

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082719\
 Data File : VW012233.D
 Acq On : 28 Aug 2019 04:33
 Operator : SY/VA
 Sample : K4092-07
 Misc : 5.74G/5ML/MSVOA_W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-02-082619

Quant Time: Aug 28 07:27:57 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	293962	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	483294	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	407527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	165485	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	177560	50.81	ug/l	0.00
Spiked Amount			Recovery	=	101.62%	
35) Dibromofluoromethane	7.88	113	143038	49.58	ug/l	0.00
Spiked Amount			Recovery	=	99.16%	
50) Toluene-d8	10.32	98	592219	50.63	ug/l	0.00
Spiked Amount			Recovery	=	101.26%	
62) 4-Bromofluorobenzene	12.62	95	192506	46.69	ug/l	0.00
Spiked Amount			Recovery	=	93.38%	

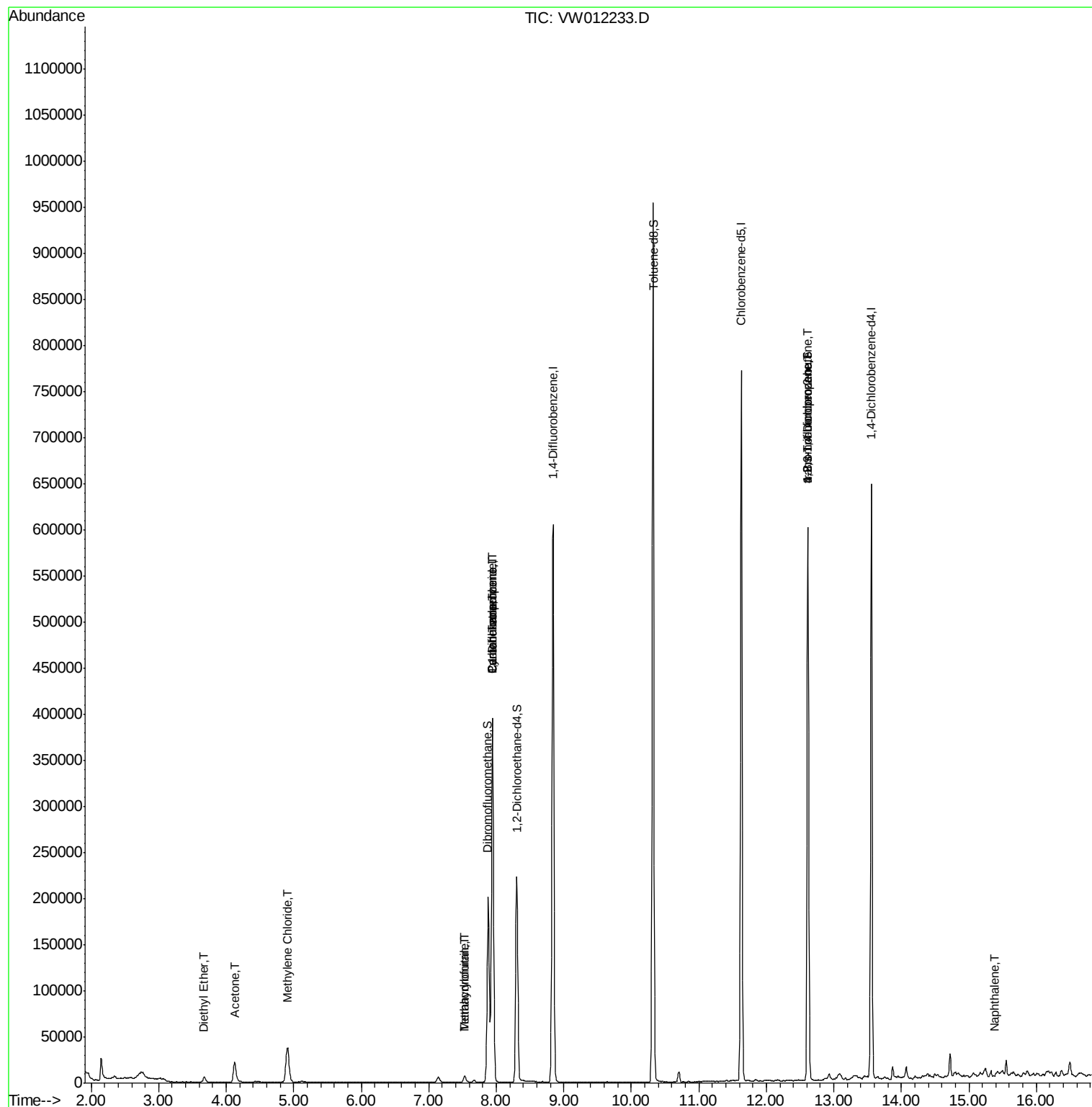
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	2957	1.808	ug/l	73
16) Acetone	4.12	43	43170	48.328	ug/l	99
20) Methylene Chloride	4.91	84	27236	8.065	ug/l	93
29) Tetrahydrofuran	7.54	42	5878	8.071	ug/l #	93
31) Cyclohexane	7.94	56	7064	1.122	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	25739	5.154	ug/l #	52
38) Carbon Tetrachloride	7.95	117	28978	6.704	ug/l #	16
41) Methacrylonitrile	7.54	41	3561	2.214	ug/l #	58
76) 1,2,3-Trichloropropane	12.62	75	101108	62.734	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	101108	137.546	ug/l #	6
95) Naphthalene	15.37	128	553	4.402	ug/l #	51

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW082719\
Data File : VW012233.D
Acq On : 28 Aug 2019 04:33
Operator : SY/VA
Sample : K4092-07
Misc : 5.74G/5ML/MSVOA_W/SOIL
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EO-02-082619

Quant Time: Aug 28 07:27:57 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: VW012233.D

Acq: 28 Aug 2019 04:33

Instrument :

MSVOA_W

ClientSampleId :

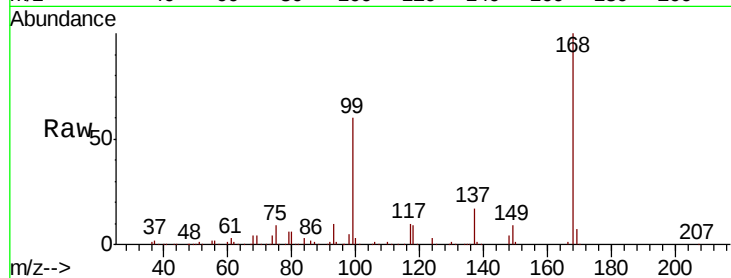
EO-02-082619

Tgt Ion:168 Resp: 293962

Ion Ratio Lower Upper

168 100

99 59.8 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

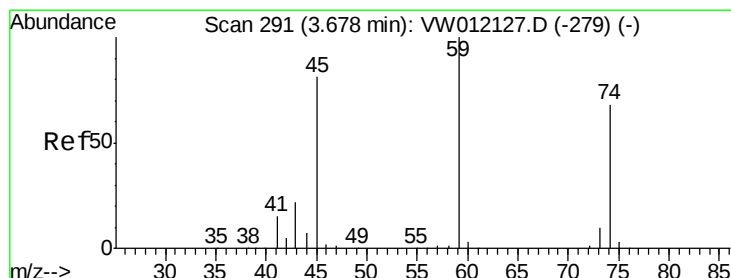
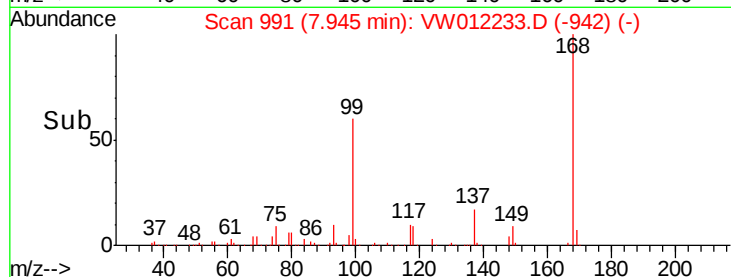
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.808 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VW012233.D

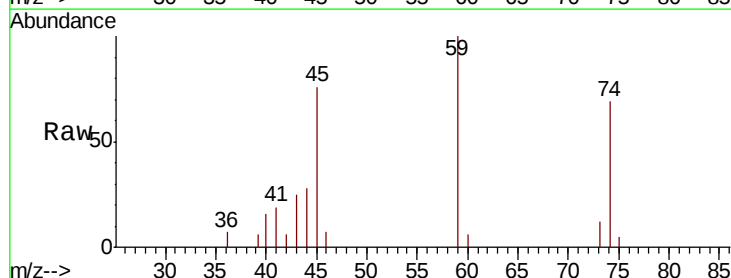
Acq: 28 Aug 2019 04:33

Tgt Ion: 74 Resp: 2957

Ion Ratio Lower Upper

74 100

45 147.9 59.2 177.6



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

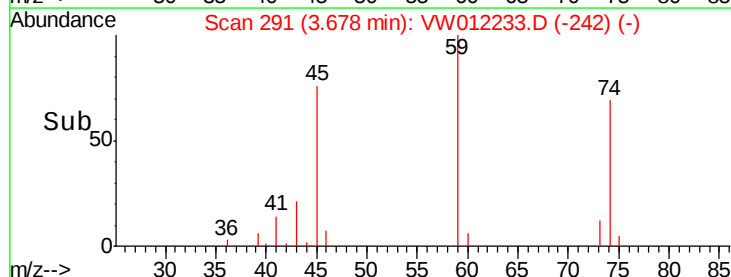
1500

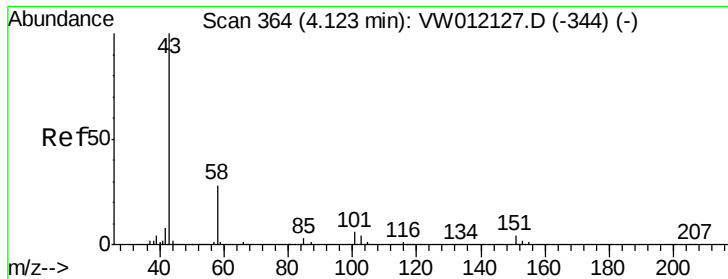
1000

500

0

Time-->





#16

Acetone

Concen: 48.328 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW012233.D

Acq: 28 Aug 2019 04:33

Instrument :

MSVOA_W

ClientSampleId :

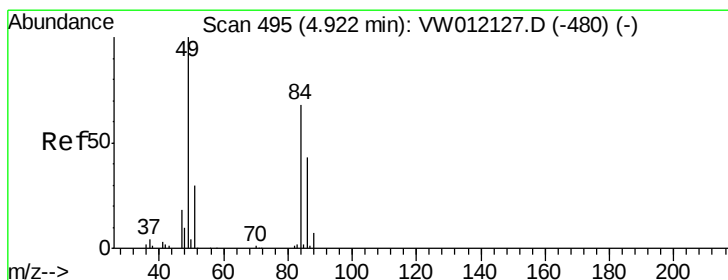
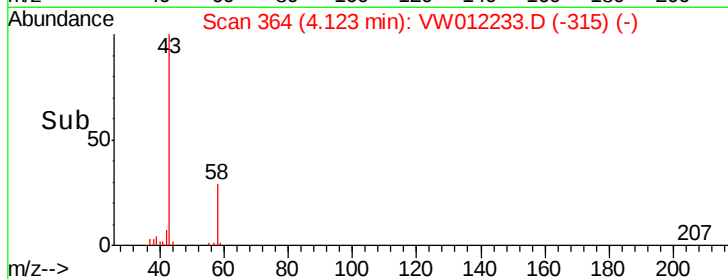
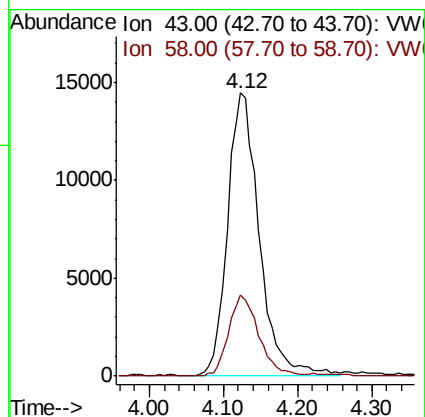
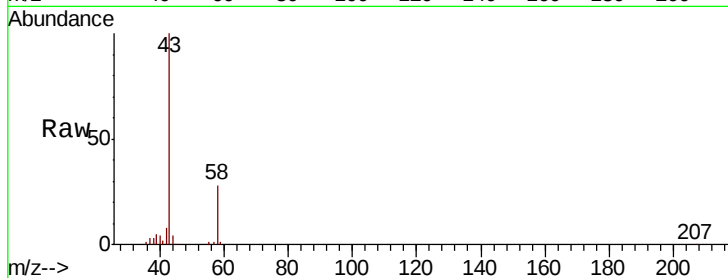
EO-02-082619

Tgt Ion: 43 Resp: 43170

Ion Ratio Lower Upper

43 100

58 28.5 22.4 33.6



#20

Methylene Chloride

Concen: 8.065 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012233.D

Acq: 28 Aug 2019 04:33

Tgt Ion: 84 Resp: 27236

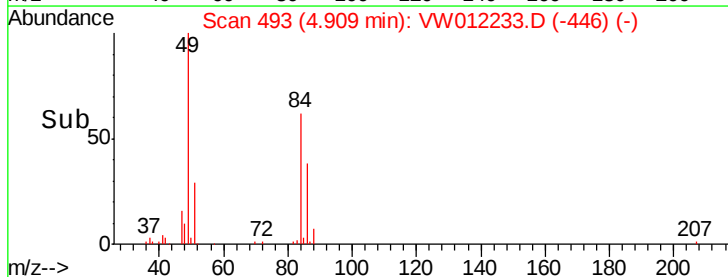
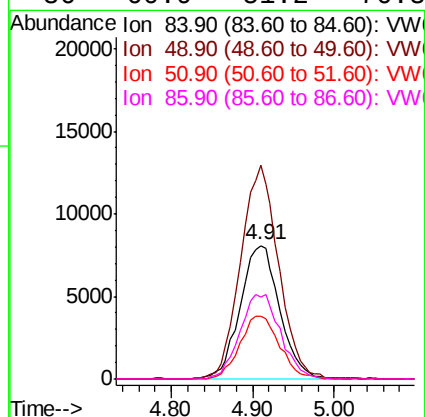
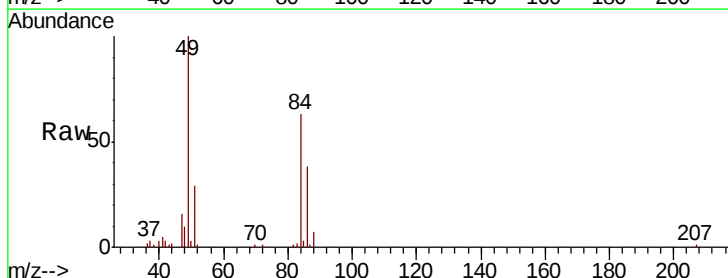
Ion Ratio Lower Upper

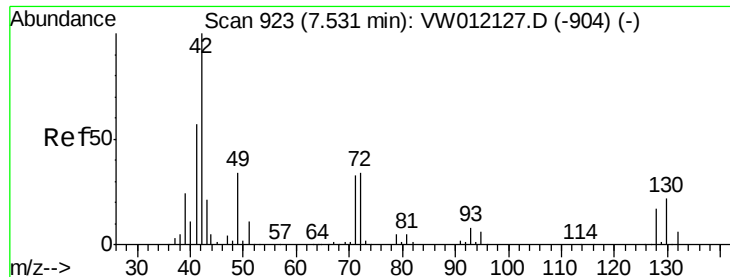
84 100

49 159.7 117.8 176.8

51 46.6 35.6 53.4

86 60.9 51.2 76.8





#29

Tetrahydrofuran

Concen: 8.071 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012233.D

Acq: 28 Aug 2019 04:33

Instrument :

MSVOA_W

ClientSampleId :

EO-02-082619

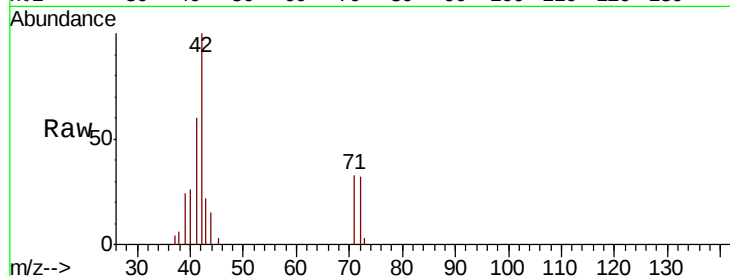
Tgt Ion: 42 Resp: 5878

Ion Ratio Lower Upper

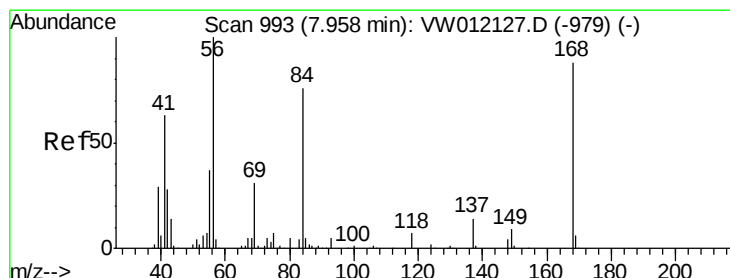
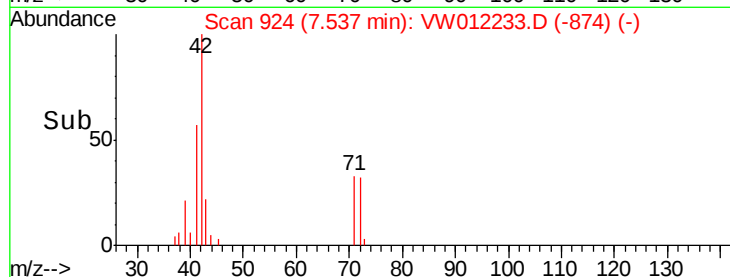
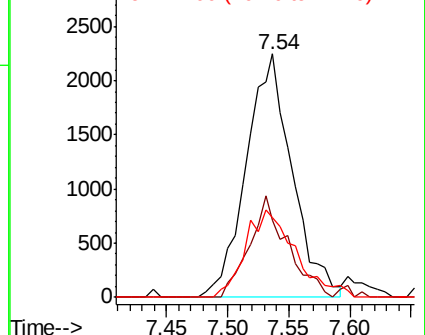
42 100

72 34.6 27.3 40.9

71 39.1 25.5 38.3#



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#31

Cyclohexane

Concen: 1.122 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.02 min

Lab File: VW012233.D

Acq: 28 Aug 2019 04:33

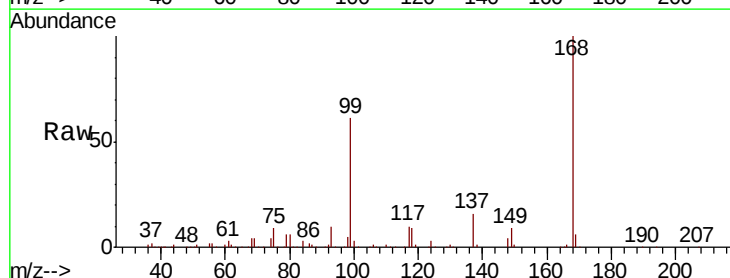
Tgt Ion: 56 Resp: 7064

Ion Ratio Lower Upper

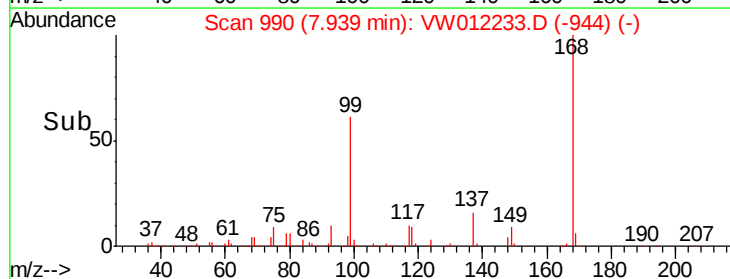
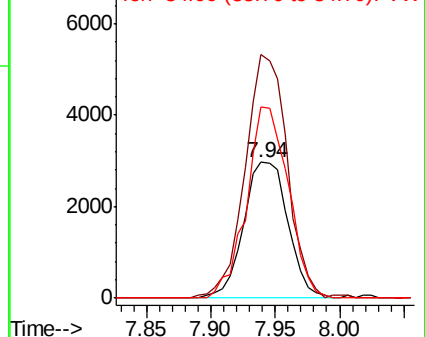
56 100

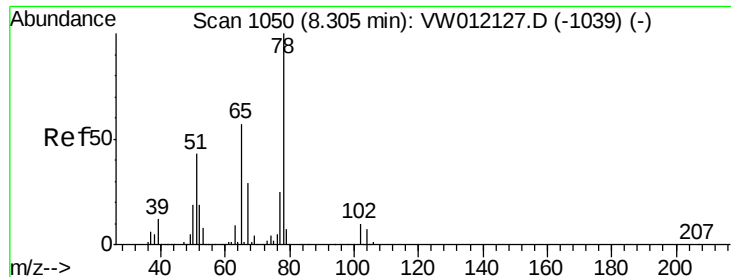
69 179.1 24.9 37.3#

84 140.8 60.6 90.8#



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

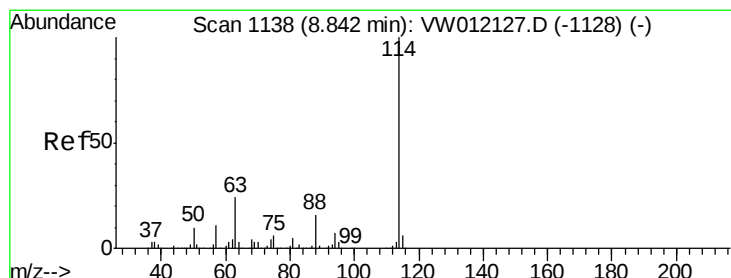
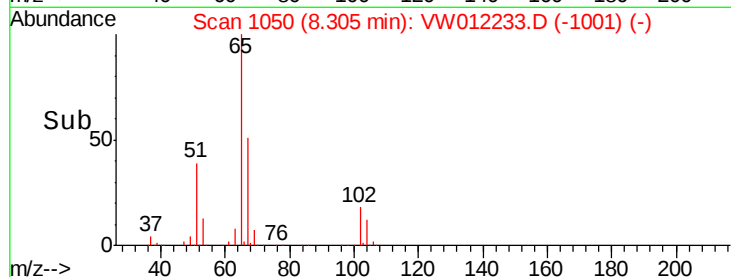
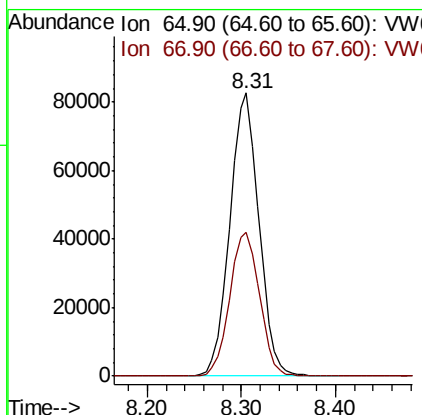
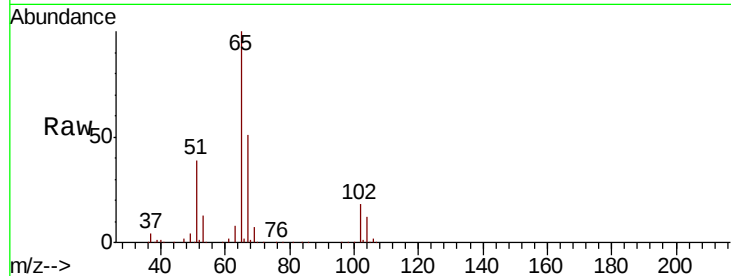




#33
 1,2-Dichloroethane-d4
 Concen: 50.811 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012233.D
 Acq: 28 Aug 2019 04:33

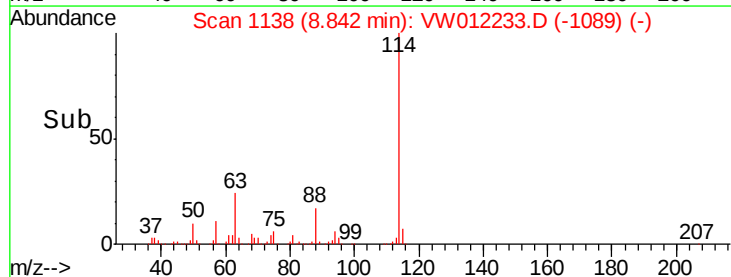
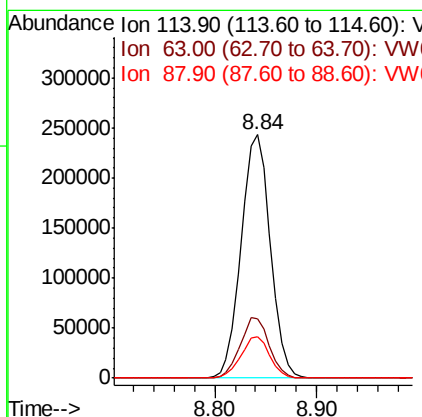
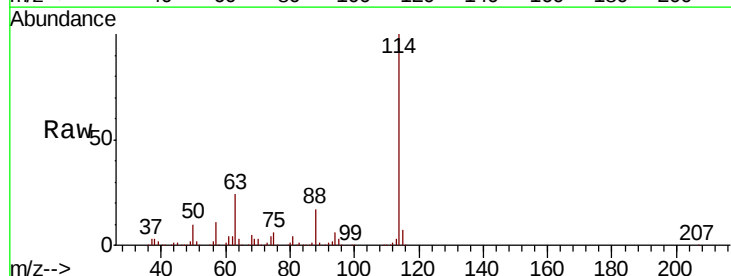
Instrument :
 MSVOA_W
 ClientSampleId :
 EO-02-082619

Tgt Ion: 65 Resp: 177560
 Ion Ratio Lower Upper
 65 100
 67 52.3 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: VW012233.D
 Acq: 28 Aug 2019 04:33

Tgt Ion: 114 Resp: 483294
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 48.6
 88 16.8 0.0 32.2

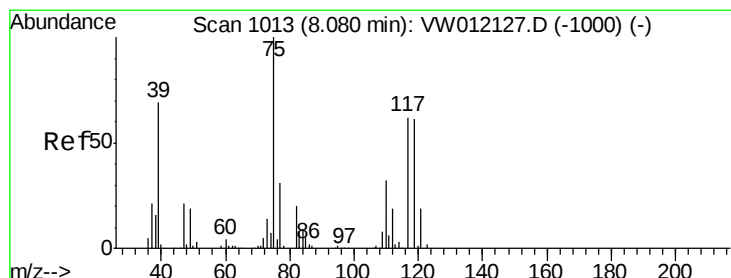
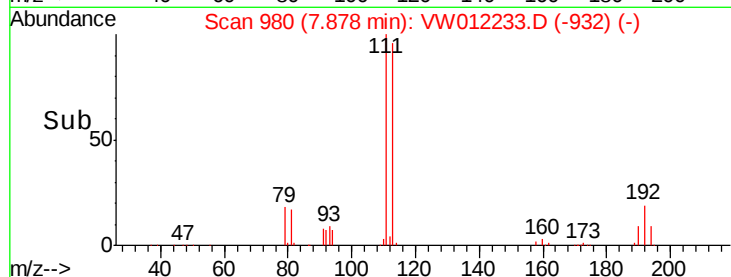
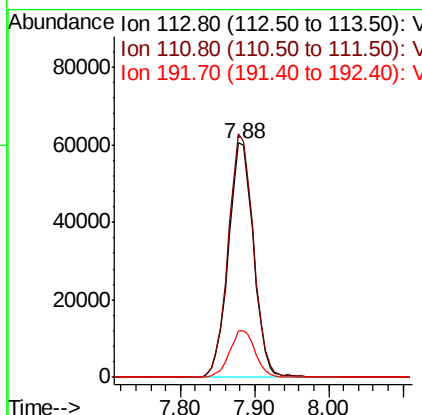
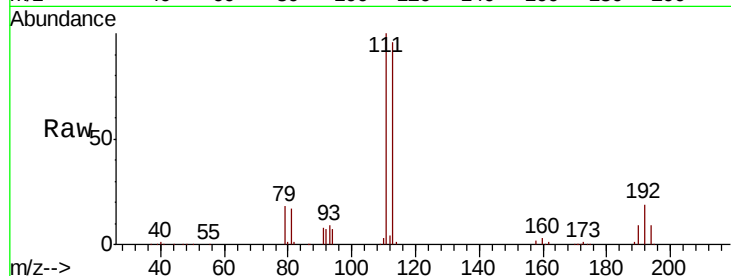




#35
 Dibromofluoromethane
 Concen: 49.583 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012233.D
 Acq: 28 Aug 2019 04:33

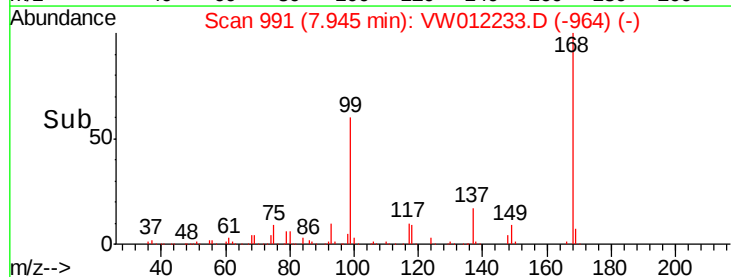
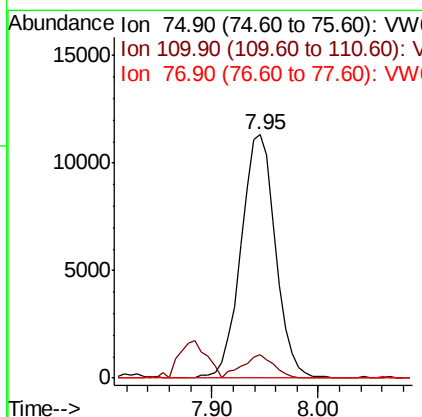
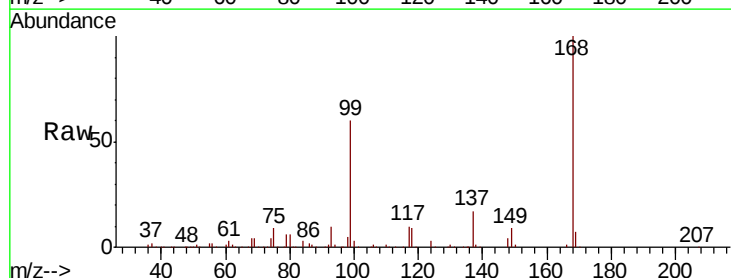
Instrument :
 MSVOA_W
 ClientSampleId :
 EO-02-082619

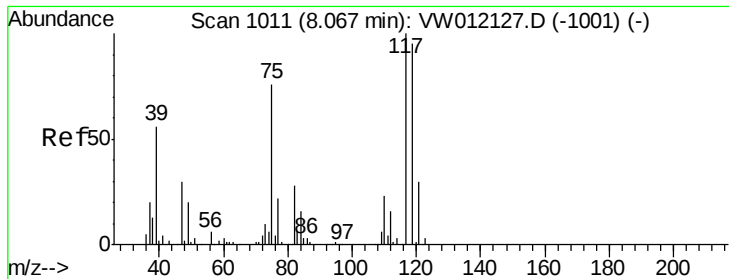
Tgt Ion:113 Resp: 143038
 Ion Ratio Lower Upper
 113 100
 111 104.4 82.7 124.1
 192 20.3 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 5.154 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012233.D
 Acq: 28 Aug 2019 04:33

Tgt Ion: 75 Resp: 25739
 Ion Ratio Lower Upper
 75 100
 110 8.7 15.6 46.8#
 77 0.0 24.6 36.8#

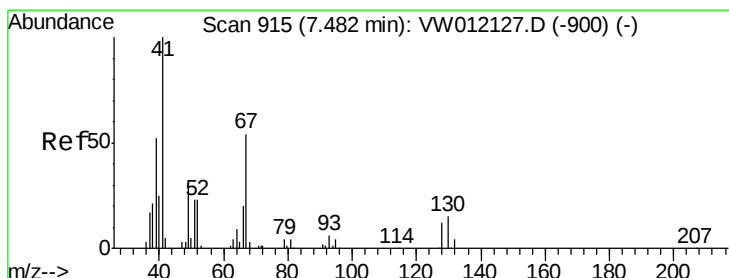
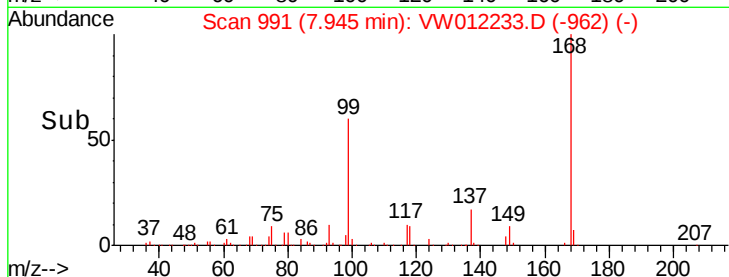
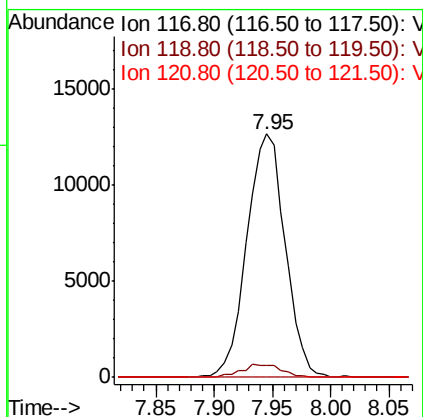
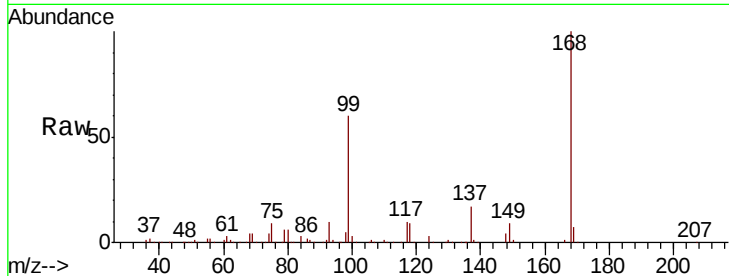




#38
Carbon Tetrachloride
Concen: 6.704 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW012233.D
Acq: 28 Aug 2019 04:33

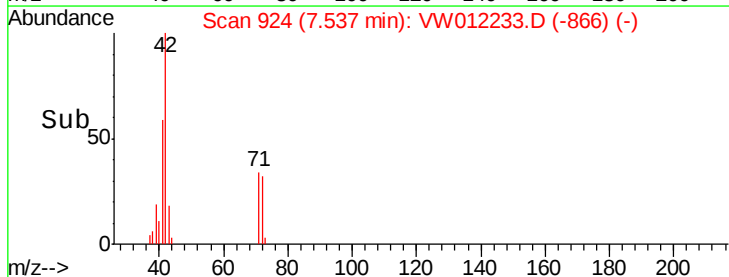
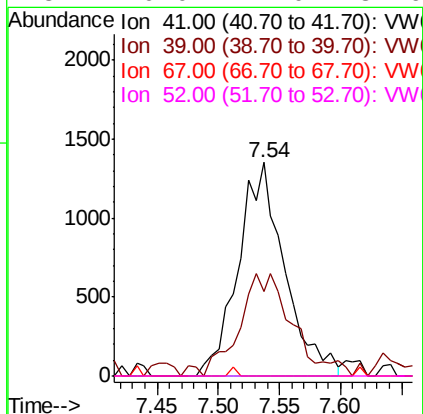
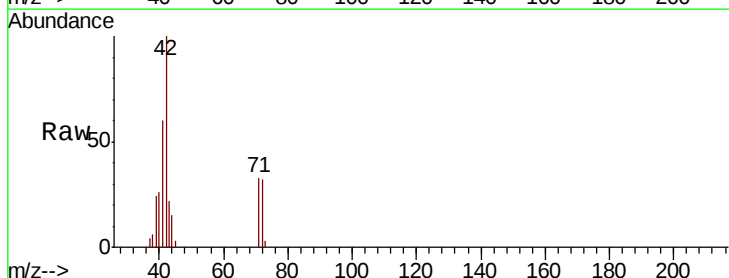
Instrument :
MSVOA_W
ClientSampleId :
EO-02-082619

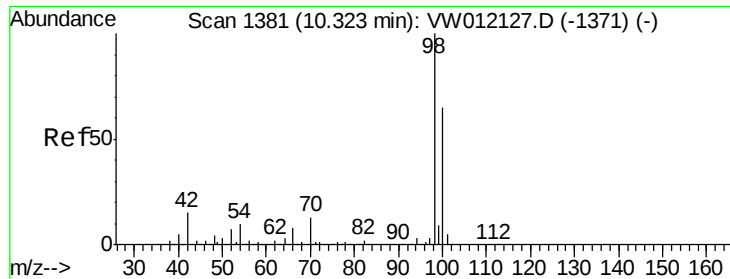
Tgt Ion: 117 Resp: 28978
Ion Ratio Lower Upper
117 100
119 4.8 76.2 114.2#
121 0.0 23.8 35.8#



#41
Methacrylonitrile
Concen: 2.214 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.05 min
Lab File: VW012233.D
Acq: 28 Aug 2019 04:33

Tgt Ion: 41 Resp: 3561
Ion Ratio Lower Upper
41 100
39 56.1 45.8 68.8
67 0.0 46.2 69.4#
52 0.0 21.0 31.6#





#50

Toluene-d8

Concen: 50.630 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012233.D

Acq: 28 Aug 2019 04:33

Instrument :

MSVOA_W

ClientSampleId :

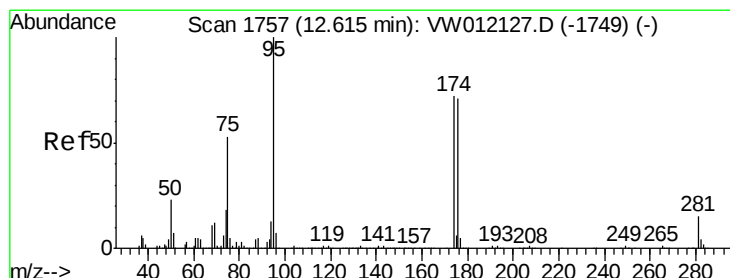
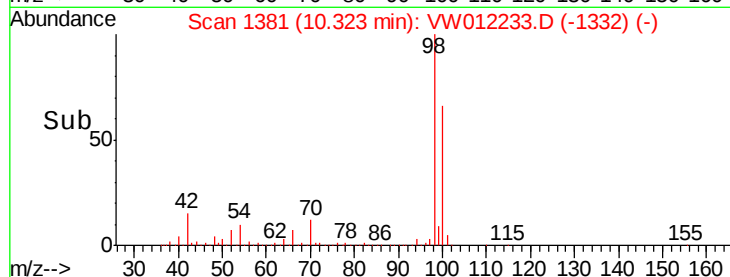
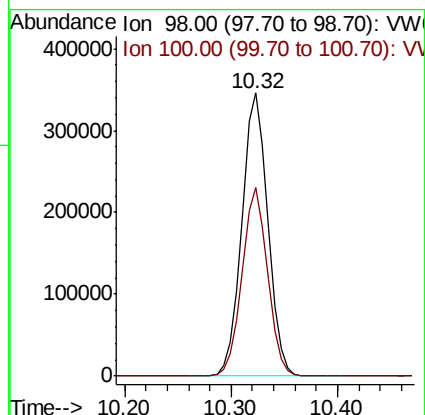
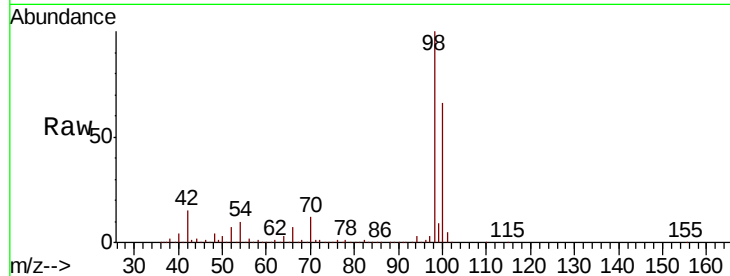
EO-02-082619

Tgt Ion: 98 Resp: 592219

Ion Ratio Lower Upper

98 100

100 65.6 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 46.689 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012233.D

Acq: 28 Aug 2019 04:33

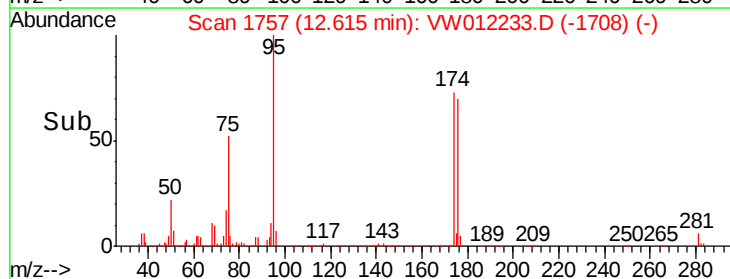
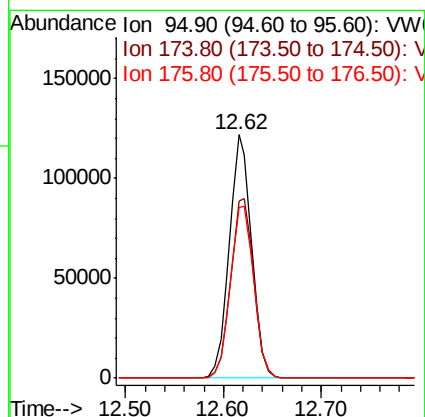
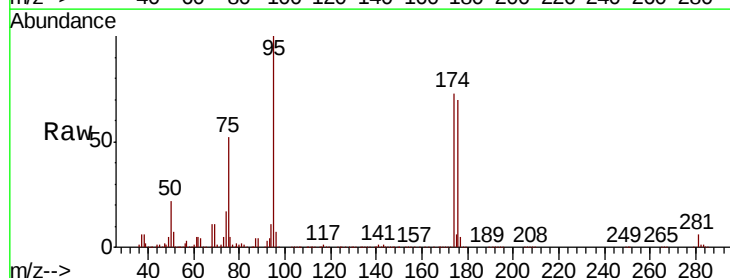
Tgt Ion: 95 Resp: 192506

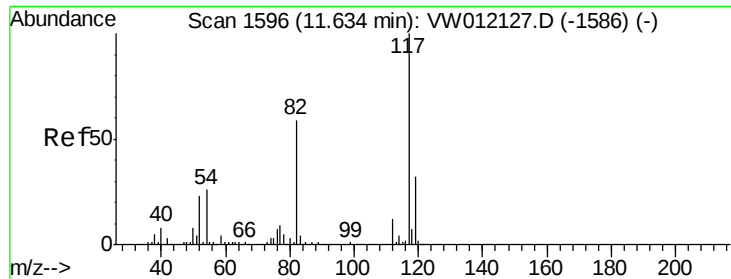
Ion Ratio Lower Upper

95 100

174 76.4 0.0 150.8

176 74.2 0.0 148.6

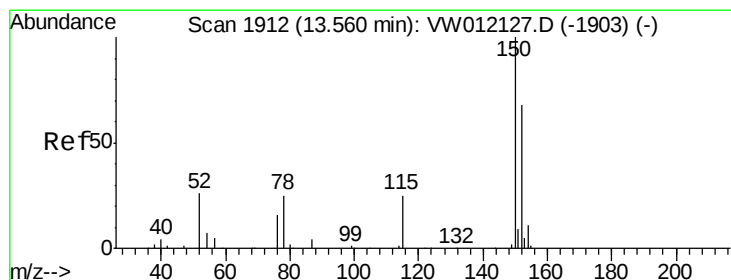
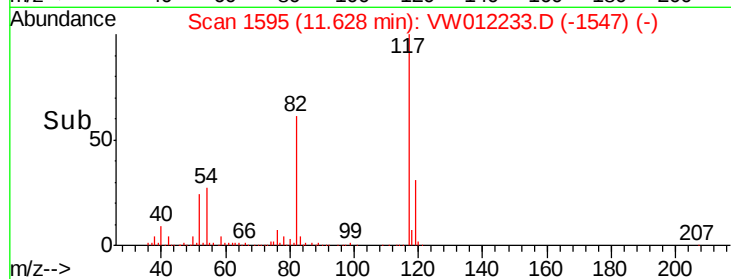
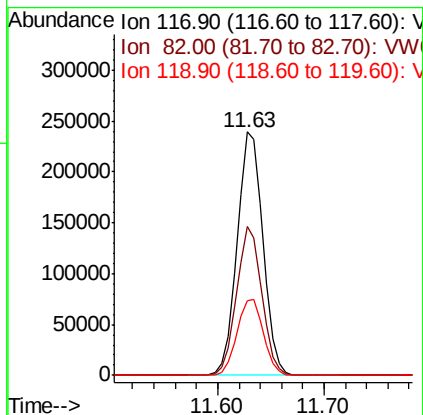
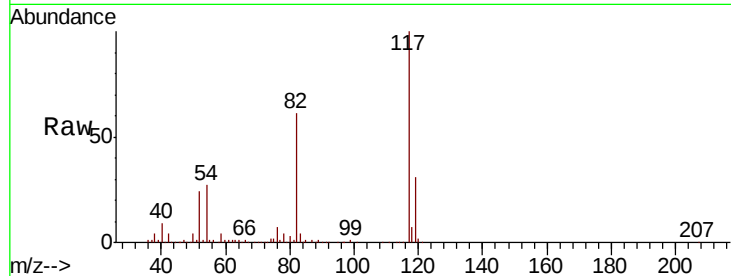




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012233.D
Acq: 28 Aug 2019 04:33

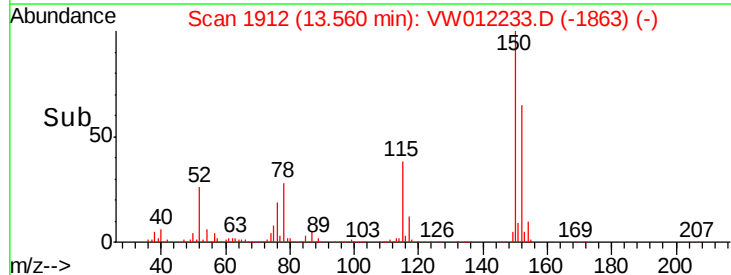
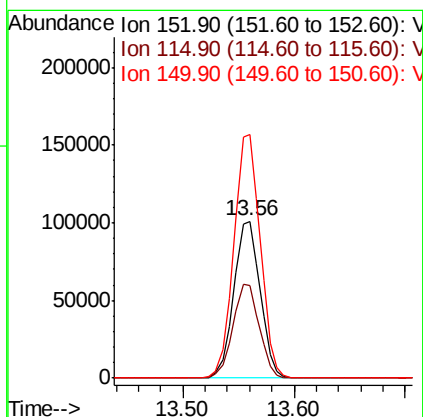
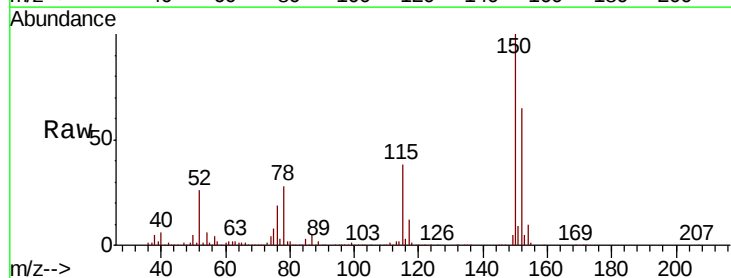
Instrument :
MSVOA_W
ClientSampleId :
EO-02-082619

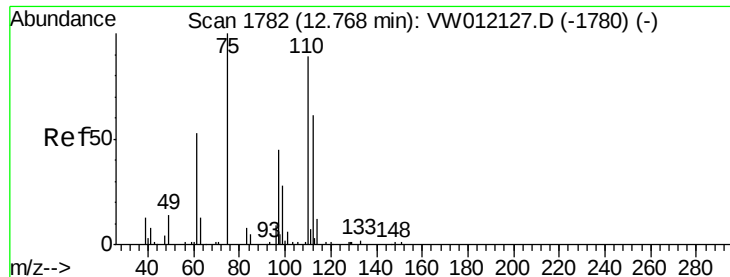
Tgt Ion:117 Resp: 407527
Ion Ratio Lower Upper
117 100
82 60.9 47.4 71.2
119 30.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012233.D
Acq: 28 Aug 2019 04:33

Tgt Ion:152 Resp: 165485
Ion Ratio Lower Upper
152 100
115 59.6 30.1 90.3
150 154.8 0.0 345.8

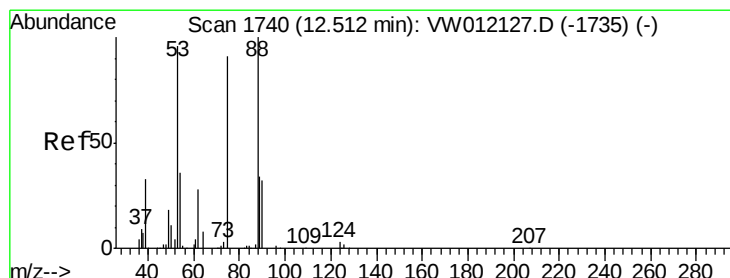
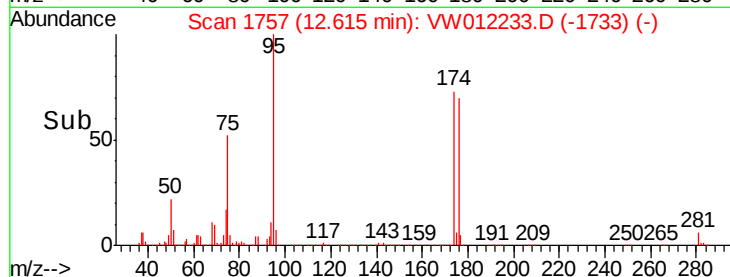
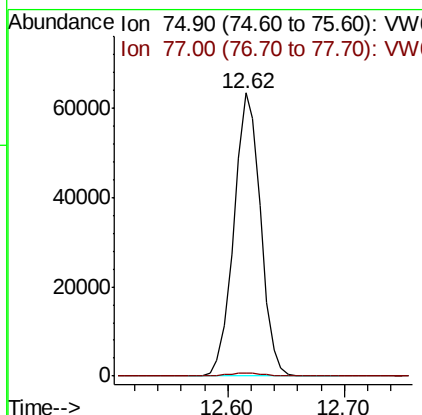
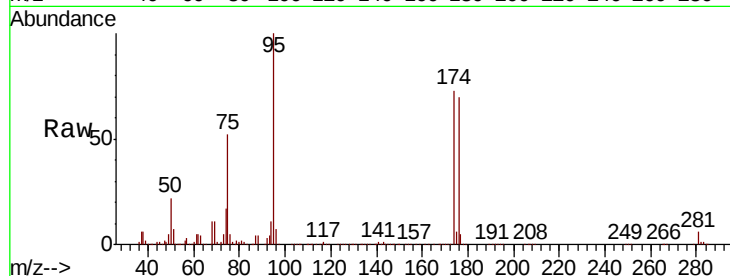




#76
 1,2,3-Trichloropropane
 Concen: 62.734 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW012233.D
 Acq: 28 Aug 2019 04:33

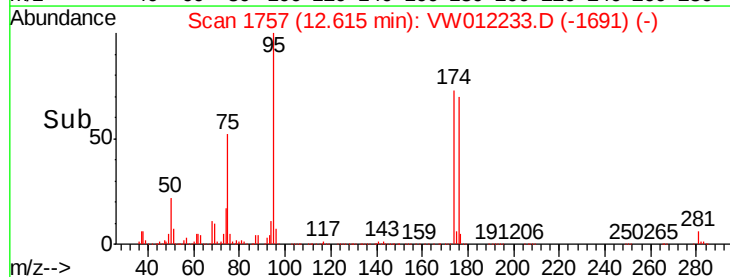
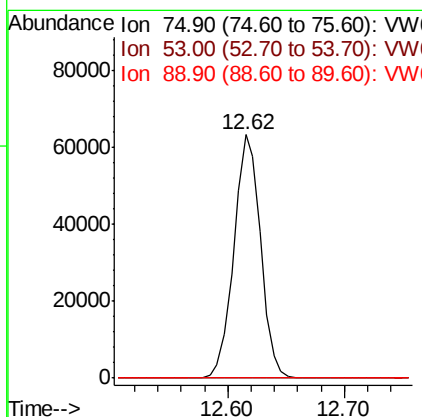
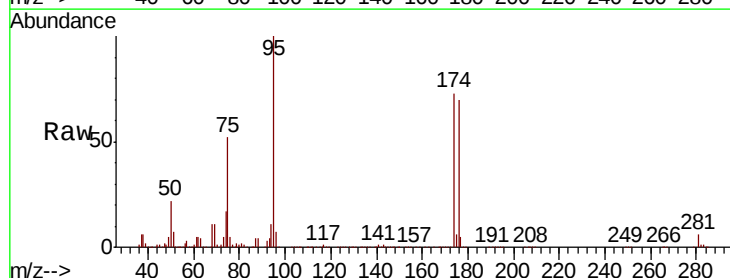
Instrument :
 MSVOA_W
 ClientSampleId :
 EO-02-082619

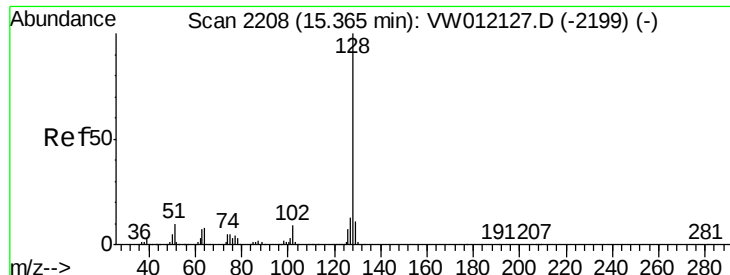
Tgt Ion: 75 Resp: 101108
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 137.546 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW012233.D
 Acq: 28 Aug 2019 04:33

Tgt Ion: 75 Resp: 101108
 Ion Ratio Lower Upper
 75 100
 53 0.3 89.4 134.0#
 89 0.0 34.5 51.7#

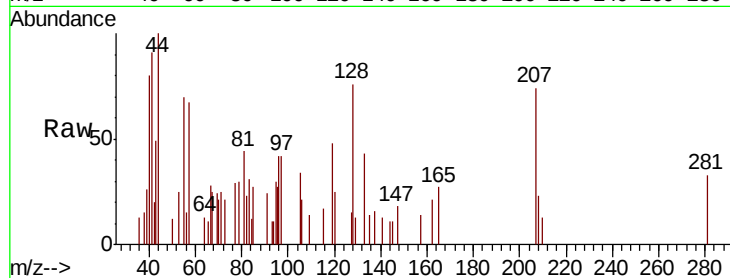




#95
Naphthalene
Concen: 4.402 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW012233.D
Acq: 28 Aug 2019 04:33

Instrument :
MSVOA_W
ClientSampleId :
EO-02-082619

Tgt Ion:128 Resp: 553
Ion Ratio Lower Upper
128 100
127 21.0 10.7 16.1#
129 43.4 8.7 13.1#



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

