

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071819\
 Data File : VW011355.D
 Acq On : 19 Jul 2019 02:04
 Operator : SY/VA
 Sample : K3835-04
 Misc : 6.42G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 19 06:49:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	139172	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	280337	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	262304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	120585	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	112240	64.18	ug/l	0.00
Spiked Amount			Recovery	=	128.36%	
35) Dibromofluoromethane	7.88	113	81497	48.77	ug/l	0.00
Spiked Amount			Recovery	=	97.54%	
50) Toluene-d8	10.32	98	309735	45.86	ug/l	0.00
Spiked Amount			Recovery	=	91.72%	
62) 4-Bromofluorobenzene	12.62	95	114930	46.42	ug/l	0.00
Spiked Amount			Recovery	=	92.84%	

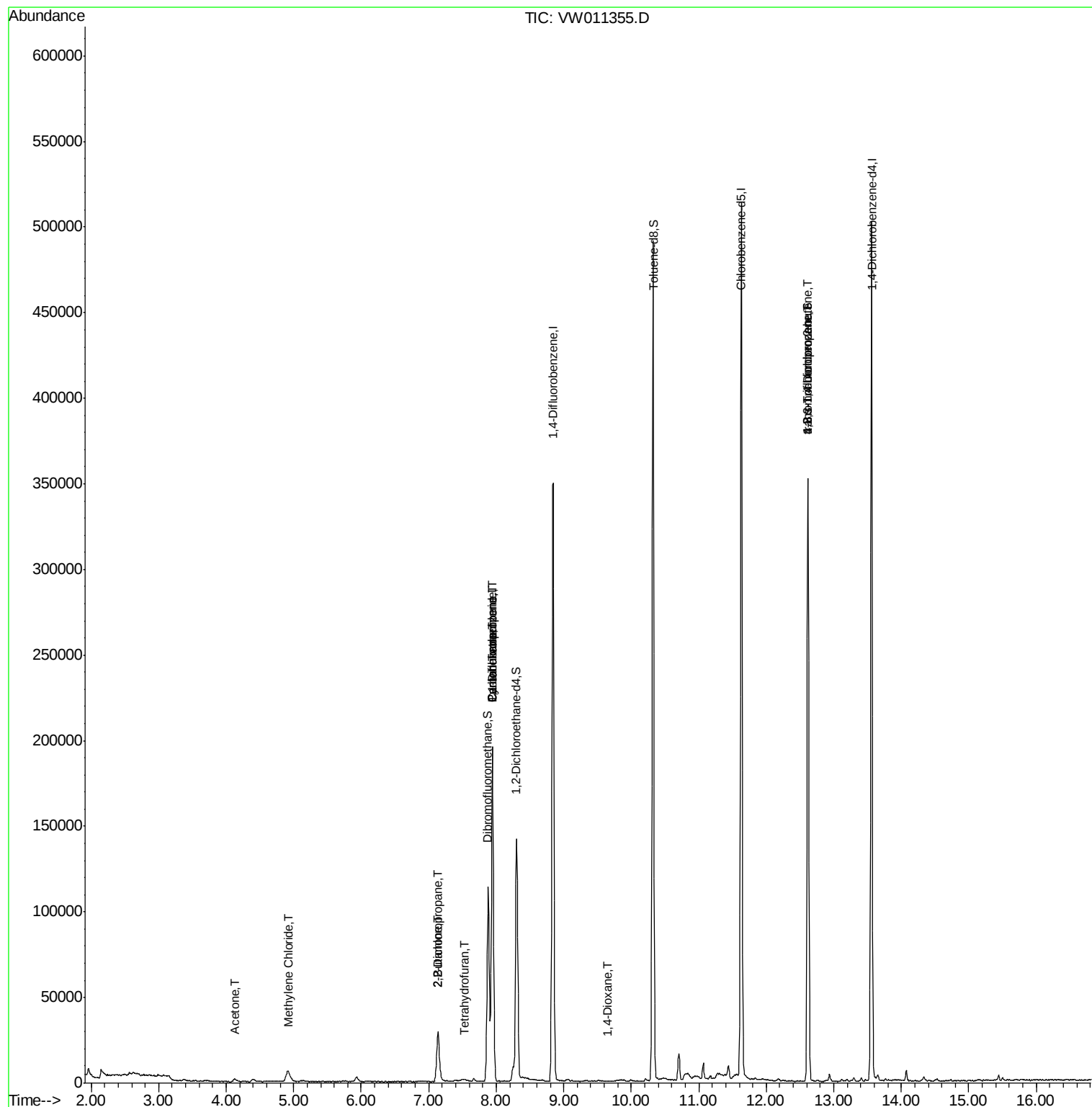
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	3187	7.574	ug/l	98
18) Methyl Acetate	4.65	43	90	Below Cal	#	57
20) Methylene Chloride	4.92	84	5231	3.151	ug/l #	80
25) 2-Butanone	7.13	43	2382	3.606	ug/l #	85
26) 2,2-Dichloropropane	7.13	77	2116	1.278	ug/l #	53
29) Tetrahydrofuran	7.54	42	822	1.898	ug/l #	88
31) Cyclohexane	7.95	56	3602	1.063	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	12264	4.108	ug/l #	51
38) Carbon Tetrachloride	7.95	117	14614	5.775	ug/l #	15
49) 1,4-Dioxane	9.64	88	19	1.085	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	61743	44.307	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	61743	100.215	ug/l #	6

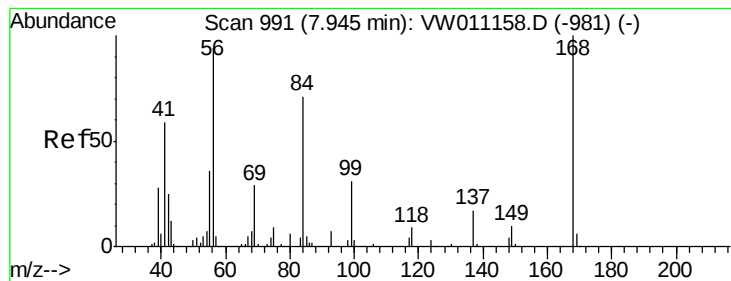
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011355.D

Acq: 19 Jul 2019 02:04

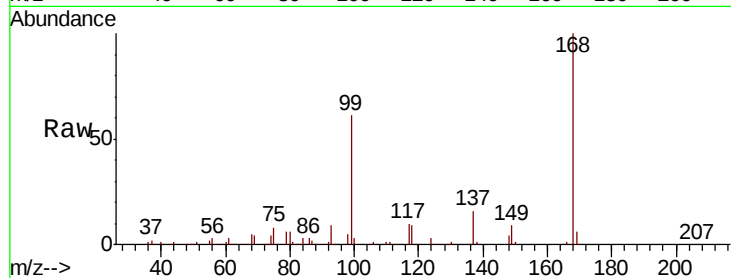
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 139172

Ion Ratio Lower Upper

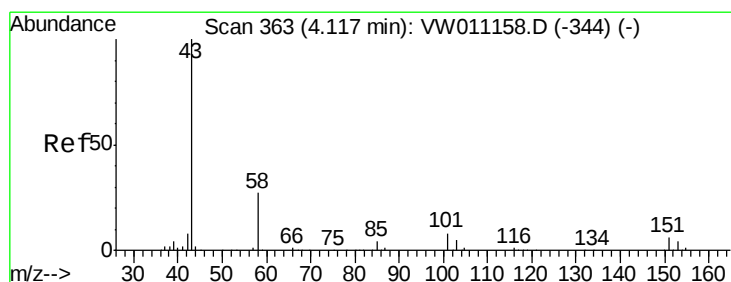
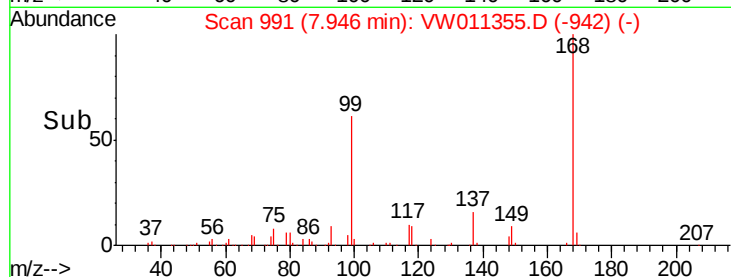
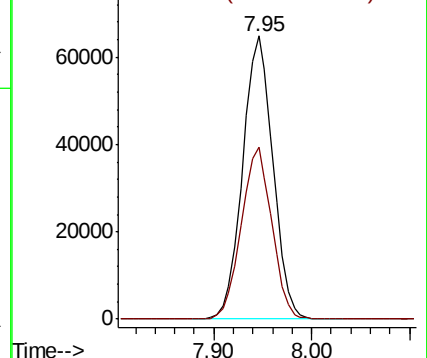
168 100

99 60.8 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 7.574 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011355.D

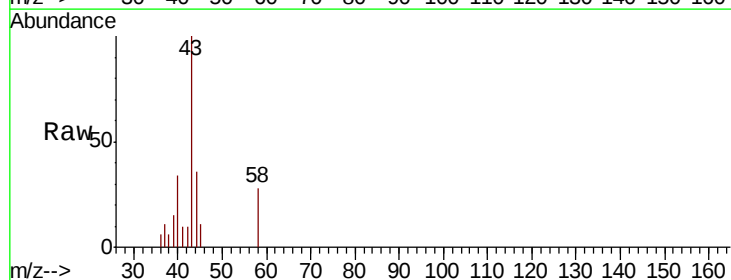
Acq: 19 Jul 2019 02:04

Tgt Ion: 43 Resp: 3187

Ion Ratio Lower Upper

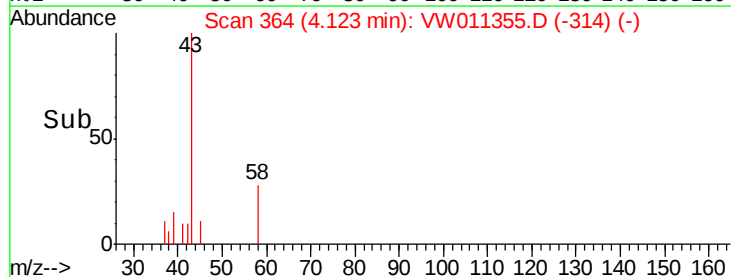
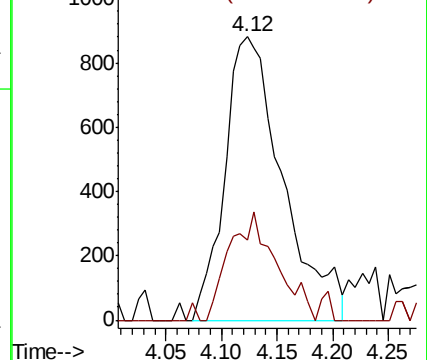
43 100

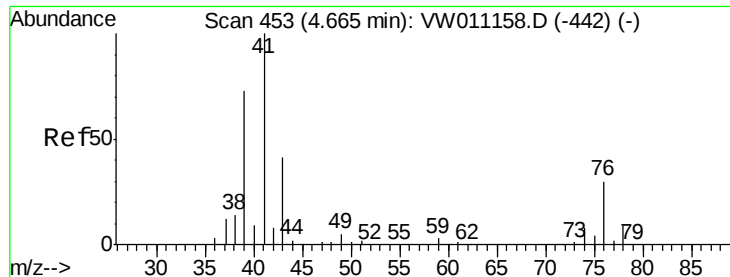
58 28.1 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

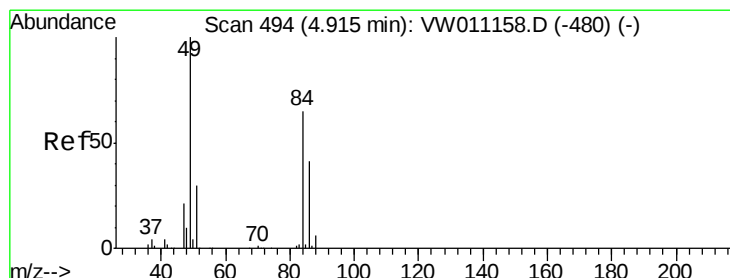
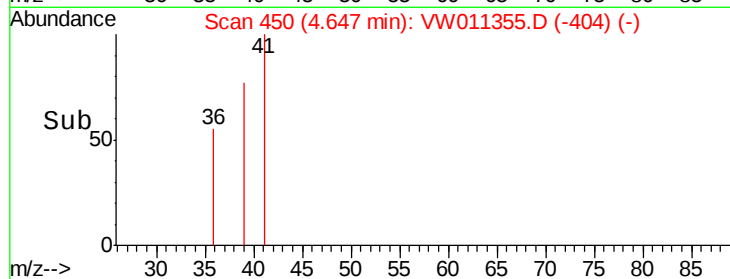
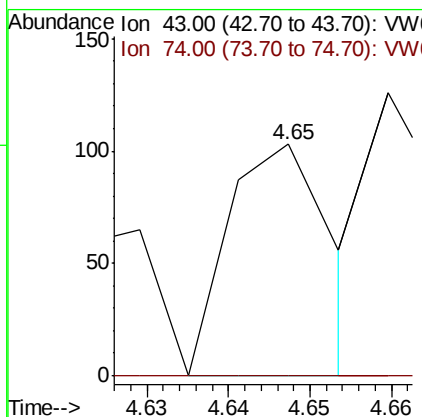
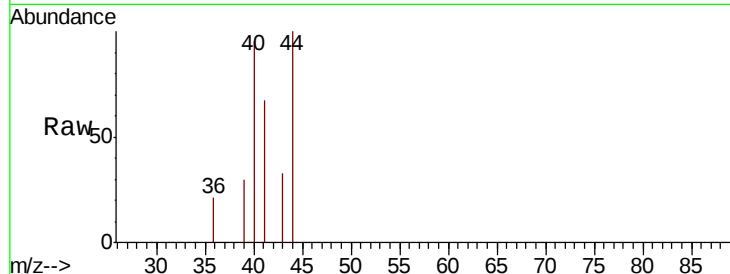




#18
Methyl Acetate
Concen: Below Cal
RT: 4.65 min Scan# 450
Delta R.T. -0.02 min
Lab File: VW011355.D
Acq: 19 Jul 2019 02:04

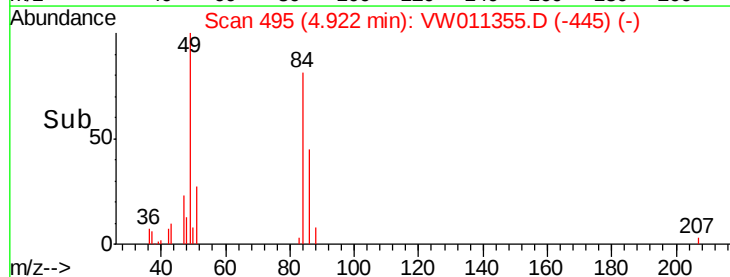
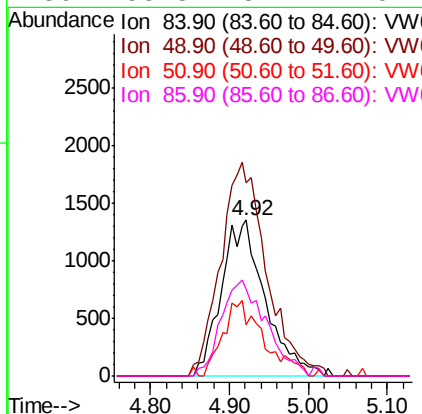
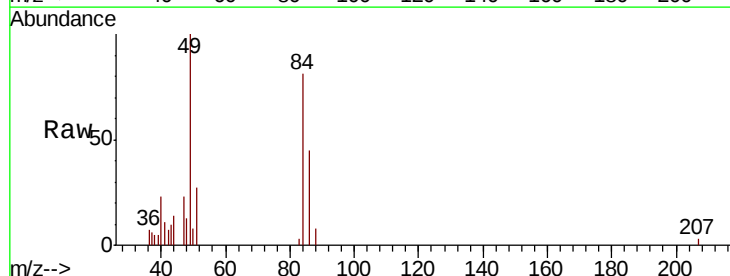
Instrument :
MSVOA_W
ClientSampled :

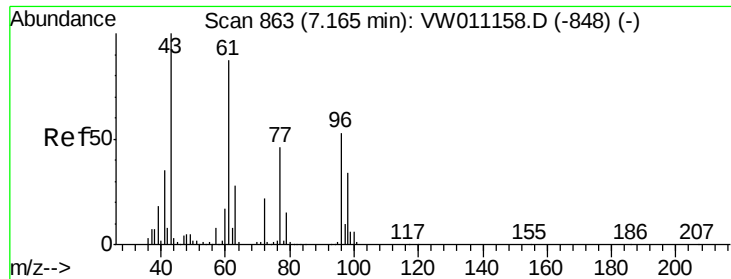
Tot Ion: 43 Resp: 90
Ion Ratio Lower Upper
43 100
74 0.0 15.7 23.5#



#20
Methylene Chloride
Concen: 3.151 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW011355.D
Acq: 19 Jul 2019 02:04

Tgt Ion: 84 Resp: 5231
Ion Ratio Lower Upper
84 100
49 123.6 123.8 185.6#
51 33.1 37.4 56.2#
86 55.8 51.1 76.7





#25

2-Butanone

Concen: 3.606 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

Lab File: VW011355.D

Acq: 19 Jul 2019 02:04

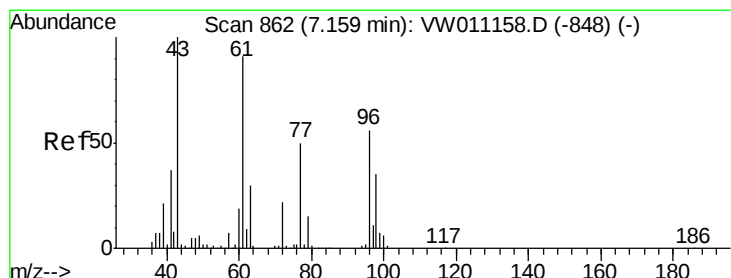
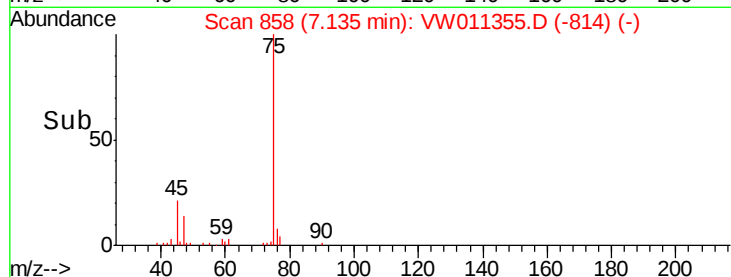
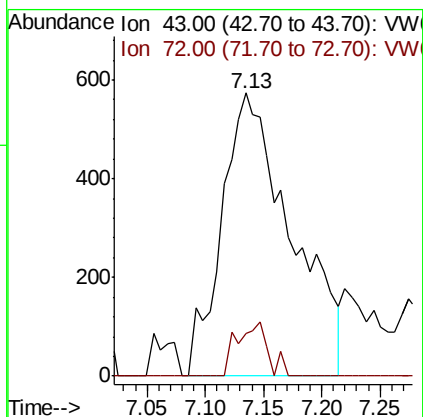
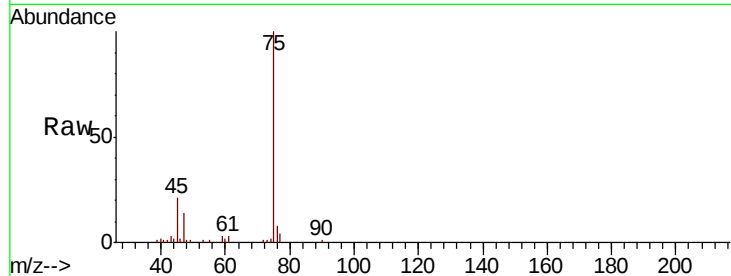
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 2382

Ion Ratio Lower Upper

43 100

72 15.0 17.6 26.4#



#26

2,2-Dichloropropane

Concen: 1.278 ug/l

RT: 7.13 min Scan# 857

Delta R.T. -0.03 min

Lab File: VW011355.D

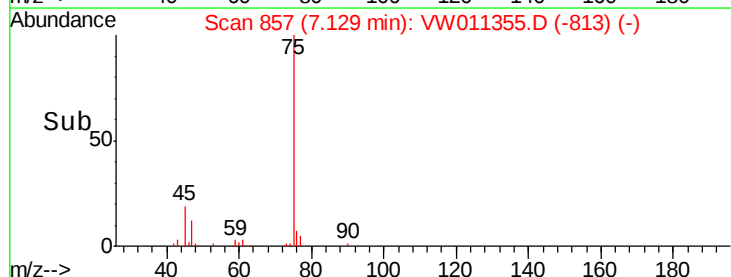
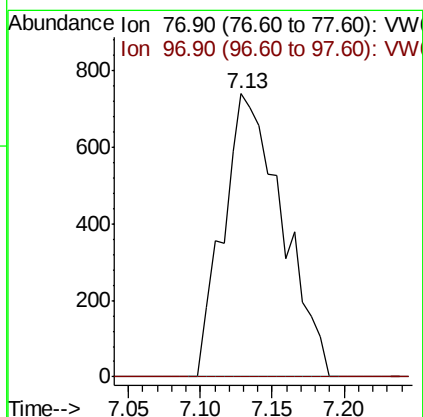
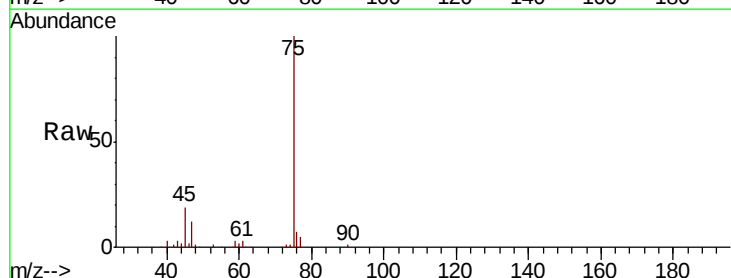
Acq: 19 Jul 2019 02:04

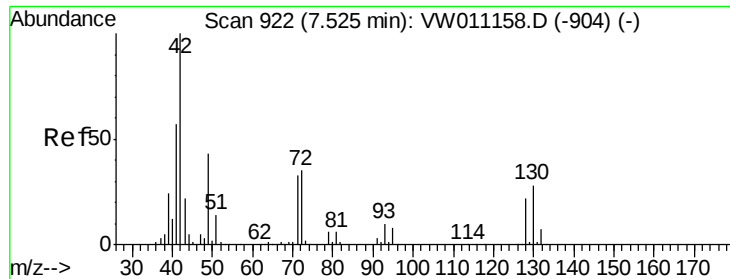
Tgt Ion: 77 Resp: 2116

Ion Ratio Lower Upper

77 100

97 0.0 11.2 33.5#

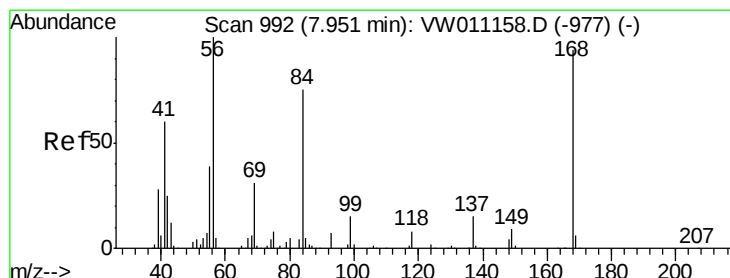
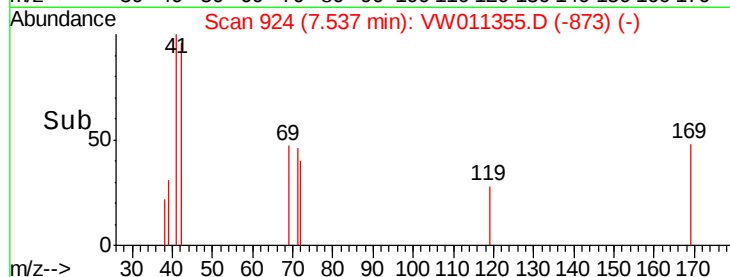
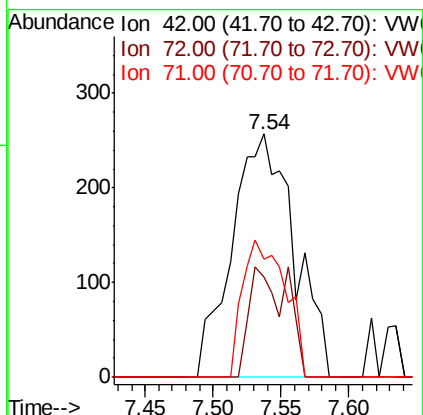
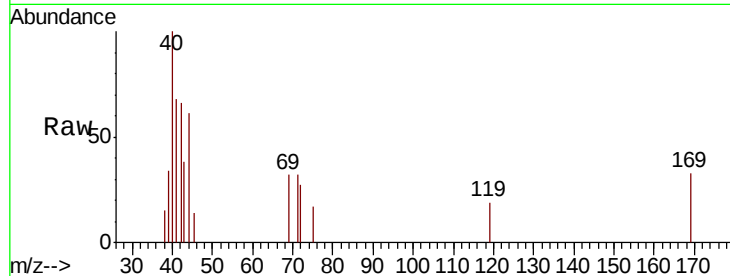




#29
Tetrahydrofuran
Concen: 1.898 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW011355.D
Acq: 19 Jul 2019 02:04

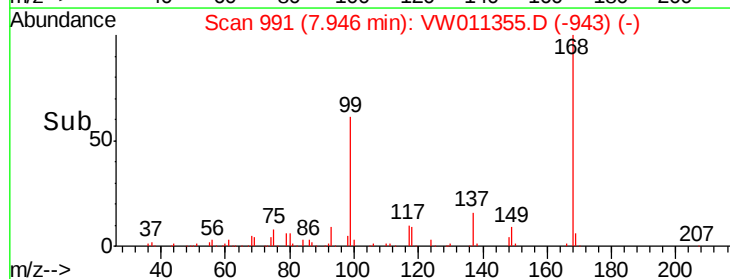
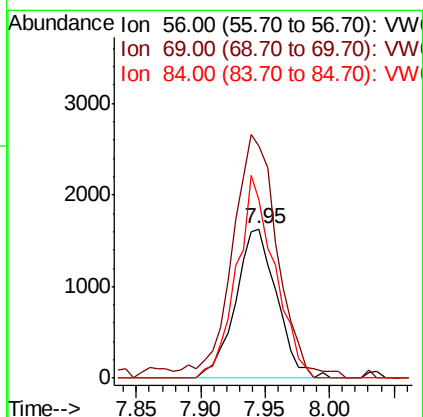
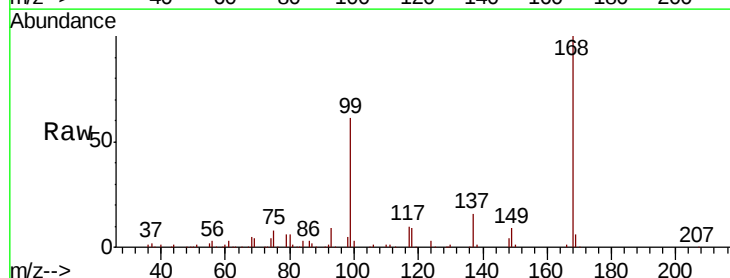
Instrument :
MSVOA_W
ClientSampled :

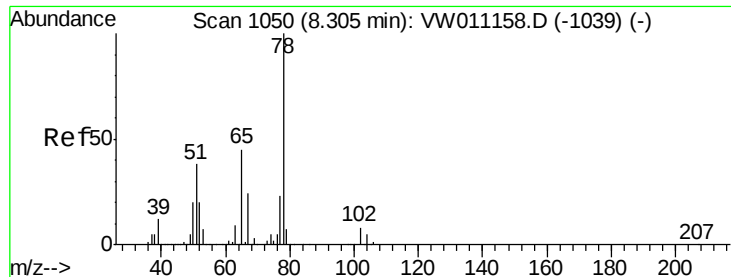
Tot Ion: 42 Resp: 822
Ion Ratio Lower Upper
42 100
72 27.4 27.4 41.2#
71 38.9 25.9 38.9#



#31
Cyclohexane
Concen: 1.063 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW011355.D
Acq: 19 Jul 2019 02:04

Tgt Ion: 56 Resp: 3602
Ion Ratio Lower Upper
56 100
69 150.4 24.6 36.8#
84 119.6 60.1 90.1#

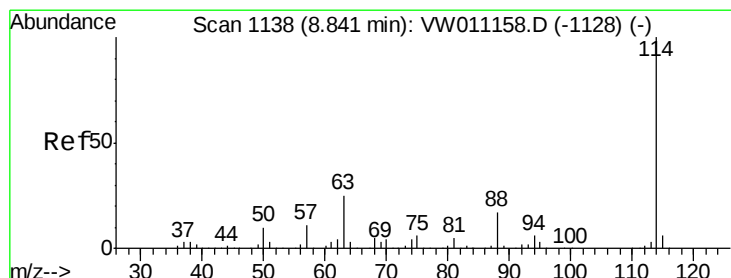
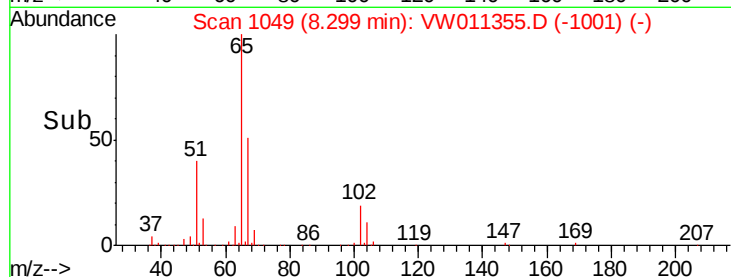
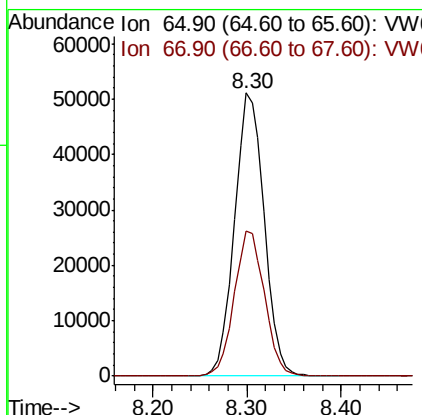
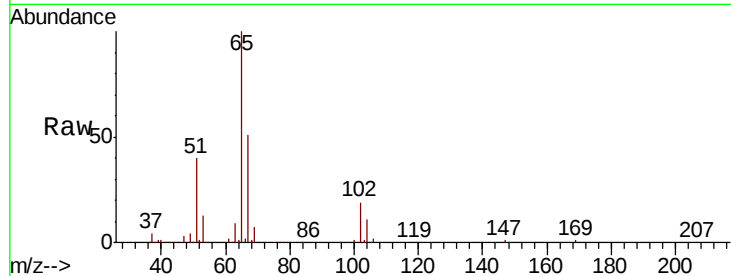




#33
 1,2-Dichloroethane-d4
 Concen: 64.183 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW011355.D
 Acq: 19 Jul 2019 02:04

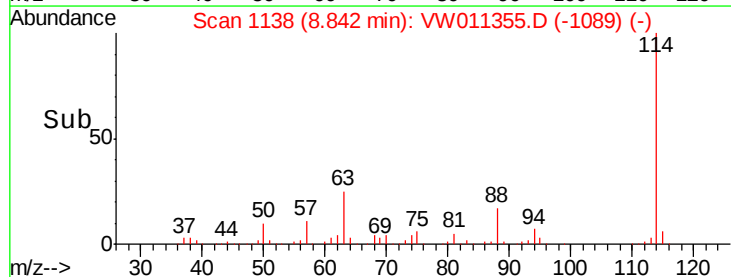
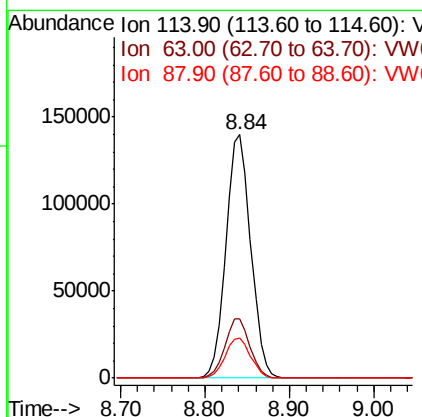
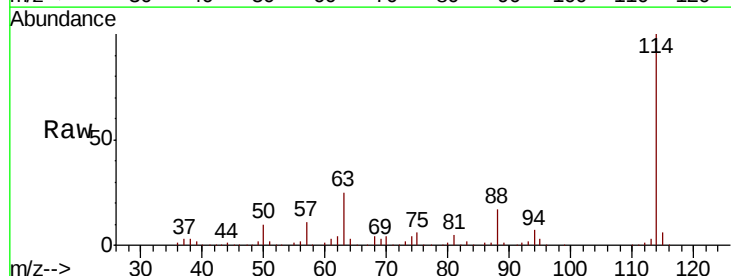
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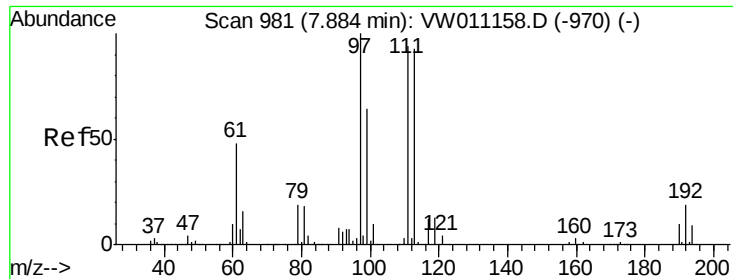
Tot Ion: 65 Resp: 112240
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011355.D
 Acq: 19 Jul 2019 02:04

Tgt Ion: 114 Resp: 280337
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 50.8
 88 16.5 0.0 34.2

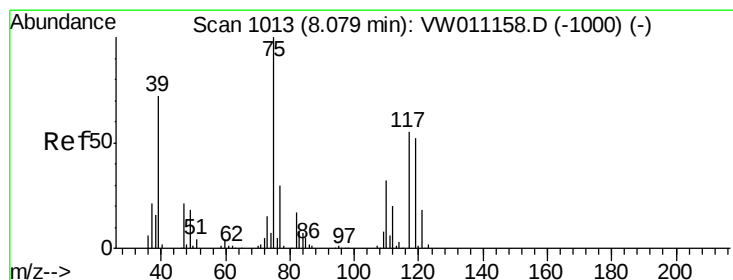
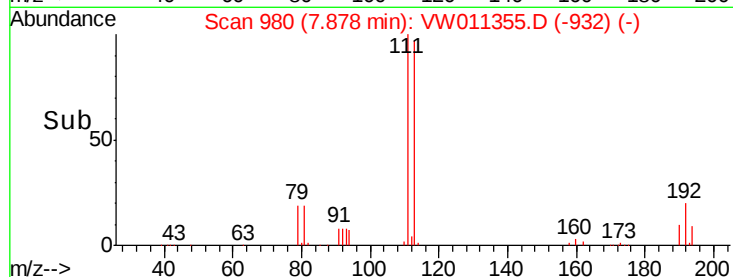
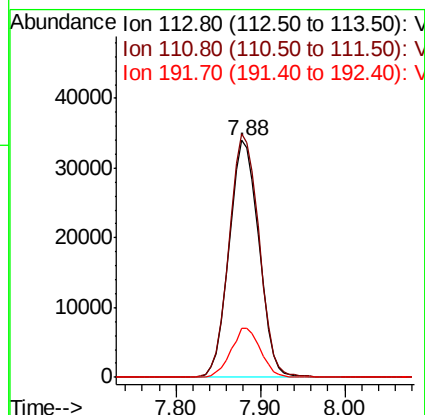
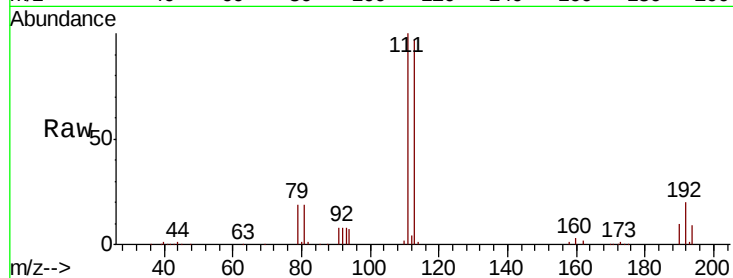




#35
 Dibromofluoromethane
 Concen: 48.773 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011355.D
 Acq: 19 Jul 2019 02:04

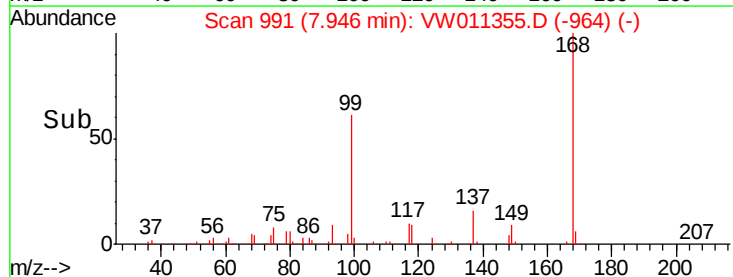
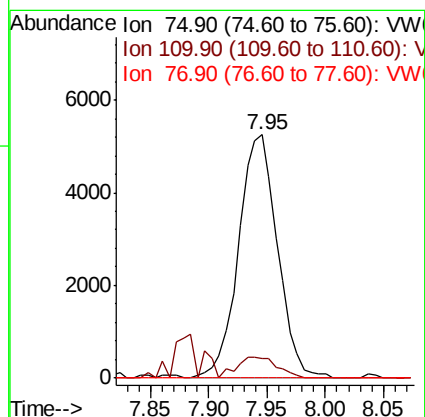
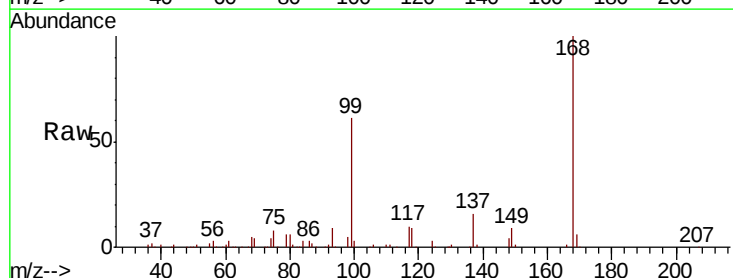
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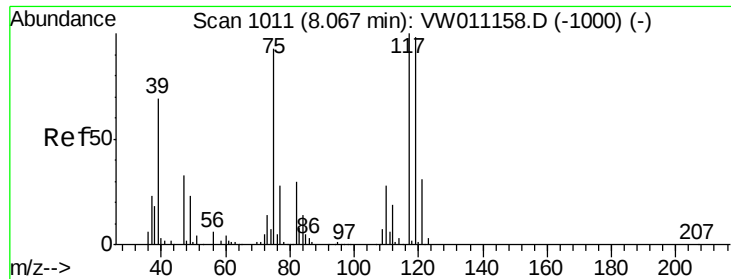
Tot Ion:113 Resp: 81497
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.4 123.6
 192 20.4 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 4.108 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011355.D
 Acq: 19 Jul 2019 02:04

Tgt Ion: 75 Resp: 12264
 Ion Ratio Lower Upper
 75 100
 110 8.0 15.9 47.6#
 77 0.0 24.6 36.8#

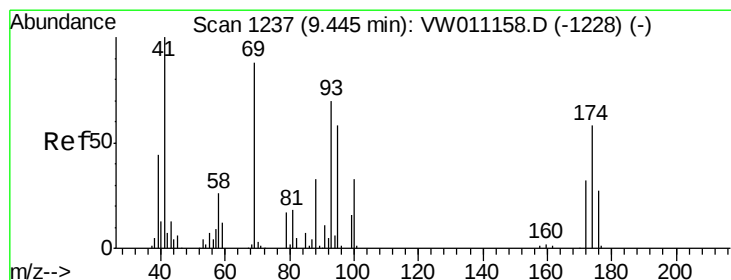
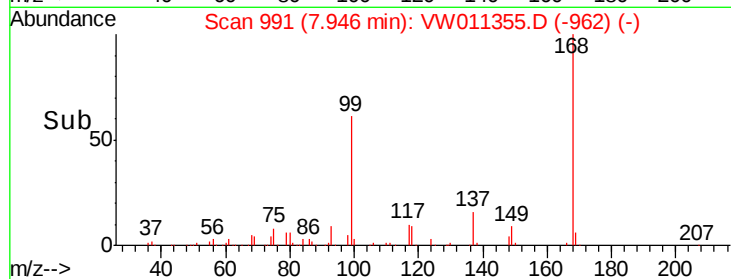
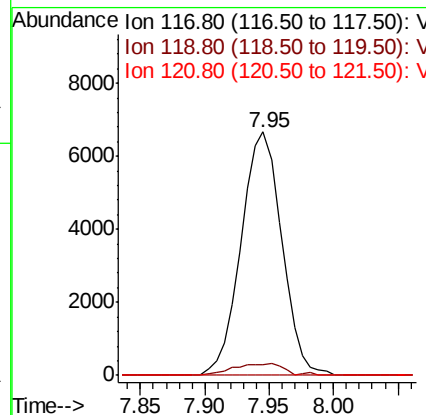
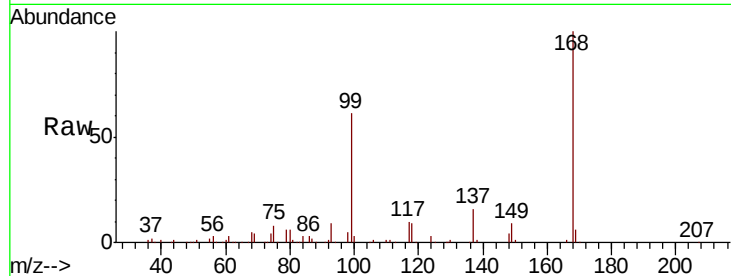




#38
Carbon Tetrachloride
Concen: 5.775 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW011355.D
Acq: 19 Jul 2019 02:04

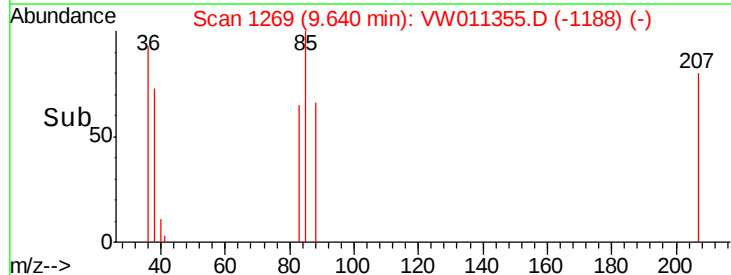
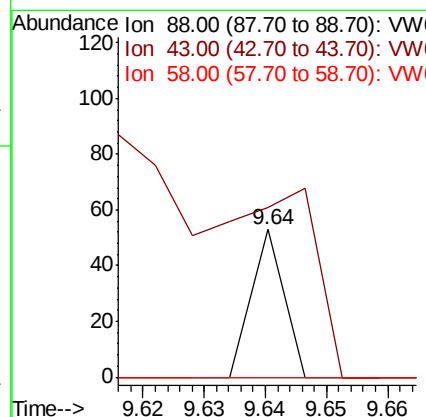
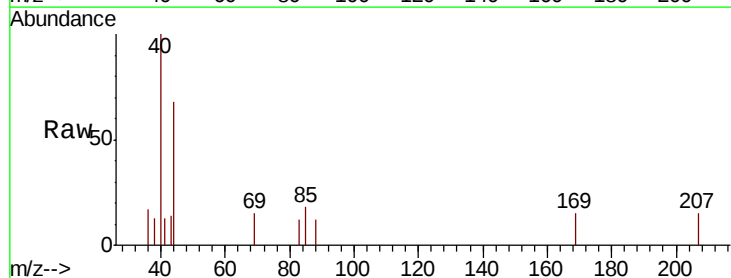
Instrument :
MSVOA_W
ClientSampled :

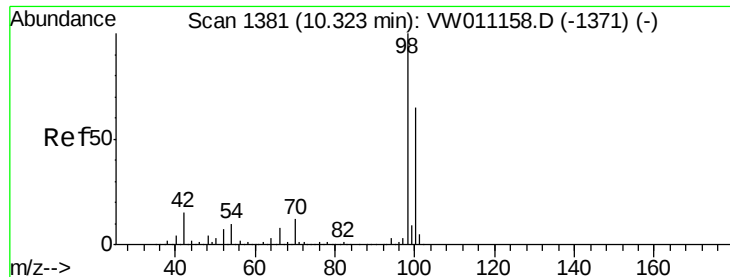
Tot Ion:117 Resp: 14614
Ion Ratio Lower Upper
117 100
119 4.3 78.1 117.1#
121 0.0 25.1 37.7#



#49
1,4-Dioxane
Concen: 1.085 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.20 min
Lab File: VW011355.D
Acq: 19 Jul 2019 02:04

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 0.0 33.4 50.0#
58 0.0 64.5 96.7#

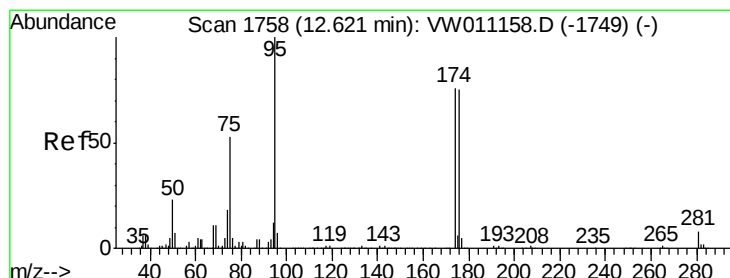
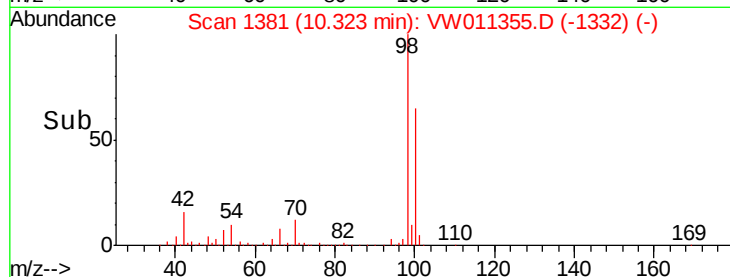
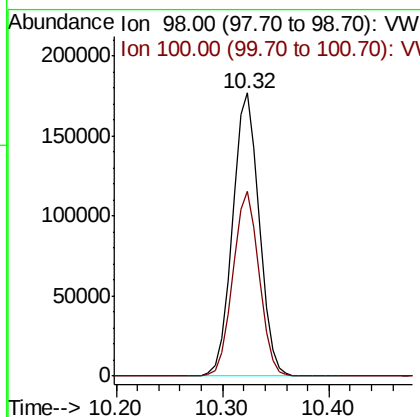
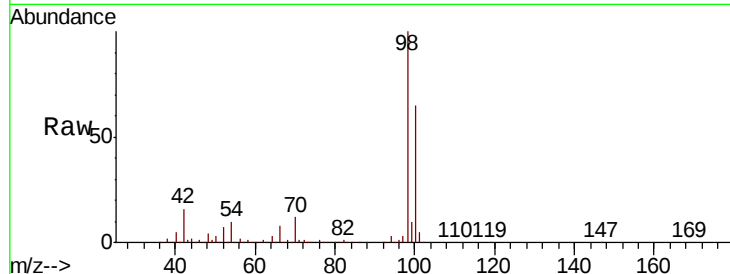




#50
Toluene-d8
Concen: 45.858 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011355.D
Acq: 19 Jul 2019 02:04

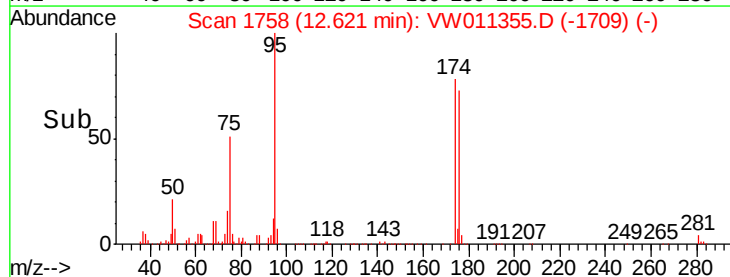
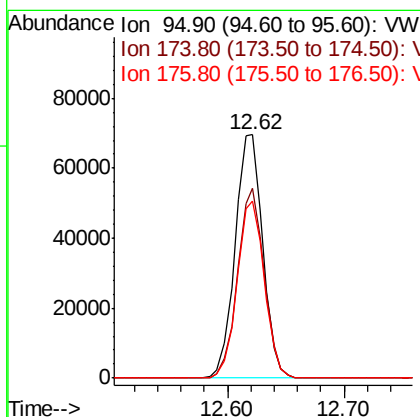
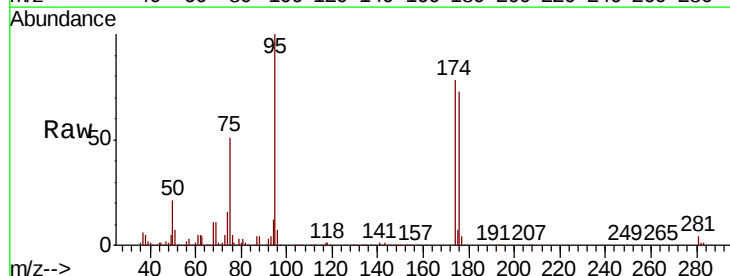
Instrument :
MSVOA_W
ClientSampleId :

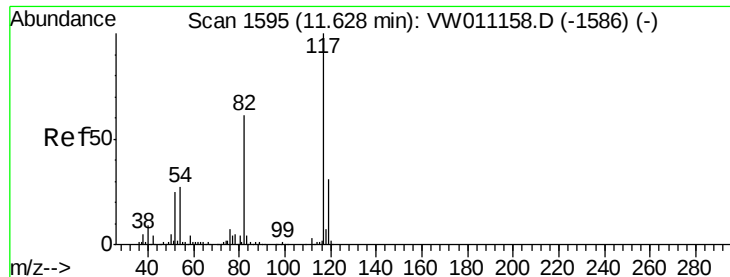
Tot Ion: 98 Resp: 309735
Ion Ratio Lower Upper
98 100
100 64.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.424 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW011355.D
Acq: 19 Jul 2019 02:04

Tgt Ion: 95 Resp: 114930
Ion Ratio Lower Upper
95 100
174 75.2 0.0 147.6
176 71.8 0.0 144.6

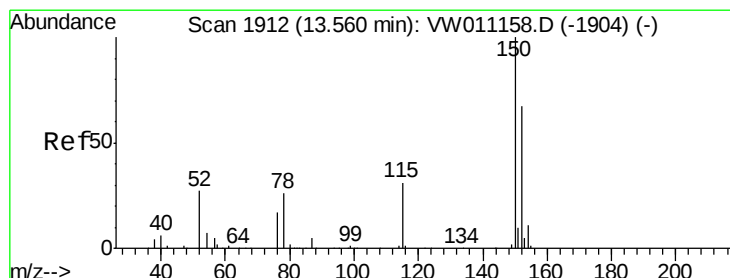
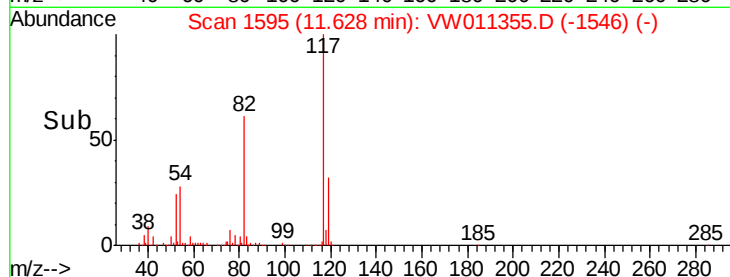
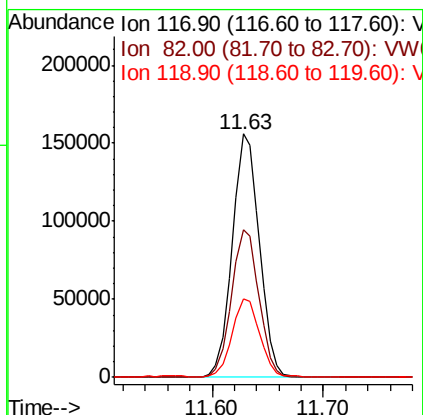
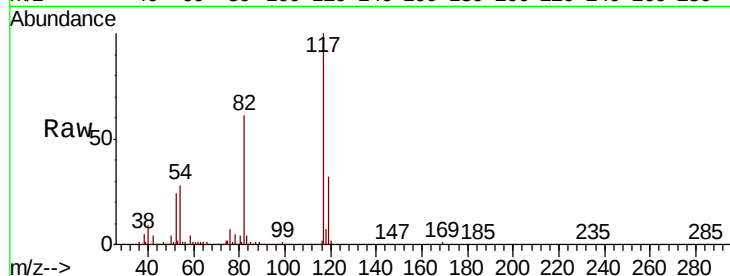




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011355.D
Acq: 19 Jul 2019 02:04

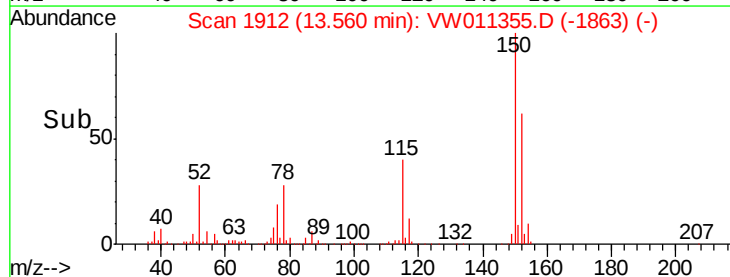
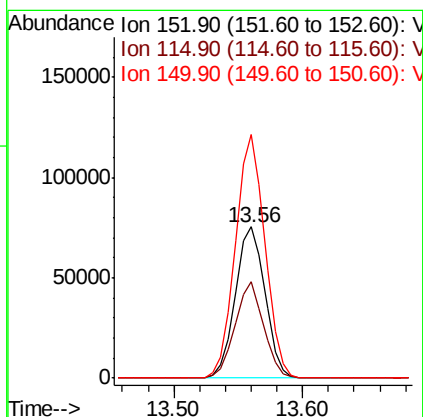
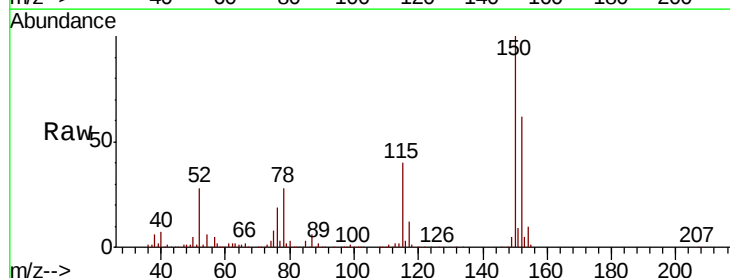
Instrument :
MSVOA_W
ClientSampleId :

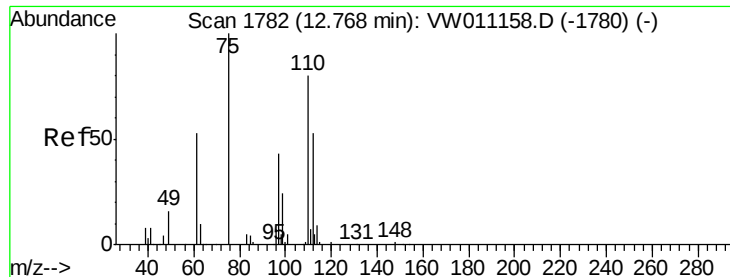
Tot Ion:117 Resp: 262304
Ion Ratio Lower Upper
117 100
82 60.5 48.9 73.3
119 31.8 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011355.D
Acq: 19 Jul 2019 02:04

Tgt Ion:152 Resp: 120585
Ion Ratio Lower Upper
152 100
115 61.2 30.1 90.3
150 159.6 0.0 346.0



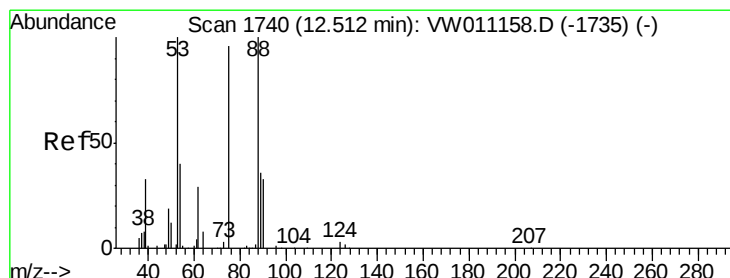
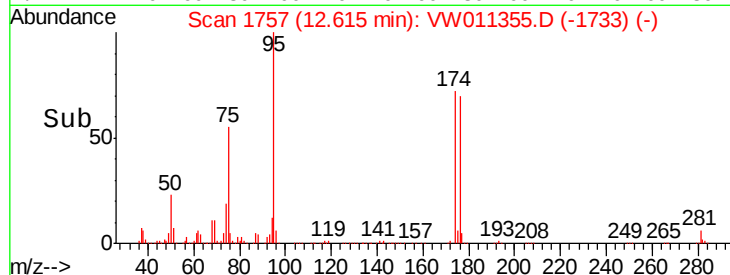
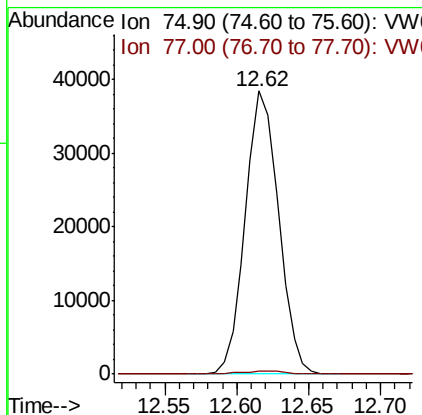
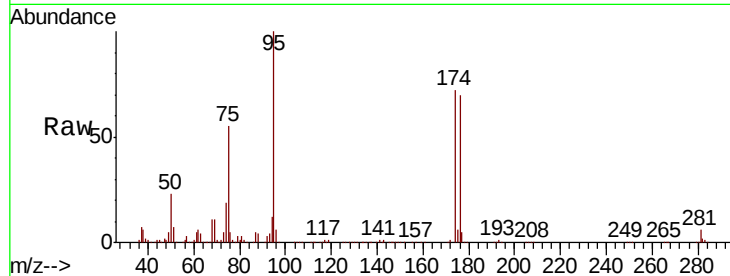


#76

1,2,3-Trichloropropane
Concen: 44.307 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW011355.D
Acq: 19 Jul 2019 02:04

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 75 Resp: 61743
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene
Concen: 100.215 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW011355.D
Acq: 19 Jul 2019 02:04

Tgt Ion: 75 Resp: 61743
Ion Ratio Lower Upper
75 100
53 0.1 89.8 134.6#
89 0.0 34.3 51.5#

