

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102419\
 Data File : VW013722.D
 Acq On : 24 Oct 2019 20:12
 Operator : SY/VA
 Sample : K5502-14RE
 Misc : 6.58G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 25 08:00:23 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	273600	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	417417	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	342725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	139025	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	113368	55.24	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	110.48%	
35) Dibromofluoromethane	7.88	113	120066	51.77	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.54%	
50) Toluene-d8	10.32	98	473816	50.13	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.26%	
62) 4-Bromofluorobenzene	12.62	95	139770	43.68	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	87.36%	

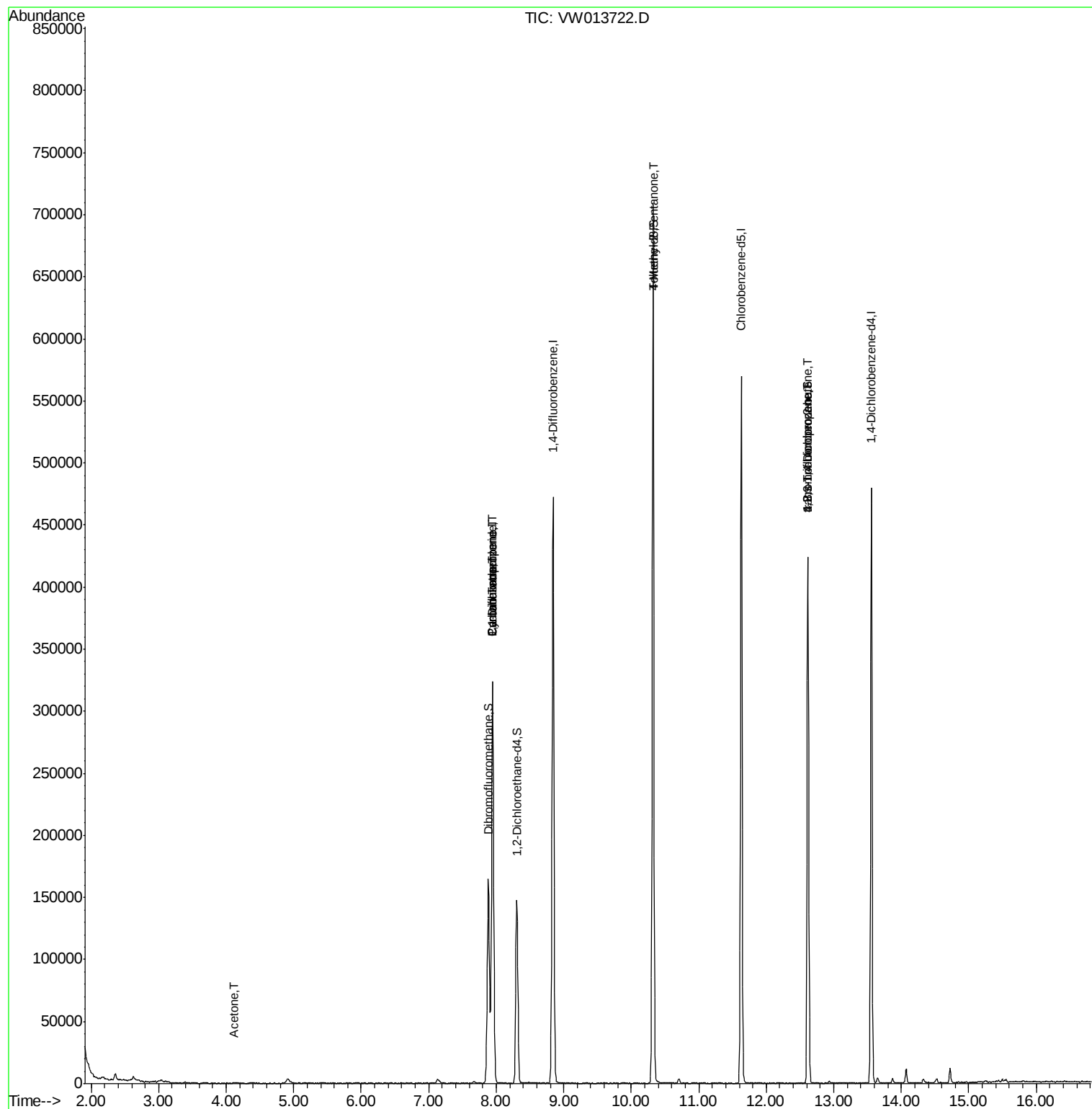
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	546	1.255	ug/l	94
20) Methylene Chloride	4.92	84	2761	Below Cal	#	84
31) Cyclohexane	7.95	56	4721	1.035	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17299	4.450	ug/l #	48
38) Carbon Tetrachloride	7.95	117	23956	6.843	ug/l #	15
51) 4-Methyl-2-Pentanone	10.32	43	1892	1.337	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	65567	65.672	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	65567	124.112	ug/l #	14

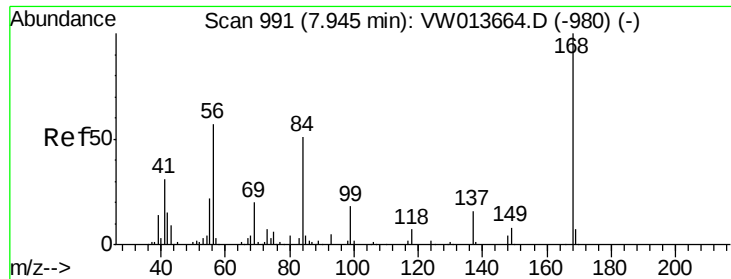
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102419\
Data File : VW013722.D
Acq On : 24 Oct 2019 20:12
Operator : SY/VA
Sample : K5502-14RE
Misc : 6.58G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :

Quant Time: Oct 25 08:00:23 2019
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# 991

Delta R.T. 0.00 min

Lab File: VW013722.D

Acq: 24 Oct 2019 20:12

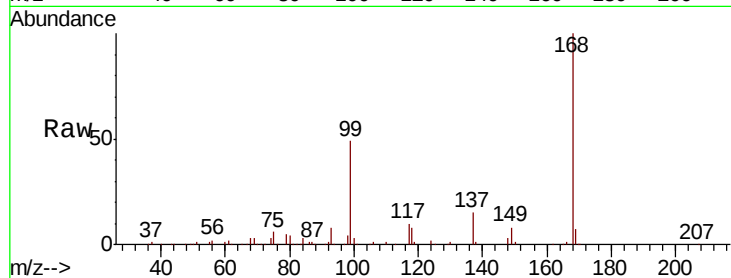
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 273600

Ion Ratio Lower Upper

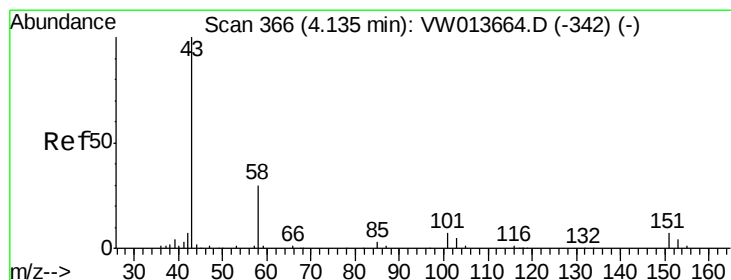
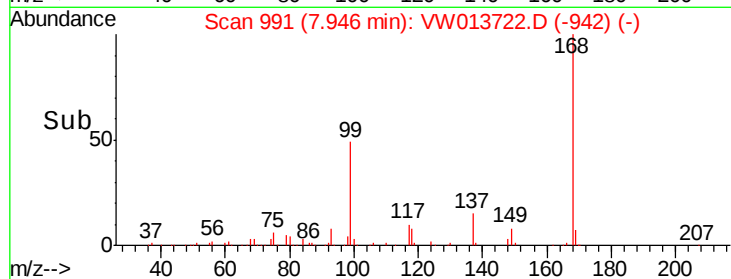
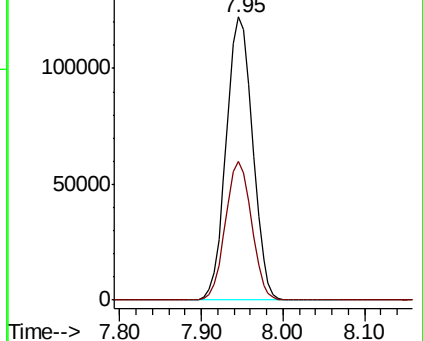
168 100

99 48.9 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 1.255 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.02 min

Lab File: VW013722.D

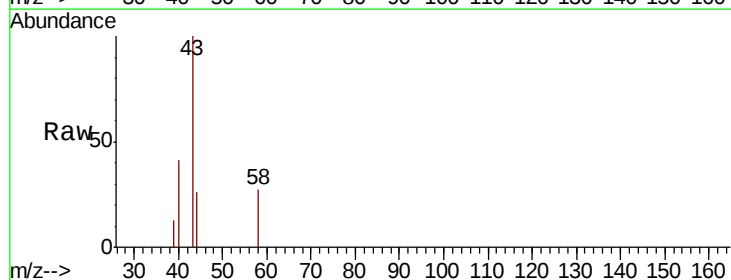
Acq: 24 Oct 2019 20:12

Tgt Ion: 43 Resp: 546

Ion Ratio Lower Upper

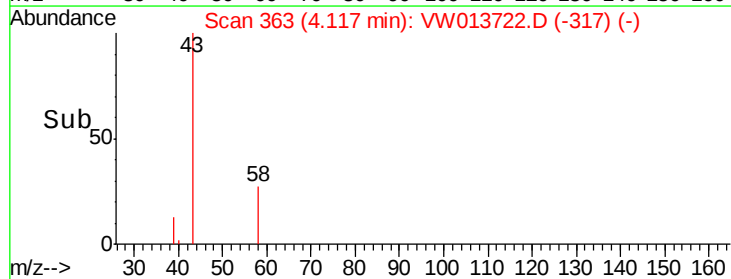
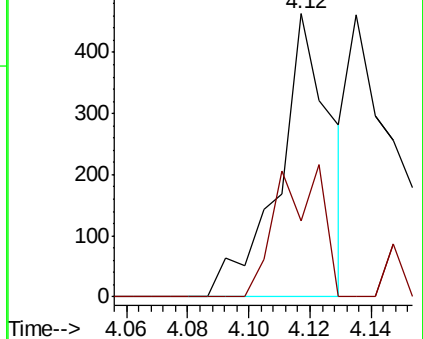
43 100

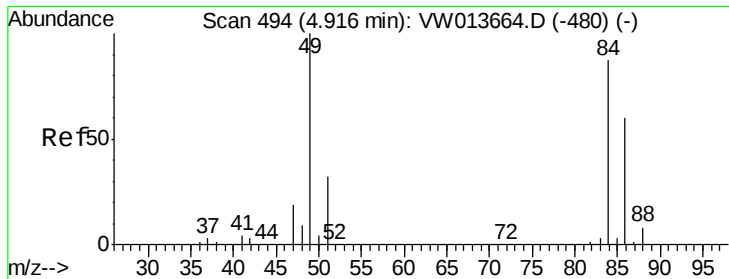
58 26.8 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

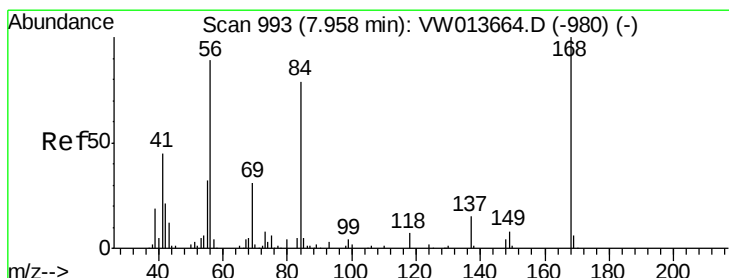
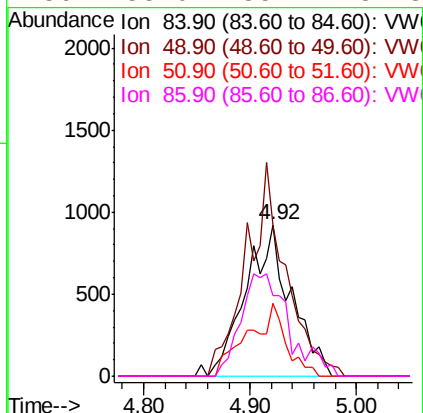
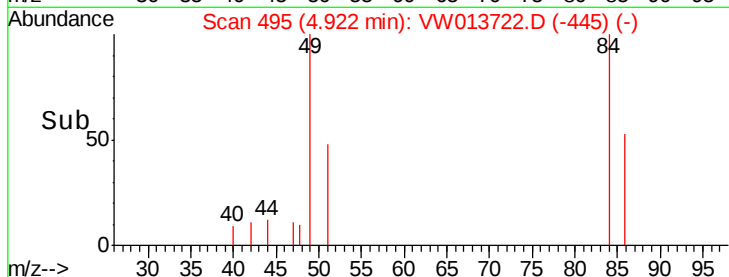
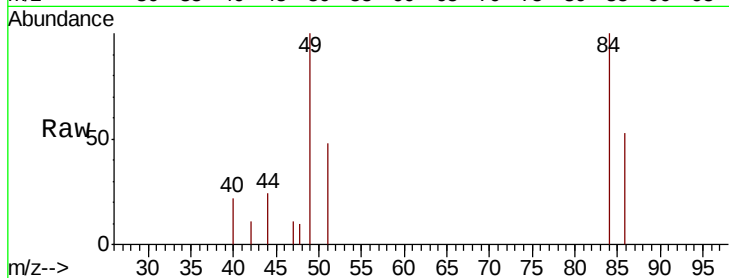




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW013722.D
Acq: 24 Oct 2019 20:12

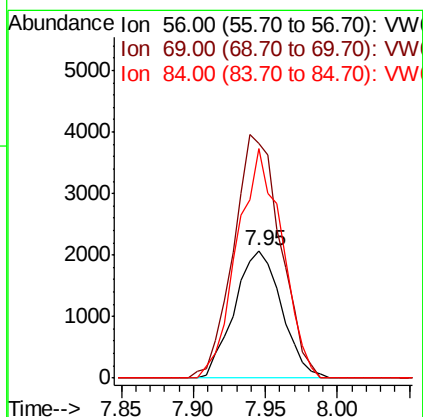
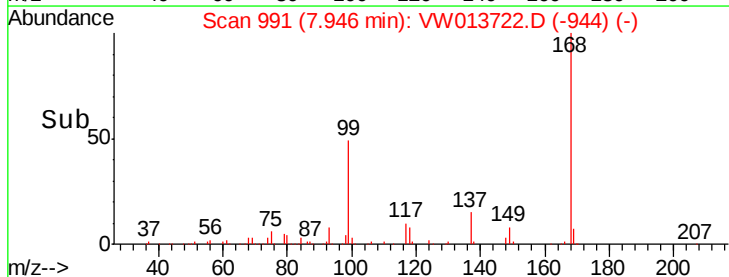
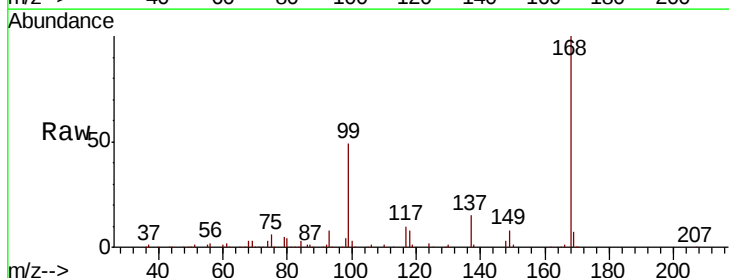
Instrument :
MSVOA_W
ClientSampleId :

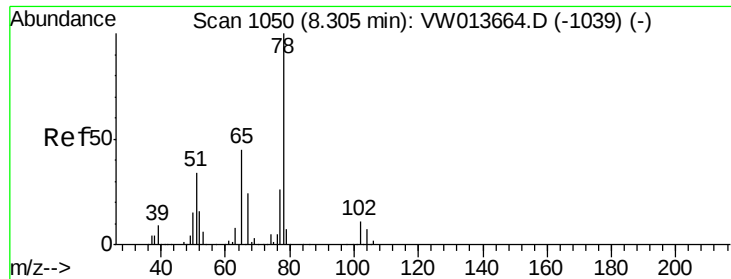
Tot Ion: 84 Resp: 2761
Ion Ratio Lower Upper
84 100
49 100.2 91.8 137.6
51 48.6 29.8 44.6#
86 53.0 55.2 82.8#



#31
Cyclohexane
Concen: 1.035 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW013722.D
Acq: 24 Oct 2019 20:12

Tgt Ion: 56 Resp: 4721
Ion Ratio Lower Upper
56 100
69 183.9 27.5 41.3#
84 179.6 70.8 106.2#

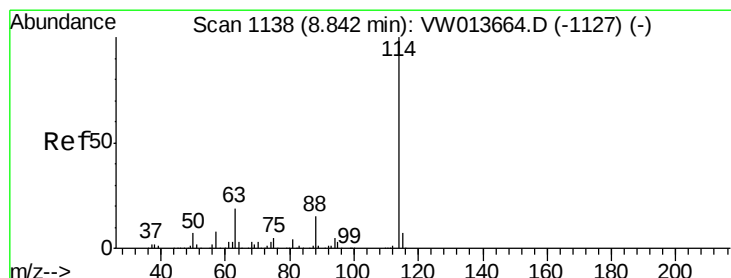
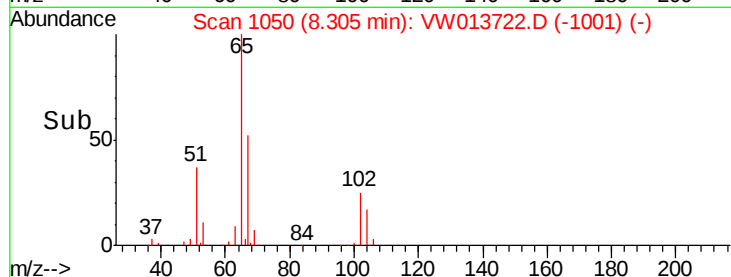
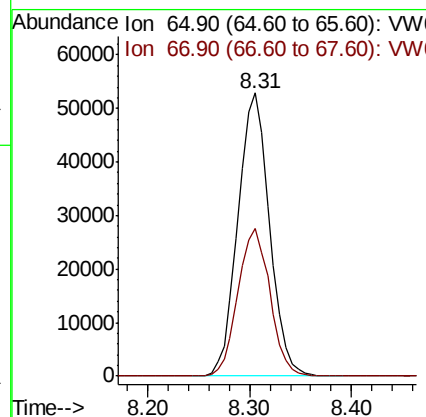
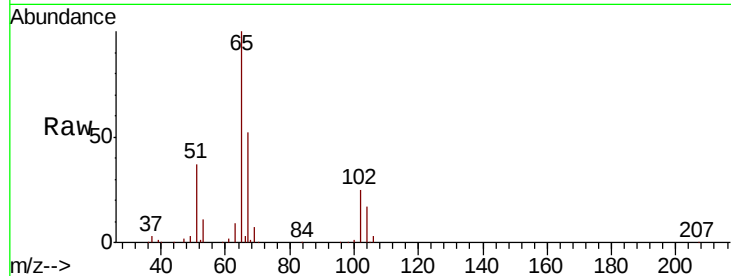




#33
 1,2-Dichloroethane-d4
 Concen: 55.236 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW013722.D
 Acq: 24 Oct 2019 20:12

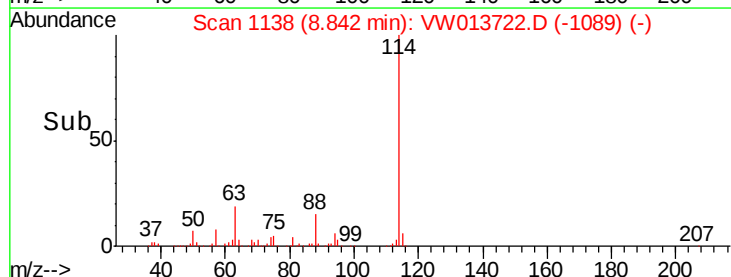
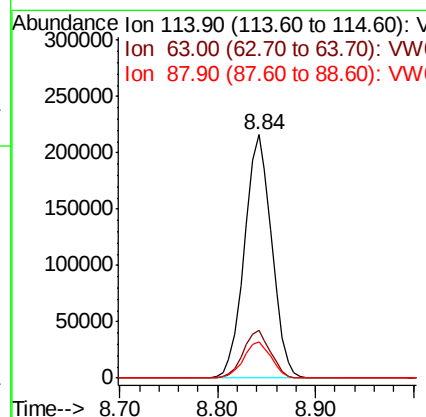
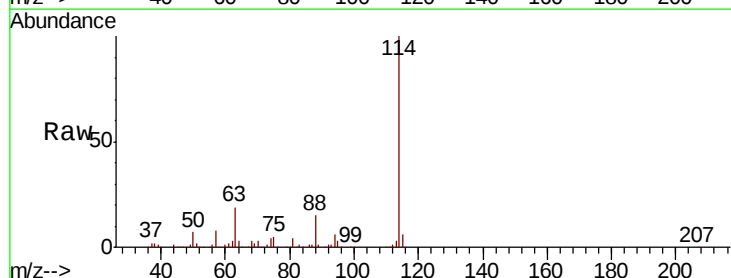
Instrument :
 MSVOA_W
 ClientSampleId :

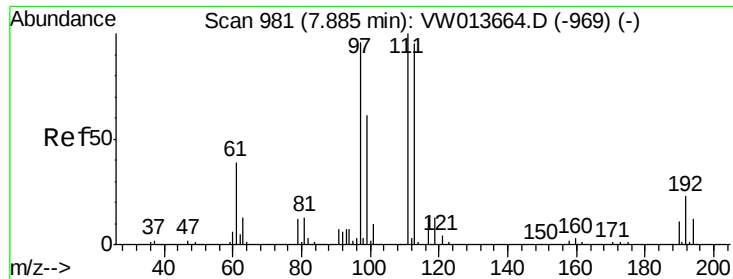
Tot Ion: 65 Resp: 113368
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013722.D
 Acq: 24 Oct 2019 20:12

Tgt Ion: 114 Resp: 417417
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 37.6
 88 14.7 0.0 30.2

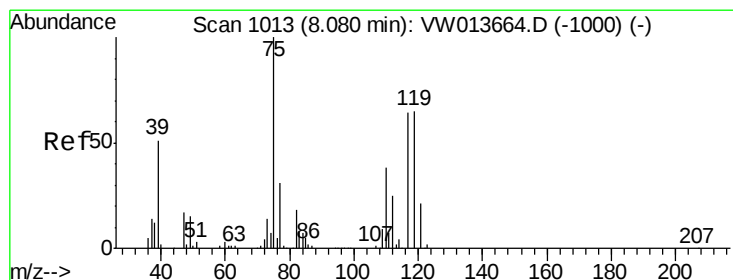
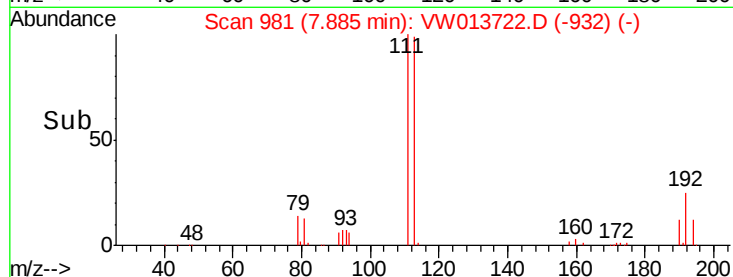
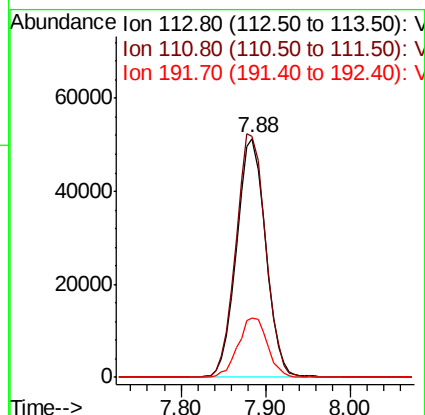
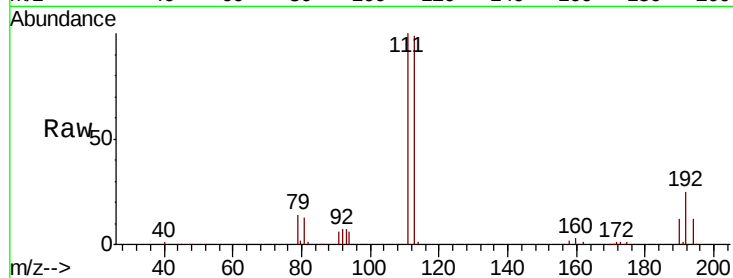




#35
 Dibromofluoromethane
 Concen: 51.766 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW013722.D
 Acq: 24 Oct 2019 20:12

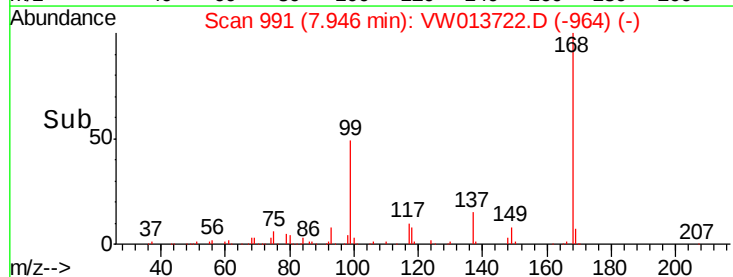
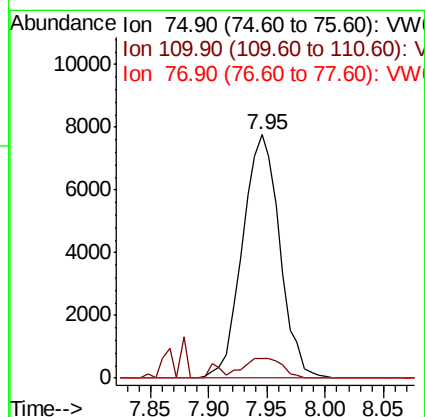
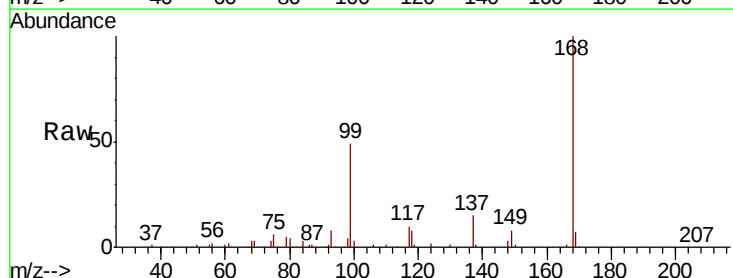
Instrument :
 MSVOA_W
 ClientSampleId :

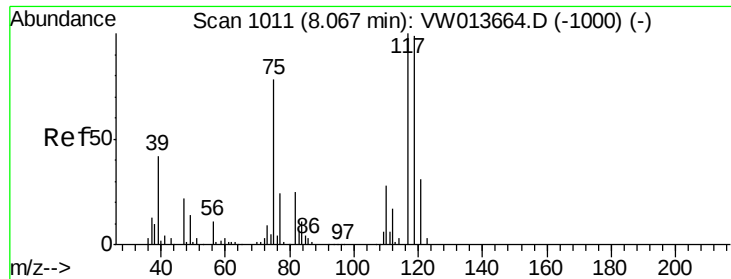
Tot Ion:113 Resp: 120066
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.0 124.6
 192 25.0 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 4.450 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013722.D
 Acq: 24 Oct 2019 20:12

Tgt Ion: 75 Resp: 17299
 Ion Ratio Lower Upper
 75 100
 110 8.6 18.7 56.1#
 77 0.0 25.4 38.0#

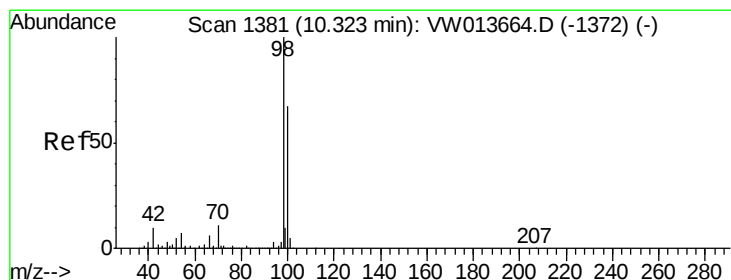
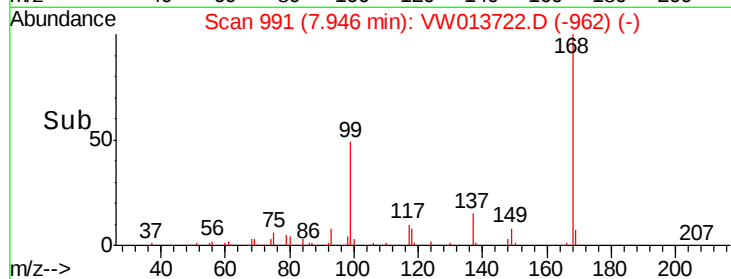
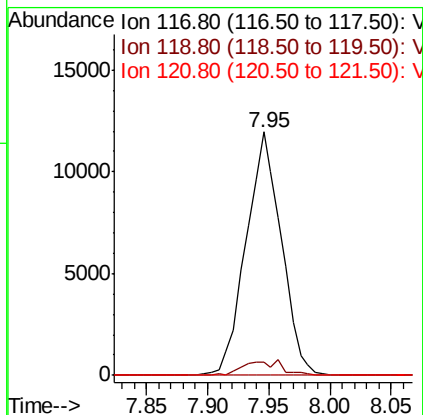
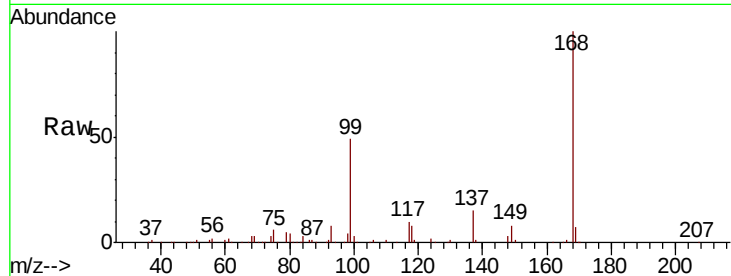




#38
Carbon Tetrachloride
Concen: 6.843 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW013722.D
Acq: 24 Oct 2019 20:12

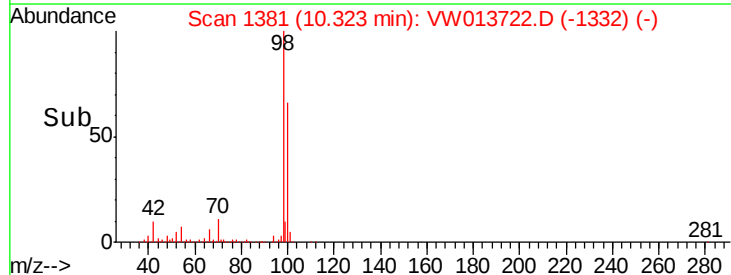
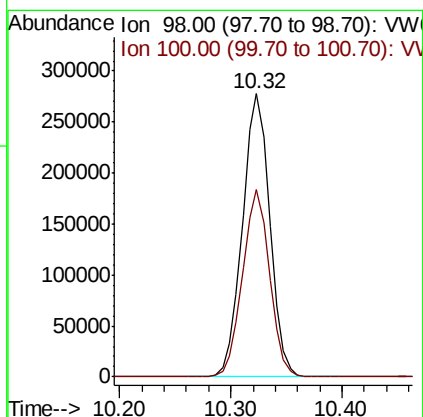
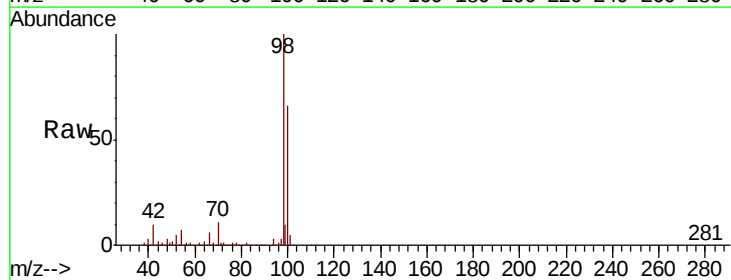
Instrument :
MSVOA_W
ClientSampleId :

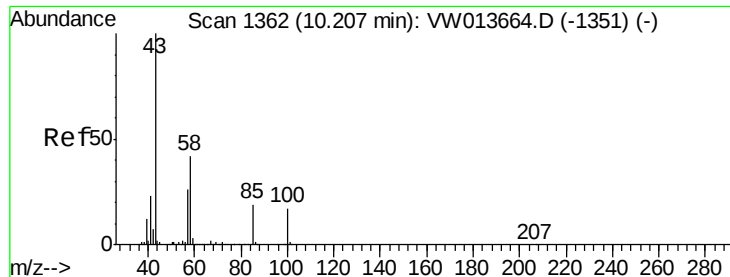
Tot Ion:117 Resp: 23956
Ion Ratio Lower Upper
117 100
119 5.7 79.0 118.4#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 50.134 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013722.D
Acq: 24 Oct 2019 20:12

Tgt Ion: 98 Resp: 473816
Ion Ratio Lower Upper
98 100
100 65.5 53.4 80.0





#51

4-Methyl-2-Pentanone

Concen: 1.337 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.12 min

Lab File: VW013722.D

Acq: 24 Oct 2019 20:12

Instrument :

MSVOA_W

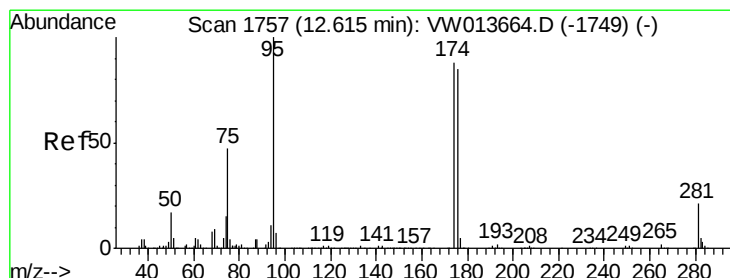
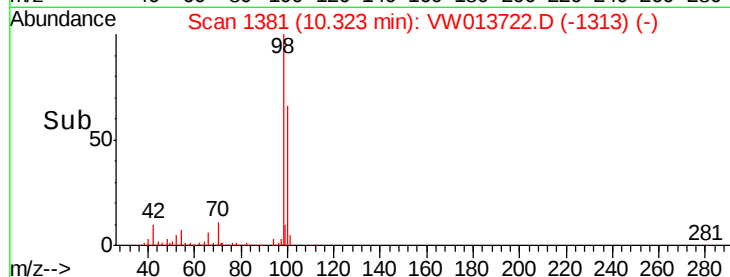
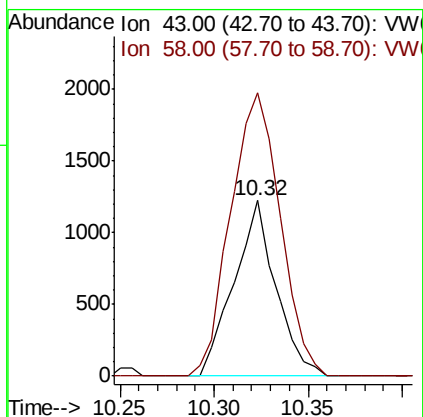
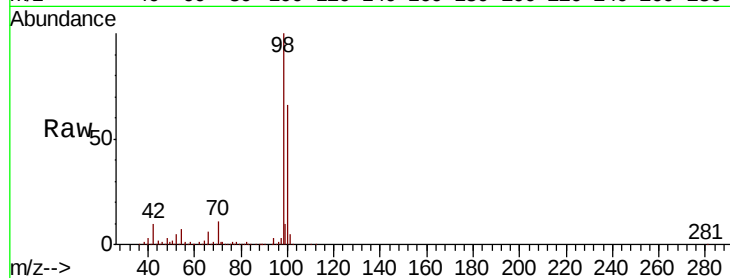
ClientSampled :

Tot Ion: 43 Resp: 1892

Ion Ratio Lower Upper

43 100

58 190.6 32.6 49.0#



#62

4-Bromofluorobenzene

Concen: 43.676 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013722.D

Acq: 24 Oct 2019 20:12

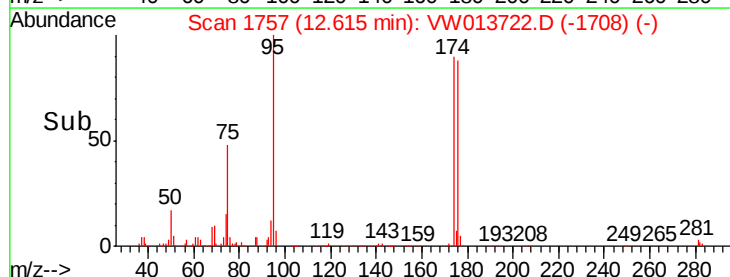
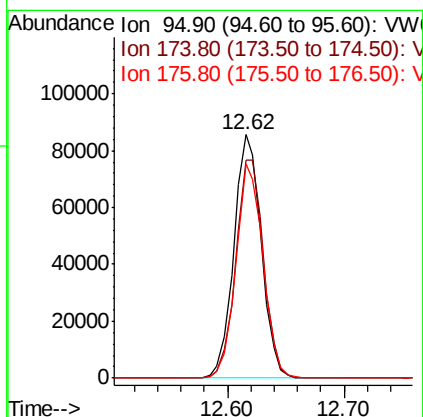
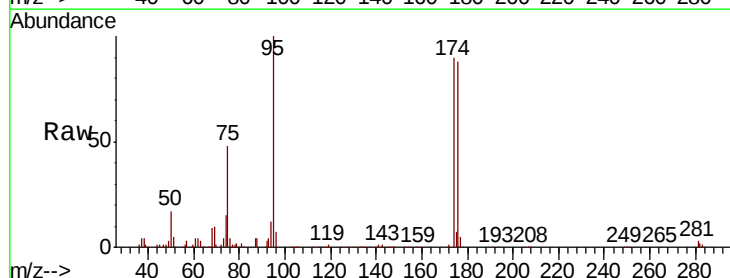
Tgt Ion: 95 Resp: 139770

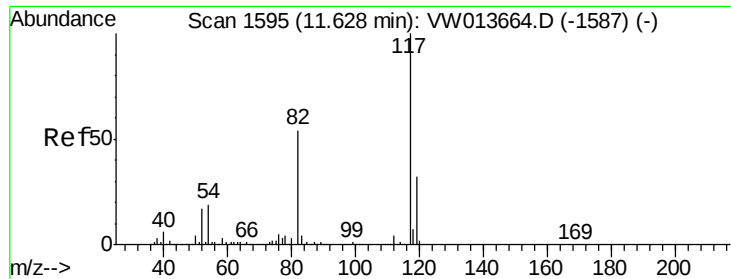
Ion Ratio Lower Upper

95 100

174 91.3 0.0 183.6

176 87.0 0.0 178.0

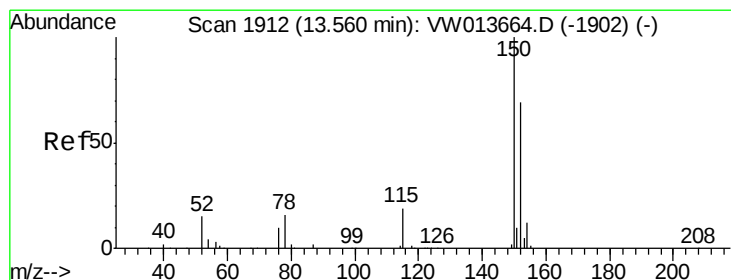
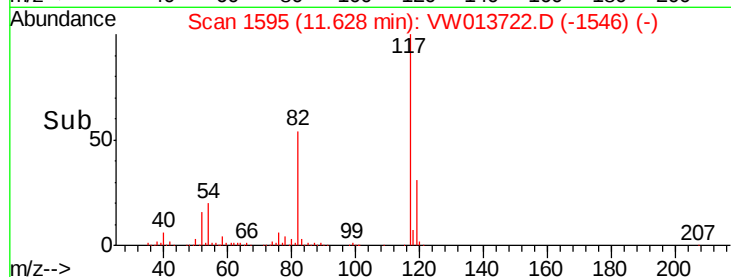
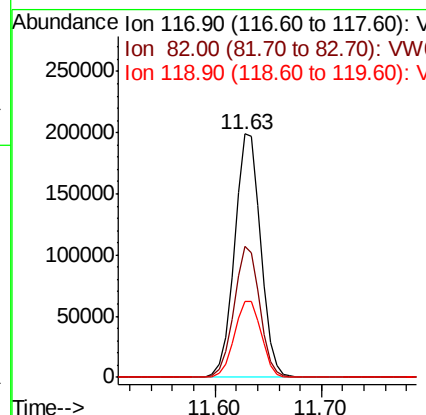
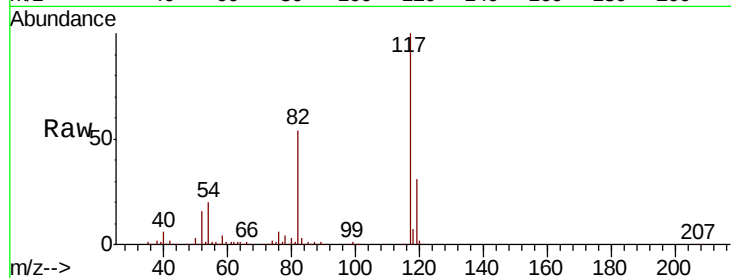




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013722.D
Acq: 24 Oct 2019 20:12

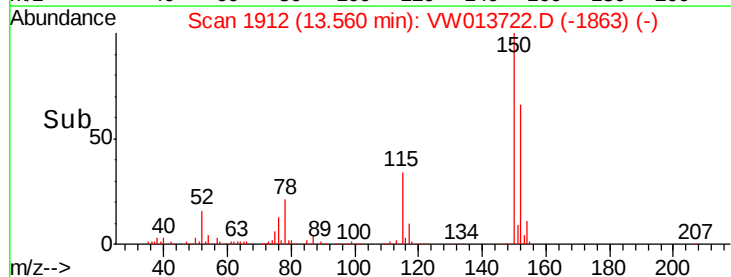
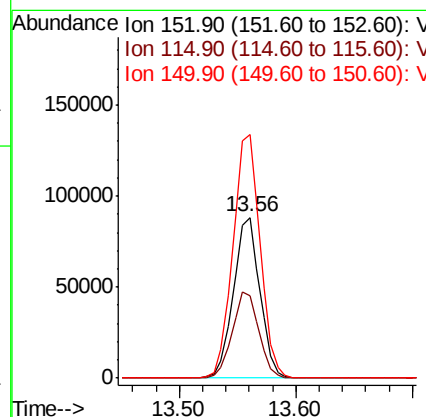
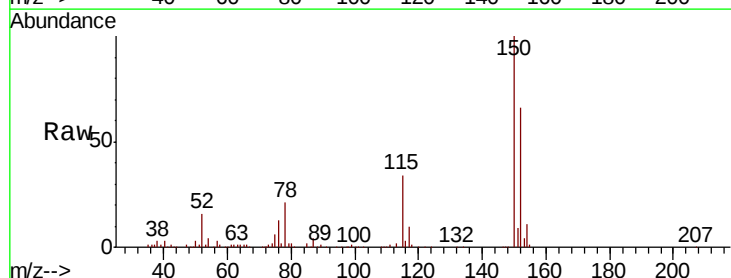
Instrument :
MSVOA_W
ClientSampleId :

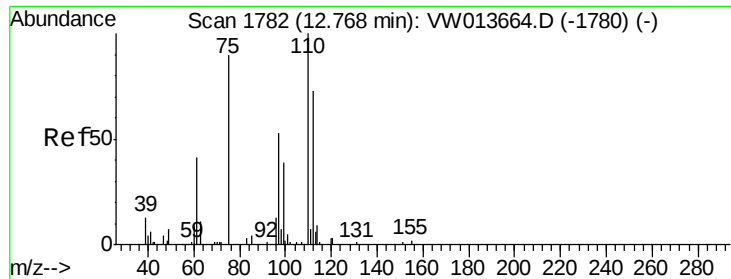
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.6	65.4
119	31.3	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW013722.D
Acq: 24 Oct 2019 20:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.0	27.4	82.2
150	155.8	0.0	345.4



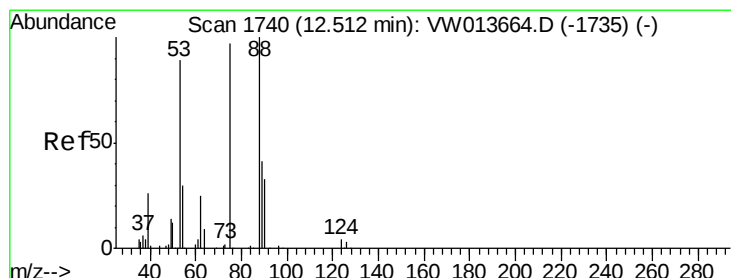
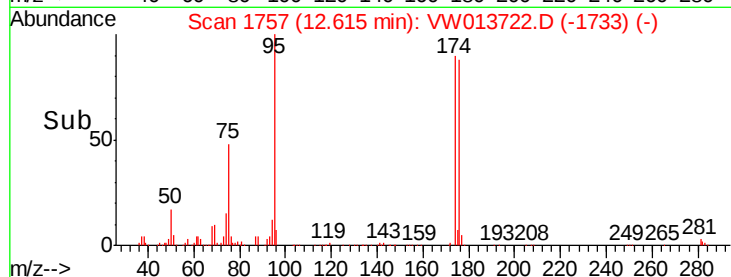
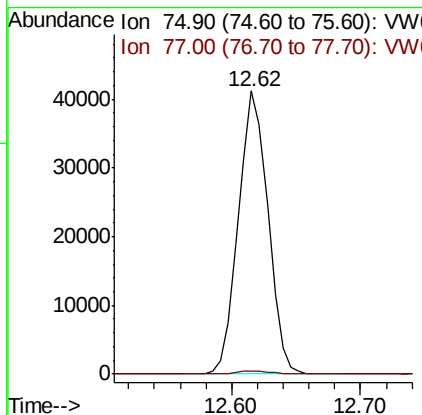
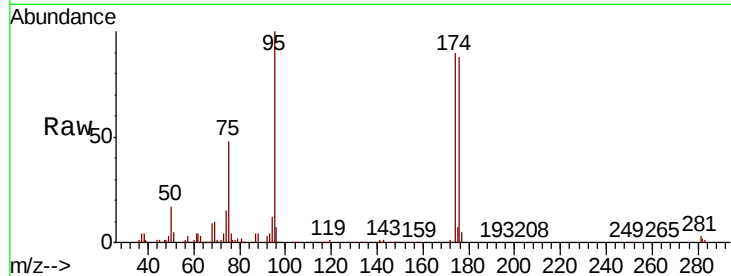


#76

1,2,3-Trichloropropane
Concen: 65.672 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW013722.D
Acq: 24 Oct 2019 20:12

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 75 Resp: 65567
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene
Concen: 124.112 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW013722.D
Acq: 24 Oct 2019 20:12

Tgt Ion: 75 Resp: 65567
Ion Ratio Lower Upper
75 100
53 0.0 71.7 107.5#
89 0.0 35.8 53.8#

