

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072719\
 Data File : VW011546.D
 Acq On : 27 Jul 2019 05:11
 Operator : SY/VA
 Sample : K4021-01
 Misc : 8.37G/5.0ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-10

Quant Time: Jul 27 06:53:36 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	227260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	378411	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	312990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	127460	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	154572	59.23	ug/l	0.00
Spiked Amount			Recovery	=	118.46%	
35) Dibromofluoromethane	7.88	113	116065	54.67	ug/l	0.00
Spiked Amount			Recovery	=	109.34%	
50) Toluene-d8	10.32	98	461342	53.08	ug/l	0.00
Spiked Amount			Recovery	=	106.16%	
62) 4-Bromofluorobenzene	12.62	95	148438	47.90	ug/l	0.00
Spiked Amount			Recovery	=	95.80%	

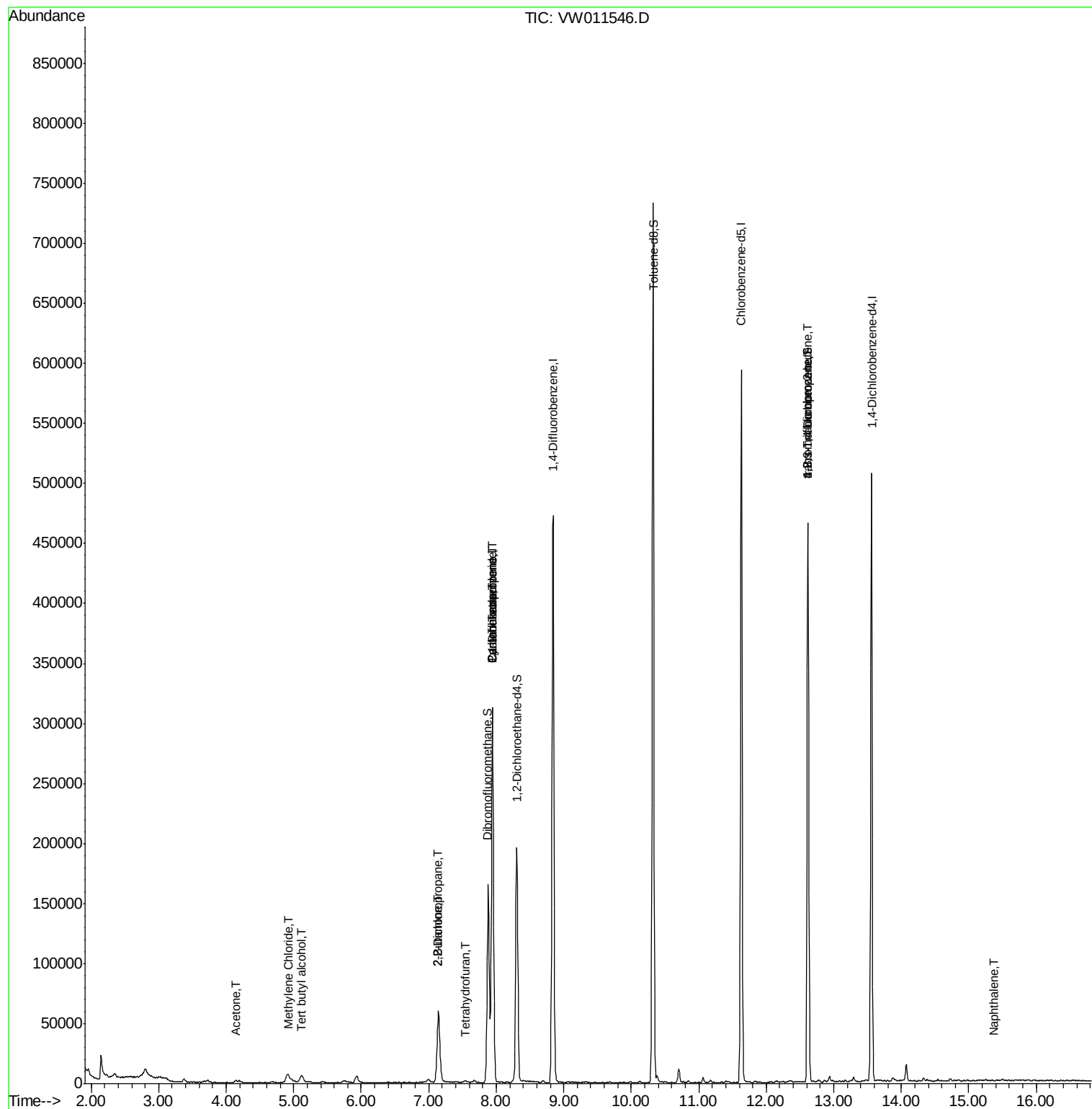
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.11	59	6001	14.353	ug/l #	74
16) Acetone	4.15	43	3986	4.802	ug/l	98
20) Methylene Chloride	4.92	84	4931	1.722	ug/l	94
25) 2-Butanone	7.14	43	4661	4.291	ug/l #	76
26) 2,2-Dichloropropane	7.14	77	3996	1.278	ug/l #	54
29) Tetrahydrofuran	7.54	42	1247	2.008	ug/l #	93
31) Cyclohexane	7.95	56	5856	1.200	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	20161	5.124	ug/l #	52
38) Carbon Tetrachloride	7.95	117	22820	6.775	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	78697	58.351	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	78697	134.480	ug/l #	6
95) Naphthalene	15.38	128	145	2.094	ug/l #	69

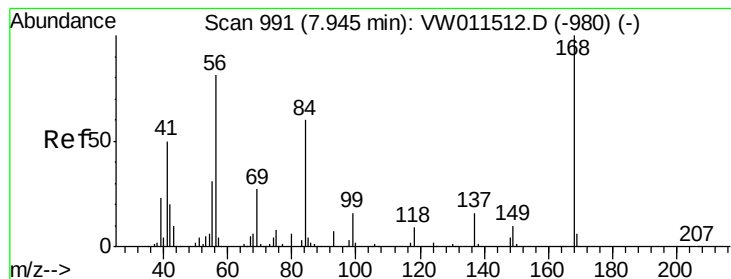
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011546.D

Acq: 27 Jul 2019 05:11

Instrument :

MSVOA_W

ClientSampleId :

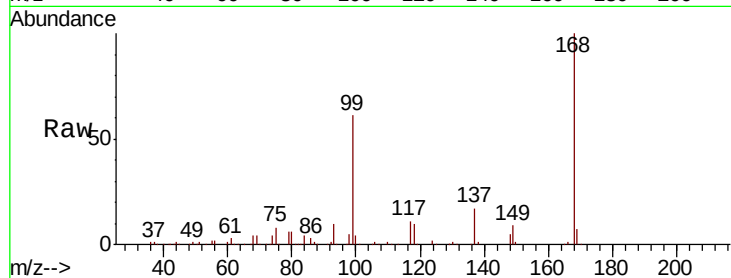
TP-10

Tot Ion:168 Resp: 227260

Ion Ratio Lower Upper

168 100

99 61.3 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

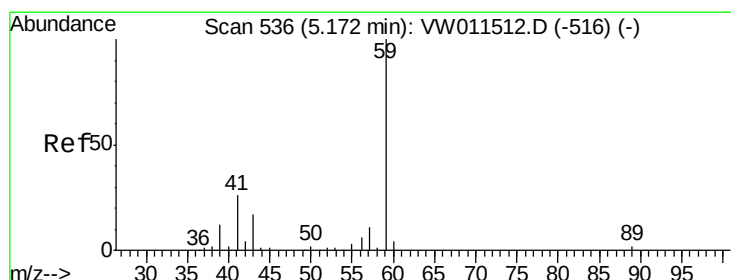
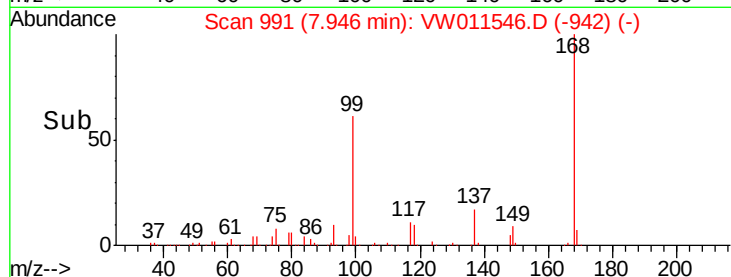
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 14.353 ug/l

RT: 5.11 min Scan# 526

Delta R.T. -0.06 min

Lab File: VW011546.D

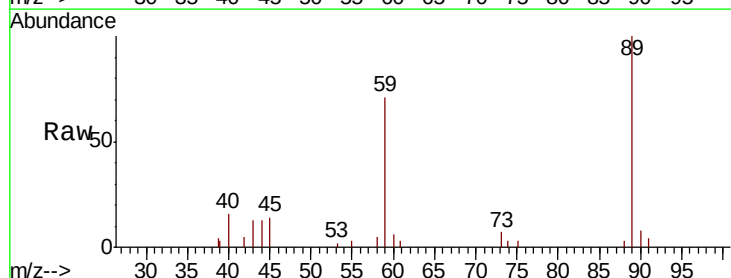
Acq: 27 Jul 2019 05:11

Tgt Ion: 59 Resp: 6001

Ion Ratio Lower Upper

59 100

57 0.7 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.11

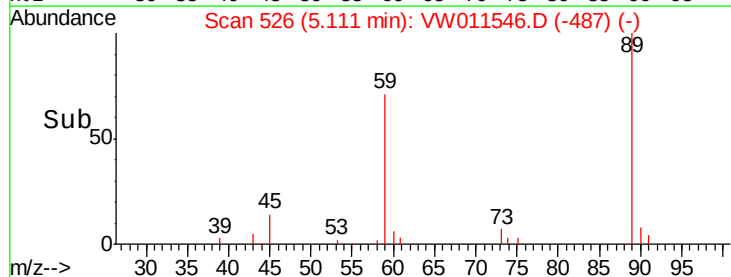
1500

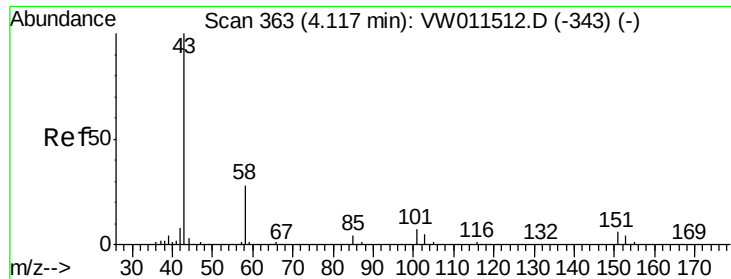
1000

500

0

Time-->

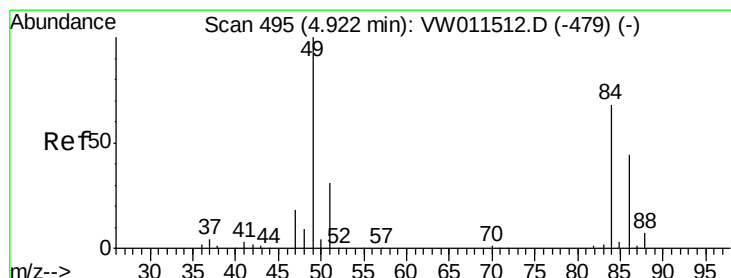
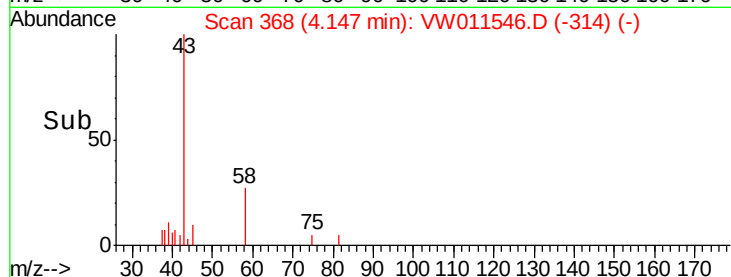
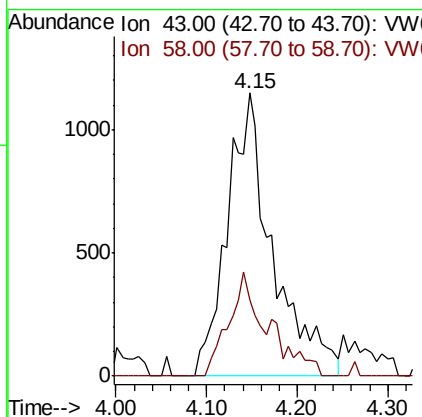
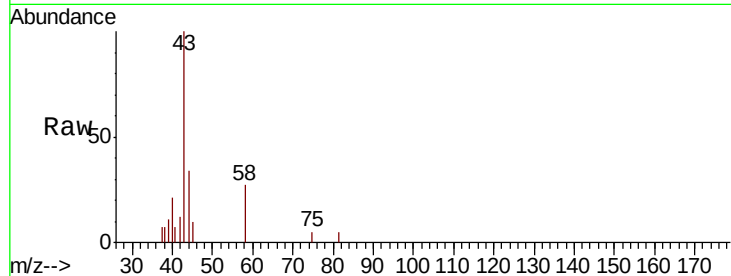




#16
Acetone
Concen: 4.802 ug/l
RT: 4.15 min Scan# 368
Delta R.T. 0.03 min
Lab File: VW011546.D
Acq: 27 Jul 2019 05:11

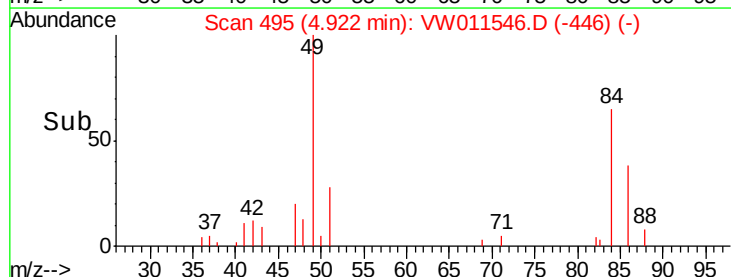
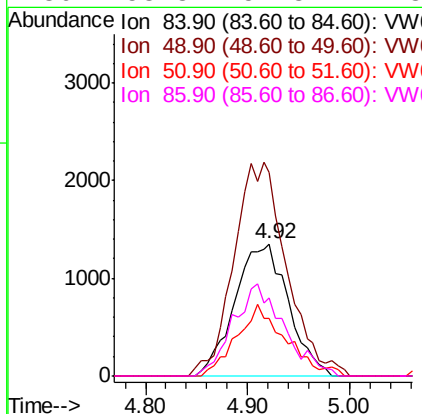
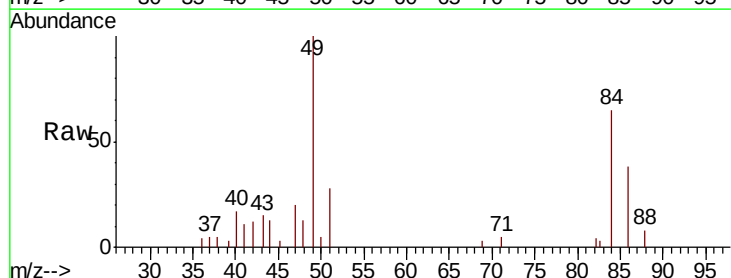
Instrument :
MSVOA_W
ClientSampleId :
TP-10

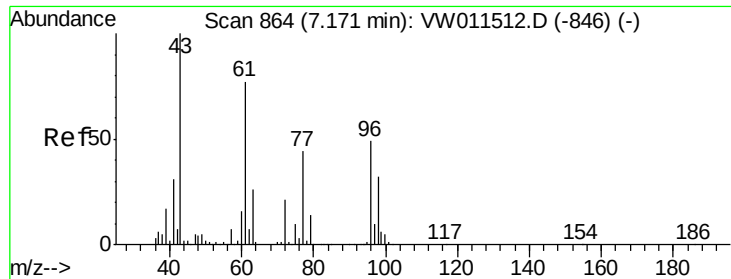
Tot Ion: 43 Resp: 3986
Ion Ratio Lower Upper
43 100
58 26.8 22.3 33.5



#20
Methylene Chloride
Concen: 1.722 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW011546.D
Acq: 27 Jul 2019 05:11

Tgt Ion: 84 Resp: 4931
Ion Ratio Lower Upper
84 100
49 153.8 117.8 176.6
51 43.5 37.0 55.4
86 58.8 51.8 77.8





#25

2-Butanone

Concen: 4.291 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW011546.D

Acq: 27 Jul 2019 05:11

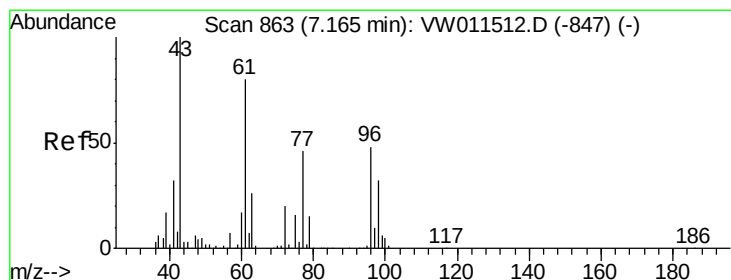
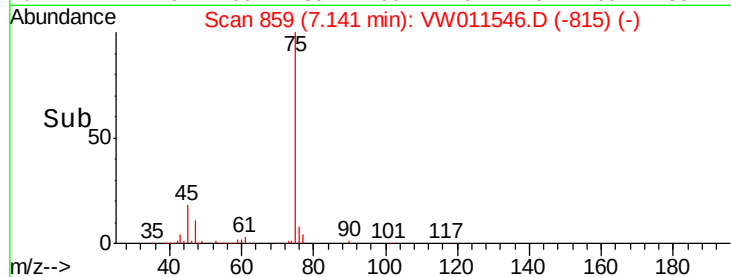
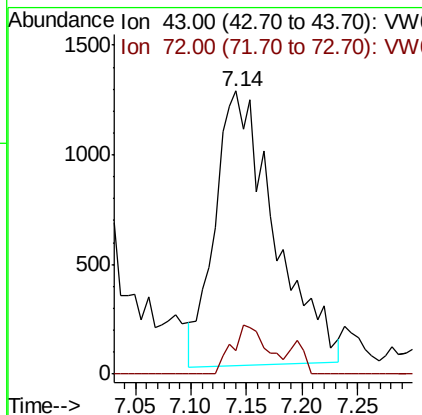
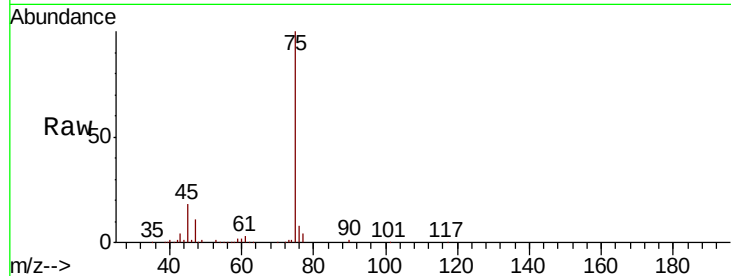
Instrument :
MSVOA_W
ClientSampled :
TP-10

Tot Ion: 43 Resp: 4661

Ion Ratio Lower Upper

43 100

72 9.6 16.6 24.8#



#26

2,2-Dichloropropane

Concen: 1.278 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW011546.D

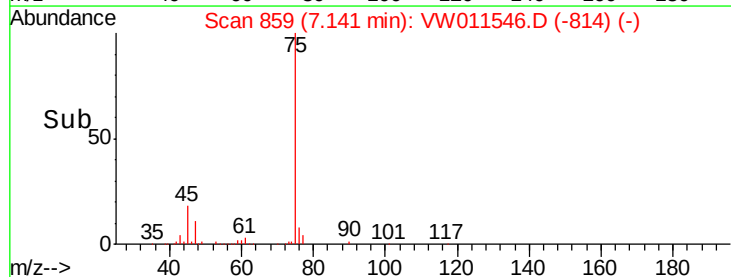
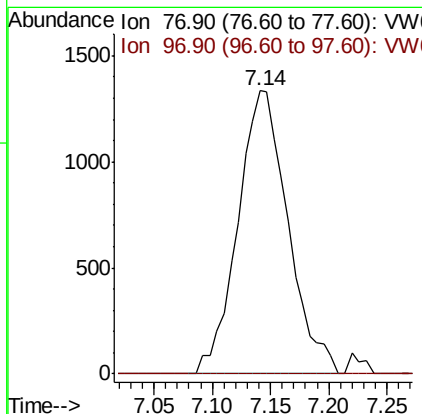
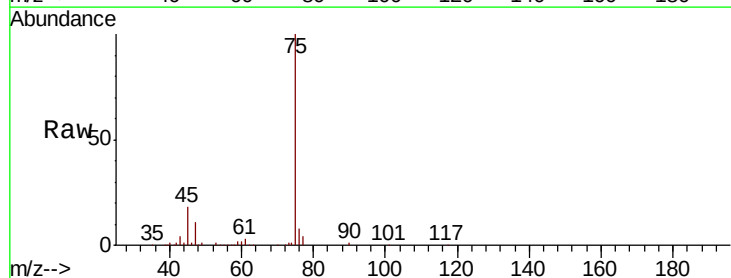
Acq: 27 Jul 2019 05:11

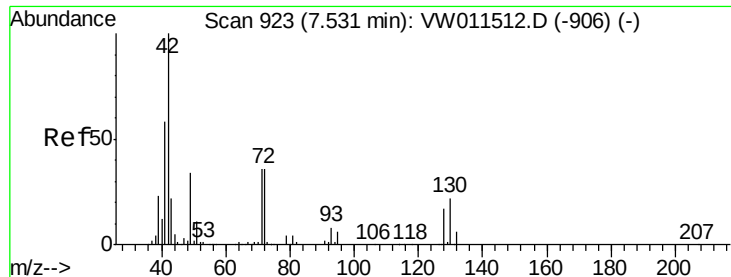
Tgt Ion: 77 Resp: 3996

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.4#

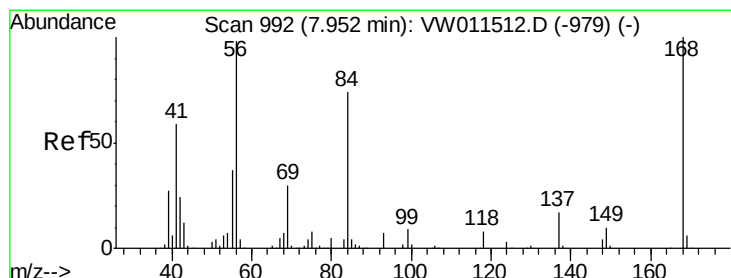
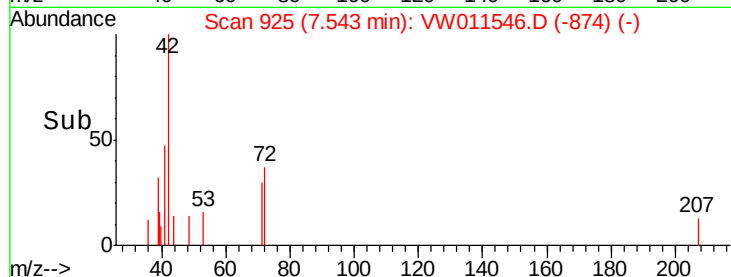
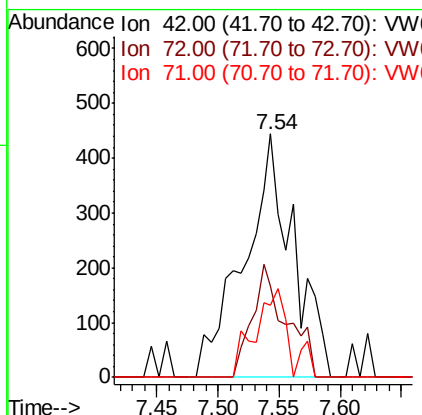
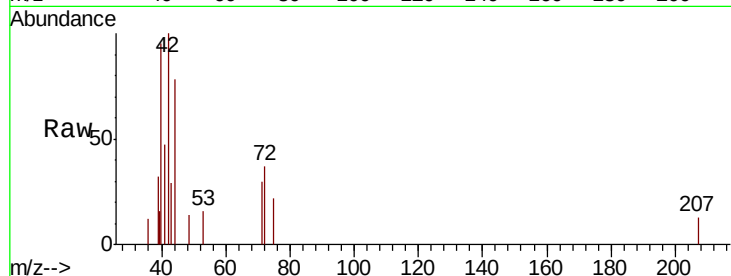




#29
Tetrahydrofuran
Concen: 2.008 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW011546.D
Acq: 27 Jul 2019 05:11

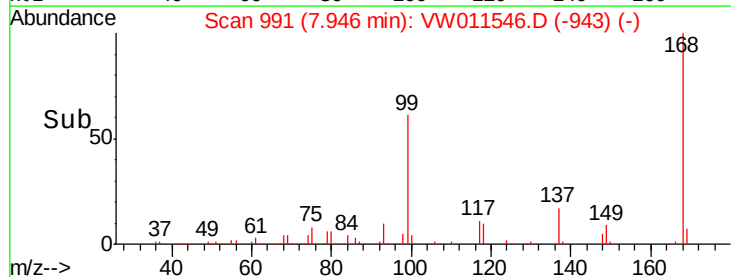
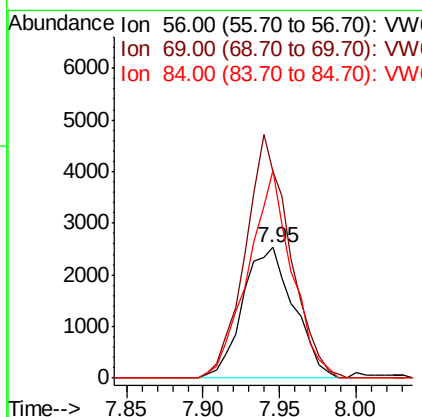
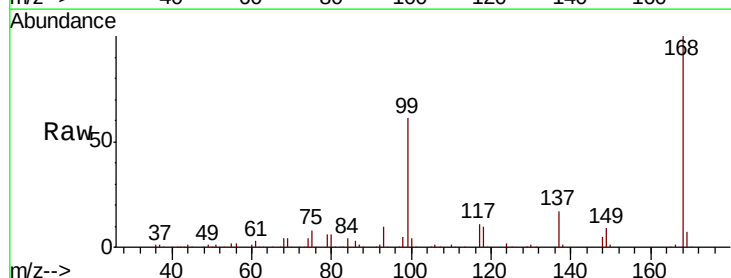
Instrument :
MSVOA_W
ClientSampleId :
TP-10

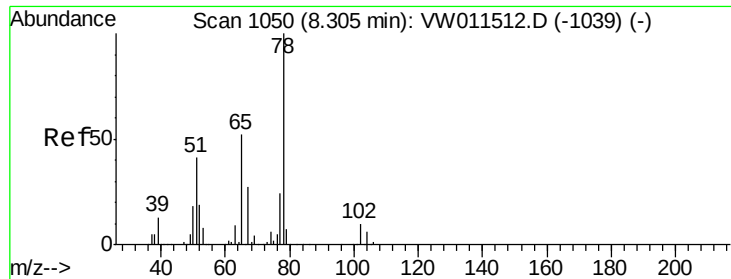
Tot Ion: 42 Resp: 1247
Ion Ratio Lower Upper
42 100
72 32.6 27.1 40.7
71 25.6 26.2 39.4#



#31
Cyclohexane
Concen: 1.200 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW011546.D
Acq: 27 Jul 2019 05:11

Tgt Ion: 56 Resp: 5856
Ion Ratio Lower Upper
56 100
69 158.7 24.3 36.5#
84 159.4 60.4 90.6#

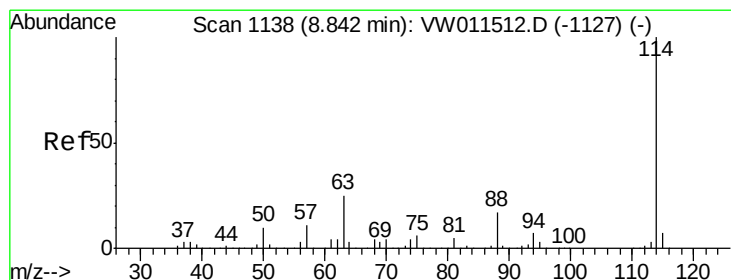
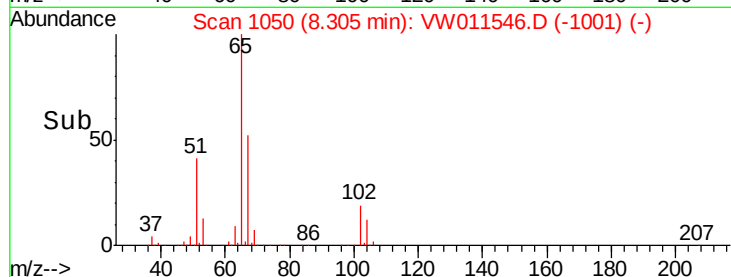
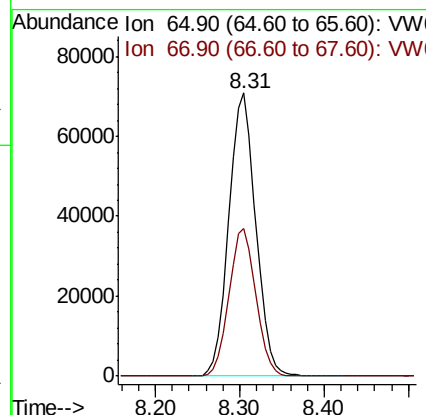
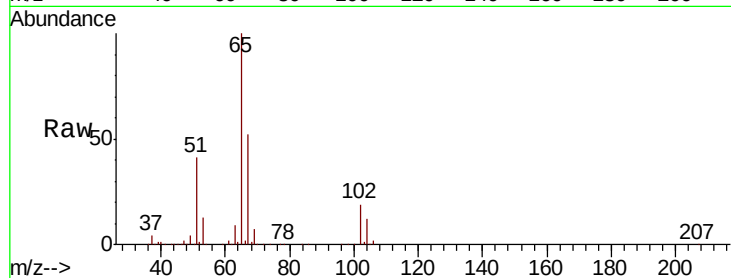




#33
 1,2-Dichloroethane-d4
 Concen: 59.233 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011546.D
 Acq: 27 Jul 2019 05:11

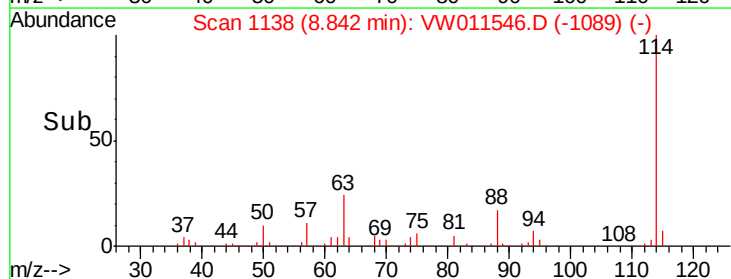
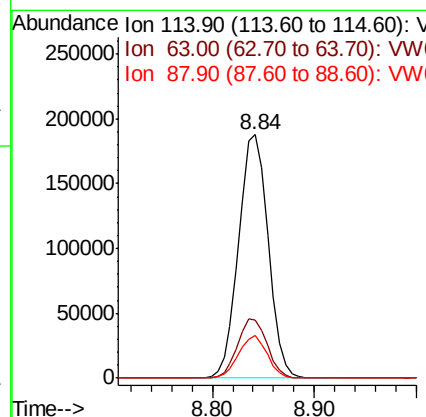
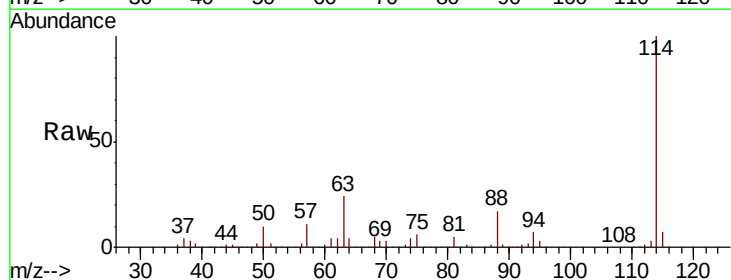
Instrument :
 MSVOA_W
 ClientSampled :
 TP-10

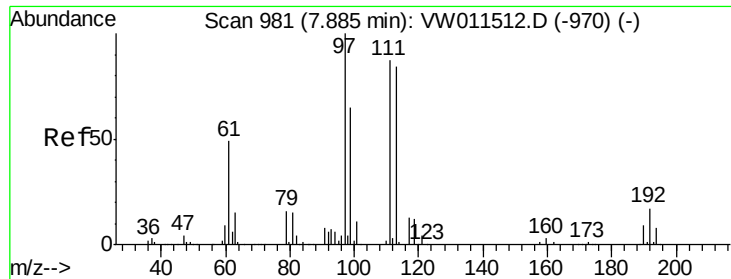
Tot Ion: 65 Resp: 154572
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011546.D
 Acq: 27 Jul 2019 05:11

Tgt Ion: 114 Resp: 378411
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 49.2
 88 17.3 0.0 33.8

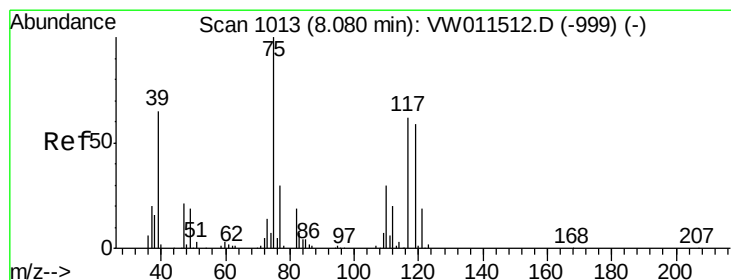
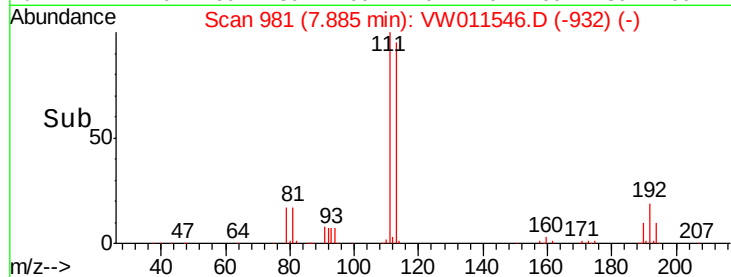
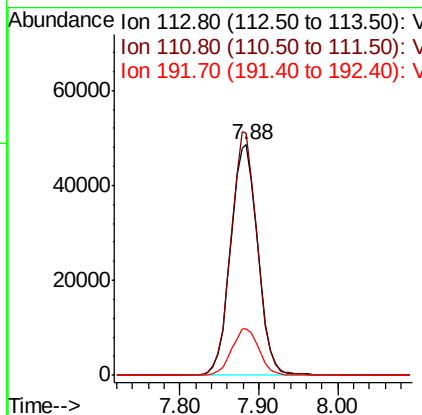
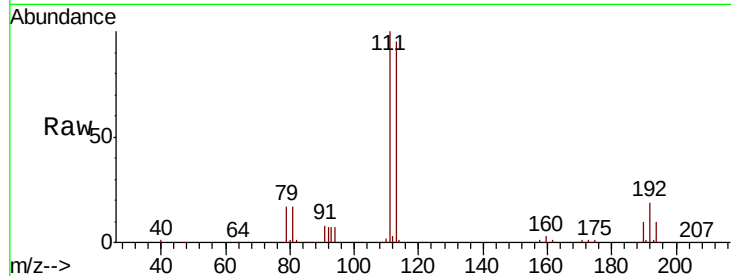




#35
 Dibromofluoromethane
 Concen: 54.671 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011546.D
 Acq: 27 Jul 2019 05:11

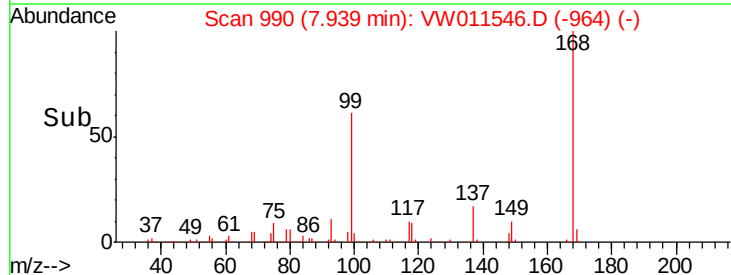
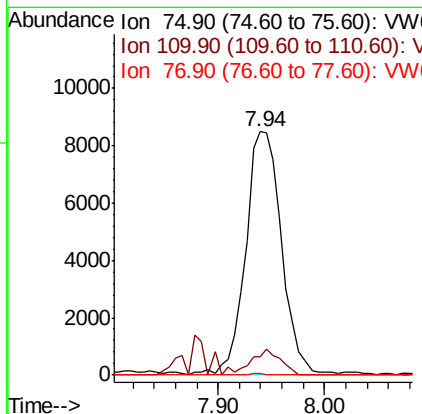
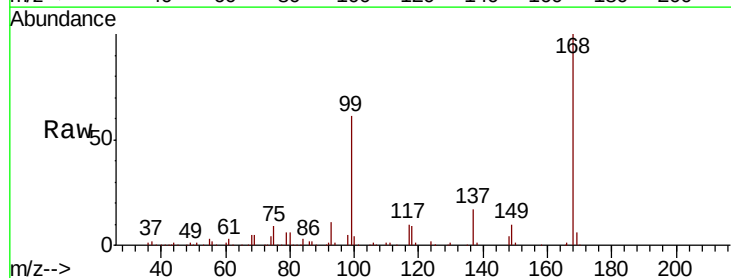
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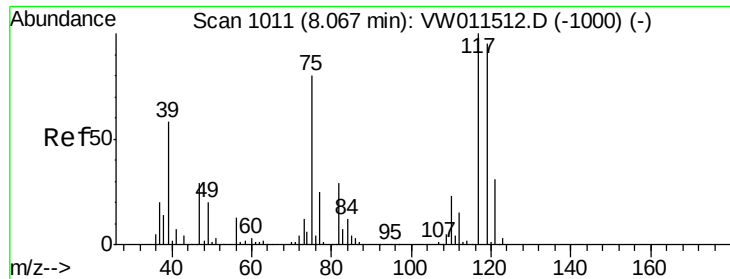
Tot Ion:113 Resp: 116065
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.7 124.1
 192 20.2 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 5.124 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW011546.D
 Acq: 27 Jul 2019 05:11

Tgt Ion: 75 Resp: 20161
 Ion Ratio Lower Upper
 75 100
 110 8.4 15.6 46.8#
 77 0.2 24.3 36.5#

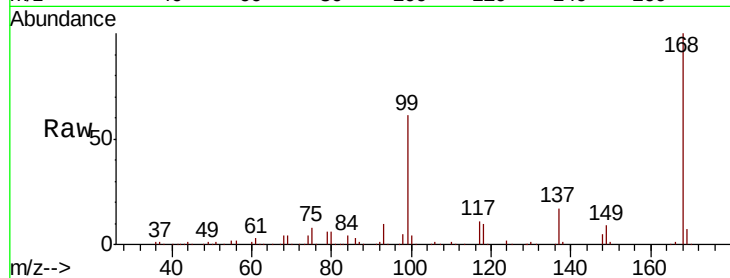




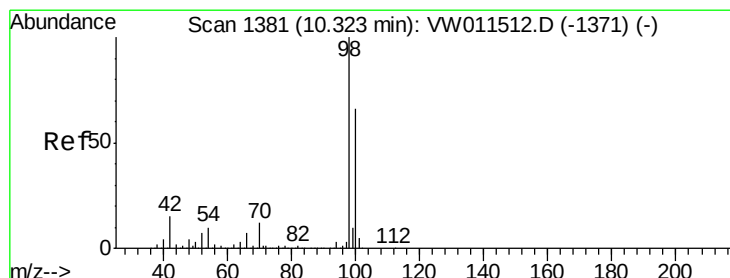
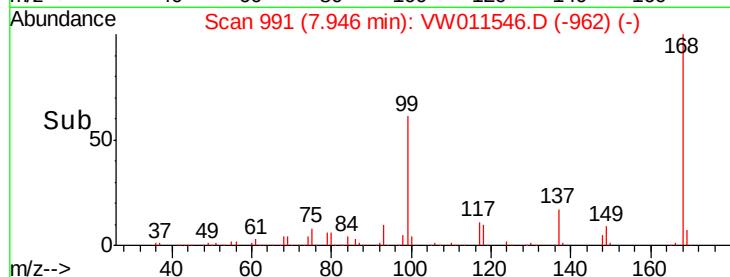
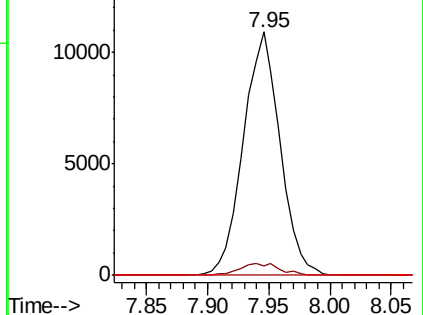
#38
Carbon Tetrachloride
Concen: 6.775 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW011546.D
Acq: 27 Jul 2019 05:11

Instrument :
MSVOA_W
ClientSampled :
TP-10

Tot Ion:117 Resp: 22820
Ion Ratio Lower Upper
117 100
119 3.9 75.8 113.6#
121 0.0 24.7 37.1#

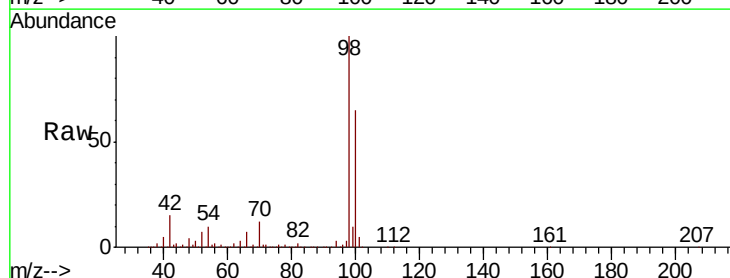


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

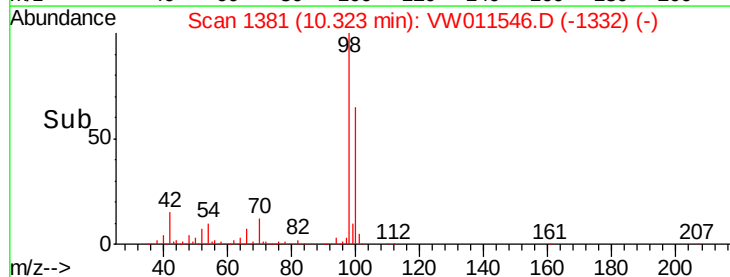
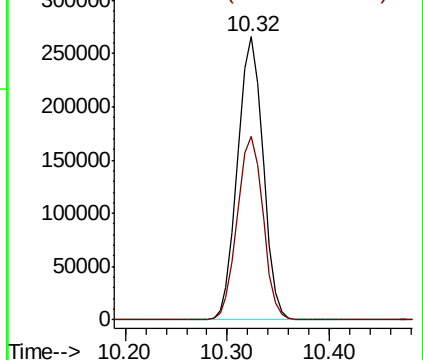


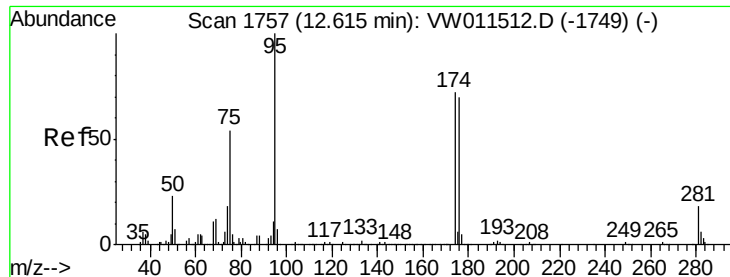
#50
Toluene-d8
Concen: 53.077 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011546.D
Acq: 27 Jul 2019 05:11

Tgt Ion: 98 Resp: 461342
Ion Ratio Lower Upper
98 100
100 65.4 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V

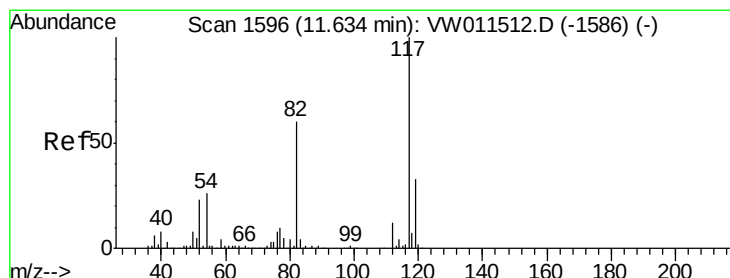
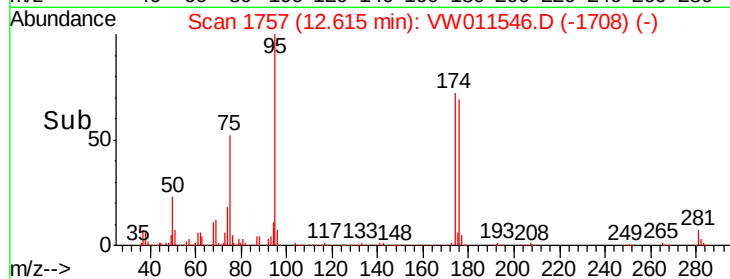
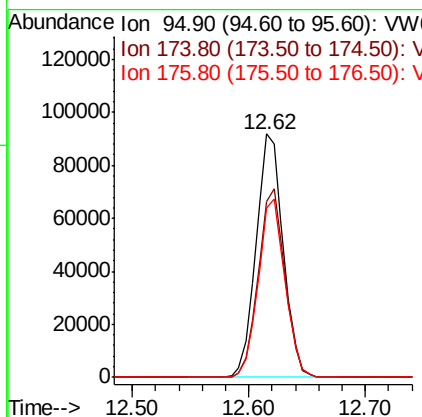
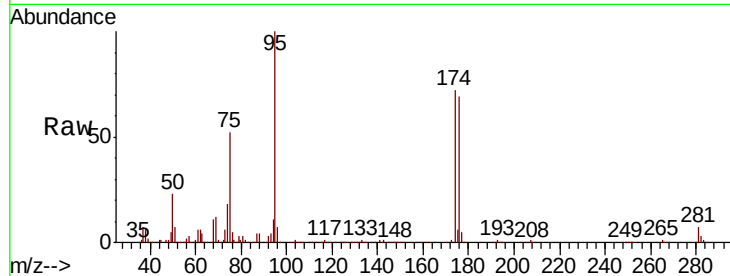




#62
4-Bromofluorobenzene
Concen: 47.901 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW011546.D
Acq: 27 Jul 2019 05:11

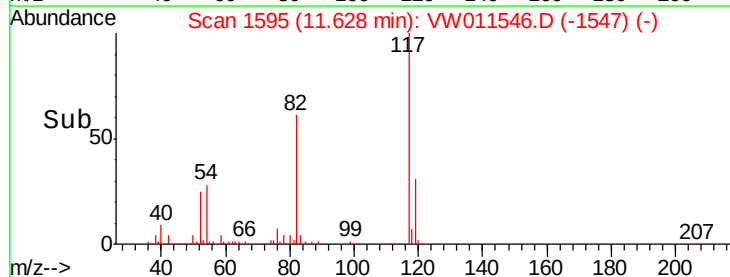
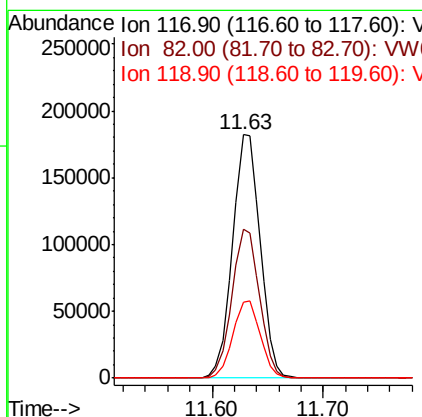
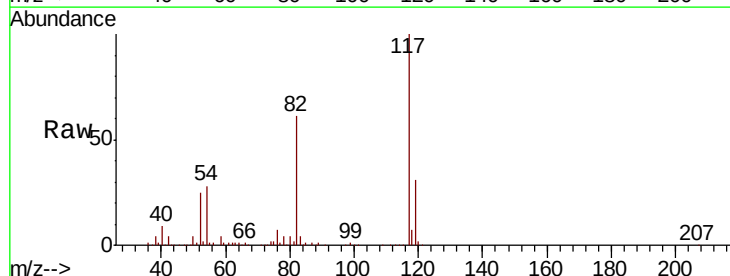
Instrument :
MSVOA_W
ClientSampled :
TP-10

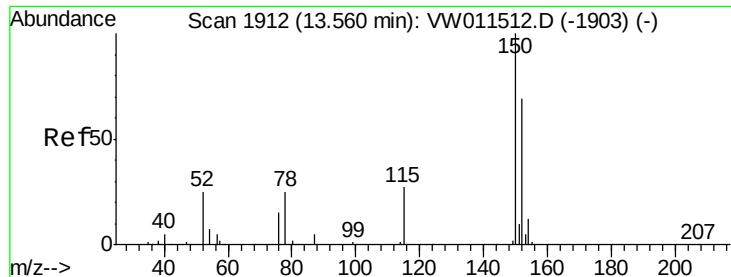
Tot Ion: 95 Resp: 148438
Ion Ratio Lower Upper
95 100
174 76.1 0.0 150.2
176 72.6 0.0 144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011546.D
Acq: 27 Jul 2019 05:11

Tgt Ion: 117 Resp: 312990
Ion Ratio Lower Upper
117 100
82 61.0 47.9 71.9
119 31.1 26.2 39.2



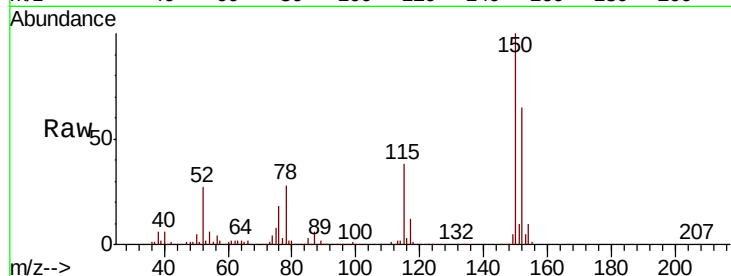


#72

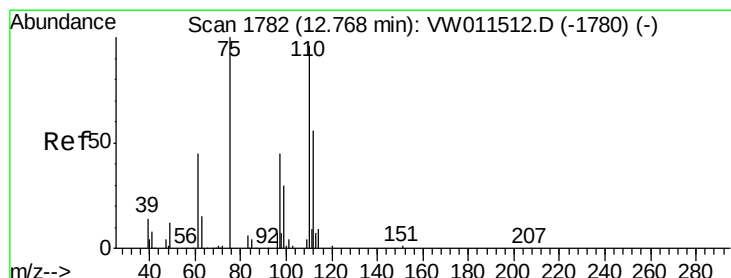
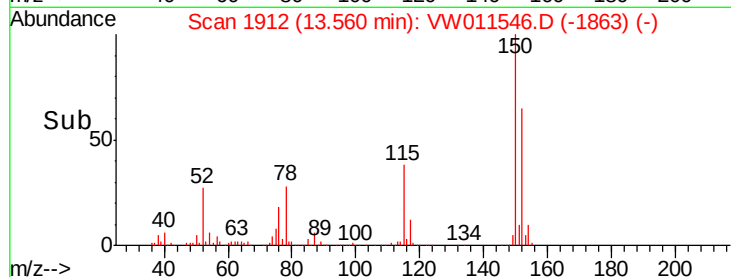
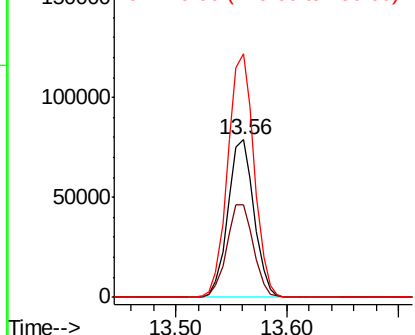
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011546.D
Acq: 27 Jul 2019 05:11

Instrument :
MSVOA_W
ClientSampleId :
TP-10

Tot Ion:152 Resp: 127460
Ion Ratio Lower Upper
152 100
115 60.1 30.5 91.5
150 155.8 0.0 352.6



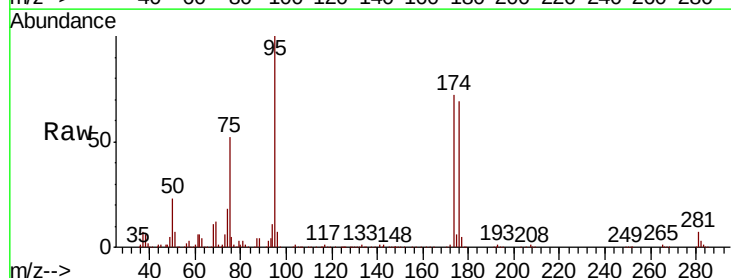
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



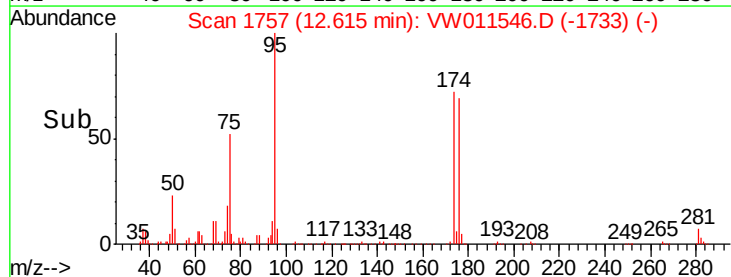
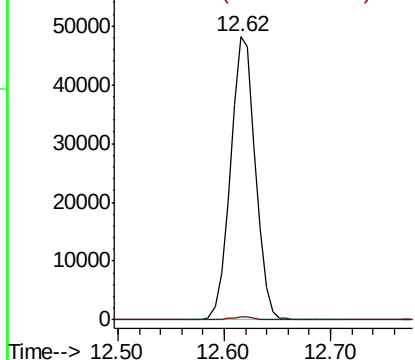
#76

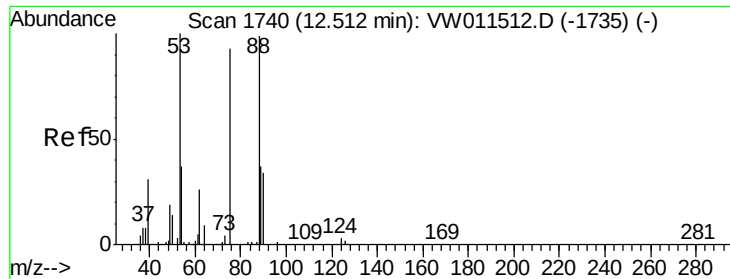
1,2,3-Trichloropropane
Concen: 58.351 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW011546.D
Acq: 27 Jul 2019 05:11

Tgt Ion: 75 Resp: 78697
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

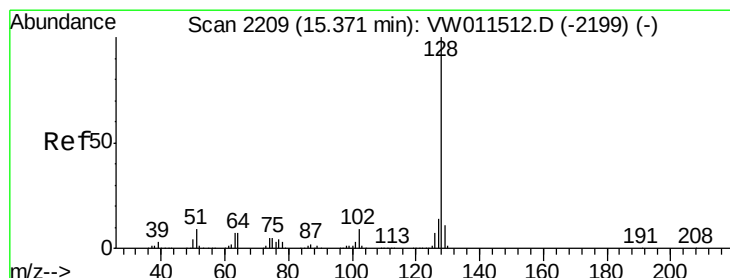
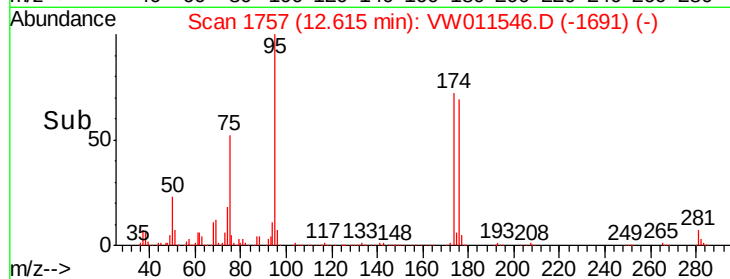
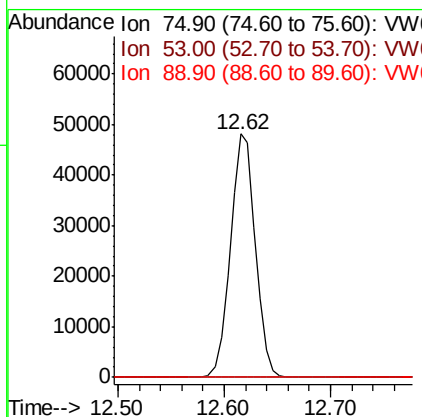
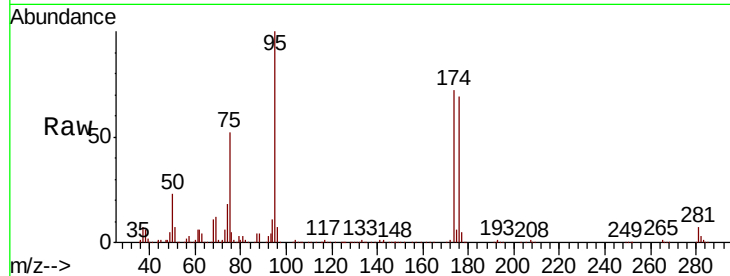




#81
trans-1,4-Dichloro-2-butene
Concen: 134.480 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW011546.D
Acq: 27 Jul 2019 05:11

Instrument :
MSVOA_W
ClientSampleId :
TP-10

Tot Ion: 75 Resp: 78697
Ion Ratio Lower Upper
75 100
53 0.1 88.0 132.0#
89 0.1 35.3 52.9#



#95
Naphthalene
Concen: 2.094 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW011546.D
Acq: 27 Jul 2019 05:11

Tgt Ion: 128 Resp: 145
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

