

Data File : VW012103.D
Acq On : 22 Aug 2019 11:59
Operator : SY/VA
Sample : K4421-02
Misc : 5.07G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SUNSET-PARK-SB-7-9-10

Quant Time: Aug 23 07:58:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	225980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	375566	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	321031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	135857	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	145453	56.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.10%	
35) Dibromofluoromethane	7.88	113	114161	54.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.36%	
50) Toluene-d8	10.32	98	461940	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	
62) 4-Bromofluorobenzene	12.62	95	152883	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	

Target Compounds

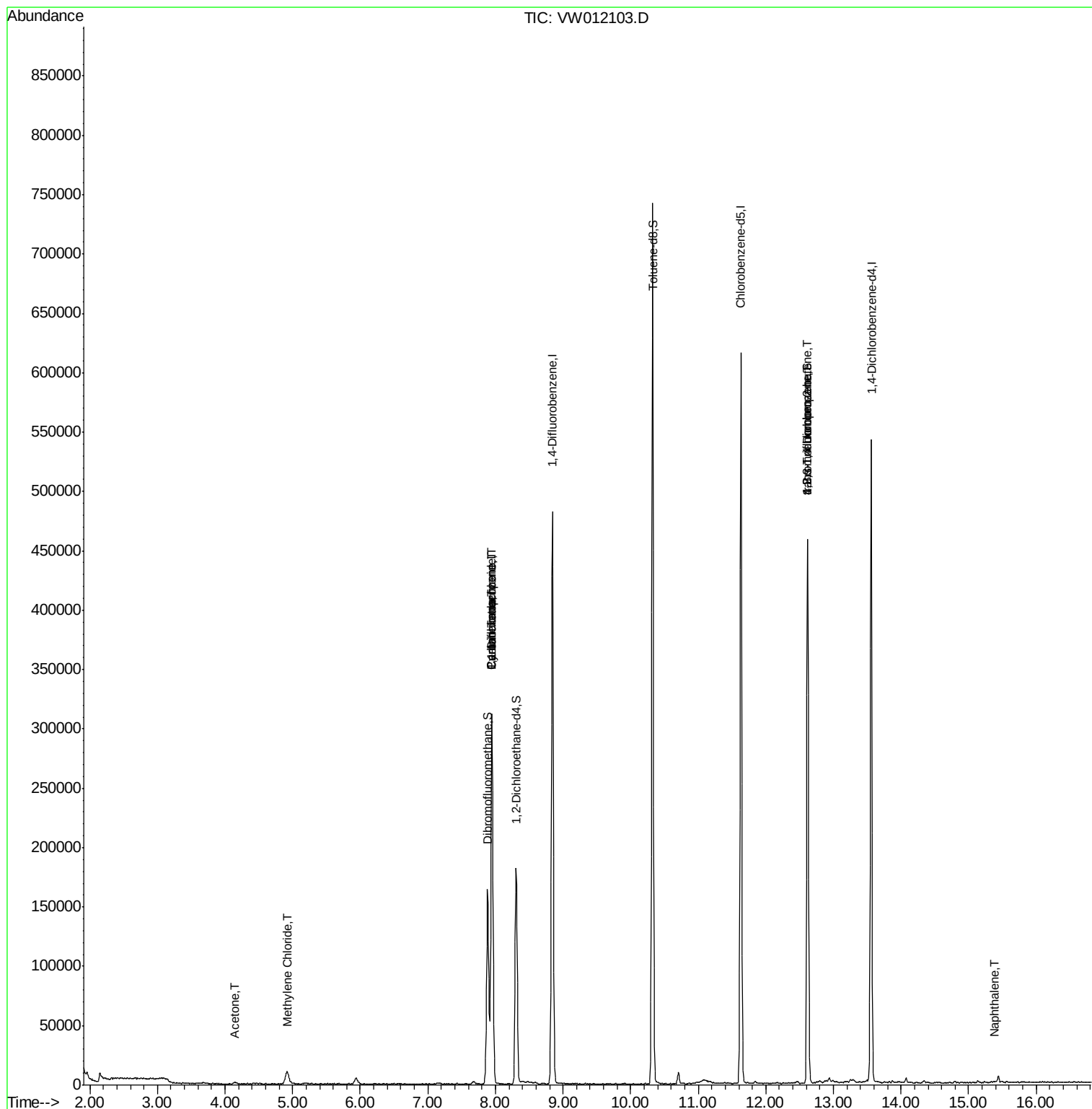
						Qvalue
11) Tert butyl alcohol	5.18	59	180	Below Cal	#	72
16) Acetone	4.15	43	2531	3.066	ug/l #	85
20) Methylene Chloride	4.92	84	7943	2.790	ug/l	93
31) Cyclohexane	7.95	56	5201	1.072	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	19536	5.003	ug/l #	51
38) Carbon Tetrachloride	7.95	117	22919	6.856	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	81306	56.560	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	81306	130.351	ug/l #	6
95) Naphthalene	15.38	128	854	2.219	ug/l #	86

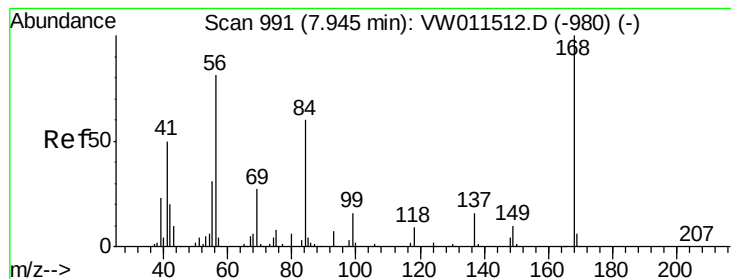
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW012103.D

Acq: 22 Aug 2019 11:59

Instrument :

MSVOA_W

ClientSampleId :

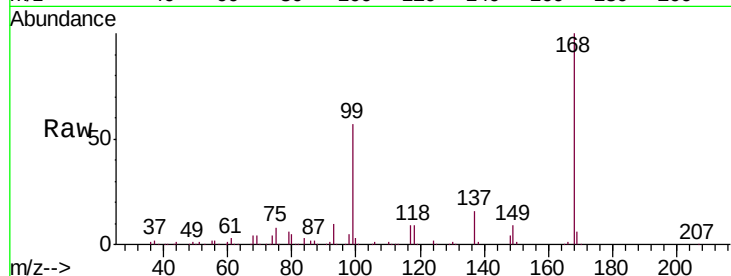
SUNSET-PARK-SB-7-9-10

Tgt Ion: 168 Resp: 225980

Ion Ratio Lower Upper

168 100

99 57.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

120000

100000

80000

60000

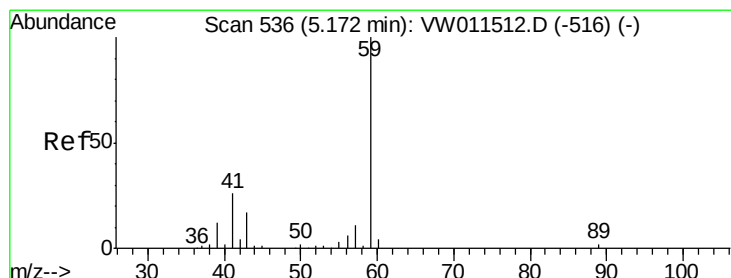
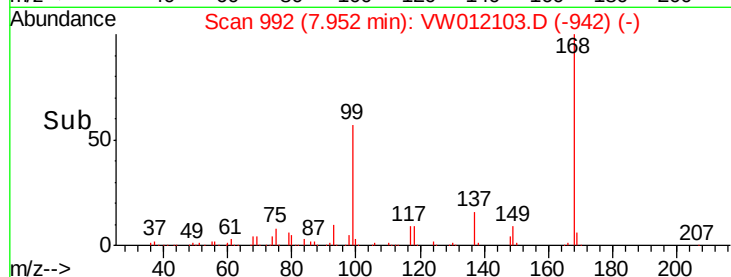
40000

20000

0

7.80 7.90 8.00 8.10

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.18 min Scan# 537

Delta R.T. 0.01 min

Lab File: VW012103.D

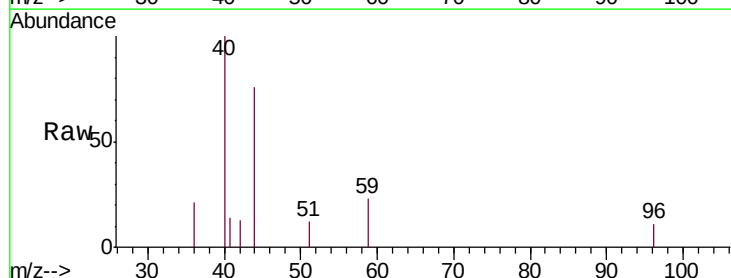
Acq: 22 Aug 2019 11:59

Tgt Ion: 59 Resp: 180

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

120

100

80

60

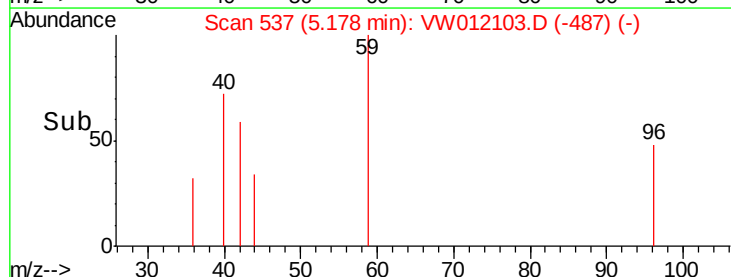
40

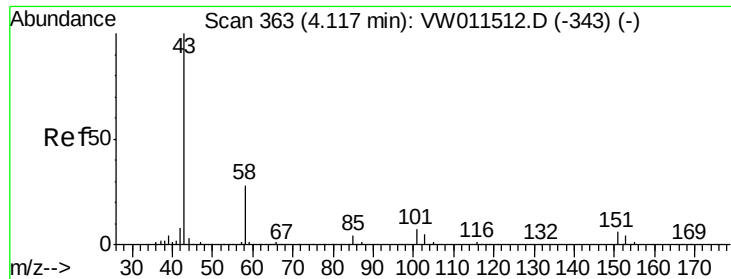
20

0

5.14 5.16 5.18 5.20

Time-->





#16

Acetone

Concen: 3.066 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.03 min

Lab File: VW012103.D

Acq: 22 Aug 2019 11:59

Instrument :

MSVOA_W

ClientSampleId :

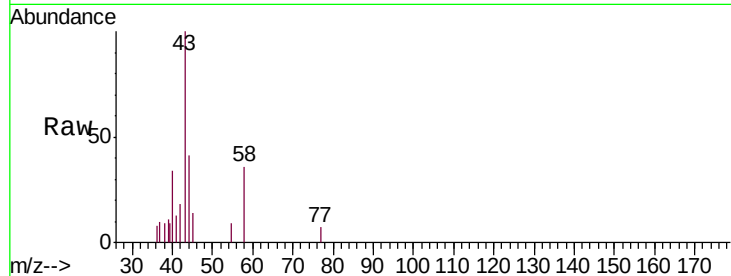
SUNSET-PARK-SB-7-9-10

Tgt Ion: 43 Resp: 2531

Ion Ratio Lower Upper

43 100

58 35.8 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

800

600

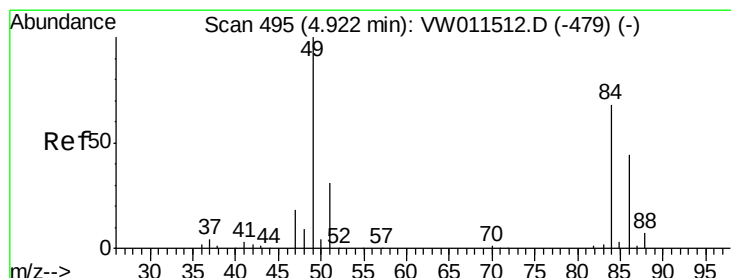
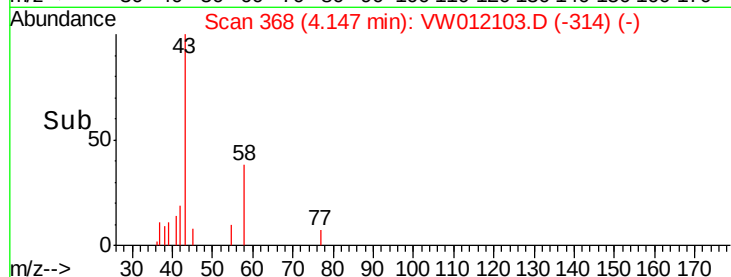
400

200

0

4.05 4.10 4.15 4.20

Time-->



#20

Methylene Chloride

Concen: 2.790 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW012103.D

Acq: 22 Aug 2019 11:59

Tgt Ion: 84 Resp: 7943

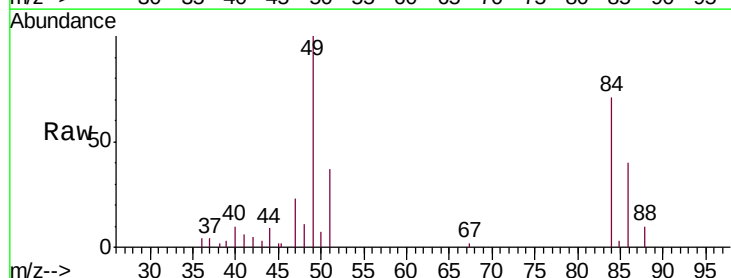
Ion Ratio Lower Upper

84 100

49 141.3 117.8 176.6

51 52.4 37.0 55.4

86 56.2 51.8 77.8



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

5000

4000

3000

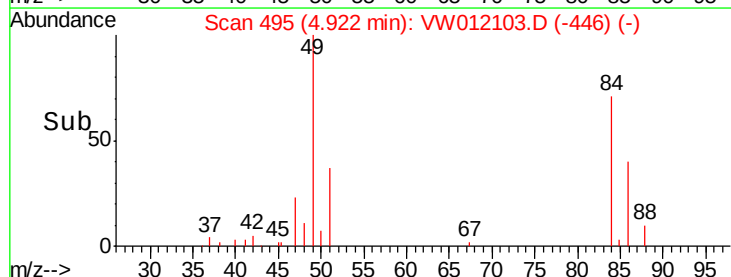
2000

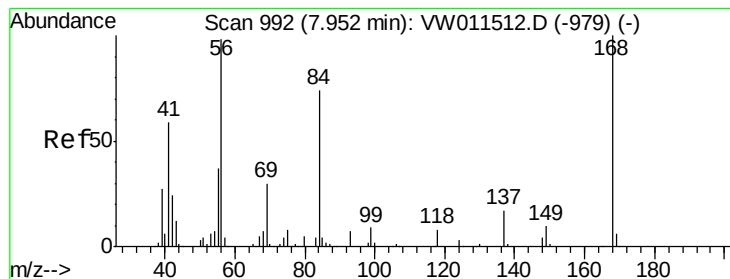
1000

0

4.80 4.90 5.00

Time-->





#31

Cyclohexane

Concen: 1.072 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW012103.D

Acq: 22 Aug 2019 11:59

Instrument :

MSVOA_W

ClientSampleId :

SUNSET-PARK-SB-7-9-10

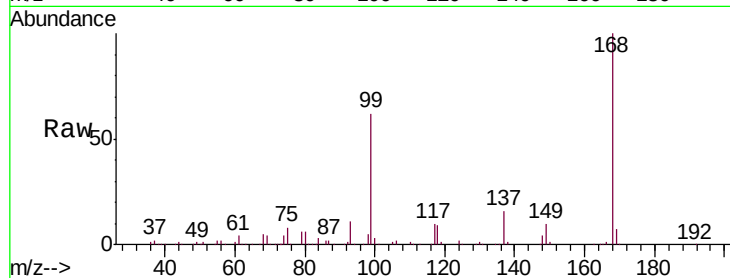
Tgt Ion: 56 Resp: 5201

Ion Ratio Lower Upper

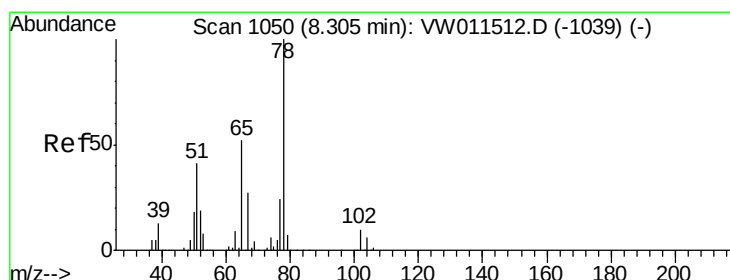
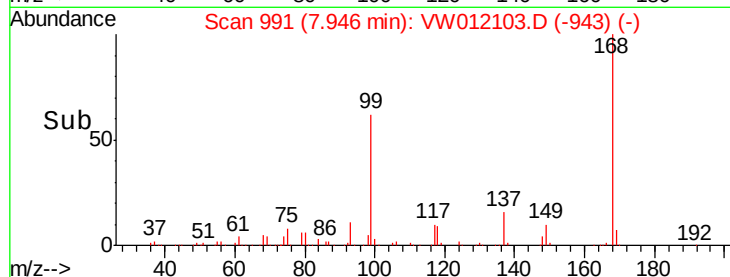
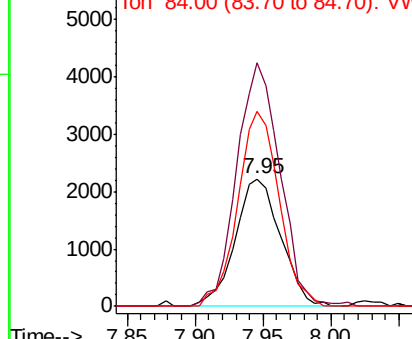
56 100

69 190.5 24.3 36.5#

84 152.2 60.4 90.6#



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 56.054 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012103.D

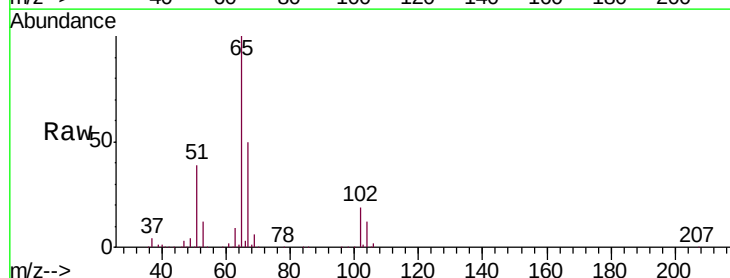
Acq: 22 Aug 2019 11:59

Tgt Ion: 65 Resp: 145453

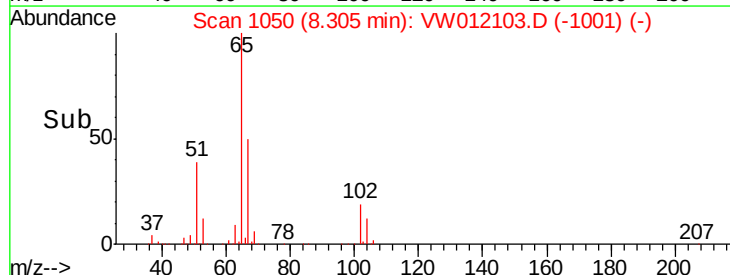
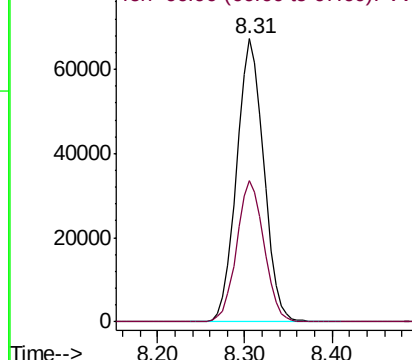
Ion Ratio Lower Upper

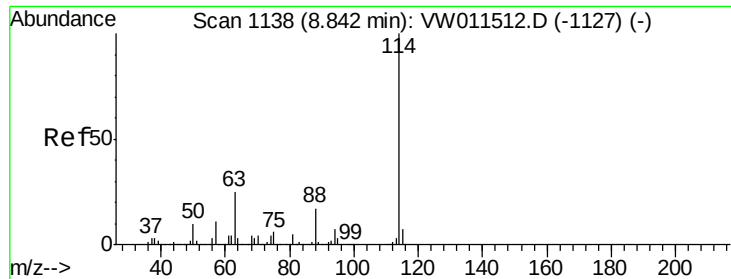
65 100

67 50.1 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

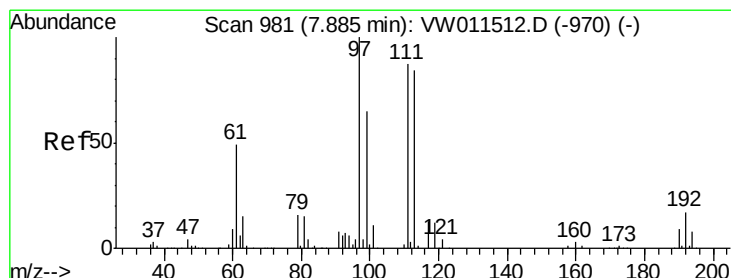
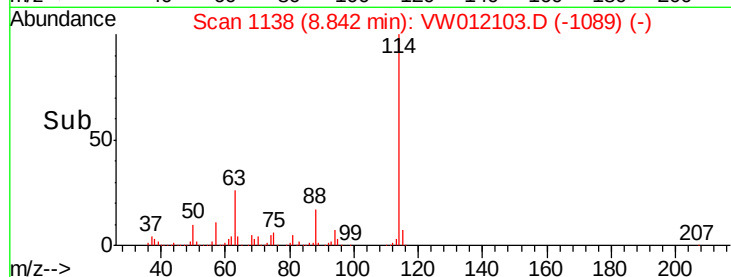
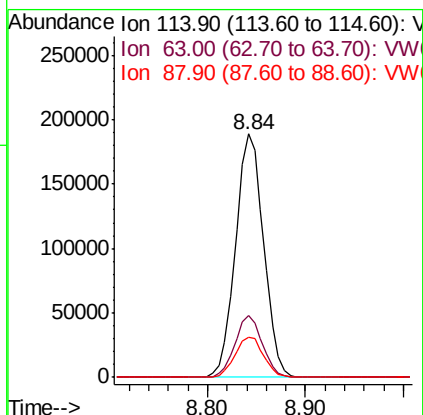
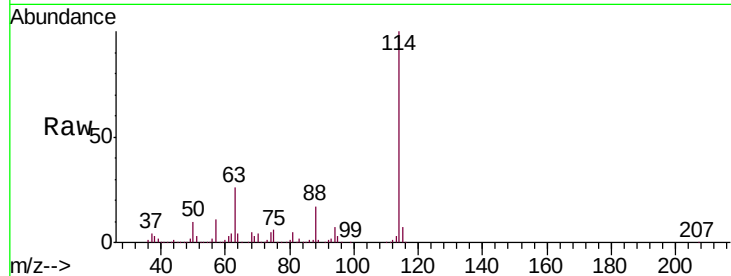




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012103.D
 Acq: 22 Aug 2019 11:59

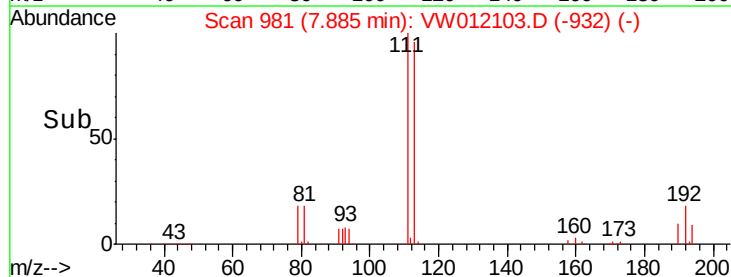
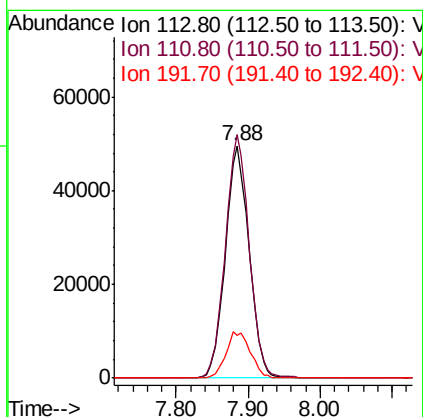
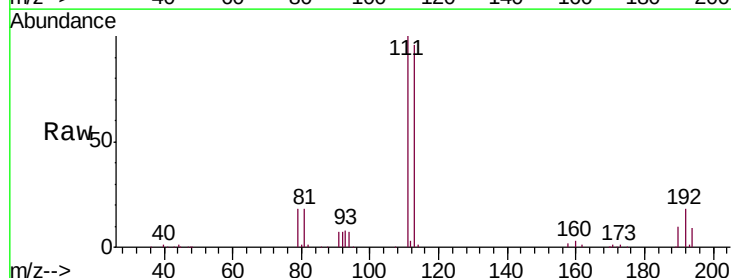
Instrument :
 MSVOA_W
 ClientSampleId :
 SUNSET-PARK-SB-7-9-10

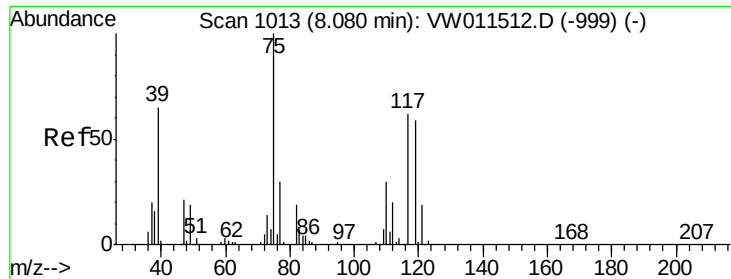
Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.6	0.0	49.2
88	16.6	0.0	33.8



#35
 Dibromofluoromethane
 Concen: 54.182 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012103.D
 Acq: 22 Aug 2019 11:59

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.1	82.7	124.1
192	20.5	16.1	24.1

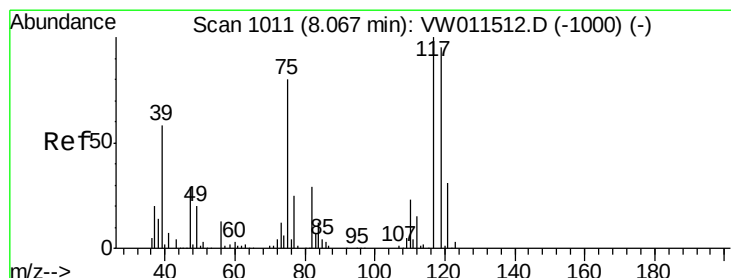
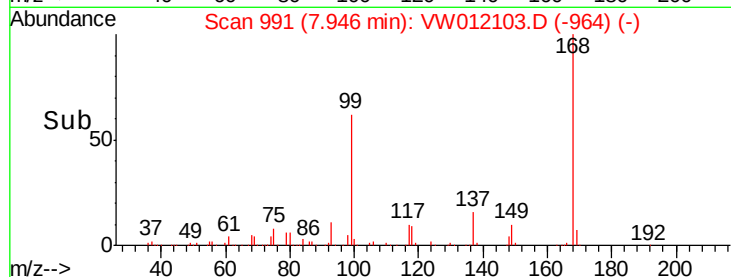
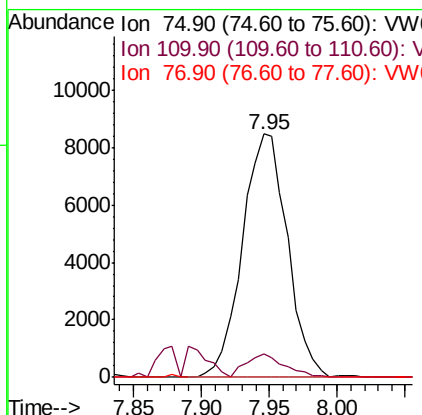
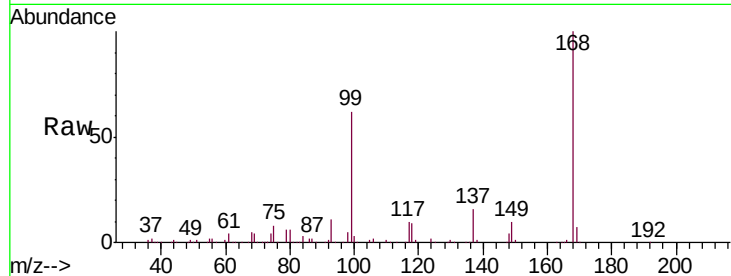




#36
 1,1-Dichloropropene
 Concen: 5.003 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012103.D
 Acq: 22 Aug 2019 11:59

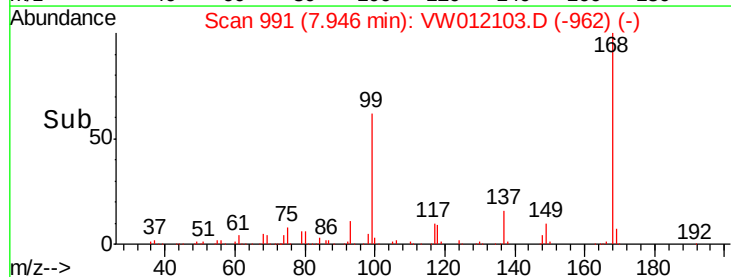
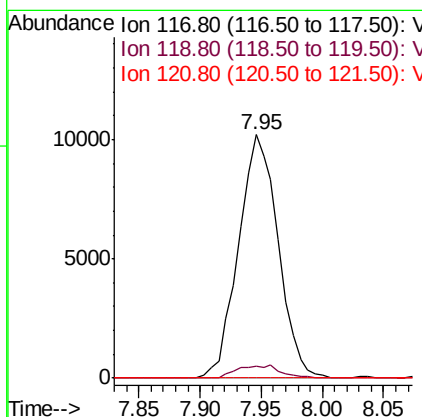
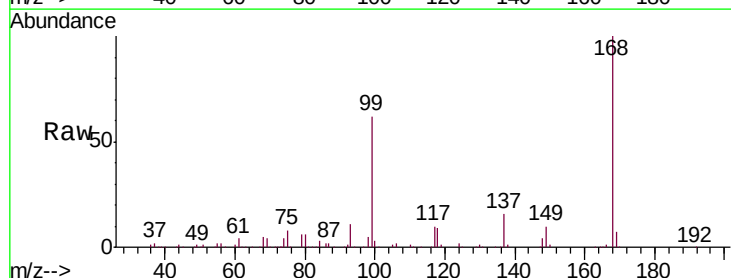
Instrument :
 MSVOA_W
 ClientSampleId :
 SUNSET-PARK-SB-7-9-10

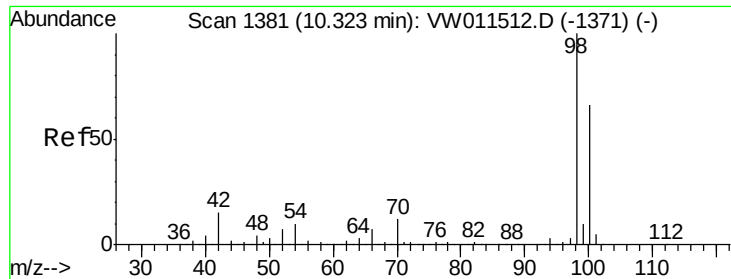
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.2	15.6	46.8#
77	0.0	24.3	36.5#



#38
 Carbon Tetrachloride
 Concen: 6.856 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW012103.D
 Acq: 22 Aug 2019 11:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	75.8	113.6#
121	0.0	24.7	37.1#





#50

Toluene-d8

Concen: 53.548 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012103.D

Acq: 22 Aug 2019 11:59

Instrument :

MSVOA_W

ClientSampleId :

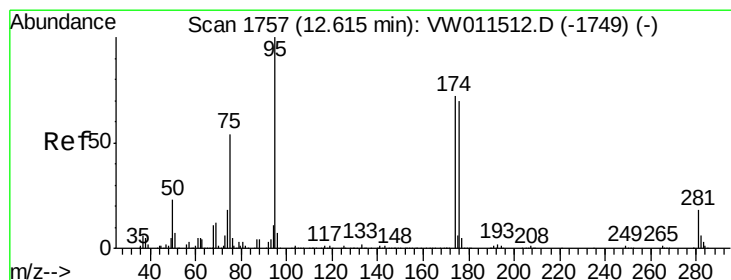
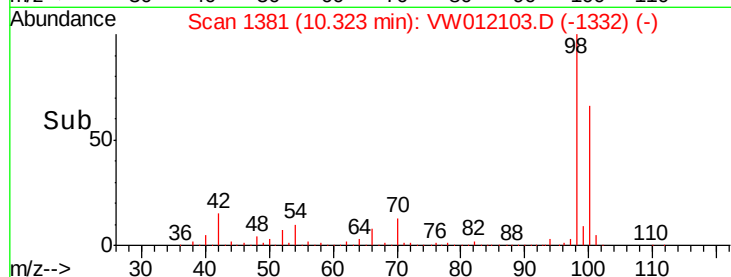
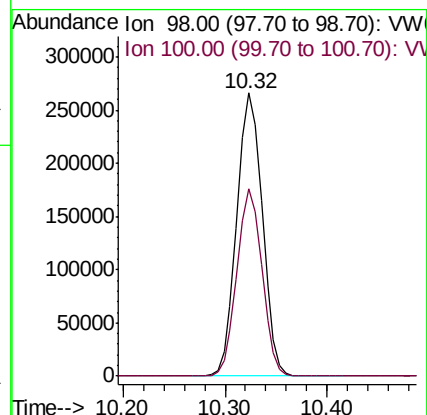
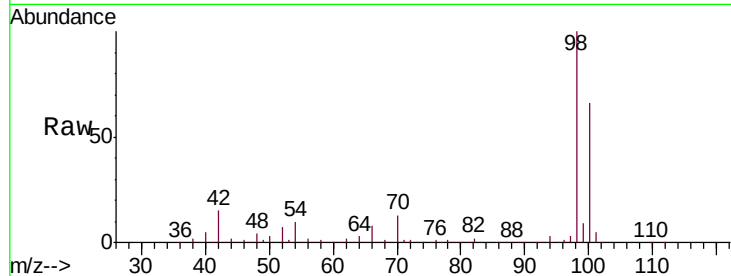
SUNSET-PARK-SB-7-9-10

Tgt Ion: 98 Resp: 461940

Ion Ratio Lower Upper

98 100

100 65.1 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 49.709 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012103.D

Acq: 22 Aug 2019 11:59

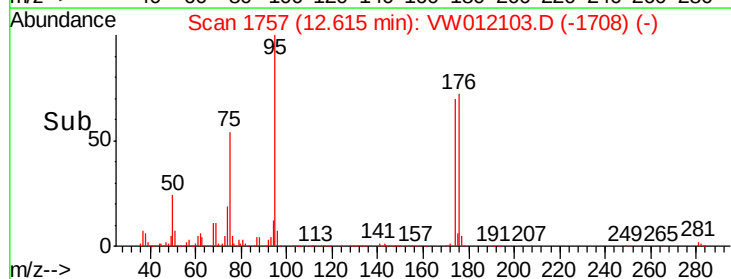
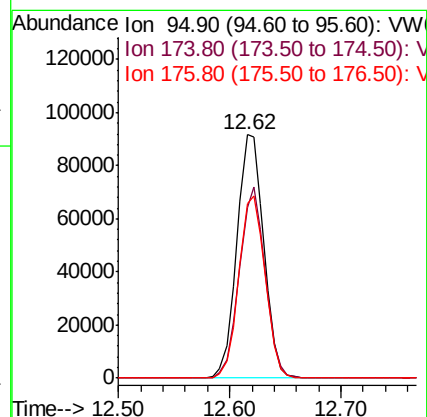
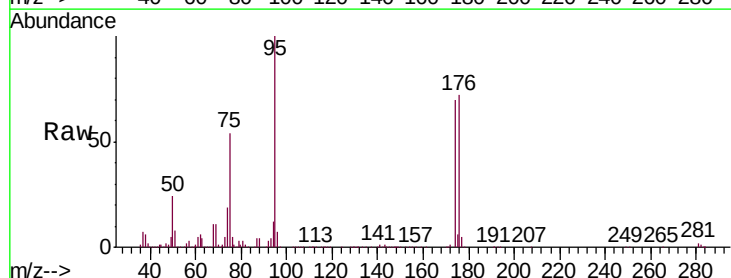
Tgt Ion: 95 Resp: 152883

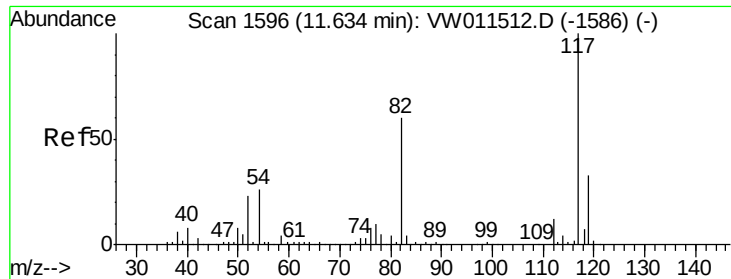
Ion Ratio Lower Upper

95 100

174 75.3 0.0 150.2

176 73.6 0.0 144.4

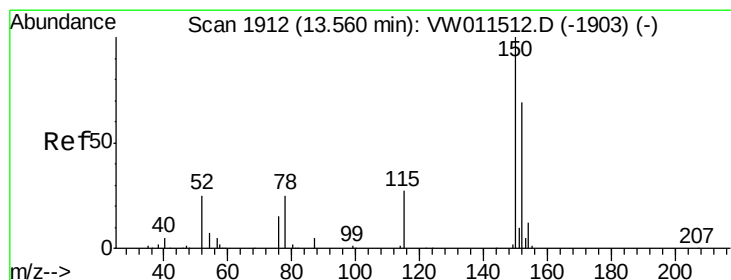
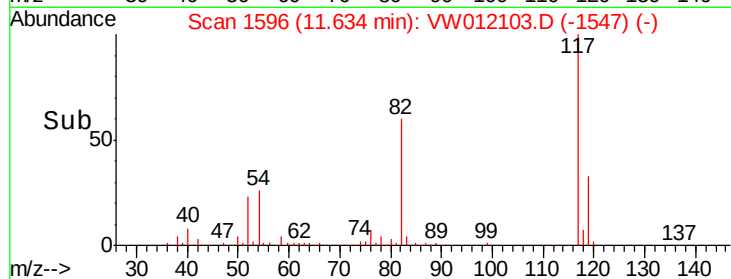
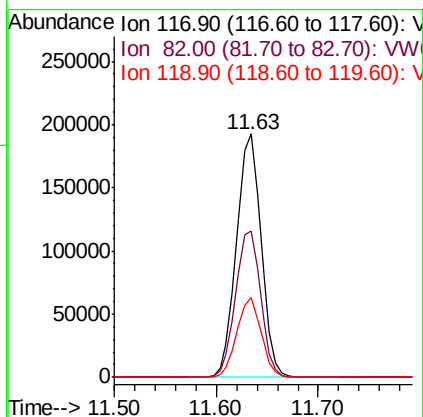
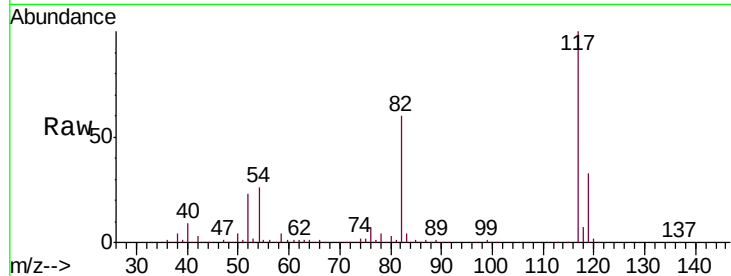




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW012103.D
Acq: 22 Aug 2019 11:59

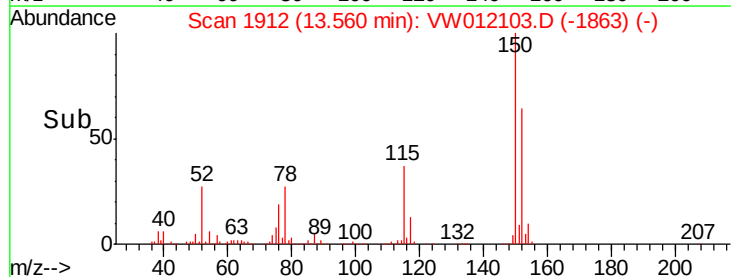
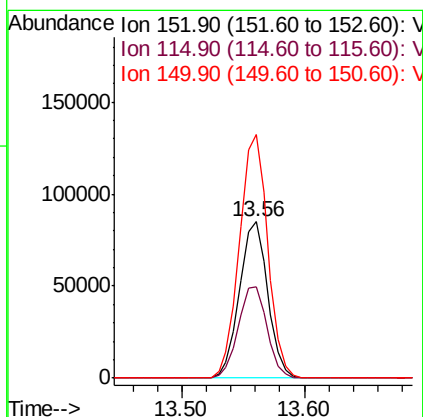
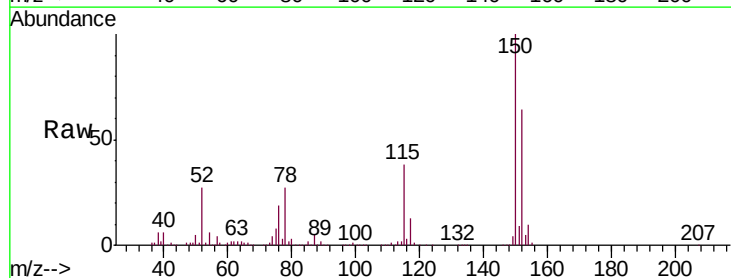
Instrument :
MSVOA_W
ClientSampleId :
SUNSET-PARK-SB-7-9-10

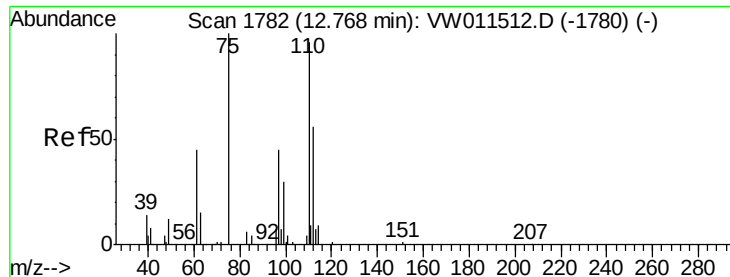
Tgt Ion:117 Resp: 321031
Ion Ratio Lower Upper
117 100
82 60.2 47.9 71.9
119 32.7 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012103.D
Acq: 22 Aug 2019 11:59

Tgt Ion:152 Resp: 135857
Ion Ratio Lower Upper
152 100
115 60.0 30.5 91.5
150 156.5 0.0 352.6





#76

1,2,3-Trichloropropane

Concen: 56.560 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012103.D

Acq: 22 Aug 2019 11:59

Instrument :

MSVOA_W

ClientSampleId :

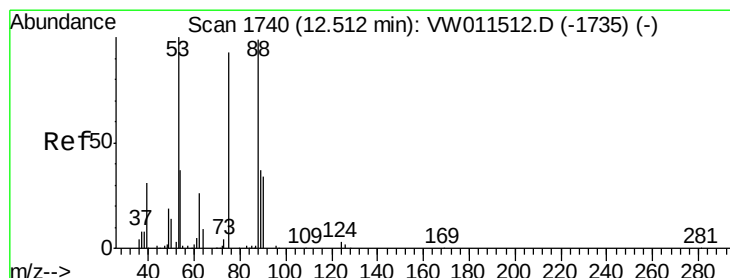
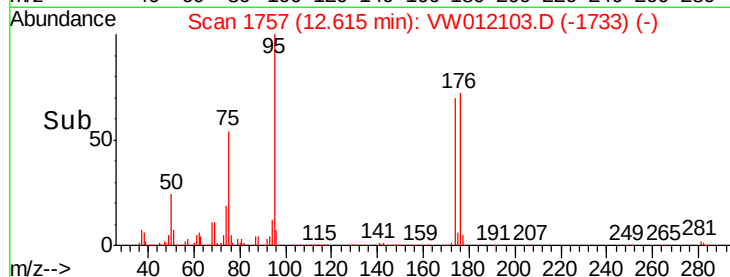
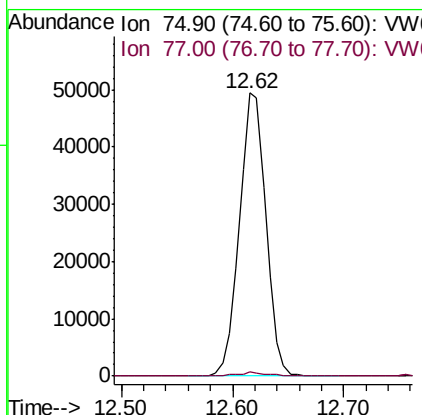
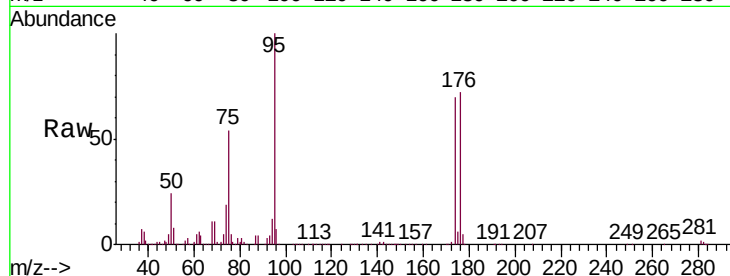
SUNSET-PARK-SB-7-9-10

Tgt Ion: 75 Resp: 81306

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 130.351 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW012103.D

Acq: 22 Aug 2019 11:59

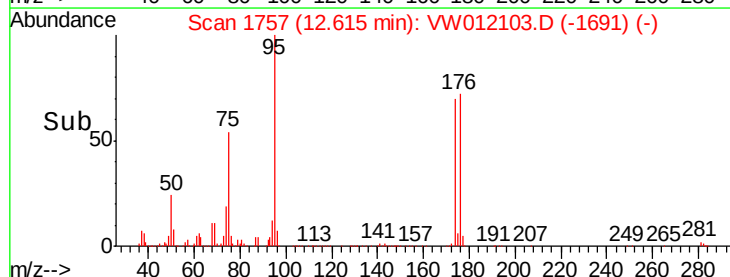
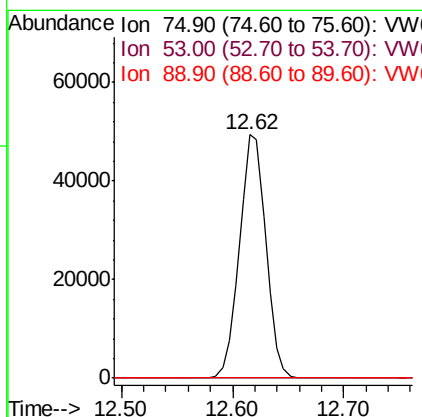
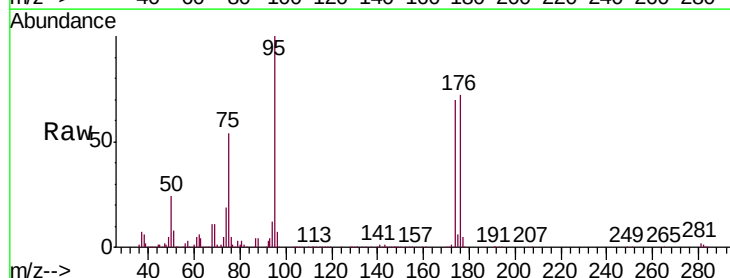
Tgt Ion: 75 Resp: 81306

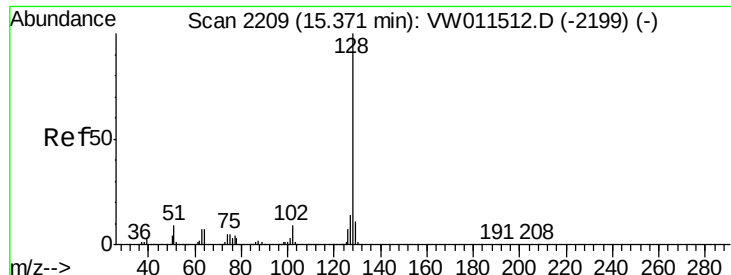
Ion Ratio Lower Upper

75 100

53 0.1 88.0 132.0#

89 0.0 35.3 52.9#





#95
Naphthalene
Concen: 2.219 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW012103.D
Acq: 22 Aug 2019 11:59

Instrument :
MSVOA_W
ClientSampleId :
SUNSET-PARK-SB-7-9-10

Tgt Ion:128 Resp: 854
Ion Ratio Lower Upper
128 100
127 4.8 10.6 16.0#
129 13.0 8.6 13.0#

