

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103118\
 Data File : VD060251.D
 Acq On : 31 Oct 2018 19:42
 Operator : VA/AP
 Sample : J5205-07
 Misc : 6.61q/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-103018-A

Quant Time: Oct 31 23:55:24 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	6.41	168	1502412	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.45	114	2172146	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.29	117	1639930	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.38	152	679238	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.79	65	561974	49.35	ug/l	0.03
Spiked Amount			Recovery	=	98.70%	
35) Dibromofluoromethane	6.33	113	707917	42.92	ug/l	0.03
Spiked Amount			Recovery	=	85.84%	
50) Toluene-d8	9.46	98	1796030	38.18	ug/l	0.02
Spiked Amount			Recovery	=	76.36%	
62) 4-Bromofluorobenzene	12.43	95	621290	35.28	ug/l	0.01
Spiked Amount			Recovery	=	70.56%	

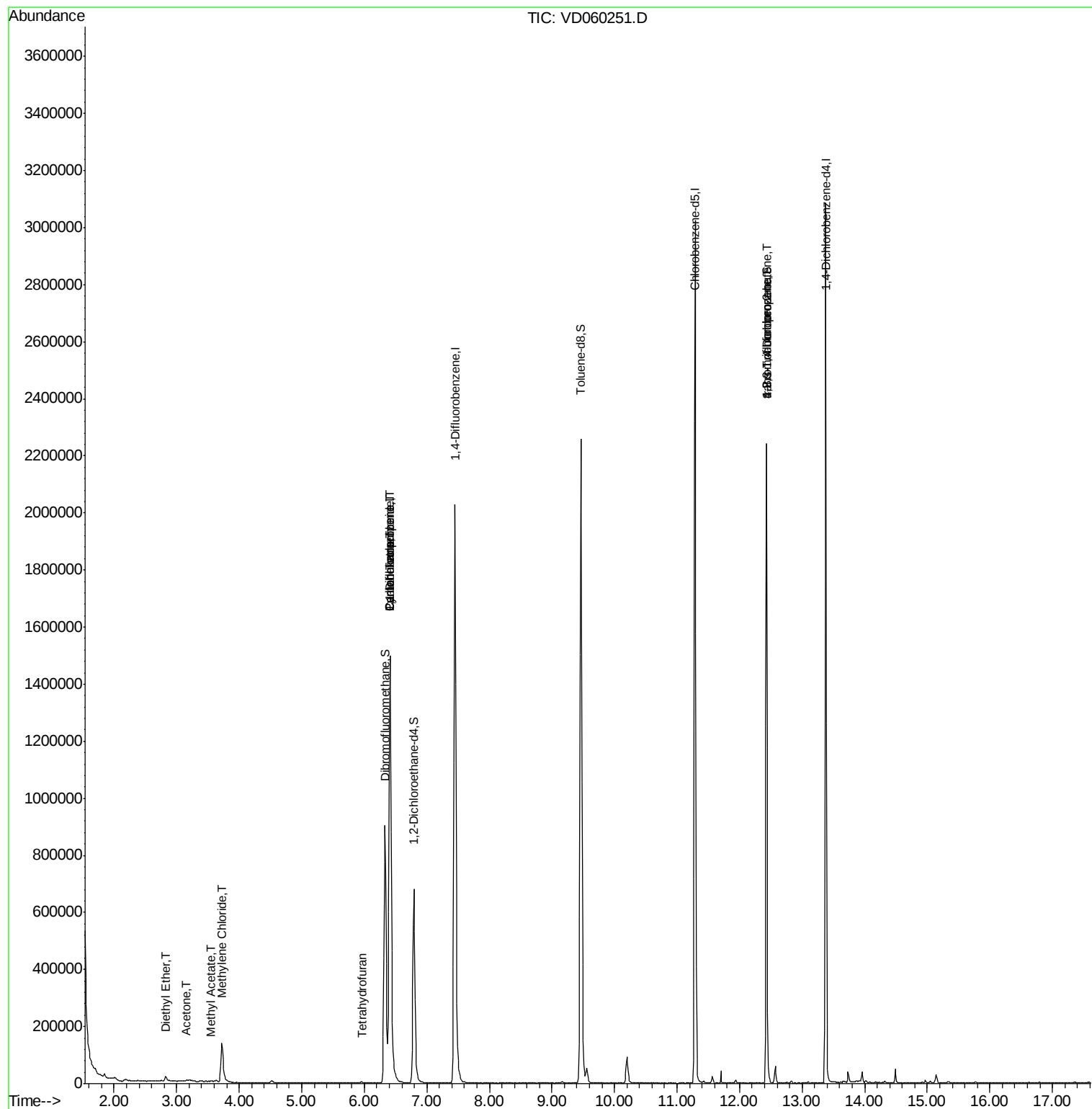
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	2.83	74	5466	2.129	ug/l	99
16) Acetone	3.16	43	5702	2.759	ug/l #	89
18) Methyl Acetate	3.56	43	6225	1.402	ug/l #	63
20) Methylene Chloride	3.72	84	87839	1.203	ug/l	97
29) Tetrahydrofuran	5.96	42	4129	1.377	ug/l #	59
31) Cyclohexane	6.41	56	28470	1.154	ug/l #	1
36) 1,1-Dichloropropene	6.41	75	104013	5.011	ug/l #	47
38) Carbon Tetrachloride	6.41	117	116623	6.190	ug/l #	15
76) 1,2,3-Trichloropropane	12.43	75	246712	25.221	ug/l #	44
81) trans-1,4-Dichloro-2-buten	12.43	75	247037	89.878	ug/l #	13

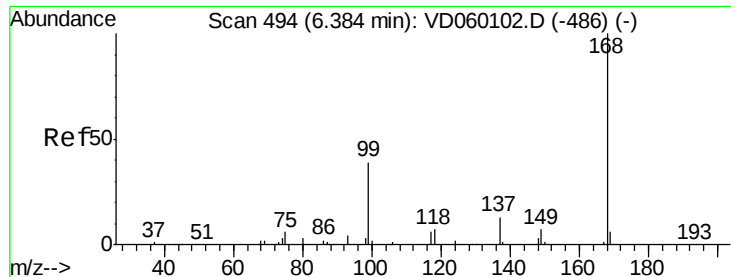
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD103118\
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Misc : 6.61g/5ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

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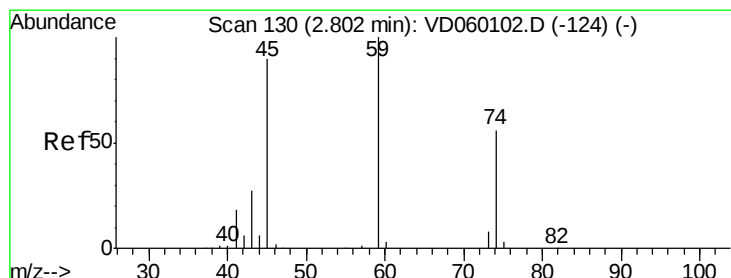
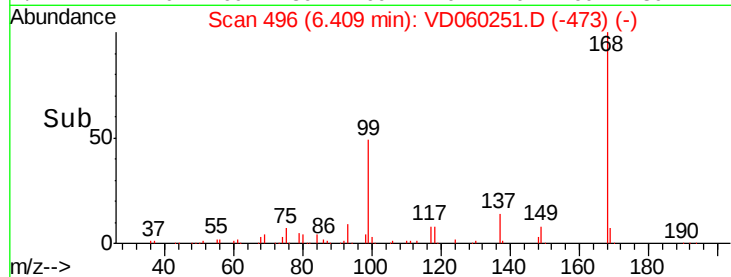
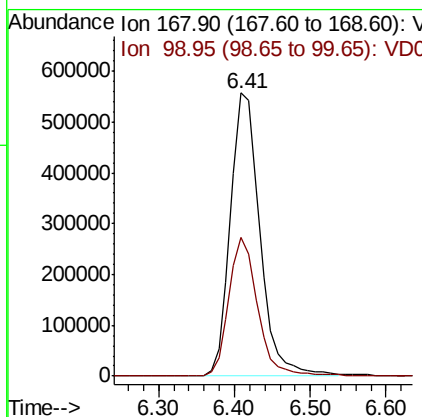
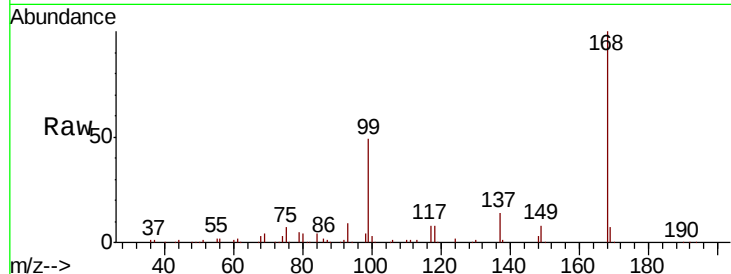




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.41 min Scan# 496
Delta R.T. 0.02 min
Lab File: VD060251.D
Acq: 31 Oct 2018 19:42

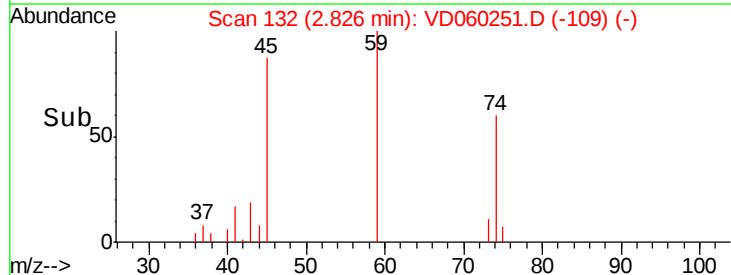
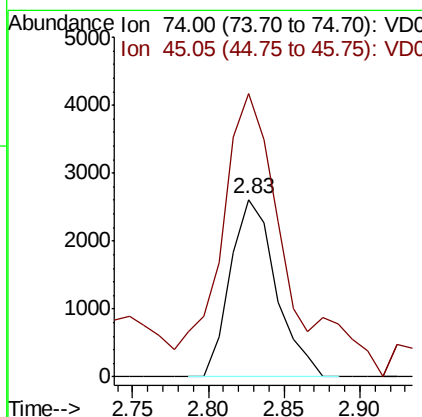
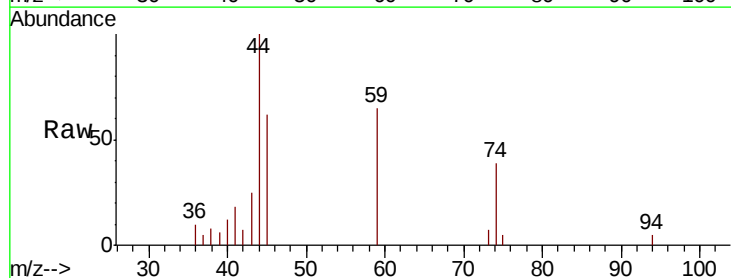
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MSVOA_D
ClientSampleId :
TR-04-103018-A

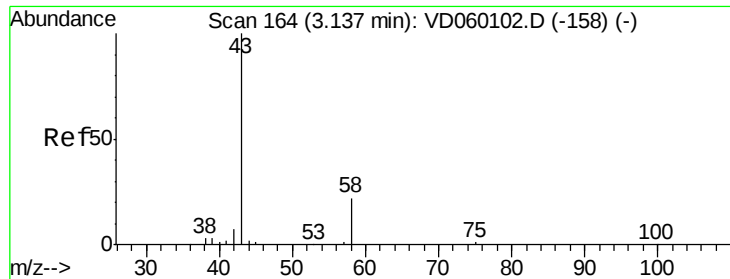
Tot Ion:168 Resp: 1502412
Ion Ratio Lower Upper
168 100
99 49.1 35.4 53.0



#8
Diethyl Ether
Concen: 2.129 ug/l
RT: 2.83 min Scan# 132
Delta R.T. 0.02 min
Lab File: VD060251.D
Acq: 31 Oct 2018 19:42

Tgt Ion: 74 Resp: 5466
Ion Ratio Lower Upper
74 100
45 159.6 80.3 241.0





#16

Acetone

Concen: 2.759 ug/l

RT: 3.16 min Scan# 166

Delta R.T. 0.02 min

Lab File: VD060251.D

Acq: 31 Oct 2018 19:42

Instrument :

MSVOA_D

ClientSampleId :

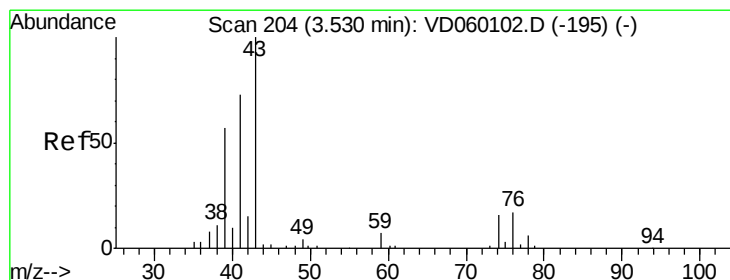
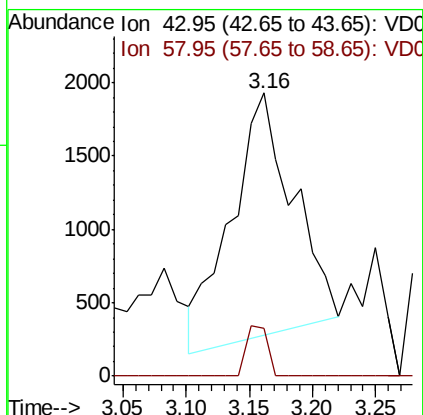
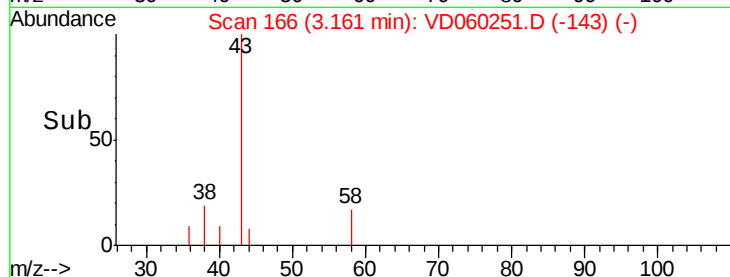
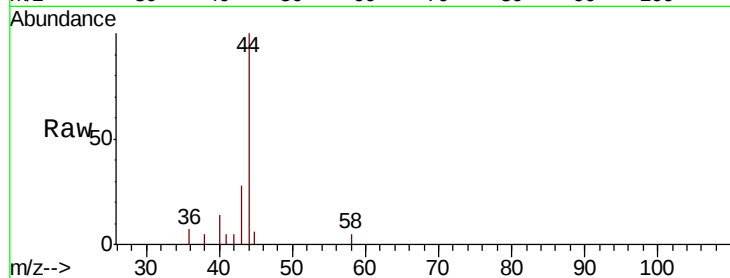
TR-04-103018-A

Tot Ion: 43 Resp: 5702

Ion Ratio Lower Upper

43 100

58 16.9 17.7 26.5#



#18

Methyl Acetate

Concen: 1.402 ug/l

RT: 3.56 min Scan# 207

Delta R.T. 0.03 min

Lab File: VD060251.D

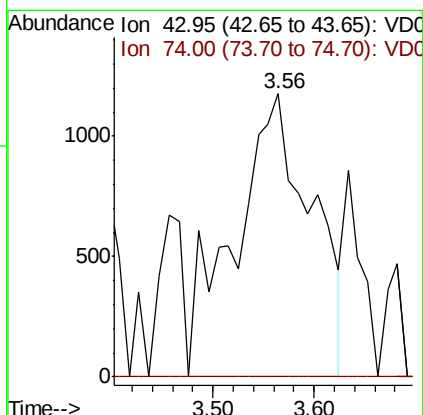
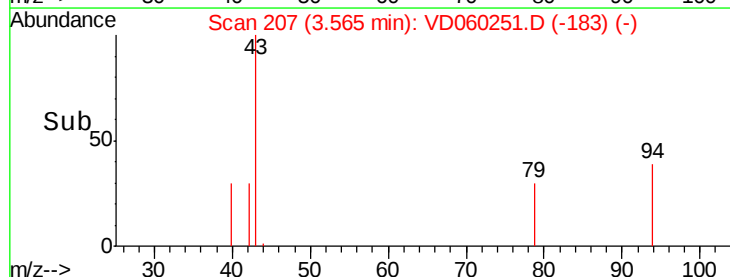
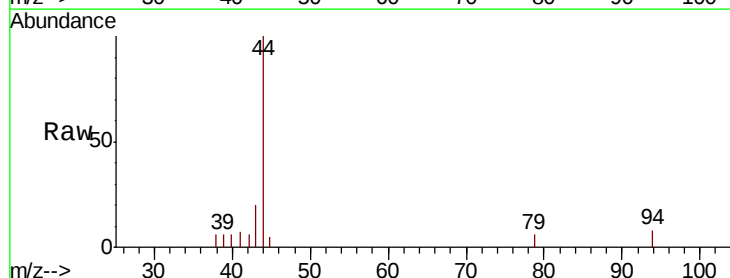
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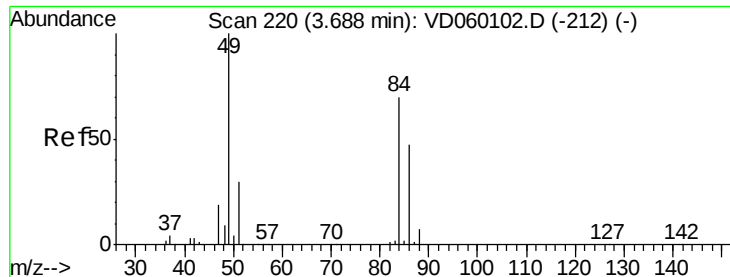
Tgt Ion: 43 Resp: 6225

Ion Ratio Lower Upper

43 100

74 0.0 12.6 19.0#

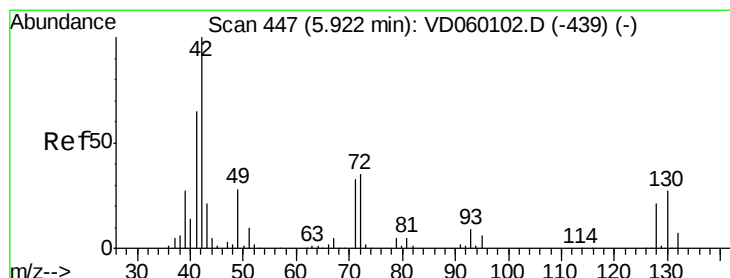
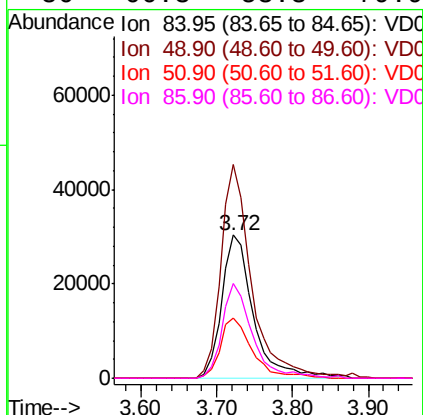
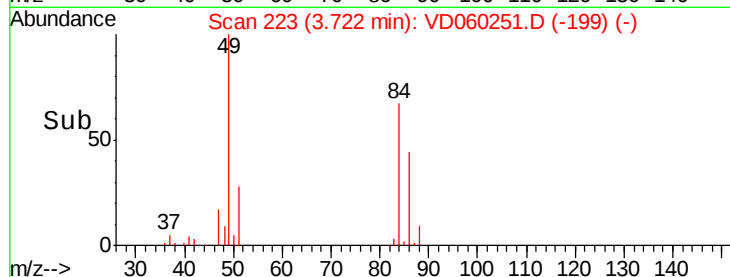
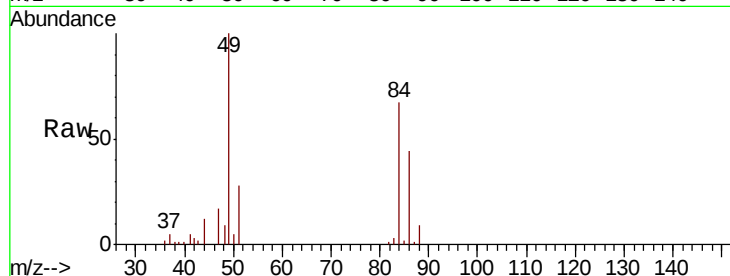




#20
Methvlene Chloride
Concen: 1.203 ug/l
RT: 3.72 min Scan# 223
Delta R.T. 0.04 min
Lab File: VD060251.D
Acq: 31 Oct 2018 19:42

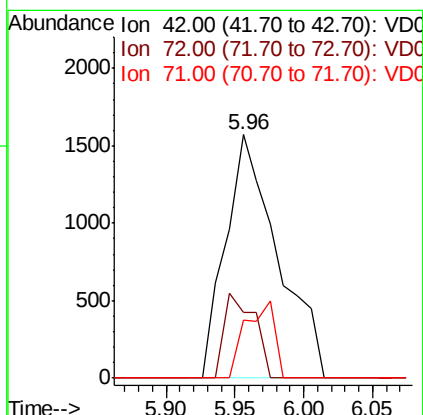
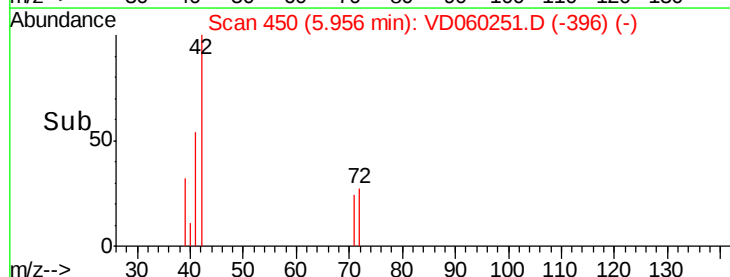
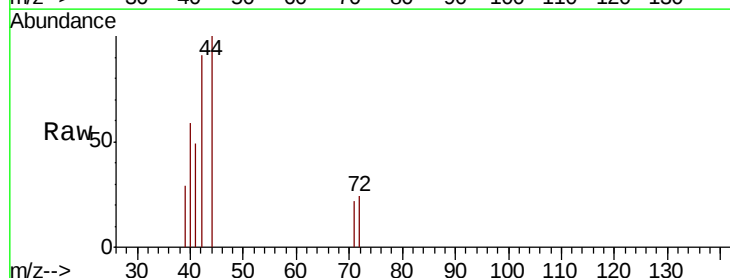
Instrument :
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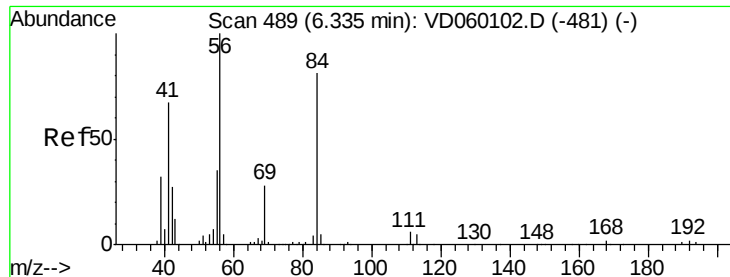
Tot Ion: 84 Resp: 87839
Ion Ratio Lower Upper
84 100
49 149.2 114.6 172.0
51 42.3 33.8 50.8
86 66.3 53.3 79.9



#29
Tetrahydrofuran
Concen: 1.377 ug/l
RT: 5.96 min Scan# 450
Delta R.T. 0.03 min
Lab File: VD060251.D
Acq: 31 Oct 2018 19:42

Tgt Ion: 42 Resp: 4129
Ion Ratio Lower Upper
42 100
72 20.0 26.9 40.3#
71 0.0 26.7 40.1#

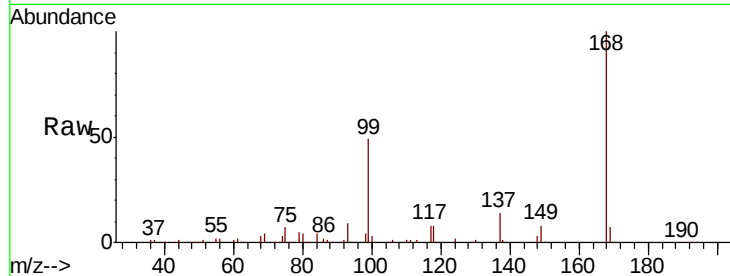




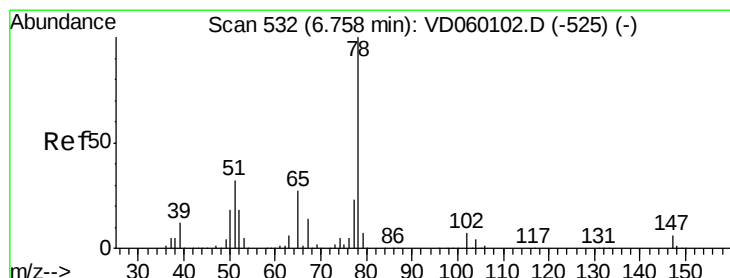
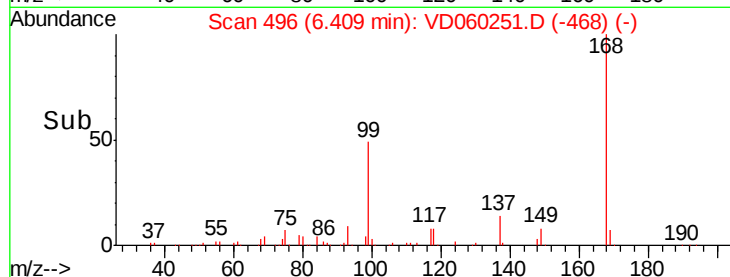
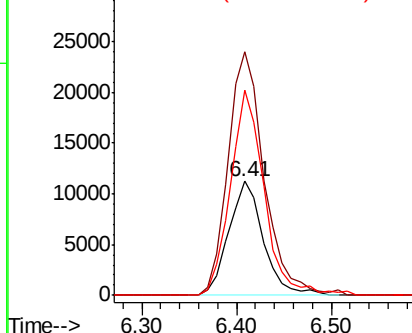
#31
Cyclohexane
Concen: 1.154 ug/l
RT: 6.41 min Scan# 496
Delta R.T. 0.07 min
Lab File: VD060251.D
Acq: 31 Oct 2018 19:42

Instrument :
MSVOA_D
ClientSampleId :
TR-04-103018-A

Tot Ion: 56 Resp: 28470
Ion Ratio Lower Upper
56 100
69 213.6 22.8 34.2#
84 179.7 64.9 97.3#

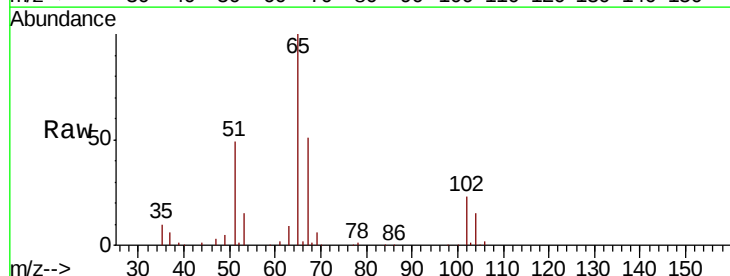


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

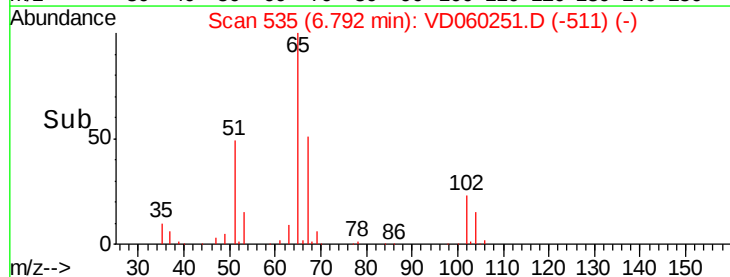
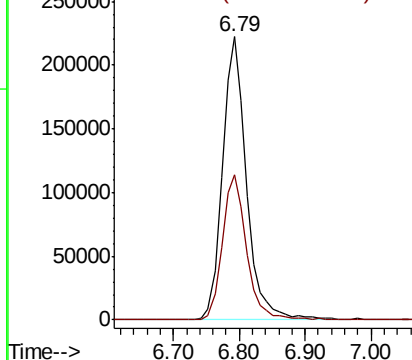


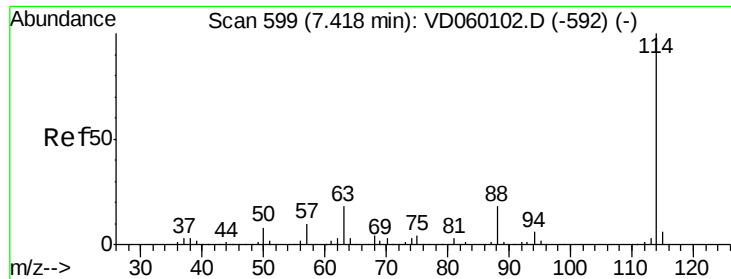
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 535
Delta R.T. 0.03 min
Lab File: VD060251.D
Acq: 31 Oct 2018 19:42

Tgt Ion: 65 Resp: 561974
Ion Ratio Lower Upper
65 100
67 51.4 0.0 106.2



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

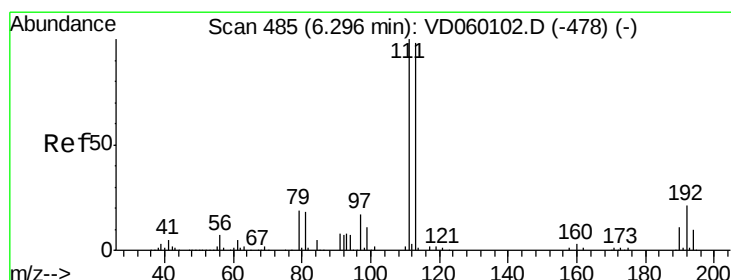
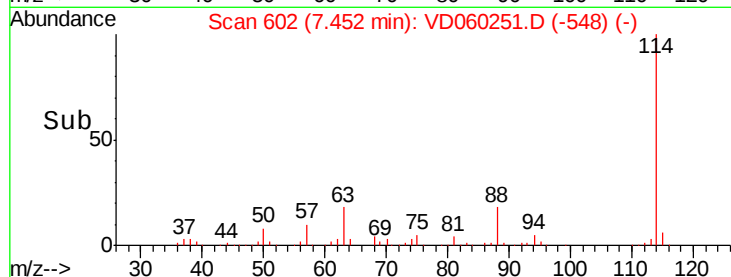
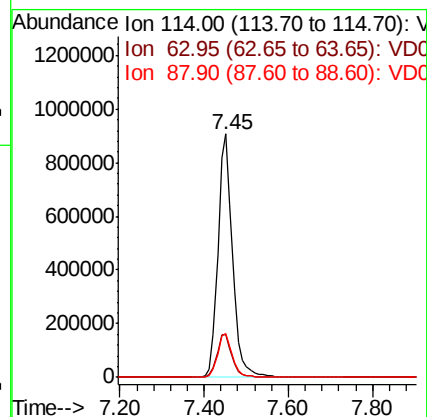
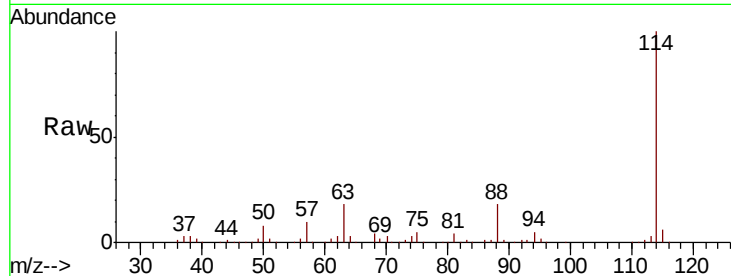




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. 0.03 min
 Lab File: VD060251.D
 Acq: 31 Oct 2018 19:42

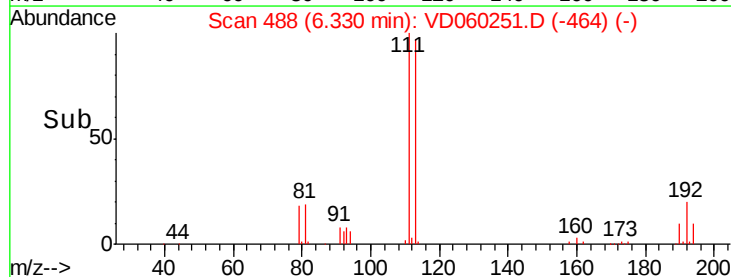
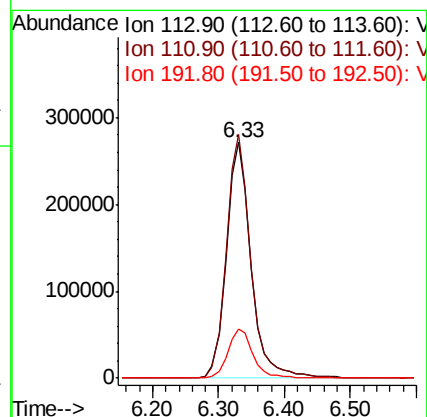
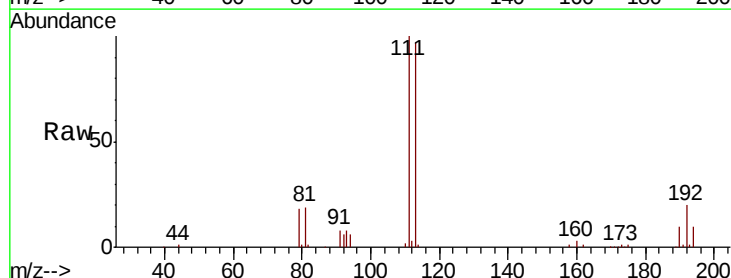
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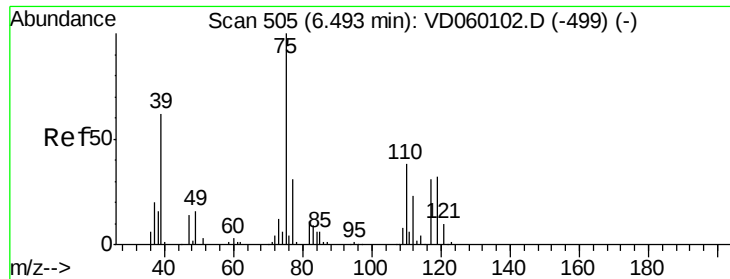
Tot Ion:114 Resp: 2172146
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 36.0
 88 18.2 0.0 36.2



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 488
 Delta R.T. 0.03 min
 Lab File: VD060251.D
 Acq: 31 Oct 2018 19:42

Tgt Ion:113 Resp: 707917
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.5 122.3
 192 21.1 17.4 26.0

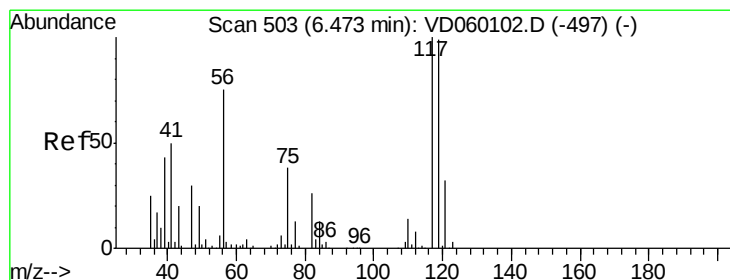
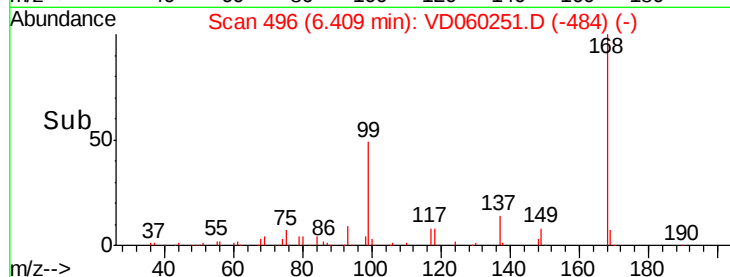
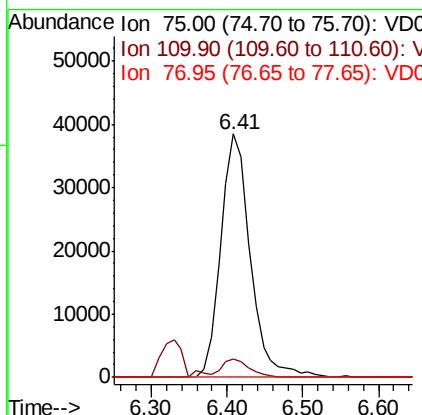
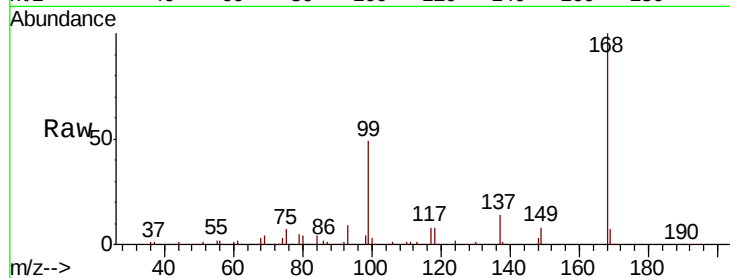




#36
 1,1-Dichloropropene
 Concen: 5.011 ug/l
 RT: 6.41 min Scan# 496
 Delta R.T. -0.08 min
 Lab File: VD060251.D
 Acq: 31 Oct 2018 19:42

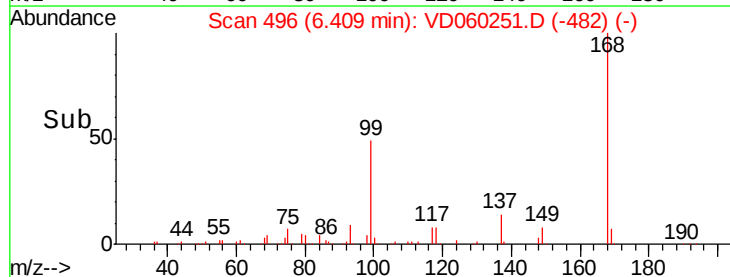
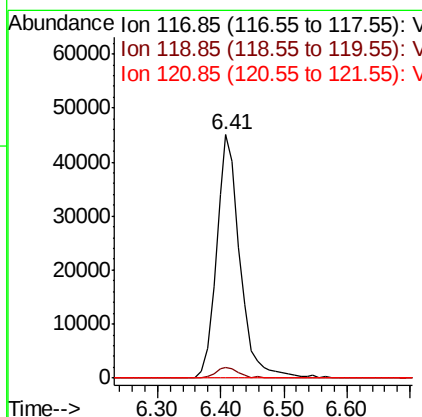
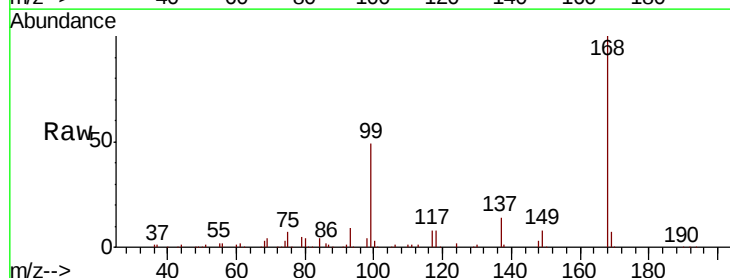
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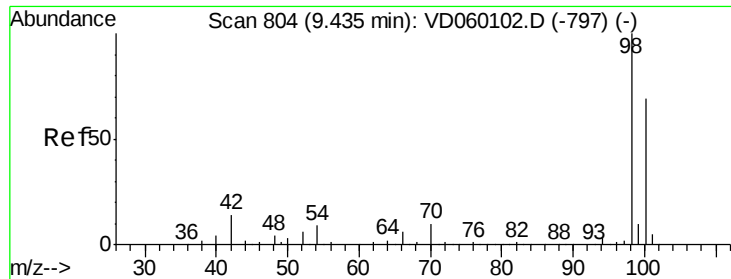
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.6	19.0	57.0#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.190 ug/l
 RT: 6.41 min Scan# 496
 Delta R.T. -0.06 min
 Lab File: VD060251.D
 Acq: 31 Oct 2018 19:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.4	77.8	116.6#
121	0.0	24.8	37.2#

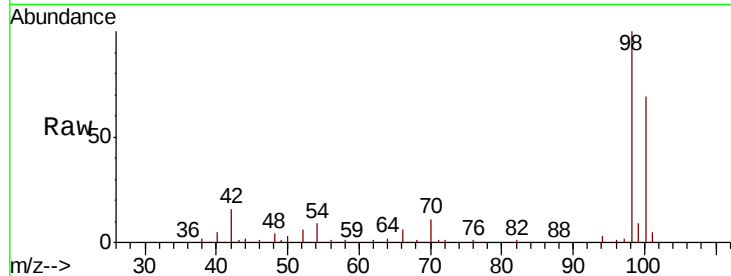




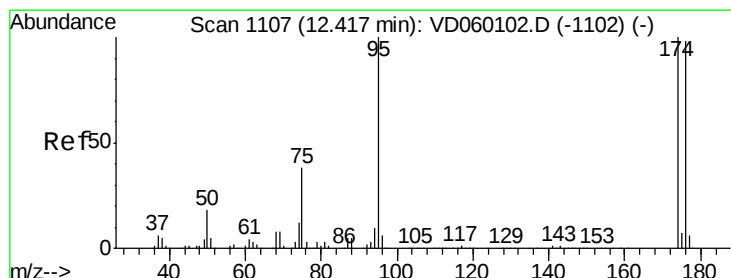
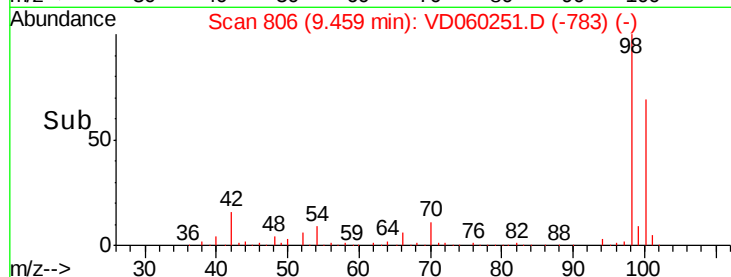
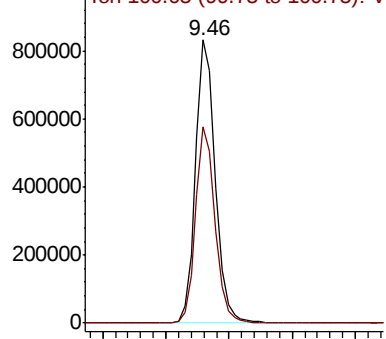
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 806
Delta R.T. 0.02 min
Lab File: VD060251.D
Acq: 31 Oct 2018 19:42

Instrument :
MSVOA_D
ClientSampleId :
TR-04-103018-A

Tot Ion: 98 Resp: 1796030
Ion Ratio Lower Upper
98 100
100 69.3 55.4 83.0

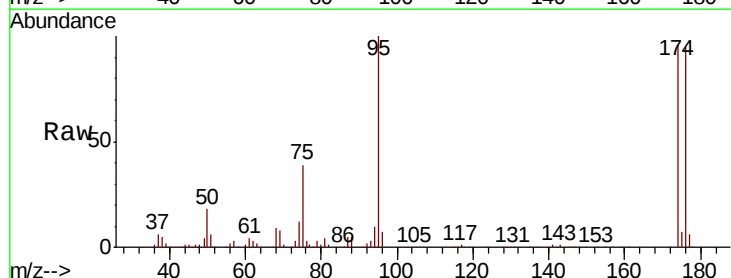


Abundance Ion 98.05 (97.75 to 98.75): VD060102.D (-797) (-)
Ion 100.05 (99.75 to 100.75): VD060102.D (-797) (-)

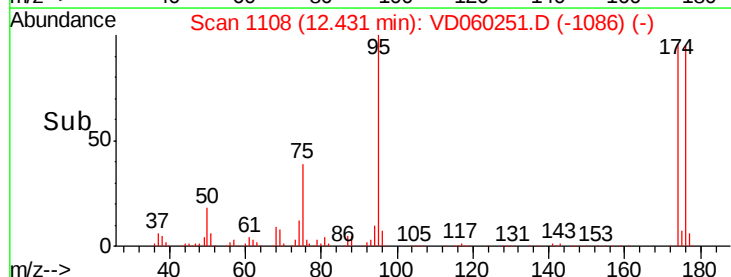
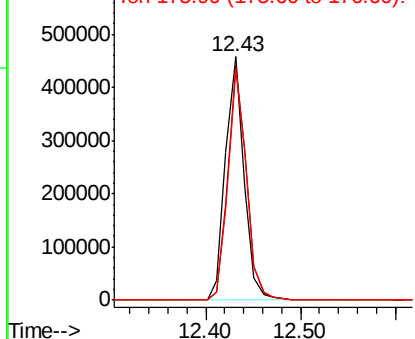


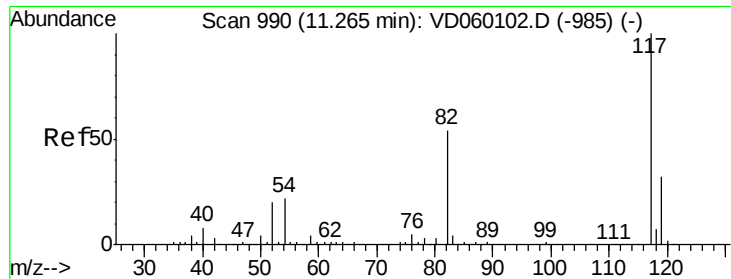
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VD060251.D
Acq: 31 Oct 2018 19:42

Tgt Ion: 95 Resp: 621290
Ion Ratio Lower Upper
95 100
174 96.4 0.0 200.2
176 94.8 0.0 195.6



Abundance Ion 95.00 (94.70 to 95.70): VD060102.D (-1102) (-)
Ion 173.90 (173.60 to 174.60): VD060102.D (-1102) (-)
Ion 175.90 (175.60 to 176.60): VD060102.D (-1102) (-)

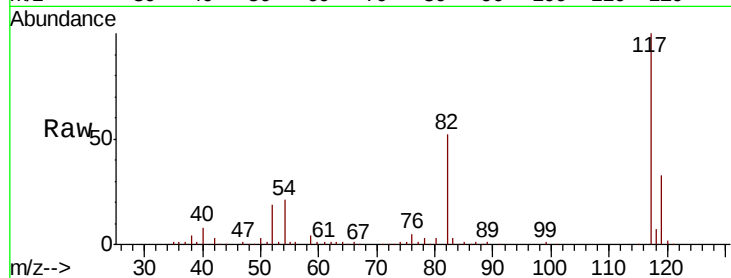




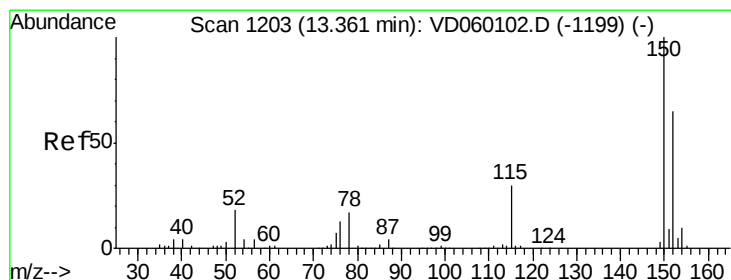
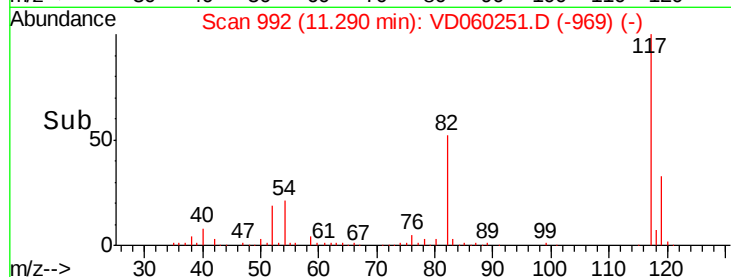
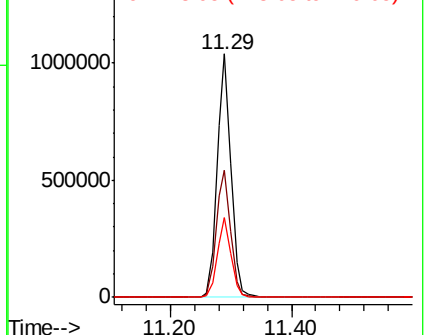
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 992
Delta R.T. 0.02 min
Lab File: VD060251.D
Acq: 31 Oct 2018 19:42

Instrument :
MSVOA_D
ClientSampleId :
TR-04-103018-A

Tot Ion:117 Resp: 1639930
Ion Ratio Lower Upper
117 100
82 52.1 43.4 65.2
119 33.0 26.0 39.0

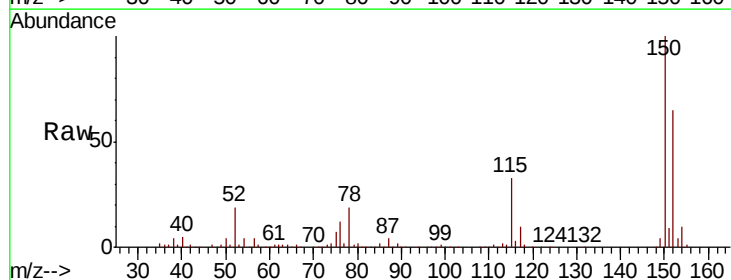


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

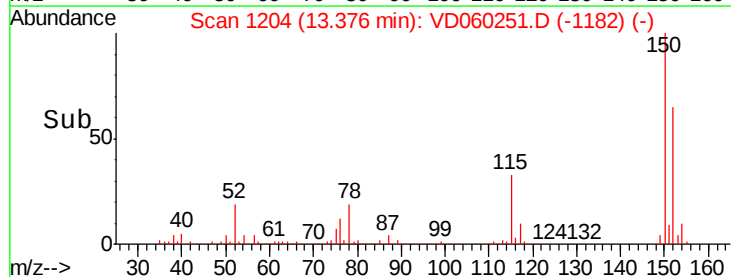
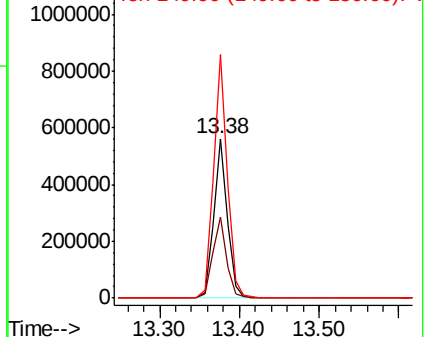


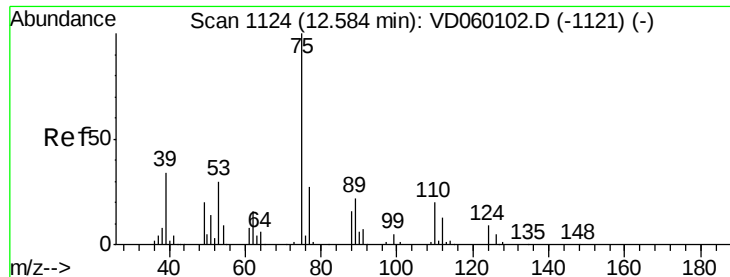
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1204
Delta R.T. 0.01 min
Lab File: VD060251.D
Acq: 31 Oct 2018 19:42

Tgt Ion:152 Resp: 679238
Ion Ratio Lower Upper
152 100
115 50.8 27.1 81.2
150 152.9 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: 25.221 ug/l

RT: 12.43 min Scan# 1108

Delta R.T. -0.15 min

Lab File: VD060251.D

Acq: 31 Oct 2018 19:42

Instrument :

MSVOA_D

ClientSampleId :

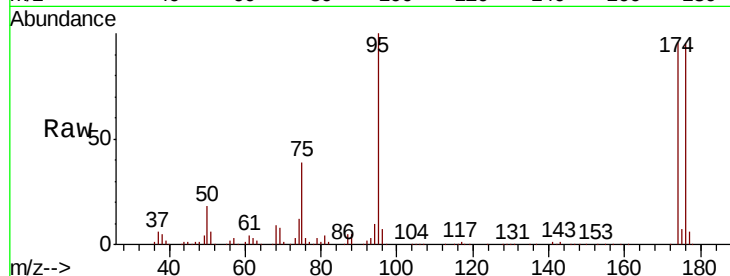
TR-04-103018-A

Tot Ion: 75 Resp: 246712

Ion Ratio Lower Upper

75 100

77 1.4 16.3 48.9#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

12.43

200000

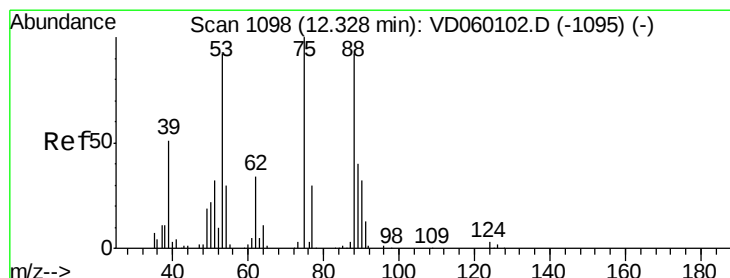
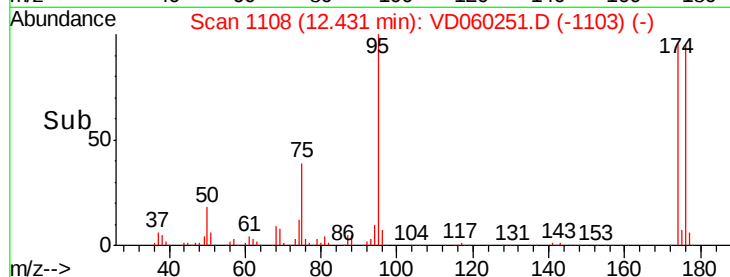
150000

100000

50000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 89.878 ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.10 min

Lab File: VD060251.D

Acq: 31 Oct 2018 19:42

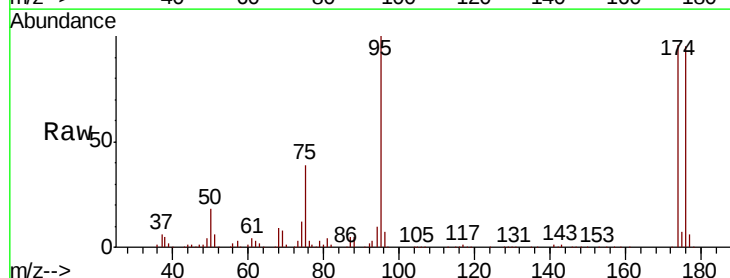
Tgt Ion: 75 Resp: 247037

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.6#

89 0.0 32.0 48.0#



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

200000

150000

100000

50000

0

Time-->

