

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090519\
 Data File : VW012632.D
 Acq On : 05 Sep 2019 11:12
 Operator : SY/VA
 Sample : VW0905SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 05 15:46:15 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	222798	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	360481	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	308432	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	132357	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	142064	53.64	ug/l	0.00
Spiked Amount			Recovery	=	107.28%	
35) Dibromofluoromethane	7.88	113	112074	52.09	ug/l	0.00
Spiked Amount			Recovery	=	104.18%	
50) Toluene-d8	10.32	98	438645	50.28	ug/l	0.00
Spiked Amount			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	12.62	95	147109	47.83	ug/l	0.00
Spiked Amount			Recovery	=	95.66%	

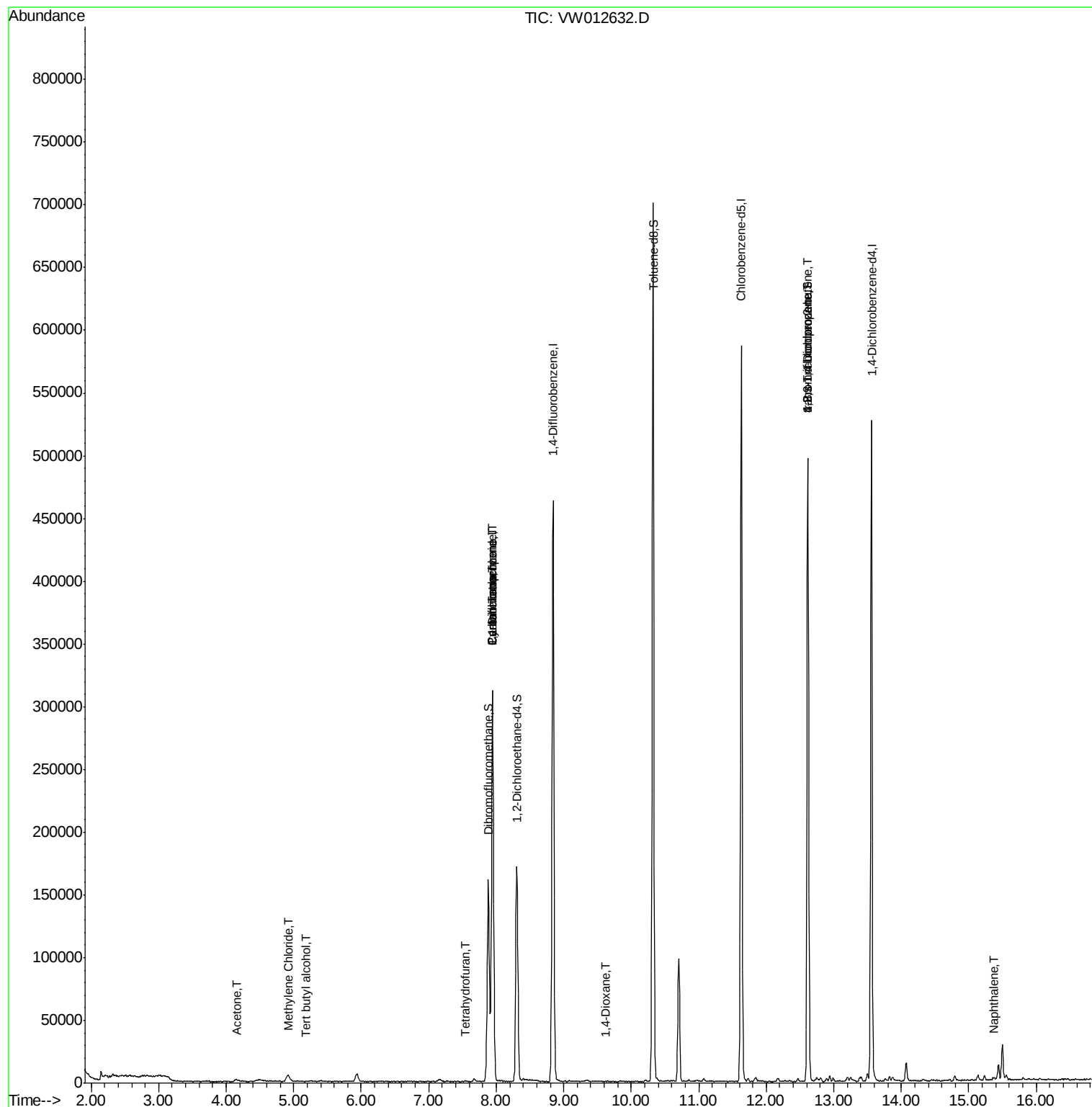
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	184	1.154	ug/l #	94
16) Acetone	4.15	43	4130	6.100	ug/l	96
20) Methylene Chloride	4.92	84	3880	1.516	ug/l	91
29) Tetrahydrofuran	7.55	42	605	1.096	ug/l #	71
31) Cyclohexane	7.94	56	5843	1.225	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	19021	5.106	ug/l #	52
38) Carbon Tetrachloride	7.95	117	23598	7.319	ug/l #	16
49) 1,4-Dioxane	9.62	88	45	2.413	ug/l #	65
76) 1,2,3-Trichloropropane	12.62	75	80097	62.136	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	80097	136.235	ug/l #	6
95) Naphthalene	15.38	128	1921	4.673	ug/l #	86

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090519\
Data File : VW012632.D
Acq On : 05 Sep 2019 11:12
Operator : SY/VA
Sample : VW0905SBL01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Sep 05 15:46:15 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: VW012632.D

Acq: 05 Sep 2019 11:12

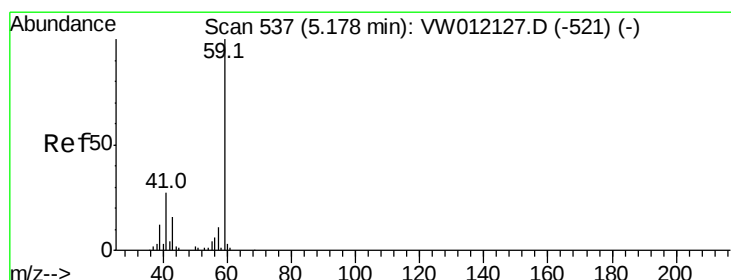
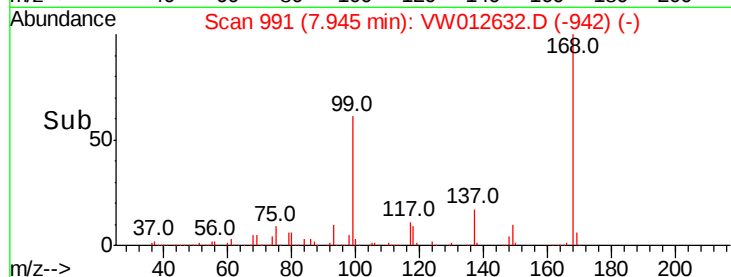
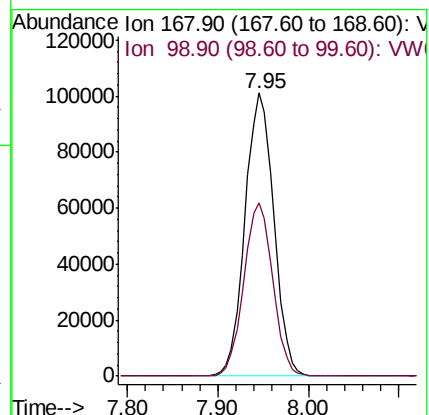
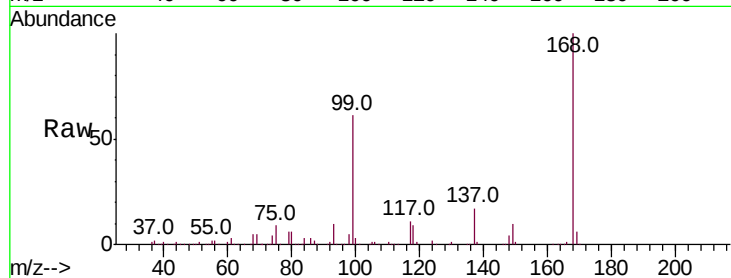
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 222798

Ion Ratio Lower Upper

168 100

99 61.4 49.2 73.8



#11

Tert butyl alcohol

Concen: 1.154 ug/l

RT: 5.18 min Scan# 538

Delta R.T. 0.01 min

Lab File: VW012632.D

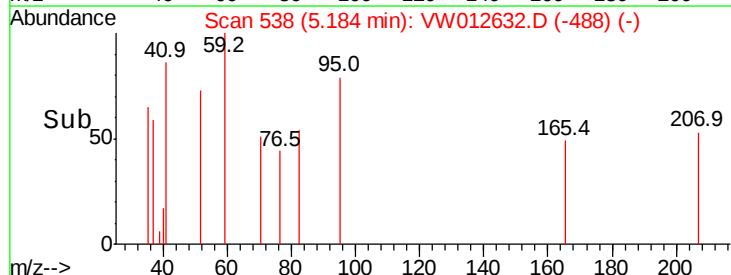
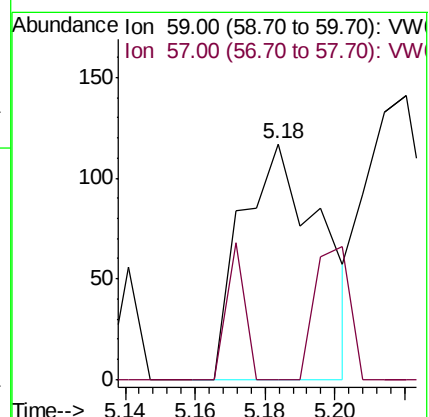
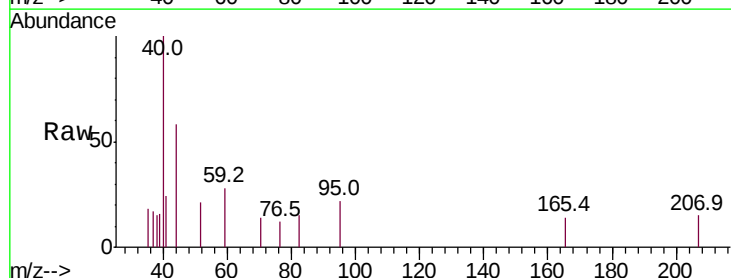
Acq: 05 Sep 2019 11:12

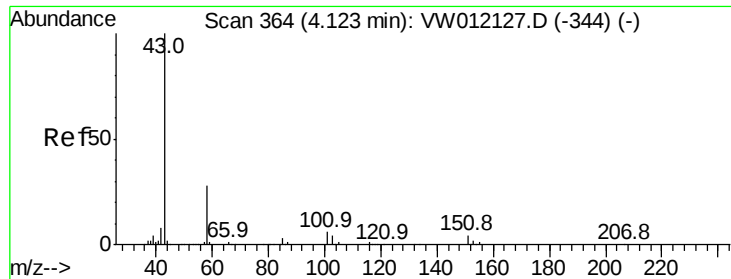
Tgt Ion: 59 Resp: 184

Ion Ratio Lower Upper

59 100

57 13.6 9.0 13.4#

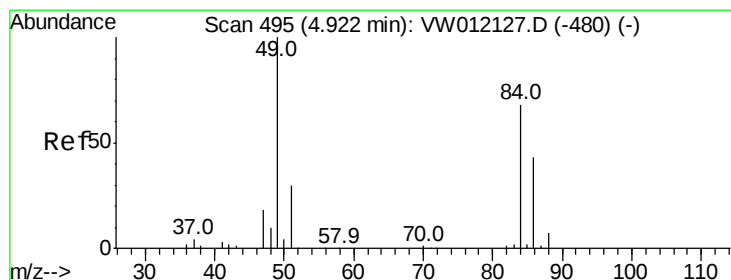
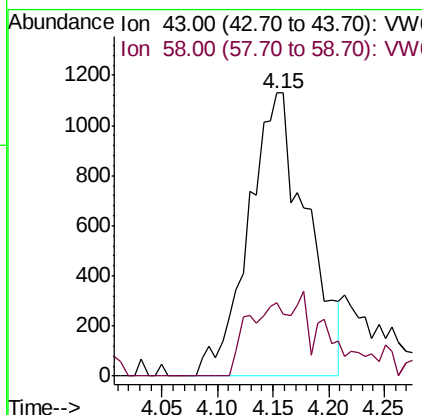
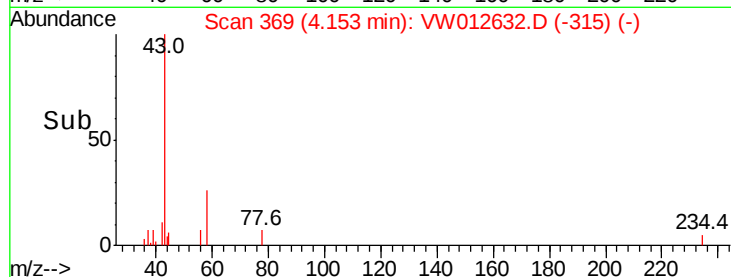
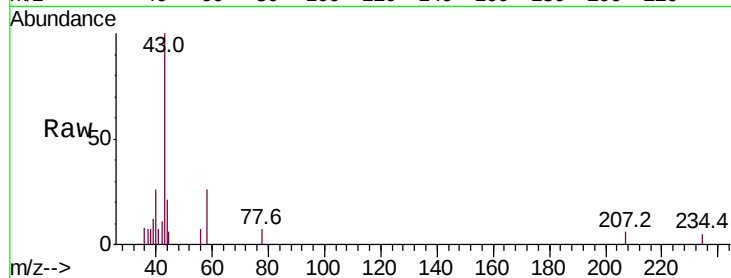




#16
Acetone
Concen: 6.100 ug/l
RT: 4.15 min Scan# 369
Delta R.T. 0.03 min
Lab File: VW012632.D
Acq: 05 Sep 2019 11:12

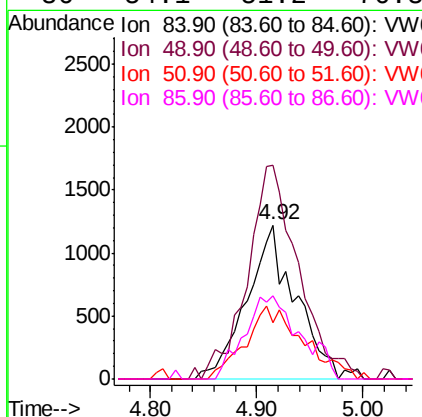
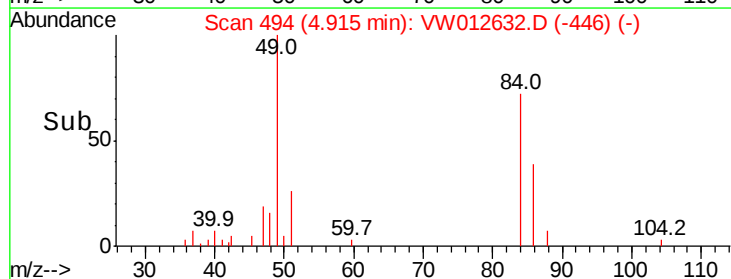
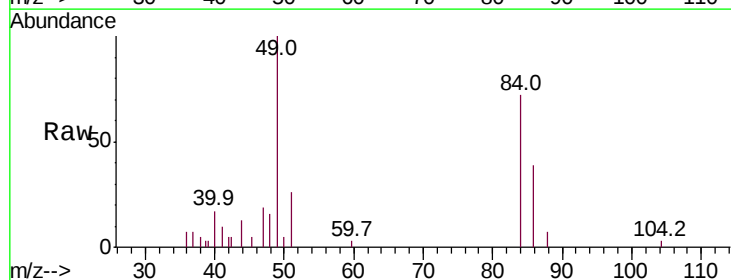
Instrument :
MSVOA_W
ClientSampleId :

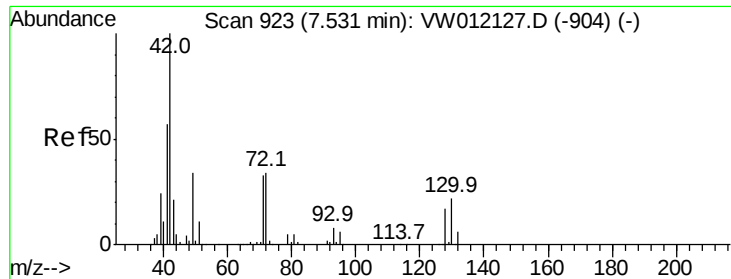
Tot Ion: 43 Resp: 4130
Ion Ratio Lower Upper
43 100
58 25.8 22.4 33.6



#20
Methylene Chloride
Concen: 1.516 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012632.D
Acq: 05 Sep 2019 11:12

Tgt Ion: 84 Resp: 3880
Ion Ratio Lower Upper
84 100
49 138.6 117.8 176.8
51 36.5 35.6 53.4
86 54.1 51.2 76.8

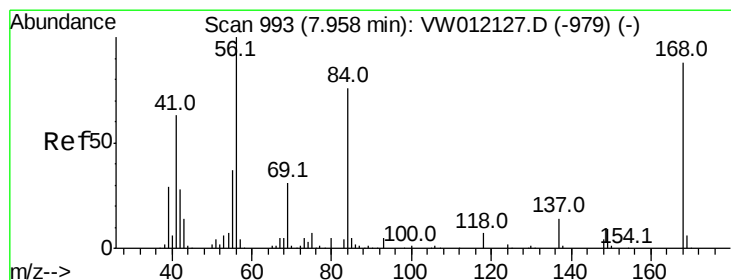
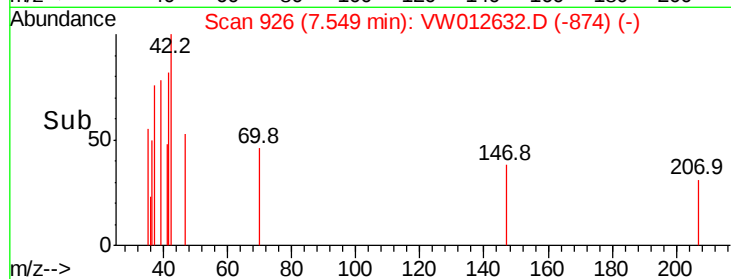
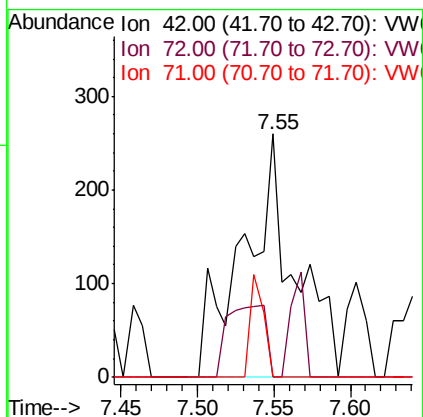
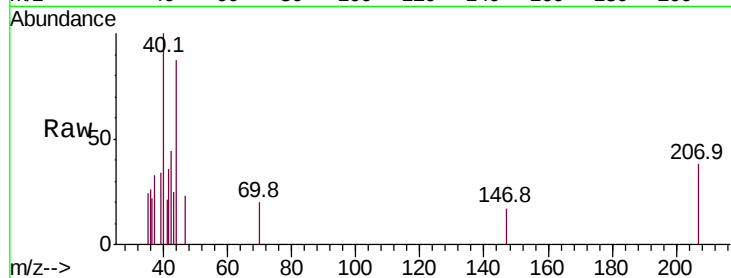




#29
Tetrahydrofuran
Concen: 1.096 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.02 min
Lab File: VW012632.D
Acq: 05 Sep 2019 11:12

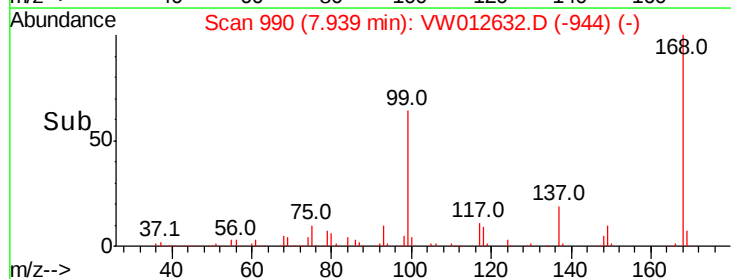
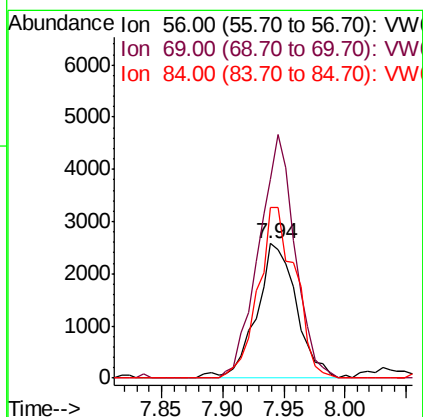
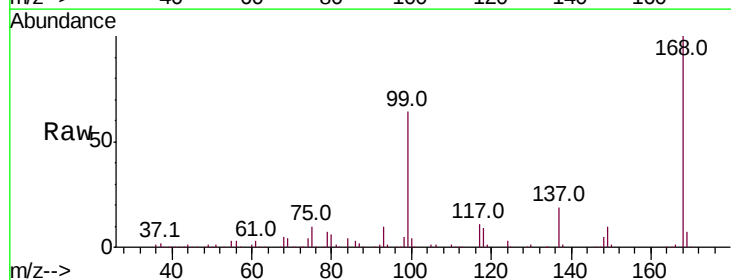
Instrument :
MSVOA_W
ClientSampled :

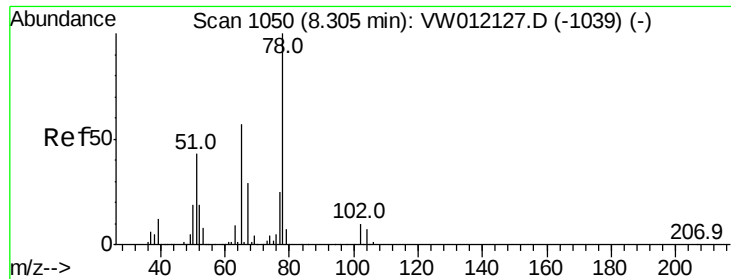
Tot Ion: 42 Resp: 605
Ion Ratio Lower Upper
42 100
72 22.0 27.3 40.9#
71 10.7 25.5 38.3#



#31
Cyclohexane
Concen: 1.225 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.02 min
Lab File: VW012632.D
Acq: 05 Sep 2019 11:12

Tgt Ion: 56 Resp: 5843
Ion Ratio Lower Upper
56 100
69 148.0 24.9 37.3#
84 127.1 60.6 90.8#





#33

1,2-Dichloroethane-d4

Concen: 53.639 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

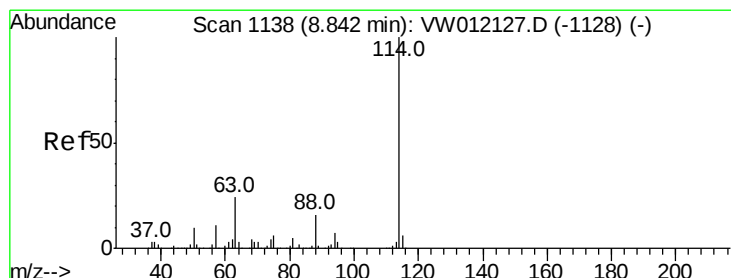
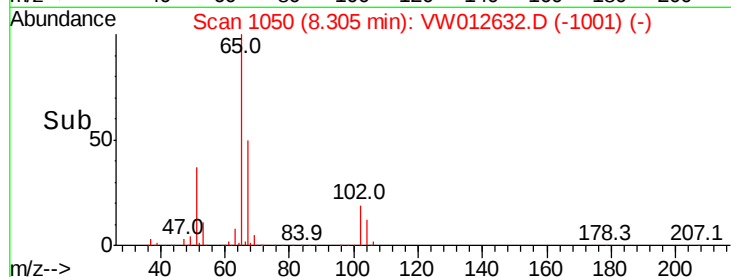
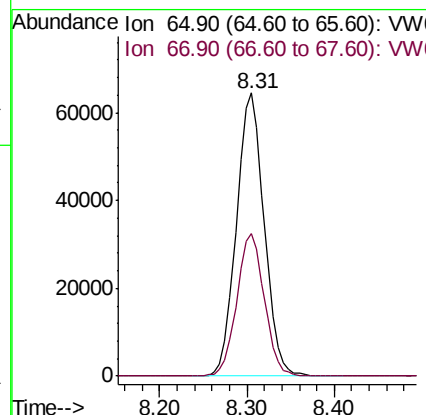
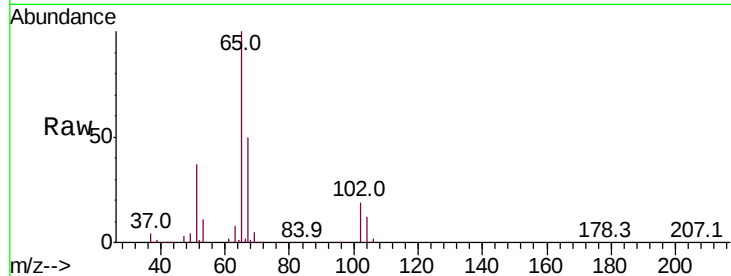
Lab File: VW012632.D

Acq: 05 Sep 2019 11:12

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 65 Resp: 142064

Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

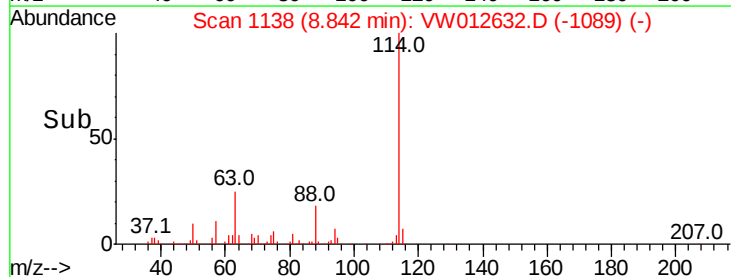
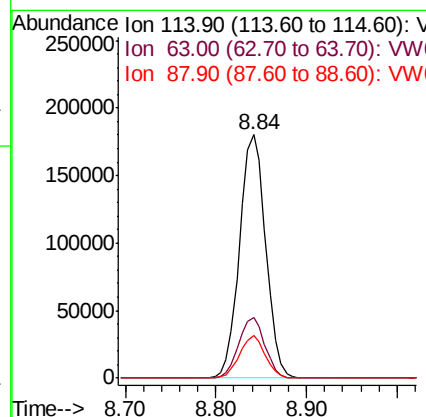
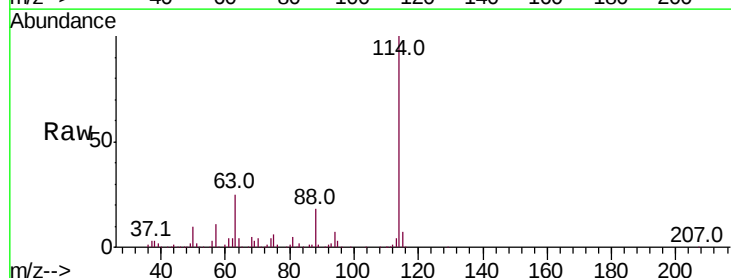
Delta R.T. -0.00 min

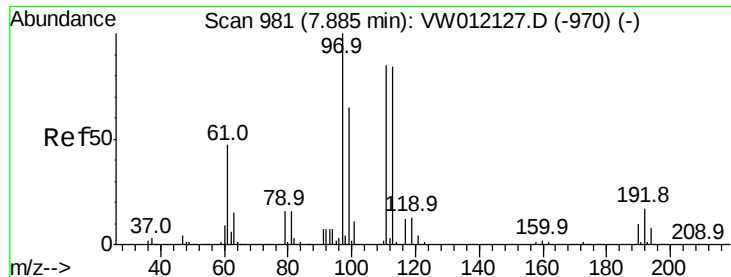
Lab File: VW012632.D

Acq: 05 Sep 2019 11:12

Tgt Ion: 114 Resp: 360481

Ion	Ratio	Lower	Upper
114	100		
63	24.8	0.0	48.6
88	17.5	0.0	32.2





#35

Dibromofluoromethane

Concen: 52.086 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012632.D

Acq: 05 Sep 2019 11:12

Instrument :
MSVOA_W
ClientSampleId :

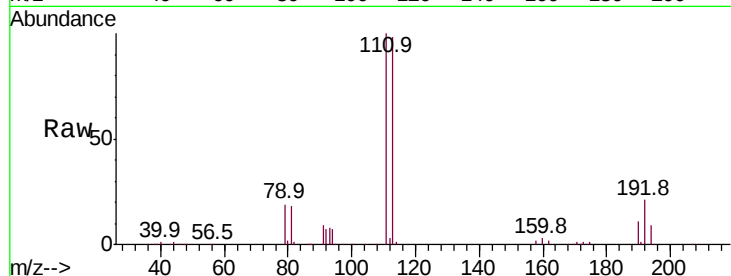
Tot Ion:113 Resp: 112074

Ion Ratio Lower Upper

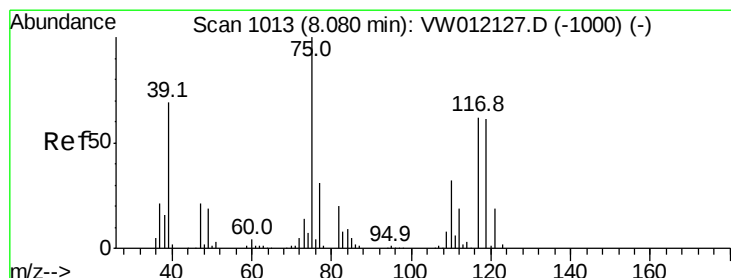
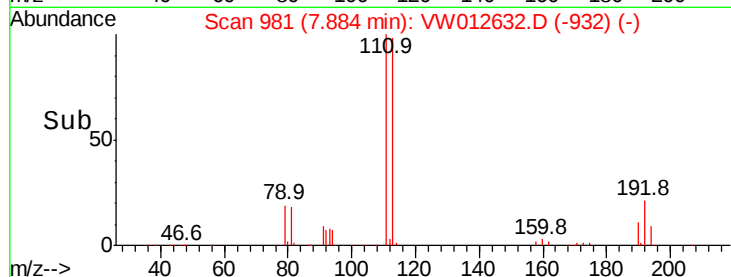
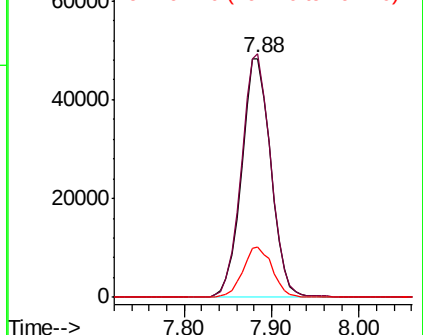
113 100

111 102.3 82.7 124.1

192 21.4 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.106 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW012632.D

Acq: 05 Sep 2019 11:12

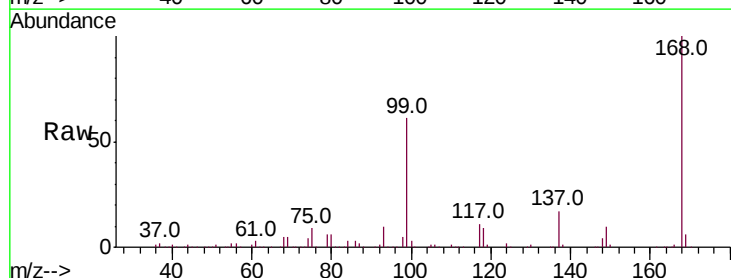
Tgt Ion: 75 Resp: 19021

Ion Ratio Lower Upper

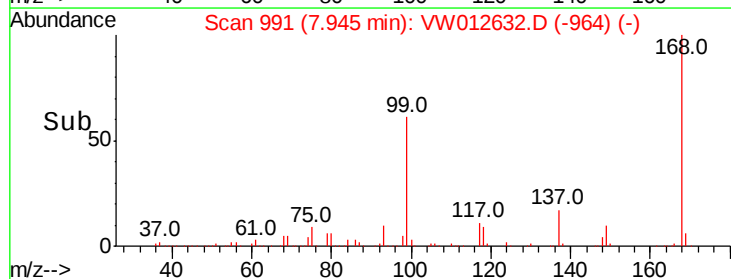
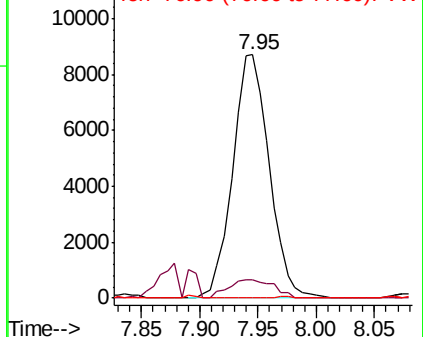
75 100

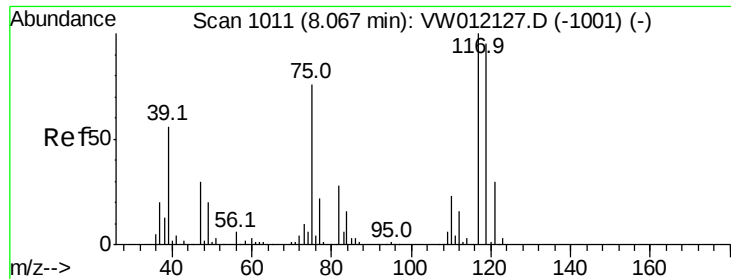
110 9.5 15.6 46.8#

77 0.0 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW

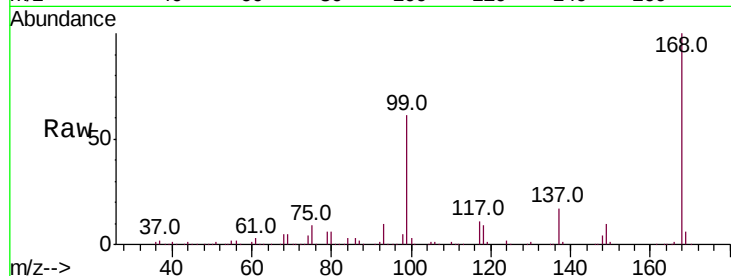




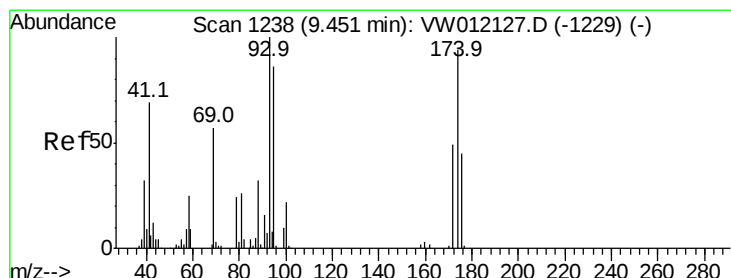
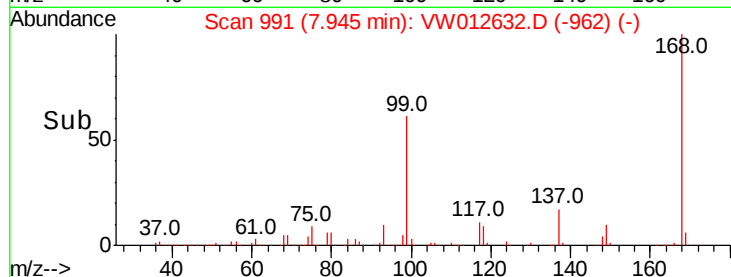
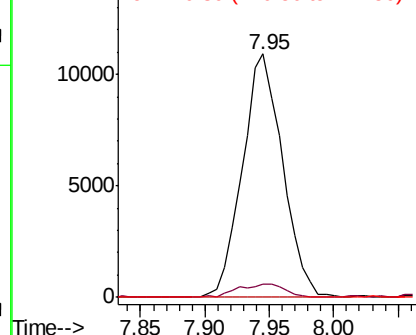
#38
Carbon Tetrachloride
Concen: 7.319 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW012632.D
Acq: 05 Sep 2019 11:12

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 23598
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 23.8 35.8#

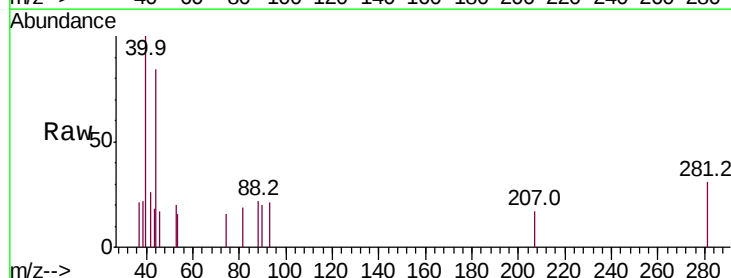


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

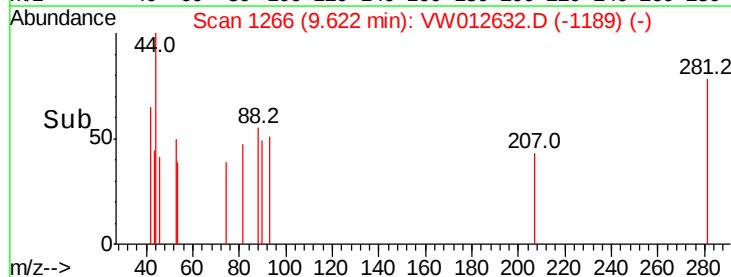
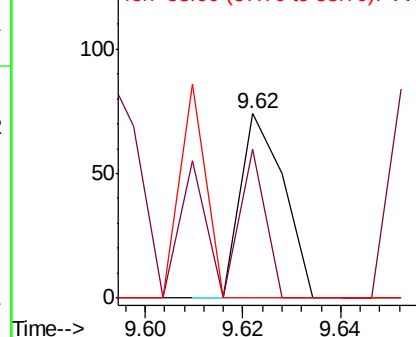


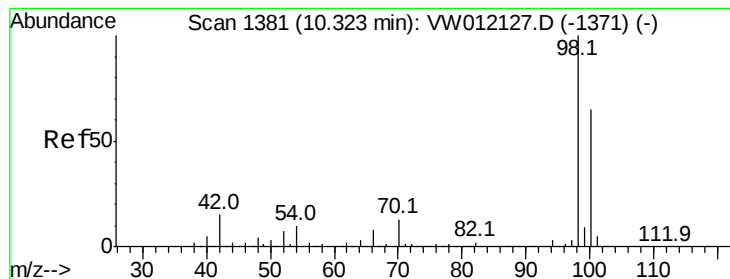
#49
1,4-Dioxane
Concen: 2.413 ug/l
RT: 9.62 min Scan# 1266
Delta R.T. 0.17 min
Lab File: VW012632.D
Acq: 05 Sep 2019 11:12

Tgt Ion: 88 Resp: 45
Ion Ratio Lower Upper
88 100
43 0.0 32.9 49.3#
58 68.9 71.0 106.4#



Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 50.277 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012632.D

Acq: 05 Sep 2019 11:12

Instrument :

MSVOA_W

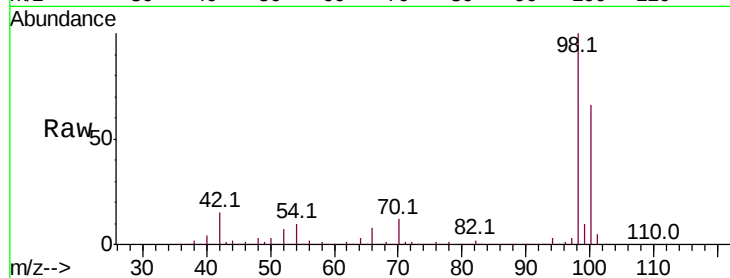
ClientSampled :

Tot Ion: 98 Resp: 438645

Ion Ratio Lower Upper

98 100

100 65.4 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

250000

200000

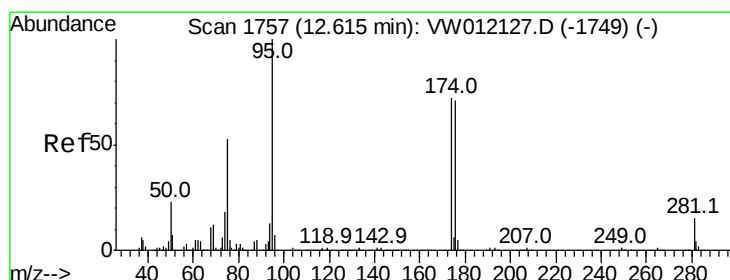
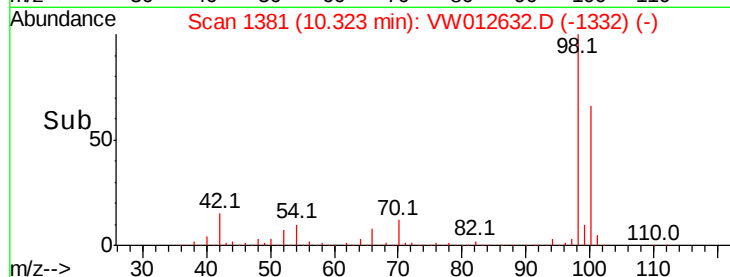
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.834 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012632.D

Acq: 05 Sep 2019 11:12

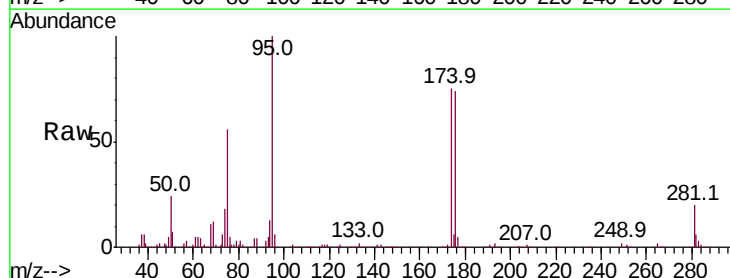
Tgt Ion: 95 Resp: 147109

Ion Ratio Lower Upper

95 100

174 77.5 0.0 150.8

176 75.6 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

120000

100000

80000

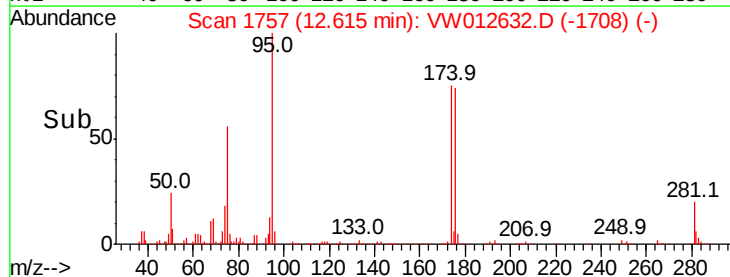
60000

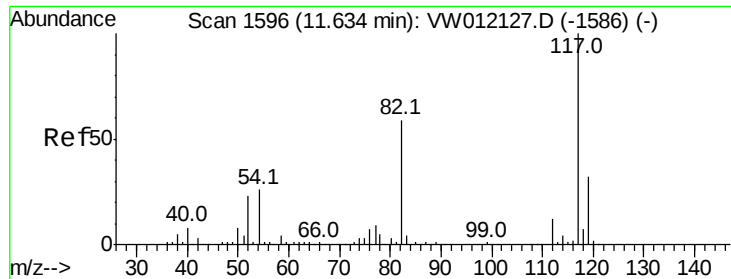
40000

20000

0

Time-->

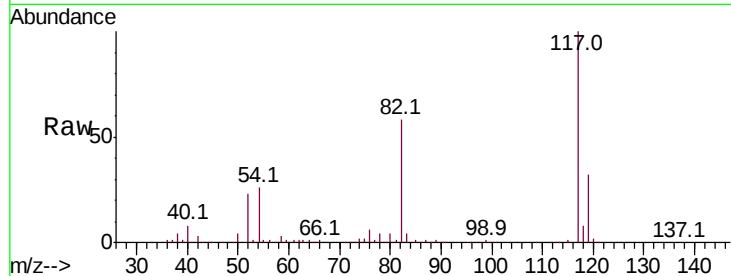




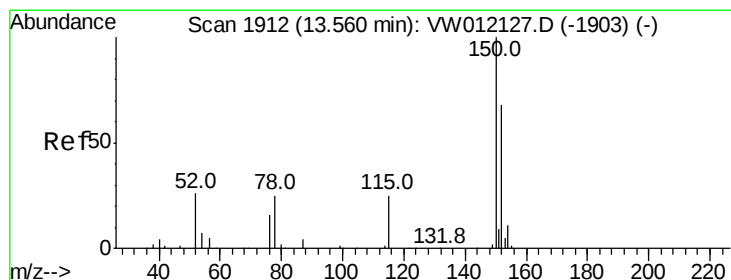
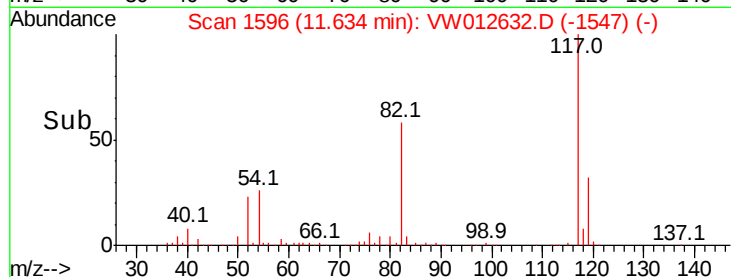
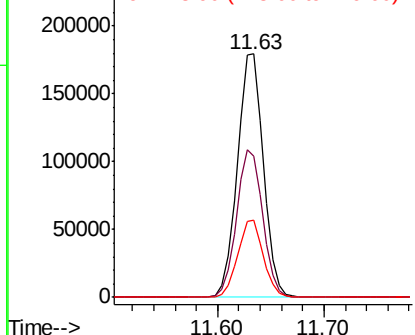
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012632.D
Acq: 05 Sep 2019 11:12

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 308432
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.2
119 31.6 25.4 38.2

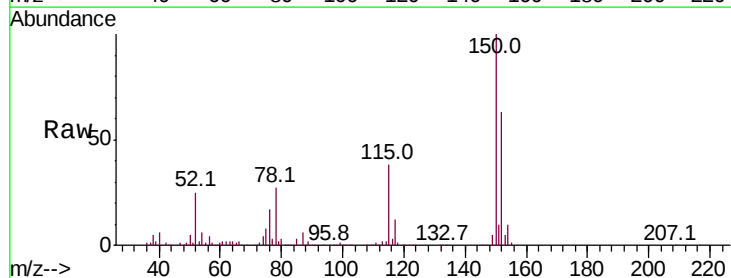


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

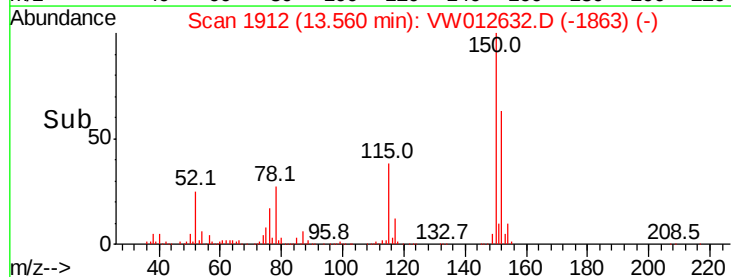
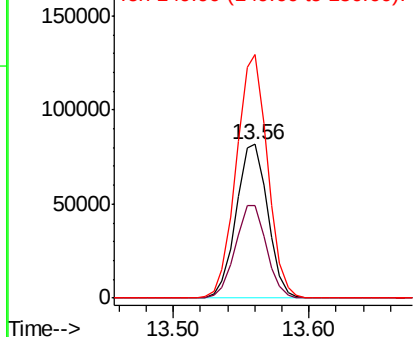


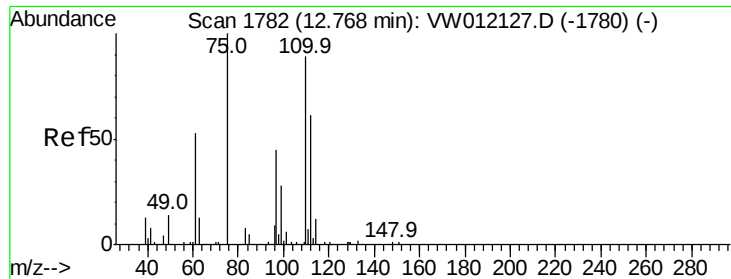
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012632.D
Acq: 05 Sep 2019 11:12

Tgt Ion:152 Resp: 132357
Ion Ratio Lower Upper
152 100
115 59.7 30.1 90.3
150 157.1 0.0 345.8



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

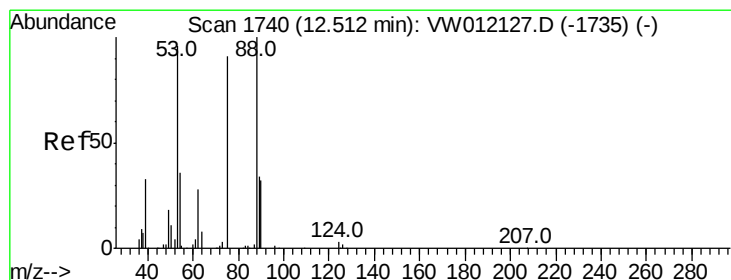
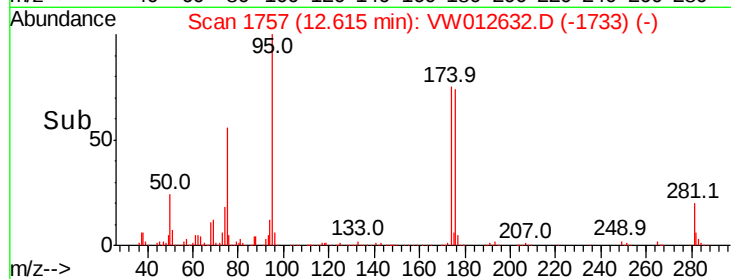
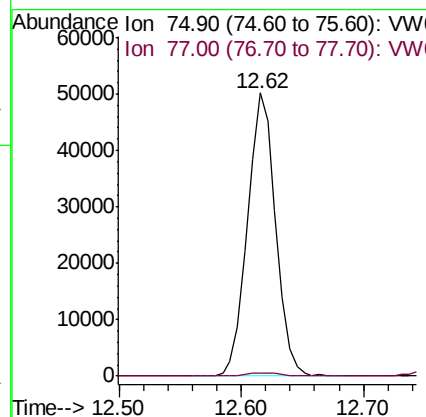
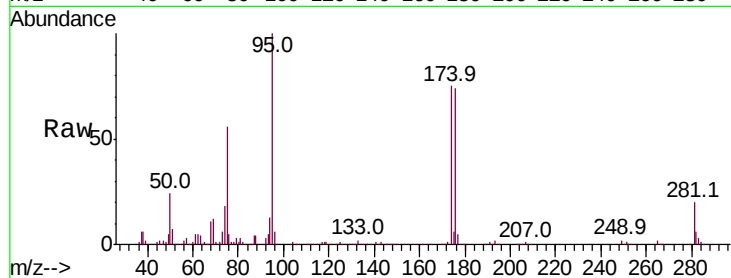




#76
 1,2,3-Trichloropropane
 Concen: 62.136 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW012632.D
 Acq: 05 Sep 2019 11:12

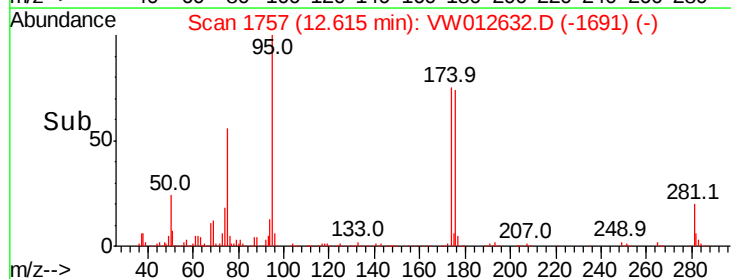
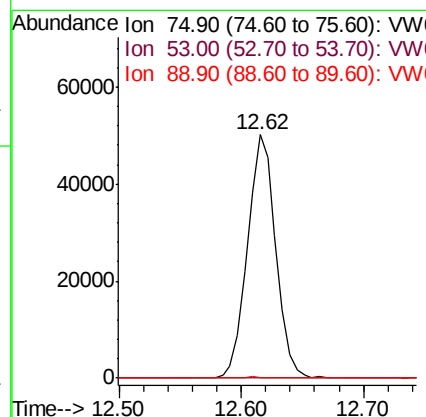
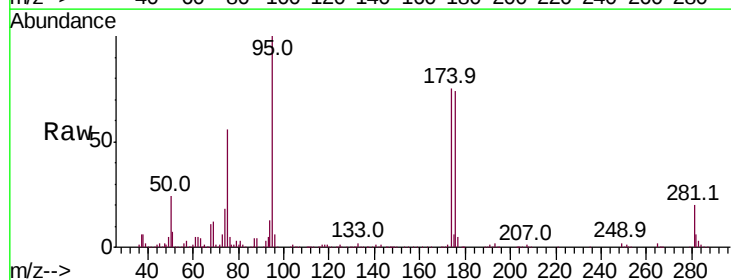
Instrument :
 MSVOA_W
 ClientSampleId :

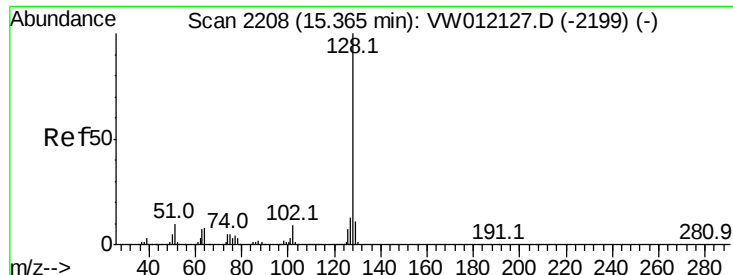
Tot Ion: 75 Resp: 80097
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 136.235 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW012632.D
 Acq: 05 Sep 2019 11:12

Tgt Ion: 75 Resp: 80097
 Ion Ratio Lower Upper
 75 100
 53 0.2 89.4 134.0#
 89 0.3 34.5 51.7#





#95

Naphthalene

Concen: 4.673 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.01 min

Lab File: VW012632.D

Acq: 05 Sep 2019 11:12

Instrument :

MSVOA_W

ClientSampleId :

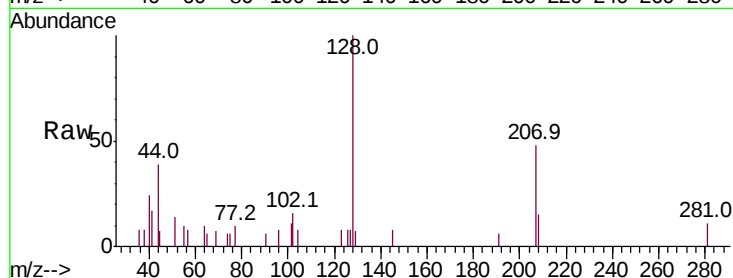
Tot Ion:128 Resp: 1921

Ion Ratio Lower Upper

128 100

127 4.7 10.7 16.1#

129 9.1 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

