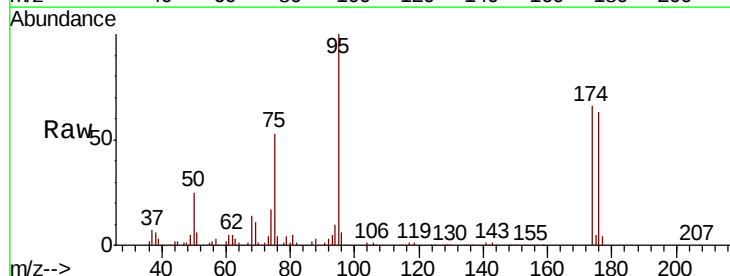
Tgt Ion: 75 Resp: 204395

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

150000

100000

50000

0

13.55

13.50

13.60

Time-->

