

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103118\
 Data File : VD060257.D
 Acq On : 31 Oct 2018 22:31
 Operator : VA/AP
 Sample : J5734-04
 Misc : 5.29g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-22(4-6)

Quant Time: Oct 31 23:56:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

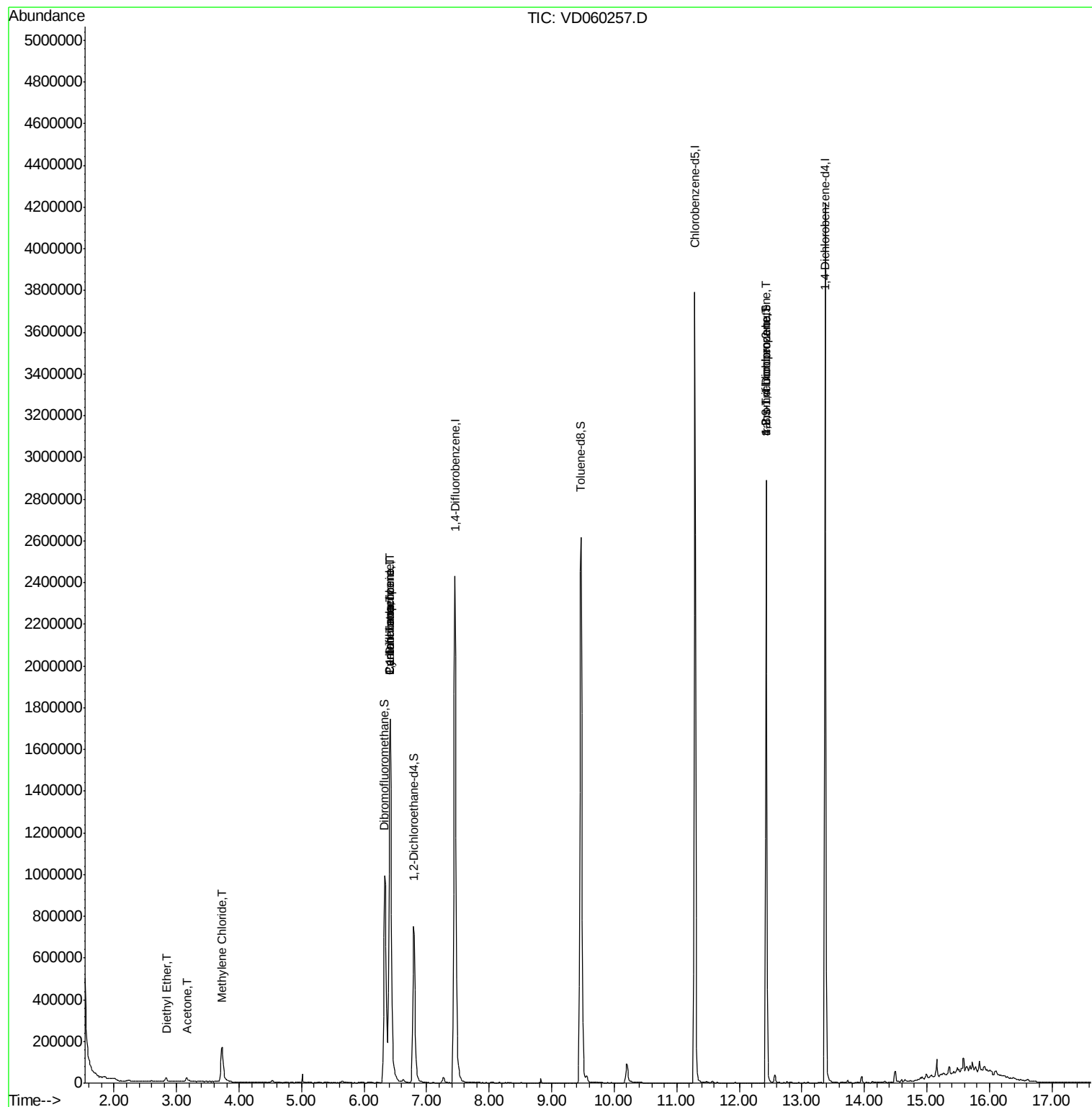
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1743211	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	7.45	114	2567428	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.29	117	2026604	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.38	152	970988	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	645533	48.85	ug/l	0.03
Spiked Amount 50.000			Recovery	=	97.70%	
35) Dibromofluoromethane	6.33	113	805337	41.31	ug/l	0.03
Spiked Amount 50.000			Recovery	=	82.62%	
50) Toluene-d8	9.47	98	2205850	39.68	ug/l	0.03
Spiked Amount 50.000			Recovery	=	79.36%	
62) 4-Bromofluorobenzene	12.43	95	804057	38.63	ug/l	0.01
Spiked Amount 50.000			Recovery	=	77.26%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.84	74	6148	2.064	ug/l	92
16) Acetone	3.16	43	32621	13.605	ug/l	98
20) Methylene Chloride	3.73	84	108949	1.611	ug/l	97
31) Cyclohexane	6.41	56	34418	1.202	ug/l #	1
36) 1,1-Dichloropropene	6.42	75	123639	5.040	ug/l #	47
38) Carbon Tetrachloride	6.42	117	136275	6.120	ug/l #	16
76) 1,2,3-Trichloropropane	12.43	75	327801	23.442	ug/l #	44
81) trans-1,4-Dichloro-2-buten	12.43	75	327429	83.333	ug/l #	13

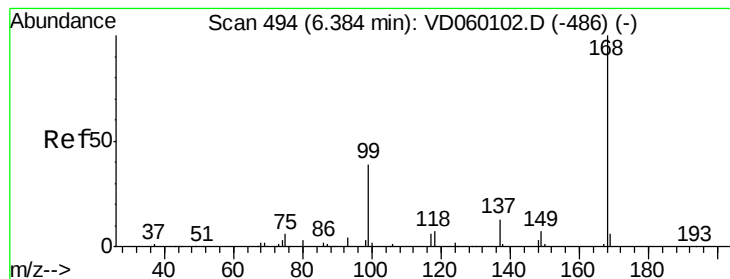
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD103118\
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Instrument :
MSVOA_D
ClientSampleId :
B-22(4-6)

Quant Time: Oct 31 23:56:30 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.42 min Scan# 497

Delta R.T. 0.03 min

Lab File: VD060257.D

Acq: 31 Oct 2018 22:31

Instrument :

MSVOA_D

ClientSampleId :

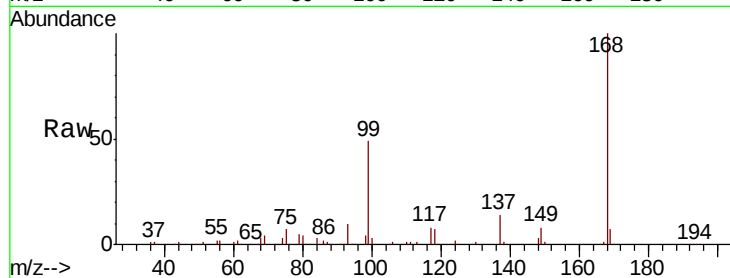
B-22(4-6)

Tot Ion:168 Resp: 1743211

Ion Ratio Lower Upper

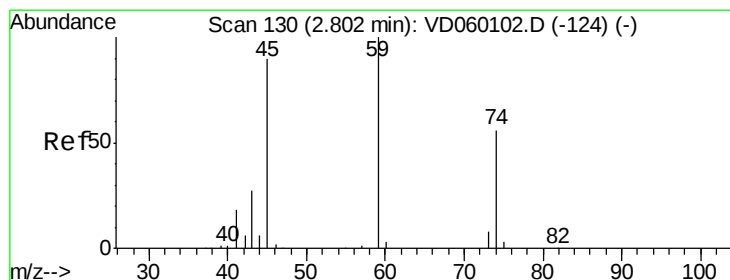
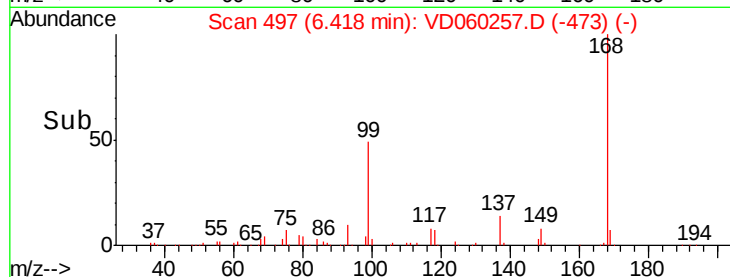
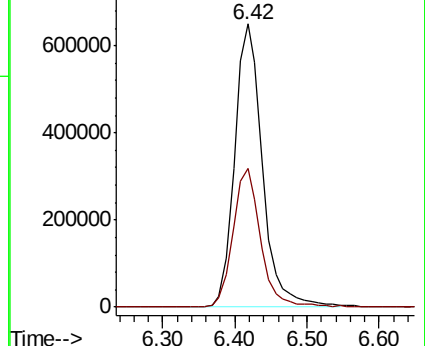
168 100

99 49.2 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#8

Diethyl Ether

Concen: 2.064 ug/l

RT: 2.84 min Scan# 133

Delta R.T. 0.03 min

Lab File: VD060257.D

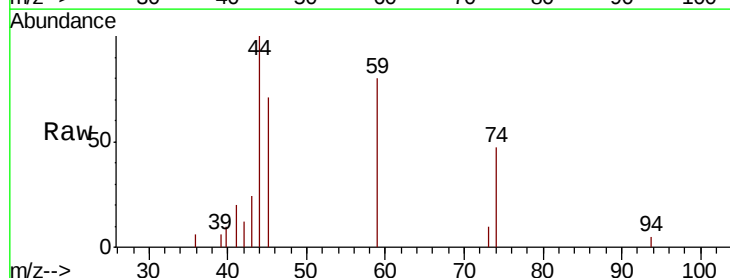
Acq: 31 Oct 2018 22:31

Tgt Ion: 74 Resp: 6148

Ion Ratio Lower Upper

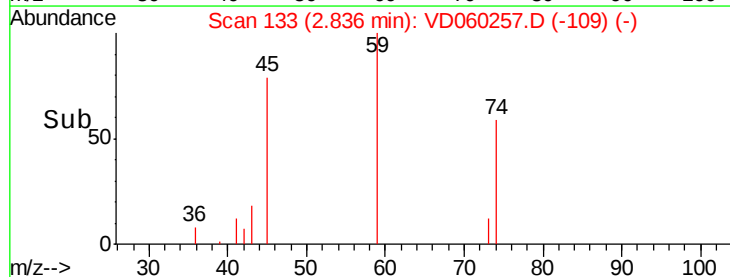
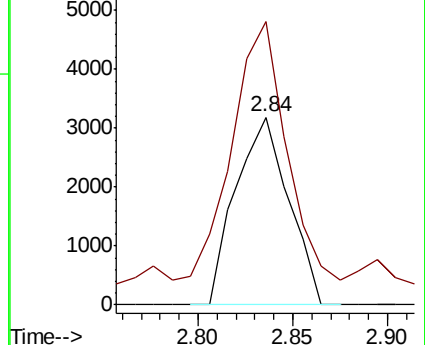
74 100

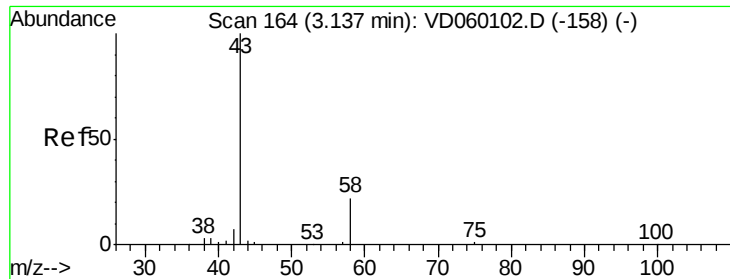
45 150.7 80.3 241.0



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC





#16

Acetone

Concen: 13.605 ug/l

RT: 3.16 min Scan# 166

Delta R.T. 0.02 min

Lab File: VD060257.D

Acq: 31 Oct 2018 22:31

Instrument :

MSVOA_D

ClientSampleId :

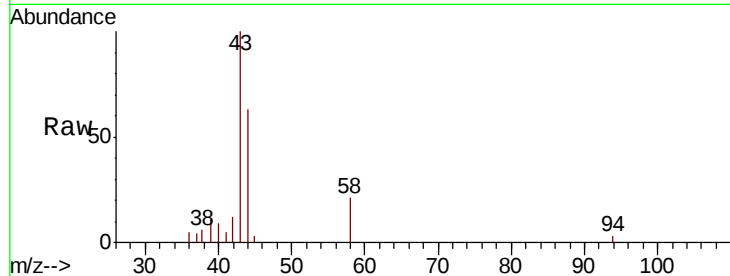
B-22(4-6)

Tot Ion: 43 Resp: 32621

Ion Ratio Lower Upper

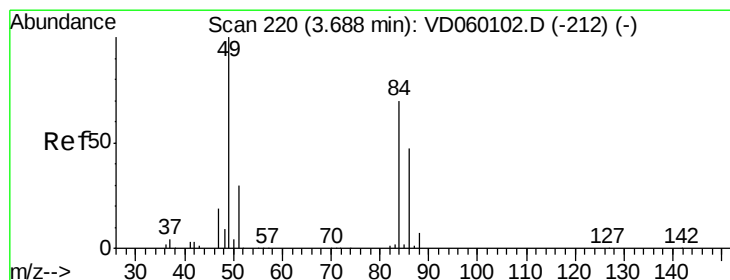
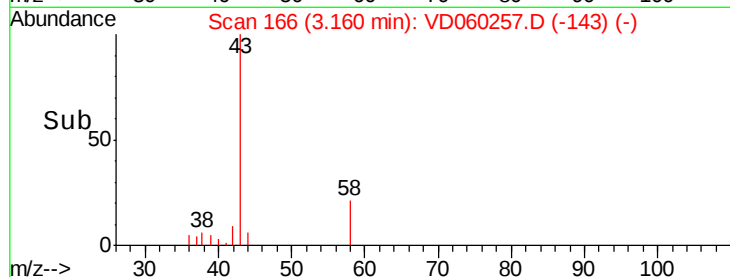
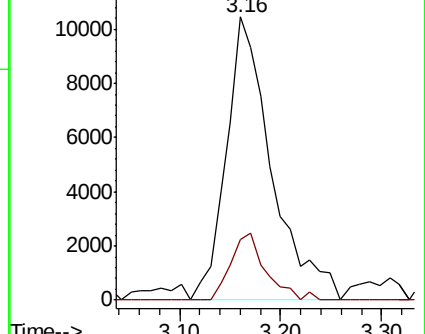
43 100

58 21.3 17.7 26.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: 1.611 ug/l

RT: 3.73 min Scan# 224

Delta R.T. 0.04 min

Lab File: VD060257.D

Acq: 31 Oct 2018 22:31

Tgt Ion: 84 Resp: 108949

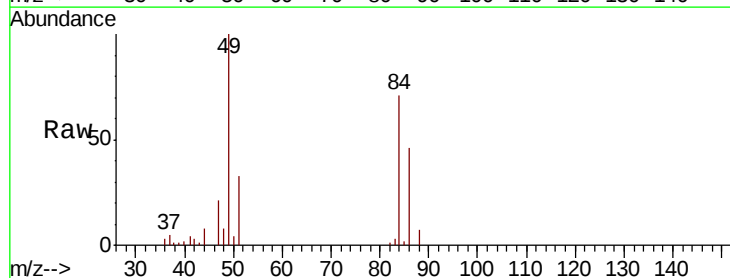
Ion Ratio Lower Upper

84 100

49 141.2 114.6 172.0

51 46.8 33.8 50.8

86 64.8 53.3 79.9

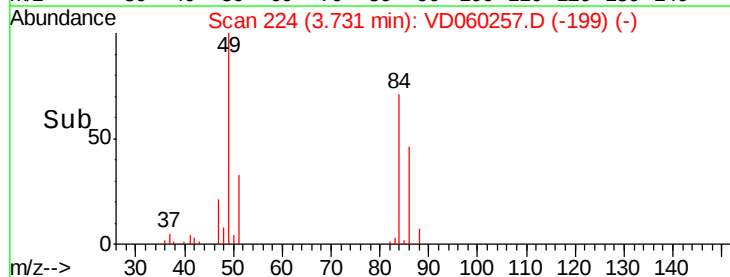
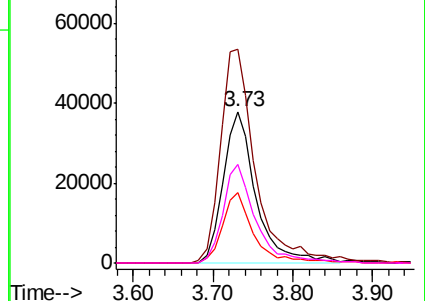


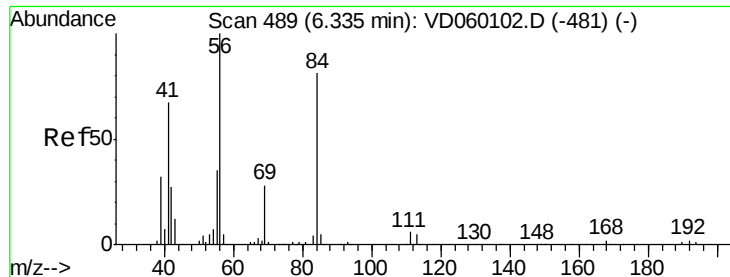
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

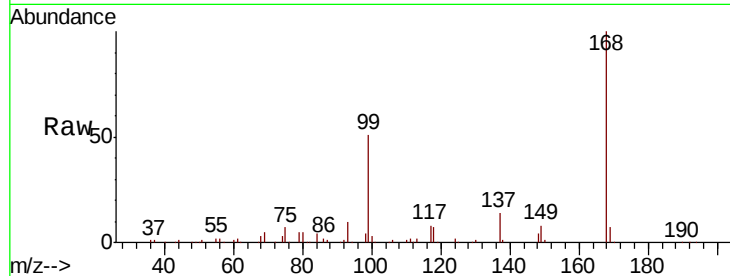




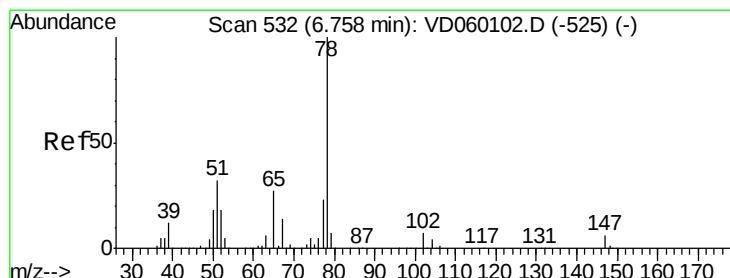
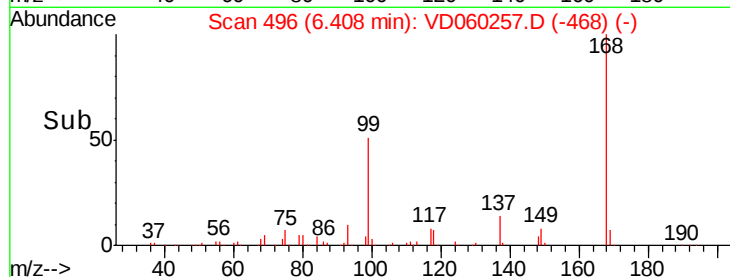
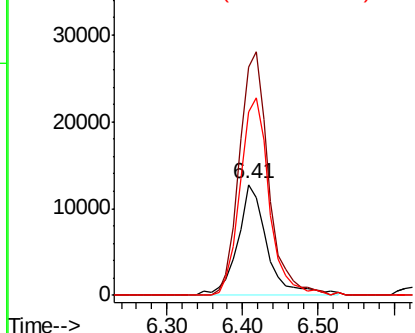
#31
Cyclohexane
Concen: 1.202 ug/l
RT: 6.41 min Scan# 496
Delta R.T. 0.07 min
Lab File: VD060257.D
Acq: 31 Oct 2018 22:31

Instrument :
MSVOA_D
ClientSampleId :
B-22(4-6)

Tot Ion: 56 Resp: 34418
Ion Ratio Lower Upper
56 100
69 205.8 22.8 34.2#
84 166.0 64.9 97.3#

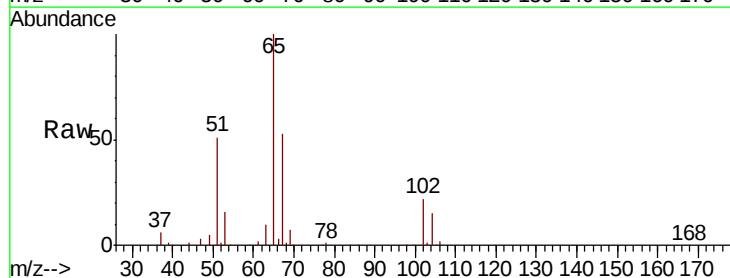


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

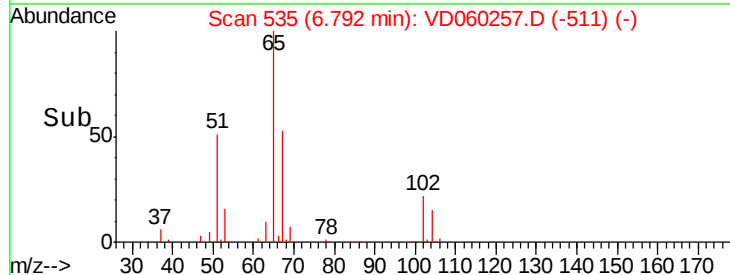
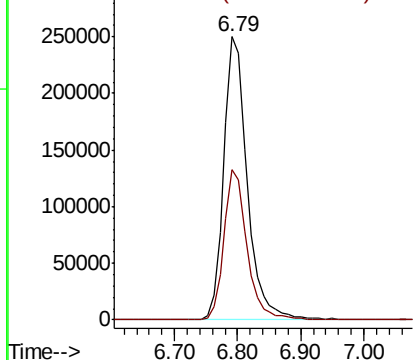


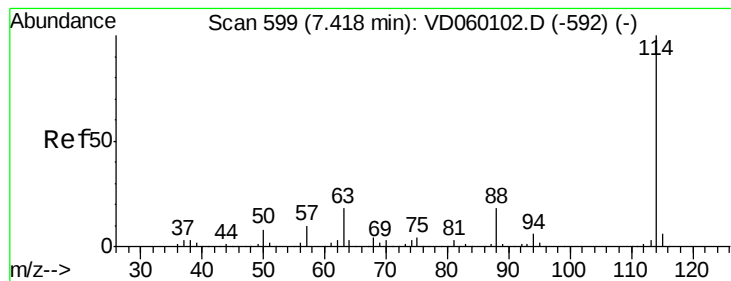
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 535
Delta R.T. 0.03 min
Lab File: VD060257.D
Acq: 31 Oct 2018 22:31

Tgt Ion: 65 Resp: 645533
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.2



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: 7.45 min Scan# 602

Delta R.T. 0.03 min

Lab File: VD060257.D

Acq: 31 Oct 2018 22:31

Instrument :

MSVOA_D

ClientSampleId :

B-22(4-6)

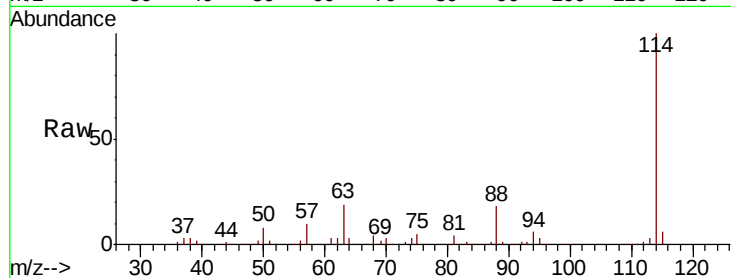
Tot Ion:114 Resp: 2567428

Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.0

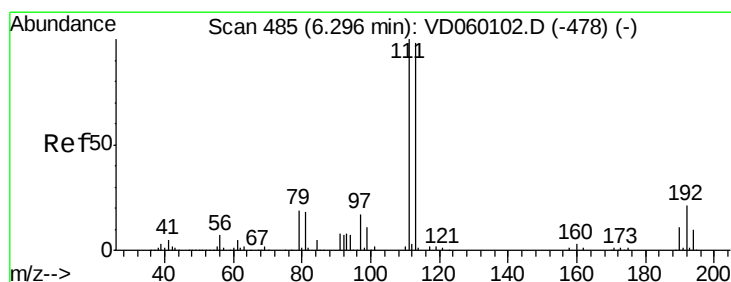
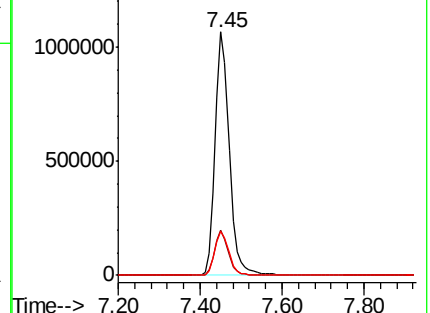
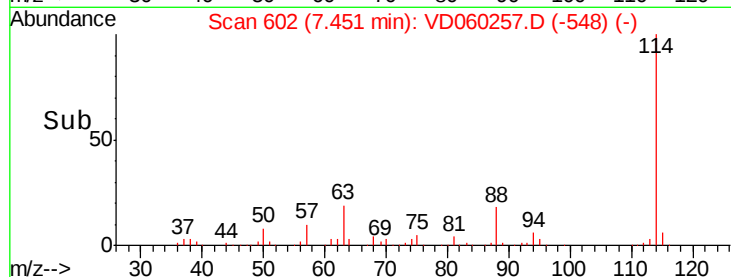
88 18.1 0.0 36.2



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: 50.000 ug/l

RT: 6.33 min Scan# 488

Delta R.T. 0.03 min

Lab File: VD060257.D

Acq: 31 Oct 2018 22:31

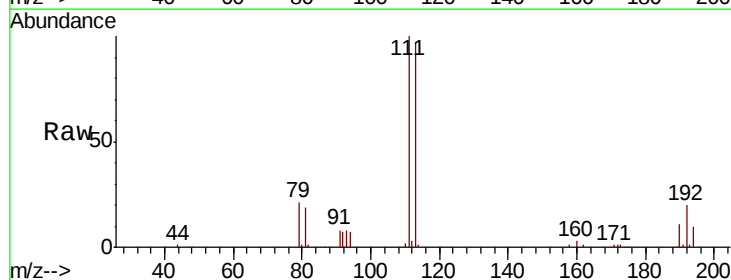
Tgt Ion:113 Resp: 805337

Ion Ratio Lower Upper

113 100

111 103.0 81.5 122.3

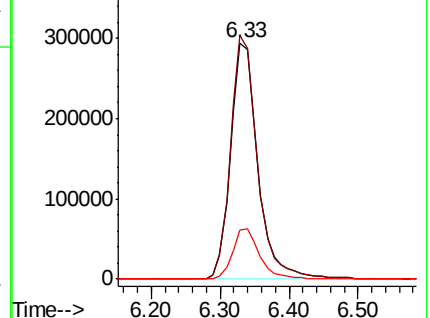
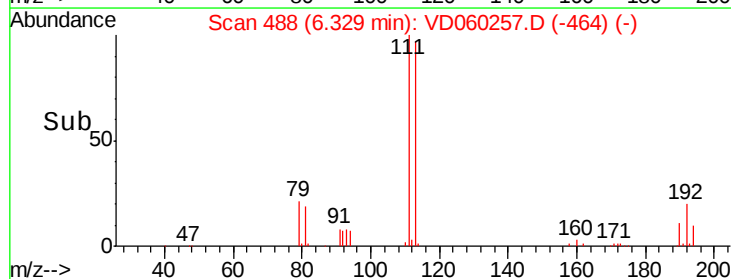
192 20.6 17.4 26.0

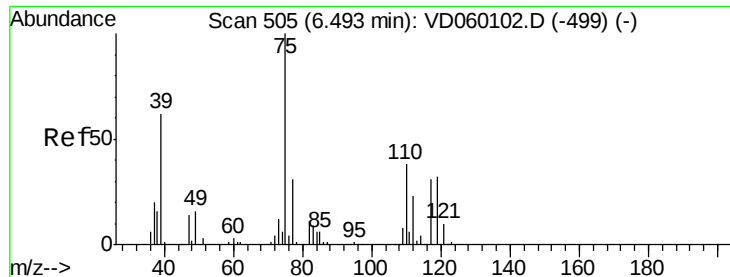


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#36

1,1-Dichloropropene

Concen: 5.040 ug/l

RT: 6.42 min Scan# 497

Delta R.T. -0.07 min

Lab File: VD060257.D

Acq: 31 Oct 2018 22:31

Instrument :

MSVOA_D

ClientSampleId :

B-22(4-6)

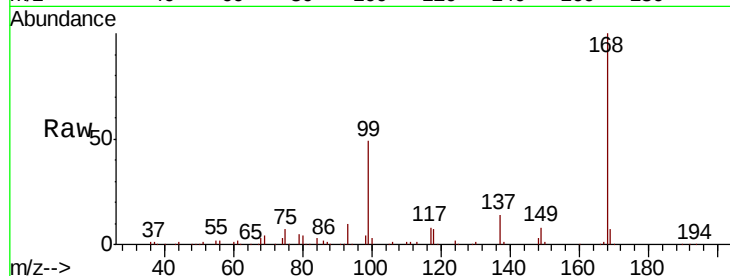
Tot Ion: 75 Resp: 123639

Ion Ratio Lower Upper

75 100

110 7.9 19.0 57.0#

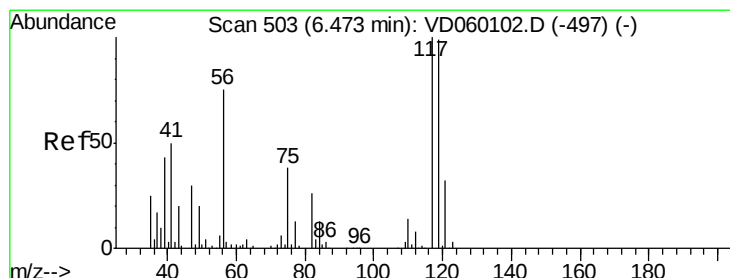
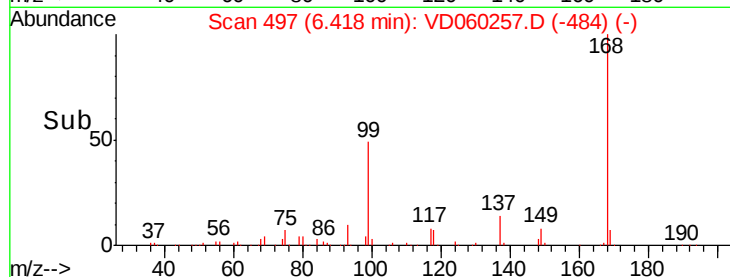
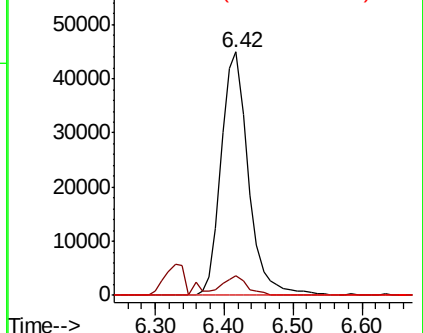
77 0.0 24.9 37.3#



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: 6.120 ug/l

RT: 6.42 min Scan# 497

Delta R.T. -0.06 min

Lab File: VD060257.D

Acq: 31 Oct 2018 22:31

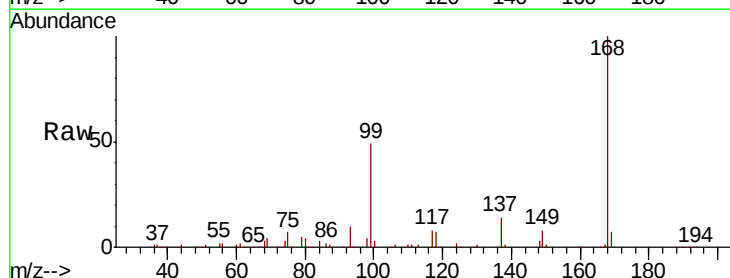
Tgt Ion: 117 Resp: 136275

Ion Ratio Lower Upper

117 100

119 5.4 77.8 116.6#

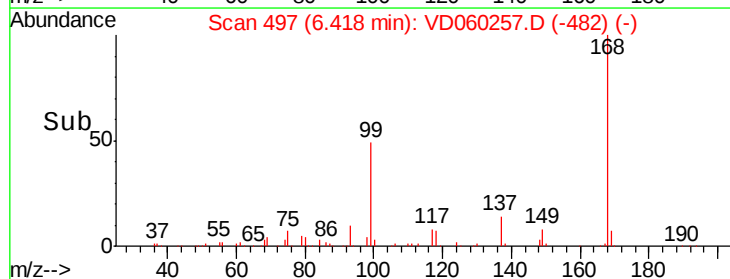
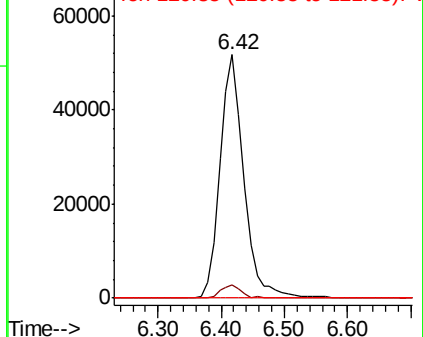
121 0.0 24.8 37.2#

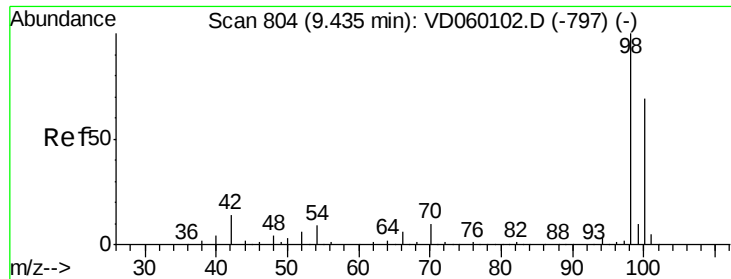


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

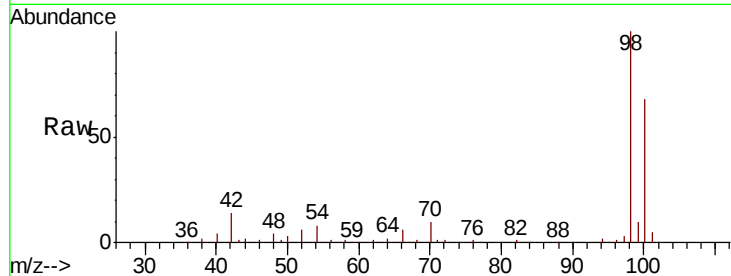




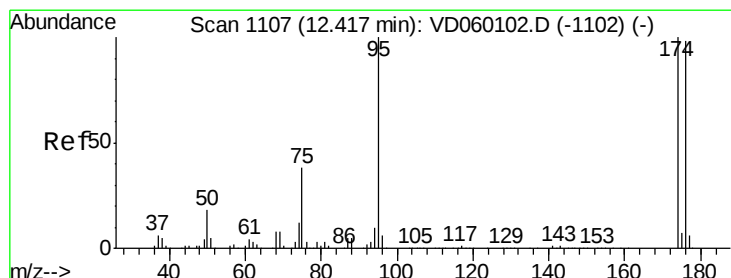
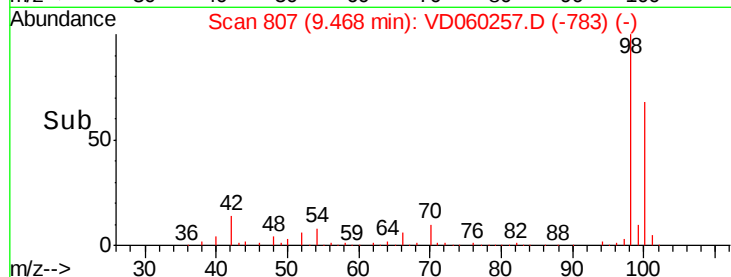
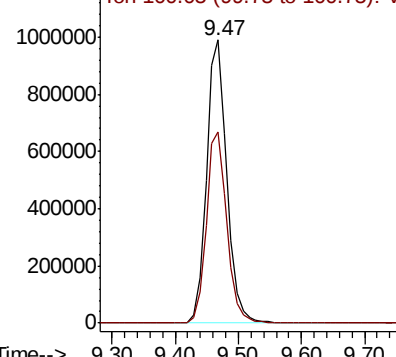
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.47 min Scan# 807
Delta R.T. 0.03 min
Lab File: VD060257.D
Acq: 31 Oct 2018 22:31

Instrument :
MSVOA_D
ClientSampled :
B-22(4-6)

Tot Ion: 98 Resp: 2205850
Ion Ratio Lower Upper
98 100
100 67.7 55.4 83.0

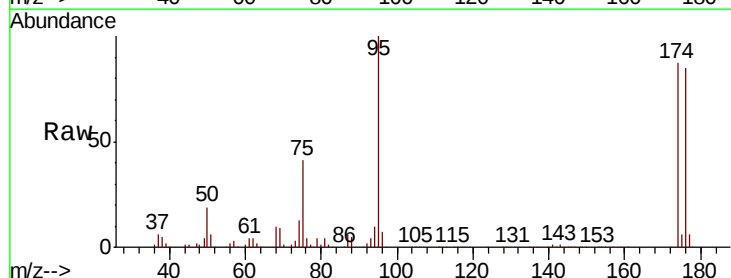


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

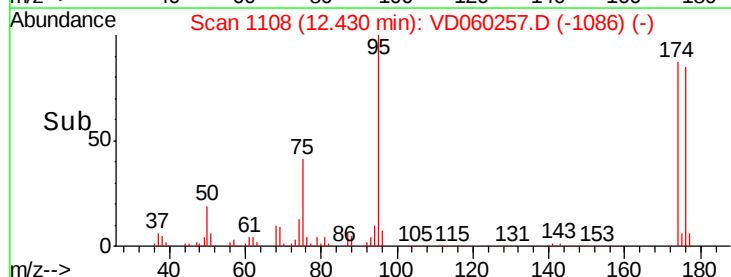
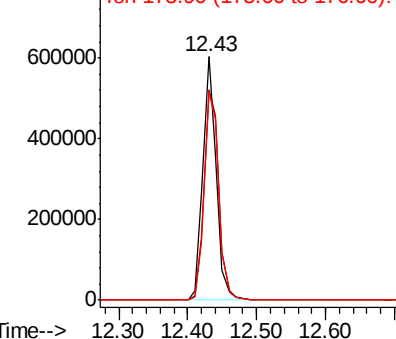


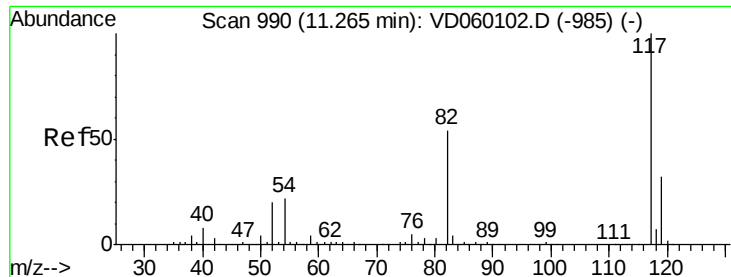
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VD060257.D
Acq: 31 Oct 2018 22:31

Tgt Ion: 95 Resp: 804057
Ion Ratio Lower Upper
95 100
174 86.6 0.0 200.2
176 85.3 0.0 195.6



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

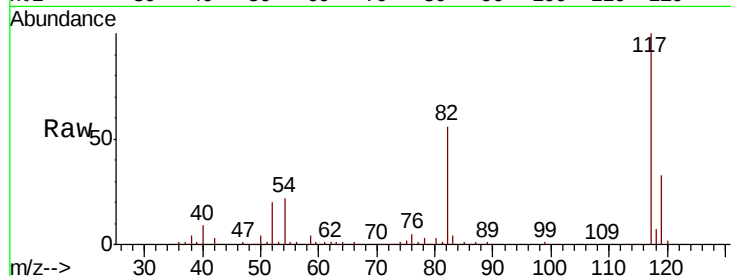




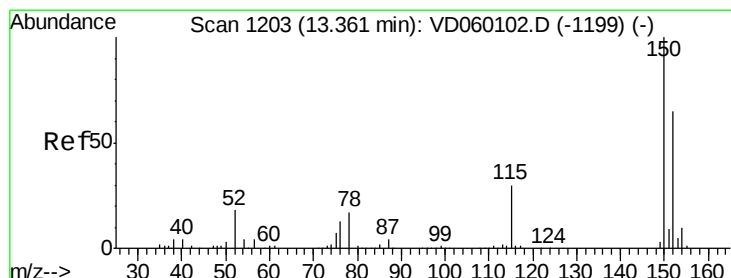
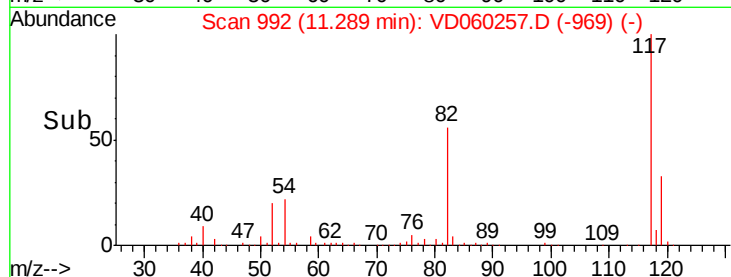
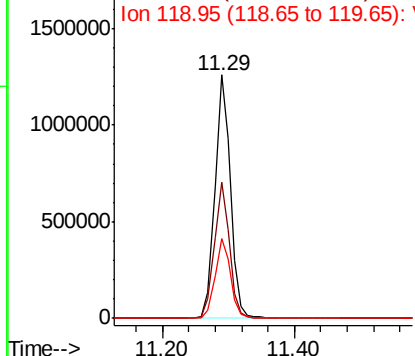
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 992
Delta R.T. 0.02 min
Lab File: VD060257.D
Acq: 31 Oct 2018 22:31

Instrument :
MSVOA_D
ClientSampleId :
B-22(4-6)

Tot Ion:117 Resp: 2026604
Ion Ratio Lower Upper
117 100
82 55.7 43.4 65.2
119 32.8 26.0 39.0

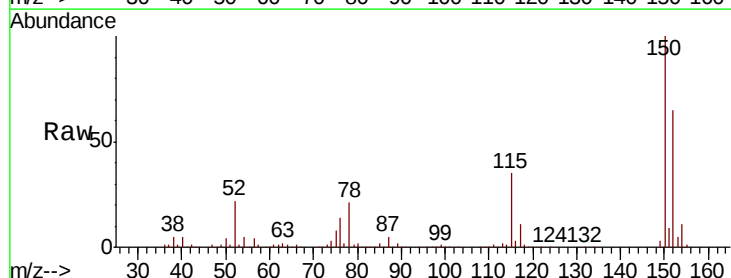


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

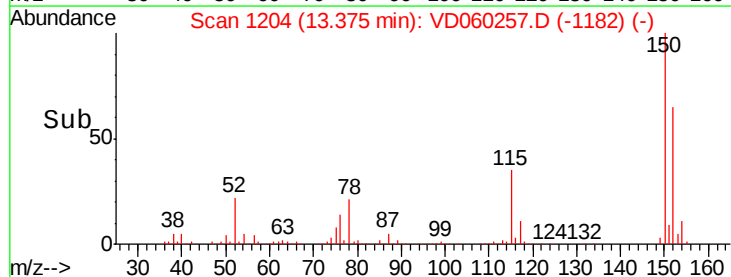
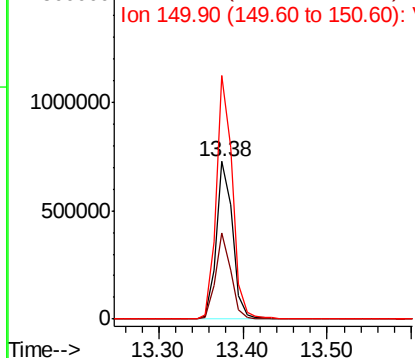


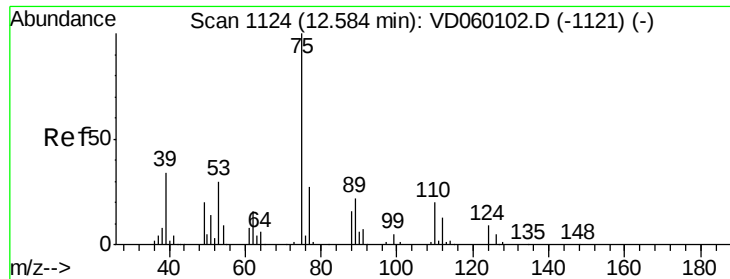
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1204
Delta R.T. 0.01 min
Lab File: VD060257.D
Acq: 31 Oct 2018 22:31

Tgt Ion:152 Resp: 970988
Ion Ratio Lower Upper
152 100
115 54.7 27.1 81.2
150 154.8 0.0 311.8



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

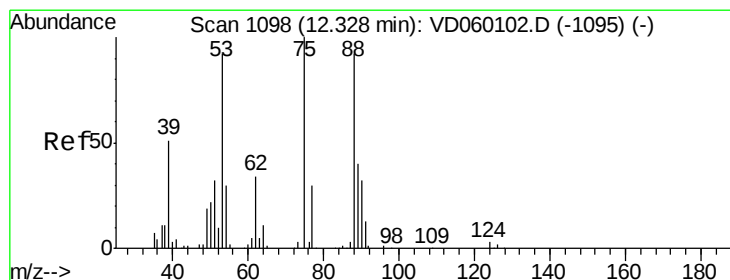
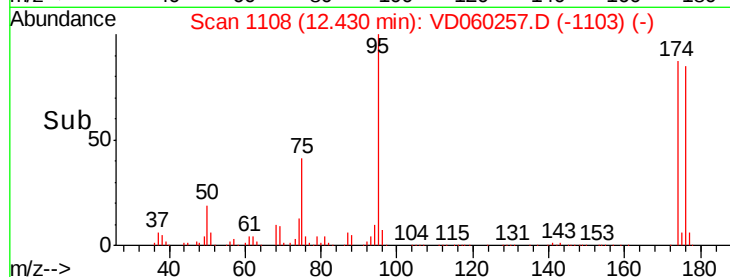
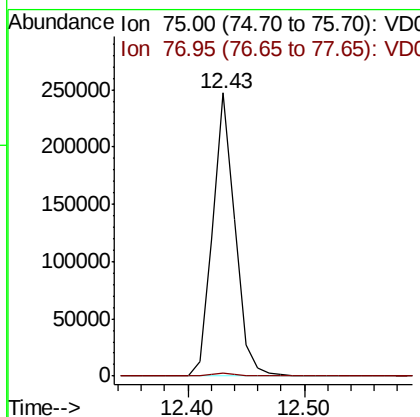
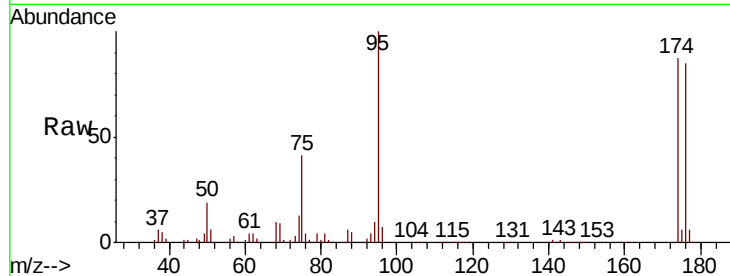




#76
 1,2,3-Trichloropropane
 Concen: 23.442 ug/l
 RT: 12.43 min Scan# 1108
 Delta R.T. -0.15 min
 Lab File: VD060257.D
 Acq: 31 Oct 2018 22:31

Instrument :
 MSVOA_D
 ClientSampleId :
 B-22(4-6)

Tot Ion: 75 Resp: 327801
 Ion Ratio Lower Upper
 75 100
 77 1.3 16.3 48.9#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.333 ug/l
 RT: 12.43 min Scan# 1108
 Delta R.T. 0.10 min
 Lab File: VD060257.D
 Acq: 31 Oct 2018 22:31

Tgt Ion: 75 Resp: 327429
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.0 109.6#
 89 0.0 32.0 48.0#

