

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081218\
 Data File : VW004577.D
 Acq On : 10 Aug 2018 03:17
 Operator : SY/AP
 Sample : J4405-01
 Misc : 6.41G/5ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EXCAVATION-SOIL

Quant Time: Aug 10 03:53:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	683428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1193270	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1101625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	496311	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	409696	54.15	ug/l	0.00
Spiked Amount			Recovery	=	108.30%	
35) Dibromofluoromethane	7.89	113	391501	49.21	ug/l	0.00
Spiked Amount			Recovery	=	98.42%	
50) Toluene-d8	10.33	98	1397228	46.06	ug/l	0.00
Spiked Amount			Recovery	=	92.12%	
62) 4-Bromofluorobenzene	12.63	95	453481	41.50	ug/l	0.00
Spiked Amount			Recovery	=	83.00%	

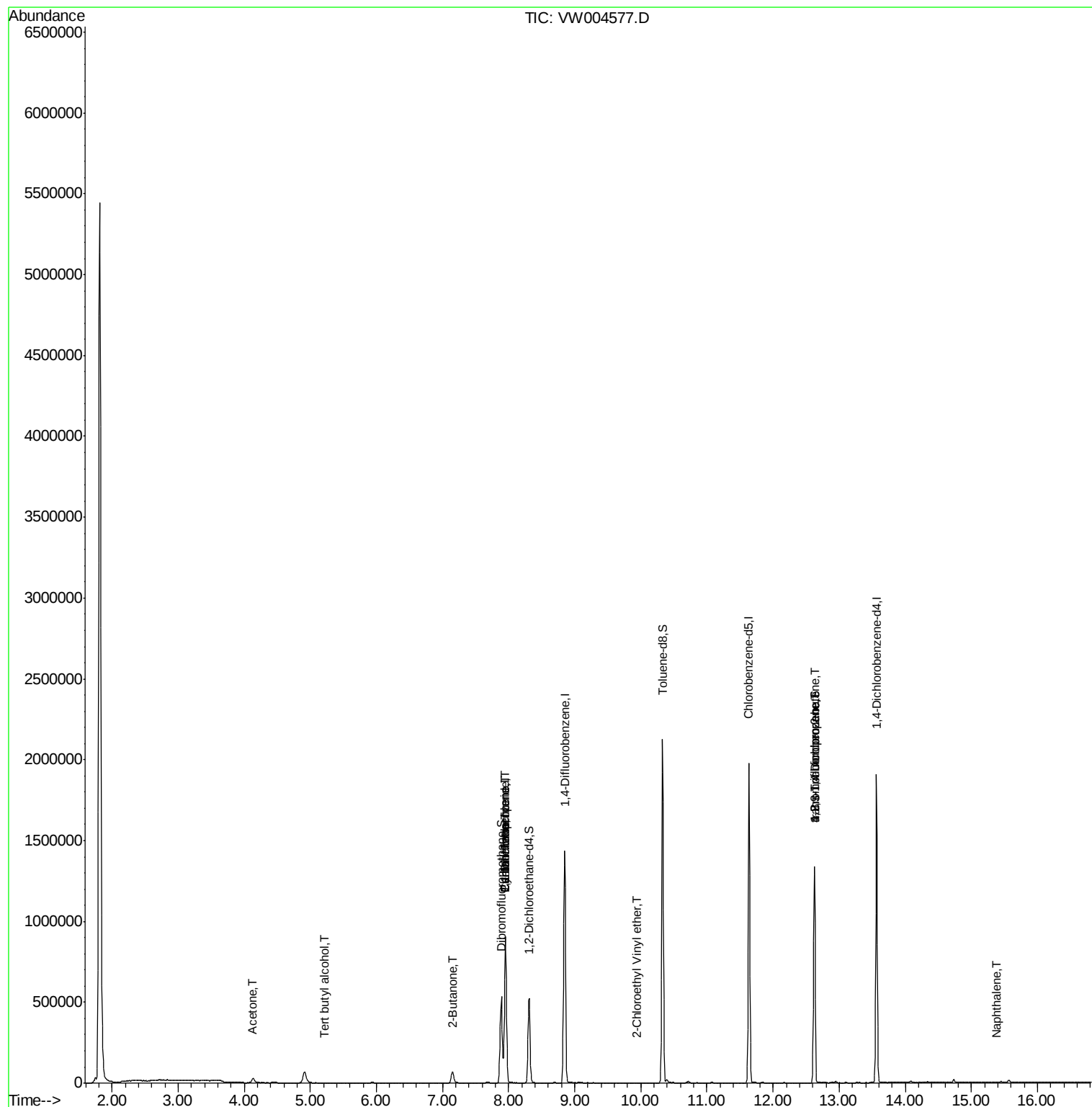
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	779	1.759	ug/l #	70
16) Acetone	4.13	43	46798	24.770	ug/l	96
20) Methylene Chloride	4.92	84	59876	Below Cal		95
25) 2-Butanone	7.16	43	5622	1.850	ug/l #	63
31) Cyclohexane	7.95	56	14173	1.000	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	52932	4.120	ug/l #	49
38) Carbon Tetrachloride	7.95	117	65604	5.674	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.94	63	221	8.993	ug/l	91
76) 1,2,3-Trichloropropane	12.62	75	219596	42.759	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	219596	102.358	ug/l #	12
95) Naphthalene	15.38	128	996	2.957	ug/l #	82

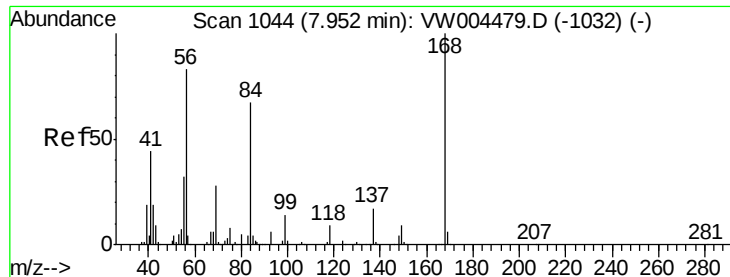
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081218\
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EXCAVATION-SOIL

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Quant Title : SW846 8260
QLast Update : Tue Aug 07 08:22:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004577.D

Acq: 10 Aug 2018 03:17

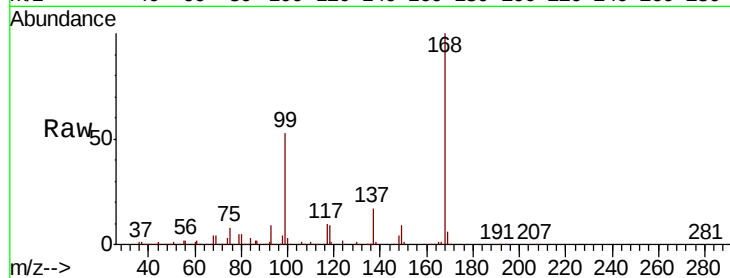
Instrument :
MSVOA_W
ClientSampleId :
EXCAVATION-SOIL

Tgt Ion:168 Resp: 683428

Ion Ratio Lower Upper

168 100

99 53.5 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

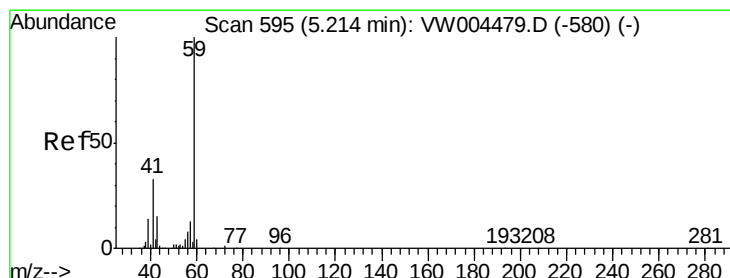
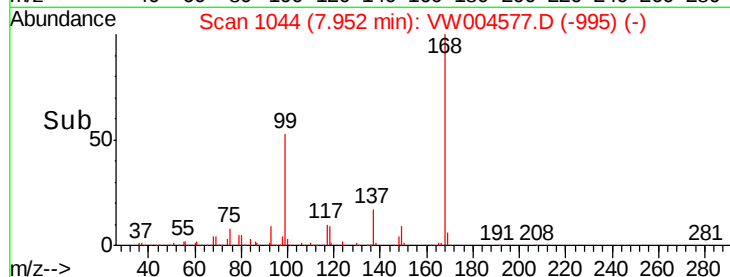
300000

200000

100000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 1.759 ug/l

RT: 5.20 min Scan# 593

Delta R.T. -0.01 min

Lab File: VW004577.D

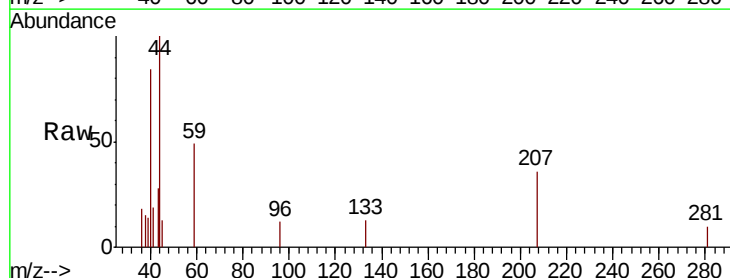
Acq: 10 Aug 2018 03:17

Tgt Ion: 59 Resp: 779

Ion Ratio Lower Upper

59 100

57 0.0 9.1 13.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.20

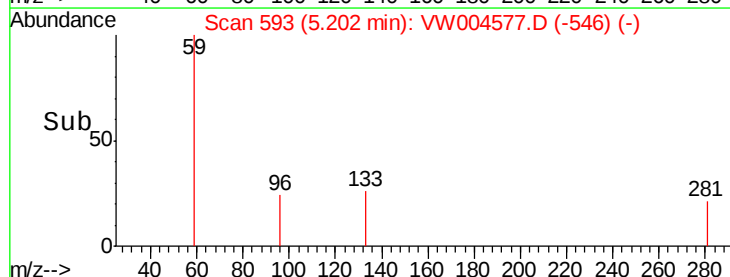
300

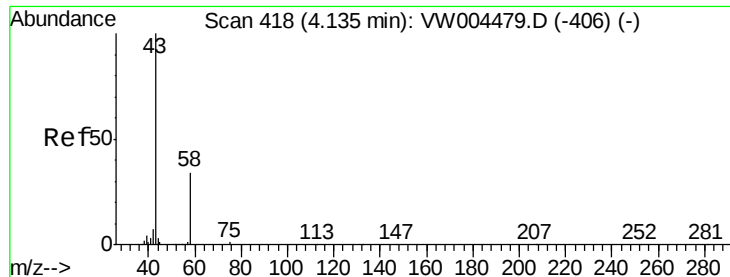
200

100

0

Time--> 5.15 5.20 5.25 5.30





#16

Acetone

Concen: 24.770 ug/l

RT: 4.13 min Scan# 417

Delta R.T. -0.01 min

Lab File: VW004577.D

Acq: 10 Aug 2018 03:17

Instrument :

MSVOA_W

ClientSampleId :

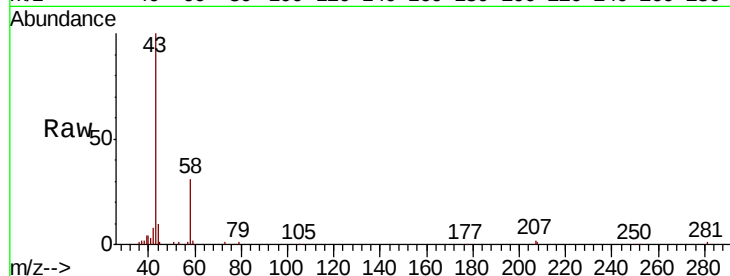
EXCAVATION-SOIL

Tgt Ion: 43 Resp: 46798

Ion Ratio Lower Upper

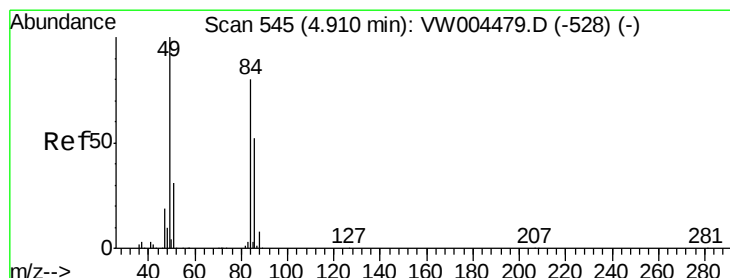
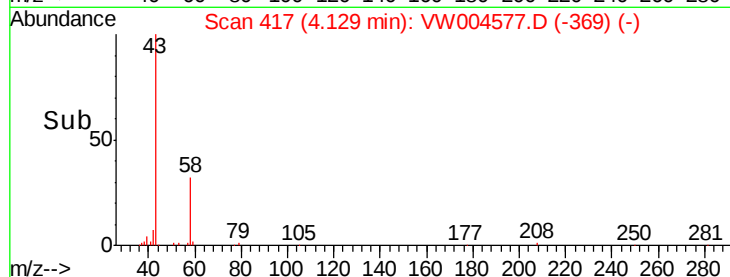
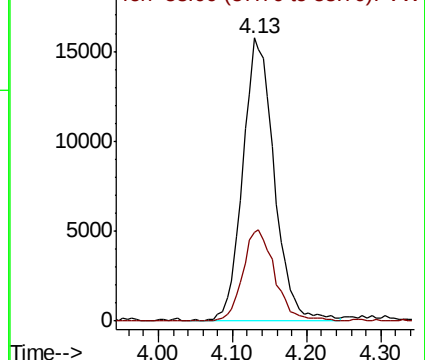
43 100

58 31.4 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW004577.D

Acq: 10 Aug 2018 03:17

Tgt Ion: 84 Resp: 59876

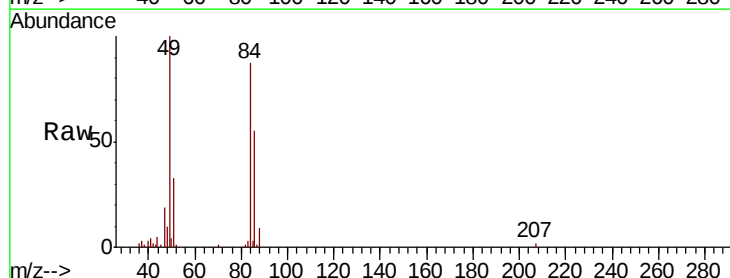
Ion Ratio Lower Upper

84 100

49 115.0 99.6 149.4

51 37.6 31.0 46.4

86 63.0 51.5 77.3

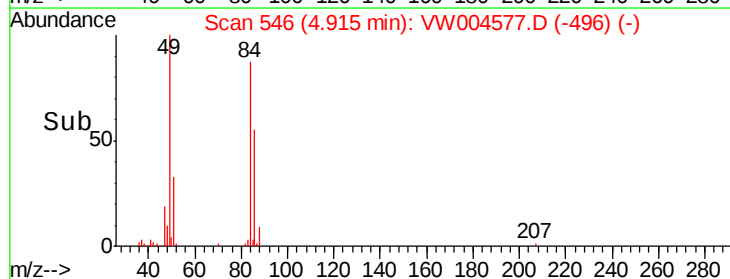
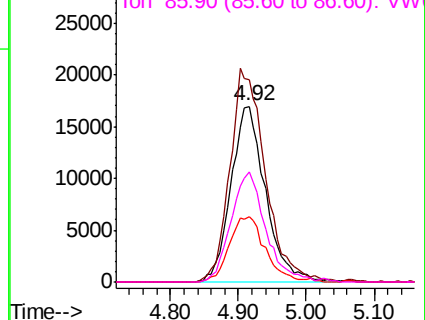


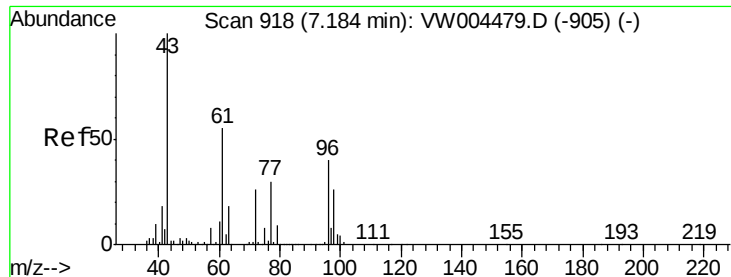
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

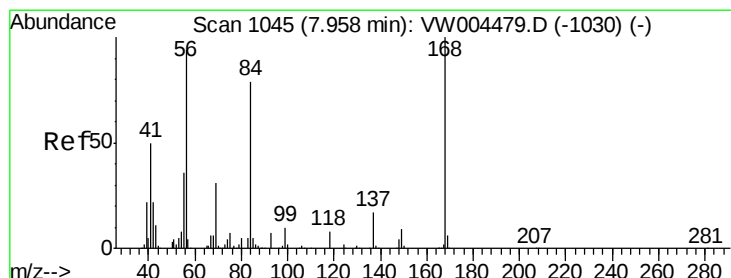
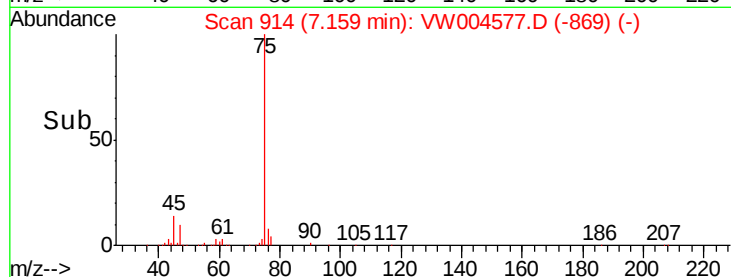
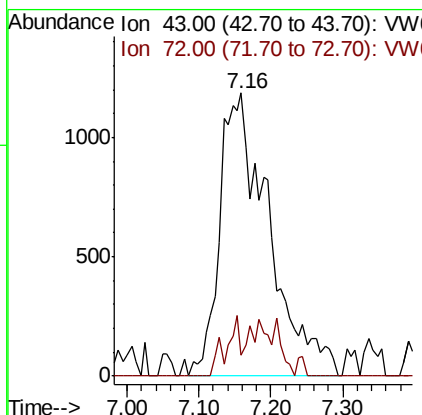
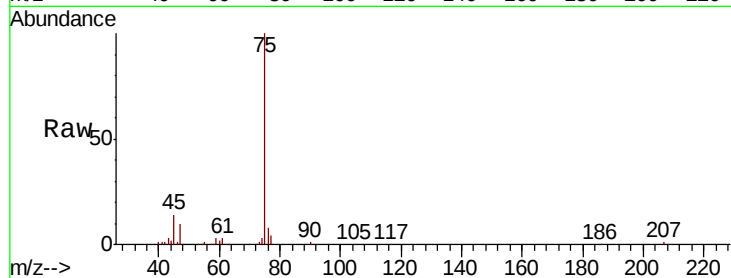




#25
2-Butanone
Concen: 1.850 ug/l
RT: 7.16 min Scan# 914
Delta R.T. -0.02 min
Lab File: VW004577.D
Acq: 10 Aug 2018 03:17

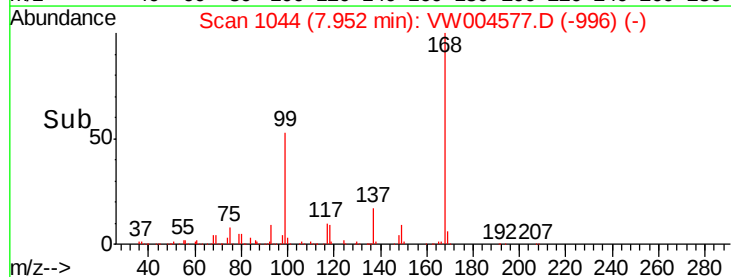
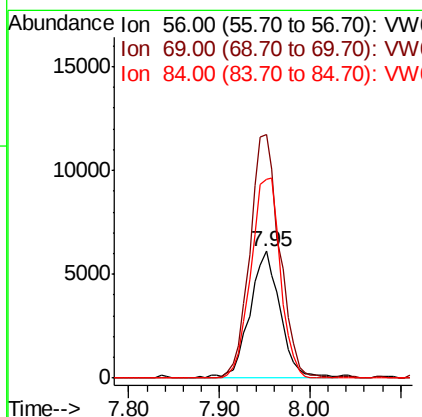
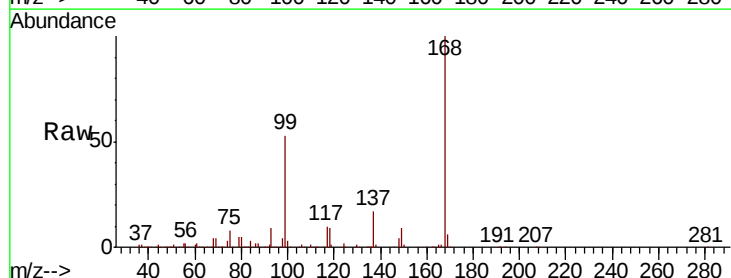
Instrument :
MSVOA_W
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EXCAVATION-SOIL

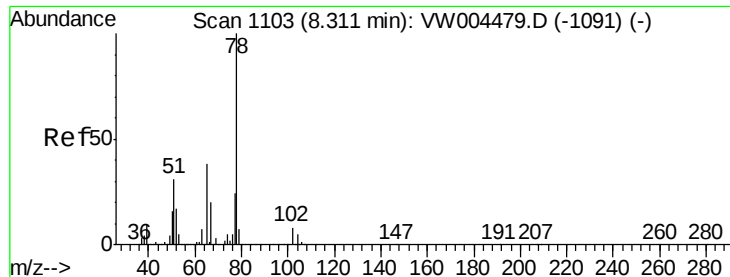
Tgt Ion: 43 Resp: 5622
Ion Ratio Lower Upper
43 100
72 7.3 21.0 31.6#



#31
Cyclohexane
Concen: 1.000 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW004577.D
Acq: 10 Aug 2018 03:17

Tgt Ion: 56 Resp: 14173
Ion Ratio Lower Upper
56 100
69 192.3 26.4 39.6#
84 157.4 66.9 100.3#

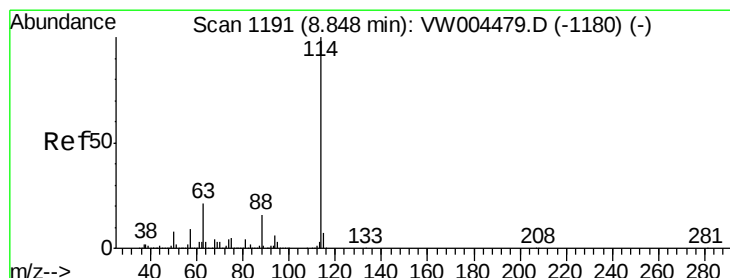
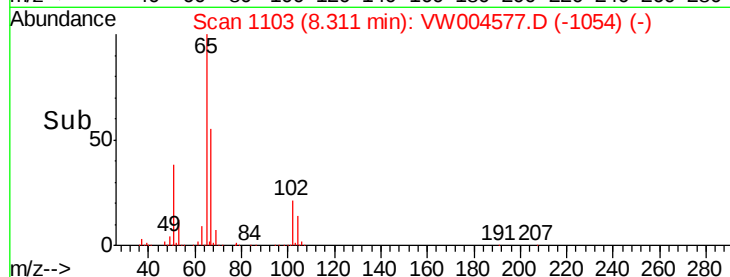
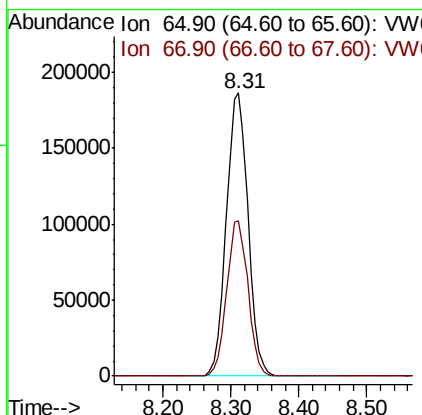
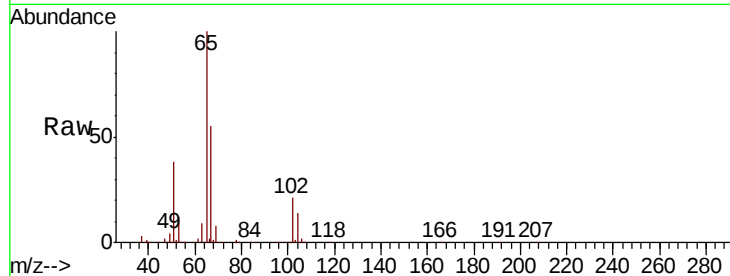




#33
 1,2-Dichloroethane-d4
 Concen: 54.154 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004577.D
 Acq: 10 Aug 2018 03:17

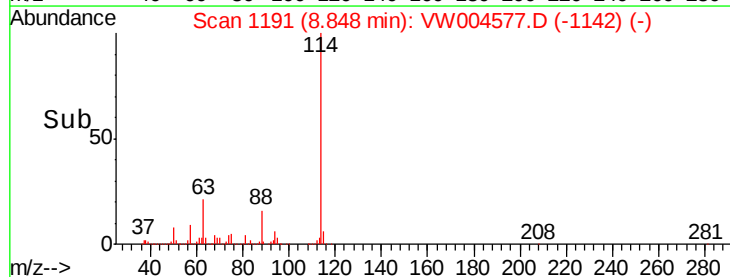
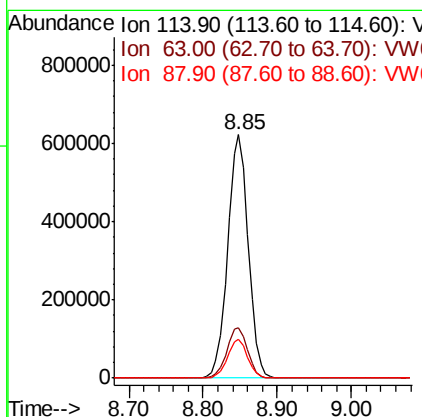
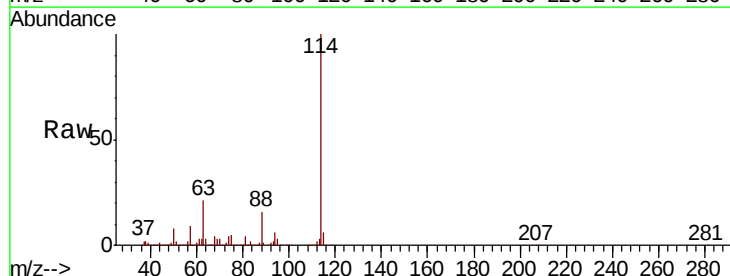
Instrument :
 MSVOA_W
 ClientSampleId :
 EXCAVATION-SOIL

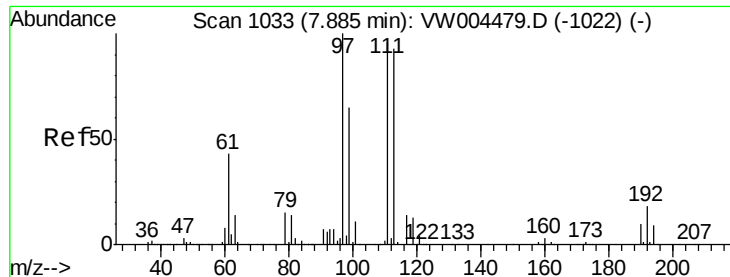
Tgt Ion: 65 Resp: 409696
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004577.D
 Acq: 10 Aug 2018 03:17

Tgt Ion: 114 Resp: 1193270
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.4
 88 15.8 0.0 31.2

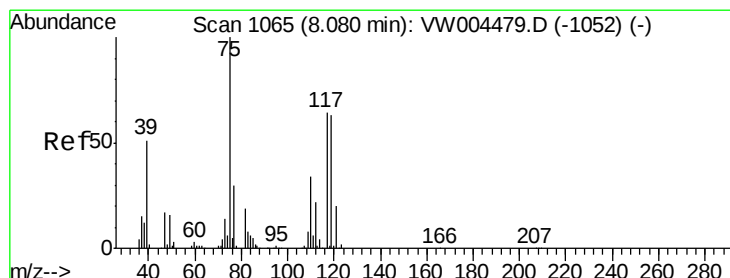
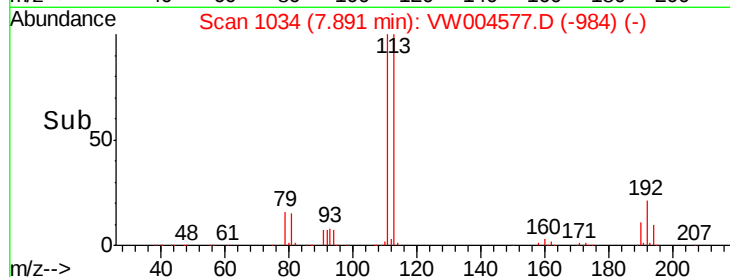
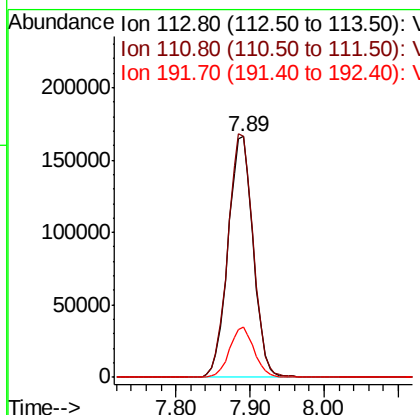
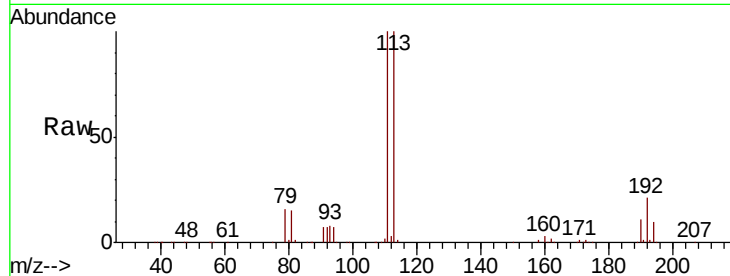




#35
 Dibromofluoromethane
 Concen: 49.206 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004577.D
 Acq: 10 Aug 2018 03:17

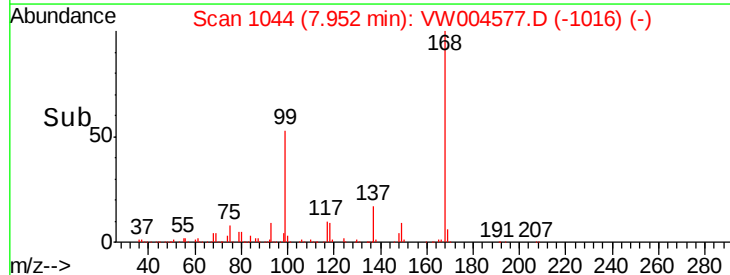
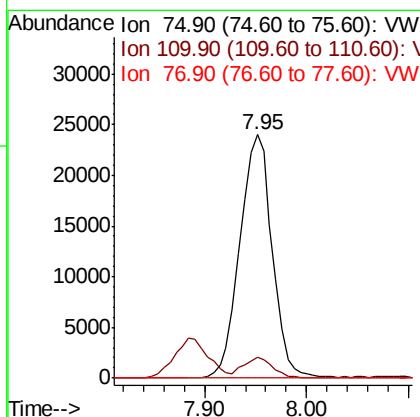
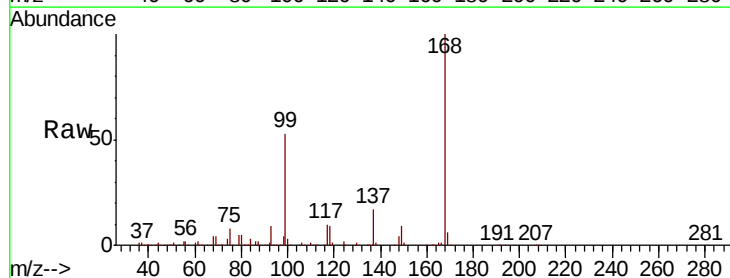
Instrument :
 MSVOA_W
 ClientSampleId :
 EXCAVATION-SOIL

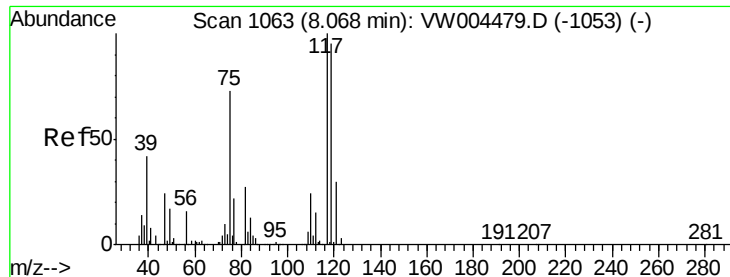
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.9	124.3
192	20.3	15.8	23.6



#36
 1,1-Dichloropropene
 Concen: 4.120 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004577.D
 Acq: 10 Aug 2018 03:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.6	17.4	52.2#
77	0.0	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 5.674 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004577.D

Acq: 10 Aug 2018 03:17

Instrument :

MSVOA_W

ClientSampleId :

EXCAVATION-SOIL

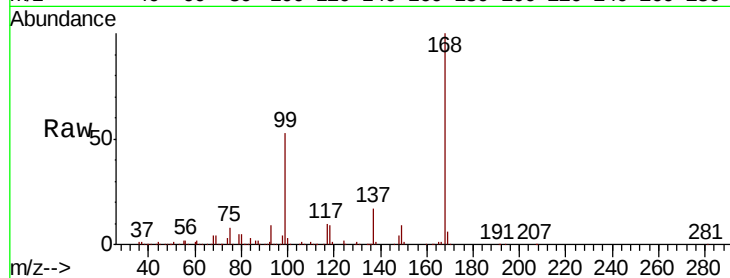
Tgt Ion:117 Resp: 65604

Ion Ratio Lower Upper

117 100

119 5.4 76.1 114.1#

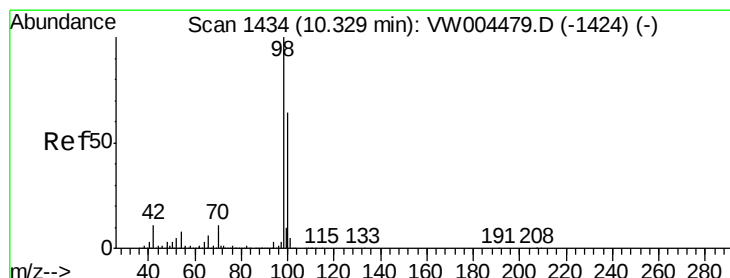
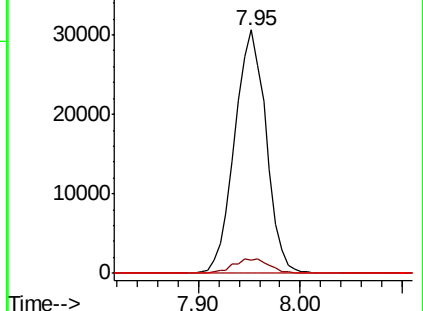
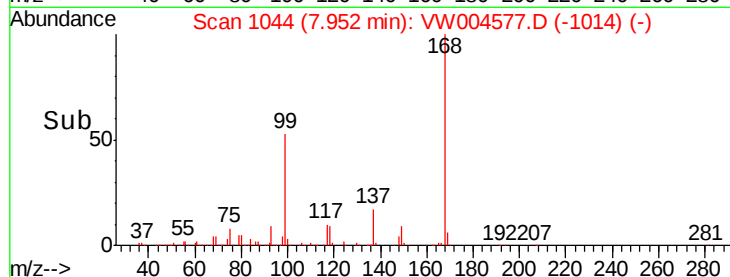
121 0.0 24.2 36.4#



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: 46.064 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004577.D

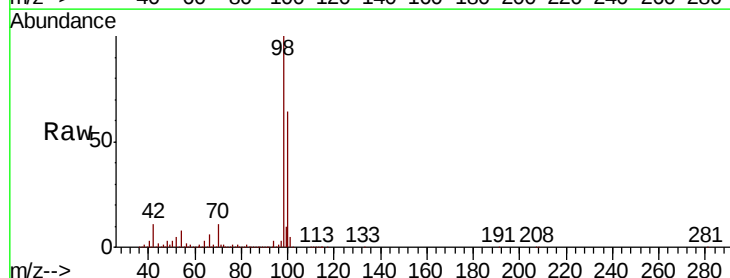
Acq: 10 Aug 2018 03:17

Tgt Ion: 98 Resp: 1397228

Ion Ratio Lower Upper

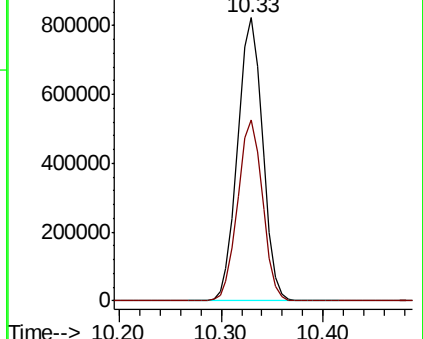
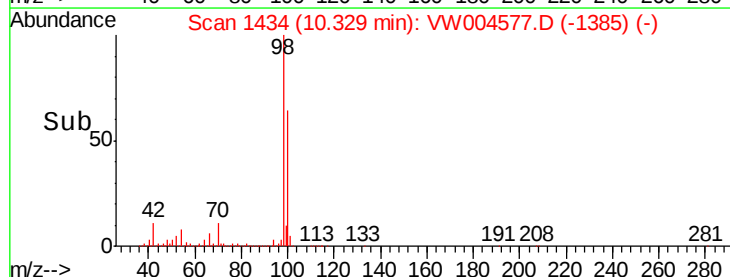
98 100

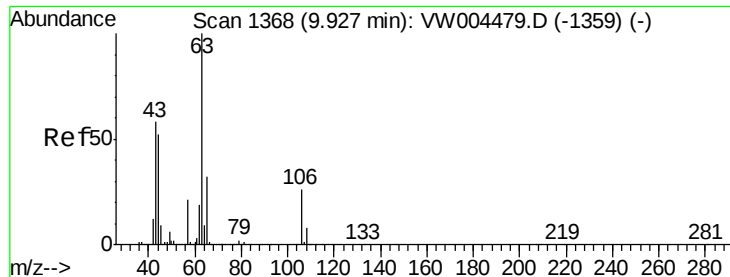
100 63.4 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

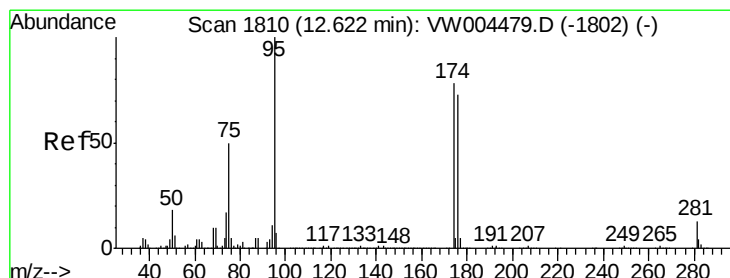
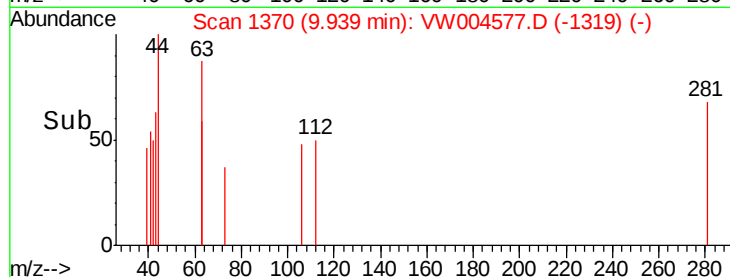
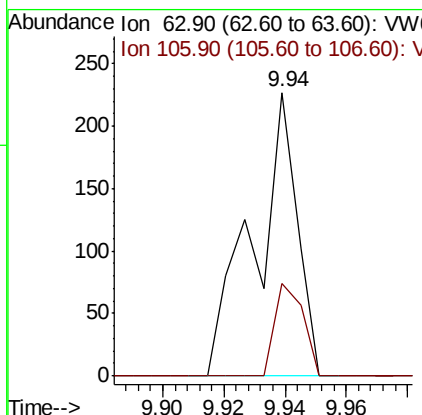
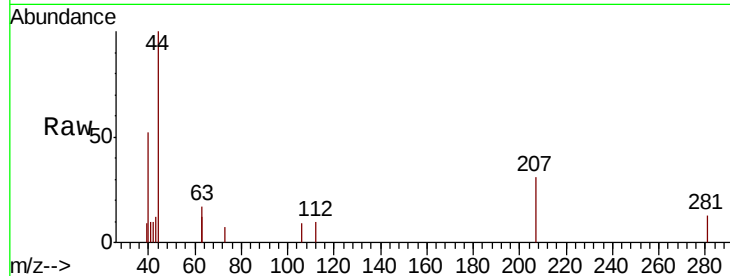




#58
 2-Chloroethyl Vinyl ether
 Concen: 8.993 ug/l
 RT: 9.94 min Scan# 1370
 Delta R.T. 0.01 min
 Lab File: VW004577.D
 Acq: 10 Aug 2018 03:17

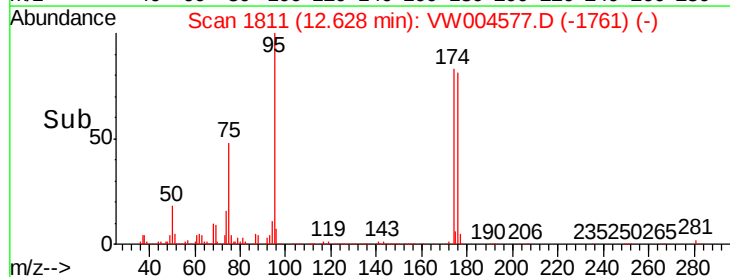
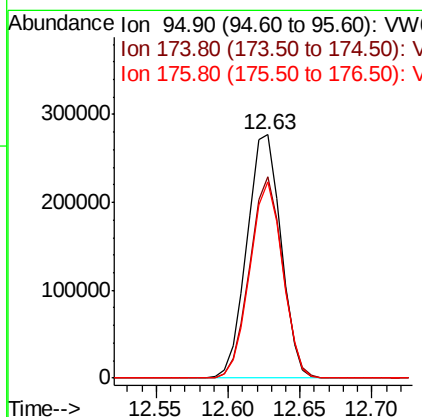
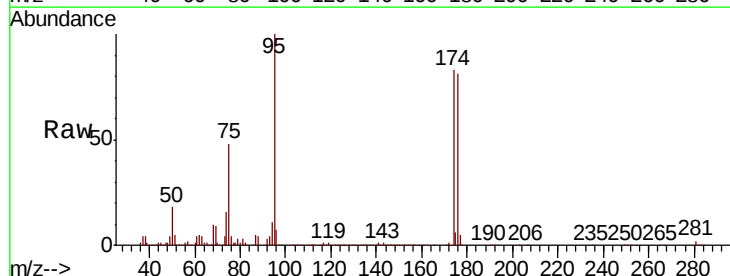
Instrument :
 MSVOA_W
 ClientSampleId :
 EXCAVATION-SOIL

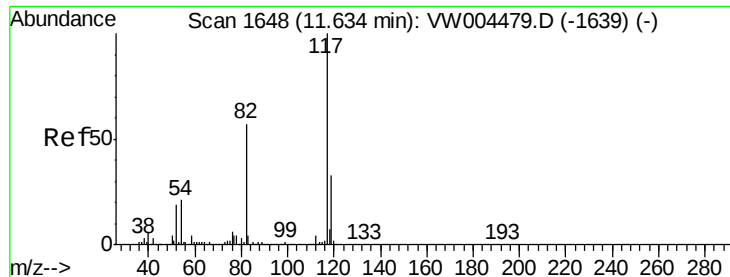
Tgt Ion: 63 Resp: 221
 Ion Ratio Lower Upper
 63 100
 106 21.7 21.3 31.9



#62
 4-Bromofluorobenzene
 Concen: 41.504 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.01 min
 Lab File: VW004577.D
 Acq: 10 Aug 2018 03:17

Tgt Ion: 95 Resp: 453481
 Ion Ratio Lower Upper
 95 100
 174 80.2 0.0 160.4
 176 77.6 0.0 153.2

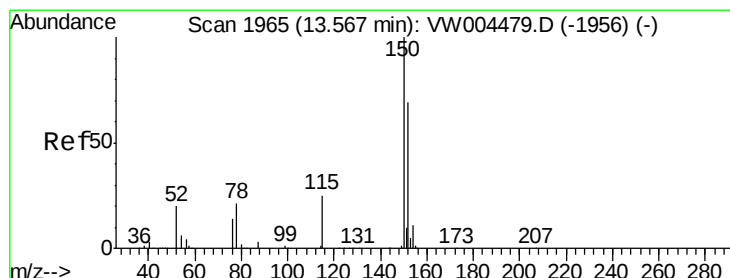
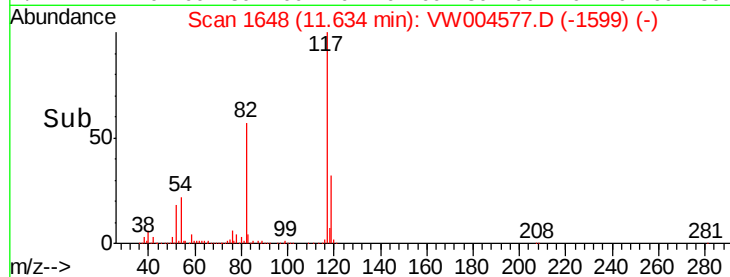
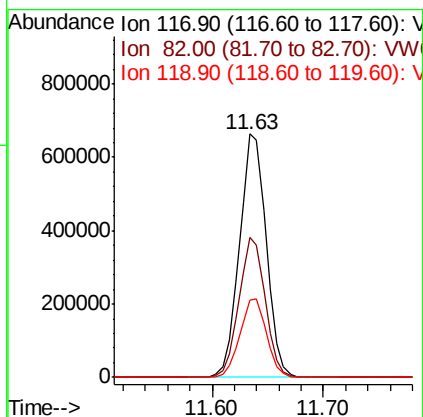
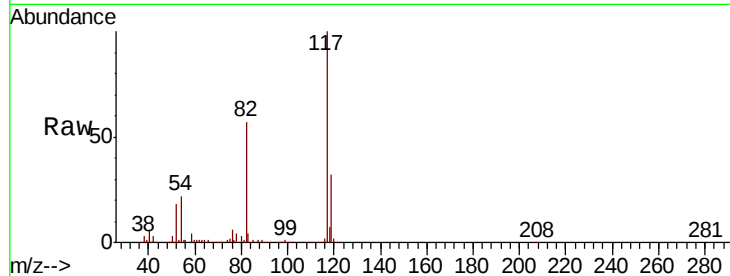




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004577.D
Acq: 10 Aug 2018 03:17

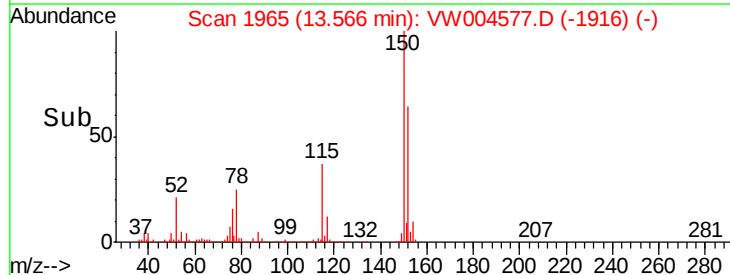
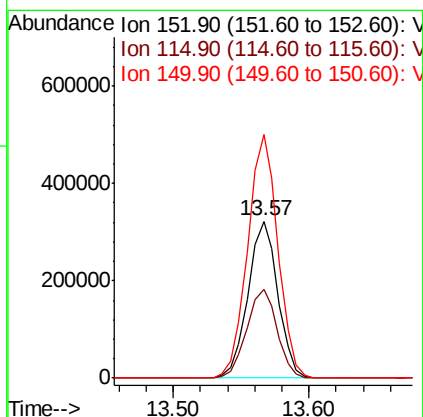
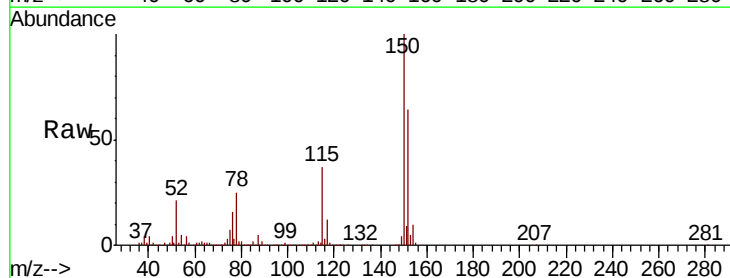
Instrument :
MSVOA_W
ClientSampleId :
EXCAVATION-SOIL

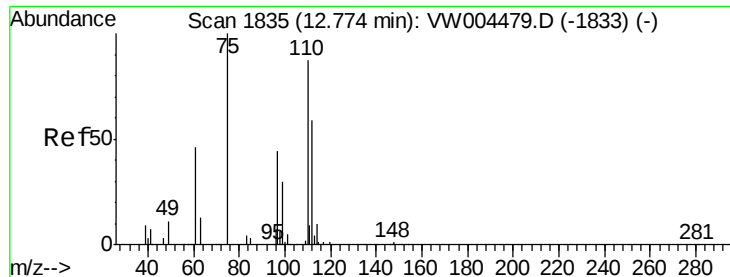
Tgt Ion:117 Resp: 1101625
Ion Ratio Lower Upper
117 100
82 57.4 45.3 67.9
119 31.7 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004577.D
Acq: 10 Aug 2018 03:17

Tgt Ion:152 Resp: 496311
Ion Ratio Lower Upper
152 100
115 58.1 29.1 87.3
150 156.6 0.0 349.6





#76

1,2,3-Trichloropropane

Concen: 42.759 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004577.D

Acq: 10 Aug 2018 03:17

Instrument :

MSVOA_W

ClientSampleId :

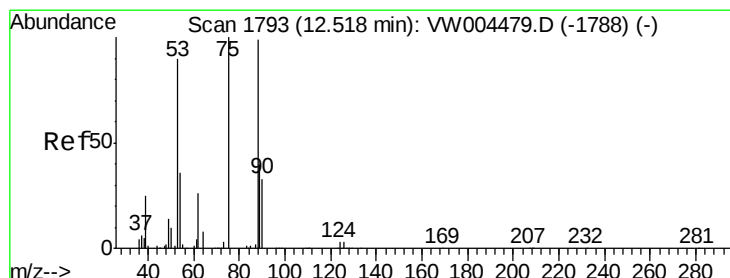
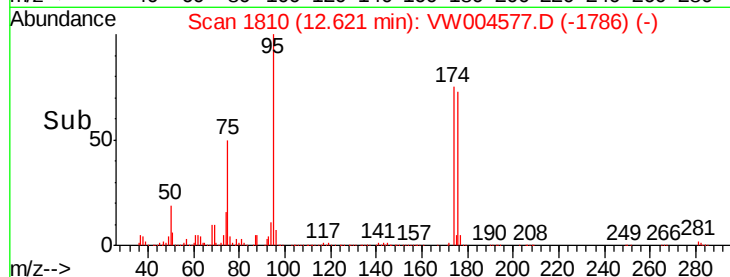
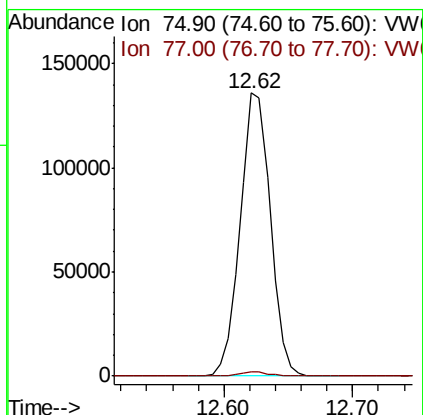
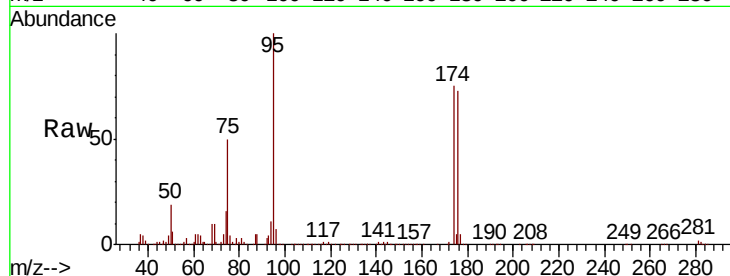
EXCAVATION-SOIL

Tgt Ion: 75 Resp: 219596

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 102.358 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004577.D

Acq: 10 Aug 2018 03:17

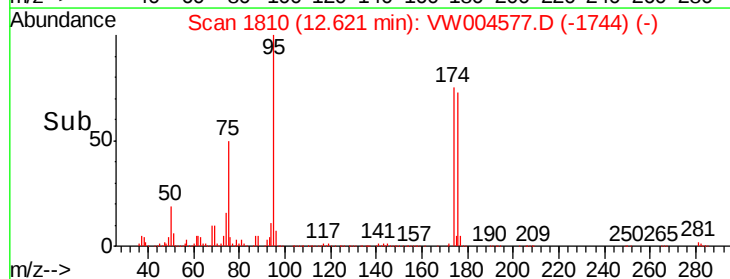
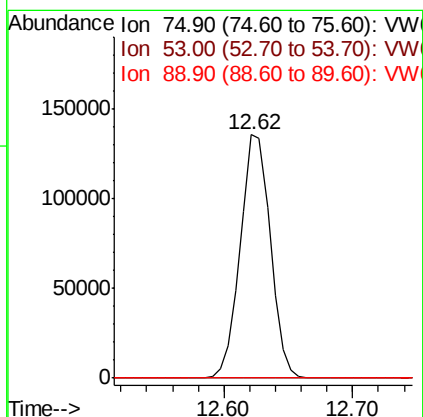
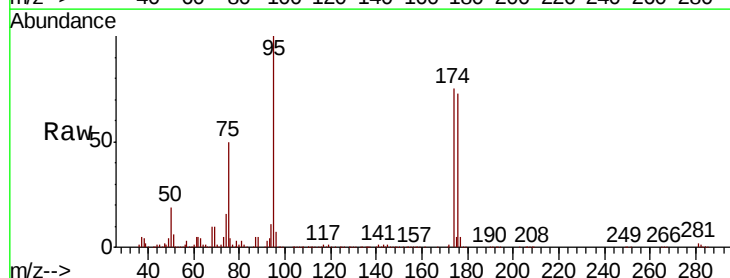
Tgt Ion: 75 Resp: 219596

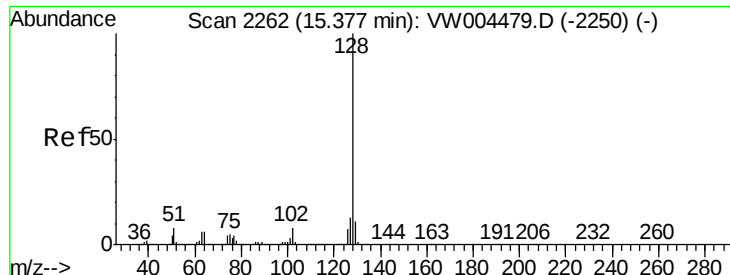
Ion Ratio Lower Upper

75 100

53 0.3 74.4 111.6#

89 0.0 35.9 53.9#





#95

Naphthalene

Concen: 2.957 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004577.D

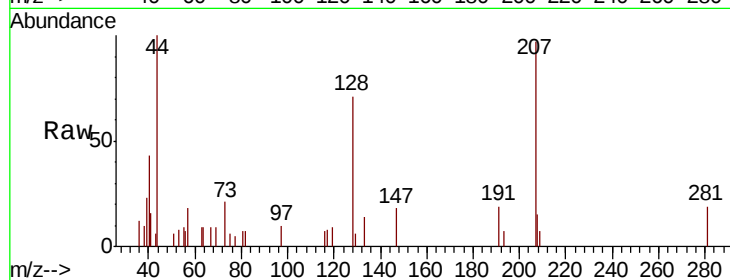
Acq: 10 Aug 2018 03:17

Instrument :

MSVOA_W

ClientSampleId :

EXCAVATION-SOIL



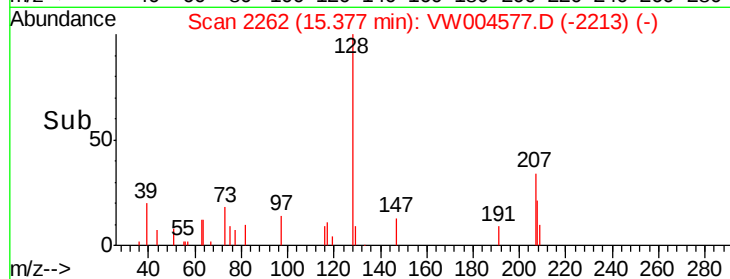
Tgt Ion:128 Resp: 996

Ion Ratio Lower Upper

128 100

127 5.3 10.3 15.5#

129 4.6 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

