

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070119\
 Data File : VW011095.D
 Acq On : 01 Jul 2019 19:48
 Operator : SY/VA
 Sample : K3629-01
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NB-SOIL-PILE

Quant Time: Jul 02 08:37:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	196364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	333867	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	291947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	128455	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	139425	54.31	ug/l	0.00
Spiked Amount						
			Recovery	=	108.62%	
35) Dibromofluoromethane	7.88	113	101798	49.93	ug/l	0.00
Spiked Amount						
			Recovery	=	99.86%	
50) Toluene-d8	10.32	98	421439	50.22	ug/l	0.00
Spiked Amount						
			Recovery	=	100.44%	
62) 4-Bromofluorobenzene	12.62	95	144152	46.96	ug/l	0.00
Spiked Amount						
			Recovery	=	93.92%	

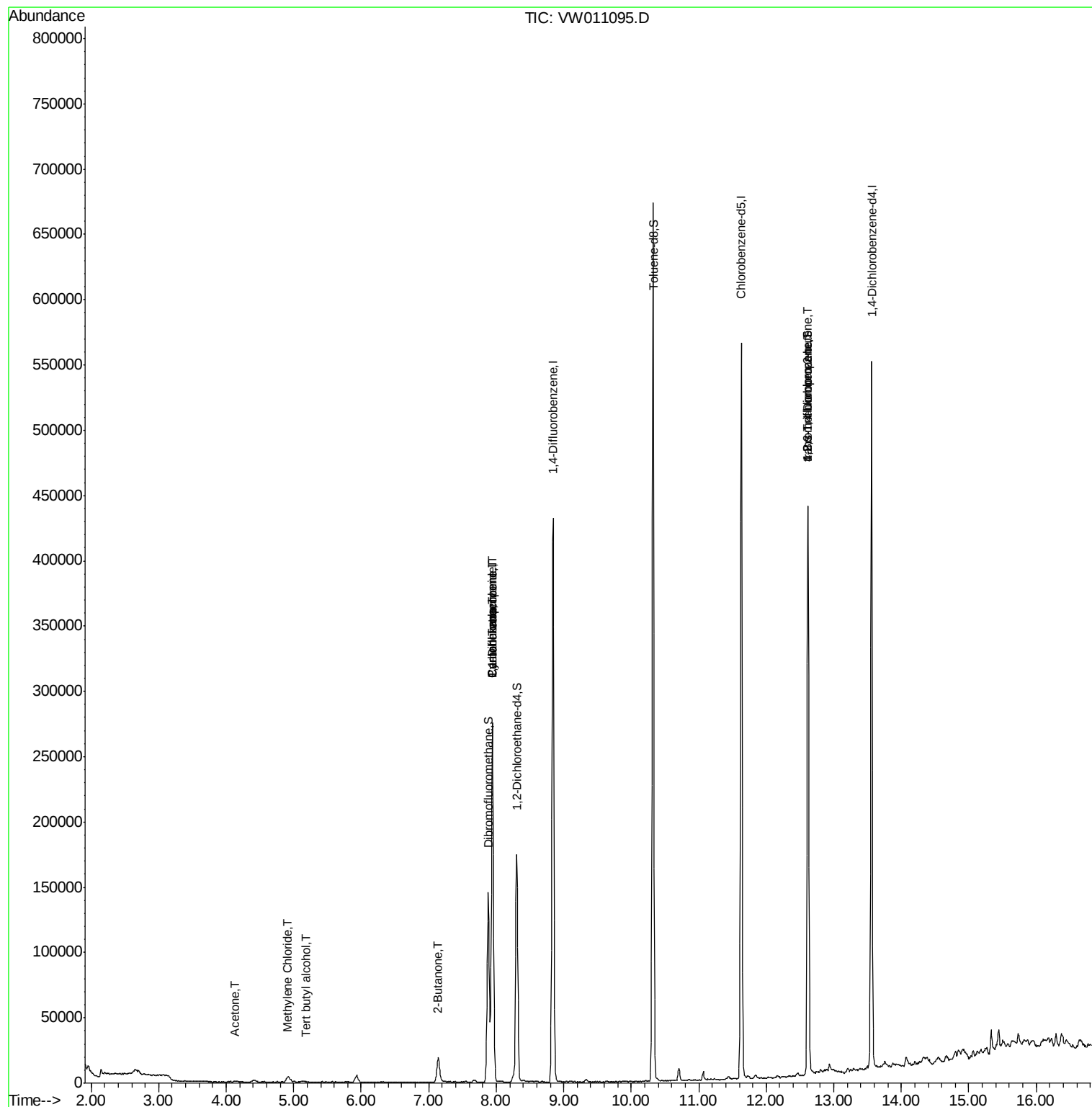
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	289	1.550	ug/l #	71
16) Acetone	4.12	43	721	1.151	ug/l #	47
20) Methylene Chloride	4.91	84	3040	1.194	ug/l #	75
25) 2-Butanone	7.13	43	1564	1.642	ug/l #	54
31) Cyclohexane	7.94	56	5633	1.147	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17432	4.858	ug/l #	52
38) Carbon Tetrachloride	7.95	117	20206	6.837	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	78987	58.244	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	78987	117.861	ug/l #	3

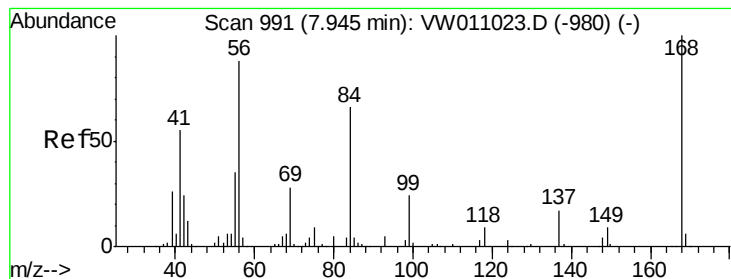
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 02 08:37:50 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 01:55:46 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011095.D

Acq: 01 Jul 2019 19:48

Instrument :

MSVOA_W

ClientSampleId :

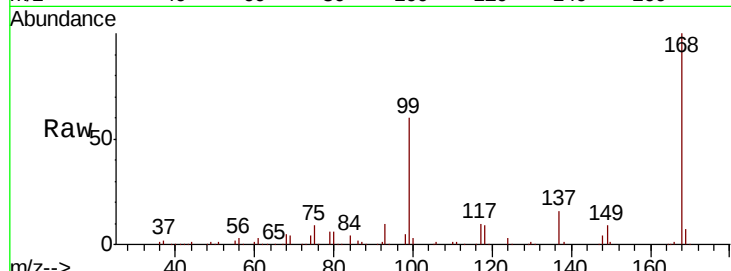
NB-SOIL-PILE

Tot Ion:168 Resp: 196364

Ion Ratio Lower Upper

168 100

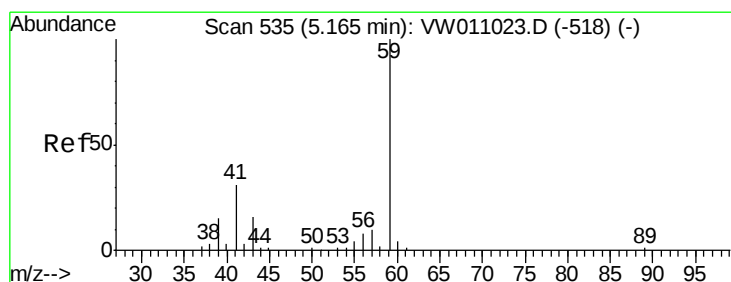
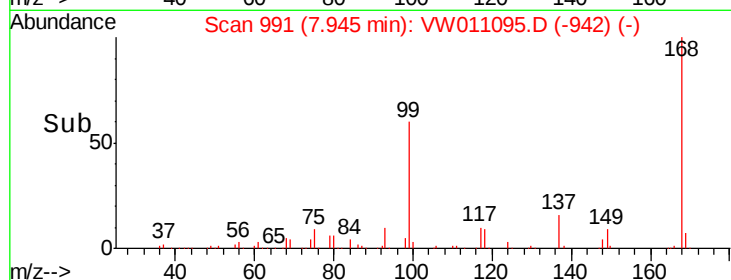
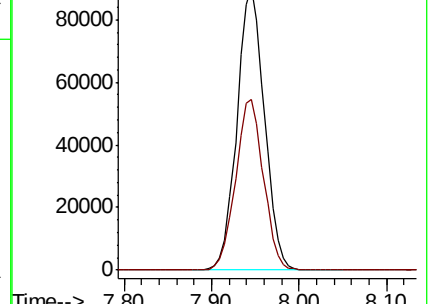
99 60.1 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95



#11

Tert butyl alcohol

Concen: 1.550 ug/l

RT: 5.18 min Scan# 537

Delta R.T. 0.01 min

Lab File: VW011095.D

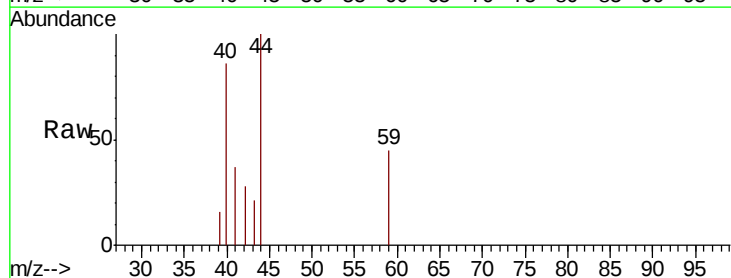
Acq: 01 Jul 2019 19:48

Tgt Ion: 59 Resp: 289

Ion Ratio Lower Upper

59 100

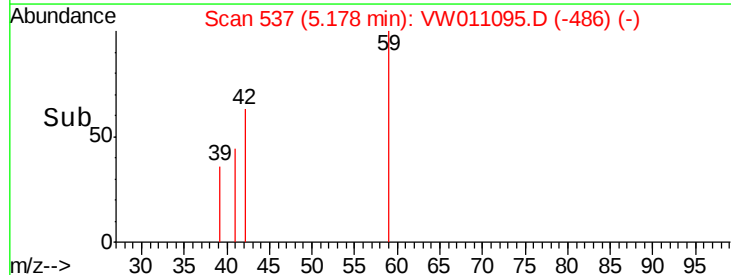
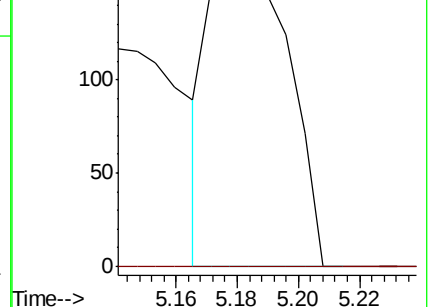
57 0.0 9.0 13.4#

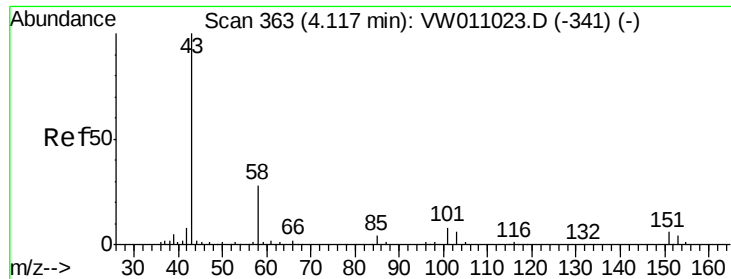


Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18





#16

Acetone

Concen: 1.151 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW011095.D

Acq: 01 Jul 2019 19:48

Instrument :

MSVOA_W

ClientSampleId :

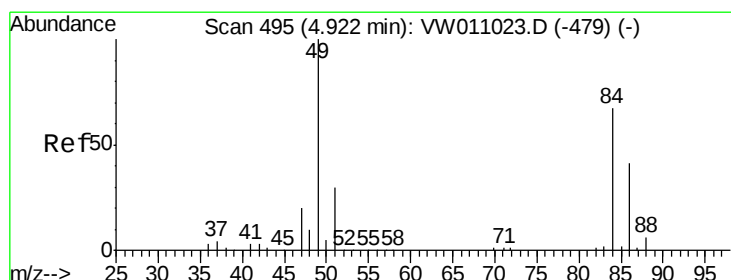
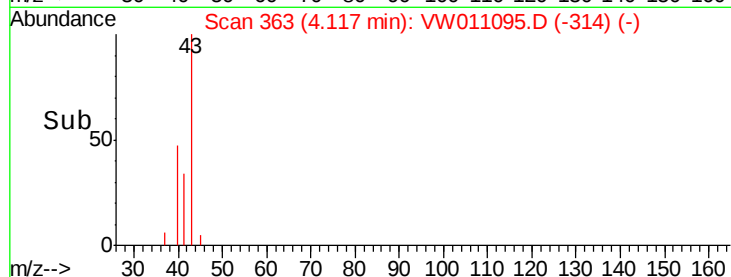
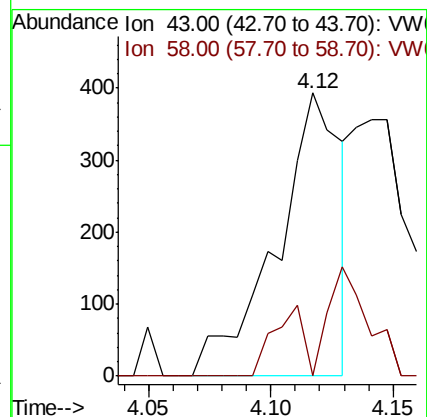
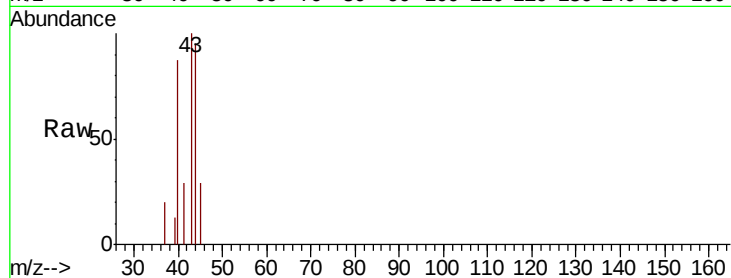
NB-SOIL-PILE

Tot Ion: 43 Resp: 721

Ion Ratio Lower Upper

43 100

58 0.0 22.5 33.7#



#20

Methylene Chloride

Concen: 1.194 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW011095.D

Acq: 01 Jul 2019 19:48

Tgt Ion: 84 Resp: 3040

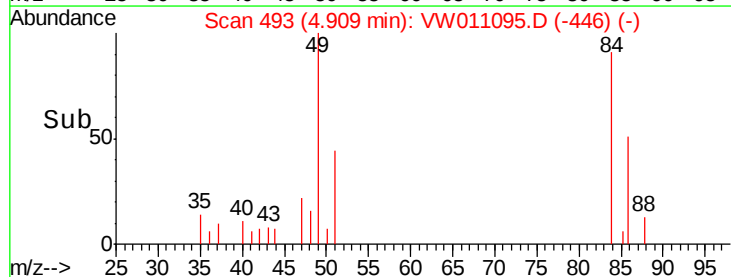
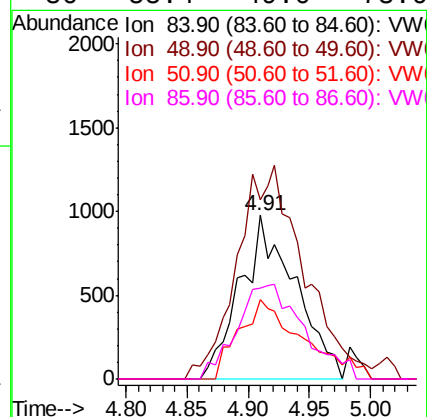
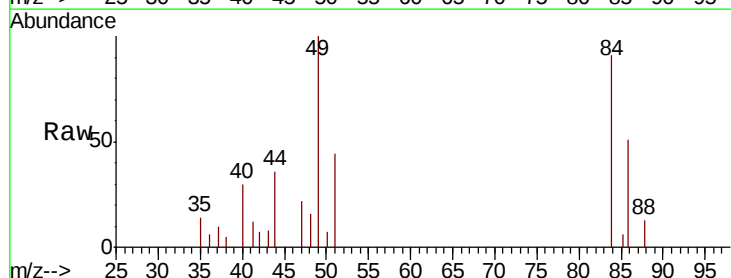
Ion Ratio Lower Upper

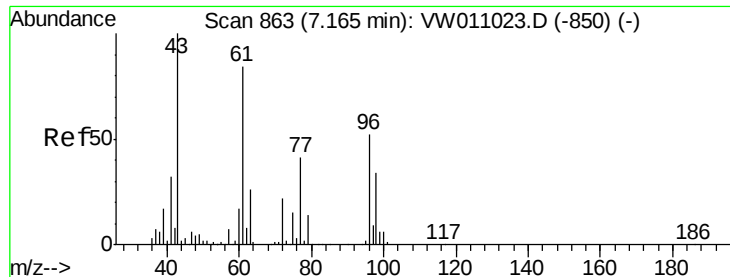
84 100

49 101.1 119.6 179.4#

51 48.6 35.6 53.4

86 55.4 49.0 73.6





#25

2-Butanone

Concen: 1.642 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

Lab File: VW011095.D

Acq: 01 Jul 2019 19:48

Instrument :

MSVOA_W

ClientSampleId :

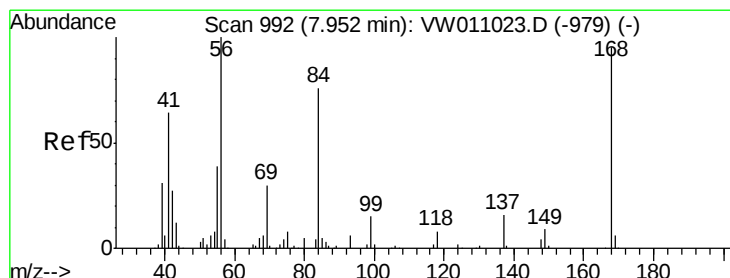
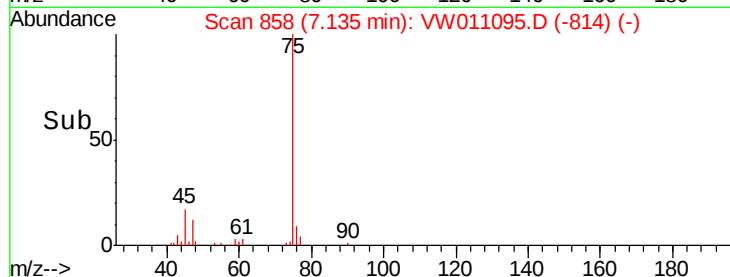
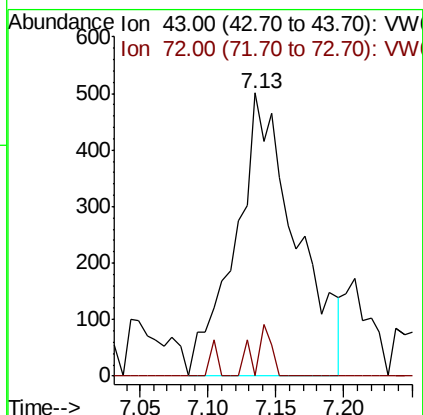
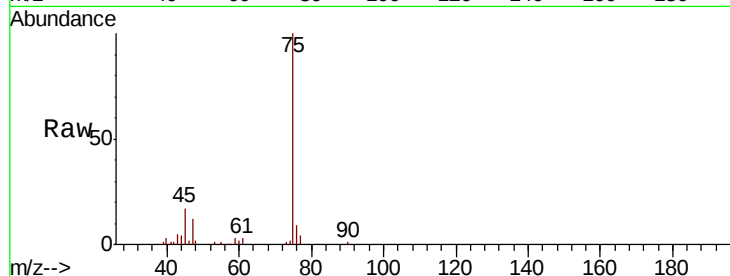
NB-SOIL-PILE

Tot Ion: 43 Resp: 1564

Ion Ratio Lower Upper

43 100

72 0.0 17.2 25.8#



#31

Cyclohexane

Concen: 1.147 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW011095.D

Acq: 01 Jul 2019 19:48

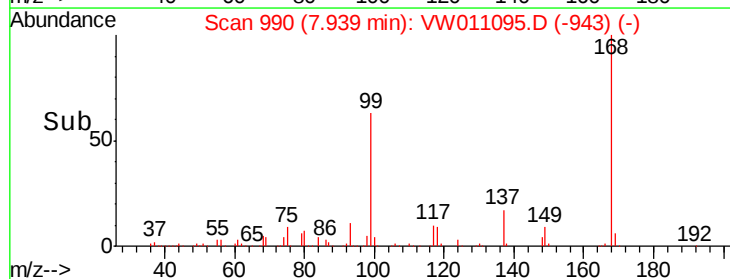
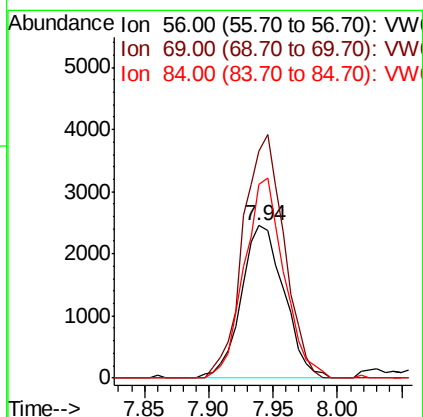
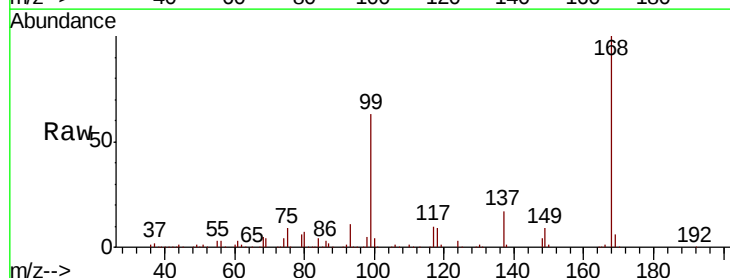
Tgt Ion: 56 Resp: 5633

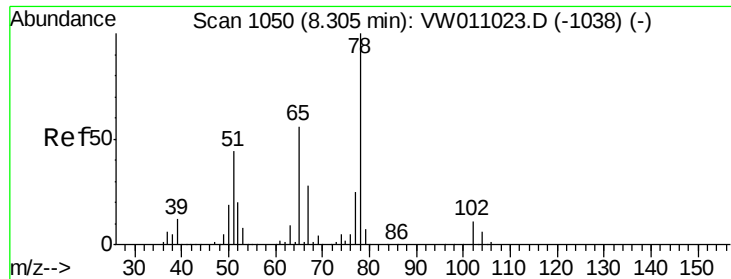
Ion Ratio Lower Upper

56 100

69 149.4 24.2 36.2#

84 127.3 60.6 90.8#

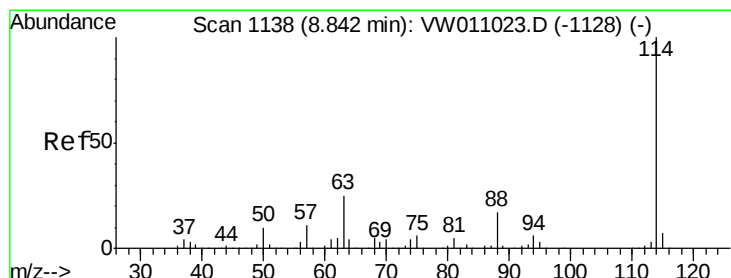
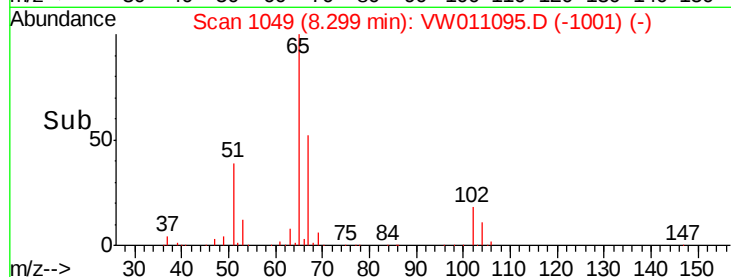
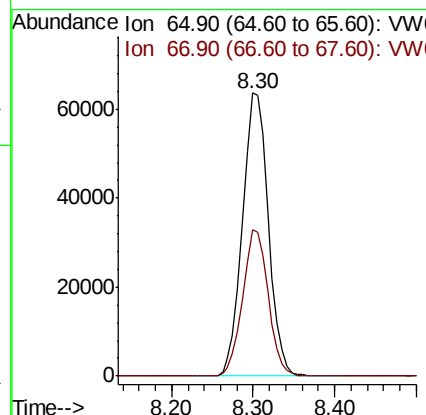
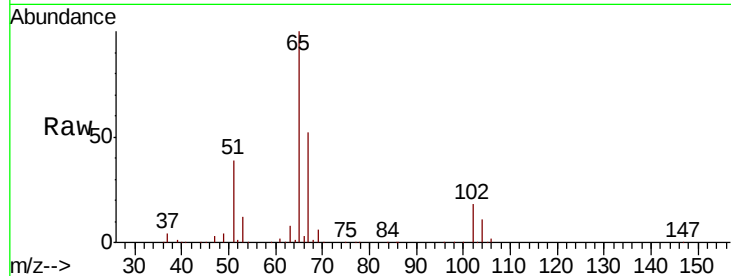




#33
 1,2-Dichloroethane-d4
 Concen: 54.314 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW011095.D
 Acq: 01 Jul 2019 19:48

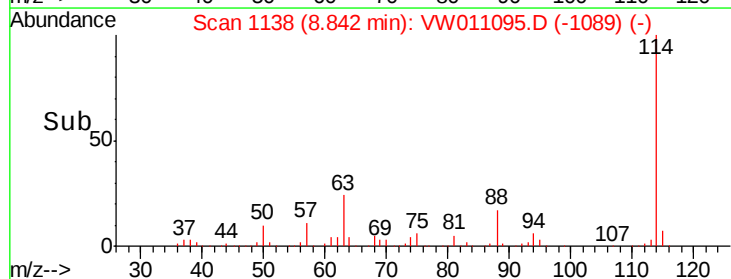
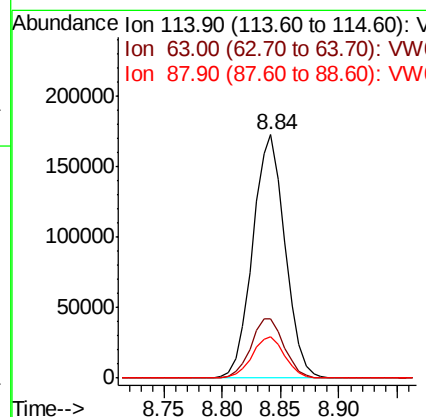
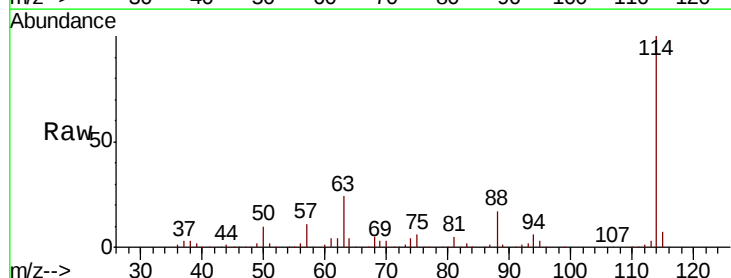
Instrument :
 MSVOA_W
 ClientSampleId :
 NB-SOIL-PILE

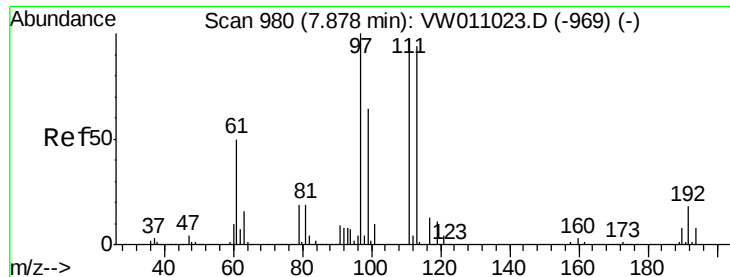
Tot Ion: 65 Resp: 139425
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011095.D
 Acq: 01 Jul 2019 19:48

Tgt Ion: 114 Resp: 333867
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 50.6
 88 16.9 0.0 34.0

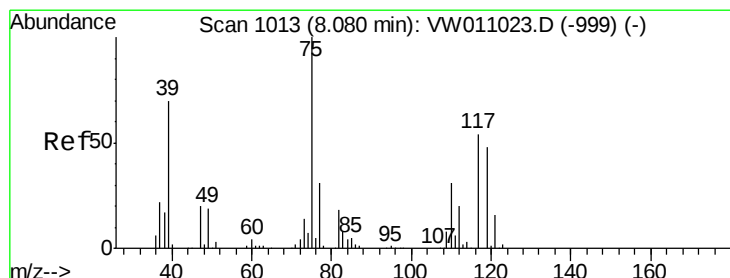
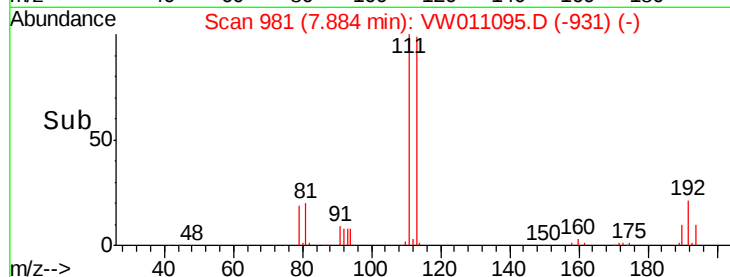
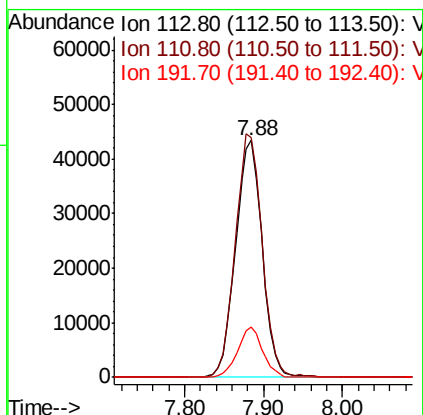
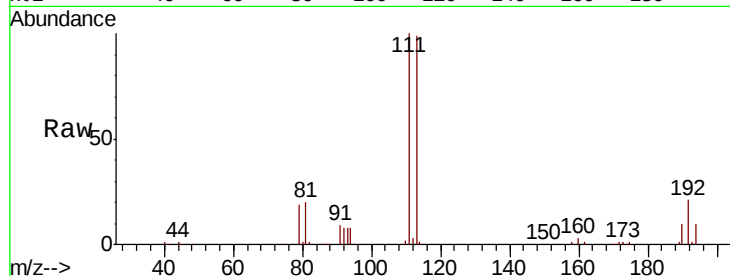




#35
 Dibromofluoromethane
 Concen: 49.932 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW011095.D
 Acq: 01 Jul 2019 19:48

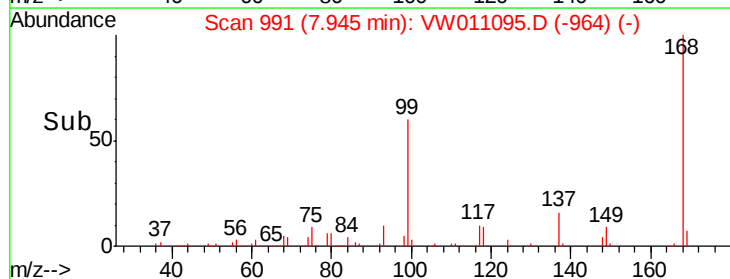
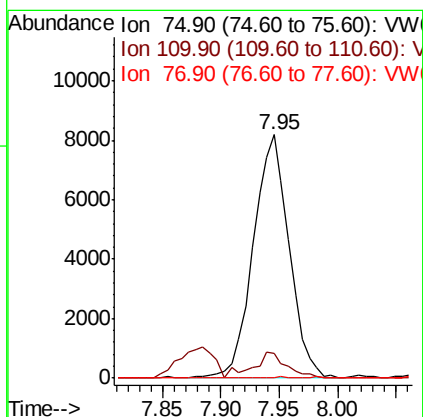
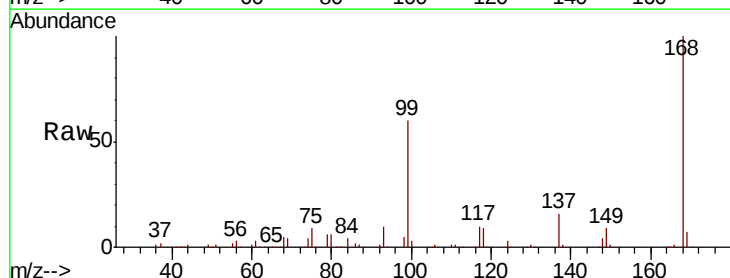
Instrument :
 MSVOA_W
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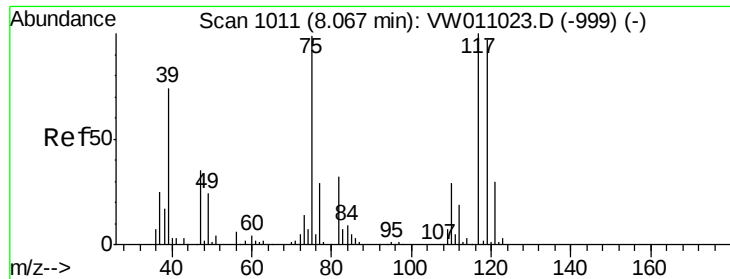
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.8	125.6
192	19.9	16.0	24.0



#36
 1,1-Dichloropropene
 Concen: 4.858 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011095.D
 Acq: 01 Jul 2019 19:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.9	15.5	46.5#
77	0.1	24.9	37.3#

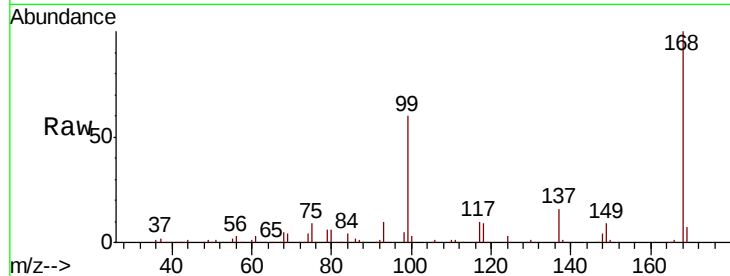




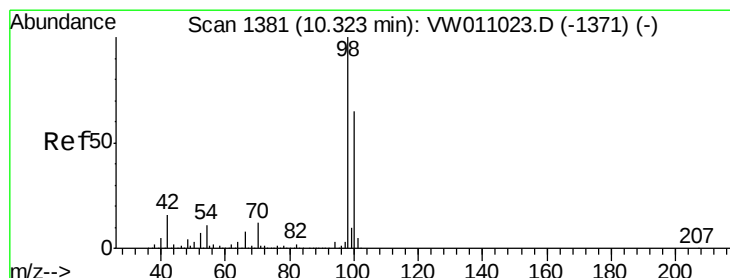
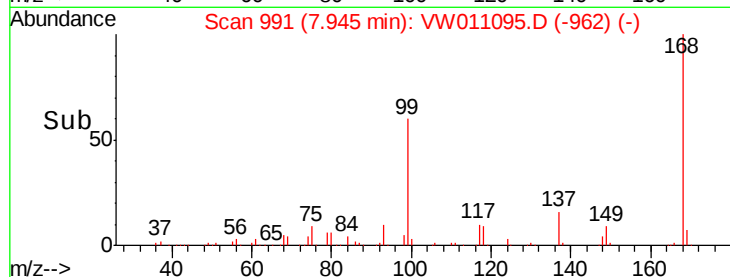
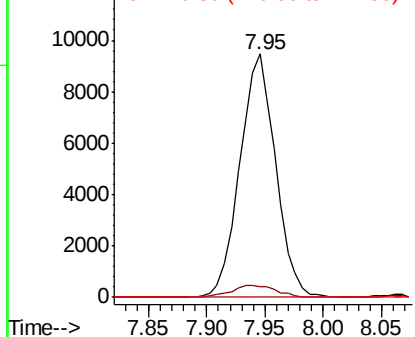
#38
Carbon Tetrachloride
Concen: 6.837 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW011095.D
Acq: 01 Jul 2019 19:48

Instrument :
MSVOA_W
ClientSampleId :
NB-SOIL-PILE

Tot Ion:117 Resp: 20206
Ion Ratio Lower Upper
117 100
119 4.6 77.7 116.5#
121 0.0 23.9 35.9#

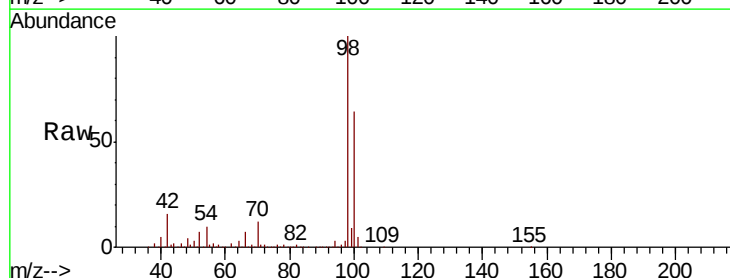


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

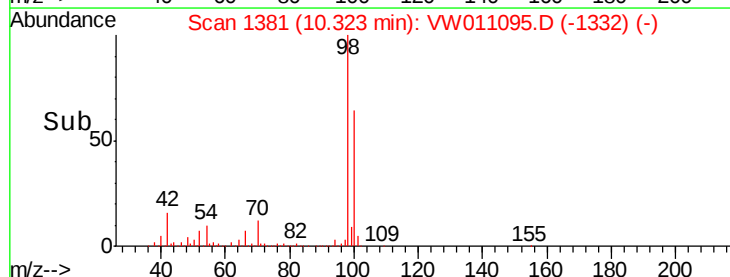
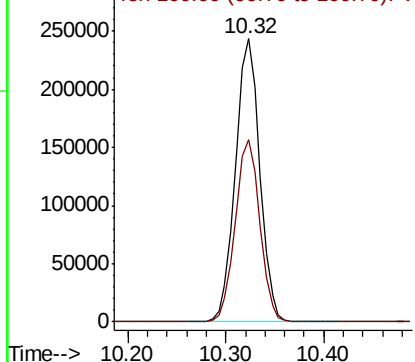


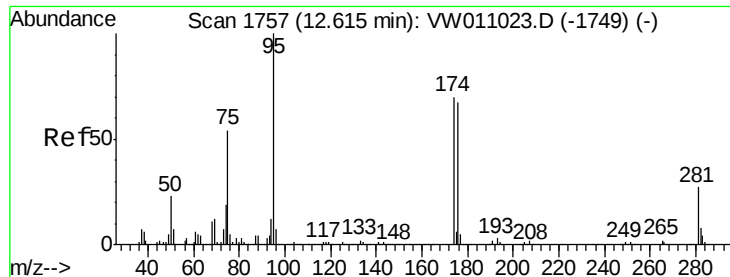
#50
Toluene-d8
Concen: 50.219 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011095.D
Acq: 01 Jul 2019 19:48

Tgt Ion: 98 Resp: 421439
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

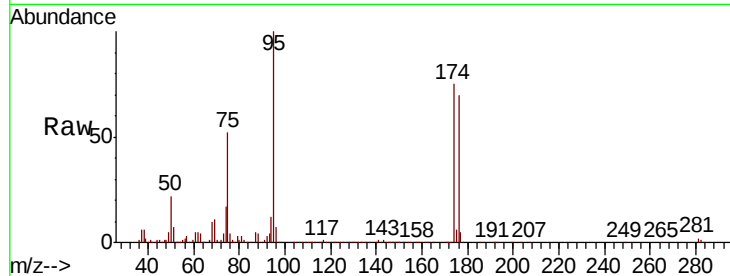




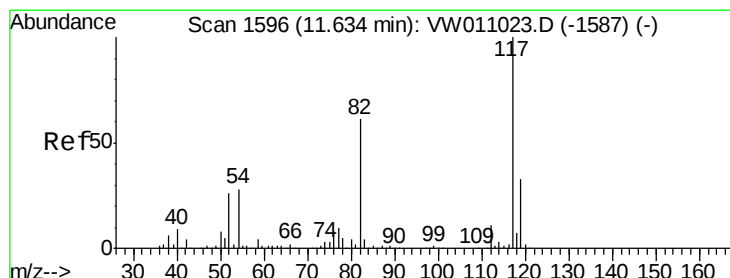
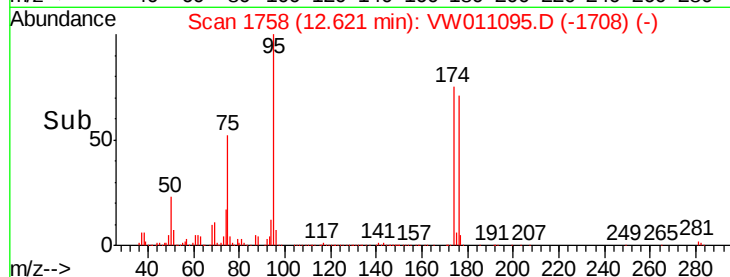
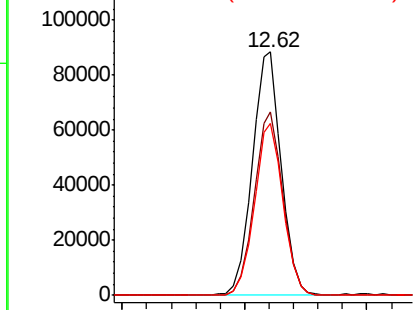
#62
4-Bromofluorobenzene
Concen: 46.965 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW011095.D
Acq: 01 Jul 2019 19:48

Instrument :
MSVOA_W
ClientSampleId :
NB-SOIL-PILE

Tot Ion: 95 Resp: 144152
Ion Ratio Lower Upper
95 100
174 74.6 0.0 149.2
176 70.4 0.0 143.6

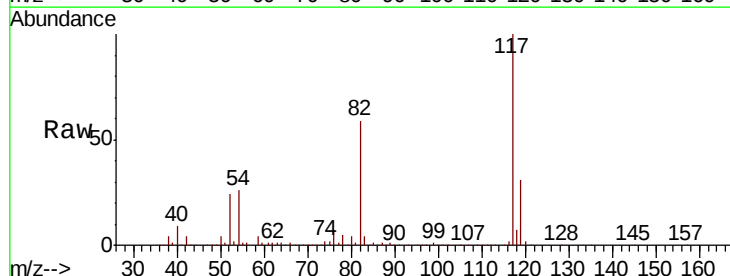


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

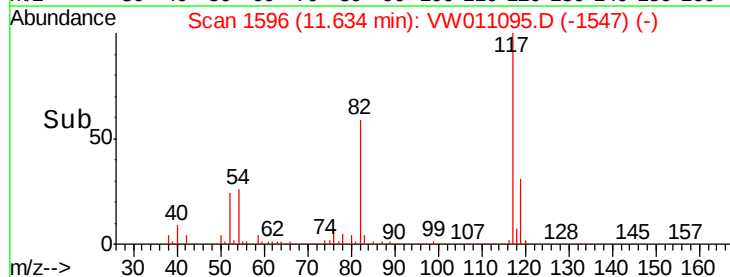
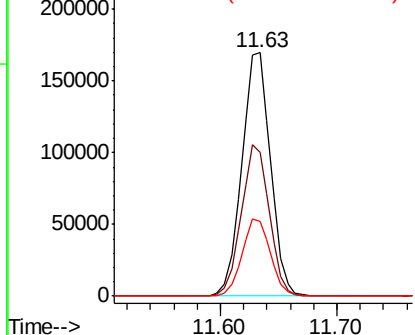


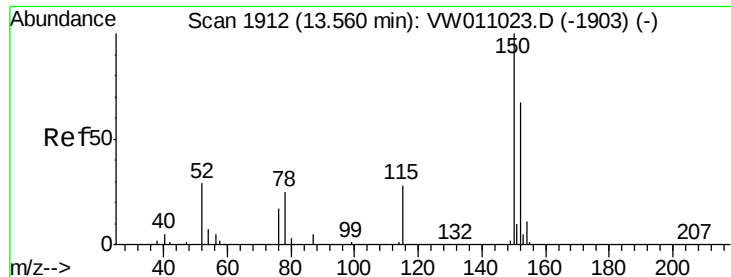
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW011095.D
Acq: 01 Jul 2019 19:48

Tgt Ion: 117 Resp: 291947
Ion Ratio Lower Upper
117 100
82 59.0 48.6 73.0
119 30.8 26.1 39.1



Abundance Ion 116.90 (116.60 to 117.60): VW
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011095.D

Acq: 01 Jul 2019 19:48

Instrument :

MSVOA_W

ClientSampleId :

NB-SOIL-PILE

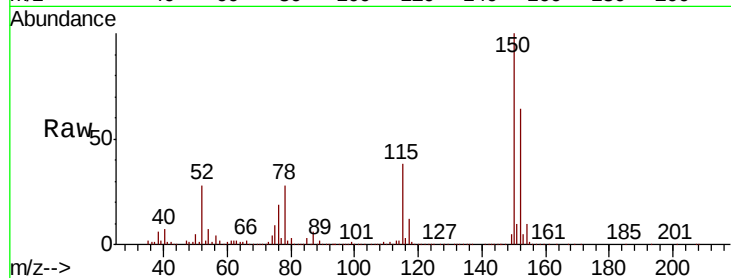
Tot Ion:152 Resp: 128455

Ion Ratio Lower Upper

152 100

115 60.2 30.7 92.1

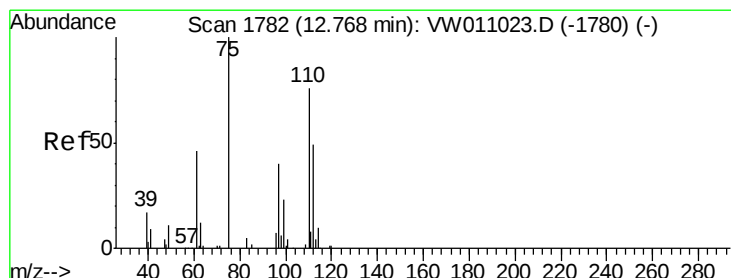
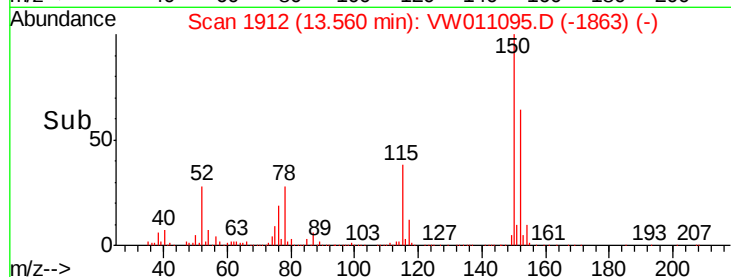
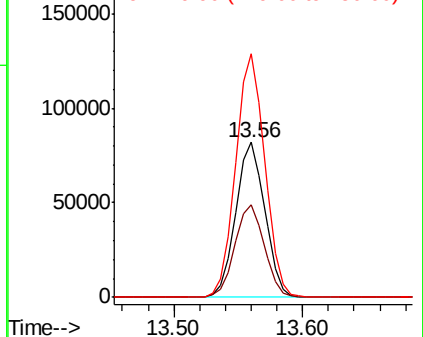
150 157.2 0.0 341.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 58.244 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011095.D

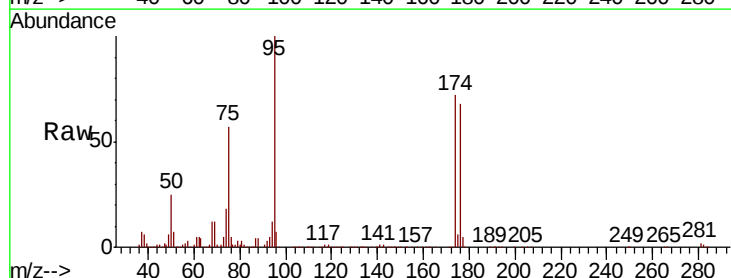
Acq: 01 Jul 2019 19:48

Tgt Ion: 75 Resp: 78987

Ion Ratio Lower Upper

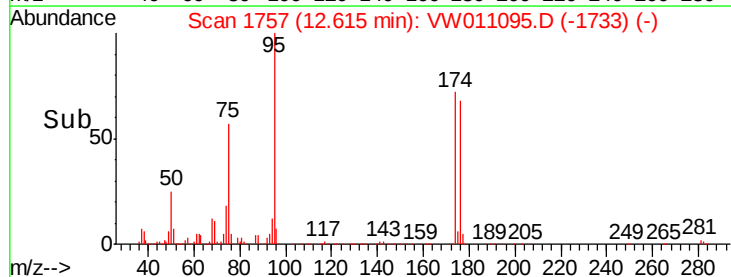
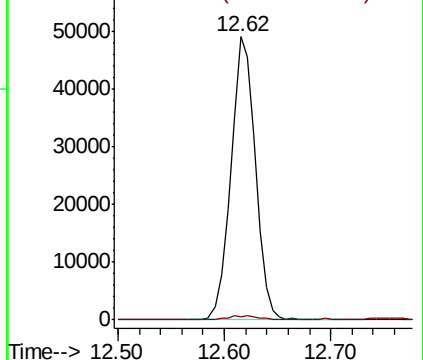
75 100

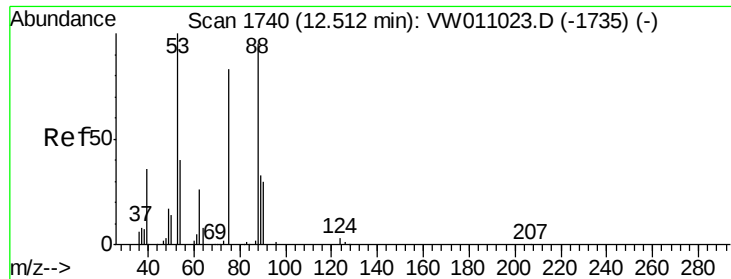
77 1.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 117.861 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011095.D

Acq: 01 Jul 2019 19:48

Instrument :

MSVOA_W

ClientSampleId :

NB-SOIL-PILE

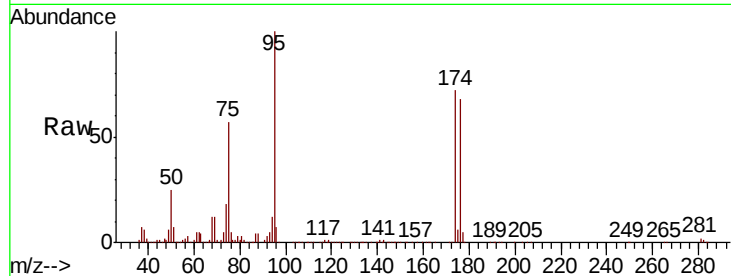
Tot Ion: 75 Resp: 78987

Ion Ratio Lower Upper

75 100

53 0.2 95.6 143.4#

89 0.0 34.4 51.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

