

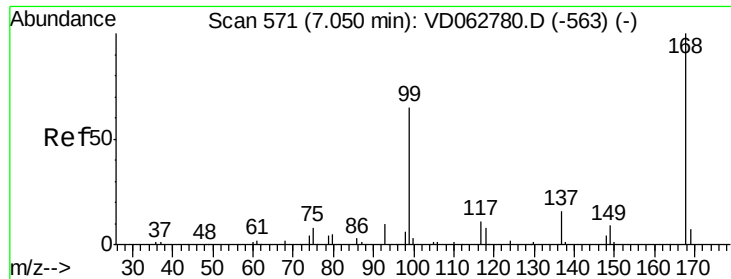
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062119\
 Data File : VD062814.D
 Acq On : 21 Jun 2019 14:15
 Operator : VA/AP
 Sample : K3329-01
 Misc : 5.03g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WASTE

Quant Time: Jun 22 04:13:16 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	617630	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	805666	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.38	117	661981	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	329650	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	303236	45.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.34%	
35) Dibromofluoromethane	6.94	113	314570	46.31	ug/l	0.01
Spiked Amount 50.000			Recovery	=	92.62%	
50) Toluene-d8	10.43	98	633830	42.87	ug/l	0.01
Spiked Amount 50.000			Recovery	=	85.74%	
62) 4-Bromofluorobenzene	13.56	95	262181	39.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.00%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	3.82	84	7660	1.496	ug/l #	85
31) Cyclohexane	7.06	56	16059	2.547	ug/l #	10
36) 1,1-Dichloropropene	7.06	75	48074	6.303	ug/l #	55
37) Ethyl Acetate	6.19	43	823	Below Cal	#	1
38) Carbon Tetrachloride	7.06	117	66314	5.781	ug/l #	14
81) trans-1,4-Dichloro-2-buten	13.56	75	130200	130.542	ug/l #	2

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD062814.D

Acq: 21 Jun 2019 14:15

Instrument :

MSVOA_D

ClientSampleId :

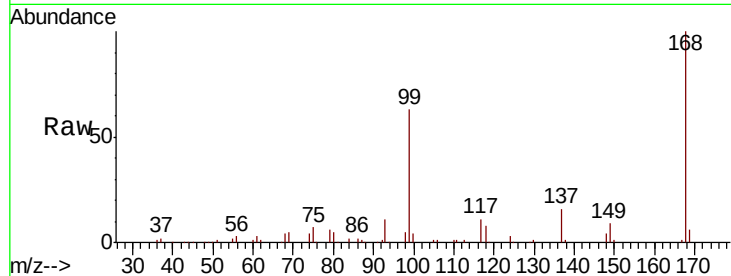
WASTE

Tot Ion:168 Resp: 617630

Ion Ratio Lower Upper

168 100

99 62.7 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

250000

200000

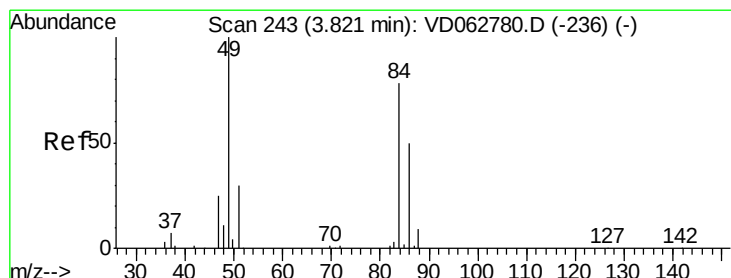
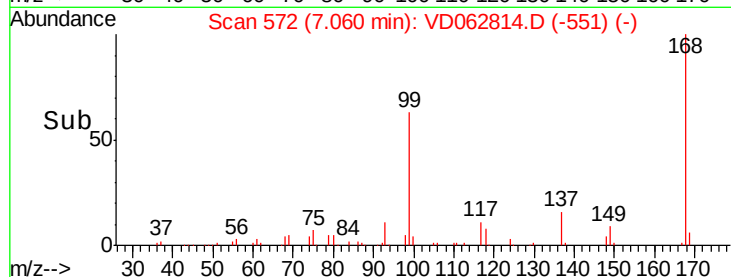
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.496 ug/l

RT: 3.82 min Scan# 243

Delta R.T. 0.00 min

Lab File: VD062814.D

Acq: 21 Jun 2019 14:15

Tgt Ion: 84 Resp: 7660

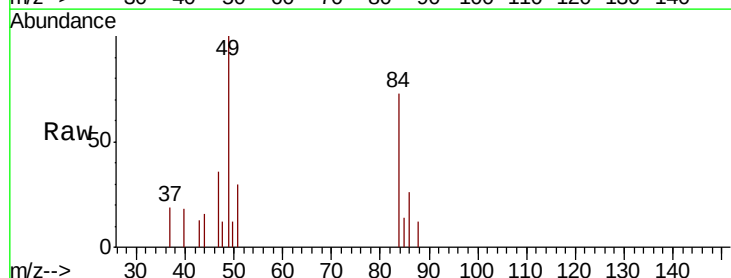
Ion Ratio Lower Upper

84 100

49 137.8 102.9 154.3

51 41.6 31.2 46.8

86 35.2 51.4 77.2#



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

5000

4000

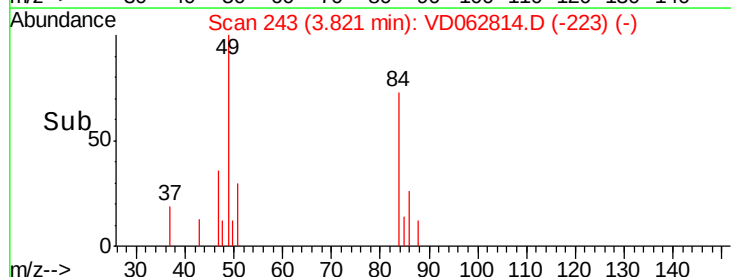
3000

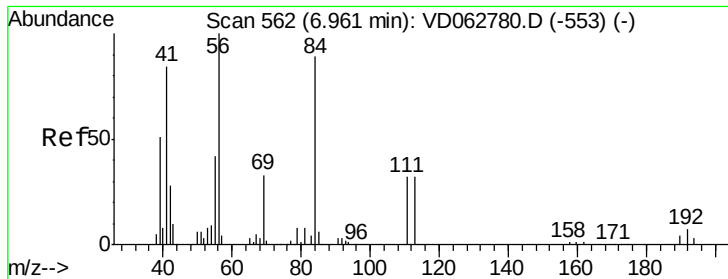
2000

1000

0

Time-->

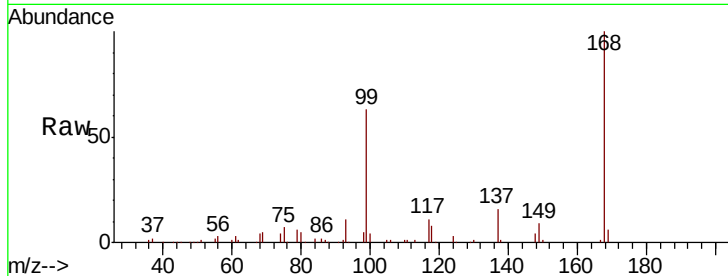




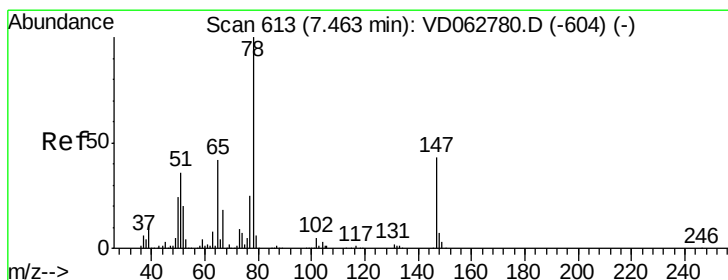
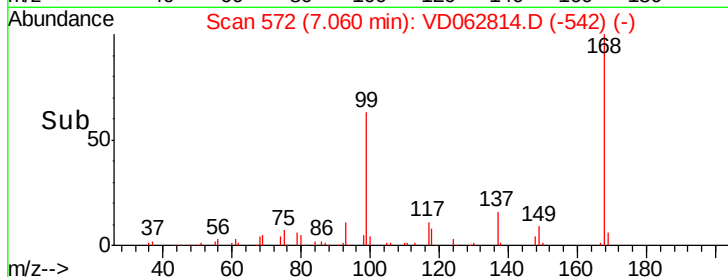
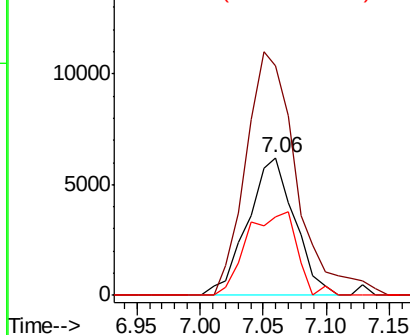
#31
Cyclohexane
Concen: 2.547 ug/l
RT: 7.06 min Scan# 572
Delta R.T. 0.10 min
Lab File: VD062814.D
Acq: 21 Jun 2019 14:15

Instrument :
MSVOA_D
ClientSampleId :
WASTE

Tot Ion: 56 Resp: 16059
Ion Ratio Lower Upper
56 100
69 167.4 26.6 39.8#
84 56.8 75.5 113.3#

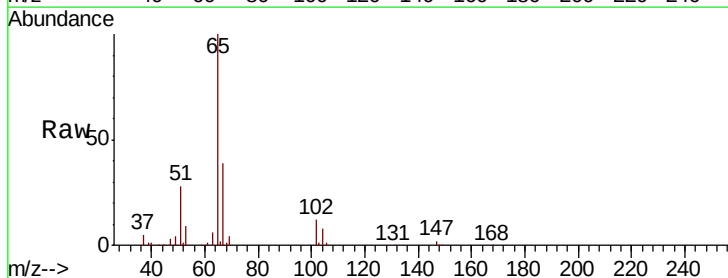


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

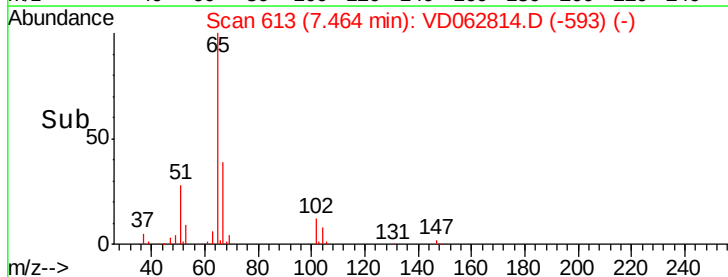
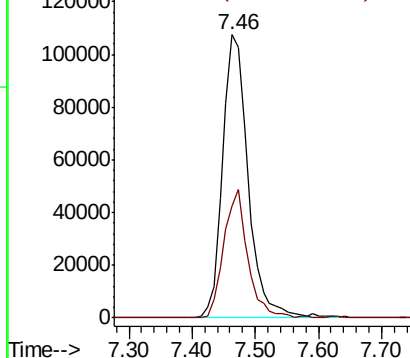


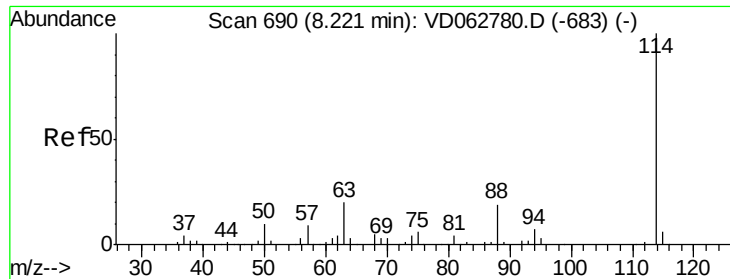
#33
1,2-Dichloroethane-d4
Concen: 45.168 ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.00 min
Lab File: VD062814.D
Acq: 21 Jun 2019 14:15

Tgt Ion: 65 Resp: 303236
Ion Ratio Lower Upper
65 100
67 39.3 0.0 87.4



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

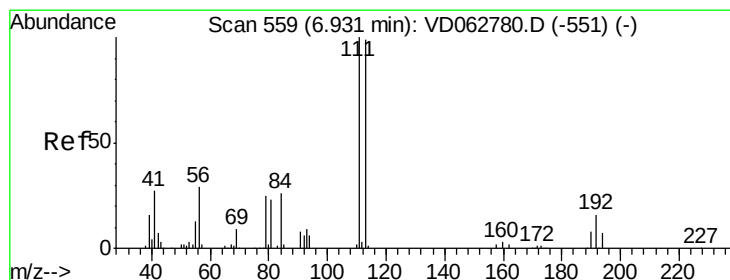
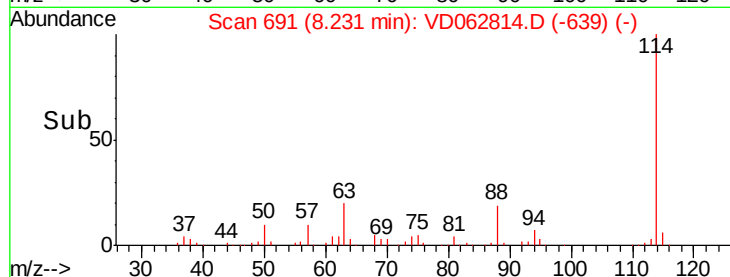
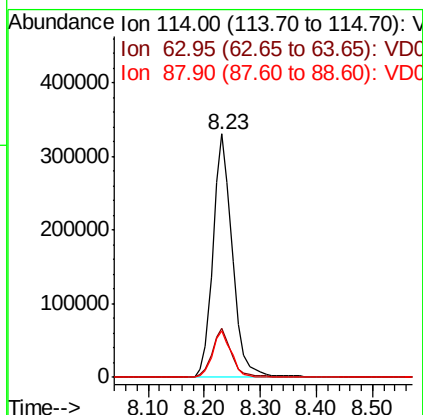
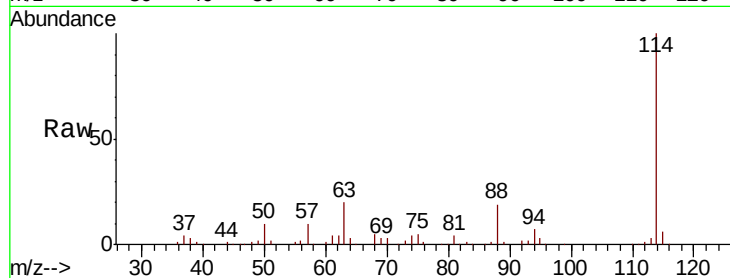




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD062814.D
 Acq: 21 Jun 2019 14:15

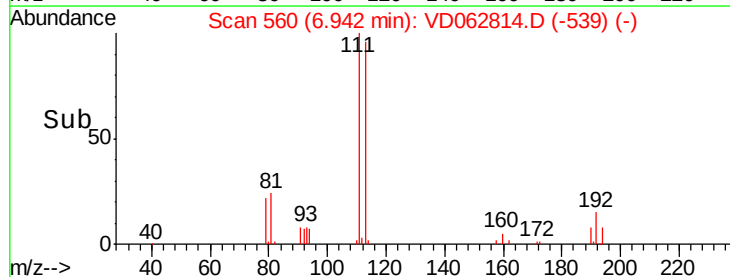
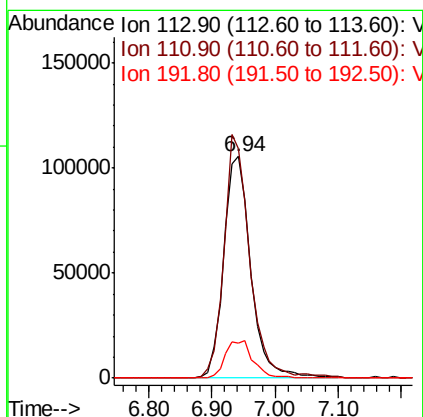
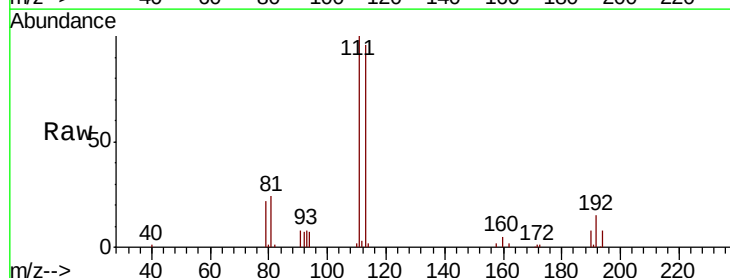
Instrument :
 MSVOA_D
 ClientSampleId :
 WASTE

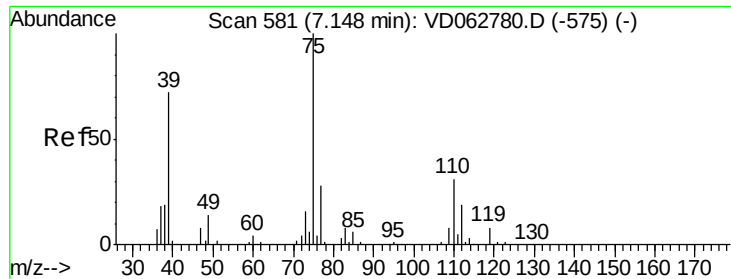
Tot Ion:114 Resp: 805666
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 18.9 0.0 38.8



#35
 Dibromofluoromethane
 Concen: 46.306 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: VD062814.D
 Acq: 21 Jun 2019 14:15

Tgt Ion:113 Resp: 314570
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.2 121.8
 192 15.7 12.9 19.3

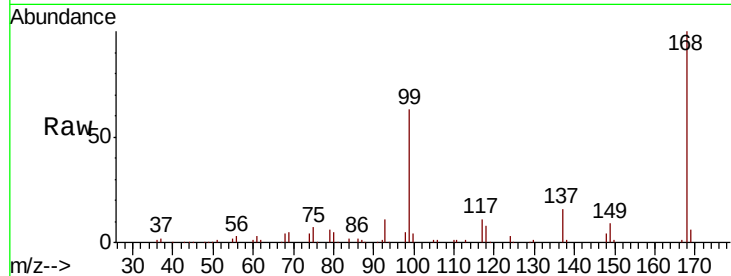




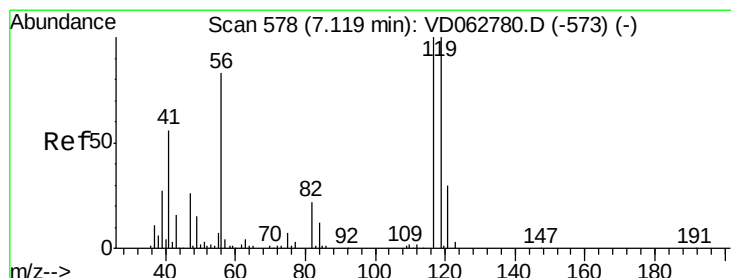
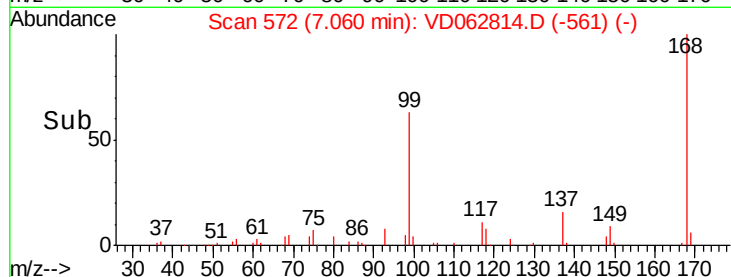
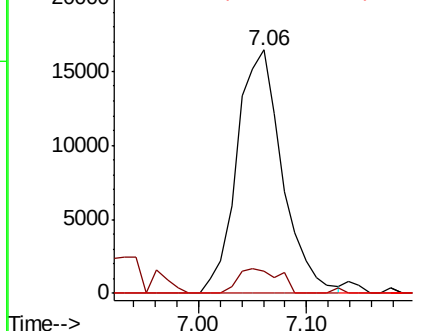
#36
 1,1-Dichloropropene
 Concen: 6.303 ug/l
 RT: 7.06 min Scan# 572
 Delta R.T. -0.09 min
 Lab File: VD062814.D
 Acq: 21 Jun 2019 14:15

Instrument :
 MSVOA_D
 ClientSampleId :
 WASTE

Tot Ion	75	Resp	48074
Ion Ratio	100	Lower	Upper
75	100		
110	9.1	15.0	45.1#
77	0.0	22.2	33.2#

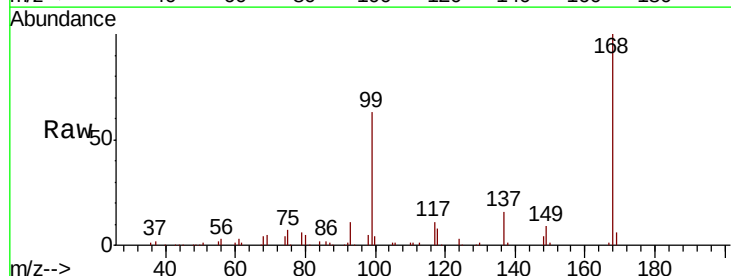


Abundance Ion 75.00 (74.70 to 75.70): VDC
 Ion 109.90 (109.60 to 110.60): VDC
 Ion 76.95 (76.65 to 77.65): VDC

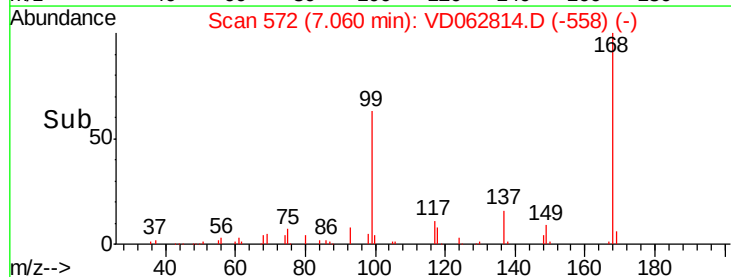
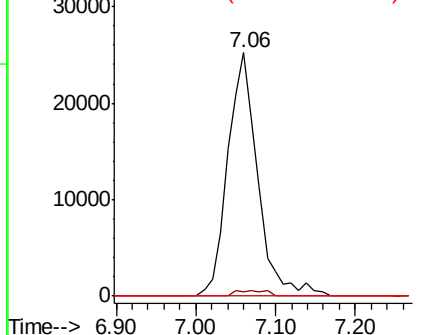


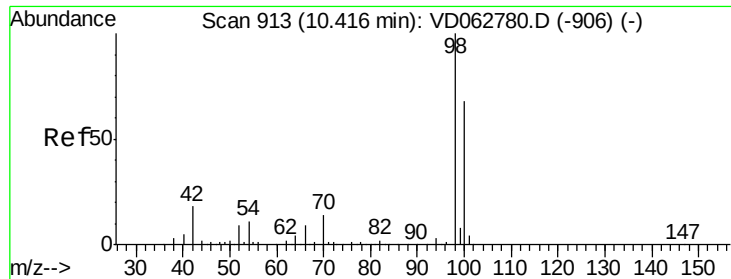
#38
 Carbon Tetrachloride
 Concen: 5.781 ug/l
 RT: 7.06 min Scan# 572
 Delta R.T. -0.06 min
 Lab File: VD062814.D
 Acq: 21 Jun 2019 14:15

Tgt Ion	117	Resp	66314
Ion Ratio	100	Lower	Upper
117	100		
119	2.0	75.4	113.2#
121	0.0	22.3	33.5#



Abundance Ion 116.85 (116.55 to 117.55): VDC
 Ion 118.85 (118.55 to 119.55): VDC
 Ion 120.85 (120.55 to 121.55): VDC

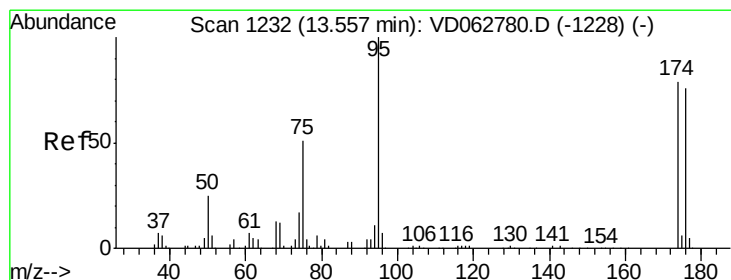
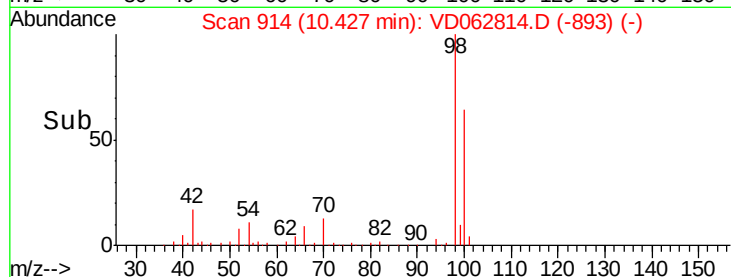
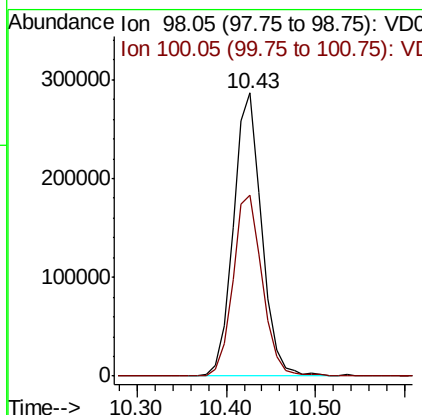
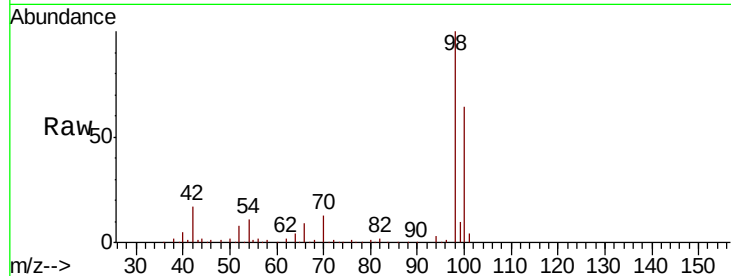




#50
Toluene-d8
Concen: 42.869 ug/l
RT: 10.43 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD062814.D
Acq: 21 Jun 2019 14:15

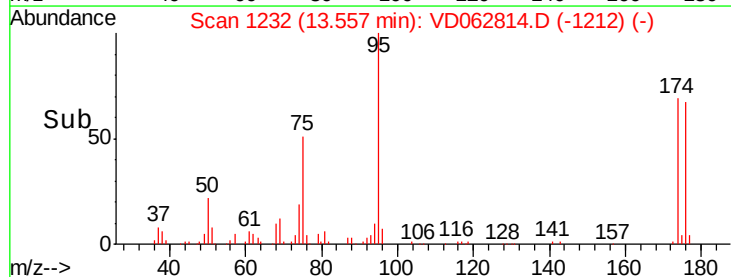
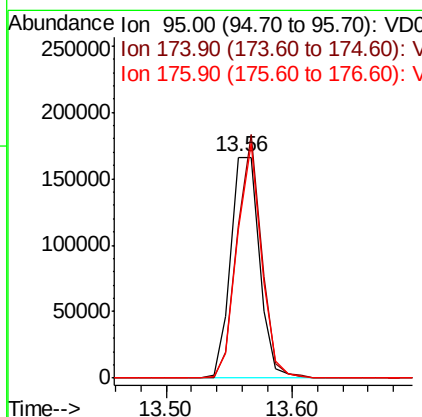
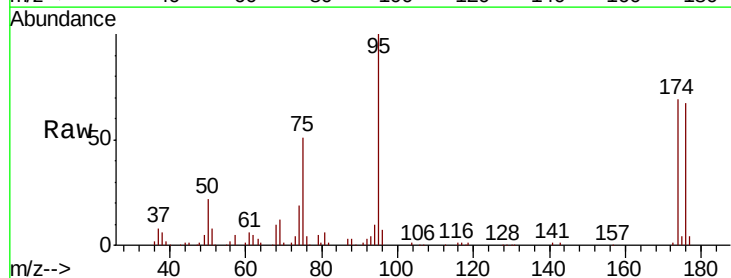
Instrument :
MSVOA_D
ClientSampleId :
WASTE

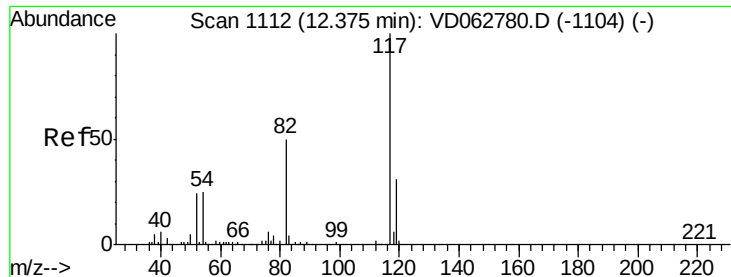
Tot Ion: 98 Resp: 633830
Ion Ratio Lower Upper
98 100
100 64.2 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 38.997 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD062814.D
Acq: 21 Jun 2019 14:15

Tgt Ion: 95 Resp: 262181
Ion Ratio Lower Upper
95 100
174 69.4 0.0 158.0
176 67.4 0.0 151.6

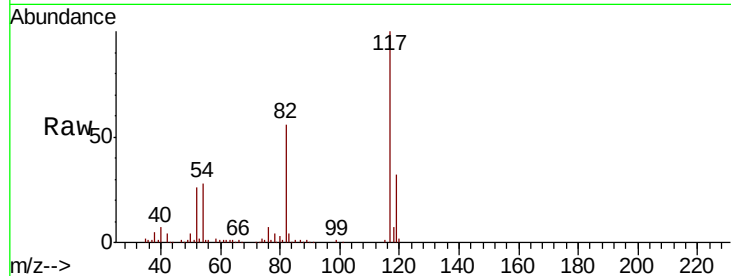




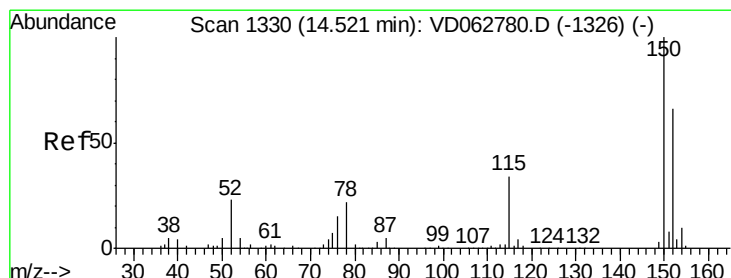
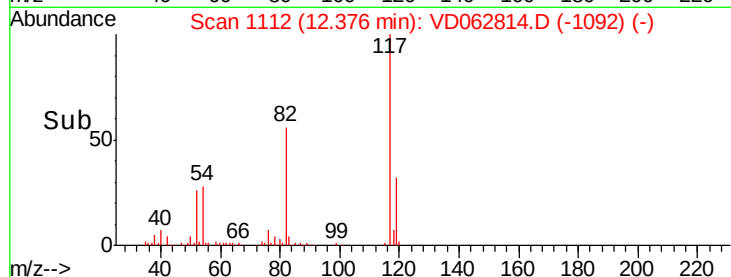
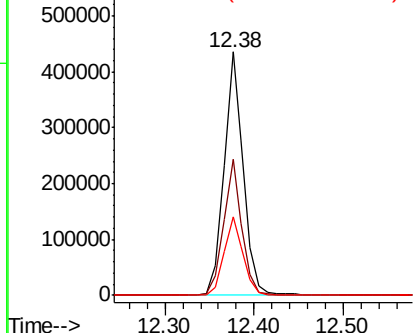
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD062814.D
Acq: 21 Jun 2019 14:15

Instrument :
MSVOA_D
ClientSampleID :
WASTE

Tot Ion:117 Resp: 661981
Ion Ratio Lower Upper
117 100
82 55.8 40.4 60.6
119 32.2 25.2 37.8

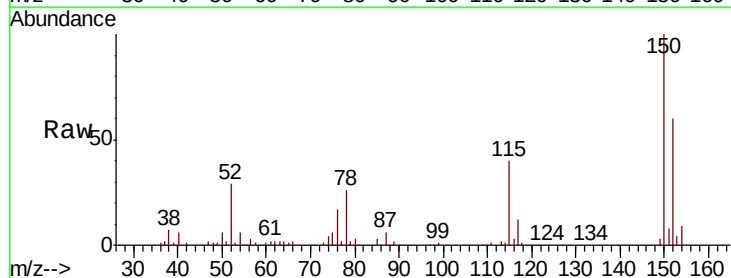


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

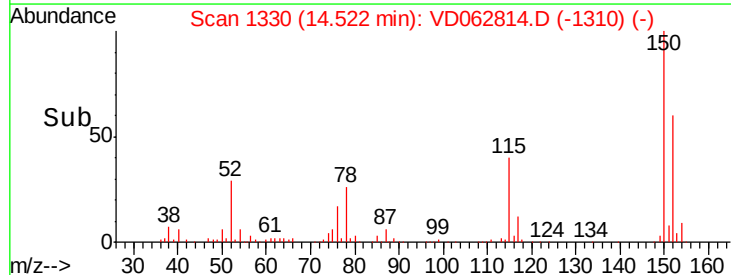
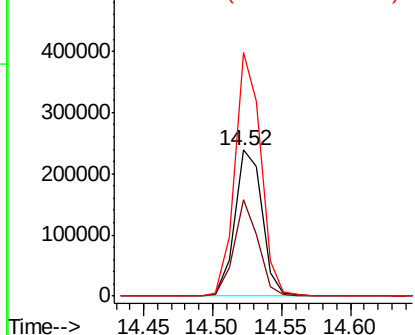


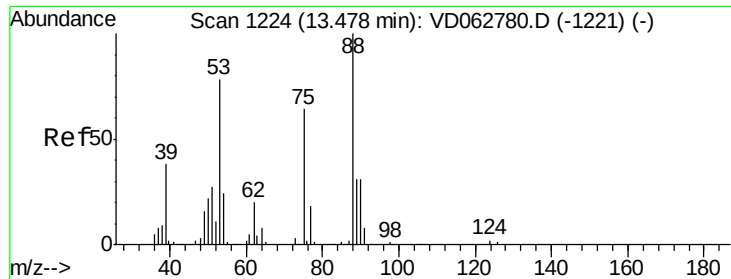
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062814.D
Acq: 21 Jun 2019 14:15

Tgt Ion:152 Resp: 329650
Ion Ratio Lower Upper
152 100
115 66.3 29.2 87.6
150 167.0 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: 130.542 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD062814.D

Acq: 21 Jun 2019 14:15

Instrument :

MSVOA_D

ClientSampleId :

WASTE

Tot Ion: 75 Resp: 130200

Ion Ratio Lower Upper

75 100

53 0.0 97.8 146.8#

89 0.4 39.4 59.2#

