

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD102618\
 Data File : VD060222.D
 Acq On : 26 Oct 2018 18:00
 Operator : JC/SY
 Sample : J5688-01
 Misc : 5.03g/5ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DPC-91567-OD-01

Quant Time: Oct 26 23:43:44 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	6.40	168	1755688	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.44	114	2385521	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.28	117	2046885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	1027310	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.78	65	685460	51.51	ug/l	0.02
Spiked Amount			Recovery	=	103.02%	
35) Dibromofluoromethane	6.33	113	902708	49.83	ug/l	0.03
Spiked Amount			Recovery	=	99.66%	
50) Toluene-d8	9.45	98	2584217	50.03	ug/l	0.02
Spiked Amount			Recovery	=	100.06%	
62) 4-Bromofluorobenzene	12.43	95	953552	49.30	ug/l	0.00
Spiked Amount			Recovery	=	98.60%	

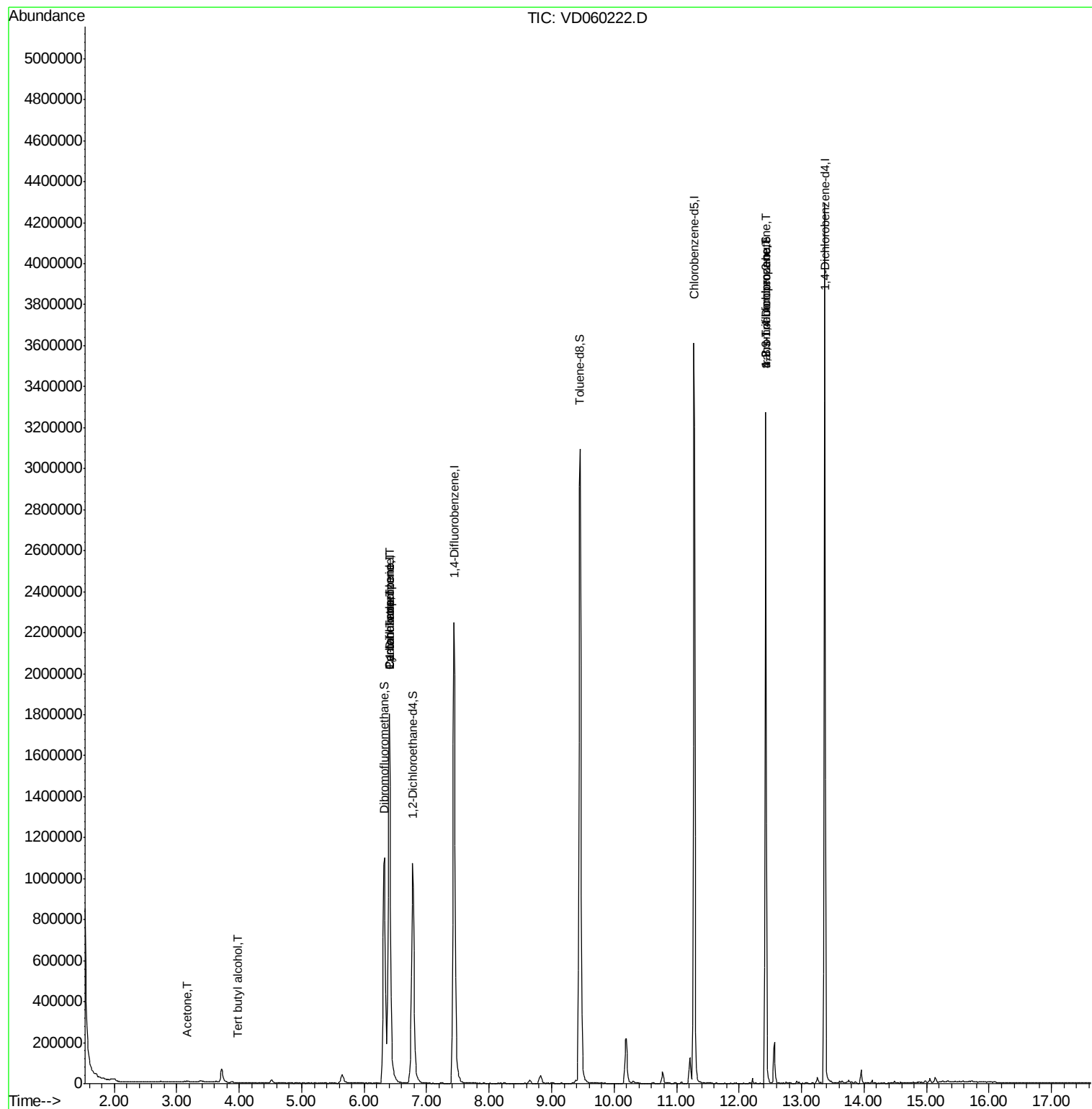
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.96	59	4002	4.193	ug/l #	74
16) Acetone	3.16	43	10299	4.265	ug/l #	83
20) Methylene Chloride	3.72	84	40287	Below Cal		92
31) Cyclohexane	6.40	56	32843	1.139	ug/l #	1
36) 1,1-Dichloropropene	6.40	75	129035	5.660	ug/l #	45
38) Carbon Tetrachloride	6.40	117	133377	6.447	ug/l #	15
76) 1,2,3-Trichloropropane	12.43	75	347550	23.492	ug/l #	45
81) trans-1,4-Dichloro-2-buten	12.43	75	387294	93.165	ug/l #	13

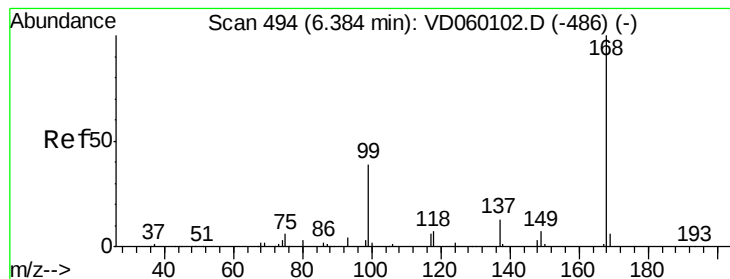
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD102618\
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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: 6.40 min Scan# 496

Delta R.T. 0.02 min

Lab File: VD060222.D

Acq: 26 Oct 2018 18:00

Instrument :

MSVOA_D

ClientSampleId :

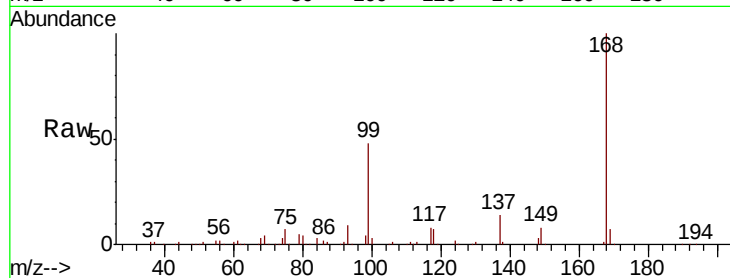
DPC-91567-OD-01

Tgt Ion:168 Resp: 1755688

Ion Ratio Lower Upper

168 100

99 47.9 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.40

800000

600000

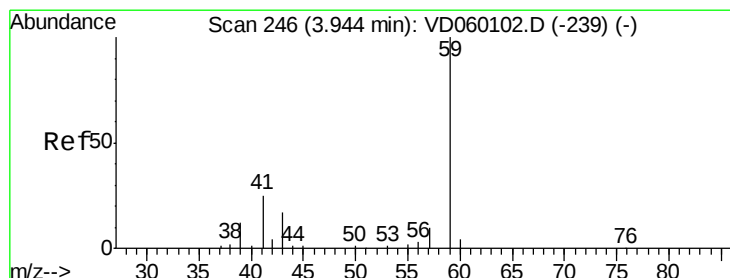
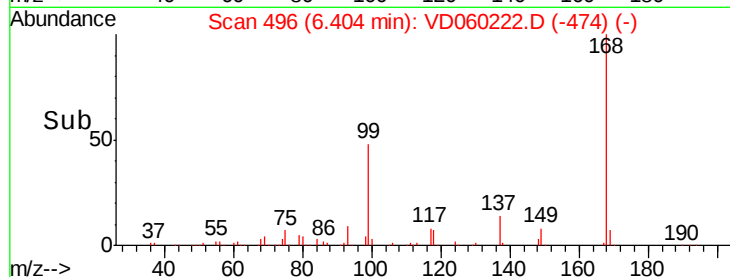
400000

200000

0

Time-->

6.30 6.40 6.50 6.60



#11

Tert butyl alcohol

Concen: 4.193 ug/l

RT: 3.96 min Scan# 248

Delta R.T. 0.02 min

Lab File: VD060222.D

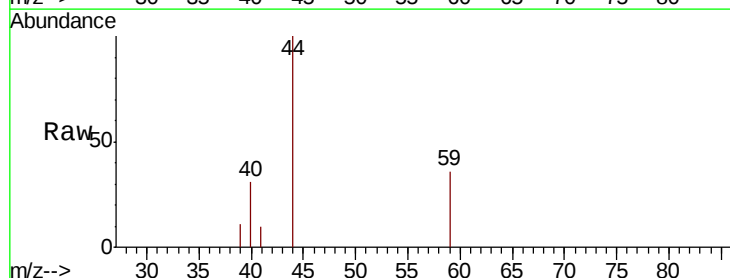
Acq: 26 Oct 2018 18:00

Tgt Ion: 59 Resp: 4002

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC

1500

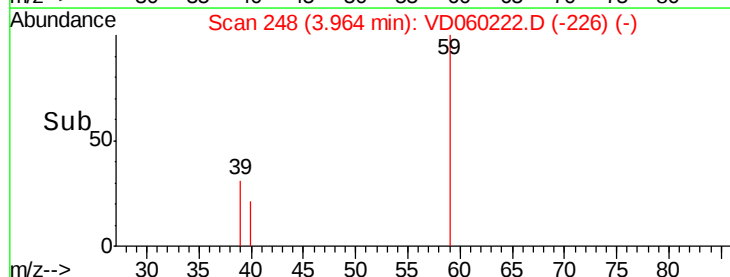
1000

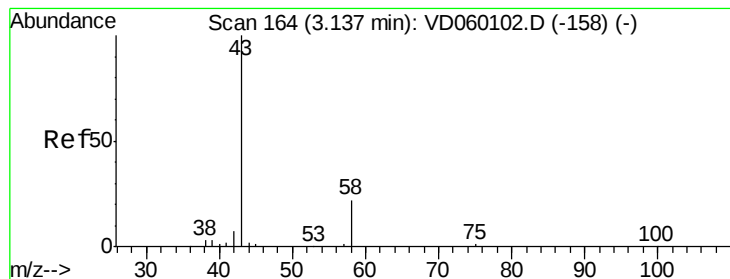
500

0

Time-->

3.90 3.95 4.00 4.05





#16

Acetone

Concen: 4.265 ug/l

RT: 3.16 min Scan# 166

Delta R.T. 0.02 min

Lab File: VD060222.D

Acq: 26 Oct 2018 18:00

Instrument :

MSVOA_D

ClientSampleId :

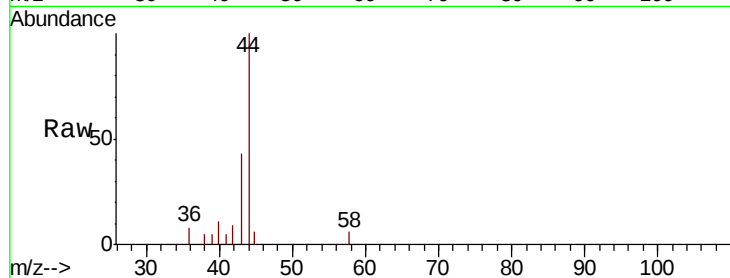
DPC-91567-OD-01

Tgt Ion: 43 Resp: 10299

Ion Ratio Lower Upper

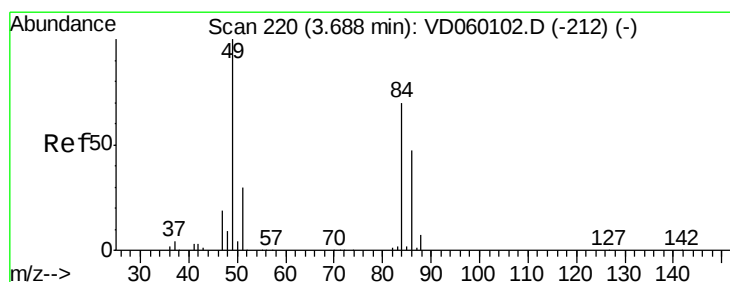
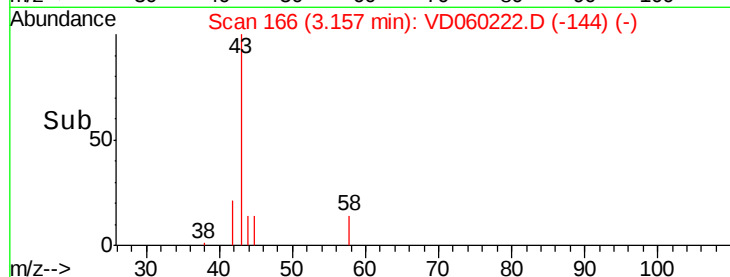
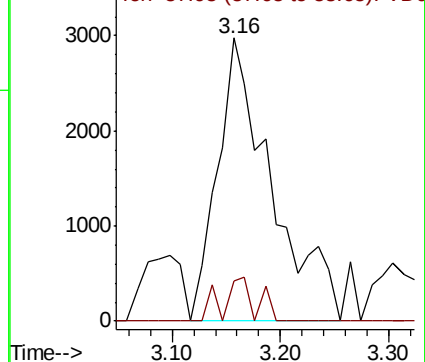
43 100

58 14.2 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: Below Cal

RT: 3.72 min Scan# 223

Delta R.T. 0.03 min

Lab File: VD060222.D

Acq: 26 Oct 2018 18:00

Tgt Ion: 84 Resp: 40287

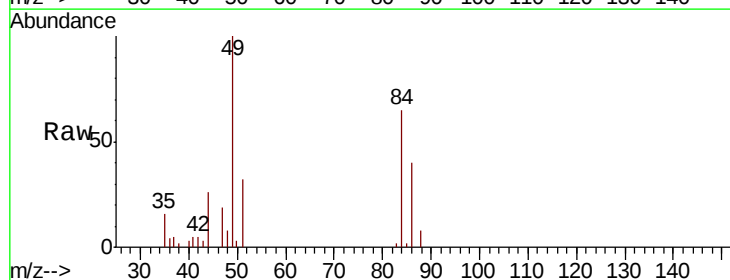
Ion Ratio Lower Upper

84 100

49 152.8 114.6 172.0

51 48.5 33.8 50.8

86 61.7 53.3 79.9

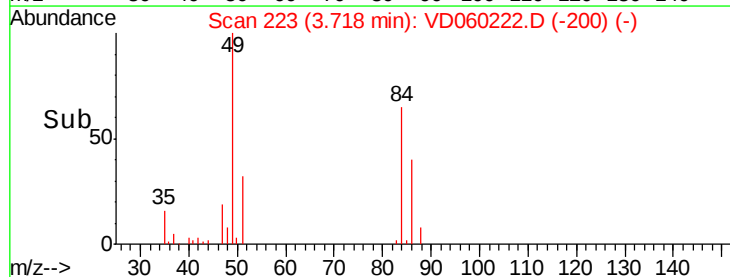
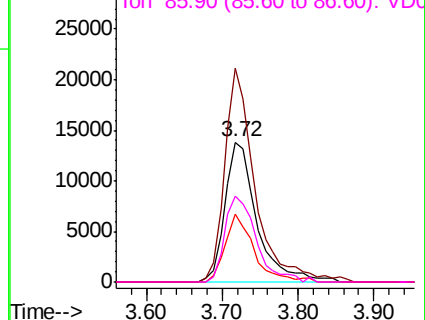


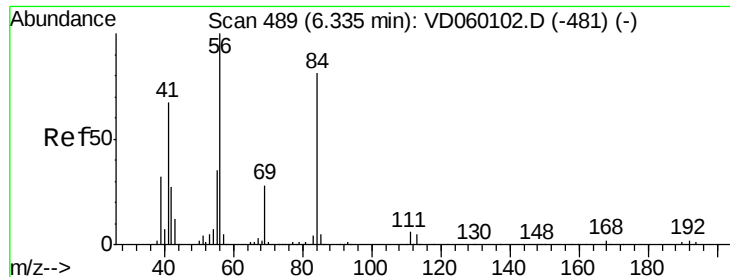
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

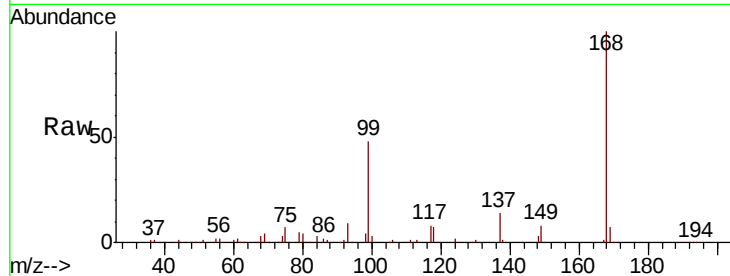




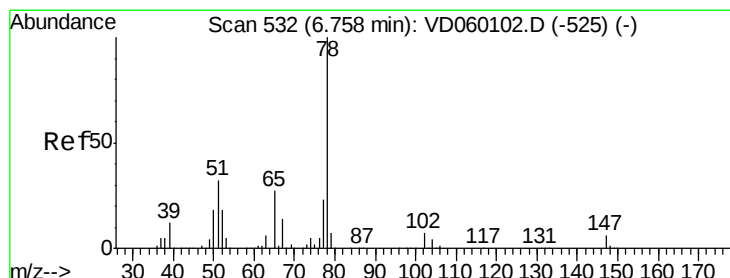
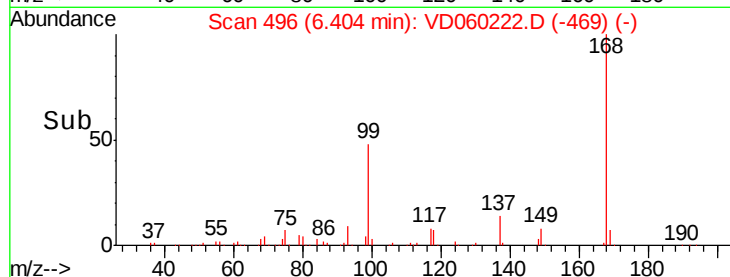
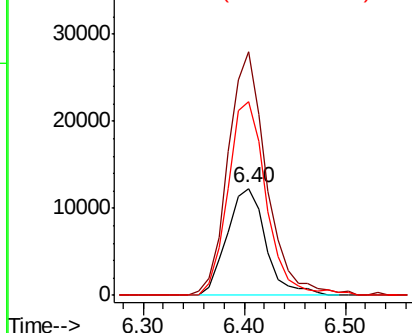
#31
Cyclohexane
Concen: 1.139 ug/l
RT: 6.40 min Scan# 496
Delta R.T. 0.07 min
Lab File: VD060222.D
Acq: 26 Oct 2018 18:00

Instrument :
MSVOA_D
ClientSampleId :
DPC-91567-OD-01

Tgt Ion: 56 Resp: 32843
Ion Ratio Lower Upper
56 100
69 227.7 22.8 34.2#
84 181.7 64.9 97.3#

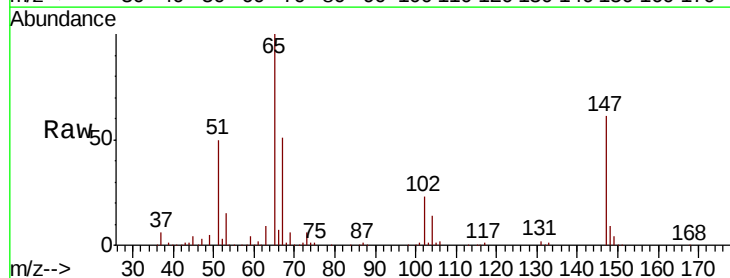


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

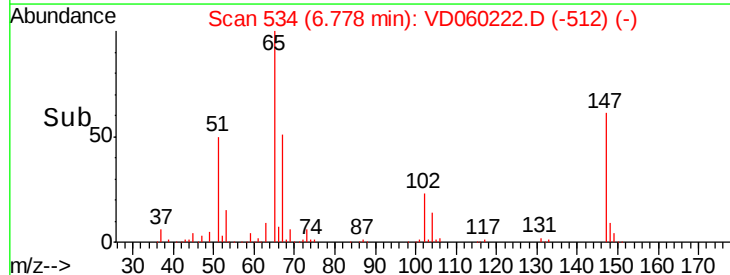
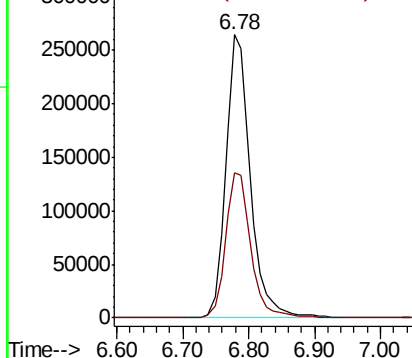


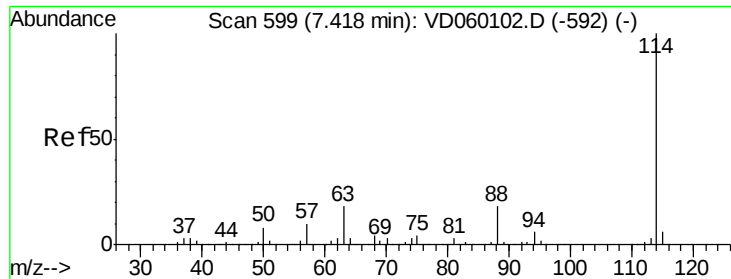
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.78 min Scan# 534
Delta R.T. 0.02 min
Lab File: VD060222.D
Acq: 26 Oct 2018 18:00

Tgt Ion: 65 Resp: 685460
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.2



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

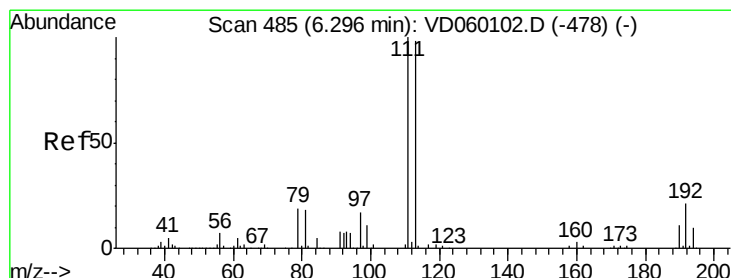
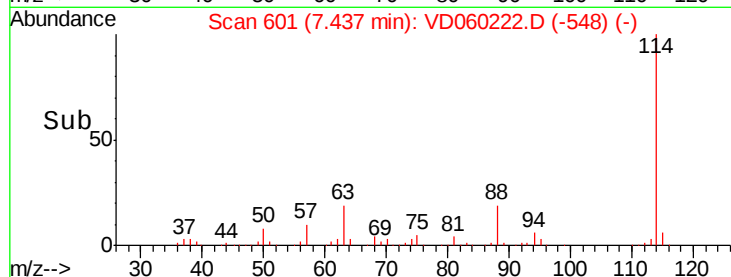
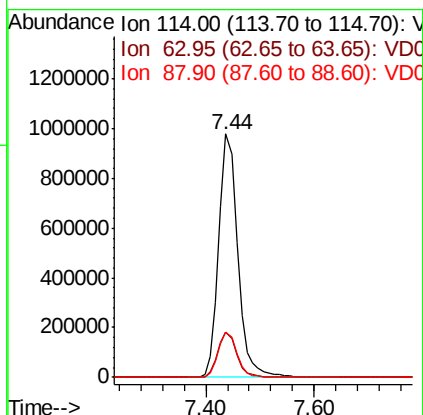
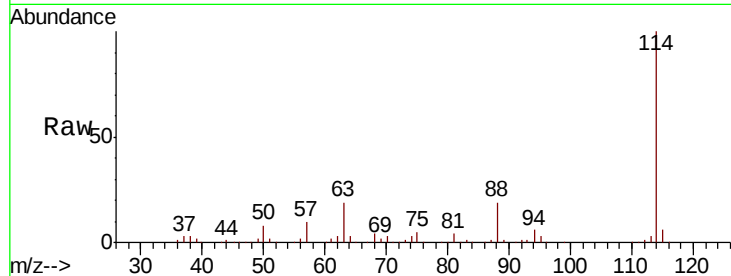




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. 0.02 min
 Lab File: VD060222.D
 Acq: 26 Oct 2018 18:00

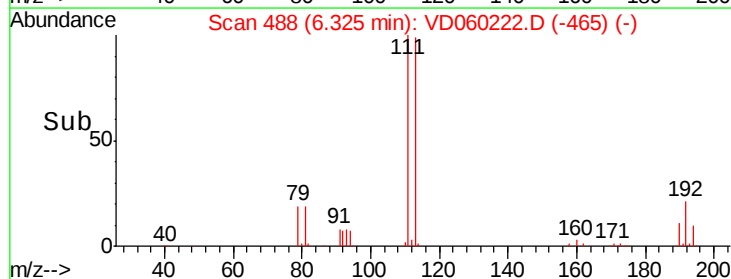
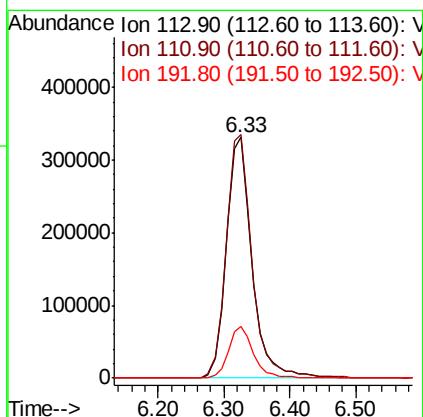
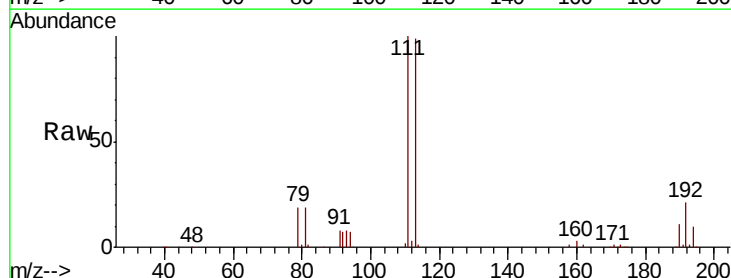
Instrument :
 MSVOA_D
 ClientSampleId :
 DPC-91567-OD-01

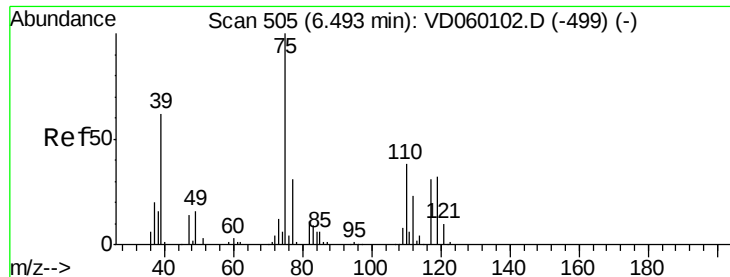
Tgt Ion:114 Resp: 2385521
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 36.0
 88 18.8 0.0 36.2



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 488
 Delta R.T. 0.03 min
 Lab File: VD060222.D
 Acq: 26 Oct 2018 18:00

Tgt Ion:113 Resp: 902708
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.5 122.3
 192 21.3 17.4 26.0





#36

1,1-Dichloropropene

Concen: 5.660 ug/l

RT: 6.40 min Scan# 496

Delta R.T. -0.09 min

Lab File: VD060222.D

Acq: 26 Oct 2018 18:00

Instrument :

MSVOA_D

ClientSampleId :

DPC-91567-OD-01

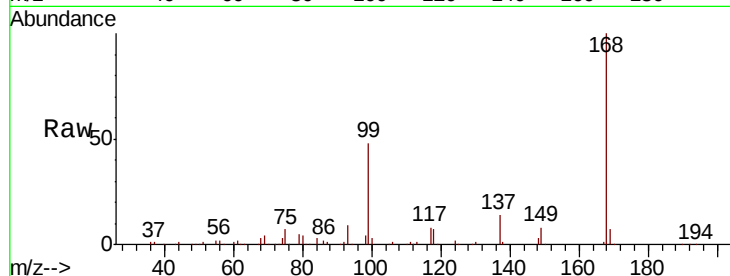
Tgt Ion: 75 Resp: 129035

Ion Ratio Lower Upper

75 100

110 5.8 19.0 57.0#

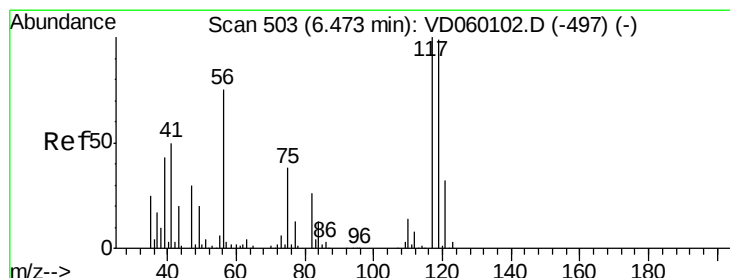
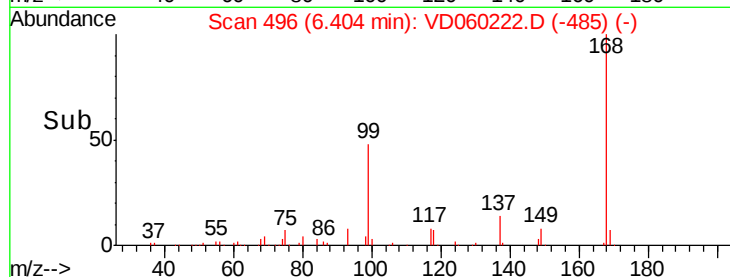
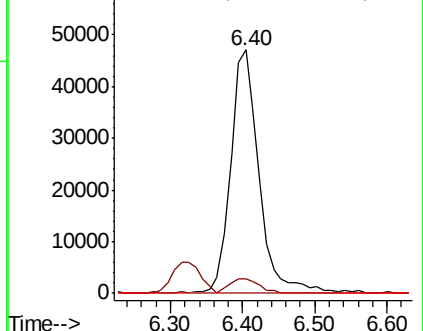
77 0.0 24.9 37.3#



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: 6.447 ug/l

RT: 6.40 min Scan# 496

Delta R.T. -0.07 min

Lab File: VD060222.D

Acq: 26 Oct 2018 18:00

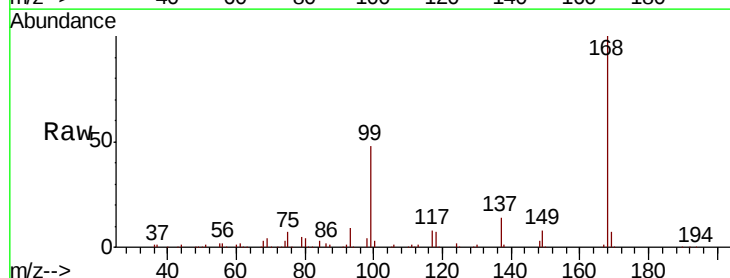
Tgt Ion: 117 Resp: 133377

Ion Ratio Lower Upper

117 100

119 5.1 77.8 116.6#

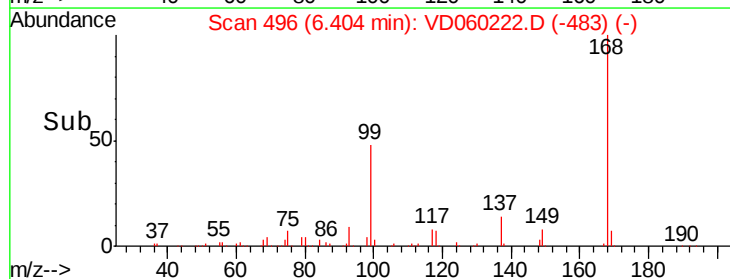
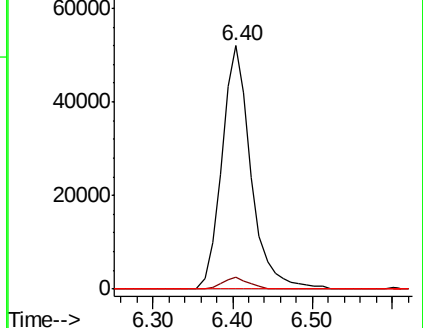
121 0.0 24.8 37.2#

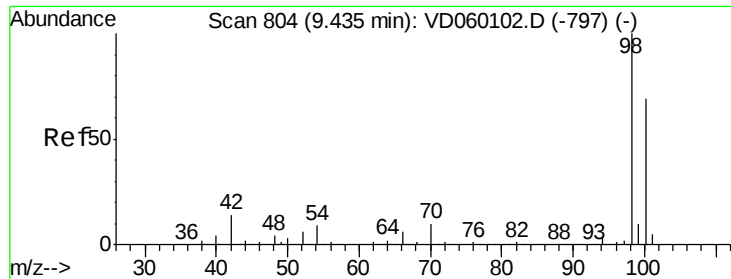


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

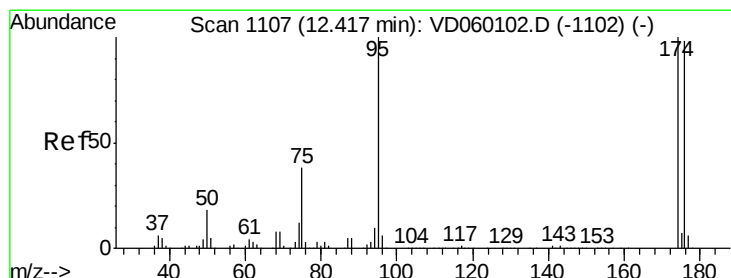
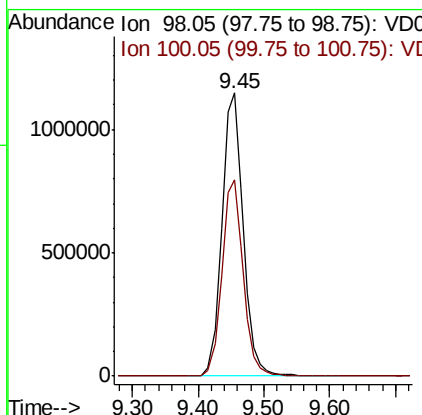
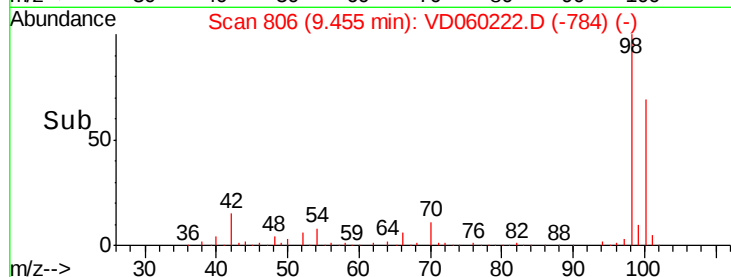
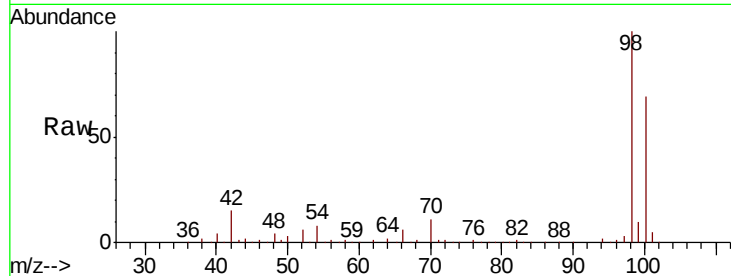




#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 806
Delta R.T. 0.02 min
Lab File: VD060222.D
Acq: 26 Oct 2018 18:00

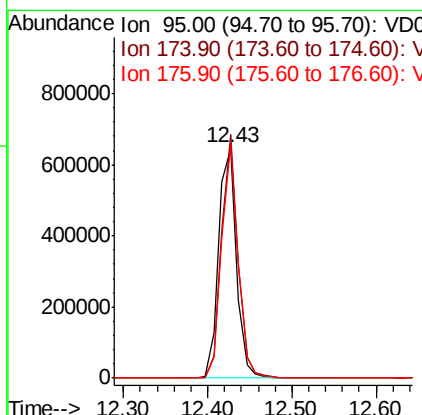
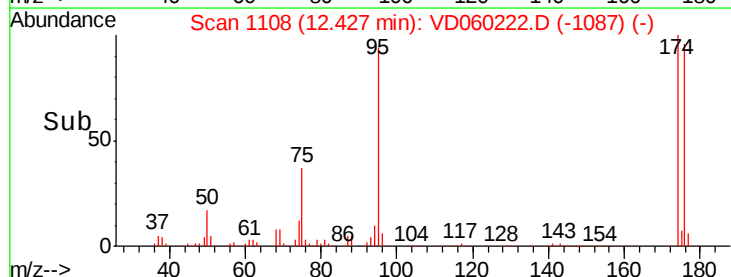
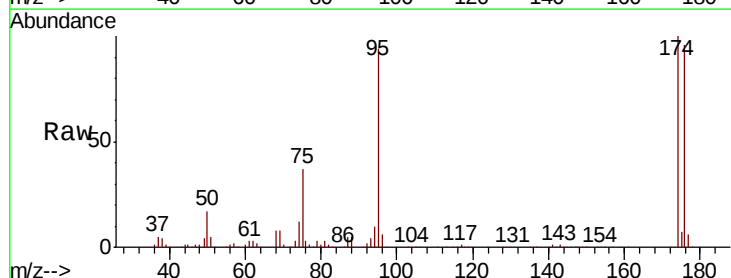
Instrument :
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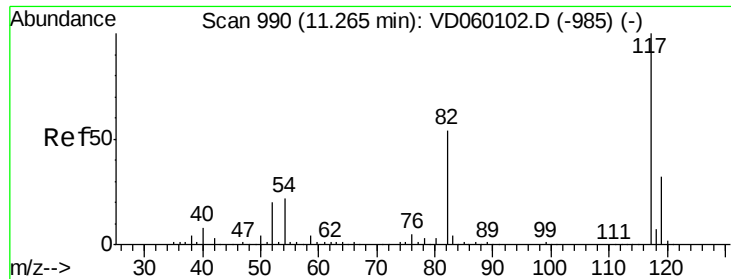
Tgt Ion: 98 Resp: 2584217
Ion Ratio Lower Upper
98 100
100 69.3 55.4 83.0



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VD060222.D
Acq: 26 Oct 2018 18:00

Tgt Ion: 95 Resp: 953552
Ion Ratio Lower Upper
95 100
174 106.0 0.0 200.2
176 102.1 0.0 195.6

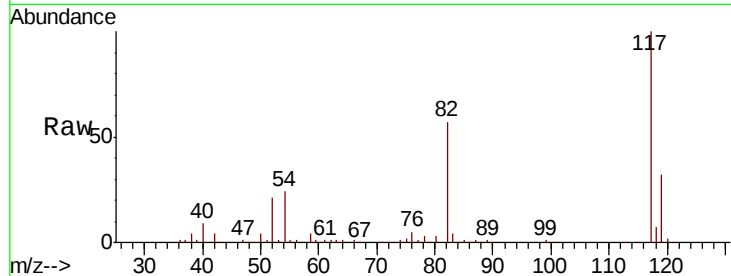




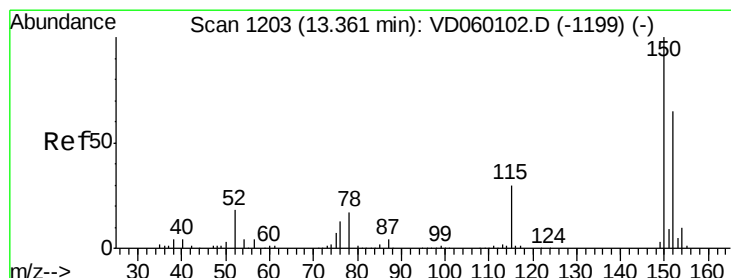
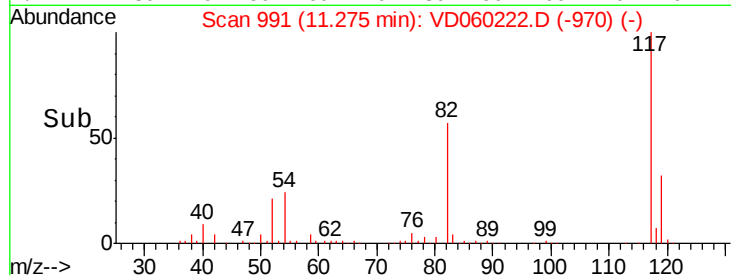
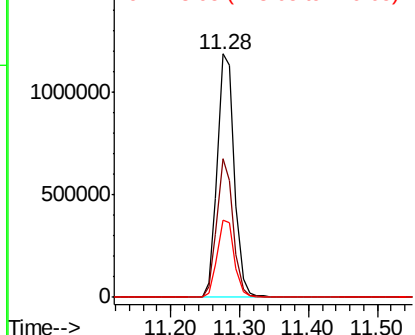
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 991
Delta R.T. 0.01 min
Lab File: VD060222.D
Acq: 26 Oct 2018 18:00

Instrument :
MSVOA_D
ClientSampleId :
DPC-91567-OD-01

Tgt Ion:117 Resp: 2046885
Ion Ratio Lower Upper
117 100
82 57.0 43.4 65.2
119 31.5 26.0 39.0

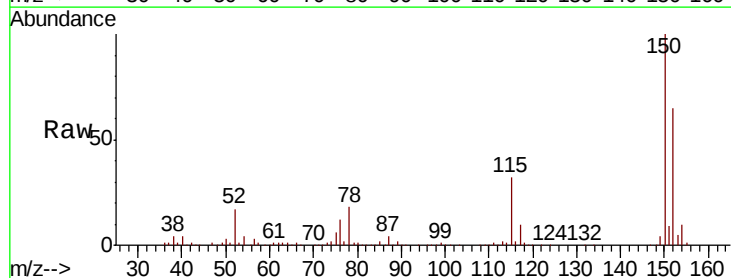


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

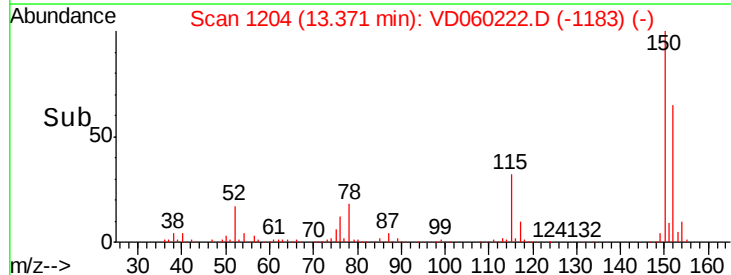
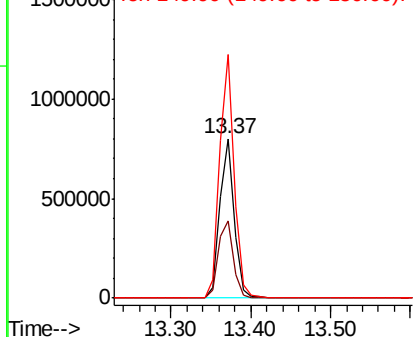


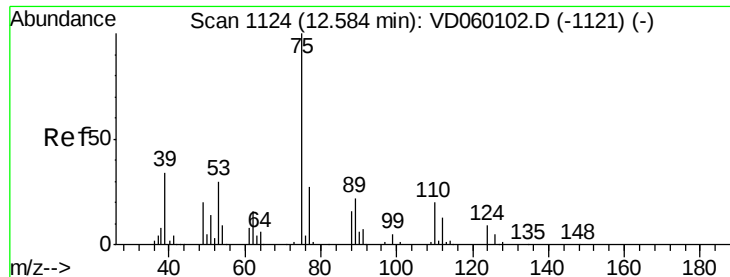
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. 0.01 min
Lab File: VD060222.D
Acq: 26 Oct 2018 18:00

Tgt Ion:152 Resp: 1027310
Ion Ratio Lower Upper
152 100
115 48.8 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

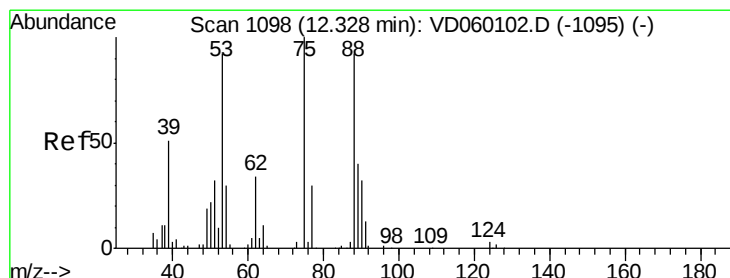
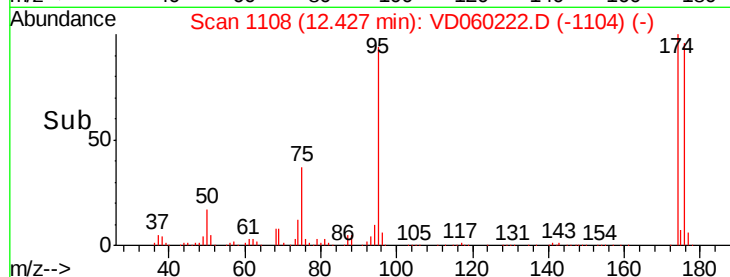
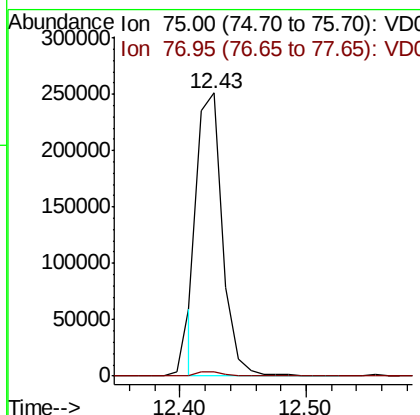
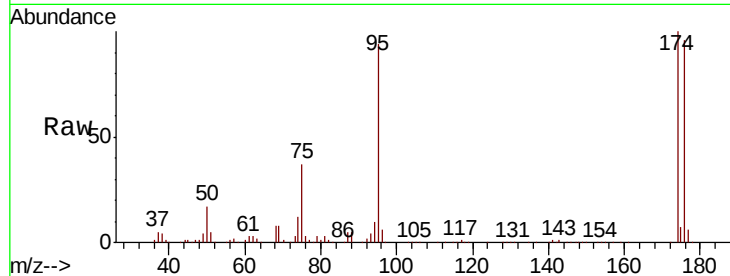




#76
 1,2,3-Trichloropropane
 Concen: 23.492 ug/l
 RT: 12.43 min Scan# 1108
 Delta R.T. -0.16 min
 Lab File: VD060222.D
 Acq: 26 Oct 2018 18:00

Instrument :
 MSVOA_D
 ClientSampleId :
 DPC-91567-OD-01

Tgt Ion: 75 Resp: 347550
 Ion Ratio Lower Upper
 75 100
 77 1.6 16.3 48.9#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.165 ug/l
 RT: 12.43 min Scan# 1108
 Delta R.T. 0.10 min
 Lab File: VD060222.D
 Acq: 26 Oct 2018 18:00

Tgt Ion: 75 Resp: 387294
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.0 109.6#
 89 0.0 32.0 48.0#

