

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083119\
 Data File : VW012395.D
 Acq On : 31 Aug 2019 13:01
 Operator : SY/VA
 Sample : K4493-17
 Misc : 5.74G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 31 17:18:38 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	206716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	333806	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	217780	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	47940	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	136010	55.35	ug/l	0.00
Spiked Amount			Recovery	=	110.70%	
35) Dibromofluoromethane	7.88	113	106150	53.27	ug/l	0.00
Spiked Amount			Recovery	=	106.54%	
50) Toluene-d8	10.32	98	388821	48.13	ug/l	0.00
Spiked Amount			Recovery	=	96.26%	
62) 4-Bromofluorobenzene	12.62	95	76665	26.92	ug/l	0.00
Spiked Amount			Recovery	=	53.84%	

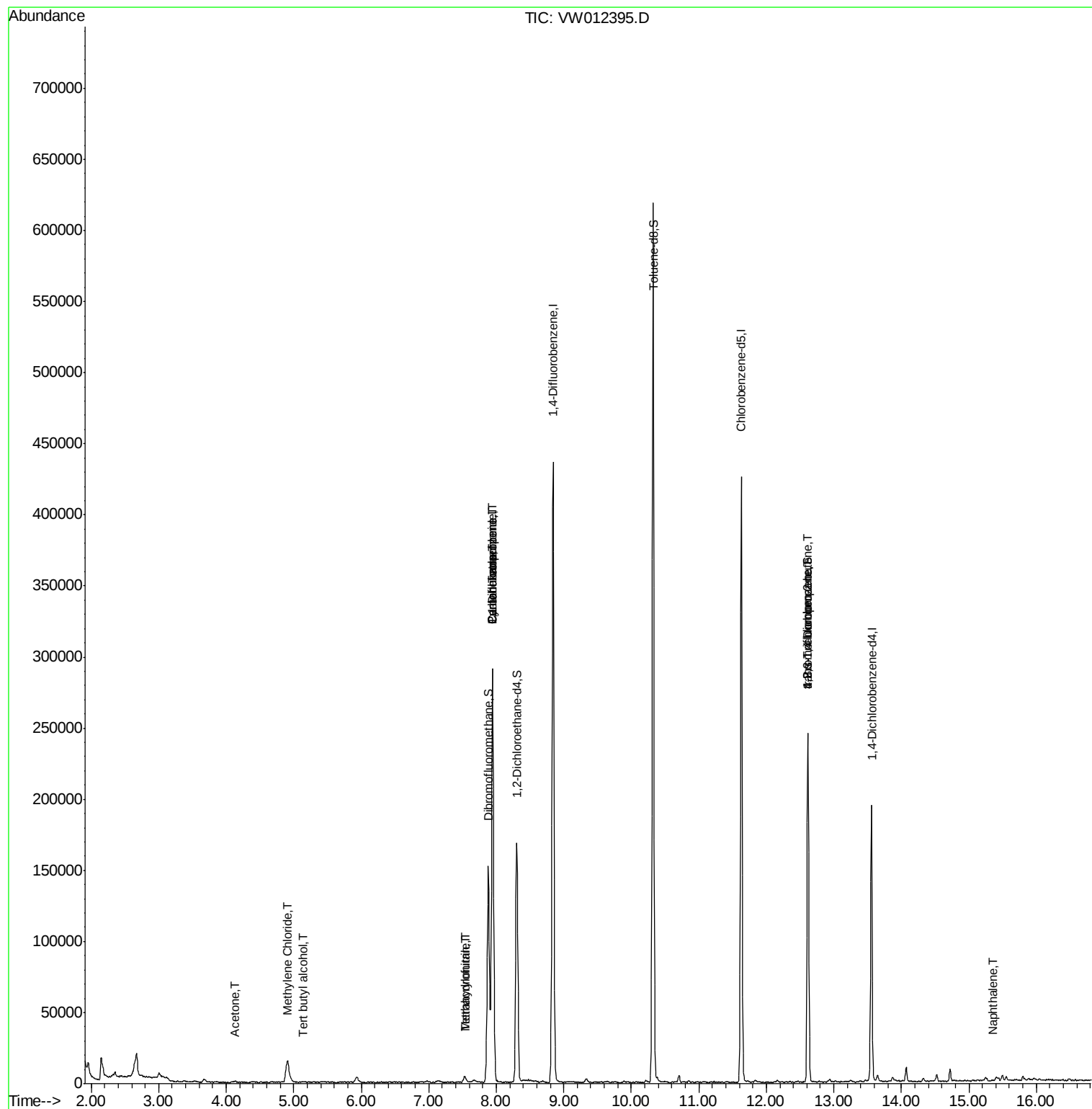
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.15	59	529	3.577	ug/l #	71
16) Acetone	4.12	43	1396	2.222	ug/l #	81
20) Methylene Chloride	4.91	84	11078	4.665	ug/l	96
29) Tetrahydrofuran	7.54	42	3575	6.981	ug/l #	86
31) Cyclohexane	7.95	56	5970	1.349	ug/l #	25
36) 1,1-Dichloropropene	7.95	75	17850	5.175	ug/l #	50
38) Carbon Tetrachloride	7.95	117	21093	7.065	ug/l #	16
41) Methacrylonitrile	7.54	41	2385	2.147	ug/l #	58
76) 1,2,3-Trichloropropane	12.62	75	42031	90.021	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	42031	197.375	ug/l #	6
95) Naphthalene	15.36	128	372	4.509	ug/l #	77

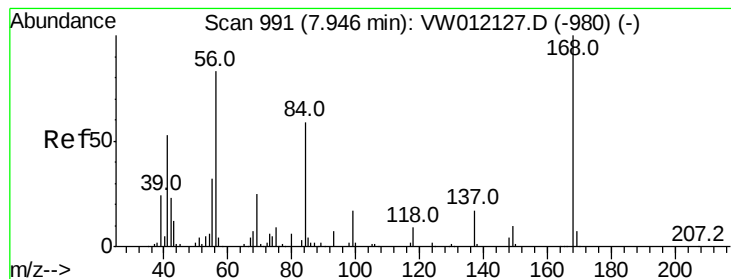
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW083119\
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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: VW012395.D

Acq: 31 Aug 2019 13:01

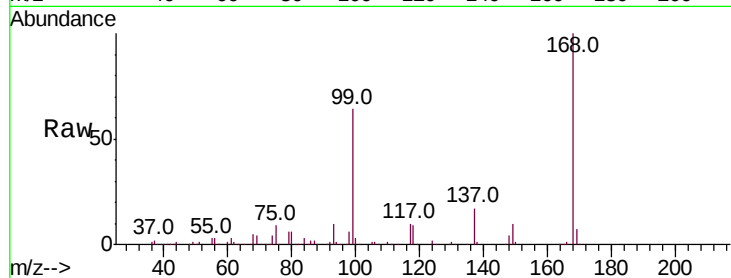
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 206716

Ion Ratio Lower Upper

168 100

99 64.0 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

80000

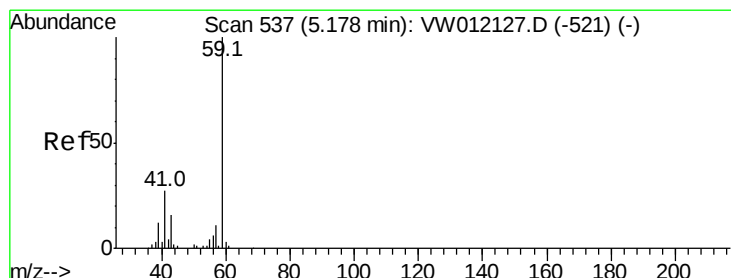
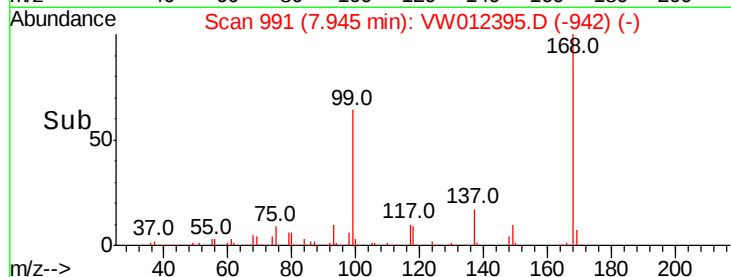
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 3.577 ug/l

RT: 5.15 min Scan# 532

Delta R.T. -0.03 min

Lab File: VW012395.D

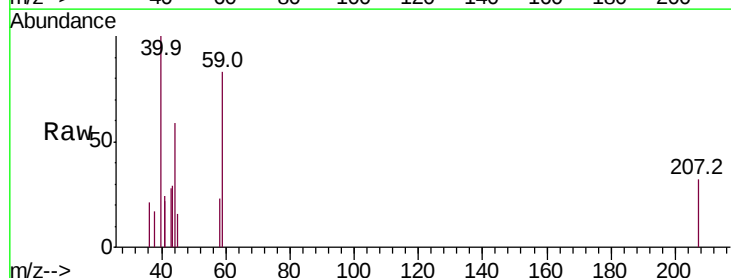
Acq: 31 Aug 2019 13:01

Tgt Ion: 59 Resp: 529

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.15

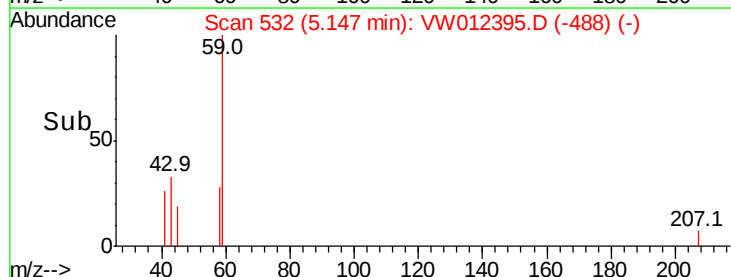
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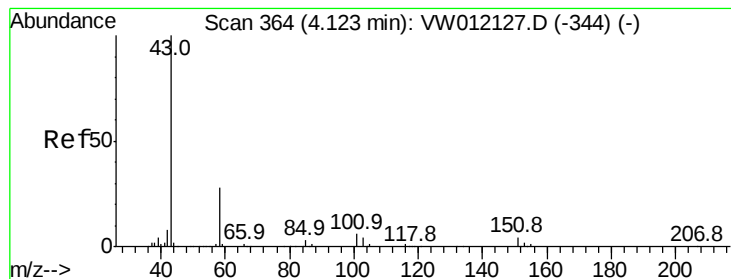
200

100

0

Time-->





#16

Acetone

Concen: 2.222 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW012395.D

Acq: 31 Aug 2019 13:01

Instrument :

MSVOA_W

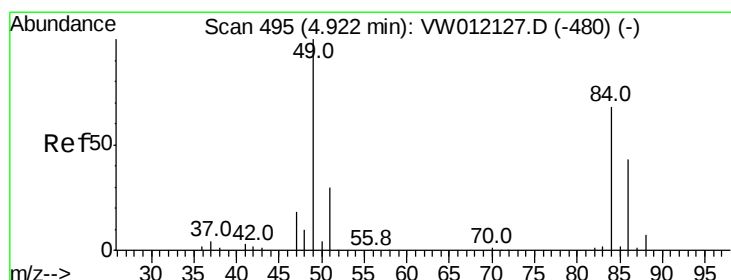
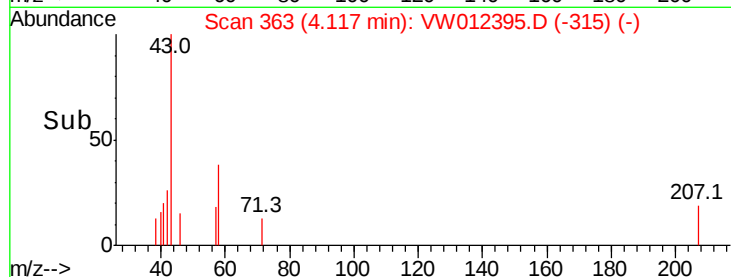
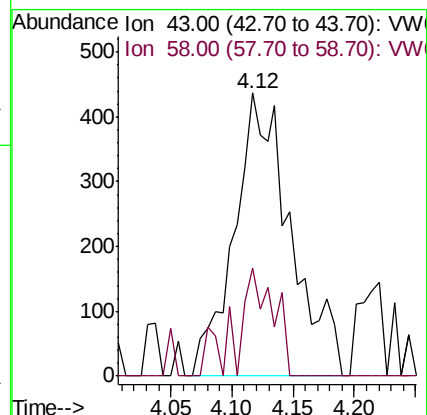
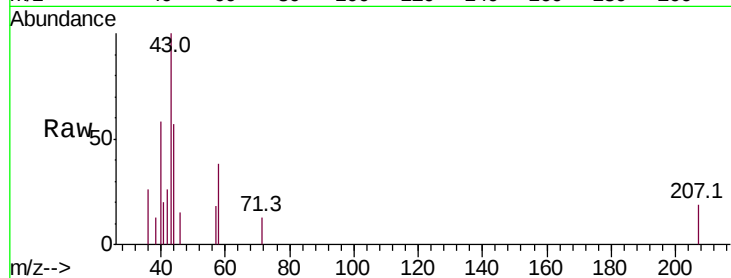
ClientSampled :

Tot Ion: 43 Resp: 1396

Ion Ratio Lower Upper

43 100

58 38.2 22.4 33.6#



#20

Methylene Chloride

Concen: 4.665 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012395.D

Acq: 31 Aug 2019 13:01

Tgt Ion: 84 Resp: 11078

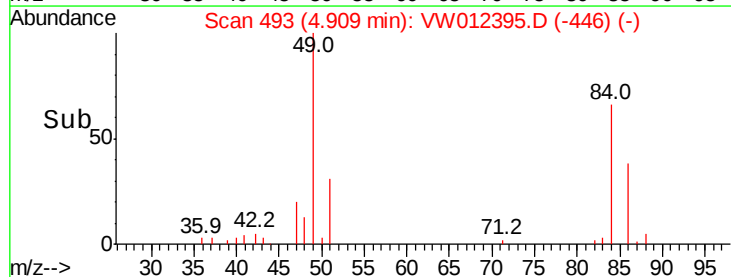
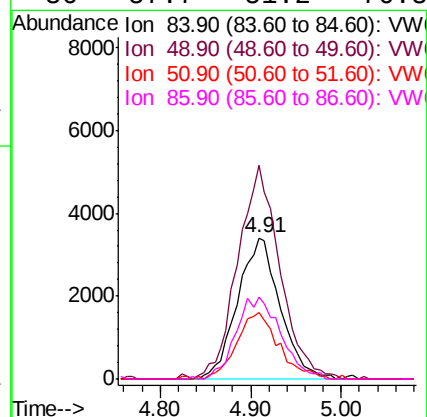
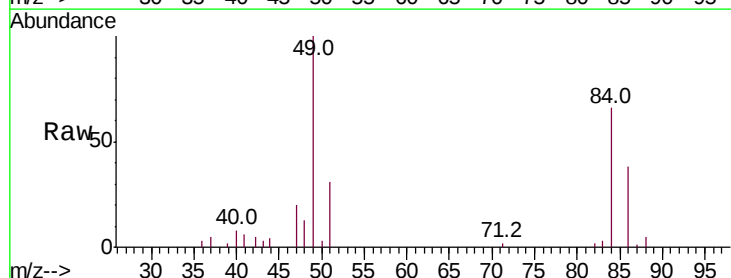
Ion Ratio Lower Upper

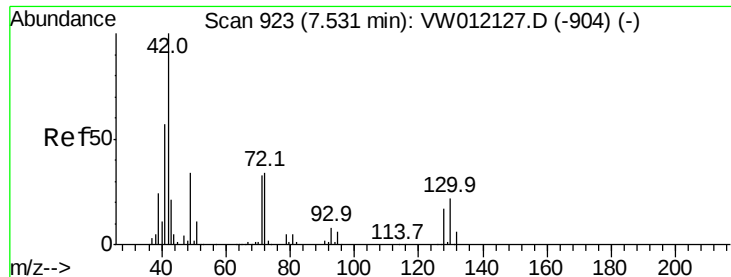
84 100

49 151.1 117.8 176.8

51 47.0 35.6 53.4

86 57.7 51.2 76.8

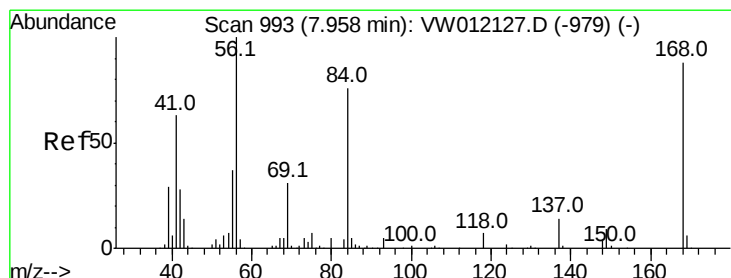
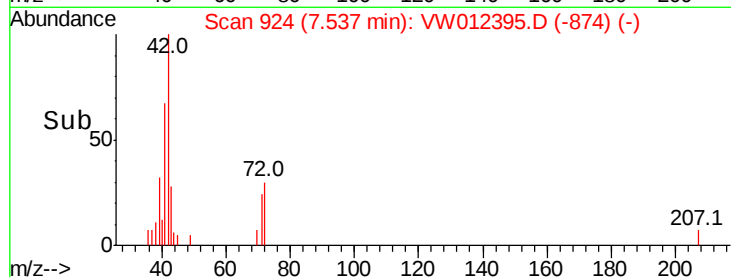
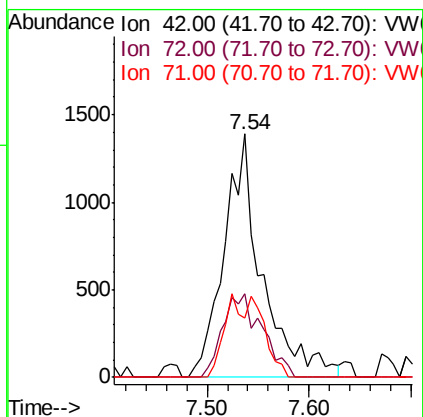
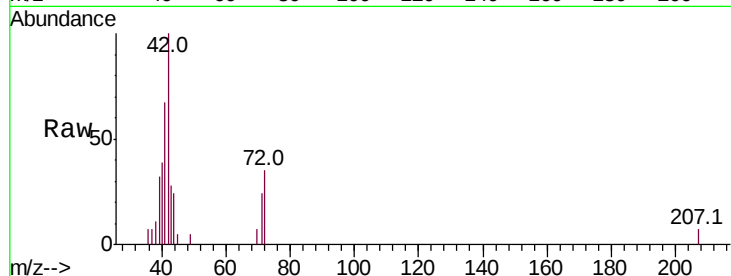




#29
Tetrahydrofuran
Concen: 6.981 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012395.D
Acq: 31 Aug 2019 13:01

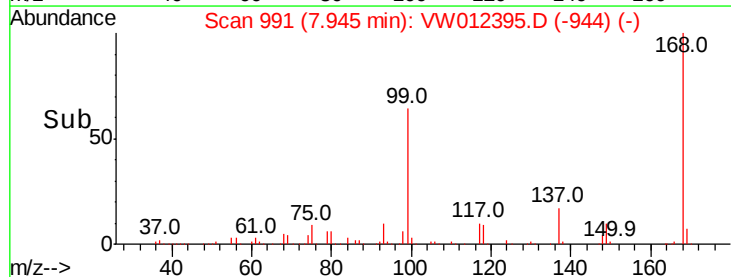
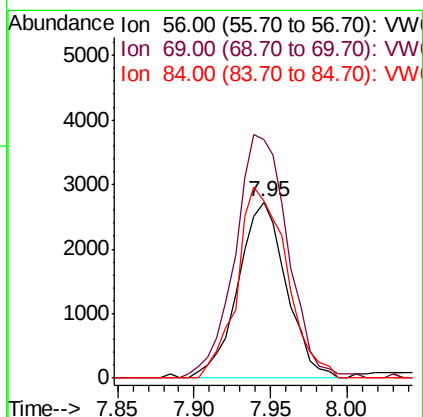
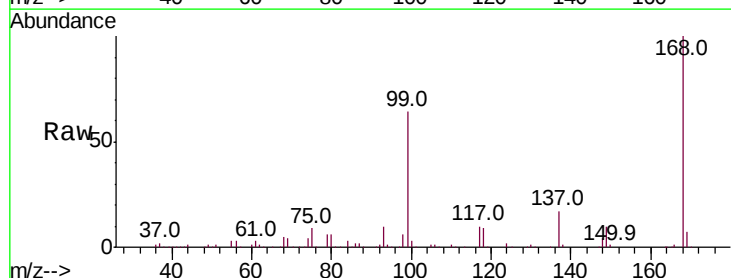
Instrument :
MSVOA_W
ClientSampleId :

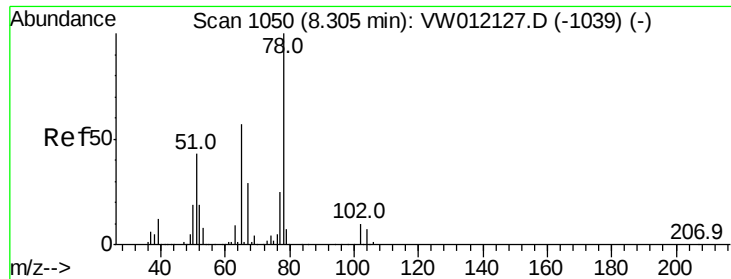
Tot Ion: 42 Resp: 3575
Ion Ratio Lower Upper
42 100
72 35.9 27.3 40.9
71 17.9 25.5 38.3#



#31
Cyclohexane
Concen: 1.349 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW012395.D
Acq: 31 Aug 2019 13:01

Tgt Ion: 56 Resp: 5970
Ion Ratio Lower Upper
56 100
69 133.3 24.9 37.3#
84 100.8 60.6 90.8#

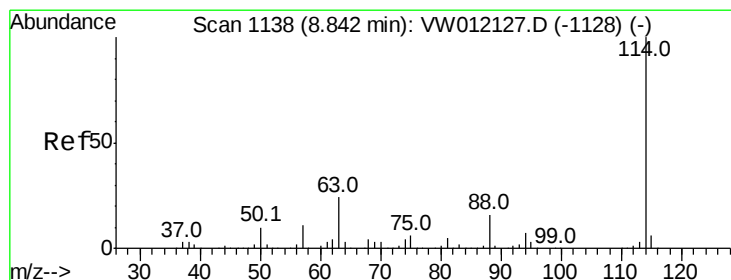
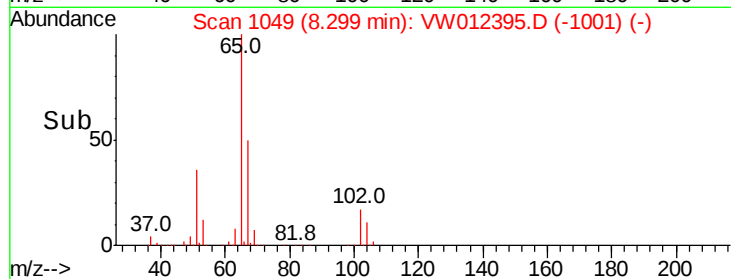
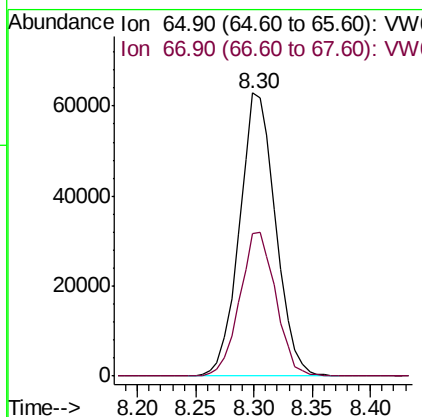
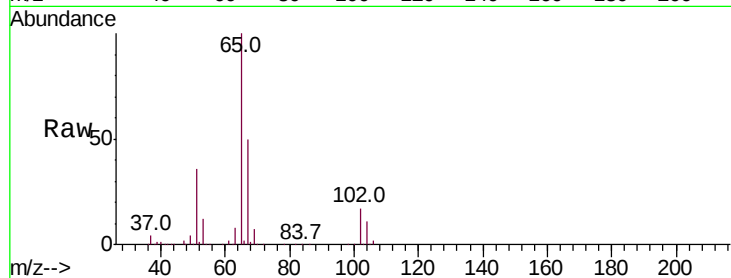




#33
 1,2-Dichloroethane-d4
 Concen: 55.348 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012395.D
 Acq: 31 Aug 2019 13:01

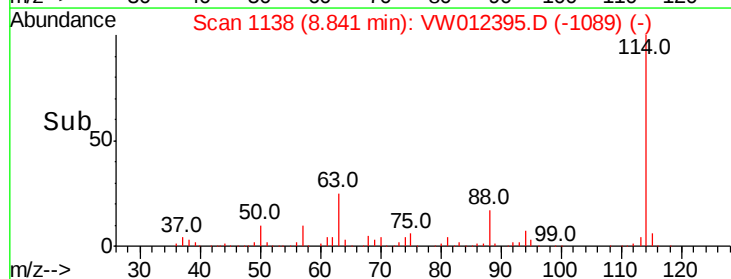
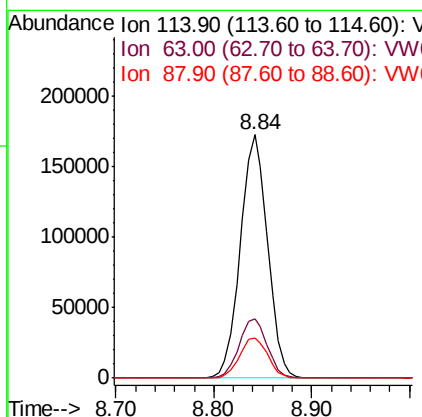
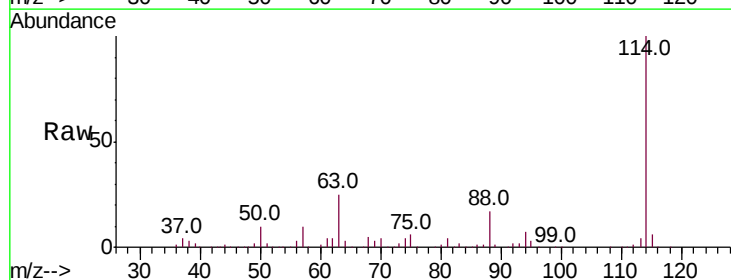
Instrument :
 MSVOA_W
 ClientSampleId :

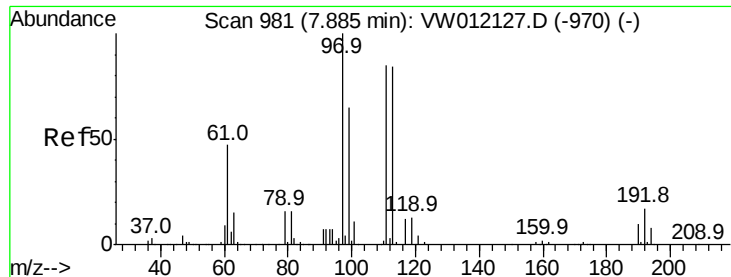
Tot Ion: 65 Resp: 136010
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012395.D
 Acq: 31 Aug 2019 13:01

Tgt Ion: 114 Resp: 333806
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 48.6
 88 16.6 0.0 32.2

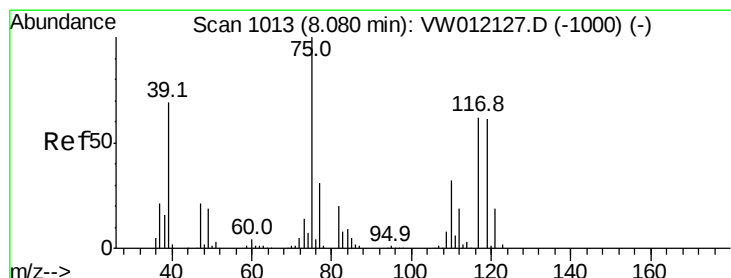
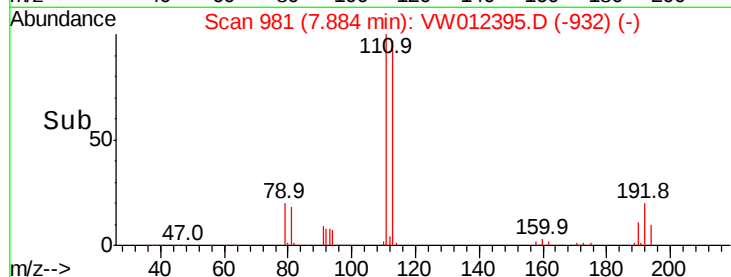
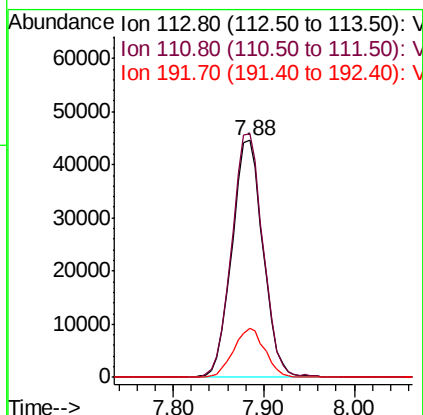
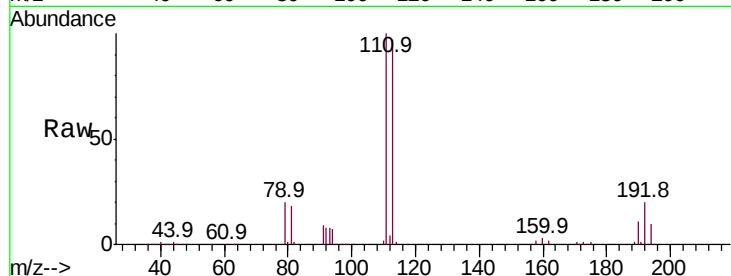




#35
 Dibromofluoromethane
 Concen: 53.275 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012395.D
 Acq: 31 Aug 2019 13:01

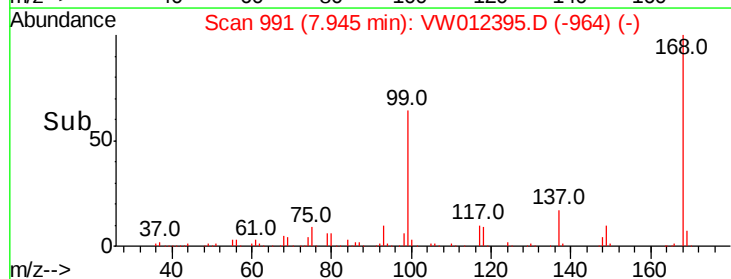
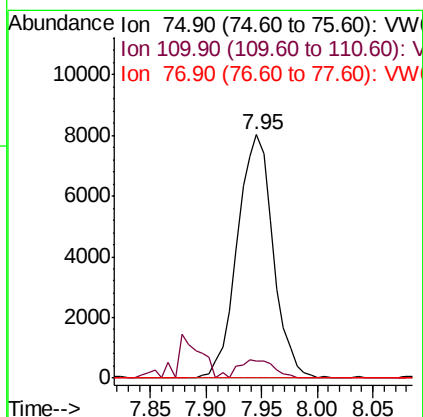
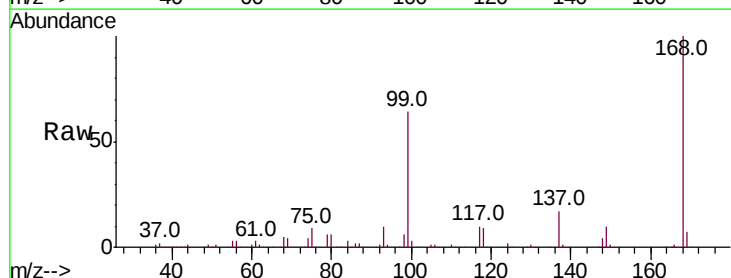
Instrument :
 MSVOA_W
 ClientSampleId :

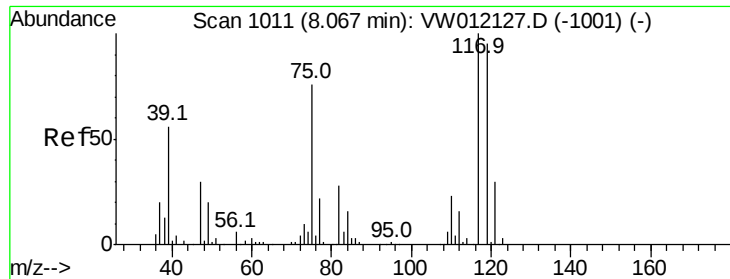
Tot Ion:113 Resp: 106150
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.7 124.1
 192 20.7 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 5.175 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012395.D
 Acq: 31 Aug 2019 13:01

Tgt Ion: 75 Resp: 17850
 Ion Ratio Lower Upper
 75 100
 110 7.3 15.6 46.8#
 77 0.0 24.6 36.8#

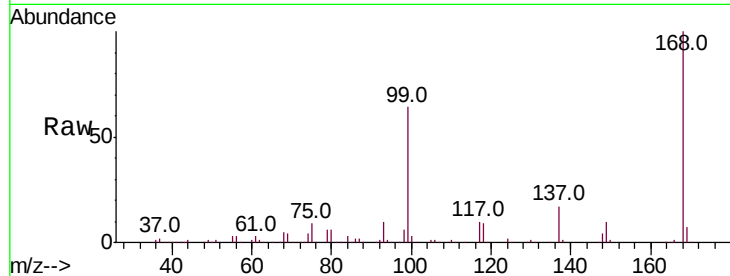




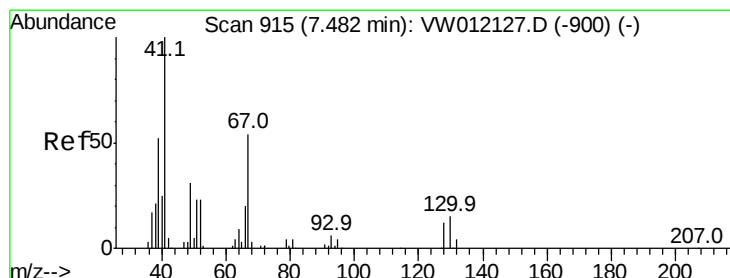
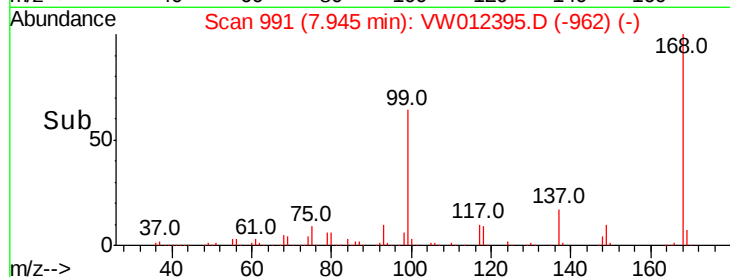
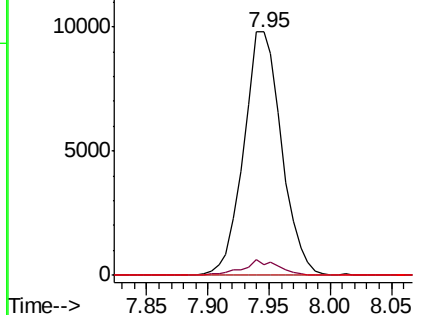
#38
Carbon Tetrachloride
Concen: 7.065 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW012395.D
Acq: 31 Aug 2019 13:01

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 21093
Ion Ratio Lower Upper
117 100
119 4.4 76.2 114.2#
121 0.0 23.8 35.8#

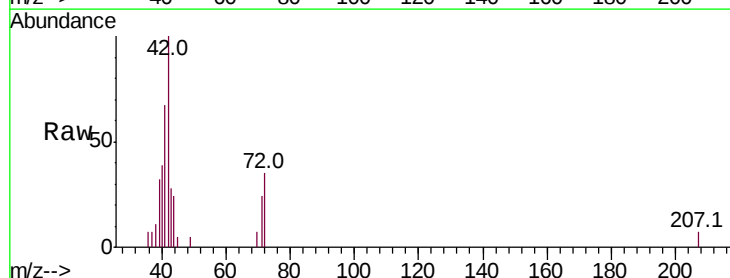


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

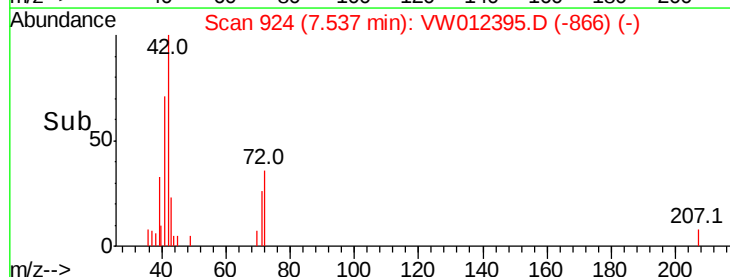
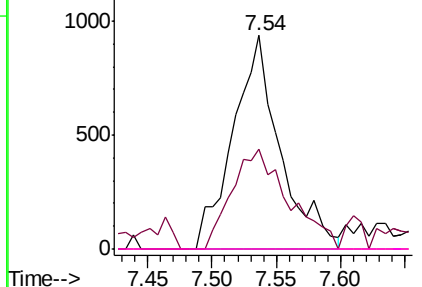


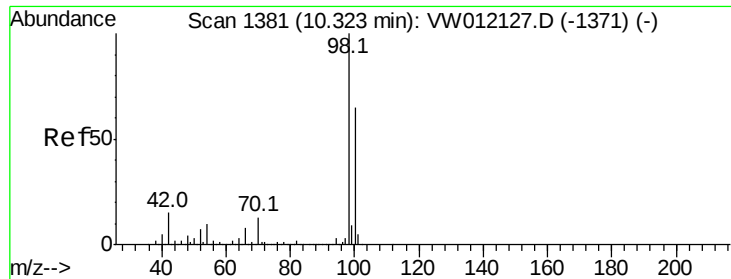
#41
Methacrylonitrile
Concen: 2.147 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.05 min
Lab File: VW012395.D
Acq: 31 Aug 2019 13:01

Tgt Ion: 41 Resp: 2385
Ion Ratio Lower Upper
41 100
39 56.5 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

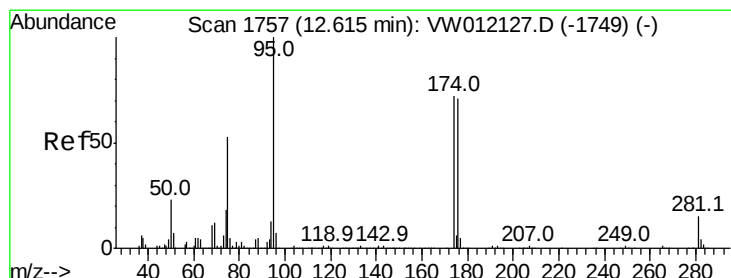
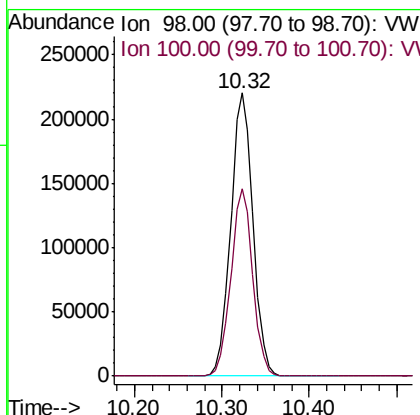
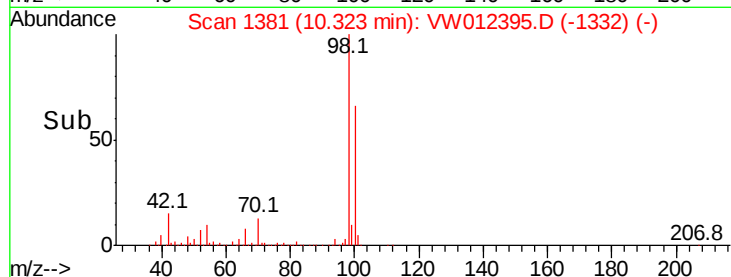
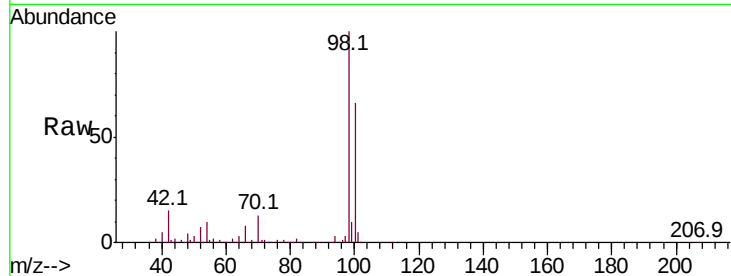




#50
Toluene-d8
Concen: 48.127 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012395.D
Acq: 31 Aug 2019 13:01

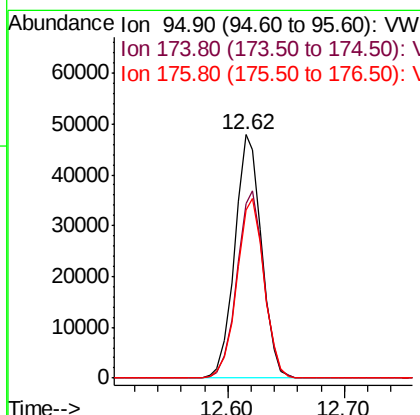
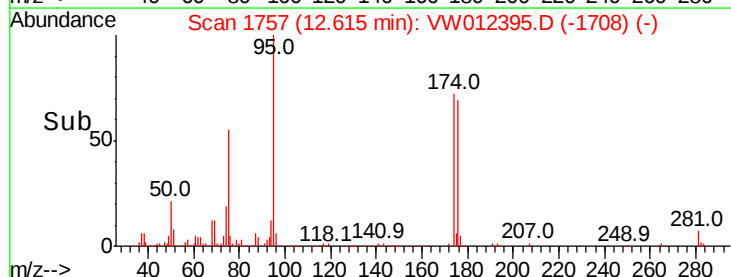
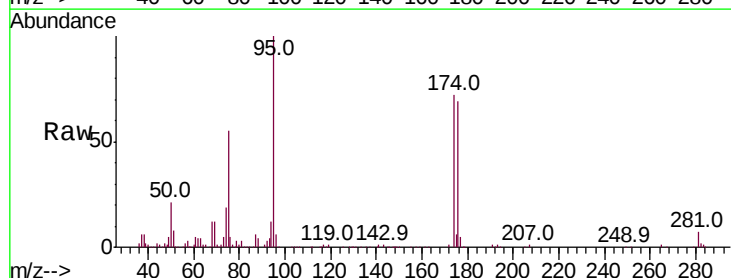
Instrument :
MSVOA_W
ClientSampleId :

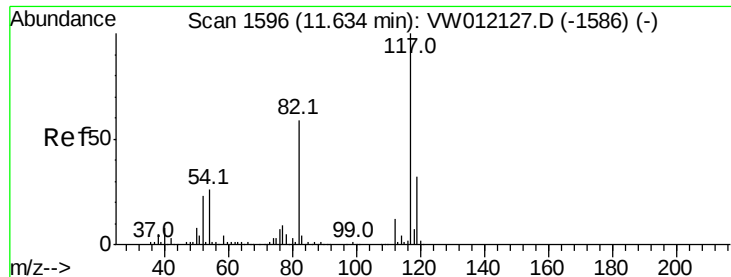
Tot Ion: 98 Resp: 388821
Ion Ratio Lower Upper
98 100
100 64.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 26.920 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012395.D
Acq: 31 Aug 2019 13:01

Tgt Ion: 95 Resp: 76665
Ion Ratio Lower Upper
95 100
174 77.8 0.0 150.8
176 75.2 0.0 148.6

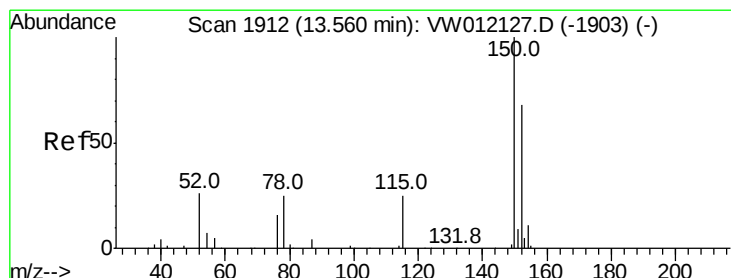
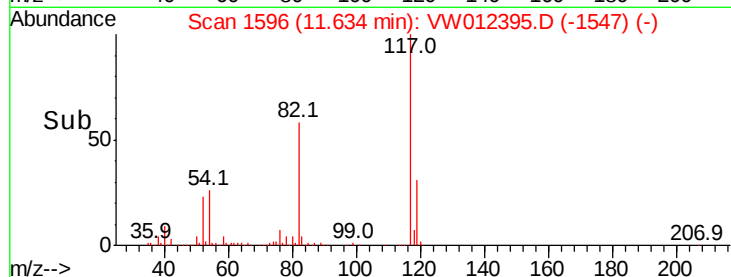
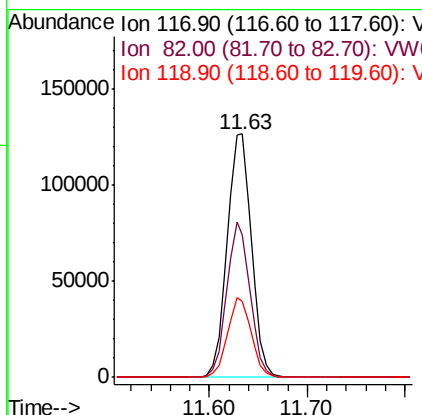
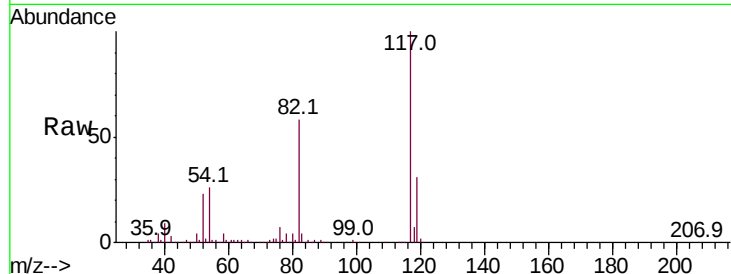




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012395.D
Acq: 31 Aug 2019 13:01

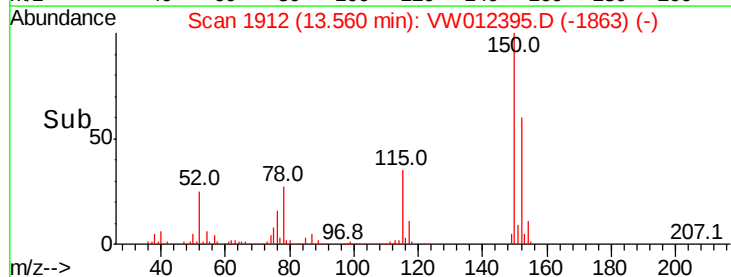
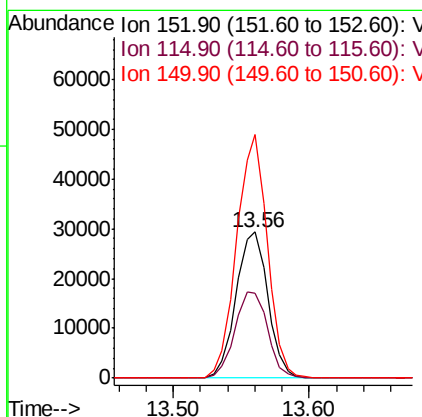
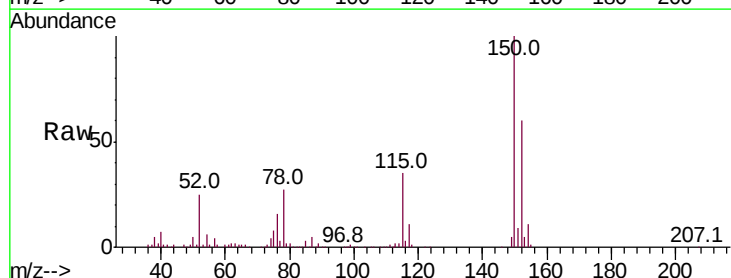
Instrument :
MSVOA_W
ClientSampleId :

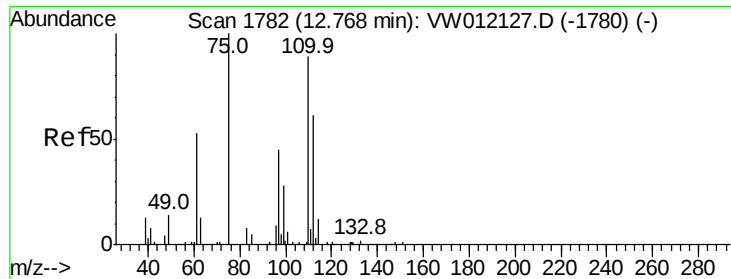
Tot Ion:117 Resp: 217780
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.2
119 31.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012395.D
Acq: 31 Aug 2019 13:01

Tgt Ion:152 Resp: 47940
Ion Ratio Lower Upper
152 100
115 60.7 30.1 90.3
150 160.6 0.0 345.8





#76

1,2,3-Trichloropropane

Concen: 90.021 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012395.D

Acq: 31 Aug 2019 13:01

Instrument :

MSVOA_W

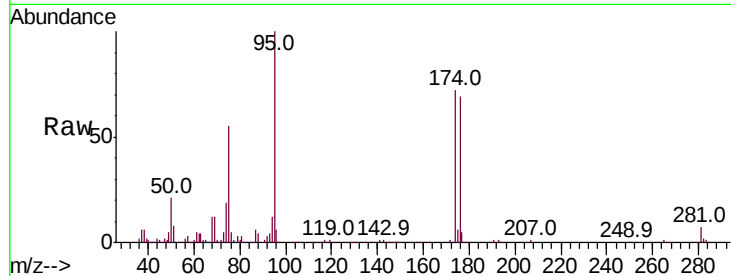
ClientSampleId :

Tot Ion: 75 Resp: 42031

Ion Ratio Lower Upper

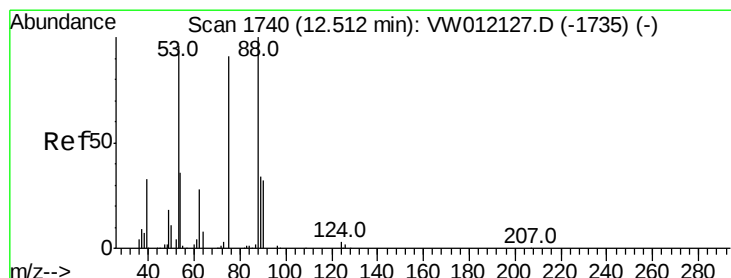
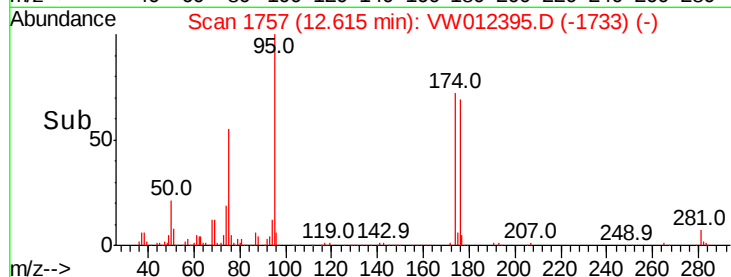
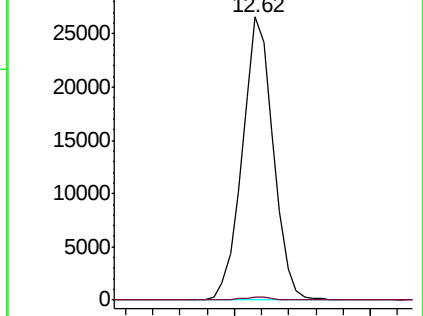
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#81

trans-1,4-Dichloro-2-butene

Concen: 197.375 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW012395.D

Acq: 31 Aug 2019 13:01

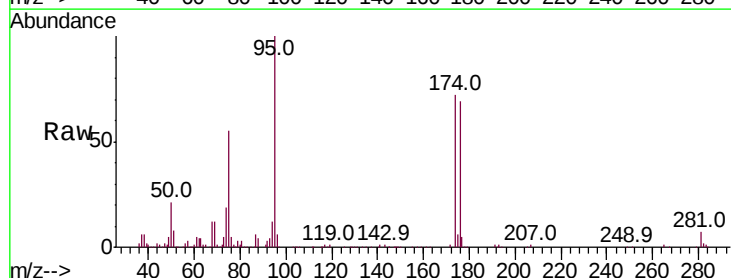
Tgt Ion: 75 Resp: 42031

Ion Ratio Lower Upper

75 100

53 0.3 89.4 134.0#

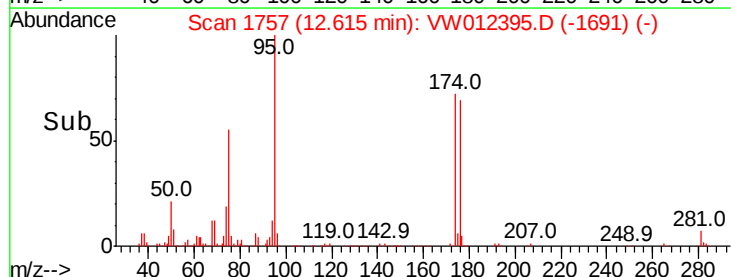
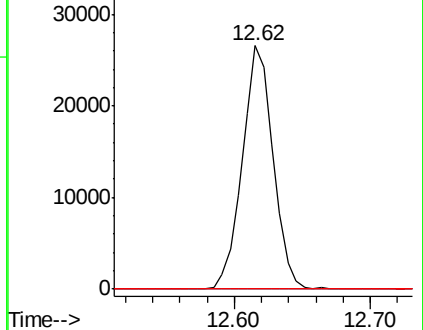
89 0.0 34.5 51.7#

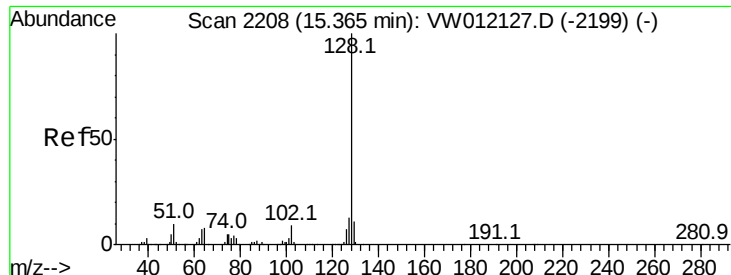


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW





#95

Naphthalene

Concen: 4.509 ug/l

RT: 15.36 min Scan# 2207

Delta R.T. -0.01 min

Lab File: VW012395.D

Acq: 31 Aug 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

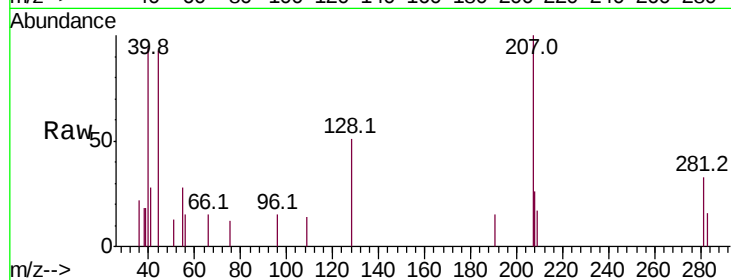
Tot Ion:128 Resp: 372

Ion Ratio Lower Upper

128 100

127 0.0 10.7 16.1#

129 7.0 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

