

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD100518\
 Data File : VD060139.D
 Acq On : 5 Oct 2018 16:10
 Operator : VA/AP
 Sample : J5270-07
 Misc : 7.30g/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PHASE-3-SOIL

Quant Time: Oct 05 23:42:31 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	1492926	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.43	114	1973082	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.28	117	1278740	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	298711	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.77	65	437242	38.64	ug/l	0.02
Spiked Amount 50.000			Recovery	=	77.28%	
35) Dibromofluoromethane	6.31	113	600912	40.11	ug/l	0.02
Spiked Amount 50.000			Recovery	=	80.22%	
50) Toluene-d8	9.45	98	1342425	31.42	ug/l	0.02
Spiked Amount 50.000			Recovery	=	62.84%	
62) 4-Bromofluorobenzene	12.42	95	299318	18.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	37.42%	

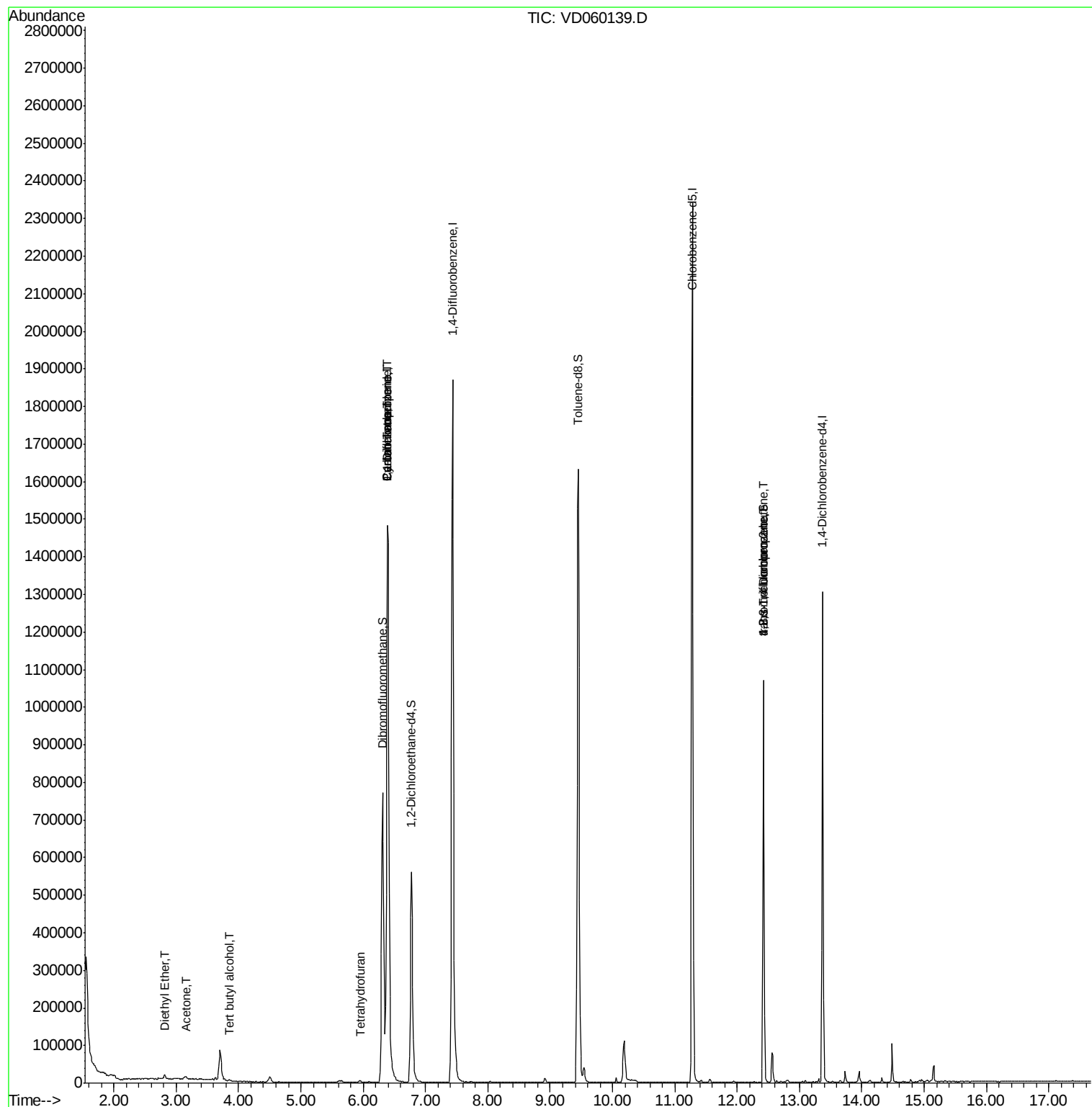
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	2.81	74	3547	1.390	ug/l	95
11) Tert butyl alcohol	3.86	59	2140	2.637	ug/l #	74
16) Acetone	3.15	43	17772	8.655	ug/l #	90
20) Methylene Chloride	3.70	84	51069	Below Cal		96
29) Tetrahydrofuran	5.95	42	3235	1.086	ug/l #	63
31) Cyclohexane	6.40	56	28774	1.174	ug/l #	1
36) 1,1-Dichloropropene	6.39	75	100093	5.309	ug/l #	46
38) Carbon Tetrachloride	6.39	117	115147	6.729	ug/l #	15
76) 1,2,3-Trichloropropane	12.42	75	118814	27.620	ug/l #	44
81) trans-1,4-Dichloro-2-buten	12.42	75	121487	100.506	ug/l #	13

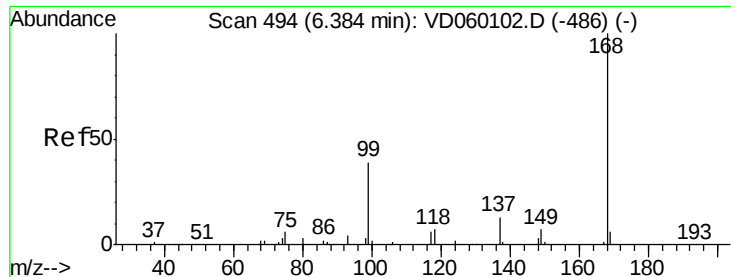
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD100518\
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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# 495

Delta R.T. 0.02 min

Lab File: VD060139.D

Acq: 5 Oct 2018 16:10

Instrument :

MSVOA_D

ClientSampleId :

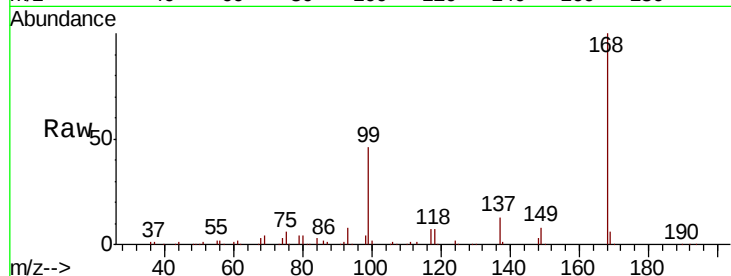
PHASE-3-SOIL

Tgt Ion:168 Resp: 1492926

Ion Ratio Lower Upper

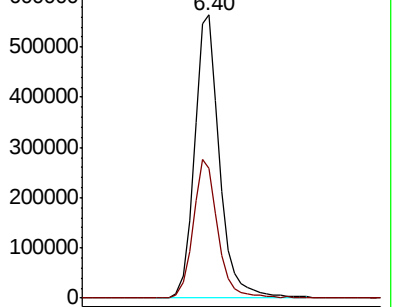
168 100

99 45.8 35.4 53.0

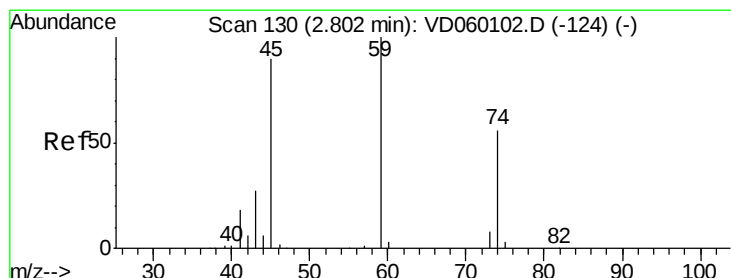
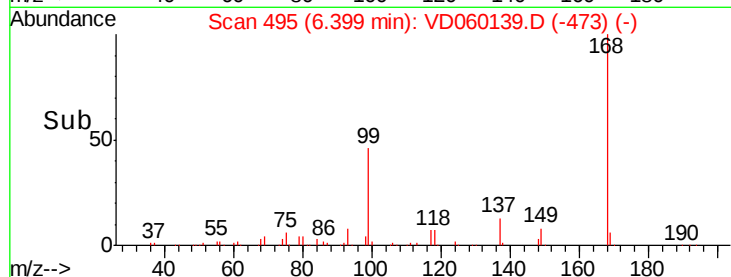


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



Time-->



#8

Diethyl Ether

Concen: 1.390 ug/l

RT: 2.81 min Scan# 130

Delta R.T. 0.01 min

Lab File: VD060139.D

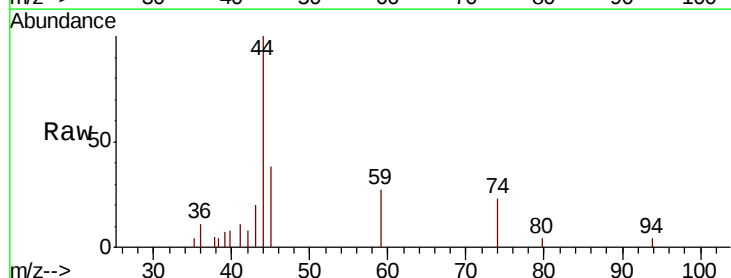
Acq: 5 Oct 2018 16:10

Tgt Ion: 74 Resp: 3547

Ion Ratio Lower Upper

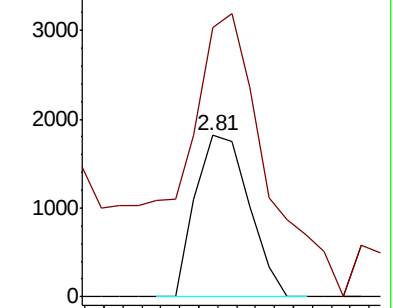
74 100

45 166.7 80.3 241.0

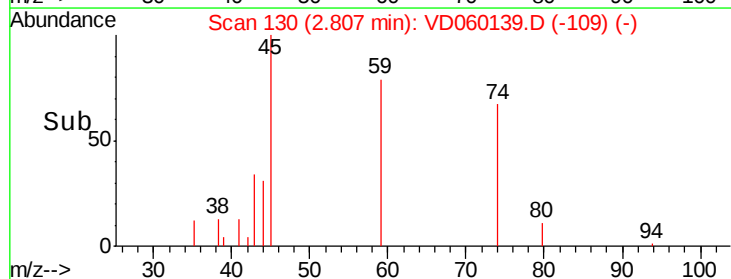


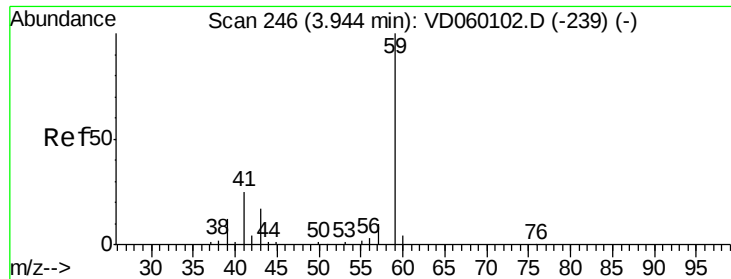
Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC



Time-->

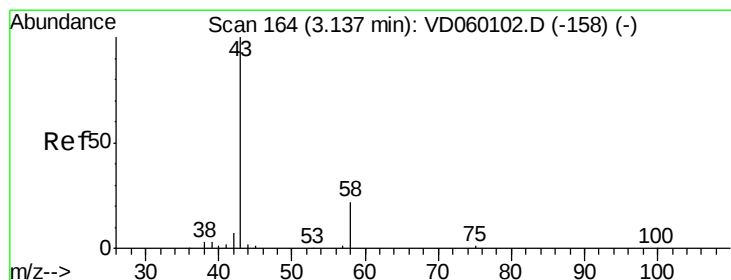
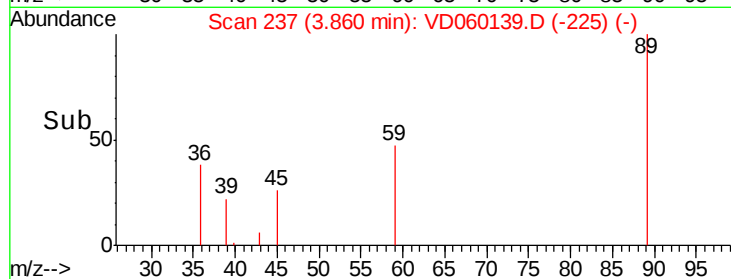
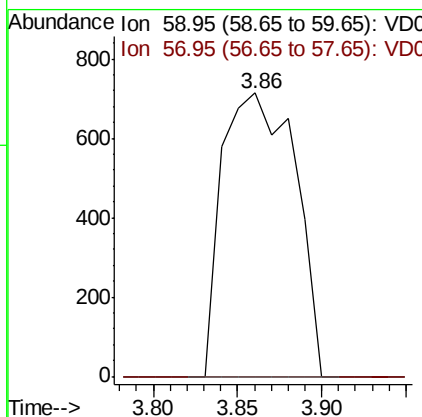
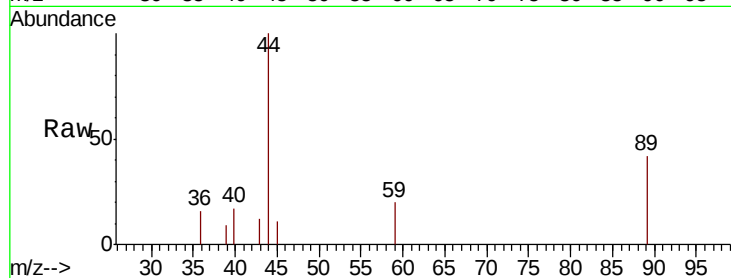




#11
Tert butyl alcohol
Concen: 2.637 ug/l
RT: 3.86 min Scan# 237
Delta R.T. -0.08 min
Lab File: VD060139.D
Acq: 5 Oct 2018 16:10

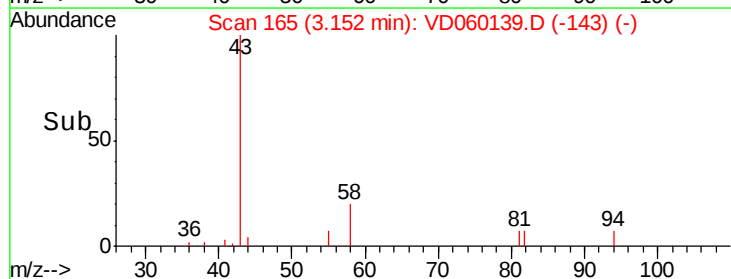
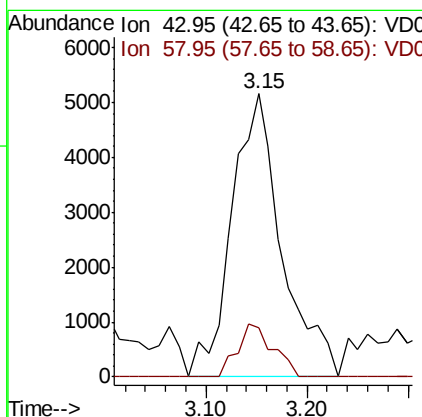
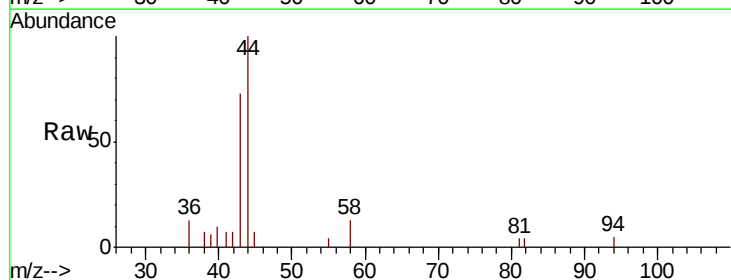
Instrument :
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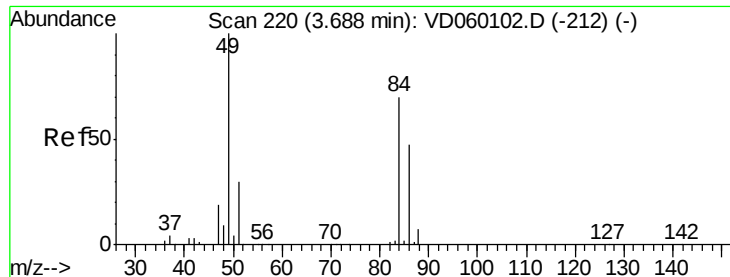
Tgt Ion: 59 Resp: 2140
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 8.655 ug/l
RT: 3.15 min Scan# 165
Delta R.T. 0.02 min
Lab File: VD060139.D
Acq: 5 Oct 2018 16:10

Tgt Ion: 43 Resp: 17772
Ion Ratio Lower Upper
43 100
58 17.5 17.7 26.5#

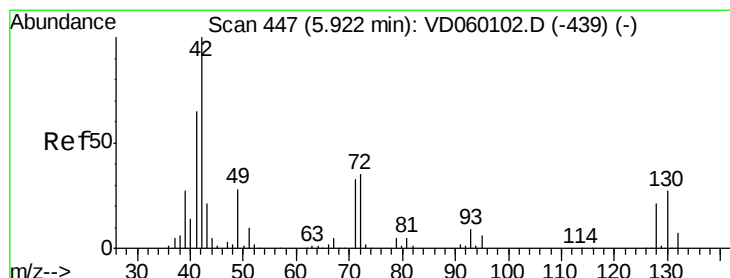
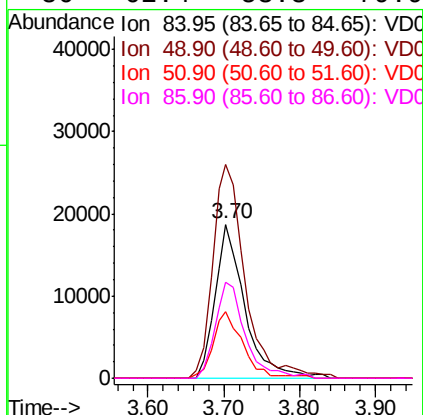
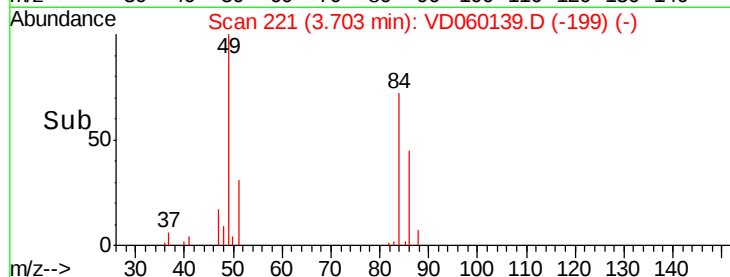
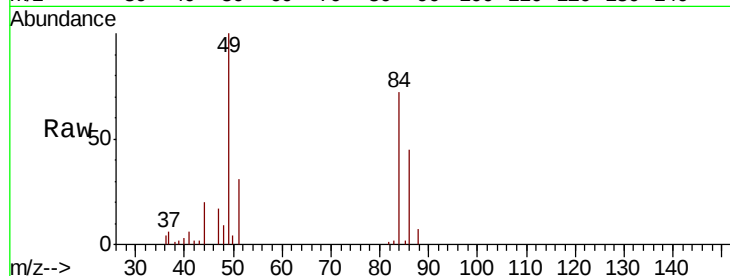




#20
Methylene Chloride
Concen: Below Cal
RT: 3.70 min Scan# 221
Delta R.T. 0.02 min
Lab File: VD060139.D
Acq: 5 Oct 2018 16:10

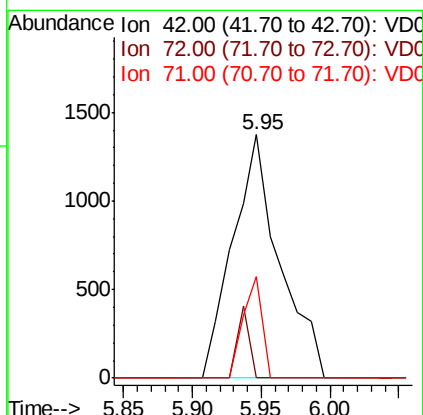
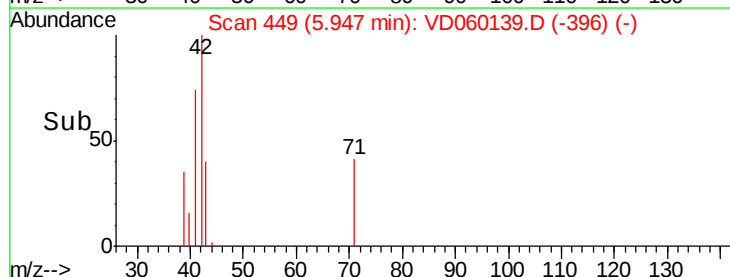
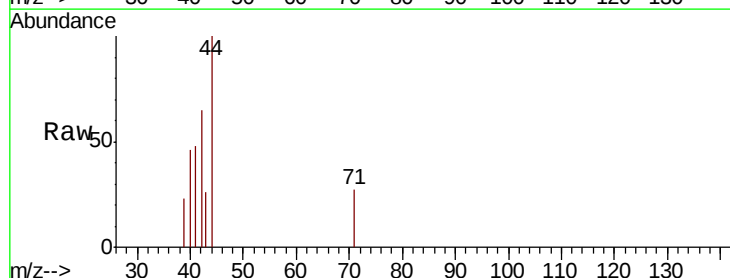
Instrument :
MSVOA_D
ClientSampleId :
PHASE-3-SOIL

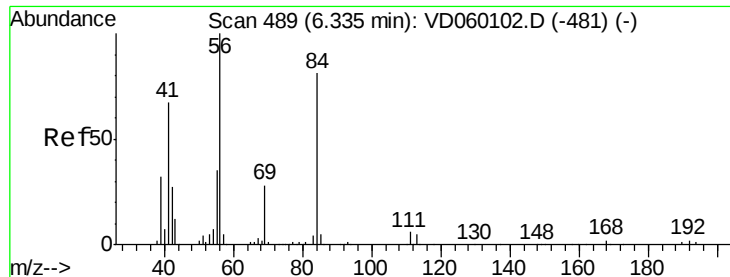
Tgt Ion: 84 Resp: 51069
Ion Ratio Lower Upper
84 100
49 138.9 114.6 172.0
51 43.0 33.8 50.8
86 62.4 53.3 79.9



#29
Tetrahydrofuran
Concen: 1.086 ug/l
RT: 5.95 min Scan# 449
Delta R.T. 0.02 min
Lab File: VD060139.D
Acq: 5 Oct 2018 16:10

Tgt Ion: 42 Resp: 3235
Ion Ratio Lower Upper
42 100
72 7.4 26.9 40.3#
71 17.0 26.7 40.1#

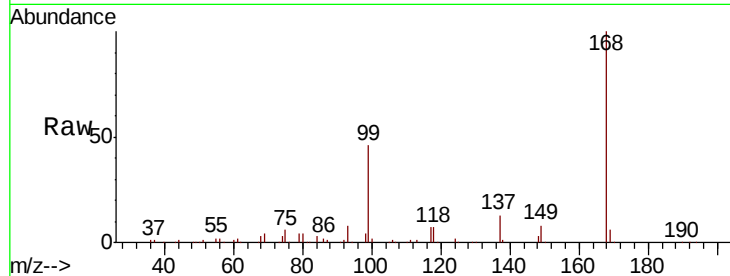




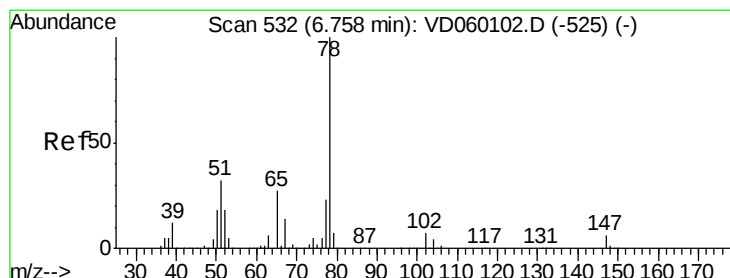
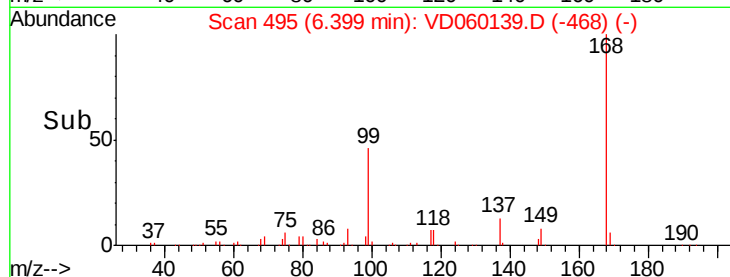
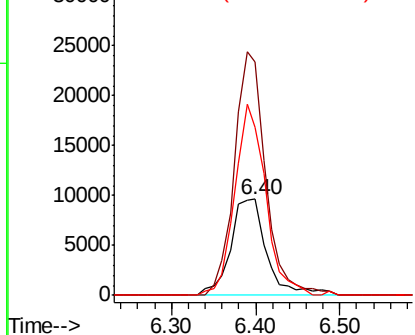
#31
Cyclohexane
Concen: 1.174 ug/l
RT: 6.40 min Scan# 495
Delta R.T. 0.06 min
Lab File: VD060139.D
Acq: 5 Oct 2018 16:10

Instrument :
MSVOA_D
ClientSampleId :
PHASE-3-SOIL

Tgt Ion: 56 Resp: 28774
Ion Ratio Lower Upper
56 100
69 242.5 22.8 34.2#
84 175.6 64.9 97.3#

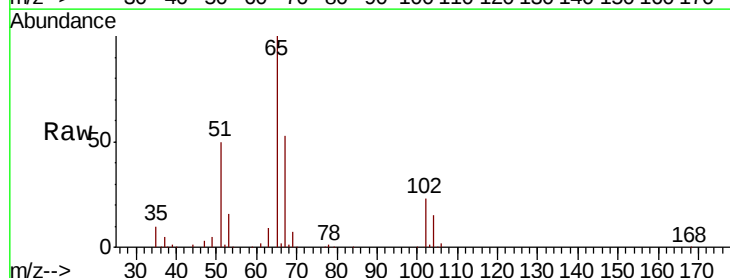


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

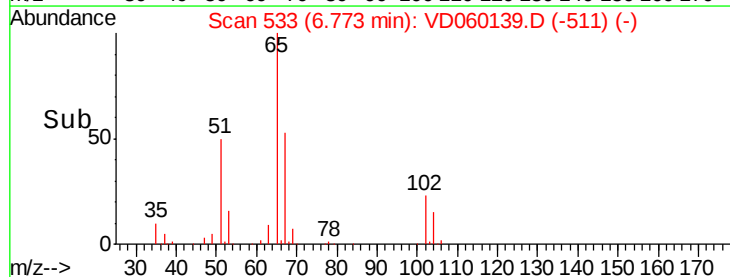
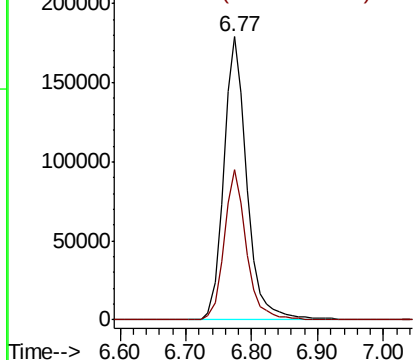


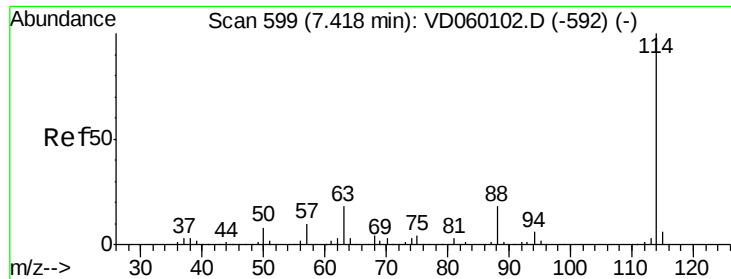
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.77 min Scan# 533
Delta R.T. 0.02 min
Lab File: VD060139.D
Acq: 5 Oct 2018 16:10

Tgt Ion: 65 Resp: 437242
Ion Ratio Lower Upper
65 100
67 53.2 0.0 106.2



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

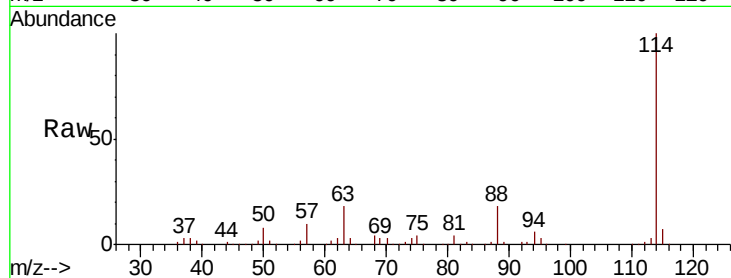




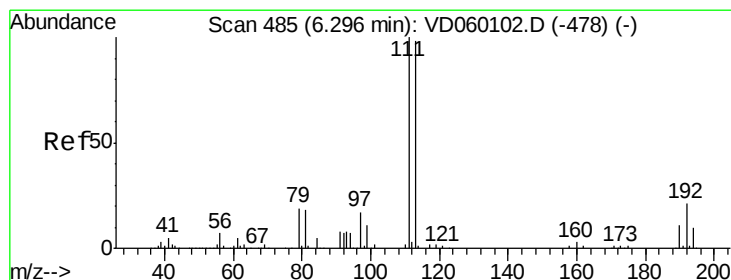
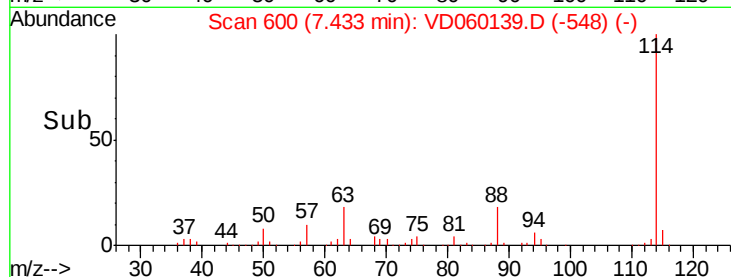
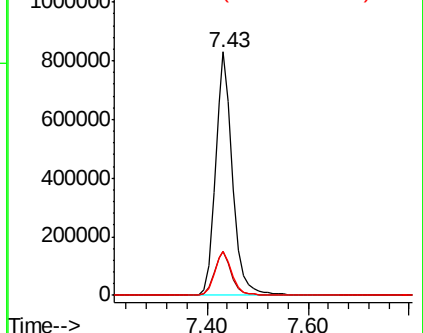
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.43 min Scan# 600
 Delta R.T. 0.02 min
 Lab File: VD060139.D
 Acq: 5 Oct 2018 16:10

Instrument :
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 PHASE-3-SOIL

Tgt Ion:114 Resp: 1973082
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 36.0
 88 18.2 0.0 36.2

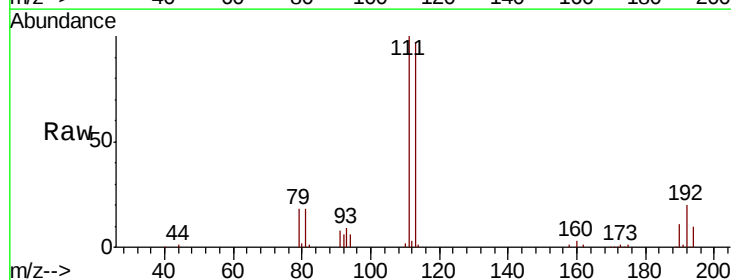


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

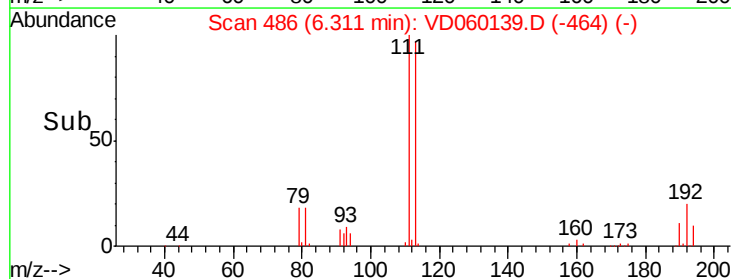
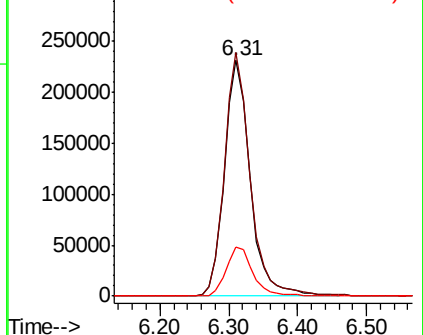


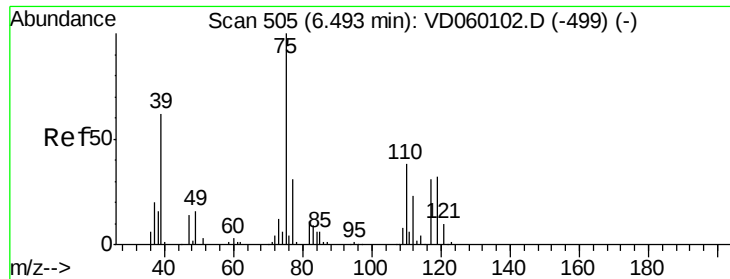
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.31 min Scan# 486
 Delta R.T. 0.02 min
 Lab File: VD060139.D
 Acq: 5 Oct 2018 16:10

Tgt Ion:113 Resp: 600912
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.5 122.3
 192 20.8 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

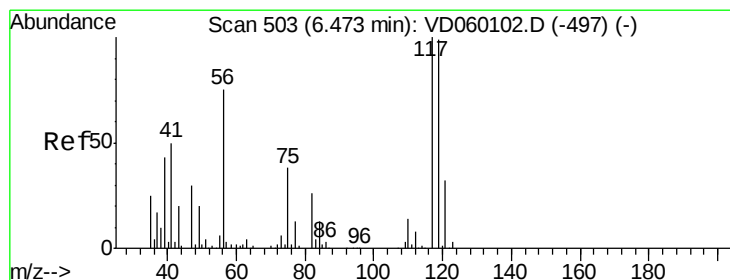
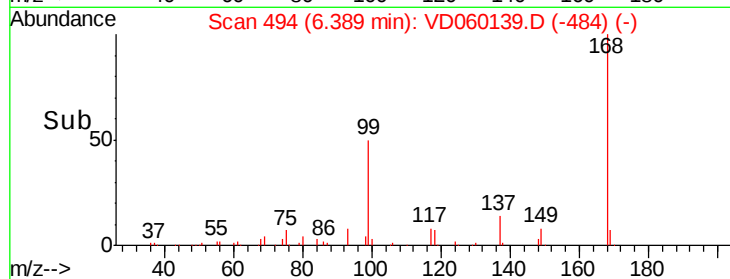
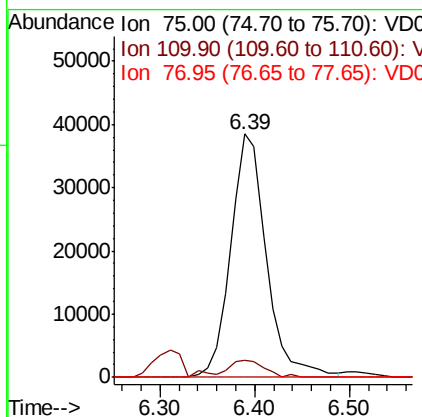
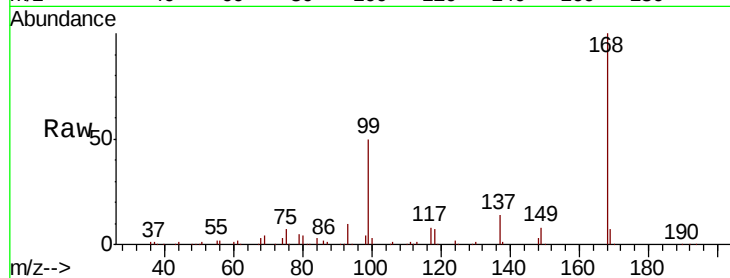




#36
 1,1-Dichloropropene
 Concen: 5.309 ug/l
 RT: 6.39 min Scan# 494
 Delta R.T. -0.10 min
 Lab File: VD060139.D
 Acq: 5 Oct 2018 16:10

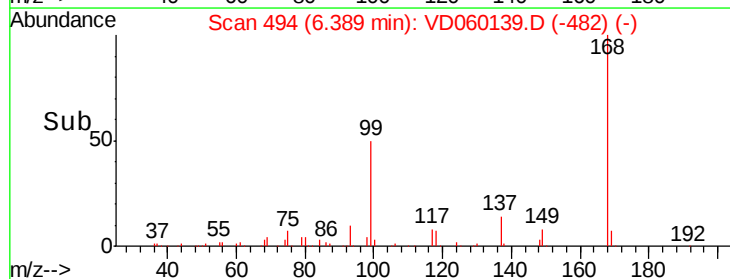
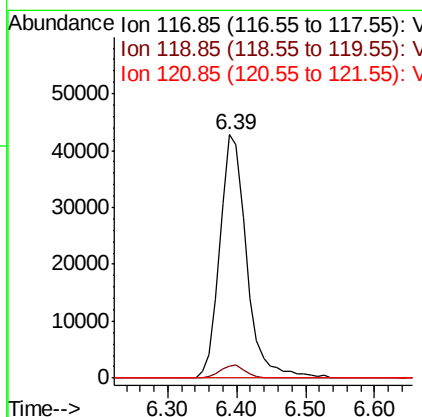
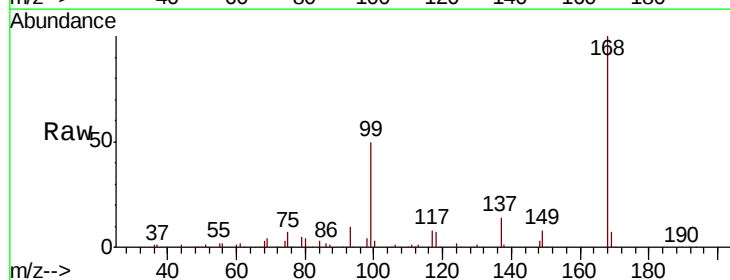
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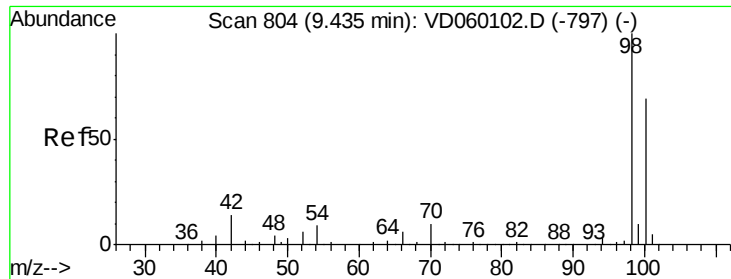
Tgt Ion: 75 Resp: 100093
 Ion Ratio Lower Upper
 75 100
 110 7.0 19.0 57.0#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.729 ug/l
 RT: 6.39 min Scan# 494
 Delta R.T. -0.08 min
 Lab File: VD060139.D
 Acq: 5 Oct 2018 16:10

Tgt Ion: 117 Resp: 115147
 Ion Ratio Lower Upper
 117 100
 119 4.7 77.8 116.6#
 121 0.0 24.8 37.2#

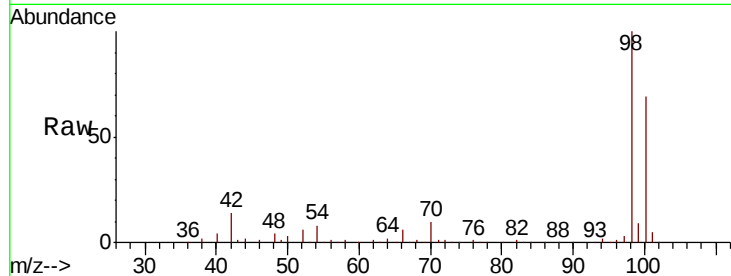




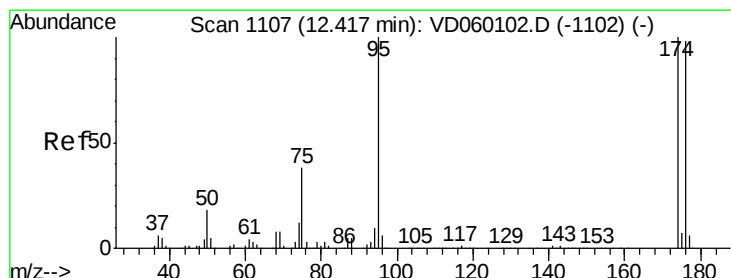
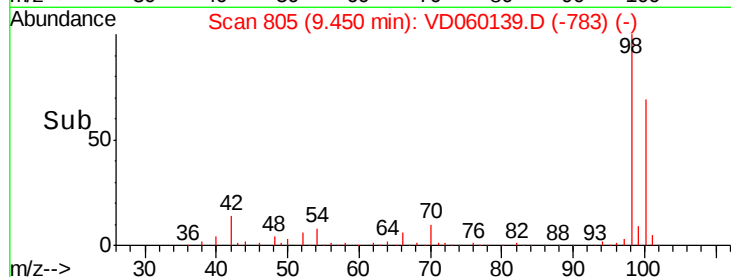
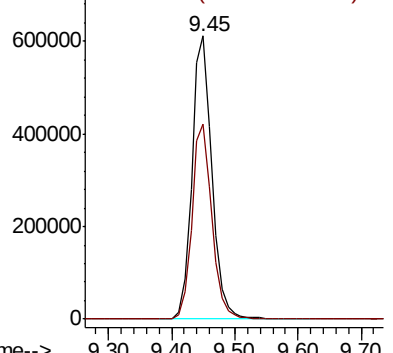
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 805
Delta R.T. 0.02 min
Lab File: VD060139.D
Acq: 5 Oct 2018 16:10

Instrument :
MSVOA_D
ClientSampleId :
PHASE-3-SOIL

Tgt Ion: 98 Resp: 1342425
Ion Ratio Lower Upper
98 100
100 69.0 55.4 83.0

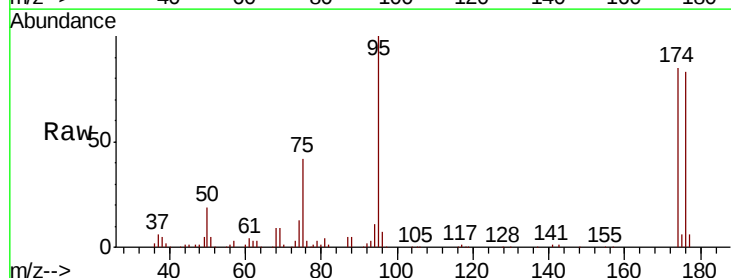


Abundance Ion 98.05 (97.75 to 98.75): VD060102.D (-797) (-)
Ion 100.05 (99.75 to 100.75): VD060102.D (-797) (-)

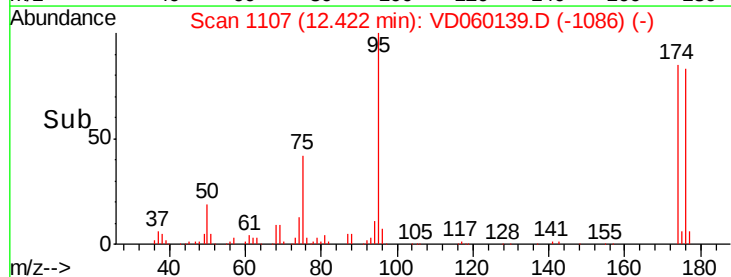
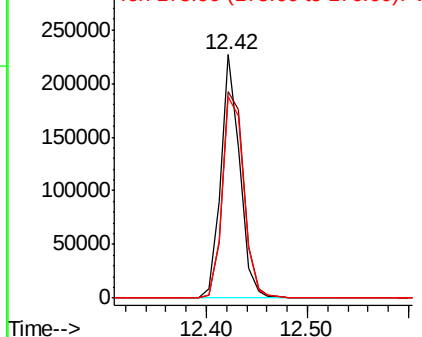


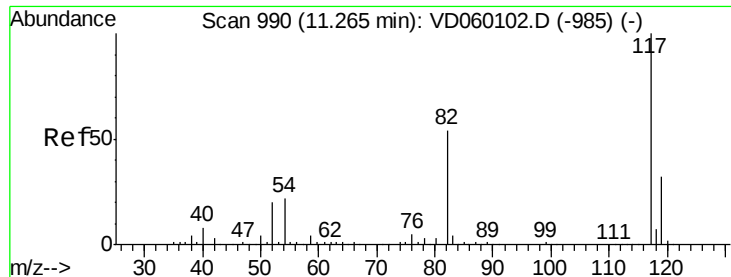
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VD060139.D
Acq: 5 Oct 2018 16:10

Tgt Ion: 95 Resp: 299318
Ion Ratio Lower Upper
95 100
174 84.7 0.0 200.2
176 82.7 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) (-)

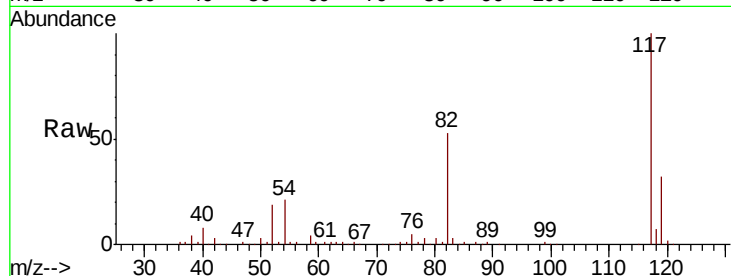




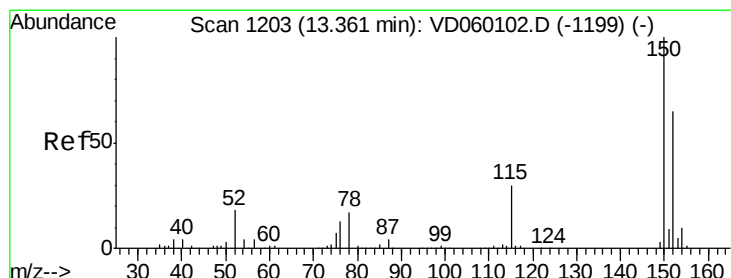
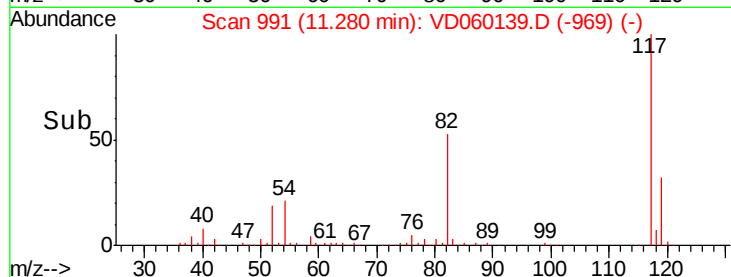
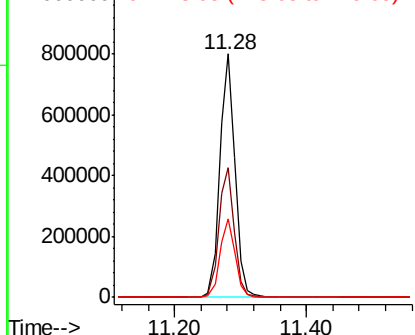
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 991
Delta R.T. 0.02 min
Lab File: VD060139.D
Acq: 5 Oct 2018 16:10

Instrument :
MSVOA_D
ClientSampleId :
PHASE-3-SOIL

Tgt Ion:117 Resp: 1278740
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.2
119 32.4 26.0 39.0

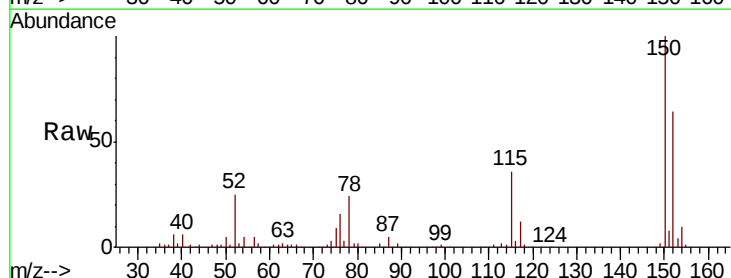


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

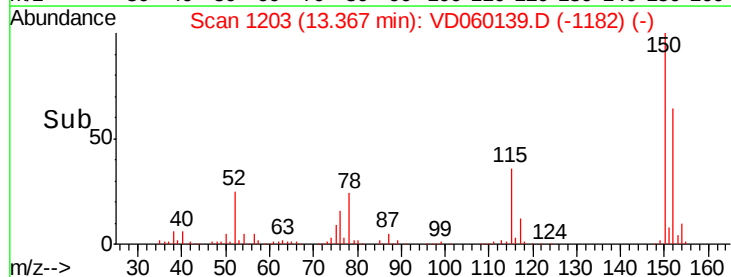
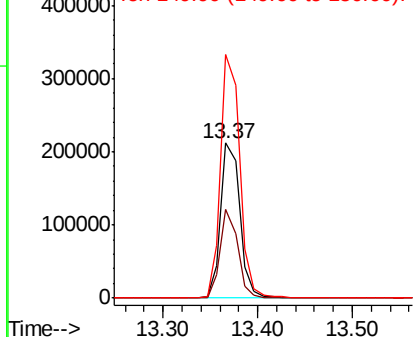


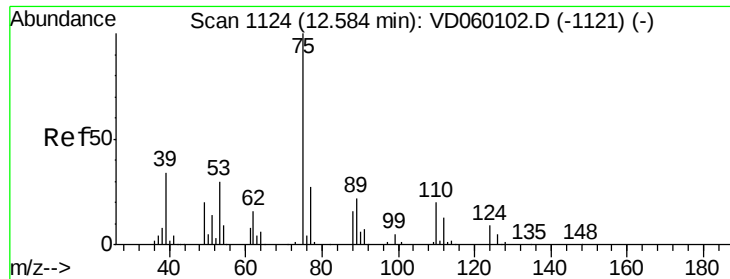
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1203
Delta R.T. 0.01 min
Lab File: VD060139.D
Acq: 5 Oct 2018 16:10

Tgt Ion:152 Resp: 298711
Ion Ratio Lower Upper
152 100
115 57.0 27.1 81.2
150 156.9 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

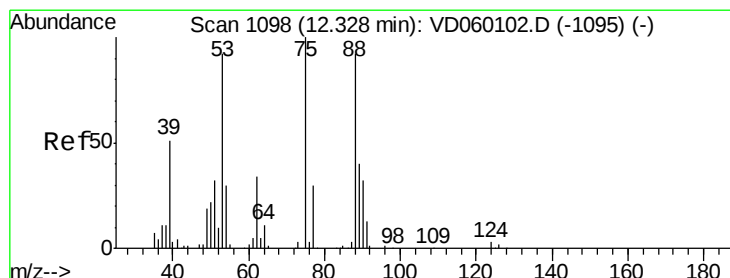
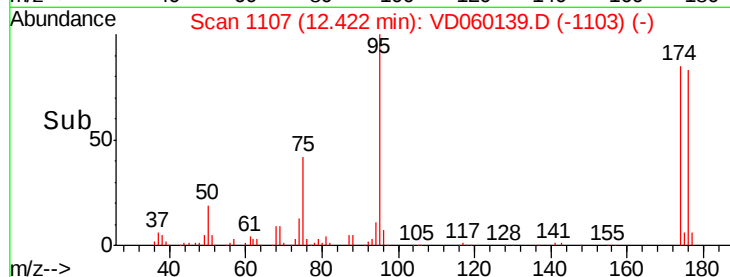
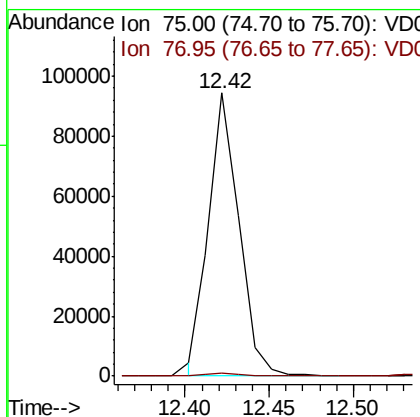
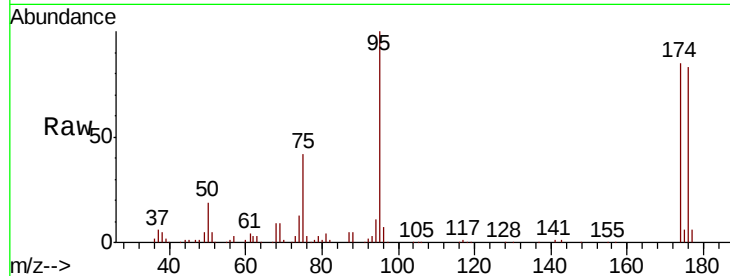




#76
 1,2,3-Trichloropropane
 Concen: 27.620 ug/l
 RT: 12.42 min Scan# 1107
 Delta R.T. -0.16 min
 Lab File: VD060139.D
 Acq: 5 Oct 2018 16:10

Instrument :
 MSVOA_D
 ClientSampleId :
 PHASE-3-SOIL

Tgt Ion: 75 Resp: 118814
 Ion Ratio Lower Upper
 75 100
 77 1.1 16.3 48.9#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.506 ug/l
 RT: 12.42 min Scan# 1107
 Delta R.T. 0.09 min
 Lab File: VD060139.D
 Acq: 5 Oct 2018 16:10

Tgt Ion: 75 Resp: 121487
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.0 109.6#
 89 0.0 32.0 48.0#

