

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082919\
 Data File : VW012323.D
 Acq On : 30 Aug 2019 01:06
 Operator : SY/VA
 Sample : K4095-13
 Misc : 5.22G/5ML/MSVOA_W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-01-082819

Quant Time: Aug 30 06:54:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	268098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	438773	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	356430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	144496	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	160606	50.39	ug/l	0.00
Spiked Amount			Recovery	=	100.78%	
35) Dibromofluoromethane	7.88	113	131150	50.08	ug/l	0.00
Spiked Amount			Recovery	=	100.16%	
50) Toluene-d8	10.32	98	528926	49.81	ug/l	0.00
Spiked Amount			Recovery	=	99.62%	
62) 4-Bromofluorobenzene	12.62	95	166747	44.54	ug/l	0.00
Spiked Amount			Recovery	=	89.08%	

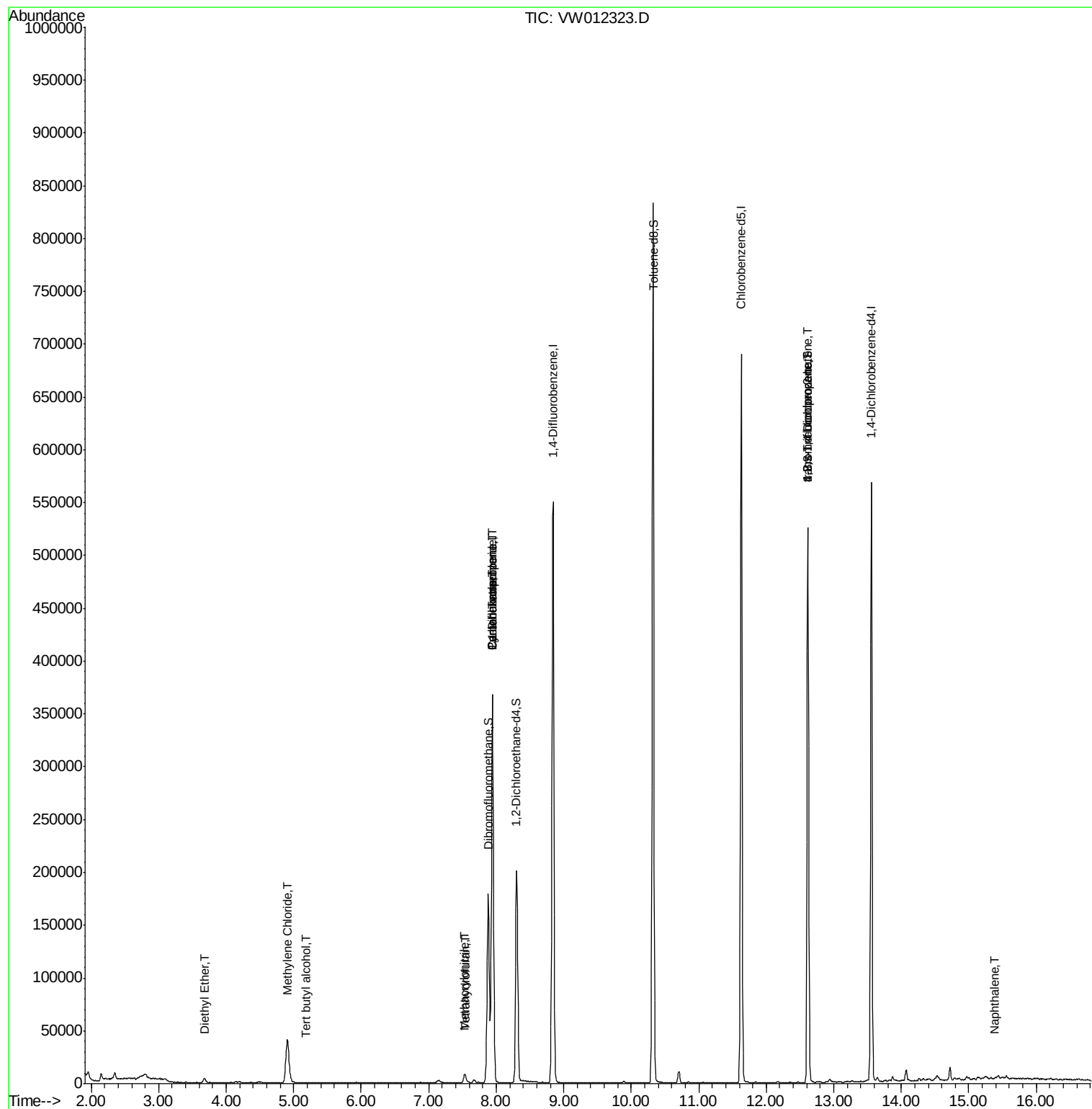
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.67	74	2019	1.353	ug/l	71
11) Tert butyl alcohol	5.18	59	275	1.434	ug/l #	71
20) Methylene Chloride	4.91	84	30131	9.783	ug/l	96
29) Tetrahydrofuran	7.54	42	7559	11.381	ug/l	96
31) Cyclohexane	7.94	56	6357	1.107	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	22352	4.930	ug/l #	51
38) Carbon Tetrachloride	7.95	117	27010	6.882	ug/l #	17
41) Methacrylonitrile	7.53	41	4184	2.865	ug/l #	55
76) 1,2,3-Trichloropropane	12.62	75	89294	63.451	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	89294	139.119	ug/l #	6
95) Naphthalene	15.37	128	905	4.473	ug/l #	79

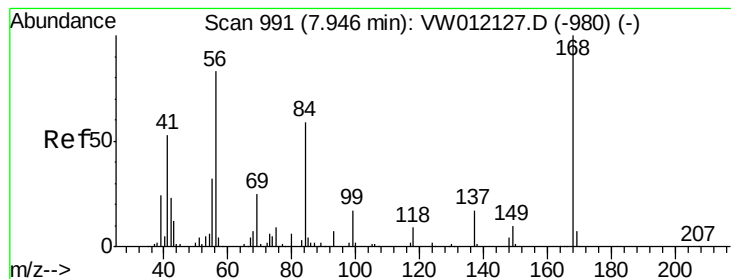
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW082919\
Data File : VW012323.D
Acq On : 30 Aug 2019 01:06
Operator : SY/VA
Sample : K4095-13
Misc : 5.22G/5ML/MSVOA_W/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SU-01-082819

Quant Time: Aug 30 06:54:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 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: VW012323.D

Acq: 30 Aug 2019 01:06

Instrument :

MSVOA_W

ClientSampleId :

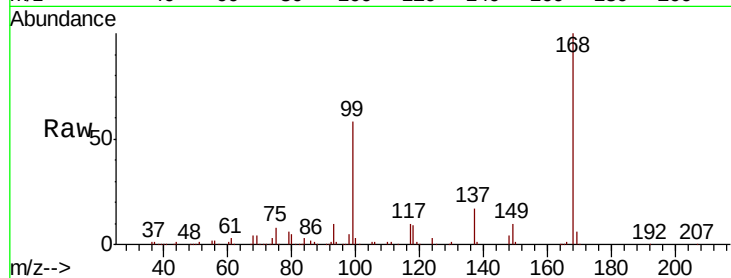
SU-01-082819

Tgt Ion:168 Resp: 268098

Ion Ratio Lower Upper

168 100

99 58.2 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

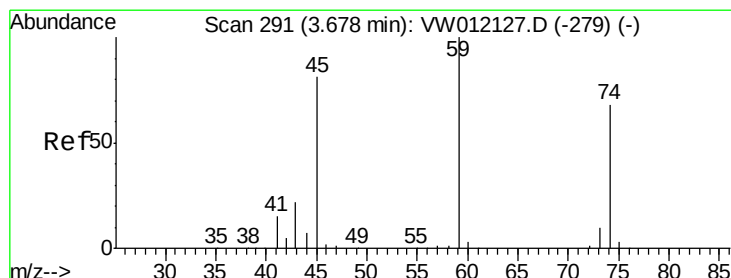
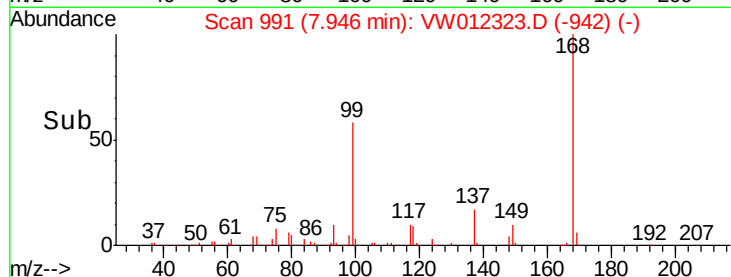
7.95

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.353 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW012323.D

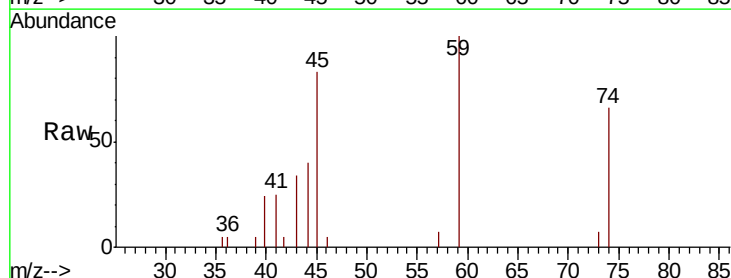
Acq: 30 Aug 2019 01:06

Tgt Ion: 74 Resp: 2019

Ion Ratio Lower Upper

74 100

45 150.9 59.2 177.6



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.67

1200

1000

800

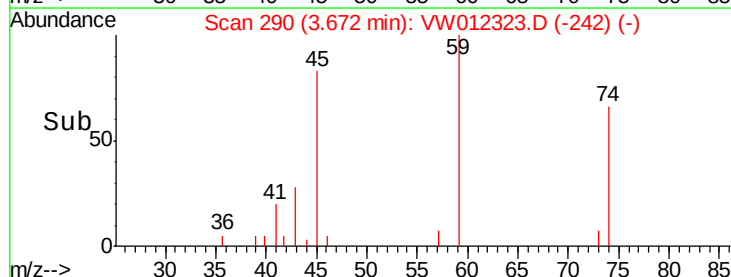
600

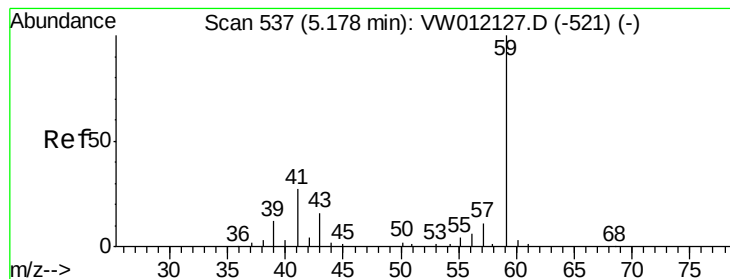
400

200

0

Time-->



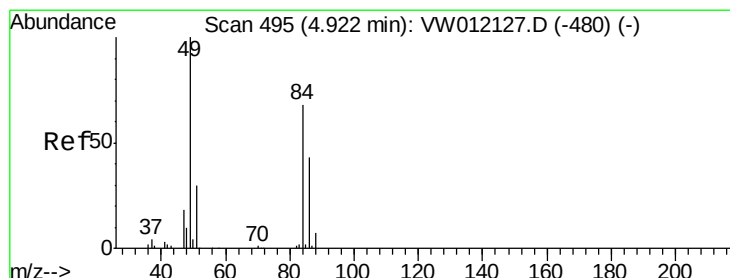
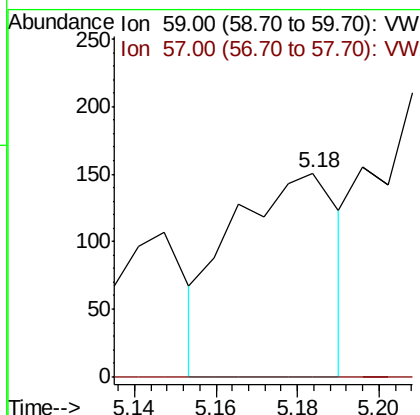
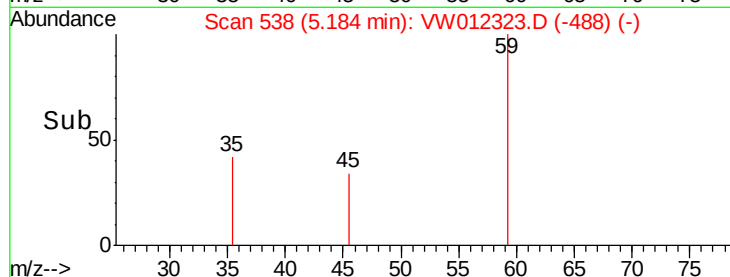
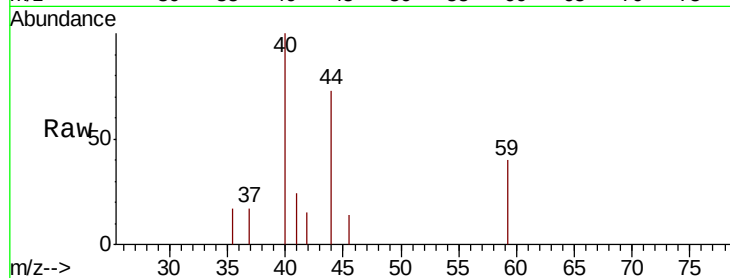


#11

Tert butyl alcohol
 Concen: 1.434 ug/l
 RT: 5.18 min Scan# 538
 Delta R.T. 0.01 min
 Lab File: VW012323.D
 Acq: 30 Aug 2019 01:06

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-01-082819

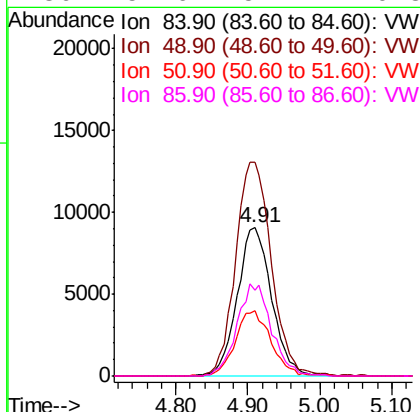
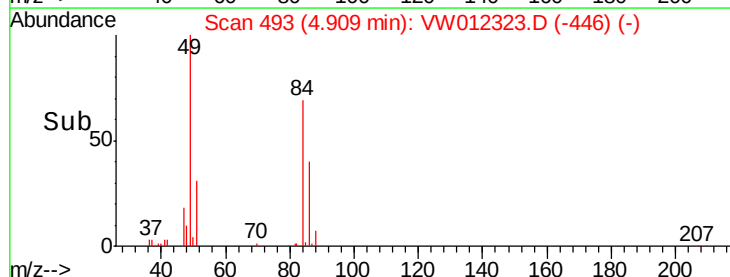
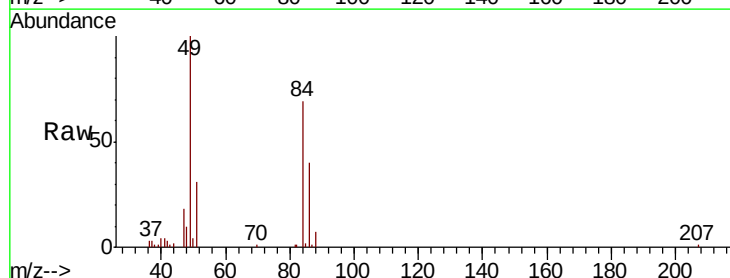
Tgt Ion: 59 Resp: 275
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.4#

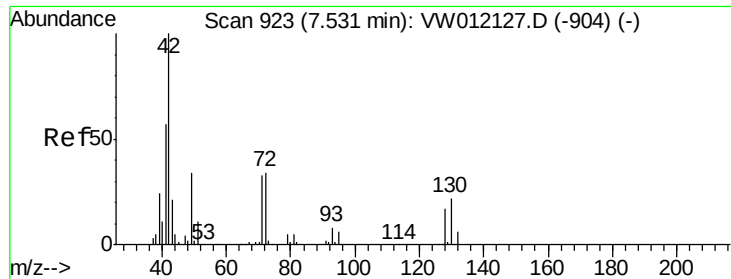


#20

Methylene Chloride
 Concen: 9.783 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW012323.D
 Acq: 30 Aug 2019 01:06

Tgt Ion: 84 Resp: 30131
 Ion Ratio Lower Upper
 84 100
 49 143.9 117.8 176.8
 51 44.0 35.6 53.4
 86 57.6 51.2 76.8

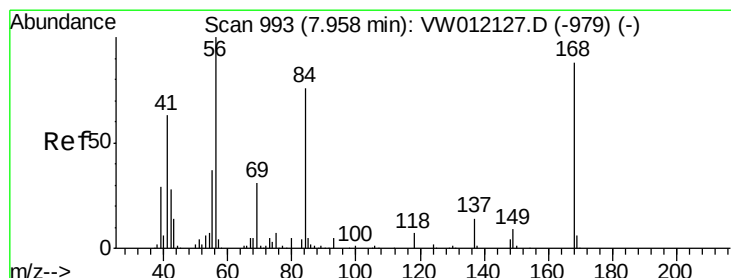
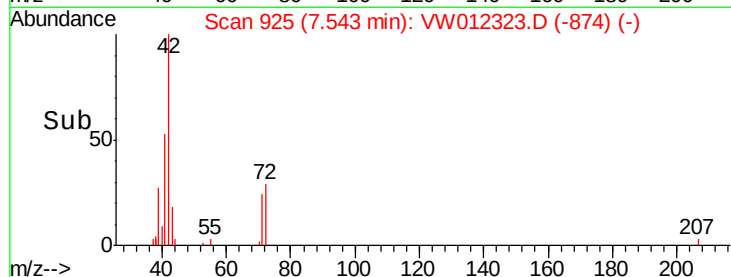
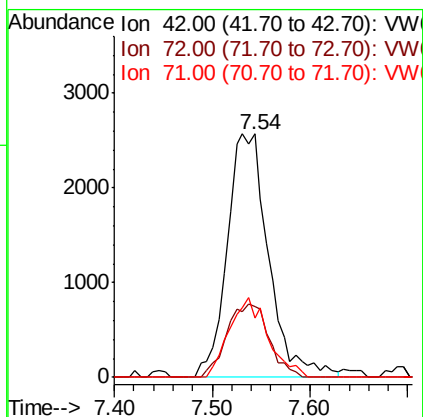
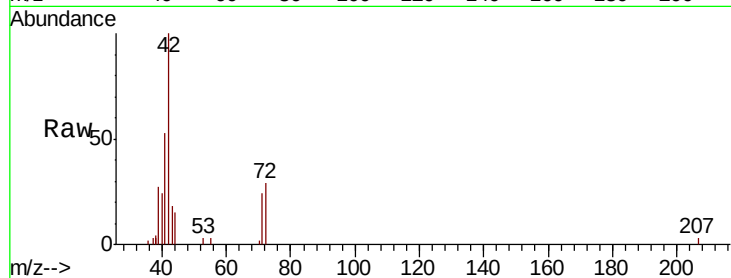




#29
Tetrahydrofuran
Concen: 11.381 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW012323.D
Acq: 30 Aug 2019 01:06

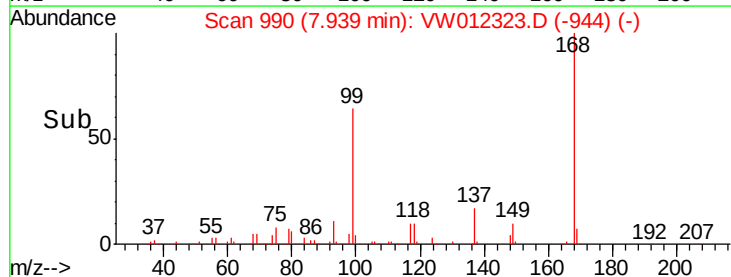
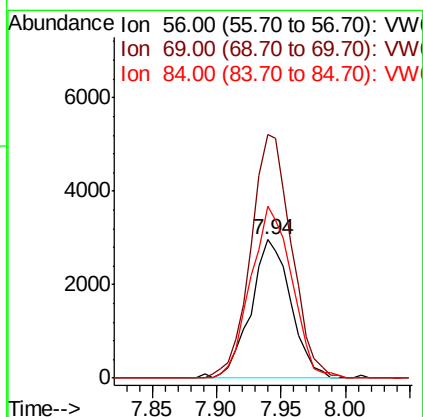
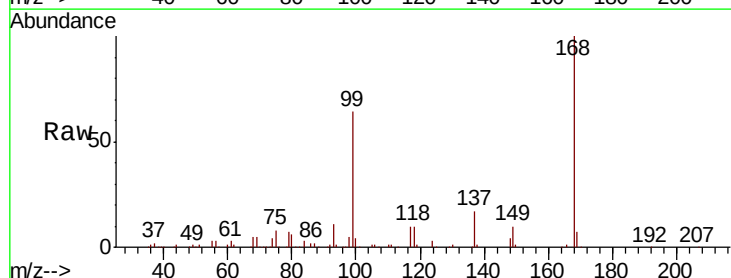
Instrument :
MSVOA_W
ClientSampleId :
SU-01-082819

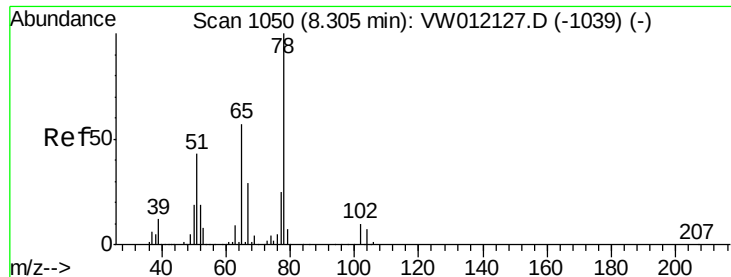
Tgt Ion: 42 Resp: 7559
Ion Ratio Lower Upper
42 100
72 30.5 27.3 40.9
71 30.5 25.5 38.3



#31
Cyclohexane
Concen: 1.107 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.02 min
Lab File: VW012323.D
Acq: 30 Aug 2019 01:06

Tgt Ion: 56 Resp: 6357
Ion Ratio Lower Upper
56 100
69 176.0 24.9 37.3#
84 124.0 60.6 90.8#

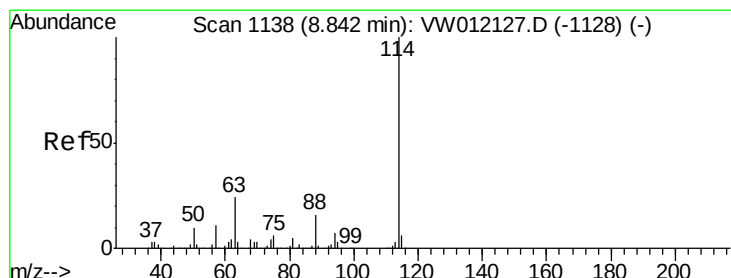
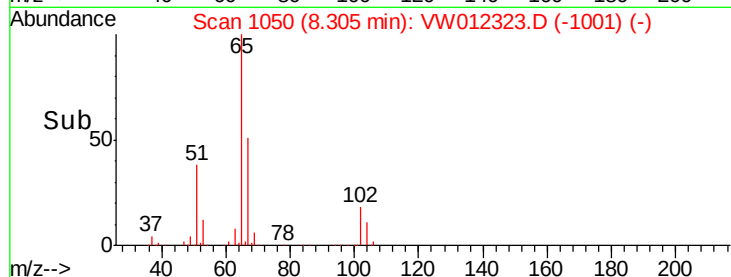
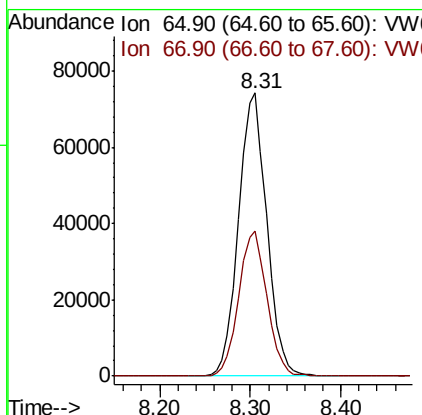
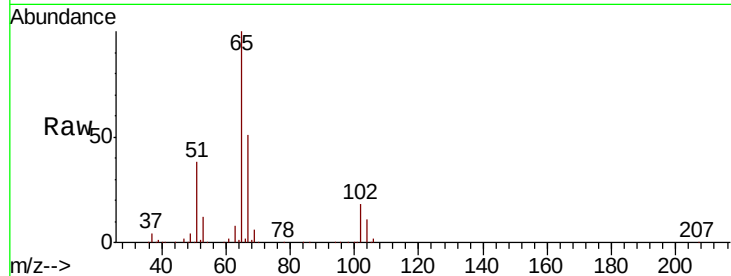




#33
 1,2-Dichloroethane-d4
 Concen: 50.394 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012323.D
 Acq: 30 Aug 2019 01:06

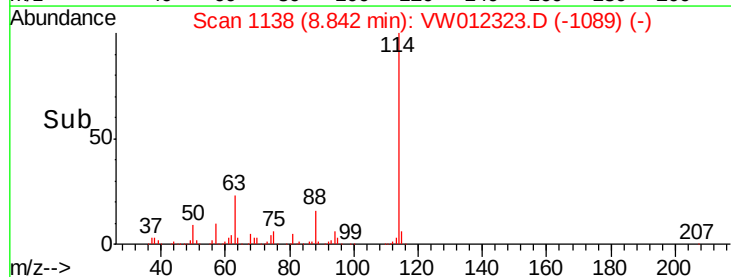
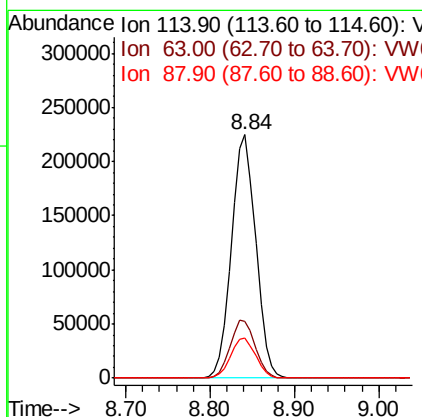
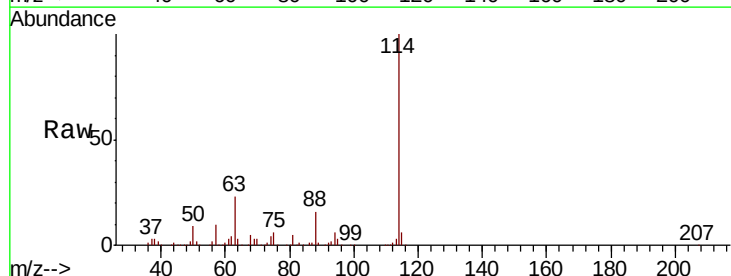
Instrument :
 MSVOA_W
 ClientSampleId :
 SU-01-082819

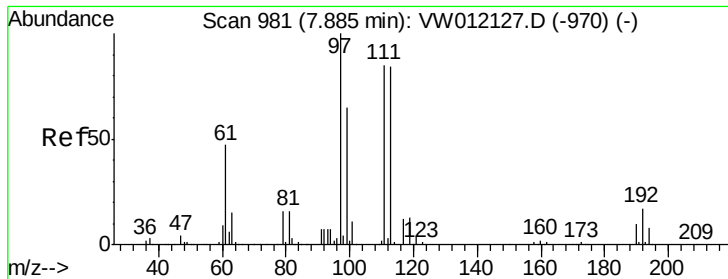
Tgt Ion: 65 Resp: 160606
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012323.D
 Acq: 30 Aug 2019 01:06

Tgt Ion: 114 Resp: 438773
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 48.6
 88 16.4 0.0 32.2

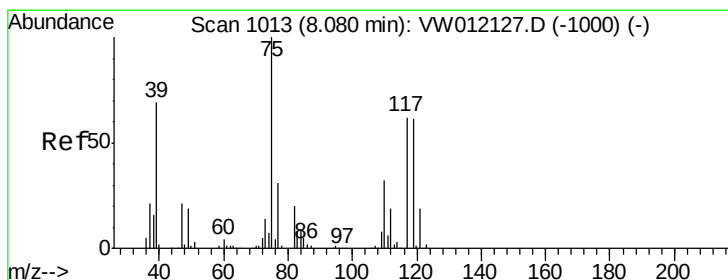
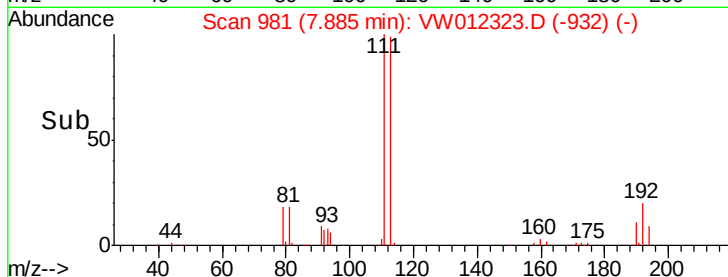
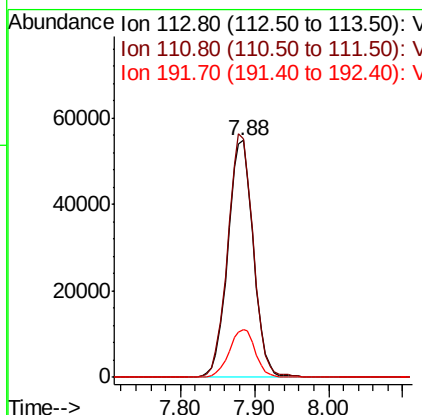
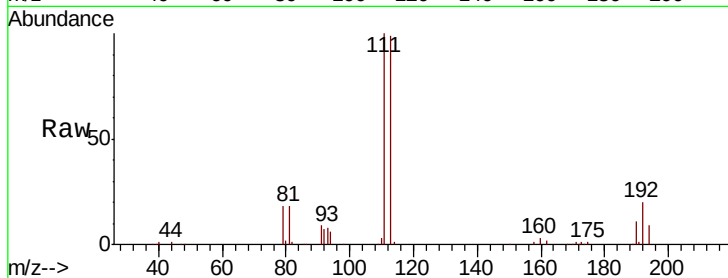




#35
 Dibromofluoromethane
 Concen: 50.075 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012323.D
 Acq: 30 Aug 2019 01:06

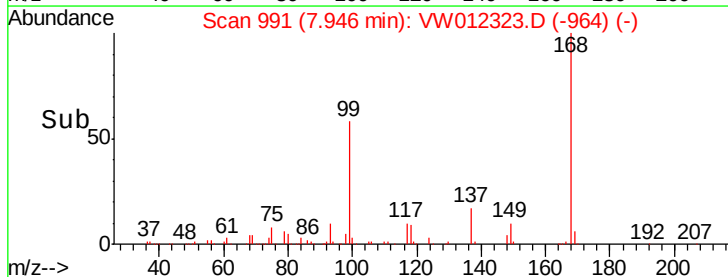
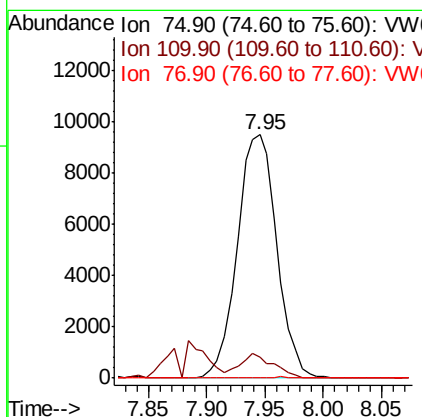
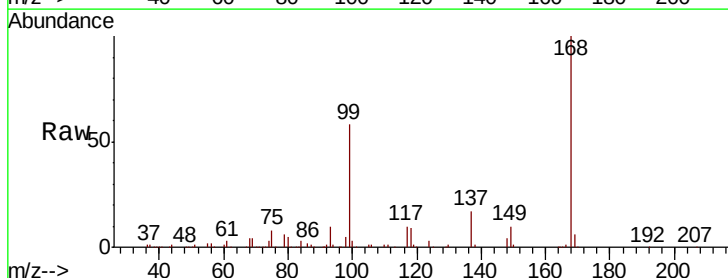
Instrument :
 MSVOA_W
 ClientSampleId :
 SU-01-082819

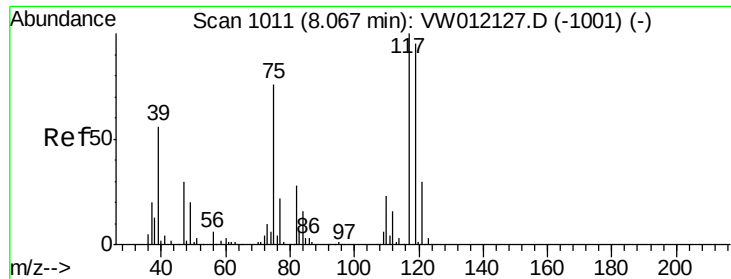
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.7	124.1
192	20.6	16.2	24.2



#36
 1,1-Dichloropropene
 Concen: 4.930 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012323.D
 Acq: 30 Aug 2019 01:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	15.6	46.8#
77	0.0	24.6	36.8#





#38

Carbon Tetrachloride

Concen: 6.882 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW012323.D

Acq: 30 Aug 2019 01:06

Instrument :

MSVOA_W

ClientSampleId :

SU-01-082819

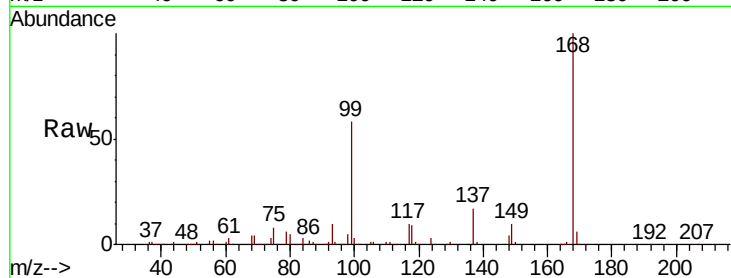
Tgt Ion:117 Resp: 27010

Ion Ratio Lower Upper

117 100

119 5.4 76.2 114.2#

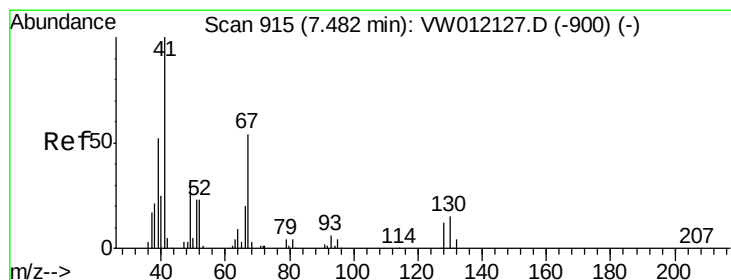
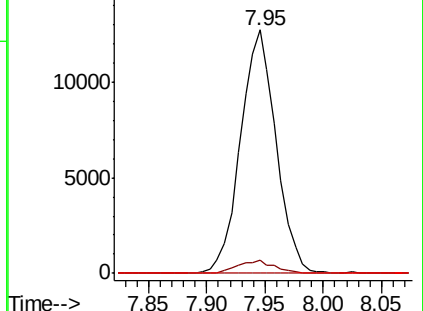
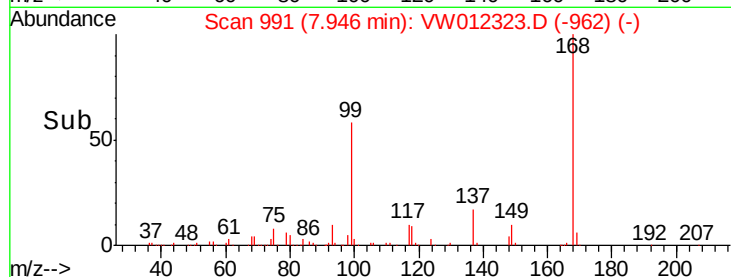
121 0.0 23.8 35.8#



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



#41

Methacrylonitrile

Concen: 2.865 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.05 min

Lab File: VW012323.D

Acq: 30 Aug 2019 01:06

Tgt Ion: 41 Resp: 4184

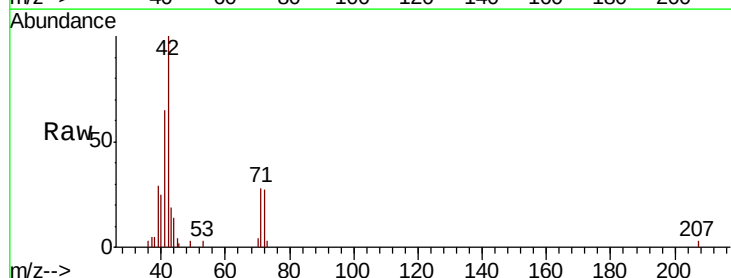
Ion Ratio Lower Upper

41 100

39 51.0 45.8 68.8

67 0.0 46.2 69.4#

52 0.0 21.0 31.6#

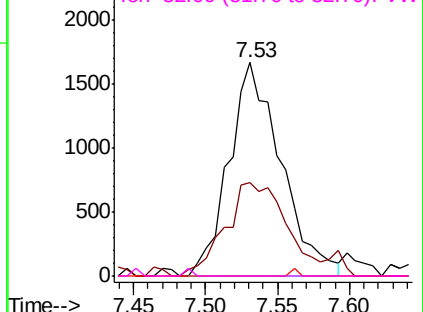
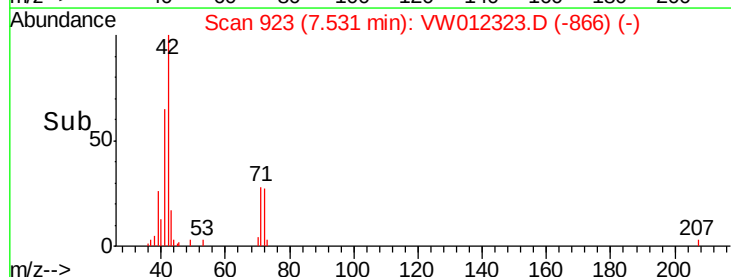


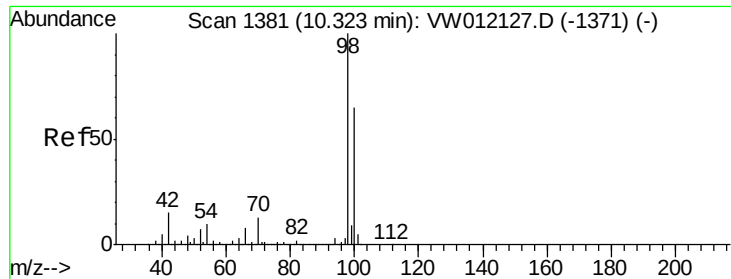
Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW





#50

Toluene-d8

Concen: 49.807 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012323.D

Acq: 30 Aug 2019 01:06

Instrument :

MSVOA_W

ClientSampleId :

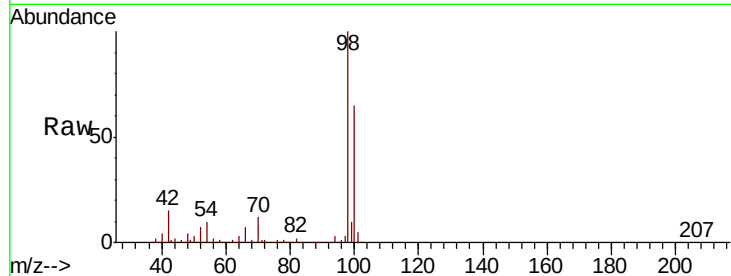
SU-01-082819

Tgt Ion: 98 Resp: 528926

Ion Ratio Lower Upper

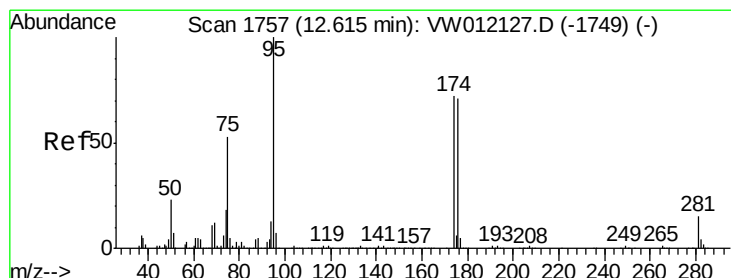
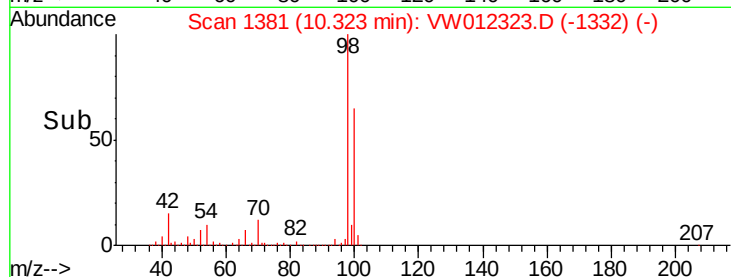
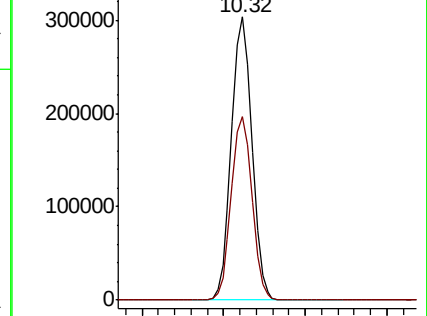
98 100

100 65.3 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 44.545 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012323.D

Acq: 30 Aug 2019 01:06

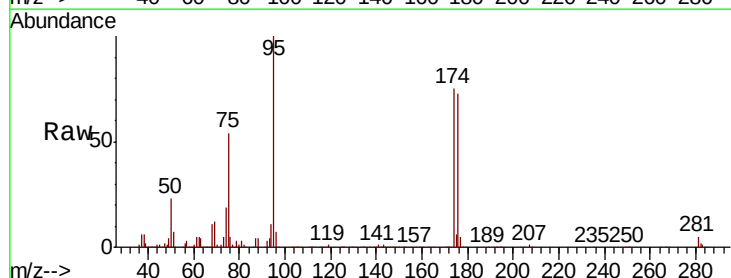
Tgt Ion: 95 Resp: 166747

Ion Ratio Lower Upper

95 100

174 76.4 0.0 150.8

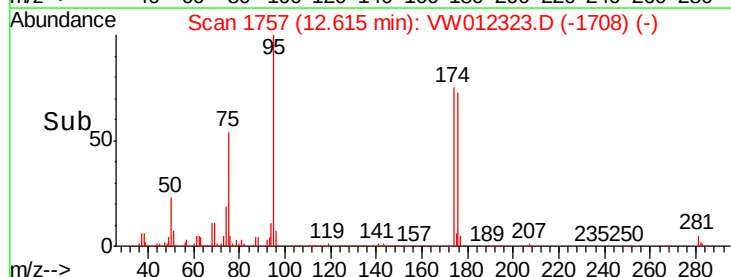
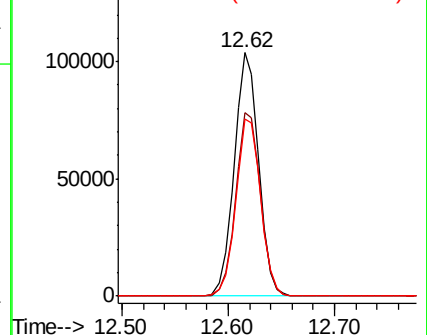
176 73.9 0.0 148.6

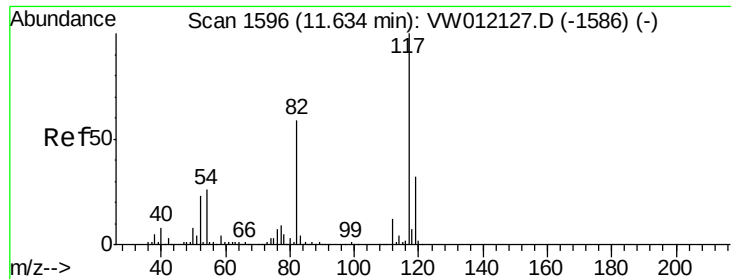


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

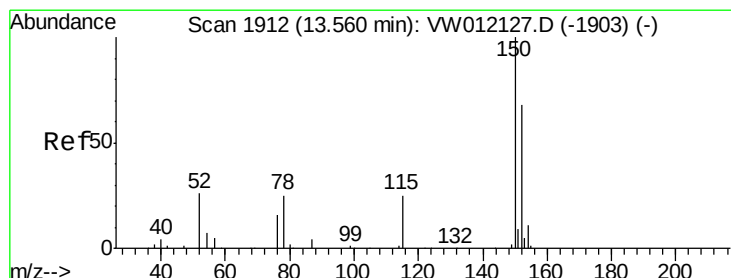
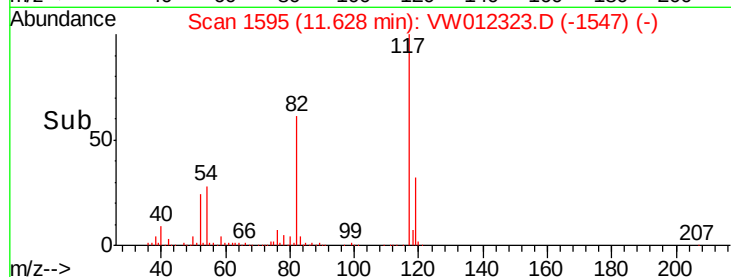
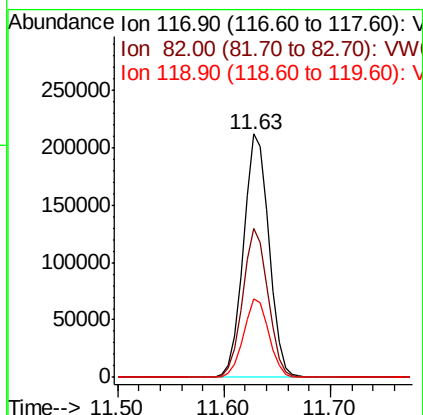
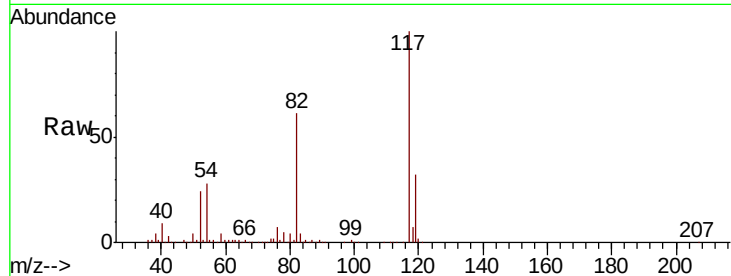




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012323.D
Acq: 30 Aug 2019 01:06

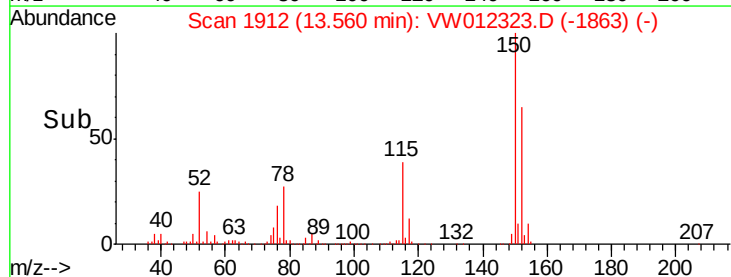
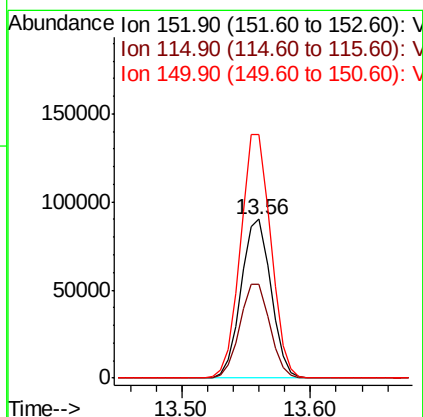
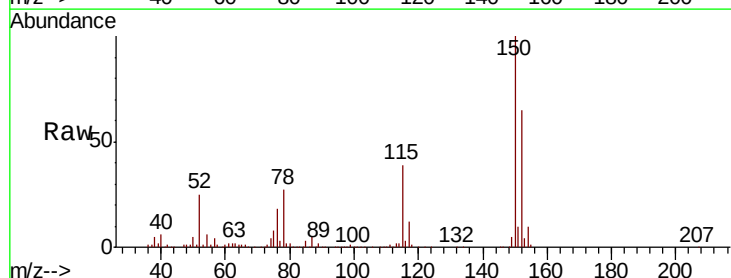
Instrument :
MSVOA_W
ClientSampleId :
SU-01-082819

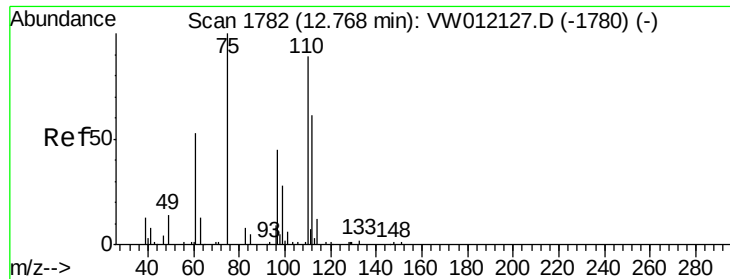
Tgt Ion:117 Resp: 356430
Ion Ratio Lower Upper
117 100
82 61.2 47.4 71.2
119 32.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012323.D
Acq: 30 Aug 2019 01:06

Tgt Ion:152 Resp: 144496
Ion Ratio Lower Upper
152 100
115 59.5 30.1 90.3
150 155.9 0.0 345.8

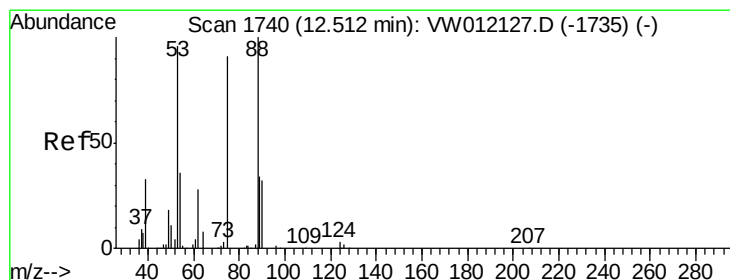
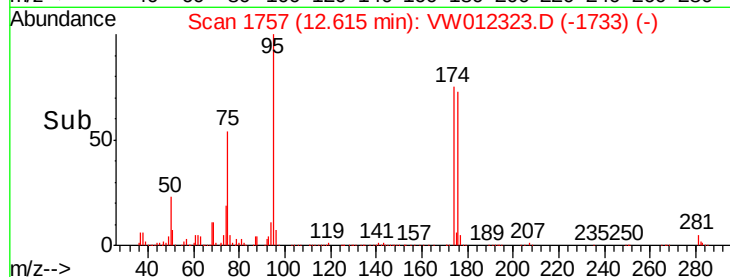
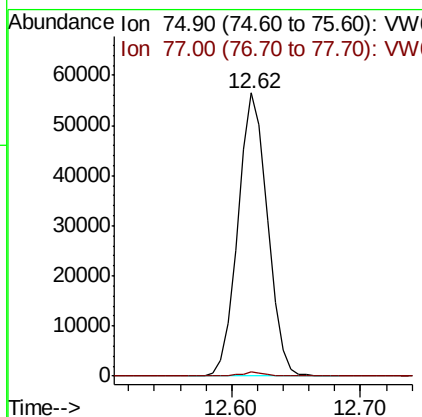
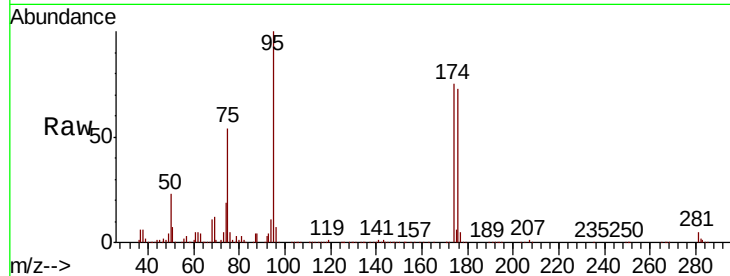




#76
 1,2,3-Trichloropropane
 Concen: 63.451 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW012323.D
 Acq: 30 Aug 2019 01:06

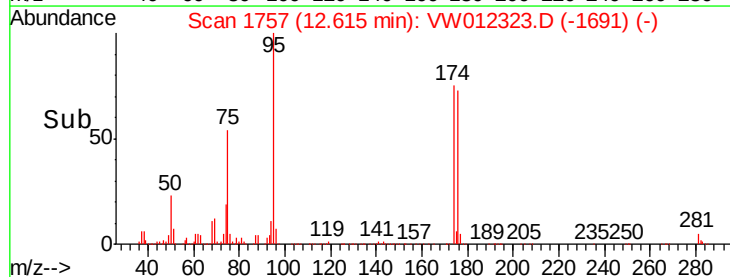
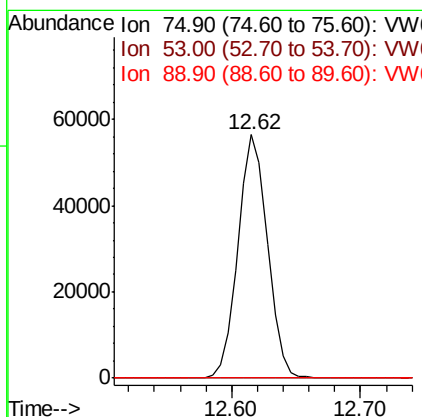
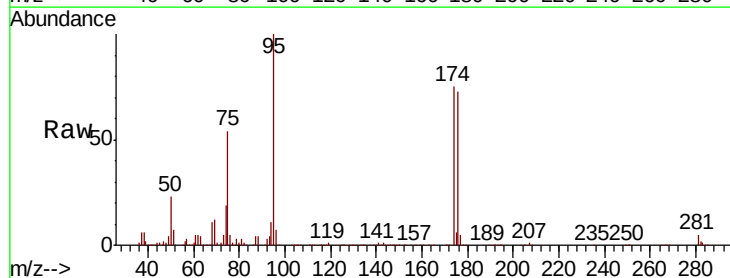
Instrument :
 MSVOA_W
 ClientSampleId :
 SU-01-082819

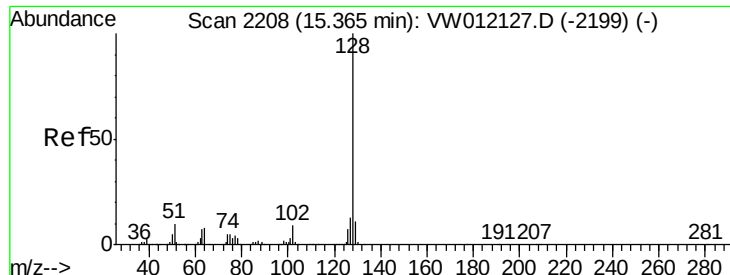
Tgt Ion: 75 Resp: 89294
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 139.119 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW012323.D
 Acq: 30 Aug 2019 01:06

Tgt Ion: 75 Resp: 89294
 Ion Ratio Lower Upper
 75 100
 53 0.0 89.4 134.0#
 89 0.0 34.5 51.7#





#95
Naphthalene
Concen: 4.473 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW012323.D
Acq: 30 Aug 2019 01:06

Instrument :
MSVOA_W
ClientSampleId :
SU-01-082819

Tgt Ion:128 Resp: 905
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 13.4 8.7 13.1#

