

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081219\
 Data File : VW011872.D
 Acq On : 13 Aug 2019 01:37
 Operator : SY/VA
 Sample : K4229-18
 Misc : 5.20G/5ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 13 09:24:55 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	227822	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	386533	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	342114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	124678	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	158682	60.66	ug/l	0.00
Spiked Amount			Recovery	=	121.32%	
35) Dibromofluoromethane	7.88	113	121252	55.91	ug/l	0.00
Spiked Amount			Recovery	=	111.82%	
50) Toluene-d8	10.32	98	495226	55.78	ug/l	0.00
Spiked Amount			Recovery	=	111.56%	
62) 4-Bromofluorobenzene	12.62	95	157130	49.64	ug/l	0.00
Spiked Amount			Recovery	=	99.28%	

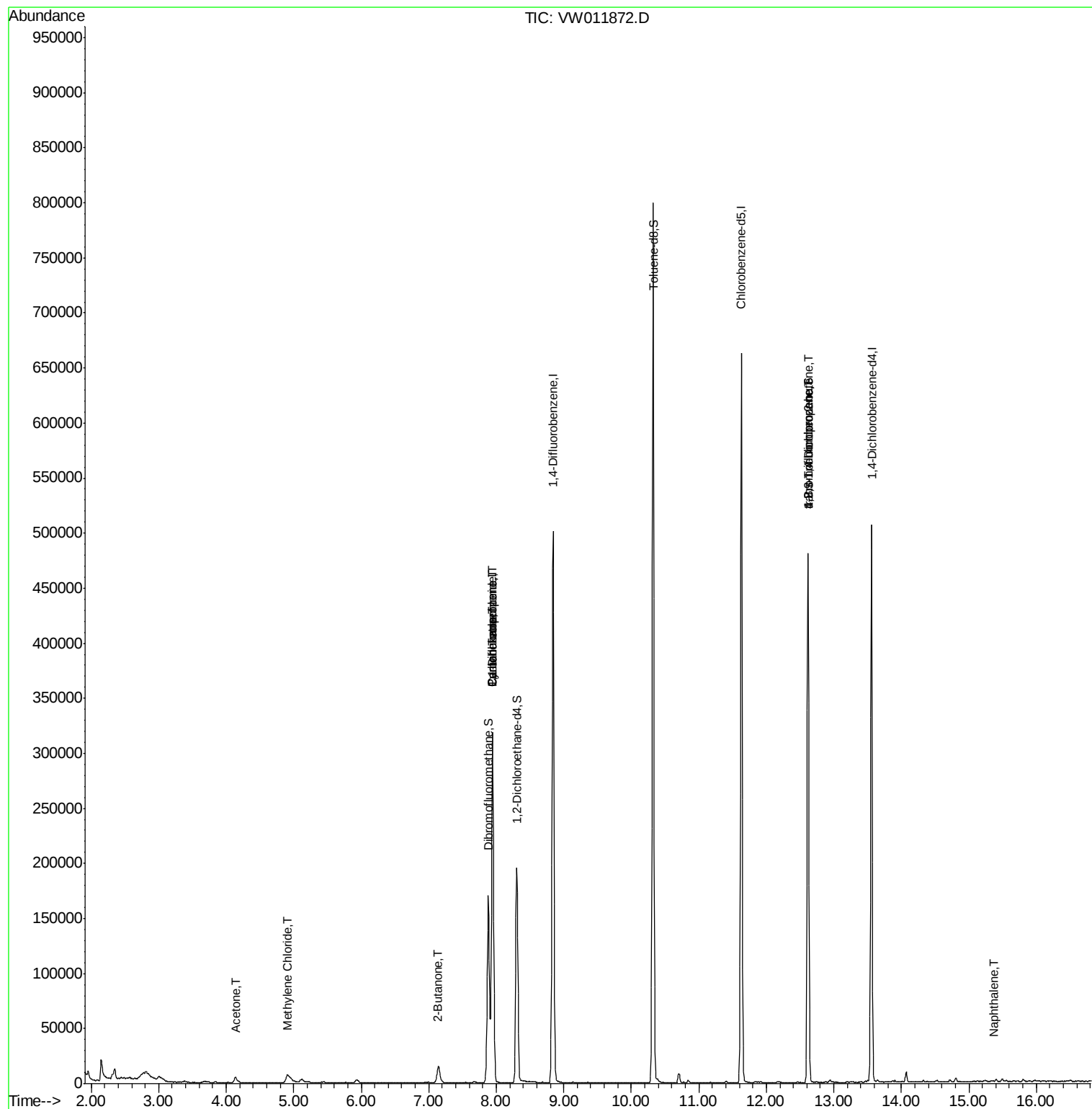
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	225	Below Cal	#	1
16) Acetone	4.14	43	10460	12.570	ug/l	90
20) Methylene Chloride	4.90	84	4148	1.445	ug/l	89
25) 2-Butanone	7.15	43	1408	1.293	ug/l	# 82
31) Cyclohexane	7.95	56	5771	1.180	ug/l	# 1
36) 1,1-Dichloropropene	7.95	75	20116	5.005	ug/l	# 53
38) Carbon Tetrachloride	7.95	117	23246	6.756	ug/l	# 16
76) 1,2,3-Trichloropropane	12.62	75	86104	65.268	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.62	75	86104	150.420	ug/l	# 6
95) Naphthalene	15.36	128	459	2.155	ug/l	# 69

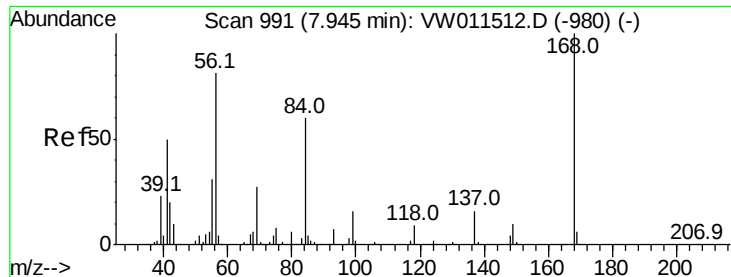
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081219\
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Instrument :
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Quant Time: Aug 13 09:24:55 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 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: VW011872.D

Acq: 13 Aug 2019 01:37

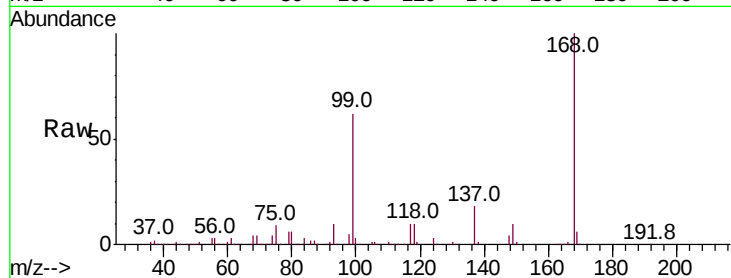
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 227822

Ion Ratio Lower Upper

168 100

99 62.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

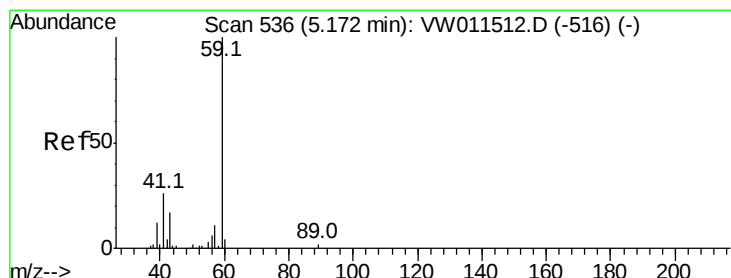
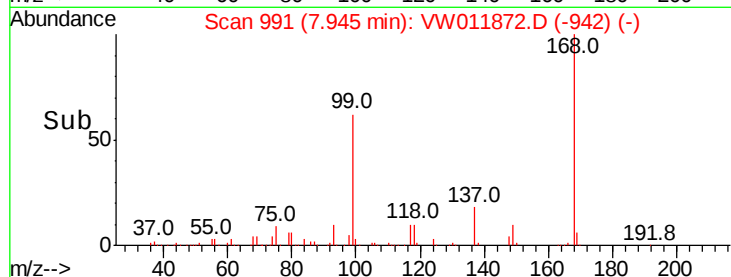
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.20 min Scan# 540

Delta R.T. 0.02 min

Lab File: VW011872.D

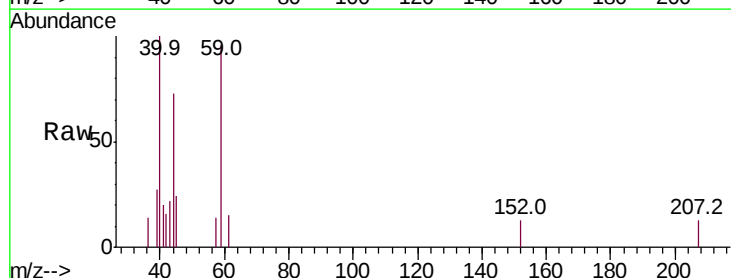
Acq: 13 Aug 2019 01:37

Tgt Ion: 59 Resp: 225

Ion Ratio Lower Upper

59 100

57 49.8 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

500

400

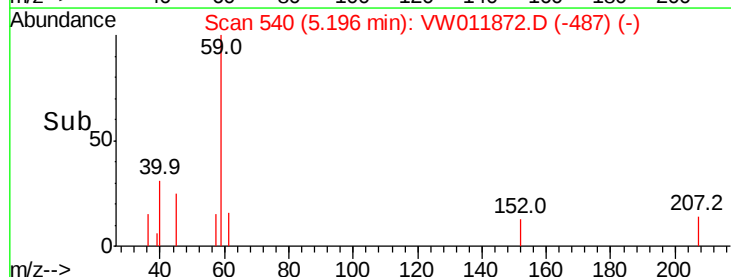
300

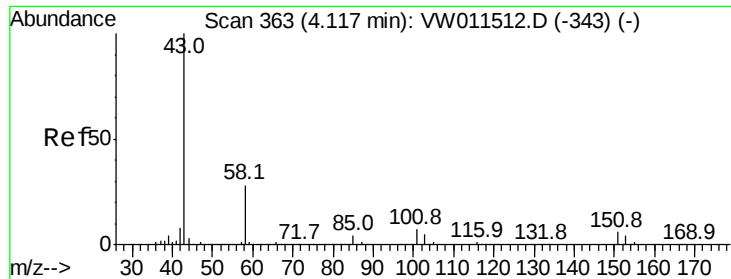
200

100

0

Time--> 5.16 5.18 5.20 5.22

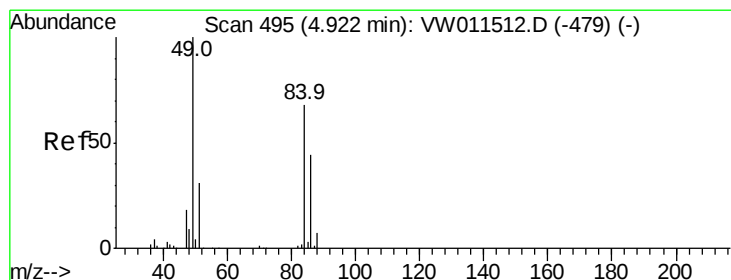
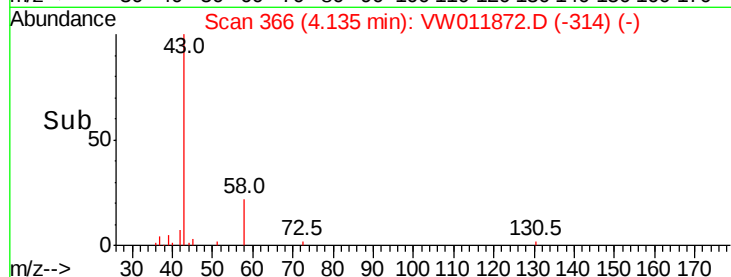
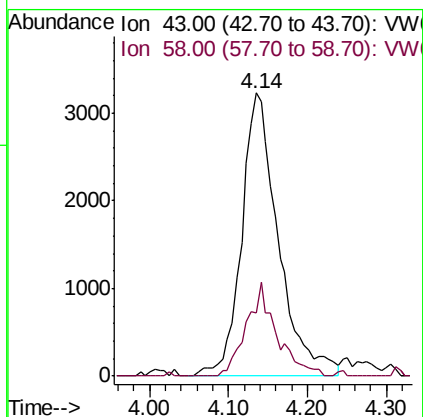
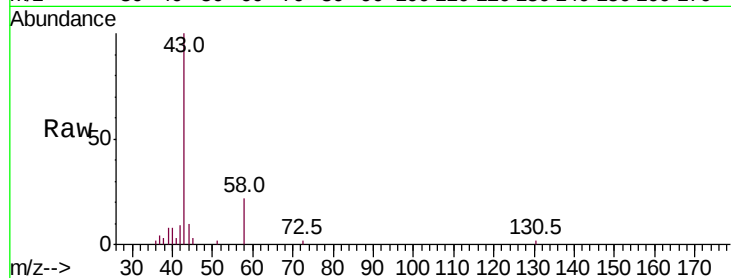




#16
Acetone
Concen: 12.570 ug/l
RT: 4.14 min Scan# 366
Delta R.T. 0.02 min
Lab File: VW011872.D
Acq: 13 Aug 2019 01:37

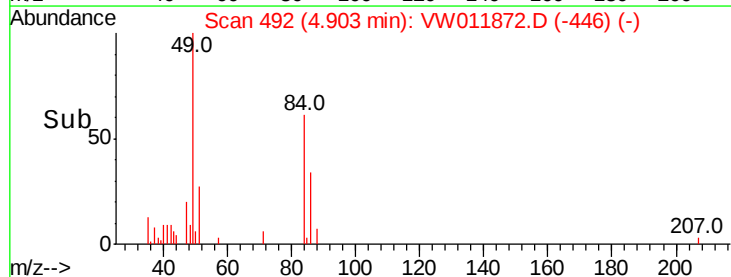
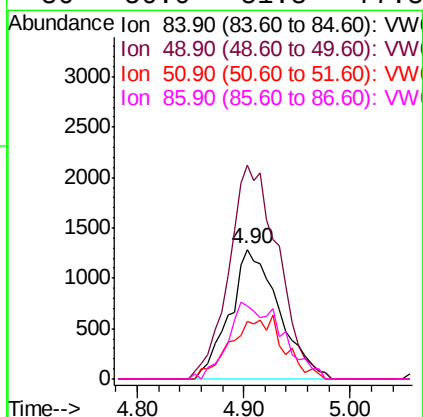
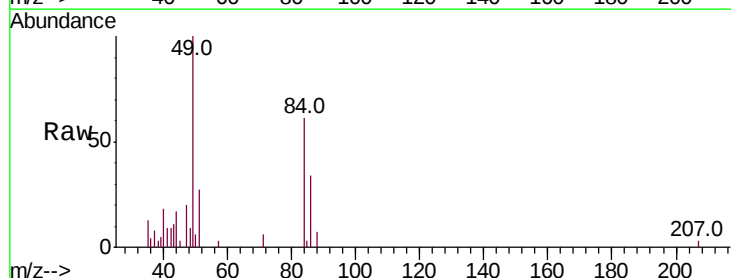
Instrument :
MSVOA_W
ClientSampleId :

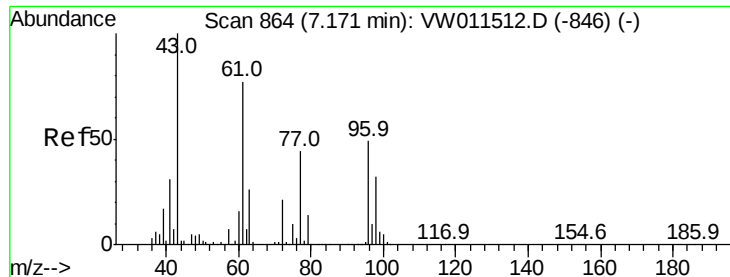
Tot Ion: 43 Resp: 10460
Ion Ratio Lower Upper
43 100
58 22.4 22.3 33.5



#20
Methylene Chloride
Concen: 1.445 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.02 min
Lab File: VW011872.D
Acq: 13 Aug 2019 01:37

Tgt Ion: 84 Resp: 4148
Ion Ratio Lower Upper
84 100
49 164.9 117.8 176.6
51 44.6 37.0 55.4
86 56.0 51.8 77.8





#25

2-Butanone

Concen: 1.293 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW011872.D

Acq: 13 Aug 2019 01:37

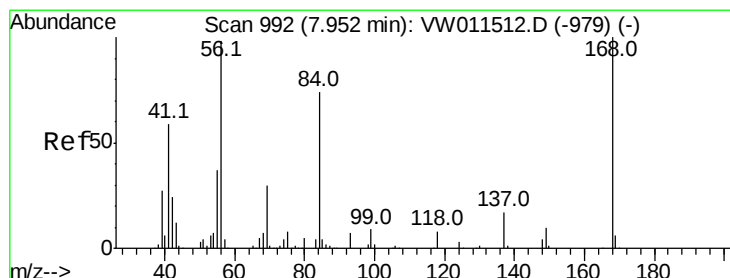
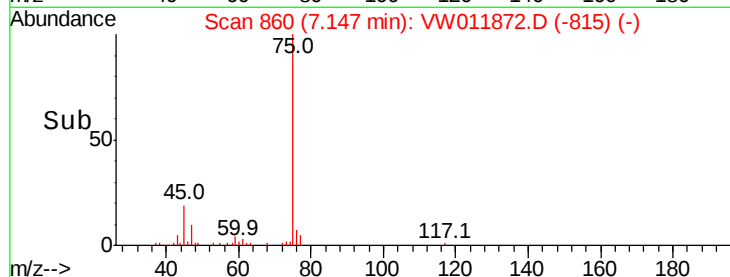
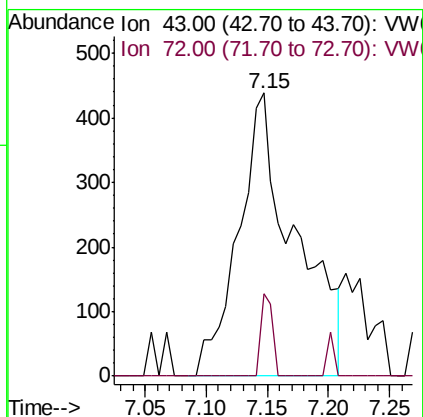
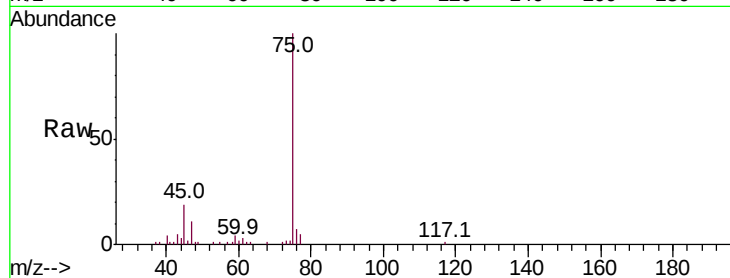
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 1408

Ion Ratio Lower Upper

43 100

72 29.0 16.6 24.8#



#31

Cyclohexane

Concen: 1.180 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW011872.D

Acq: 13 Aug 2019 01:37

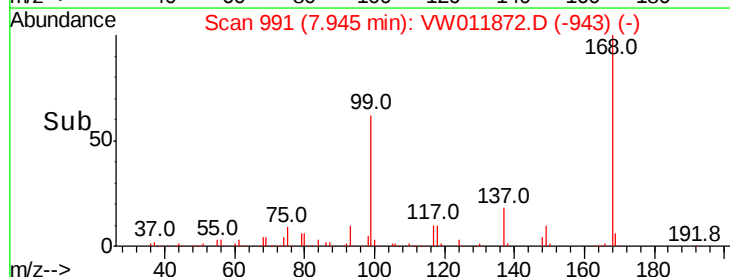
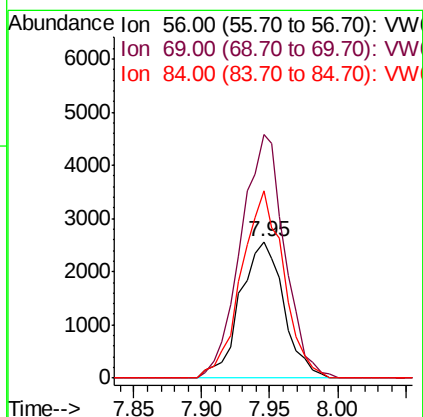
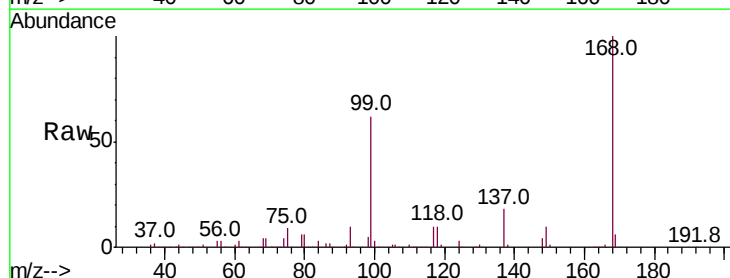
Tgt Ion: 56 Resp: 5771

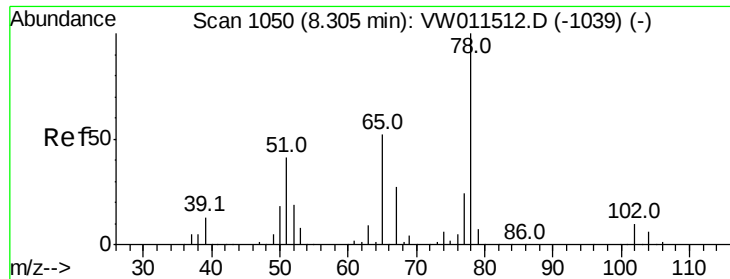
Ion Ratio Lower Upper

56 100

69 178.1 24.3 36.5#

84 137.3 60.4 90.6#

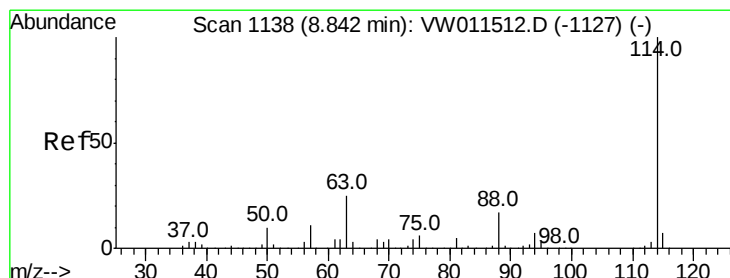
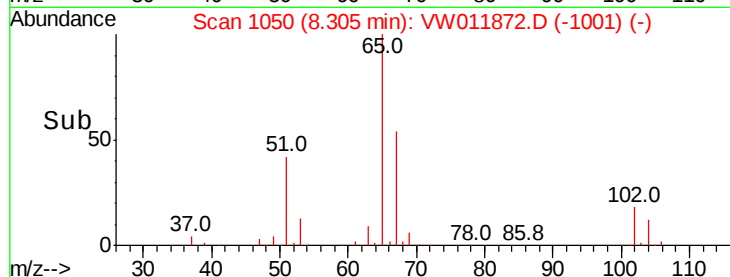
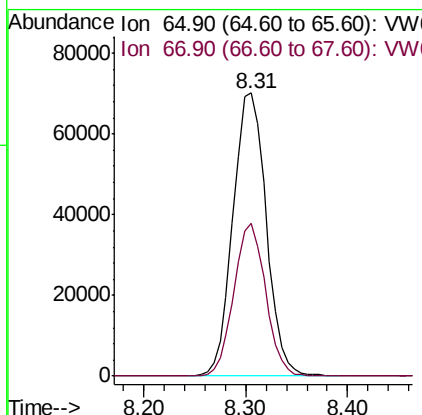
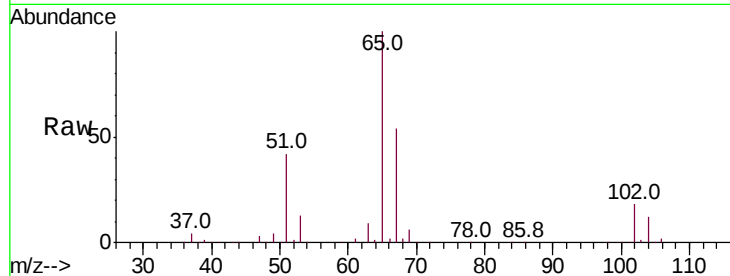




#33
 1,2-Dichloroethane-d4
 Concen: 60.658 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011872.D
 Acq: 13 Aug 2019 01:37

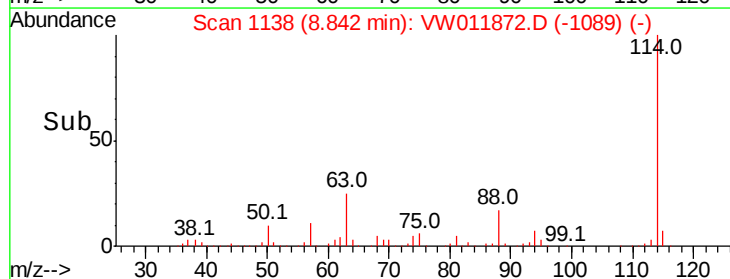
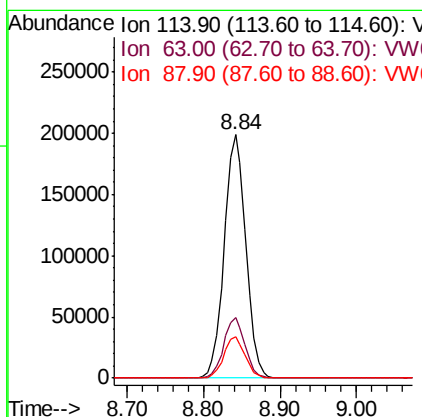
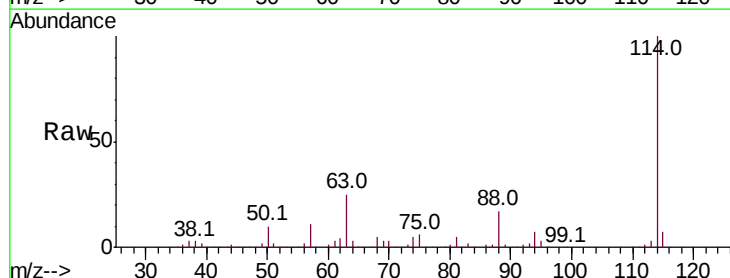
Instrument :
 MSVOA_W
 ClientSampleId :

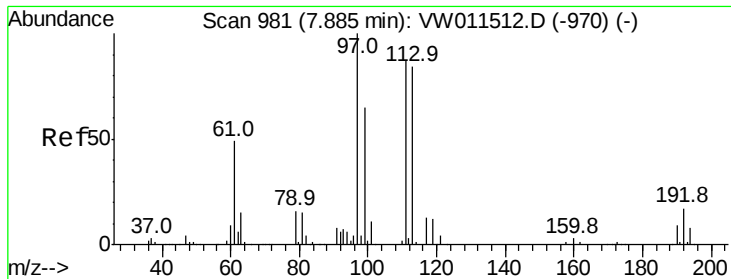
Tot Ion: 65 Resp: 158682
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011872.D
 Acq: 13 Aug 2019 01:37

Tgt Ion: 114 Resp: 386533
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 49.2
 88 16.8 0.0 33.8

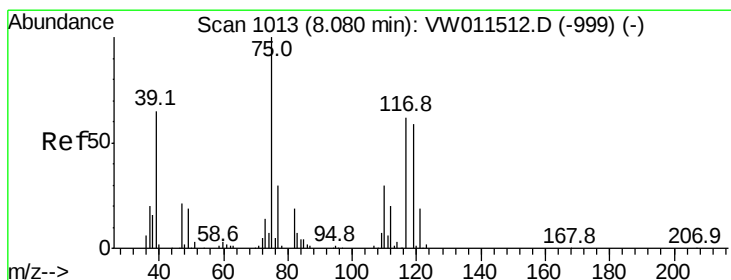
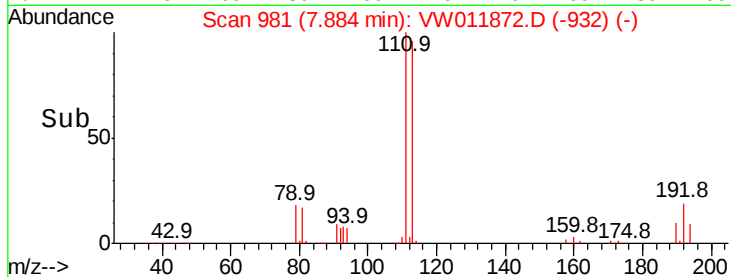
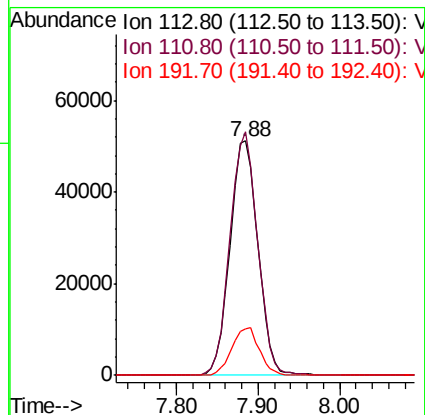
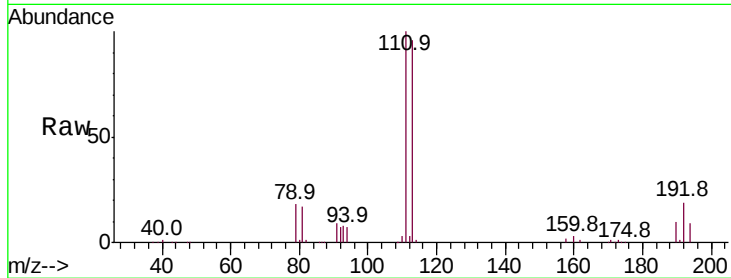




#35
 Dibromofluoromethane
 Concen: 55.915 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011872.D
 Acq: 13 Aug 2019 01:37

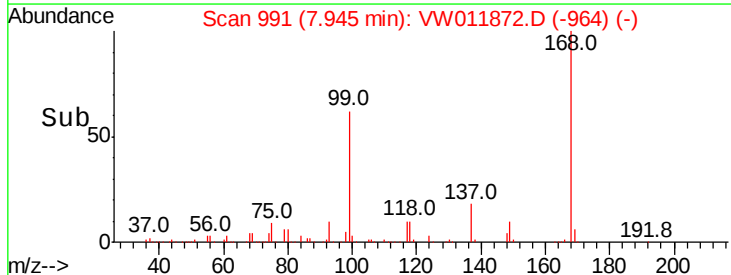
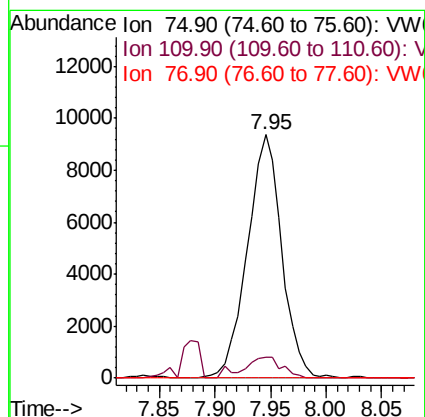
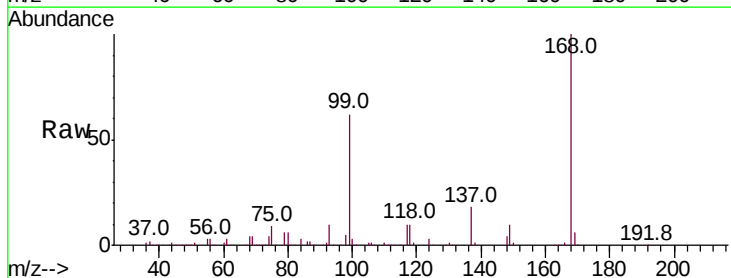
Instrument :
 MSVOA_W
 ClientSampleId :

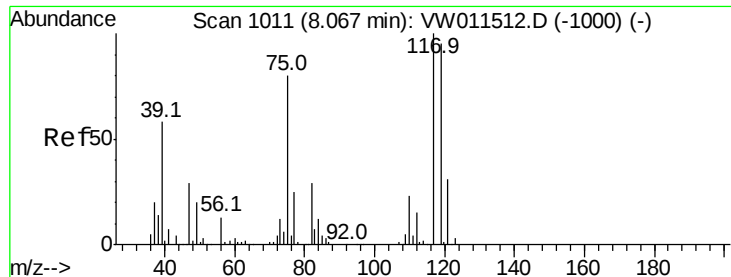
Tot Ion:113 Resp: 121252
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.7 124.1
 192 20.0 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 5.005 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011872.D
 Acq: 13 Aug 2019 01:37

Tgt Ion: 75 Resp: 20116
 Ion Ratio Lower Upper
 75 100
 110 9.7 15.6 46.8#
 77 0.0 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 6.756 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW011872.D

Acq: 13 Aug 2019 01:37

Instrument :

MSVOA_W

ClientSampled :

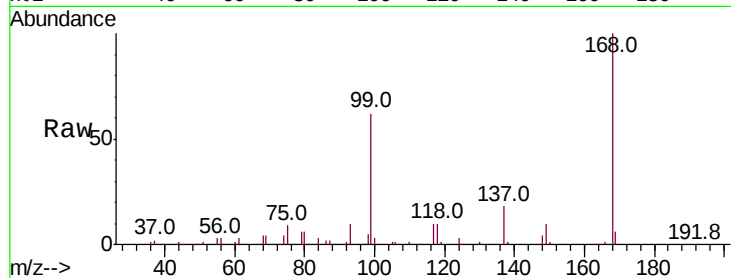
Tot Ion:117 Resp: 23246

Ion Ratio Lower Upper

117 100

119 4.9 75.8 113.6#

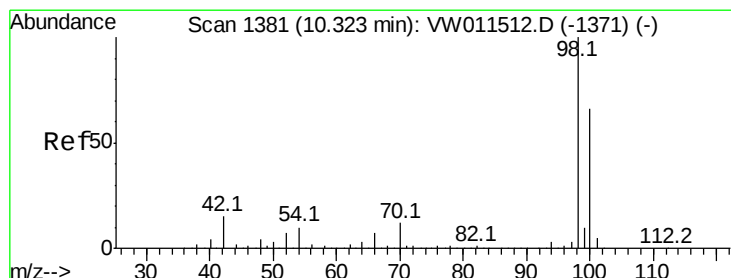
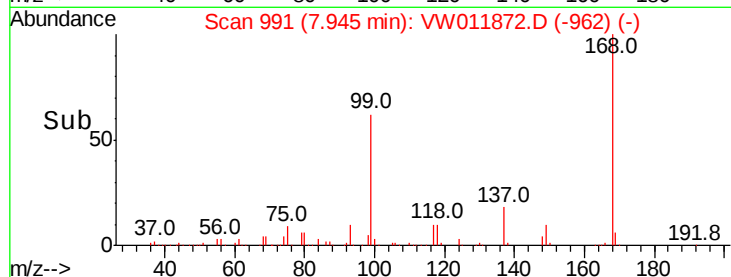
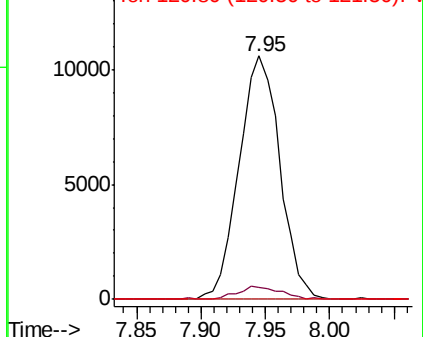
121 0.0 24.7 37.1#



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



#50

Toluene-d8

Concen: 55.778 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011872.D

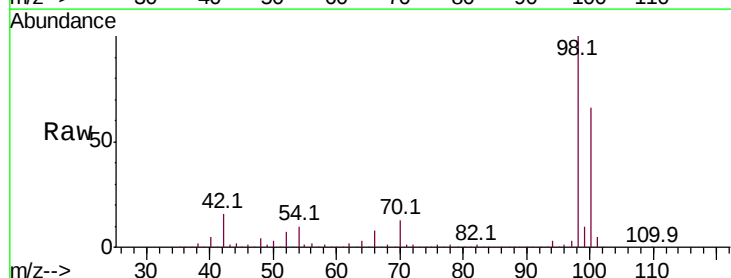
Acq: 13 Aug 2019 01:37

Tgt Ion: 98 Resp: 495226

Ion Ratio Lower Upper

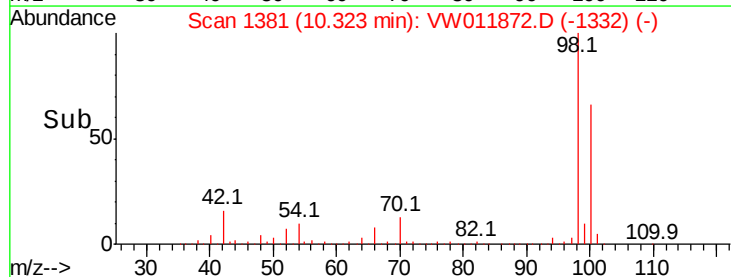
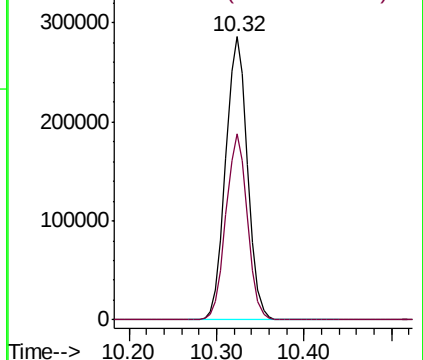
98 100

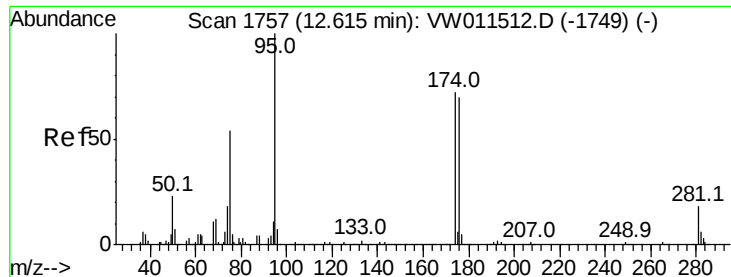
100 64.8 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

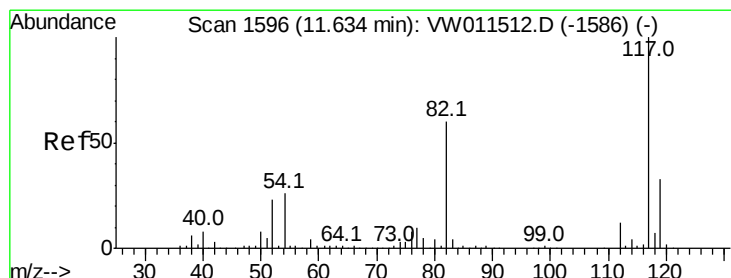
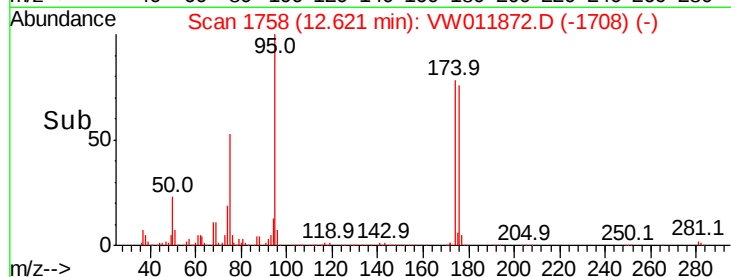
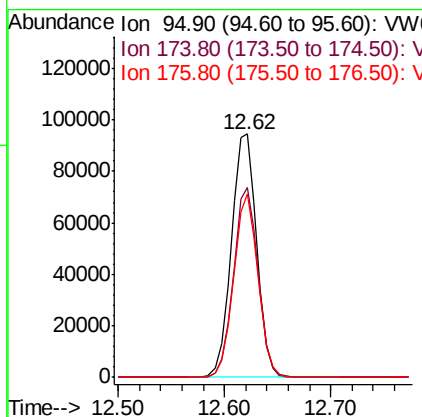
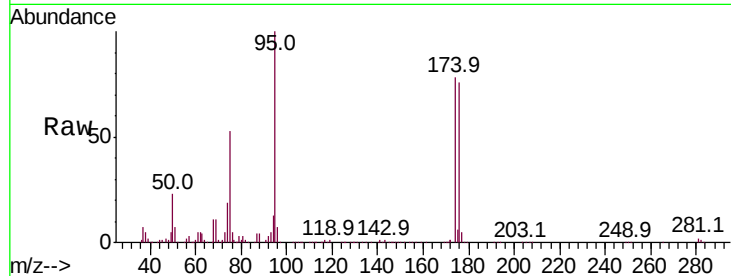




#62
4-Bromofluorobenzene
Concen: 49.640 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW011872.D
Acq: 13 Aug 2019 01:37

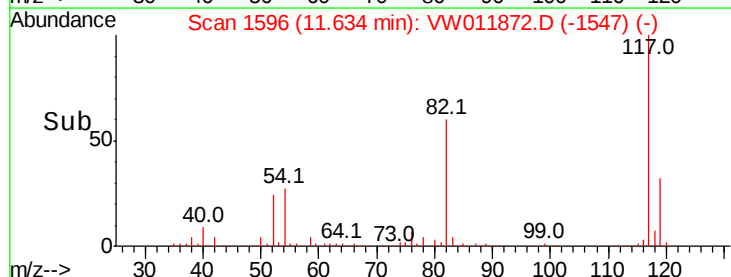
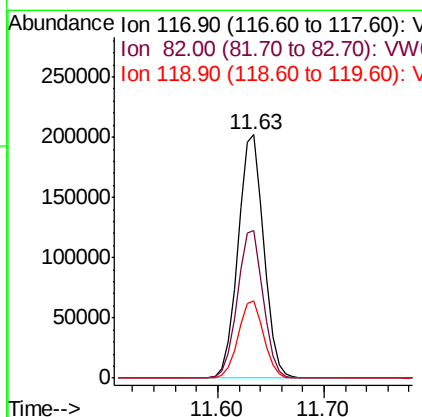
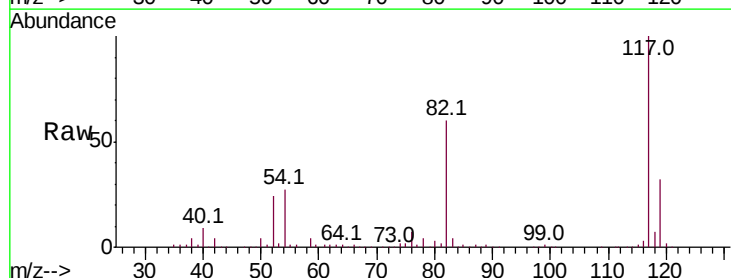
Instrument :
MSVOA_W
ClientSampleId :

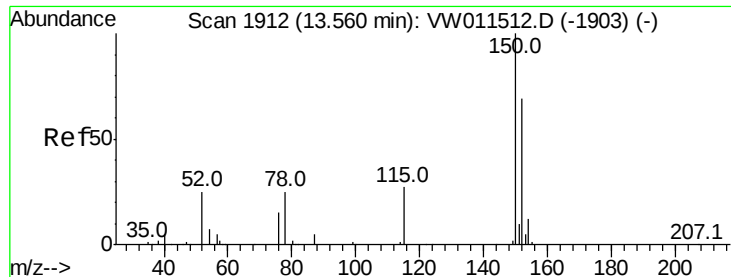
Tot Ion: 95 Resp: 157130
Ion Ratio Lower Upper
95 100
174 75.9 0.0 150.2
176 72.5 0.0 144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011872.D
Acq: 13 Aug 2019 01:37

Tgt Ion: 117 Resp: 342114
Ion Ratio Lower Upper
117 100
82 60.5 47.9 71.9
119 31.9 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: VW011872.D

Acq: 13 Aug 2019 01:37

Instrument :

MSVOA_W

ClientSampleId :

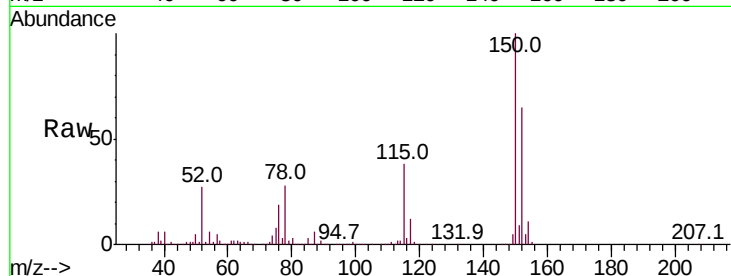
Tot Ion:152 Resp: 124678

Ion Ratio Lower Upper

152 100

115 60.8 30.5 91.5

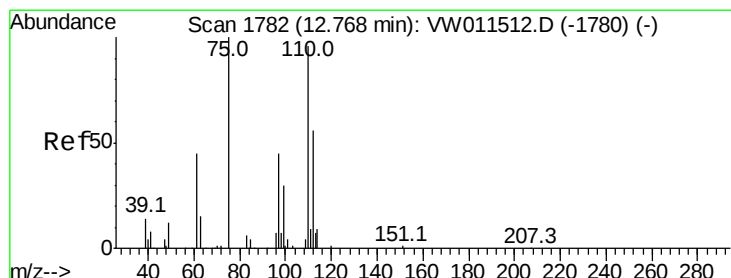
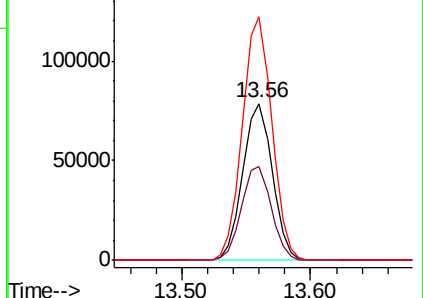
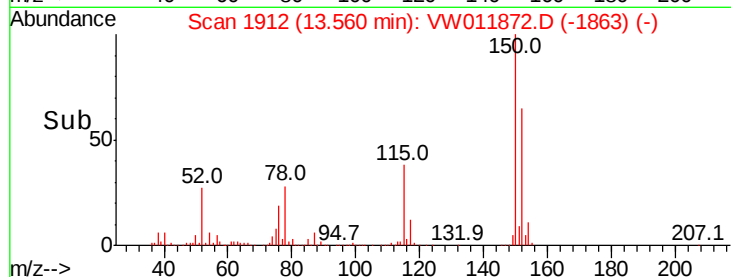
150 155.2 0.0 352.6



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: 65.268 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011872.D

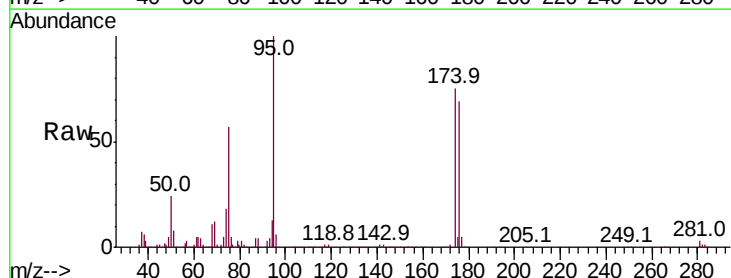
Acq: 13 Aug 2019 01:37

Tgt Ion: 75 Resp: 86104

Ion Ratio Lower Upper

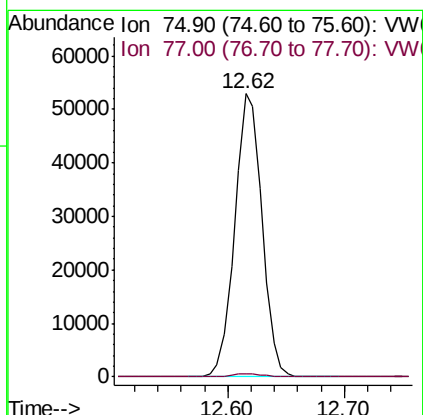
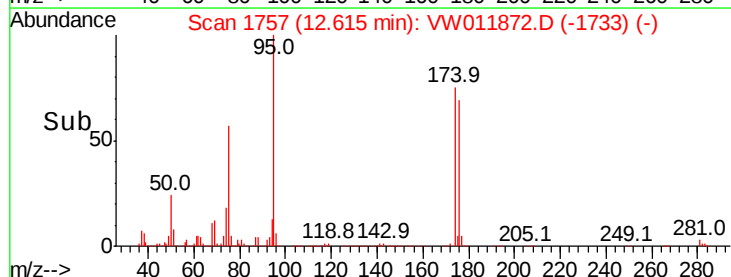
75 100

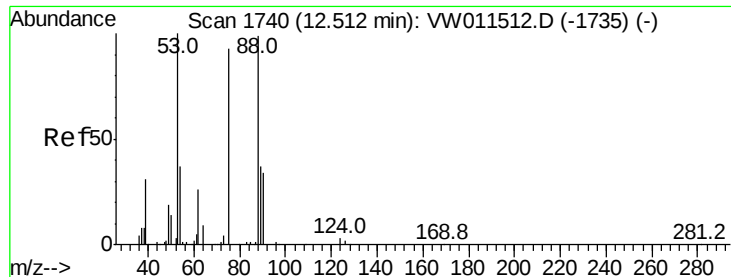
77 1.2 0.0 0.0#



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: 150.420 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011872.D

Acq: 13 Aug 2019 01:37

Instrument :

MSVOA_W

ClientSampleId :

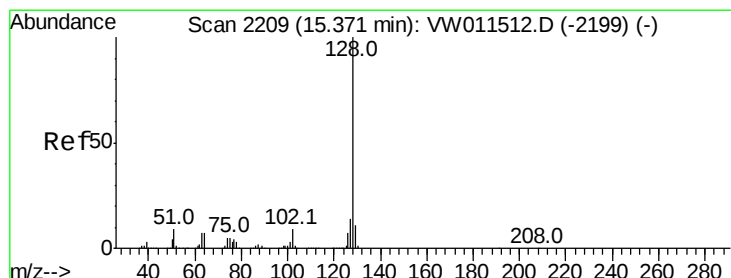
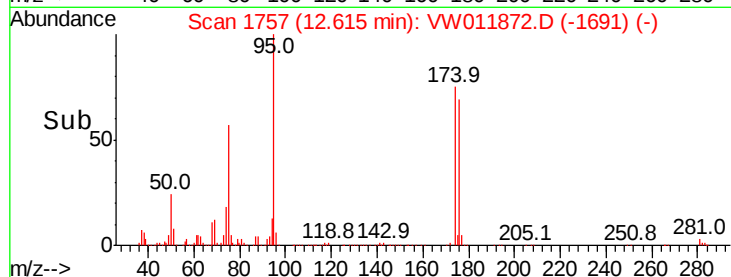
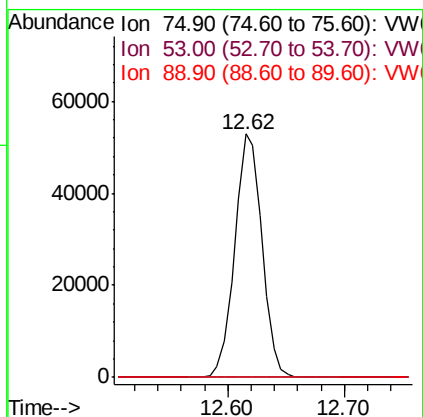
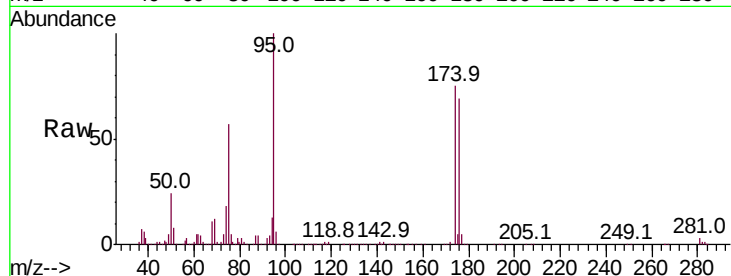
Tot Ion: 75 Resp: 86104

Ion Ratio Lower Upper

75 100

53 0.1 88.0 132.0#

89 0.0 35.3 52.9#



#95

Naphthalene

Concen: 2.155 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VW011872.D

Acq: 13 Aug 2019 01:37

Tgt Ion: 128 Resp: 459

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 0.0 8.6 13.0#

