

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062419\
 Data File : VD062844.D
 Acq On : 24 Jun 2019 16:59
 Operator : VA/AP
 Sample : K3499-06
 Misc : 5.24g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-6(11-12)

Quant Time: Jun 25 05:04:31 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	7.05	168	762965	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	999068	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	836828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	431962	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	480455	57.93	ug/l	0.00
Spiked Amount			Recovery	=	115.86%	
35) Dibromofluoromethane	6.94	113	473855	56.25	ug/l	0.00
Spiked Amount			Recovery	=	112.50%	
50) Toluene-d8	10.41	98	934228	50.95	ug/l	0.00
Spiked Amount			Recovery	=	101.90%	
62) 4-Bromofluorobenzene	13.56	95	409219	49.09	ug/l	0.00
Spiked Amount			Recovery	=	98.18%	

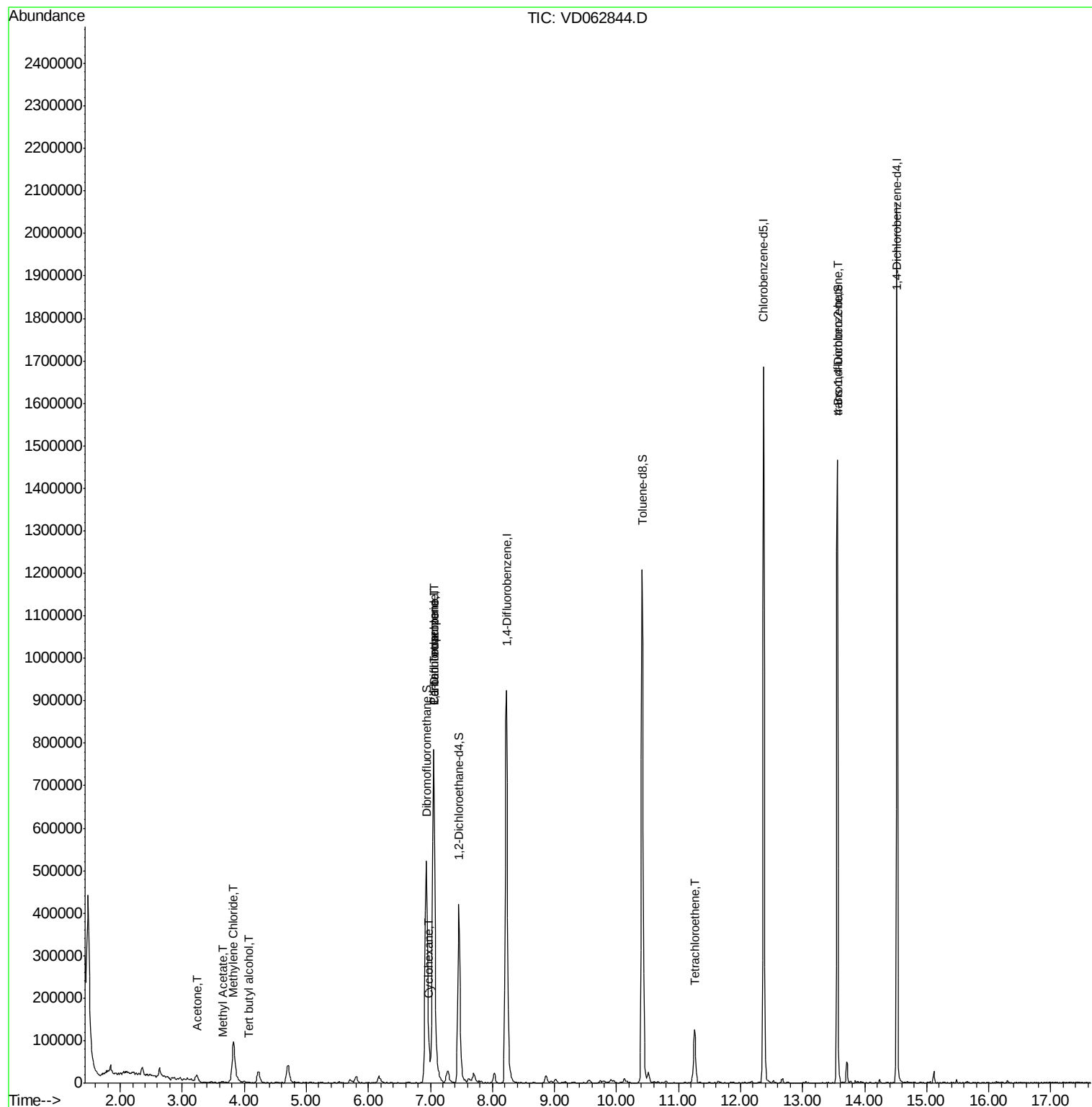
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.06	59	510	1.350	ug/l #	77
16) Acetone	3.24	43	39962	17.248	ug/l #	92
18) Methyl Acetate	3.66	43	5892	2.353	ug/l #	86
20) Methylene Chloride	3.83	84	41351	6.538	ug/l #	80
31) Cyclohexane	6.99	56	8293	1.065	ug/l #	44
36) 1,1-Dichloropropene	7.05	75	59303	6.270	ug/l #	52
37) Ethyl Acetate	6.19	43	379	Below Cal	#	27
38) Carbon Tetrachloride	7.05	117	76174	5.355	ug/l #	17
64) Tetrachloroethene	11.27	164	30631	4.447	ug/l	91
81) trans-1,4-Dichloro-2-buten	13.55	75	202648	155.056	ug/l #	2

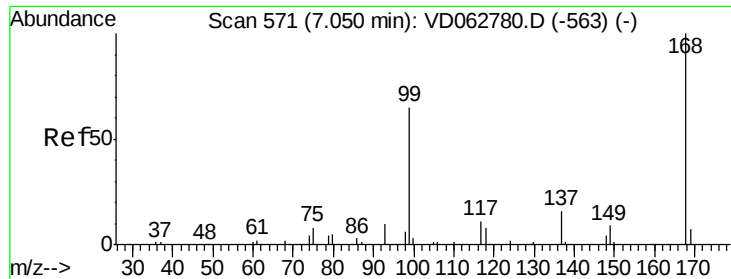
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062419\
Data File : VD062844.D
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Misc : 5.24g/5ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-6(11-12)

Quant Time: Jun 25 05:04:31 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

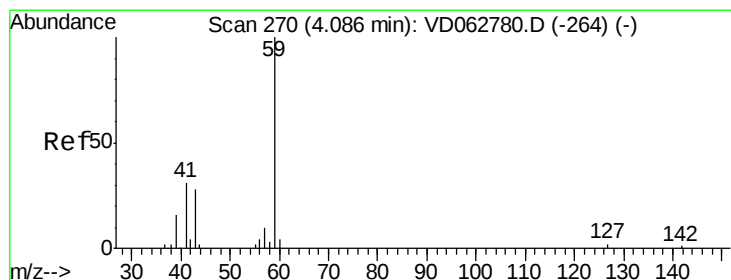
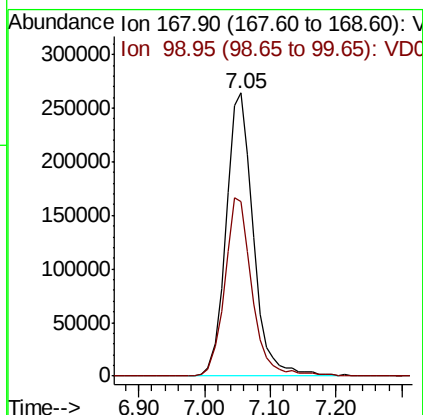
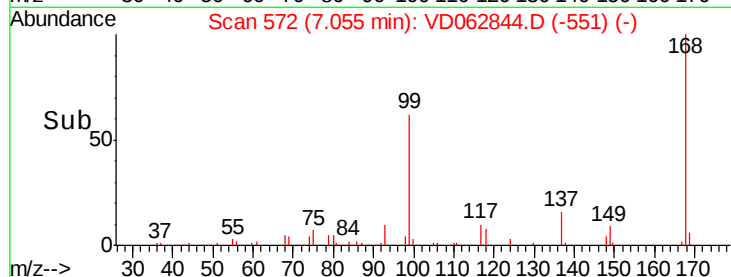
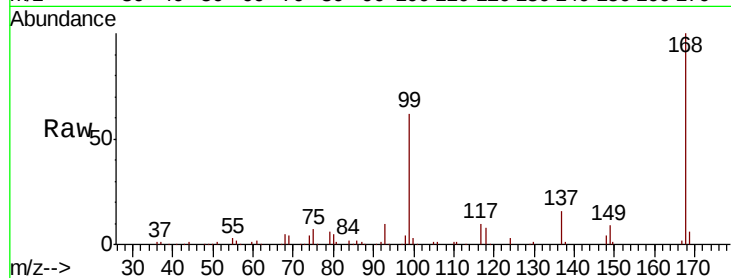




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 572
Delta R.T. 0.01 min
Lab File: VD062844.D
Acq: 24 Jun 2019 16:59

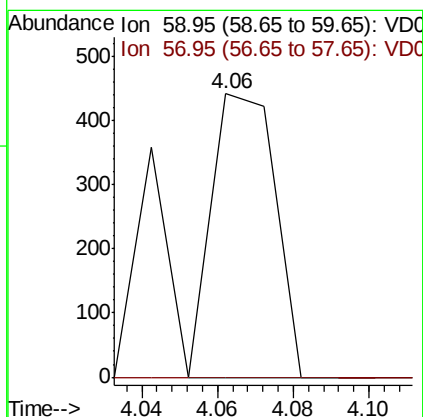
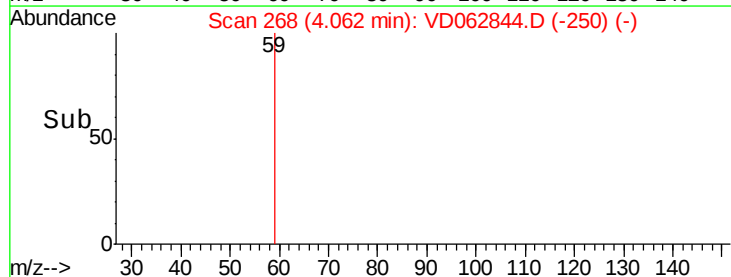
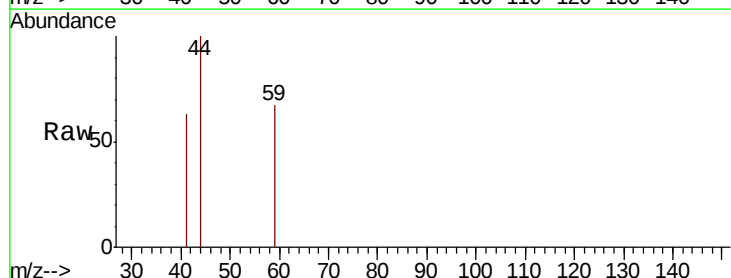
Instrument :
MSVOA_D
ClientSampleId :
B-6(11-12)

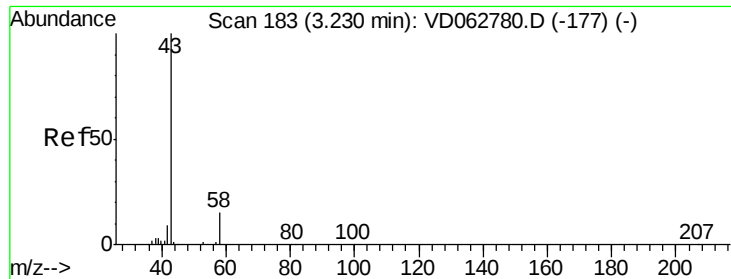
Tot Ion:168 Resp: 762965
Ion Ratio Lower Upper
168 100
99 61.7 53.0 79.6



#11
Tert butyl alcohol
Concen: 1.350 ug/l
RT: 4.06 min Scan# 268
Delta R.T. -0.02 min
Lab File: VD062844.D
Acq: 24 Jun 2019 16:59

Tgt Ion: 59 Resp: 510
Ion Ratio Lower Upper
59 100
57 0.0 6.6 10.0#





#16

Acetone

Concen: 17.248 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.01 min

Lab File: VD062844.D

Acq: 24 Jun 2019 16:59

Instrument :

MSVOA_D

ClientSampleId :

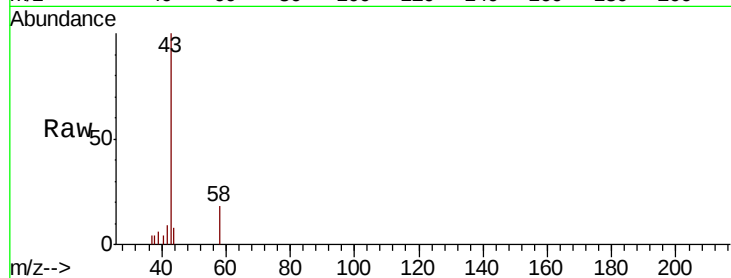
B-6(11-12)

Tot Ion: 43 Resp: 39962

Ion Ratio Lower Upper

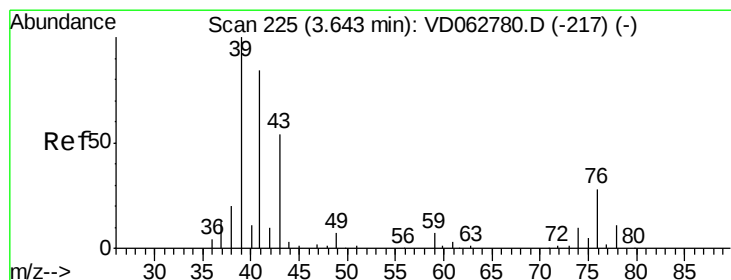
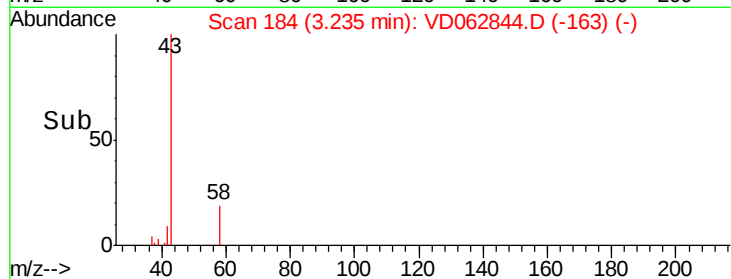
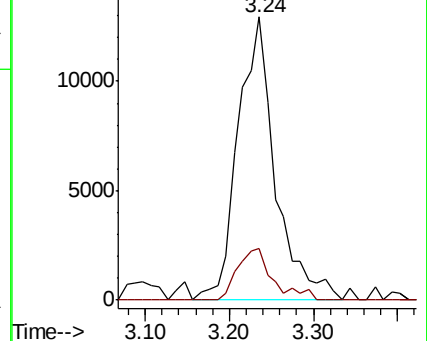
43 100

58 18.3 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#18

Methyl Acetate

Concen: 2.353 ug/l

RT: 3.66 min Scan# 227

Delta R.T. 0.02 min

Lab File: VD062844.D

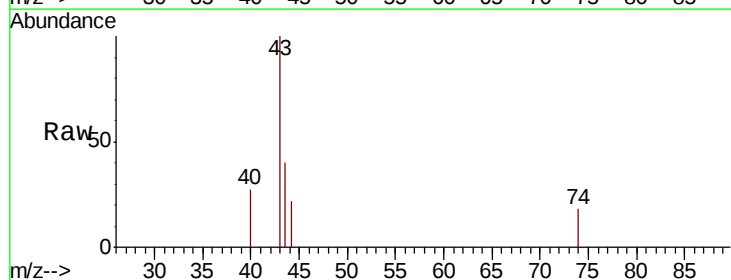
Acq: 24 Jun 2019 16:59

Tgt Ion: 43 Resp: 5892

Ion Ratio Lower Upper

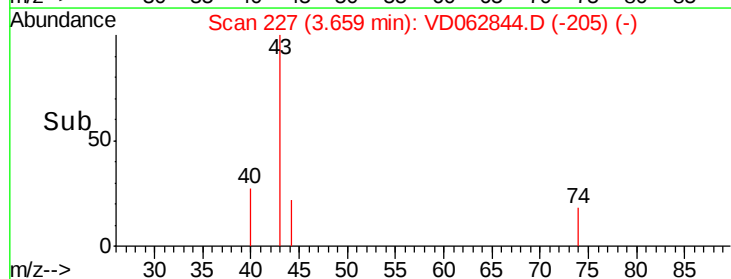
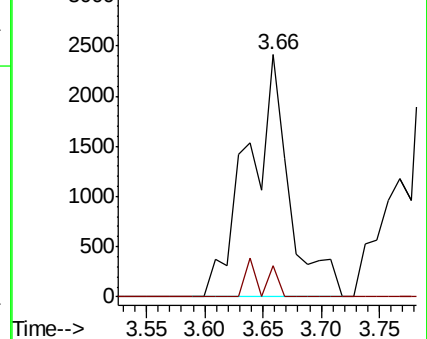
43 100

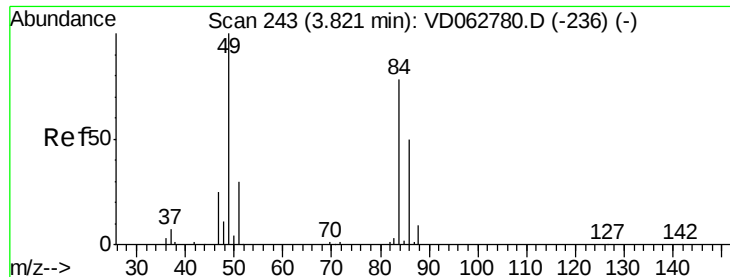
74 12.8 15.2 22.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

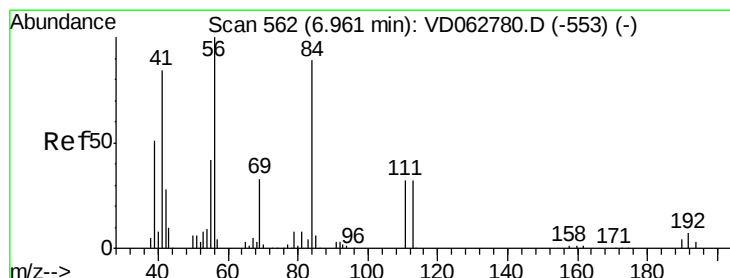
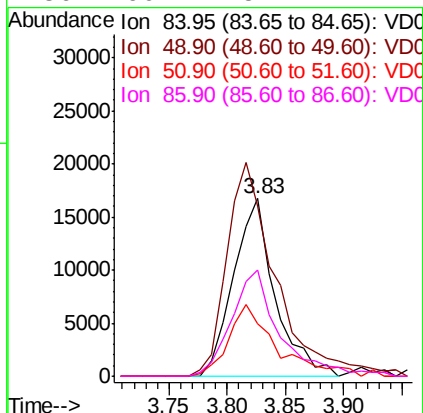
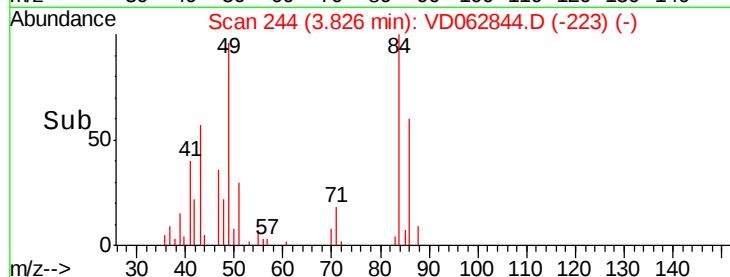
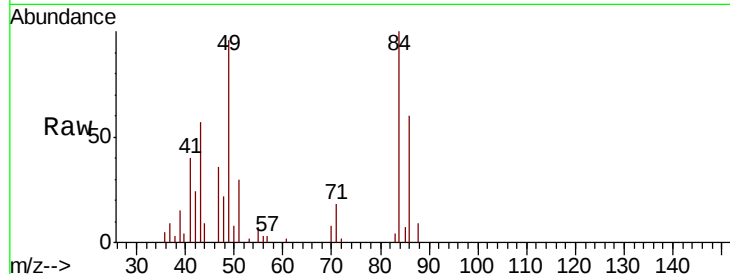




#20
Methvlene Chloride
Concen: 6.538 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.01 min
Lab File: VD062844.D
Acq: 24 Jun 2019 16:59

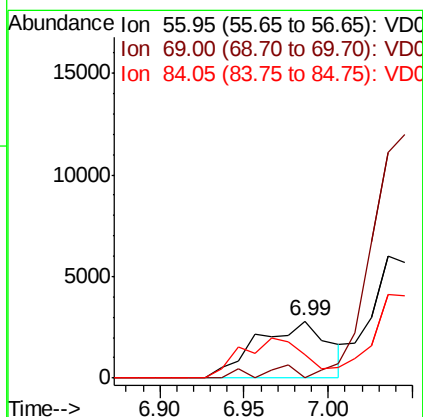
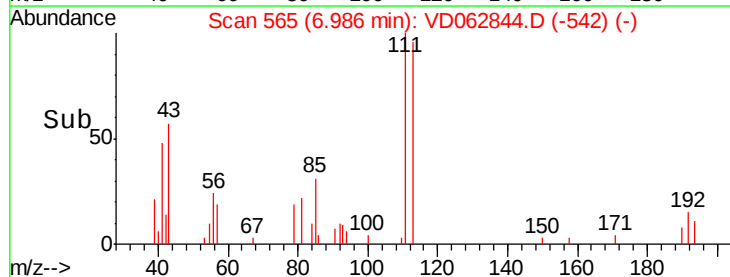
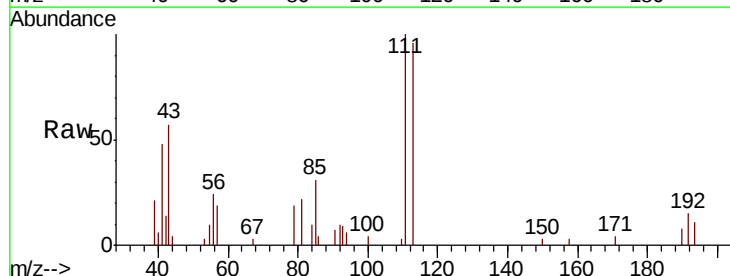
Instrument :
MSVOA_D
ClientSampleId :
B-6(11-12)

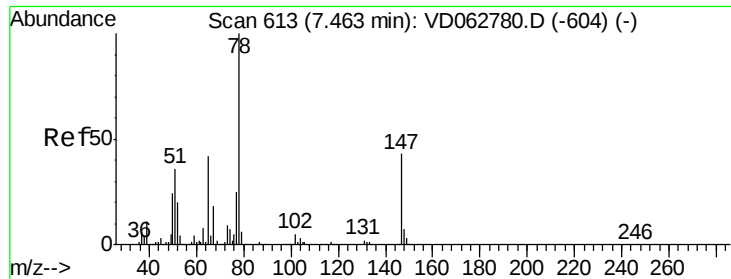
Tot Ion: 84 Resp: 41351
Ion Ratio Lower Upper
84 100
49 95.7 102.9 154.3#
51 29.9 31.2 46.8#
86 60.1 51.4 77.2



#31
Cyclohexane
Concen: 1.065 ug/l
RT: 6.99 min Scan# 565
Delta R.T. 0.03 min
Lab File: VD062844.D
Acq: 24 Jun 2019 16:59

Tgt Ion: 56 Resp: 8293
Ion Ratio Lower Upper
56 100
69 0.0 26.6 39.8#
84 40.7 75.5 113.3#

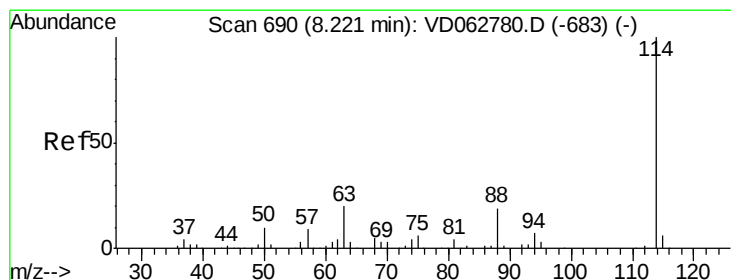
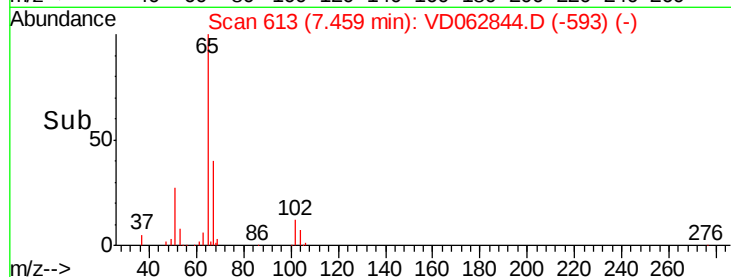
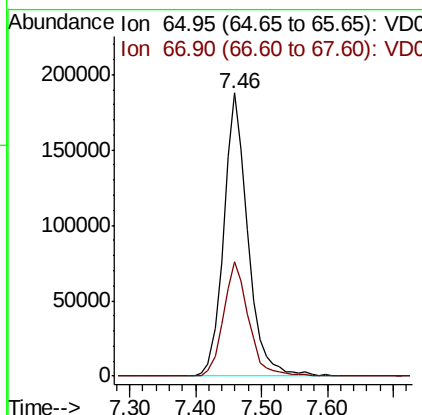
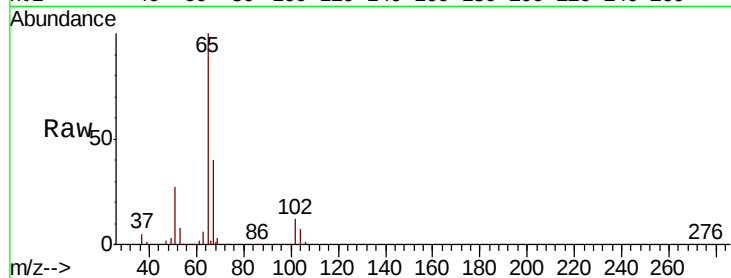




#33
 1,2-Dichloroethane-d4
 Concen: 57.933 ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: VD062844.D
 Acq: 24 Jun 2019 16:59

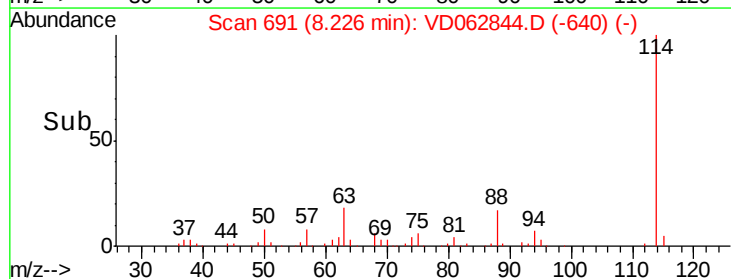
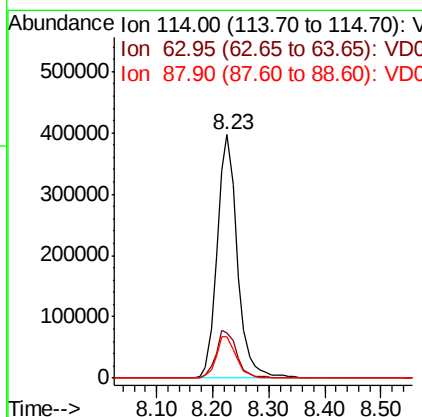
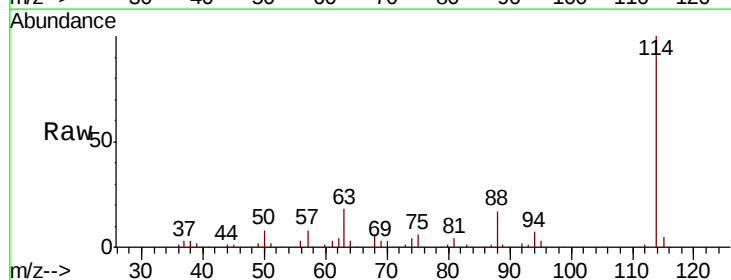
Instrument :
 MSVOA_D
 ClientSampleId :
 B-6(11-12)

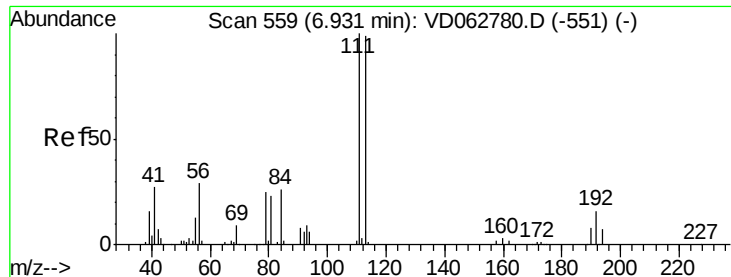
Tot Ion: 65 Resp: 480455
 Ion Ratio Lower Upper
 65 100
 67 40.2 0.0 87.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD062844.D
 Acq: 24 Jun 2019 16:59

Tgt Ion: 114 Resp: 999068
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 40.0
 88 17.0 0.0 38.8





#35

Dibromofluoromethane

Concen: 56.250 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.01 min

Lab File: VD062844.D

Acq: 24 Jun 2019 16:59

Instrument :

MSVOA_D

ClientSampleId :

B-6(11-12)

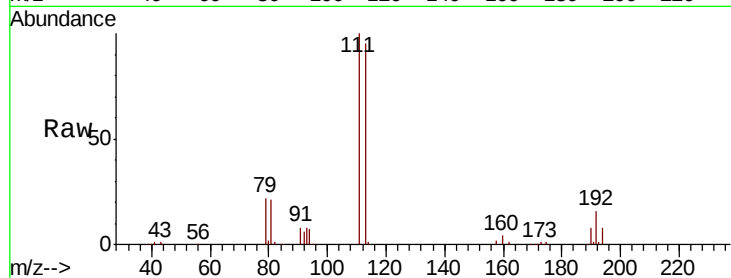
Tot Ion:113 Resp: 473855

Ion Ratio Lower Upper

113 100

111 105.8 81.2 121.8

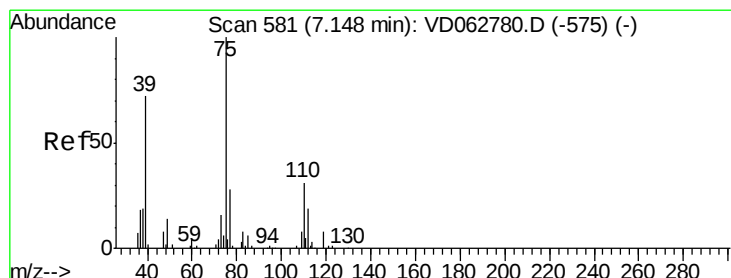
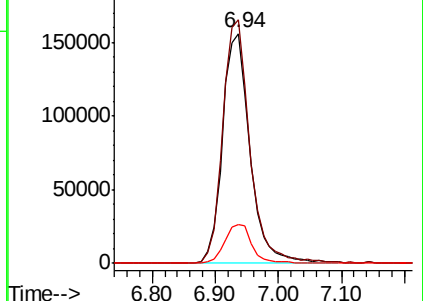
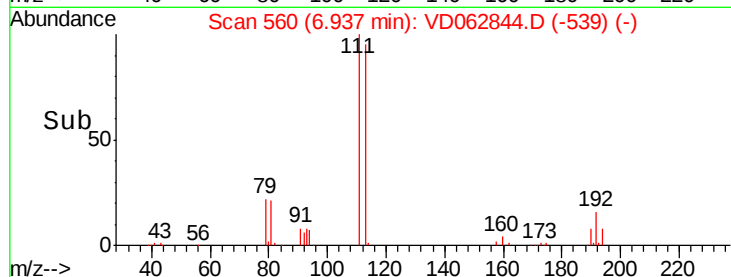
192 16.8 12.9 19.3



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: 6.270 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.10 min

Lab File: VD062844.D

Acq: 24 Jun 2019 16:59

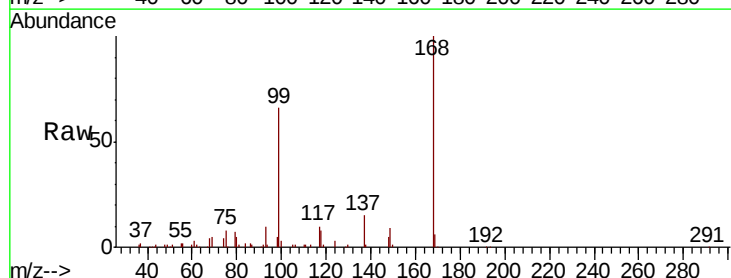
Tgt Ion: 75 Resp: 59303

Ion Ratio Lower Upper

75 100

110 6.7 15.0 45.1#

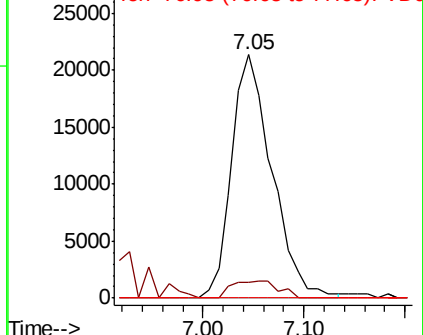
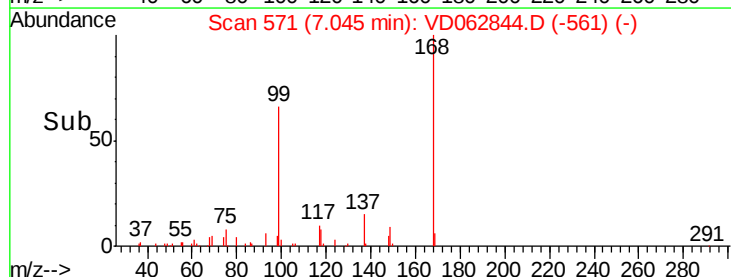
77 0.0 22.2 33.2#

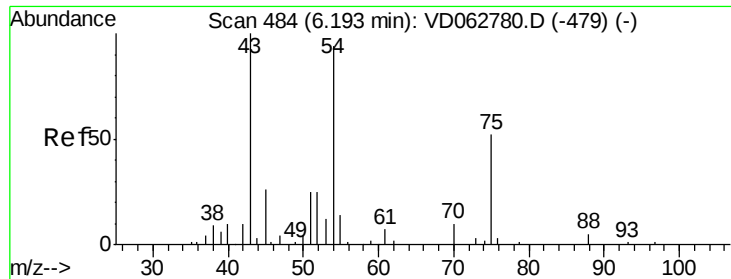


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

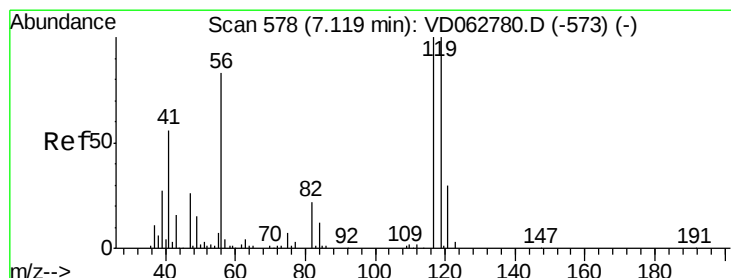
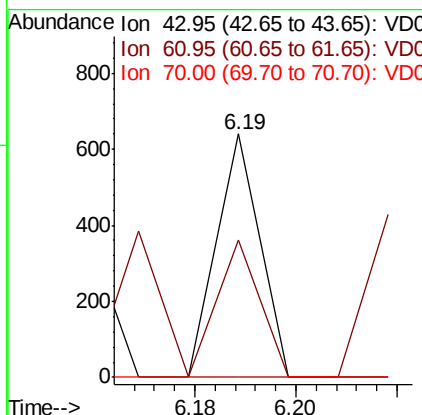
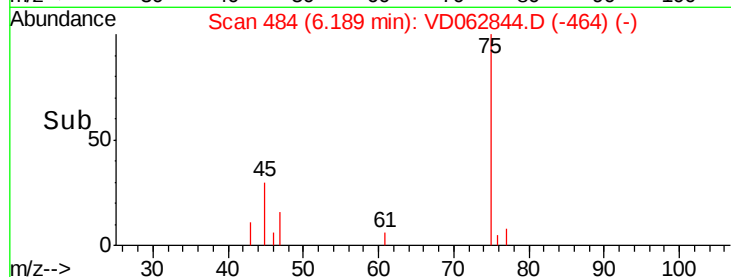
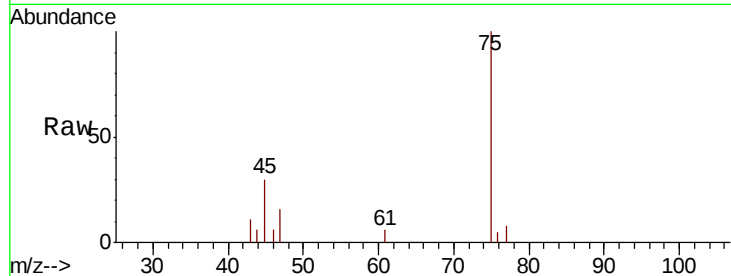




#37
Ethyl Acetate
Concen: Below Cal
RT: 6.19 min Scan# 484
Delta R.T. -0.00 min
Lab File: VD062844.D
Acq: 24 Jun 2019 16:59

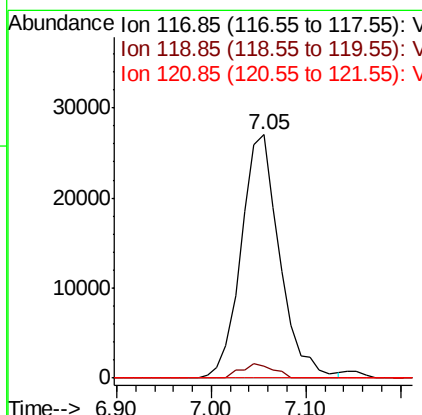
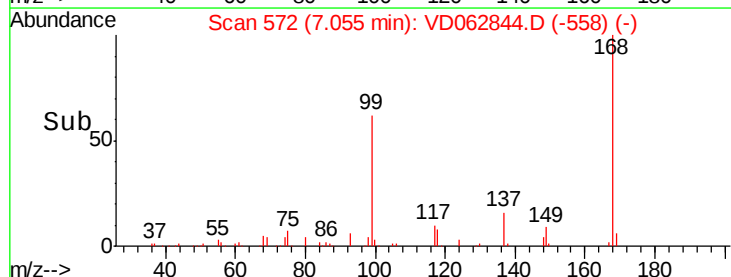
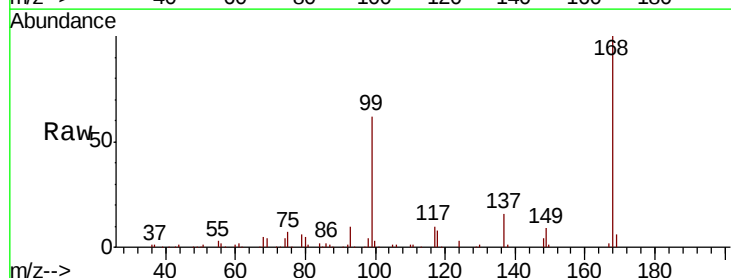
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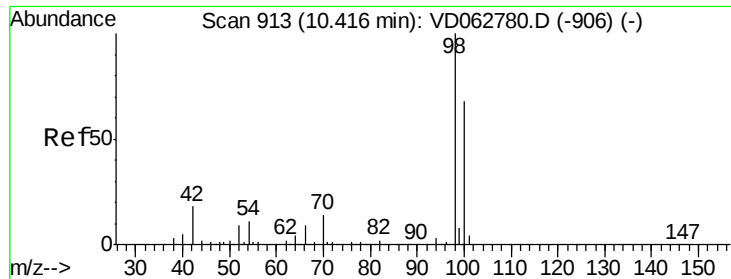
Tot Ion: 43 Resp: 379
Ion Ratio Lower Upper
43 100
61 56.2 11.6 17.4#
70 0.0 6.4 9.6#



#38
Carbon Tetrachloride
Concen: 5.355 ug/l
RT: 7.05 min Scan# 572
Delta R.T. -0.06 min
Lab File: VD062844.D
Acq: 24 Jun 2019 16:59

Tgt Ion: 117 Resp: 76174
Ion Ratio Lower Upper
117 100
119 4.9 75.4 113.2#
121 0.0 22.3 33.5#

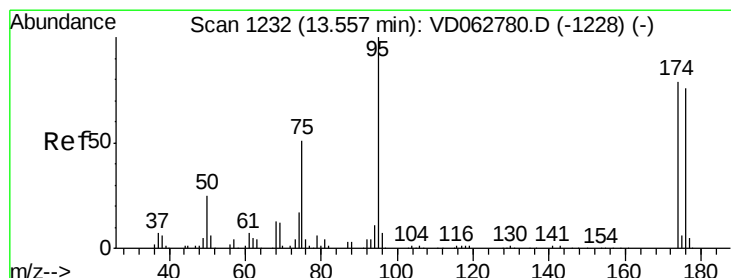
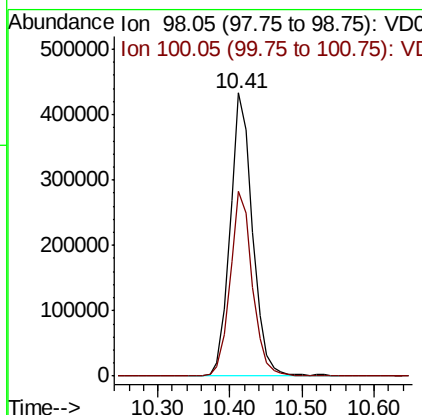
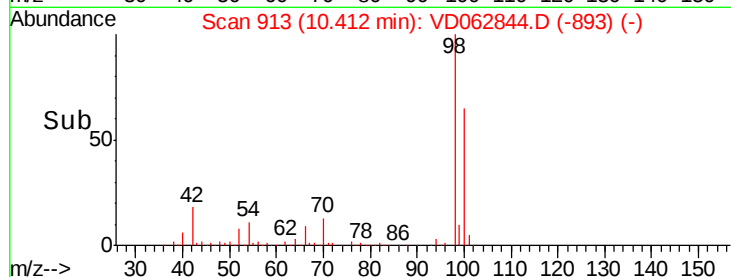
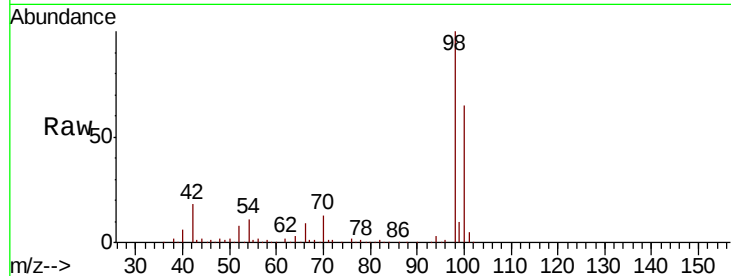




#50
Toluene-d8
Concen: 50.954 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD062844.D
Acq: 24 Jun 2019 16:59

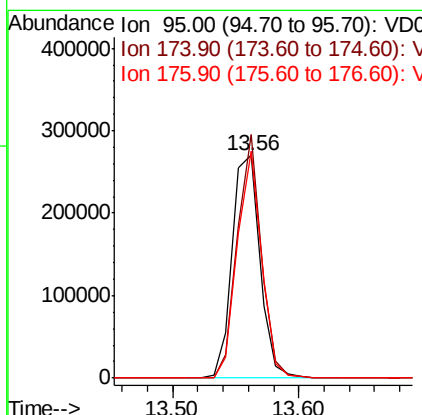
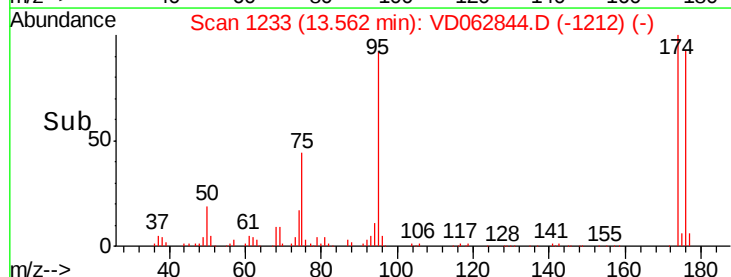
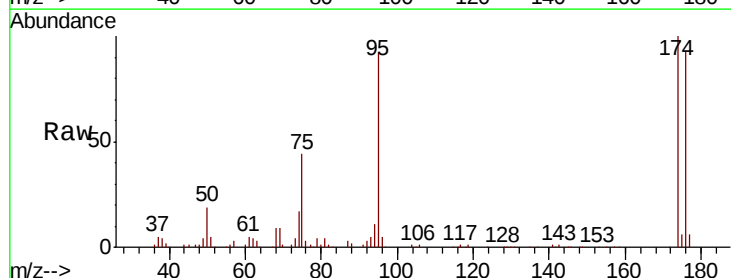
Instrument :
MSVOA_D
ClientSampleId :
B-6(11-12)

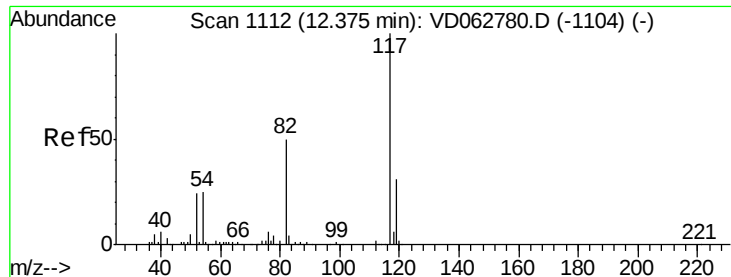
Tot Ion: 98 Resp: 934228
Ion Ratio Lower Upper
98 100
100 65.1 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 49.085 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062844.D
Acq: 24 Jun 2019 16:59

Tgt Ion: 95 Resp: 409219
Ion Ratio Lower Upper
95 100
174 109.3 0.0 158.0
176 102.0 0.0 151.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VD062844.D

Acq: 24 Jun 2019 16:59

Instrument :

MSVOA_D

ClientSampleId :

B-6(11-12)

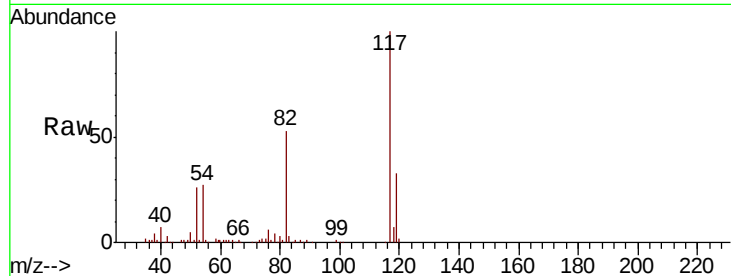
Tot Ion:117 Resp: 836828

Ion Ratio Lower Upper

117 100

82 52.9 40.4 60.6

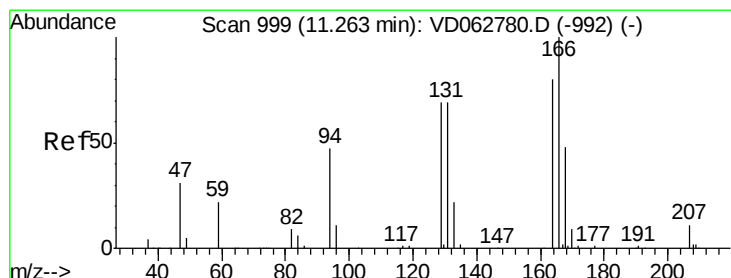
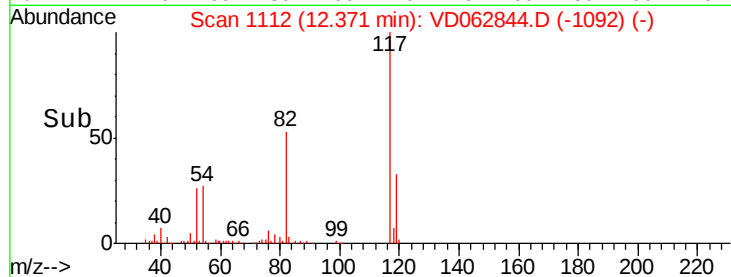
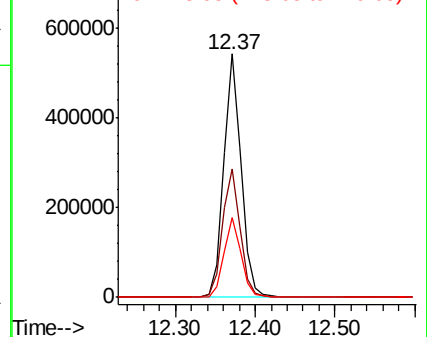
119 32.7 25.2 37.8



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



#64

Tetrachloroethene

Concen: 4.447 ug/l

RT: 11.27 min Scan# 1000

Delta R.T. 0.01 min

Lab File: VD062844.D

Acq: 24 Jun 2019 16:59

Tgt Ion:164 Resp: 30631

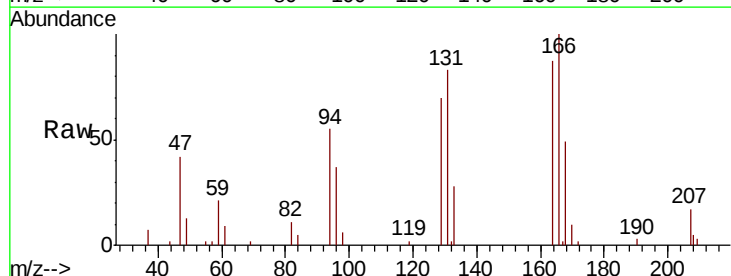
Ion Ratio Lower Upper

164 100

166 114.5 100.6 150.8

129 80.0 69.4 104.0

131 95.2 69.3 103.9

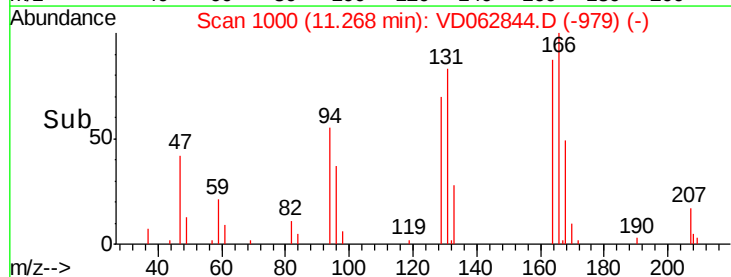
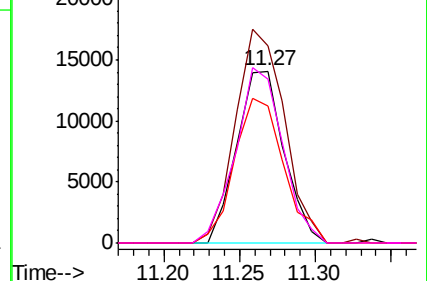


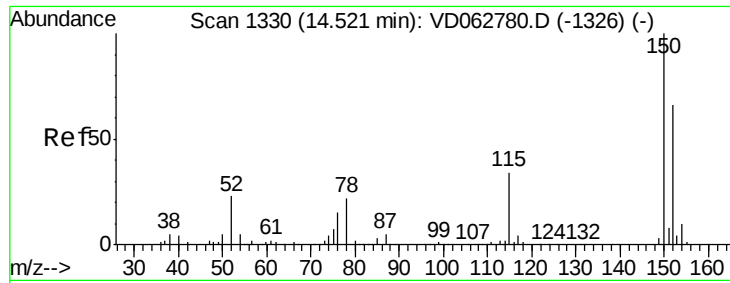
Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.85 (165.55 to 166.55): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VD062844.D

Acq: 24 Jun 2019 16:59

Instrument :

MSVOA_D

ClientSampleId :

B-6(11-12)

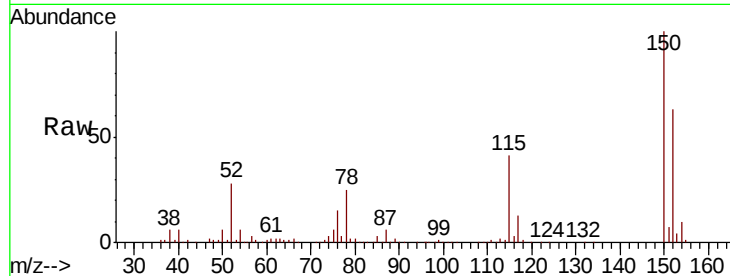
Tot Ion:152 Resp: 431962

Ion Ratio Lower Upper

152 100

115 66.2 29.2 87.6

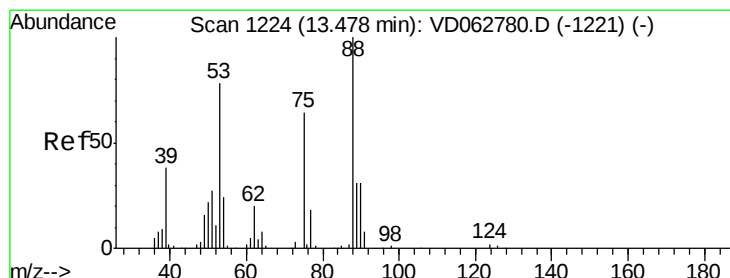
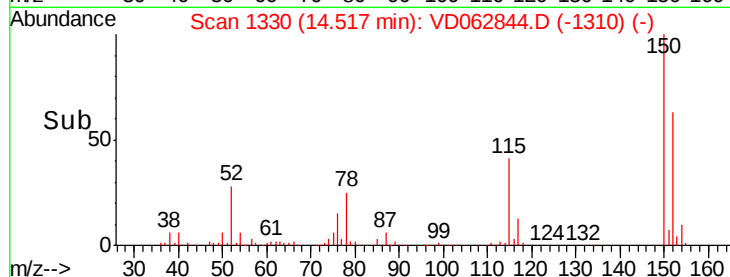
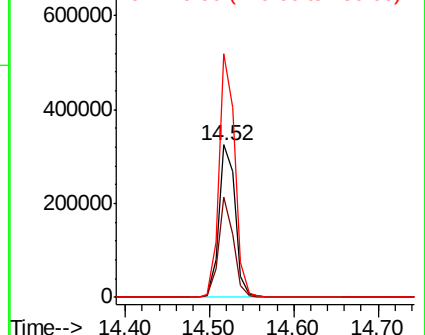
150 160.0 0.0 305.8



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



#81

trans-1,4-Dichloro-2-butene

Concen: 155.056 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.07 min

Lab File: VD062844.D

Acq: 24 Jun 2019 16:59

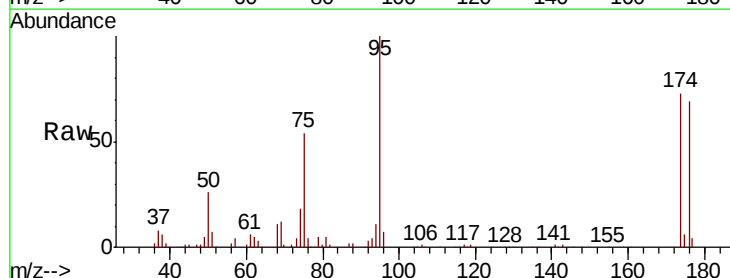
Tgt Ion: 75 Resp: 202648

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): V

Ion 53.00 (52.70 to 53.70): V

Ion 89.00 (88.70 to 89.70): V

