

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013680.D
 Acq On : 23 Oct 2019 21:00
 Operator : SY/VA
 Sample : K5485-06
 Misc : 3.63G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 24 07:28:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	147755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	233701	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	188453	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	60975	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	69377	62.59	ug/l	0.00
Spiked Amount			Recovery	=	125.18%	
35) Dibromofluoromethane	7.88	113	73710	56.76	ug/l	0.00
Spiked Amount			Recovery	=	113.52%	
50) Toluene-d8	10.32	98	268618	50.77	ug/l	0.00
Spiked Amount			Recovery	=	101.54%	
62) 4-Bromofluorobenzene	12.62	95	69986	39.06	ug/l	0.00
Spiked Amount			Recovery	=	78.12%	

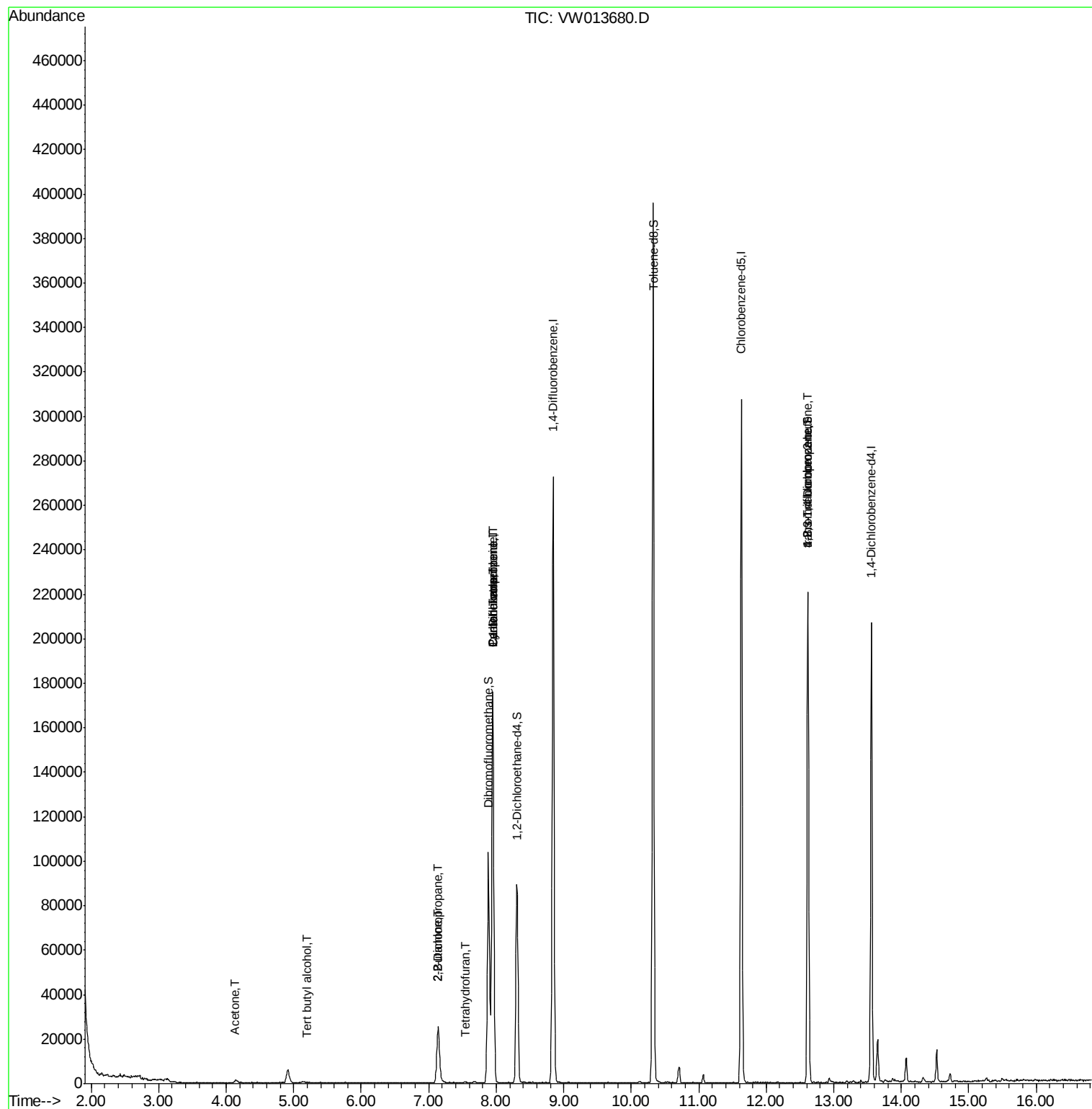
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.19	59	365	5.516	ug/l #	71
16) Acetone	4.13	43	3055	12.999	ug/l	92
20) Methylene Chloride	4.92	84	4384	Below Cal	#	88
25) 2-Butanone	7.13	43	1444	4.274	ug/l #	84
26) 2,2-Dichloropropane	7.14	77	2115	1.554	ug/l #	49
29) Tetrahydrofuran	7.54	42	390	1.864	ug/l #	77
31) Cyclohexane	7.95	56	2539	1.031	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	9621	4.420	ug/l #	48
38) Carbon Tetrachloride	7.95	117	12561	6.409	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	33525	76.561	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	33525	144.690	ug/l #	14

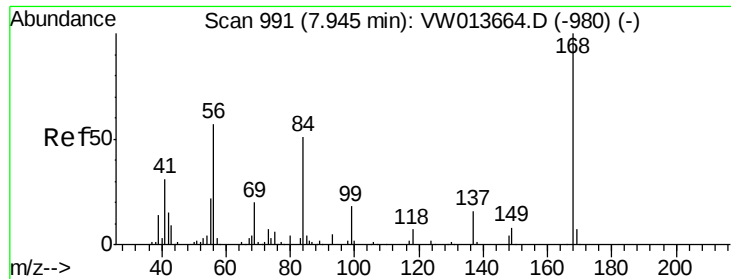
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102319\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 23 14:11:46 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW013680.D

Acq: 23 Oct 2019 21:00

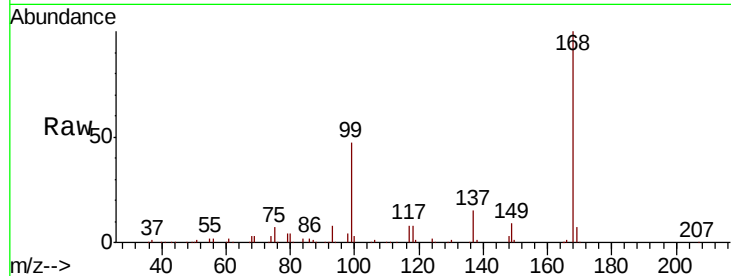
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 147755

Ion Ratio Lower Upper

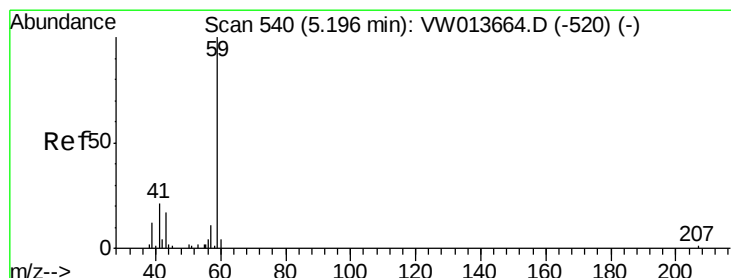
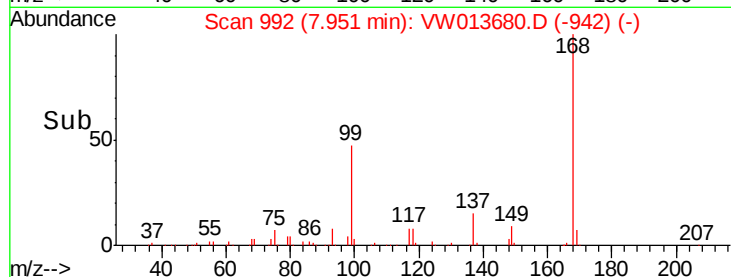
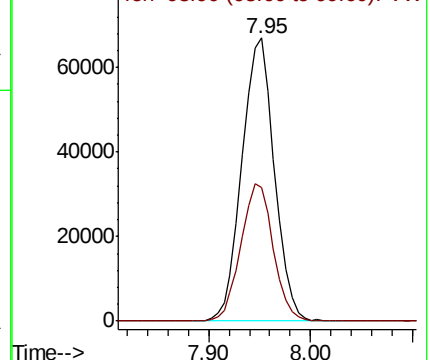
168 100

99 47.4 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 5.516 ug/l

RT: 5.19 min Scan# 539

Delta R.T. -0.01 min

Lab File: VW013680.D

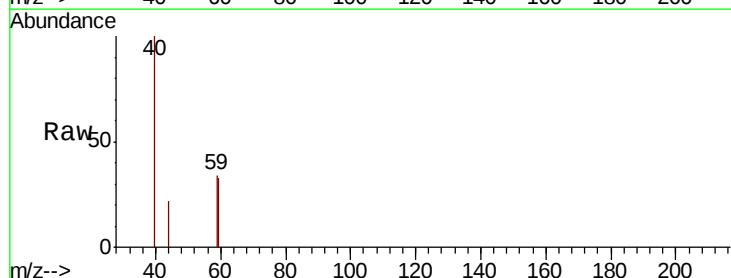
Acq: 23 Oct 2019 21:00

Tgt Ion: 59 Resp: 365

Ion Ratio Lower Upper

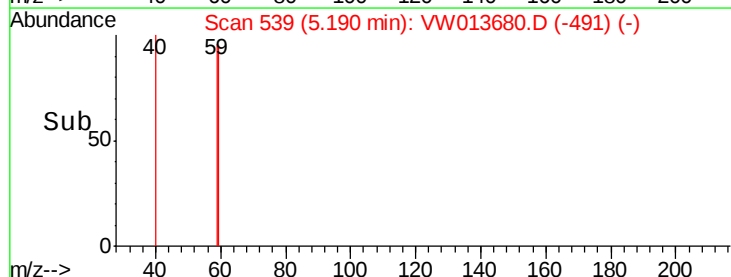
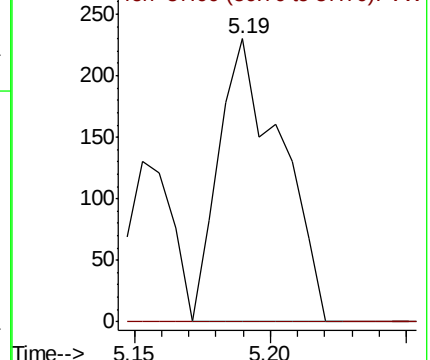
59 100

57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

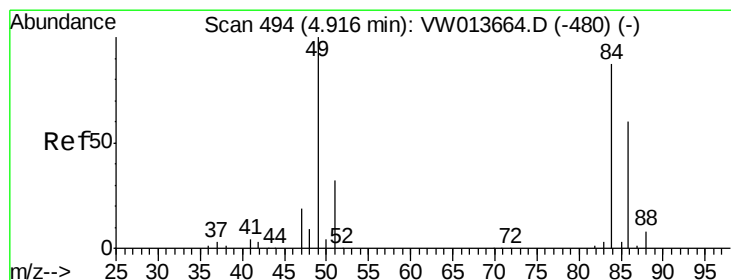
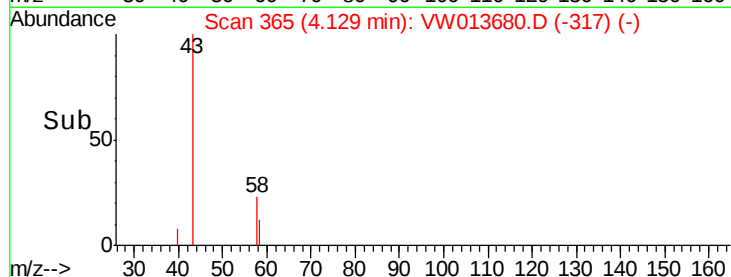
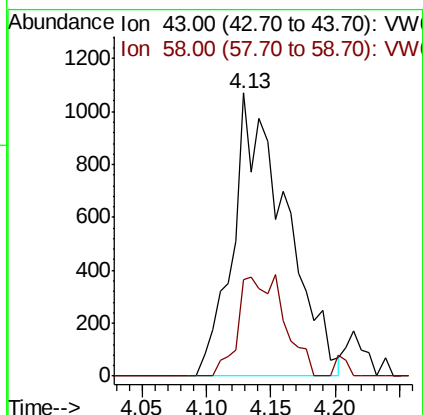
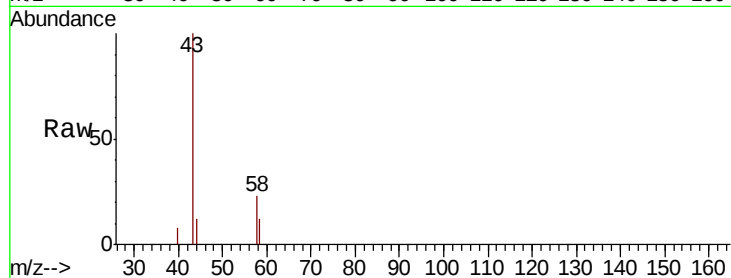




#16
Acetone
Concen: 12.999 ug/l
RT: 4.13 min Scan# 365
Delta R.T. -0.01 min
Lab File: VW013680.D
Acq: 23 Oct 2019 21:00

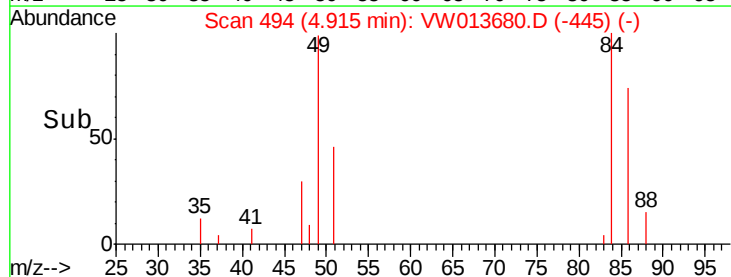
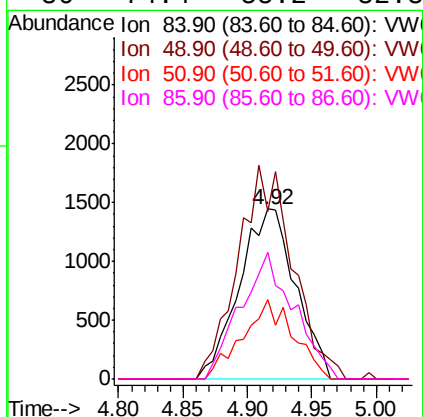
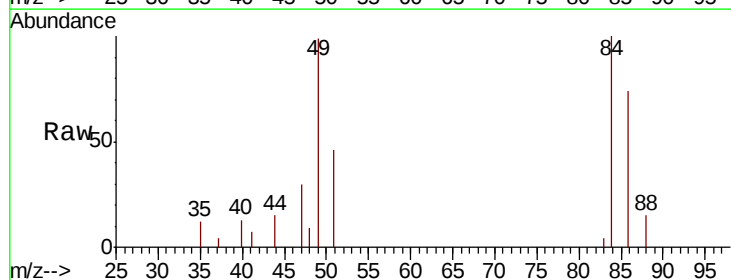
Instrument :
MSVOA_W
ClientSampleId :

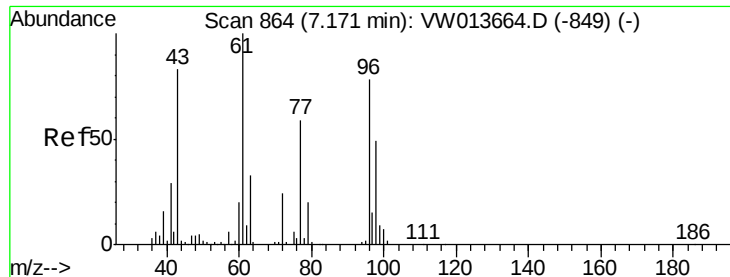
Tot Ion: 43 Resp: 3055
Ion Ratio Lower Upper
43 100
58 34.3 24.1 36.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW013680.D
Acq: 23 Oct 2019 21:00

Tgt Ion: 84 Resp: 4384
Ion Ratio Lower Upper
84 100
49 98.9 91.8 137.6
51 46.3 29.8 44.6#
86 74.4 55.2 82.8





#25

2-Butanone

Concen: 4.274 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.04 min

Lab File: VW013680.D

Acq: 23 Oct 2019 21:00

Instrument :

MSVOA_W

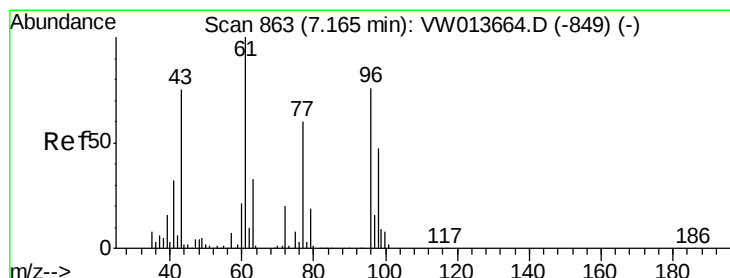
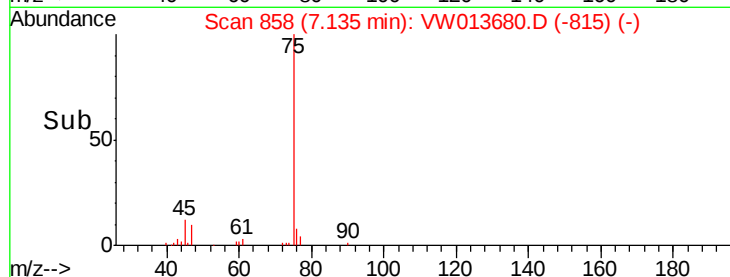
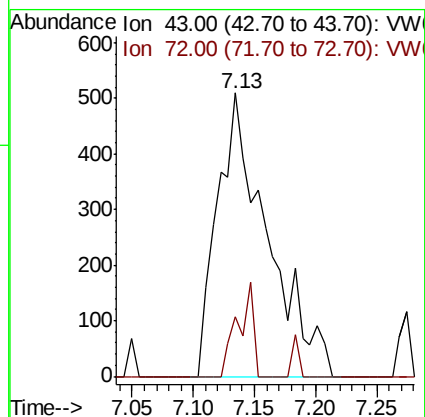
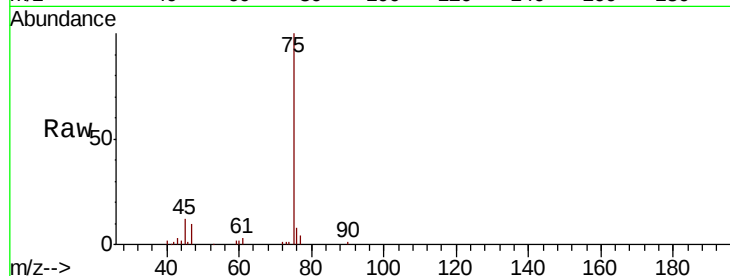
ClientSampleId :

Tot Ion: 43 Resp: 1444

Ion Ratio Lower Upper

43 100

72 21.0 23.6 35.4#



#26

2,2-Dichloropropane

Concen: 1.554 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW013680.D

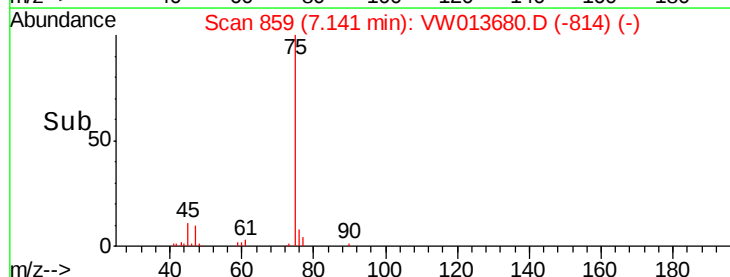
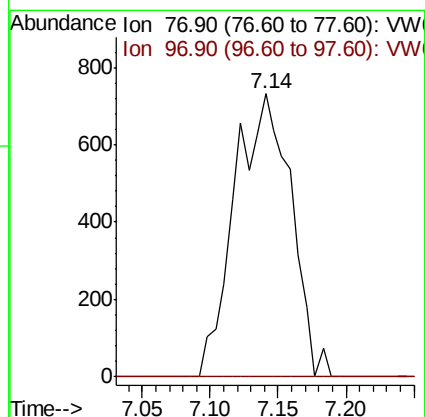
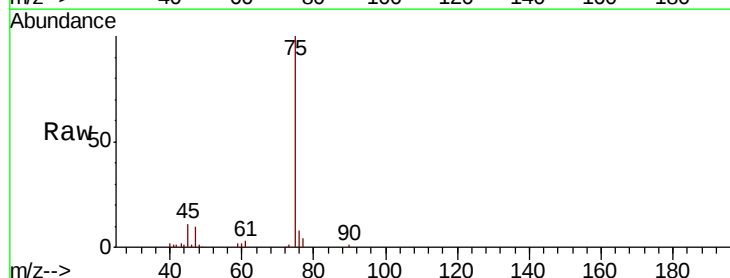
Acq: 23 Oct 2019 21:00

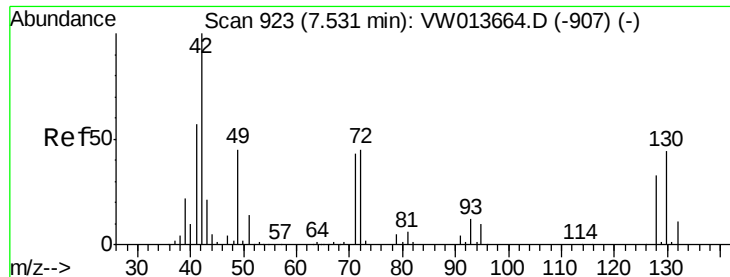
Tgt Ion: 77 Resp: 2115

Ion Ratio Lower Upper

77 100

97 0.0 12.8 38.4#

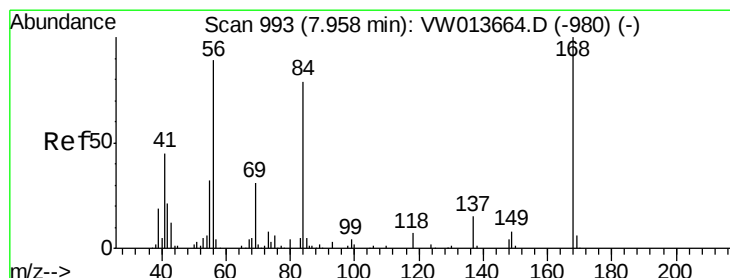
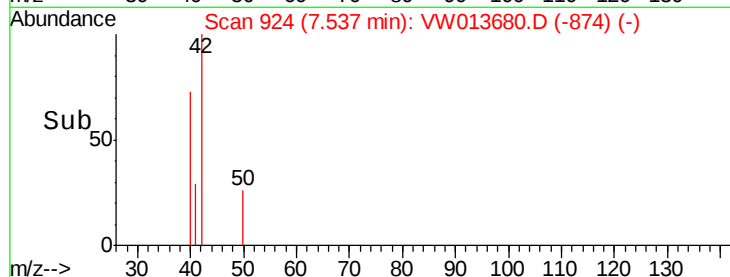
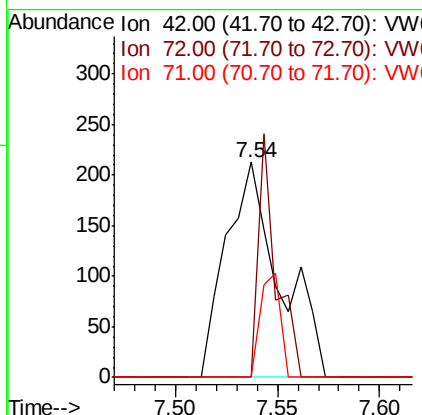
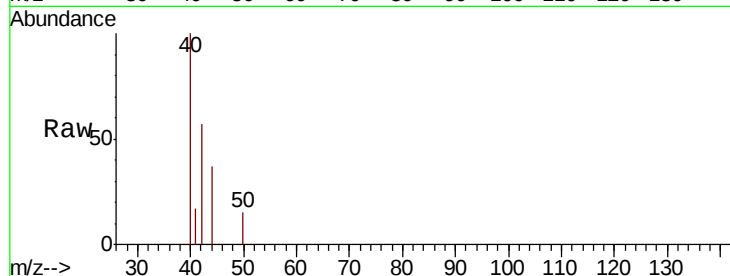




#29
Tetrahydrofuran
Concen: 1.864 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW013680.D
Acq: 23 Oct 2019 21:00

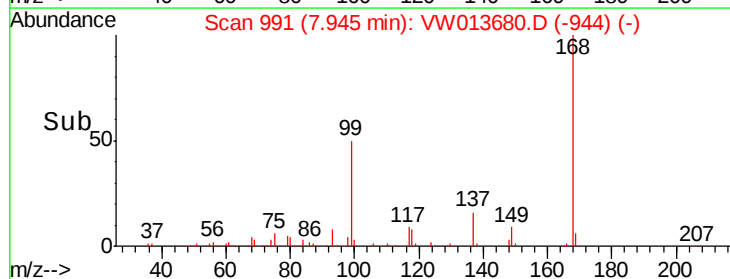
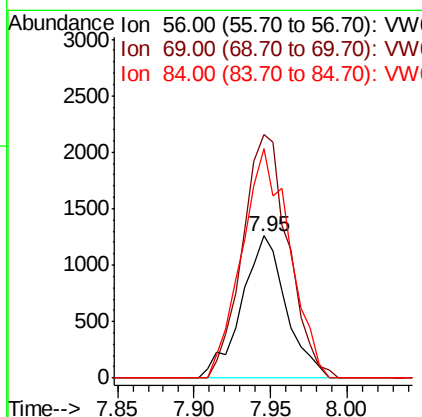
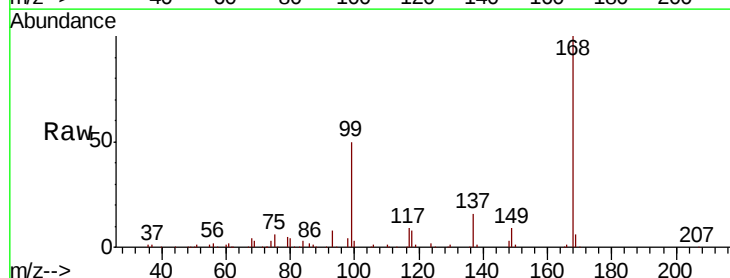
Instrument :
MSVOA_W
ClientSampleId :

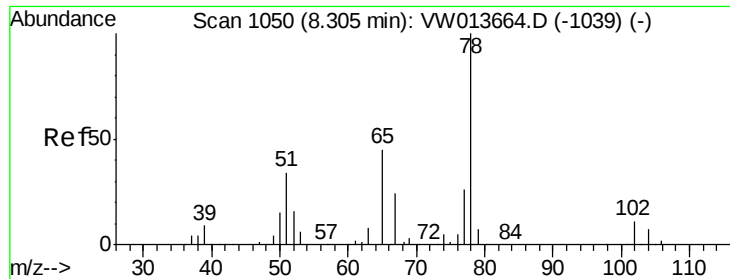
Tot Ion: 42 Resp: 390
Ion Ratio Lower Upper
42 100
72 37.4 35.3 52.9
71 18.2 33.3 49.9#



#31
Cyclohexane
Concen: 1.031 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW013680.D
Acq: 23 Oct 2019 21:00

Tgt Ion: 56 Resp: 2539
Ion Ratio Lower Upper
56 100
69 171.1 27.5 41.3#
84 161.1 70.8 106.2#

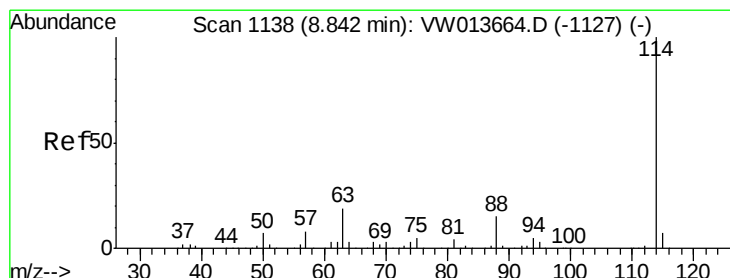
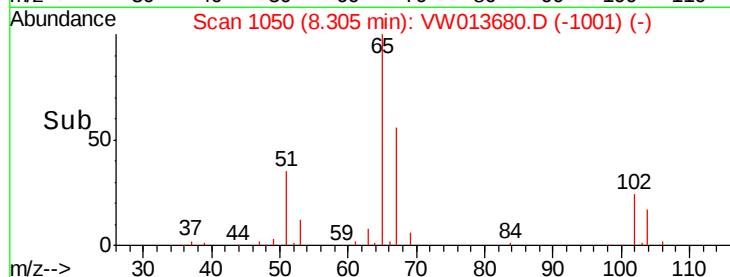
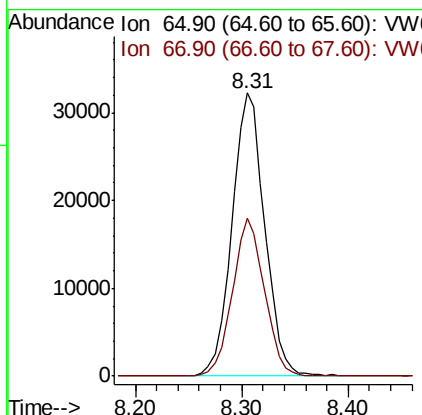
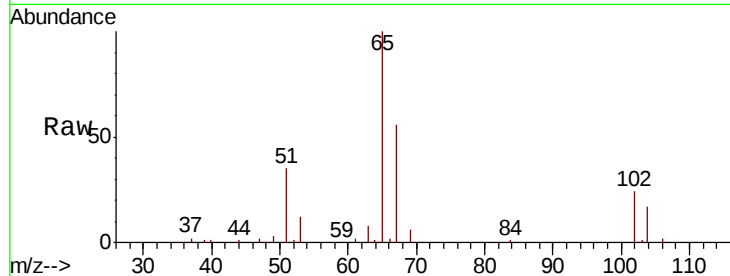




#33
 1,2-Dichloroethane-d4
 Concen: 62.592 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013680.D
 Acq: 23 Oct 2019 21:00

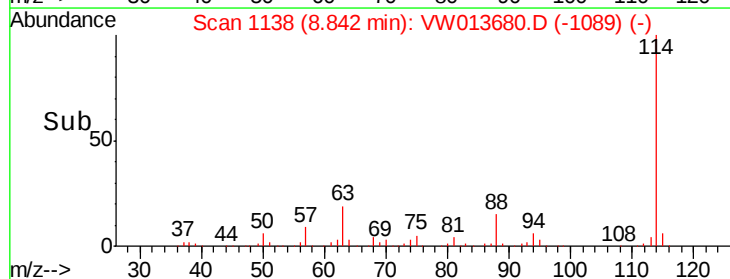
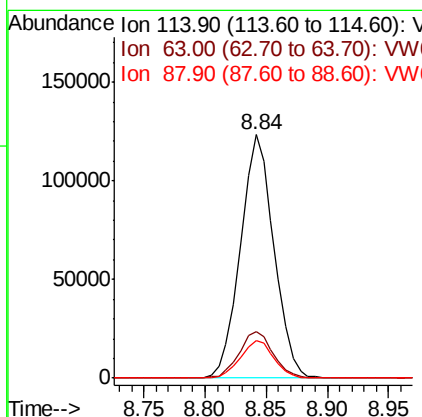
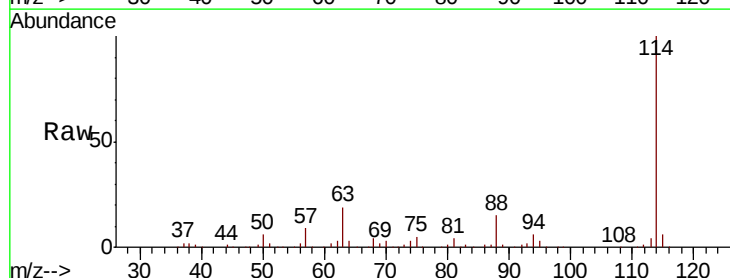
Instrument :
 MSVOA_W
 ClientSampleId :

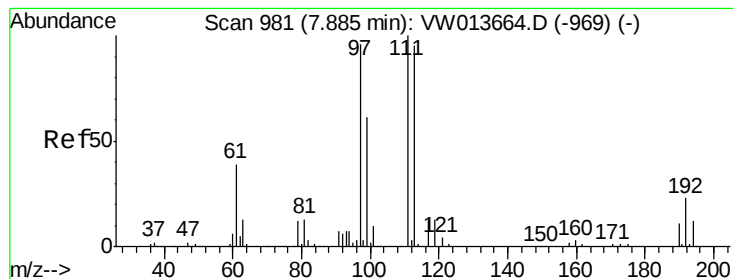
Tot Ion: 65 Resp: 69377
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013680.D
 Acq: 23 Oct 2019 21:00

Tgt Ion: 114 Resp: 233701
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 37.6
 88 15.2 0.0 30.2





#35

Dibromofluoromethane

Concen: 56.762 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW013680.D

Acq: 23 Oct 2019 21:00

Instrument :

MSVOA_W

ClientSampleId :

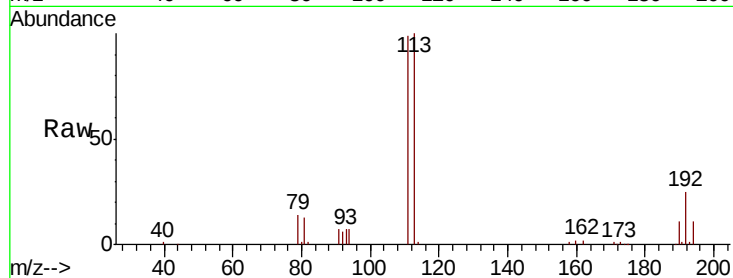
Tot Ion:113 Resp: 73710

Ion Ratio Lower Upper

113 100

111 103.0 83.0 124.6

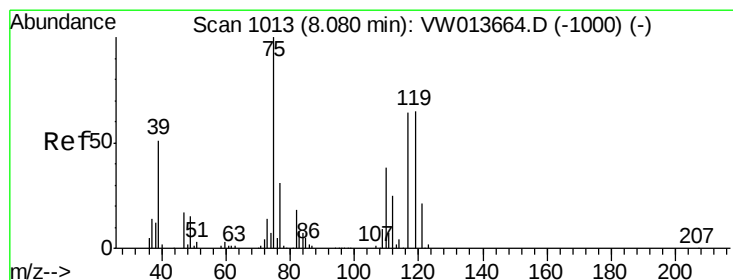
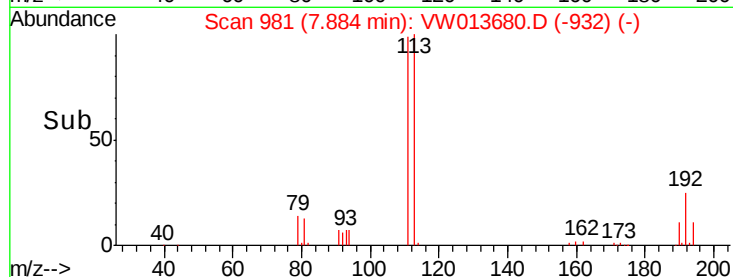
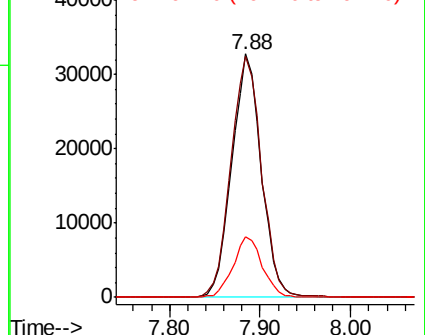
192 24.8 19.4 29.2



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: 4.420 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW013680.D

Acq: 23 Oct 2019 21:00

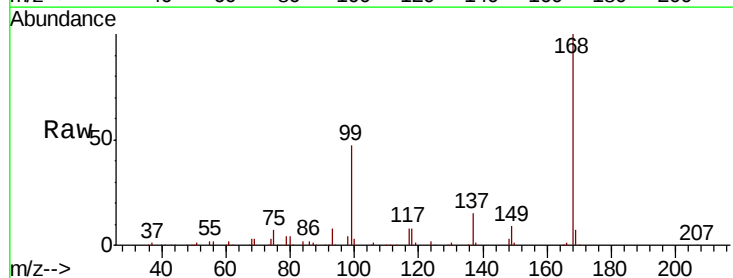
Tgt Ion: 75 Resp: 9621

Ion Ratio Lower Upper

75 100

110 9.3 18.7 56.1#

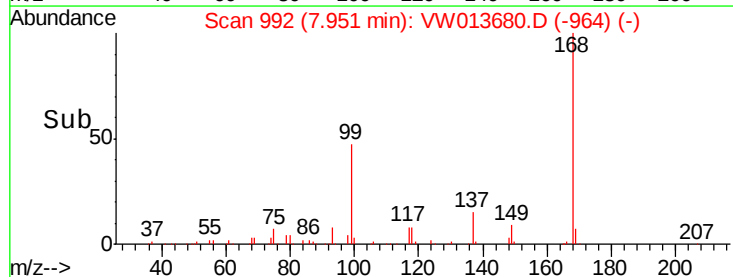
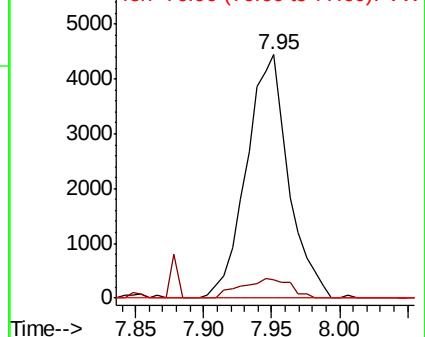
77 0.0 25.4 38.0#

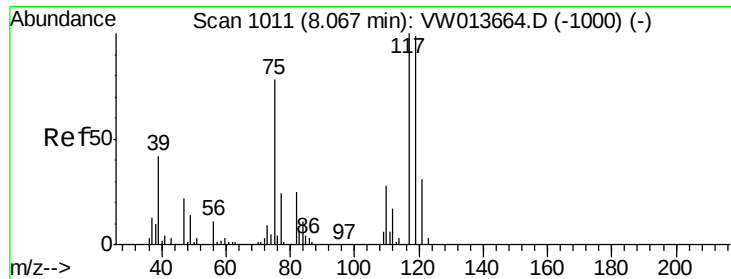


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

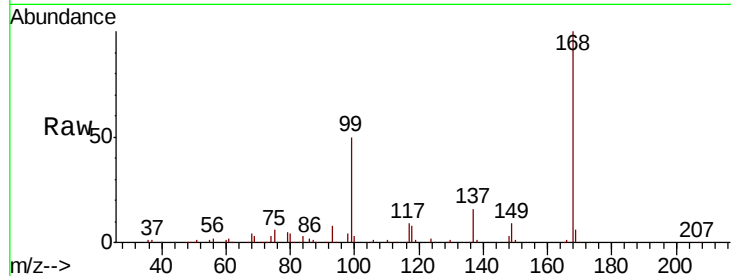




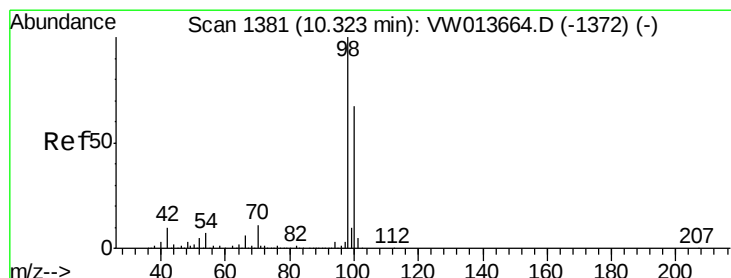
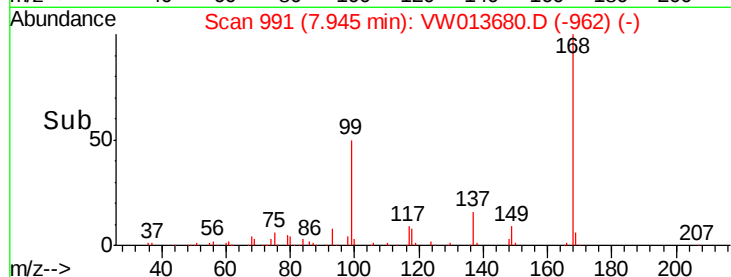
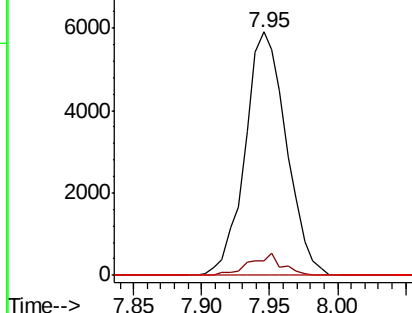
#38
Carbon Tetrachloride
Concen: 6.409 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW013680.D
Acq: 23 Oct 2019 21:00

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 12561
Ion Ratio Lower Upper
117 100
119 5.8 79.0 118.4#
121 0.0 24.5 36.7#

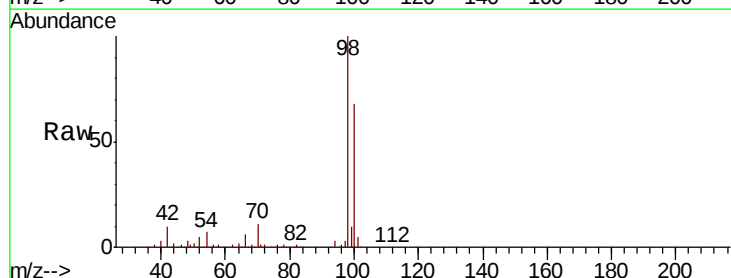


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

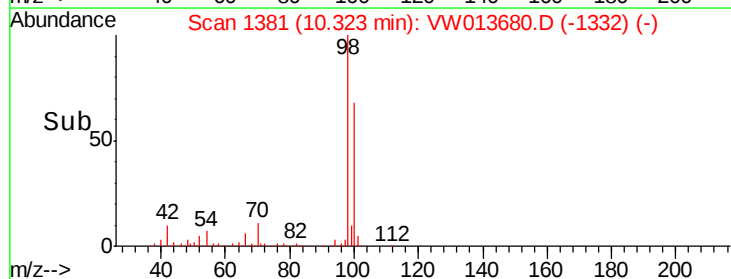
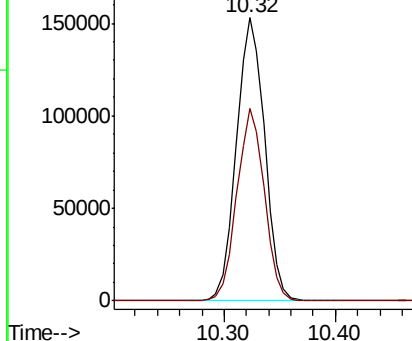


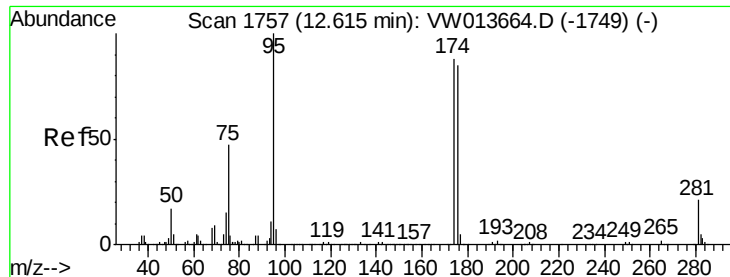
#50
Toluene-d8
Concen: 50.765 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013680.D
Acq: 23 Oct 2019 21:00

Tgt Ion: 98 Resp: 268618
Ion Ratio Lower Upper
98 100
100 66.1 53.4 80.0



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

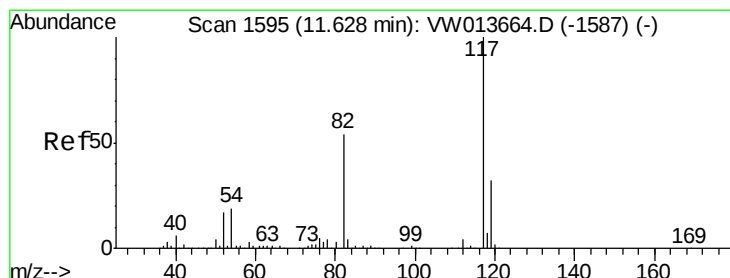
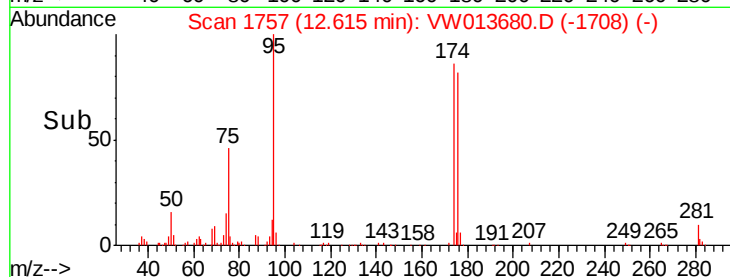
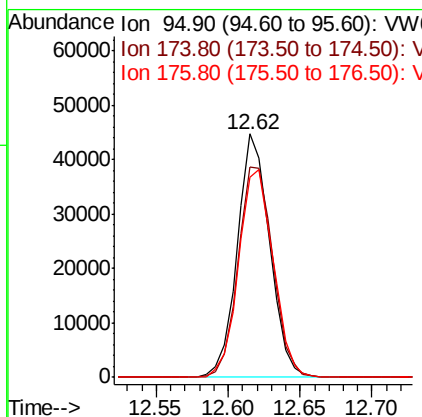
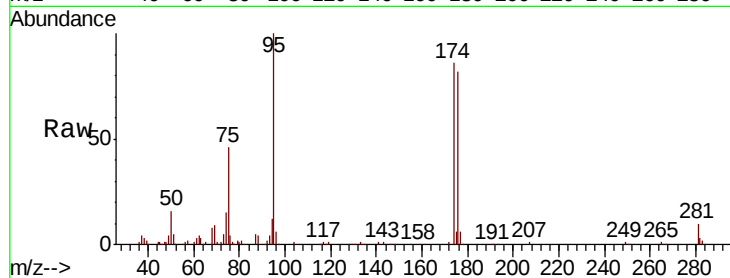




#62
4-Bromofluorobenzene
Concen: 39.062 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013680.D
Acq: 23 Oct 2019 21:00

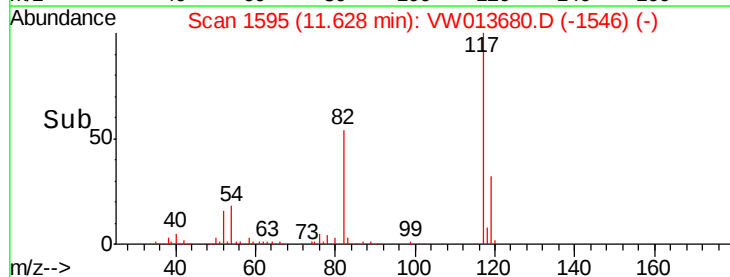
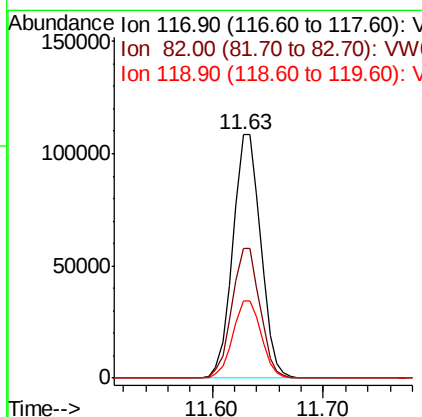
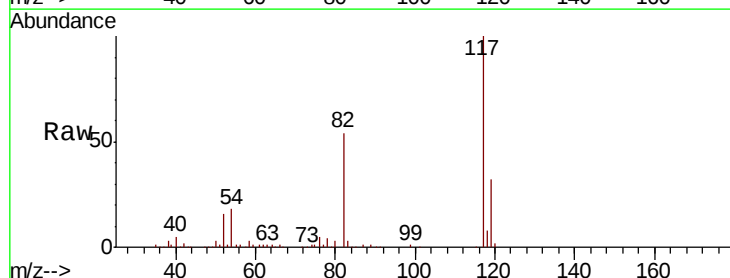
Instrument :
MSVOA_W
ClientSampleId :

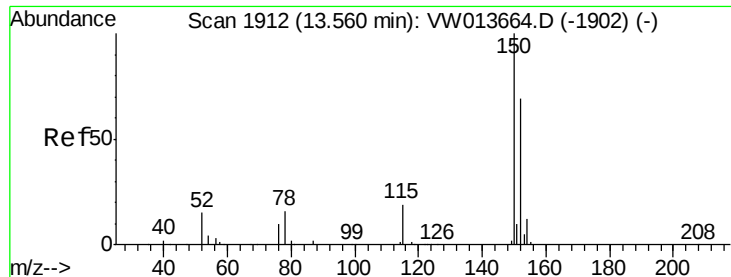
Tot Ion: 95 Resp: 69986
Ion Ratio Lower Upper
95 100
174 92.5 0.0 183.6
176 90.7 0.0 178.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013680.D
Acq: 23 Oct 2019 21:00

Tgt Ion: 117 Resp: 188453
Ion Ratio Lower Upper
117 100
82 53.5 43.6 65.4
119 31.9 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW013680.D

Acq: 23 Oct 2019 21:00

Instrument :

MSVOA_W

ClientSampleId :

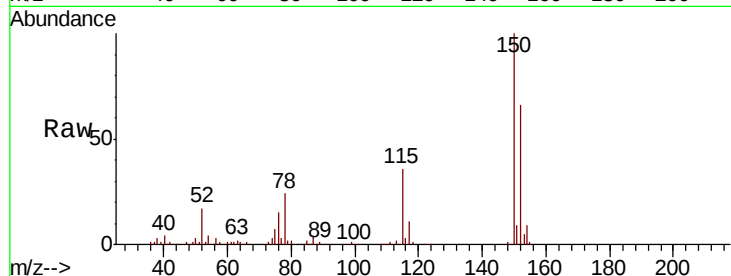
Tot Ion:152 Resp: 60975

Ion Ratio Lower Upper

152 100

115 54.2 27.4 82.2

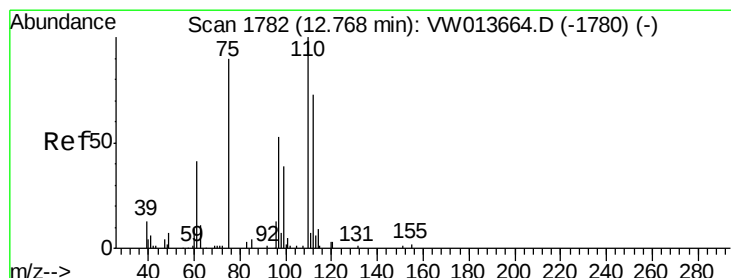
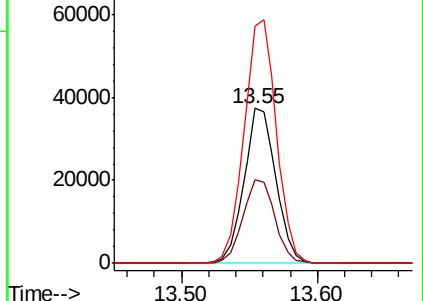
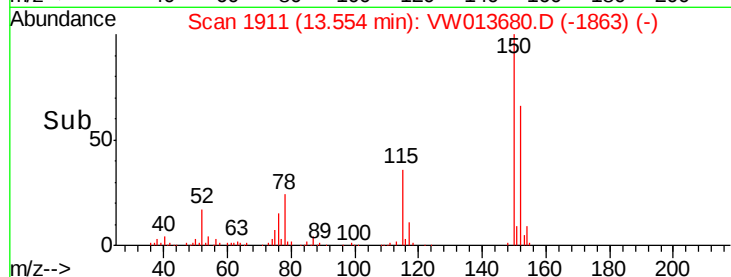
150 159.4 0.0 345.4



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: 76.561 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013680.D

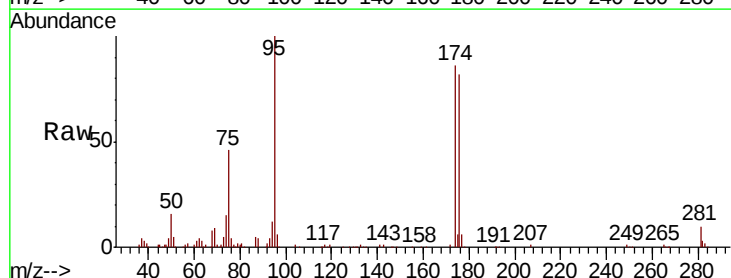
Acq: 23 Oct 2019 21:00

Tgt Ion: 75 Resp: 33525

Ion Ratio Lower Upper

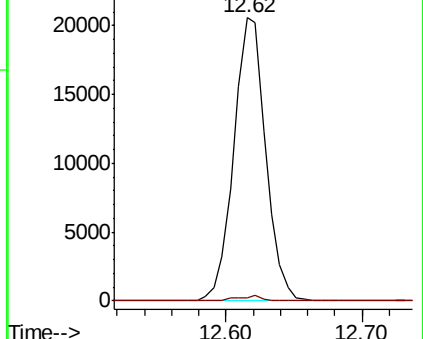
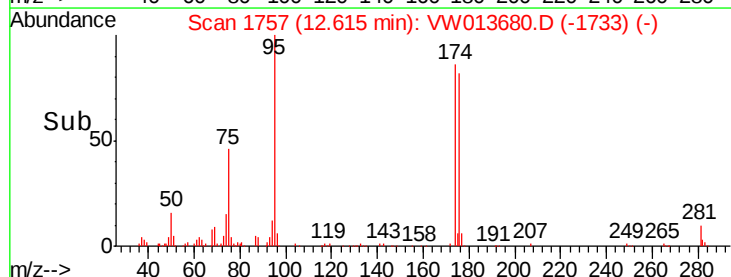
75 100

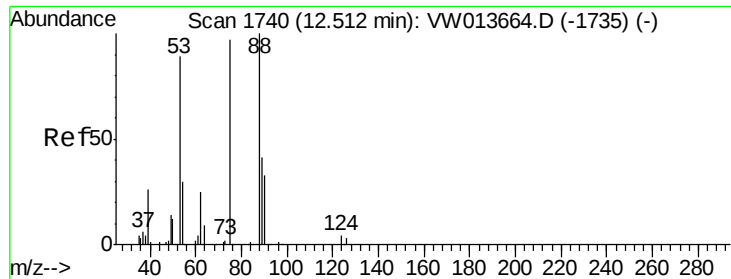
77 1.5 0.0 0.0#



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: 144.690 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW013680.D
 Acq: 23 Oct 2019 21:00

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 33525
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.7 107.5#
 89 0.0 35.8 53.8#

