

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013692.D
 Acq On : 24 Oct 2019 03:32
 Operator : SY/VA
 Sample : K5502-10
 Misc : 7.21G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 24 07:32:12 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

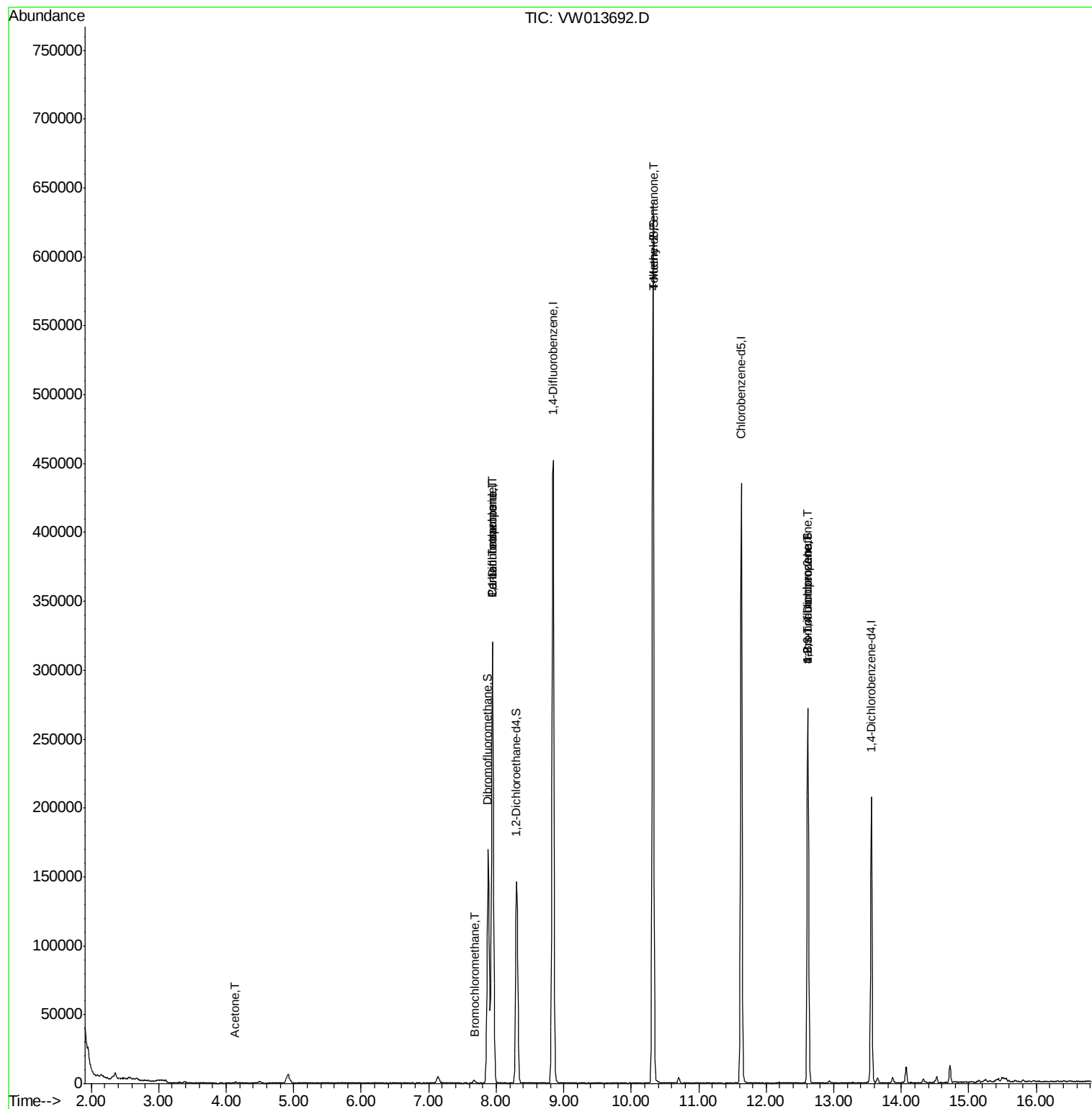
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	269363	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	411588	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	263882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	60855	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	116758	57.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.56%	
35) Dibromofluoromethane	7.88	113	123191	53.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.74%	
50) Toluene-d8	10.32	98	430945	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	
62) 4-Bromofluorobenzene	12.62	95	85961	27.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	54.48%	
Target Compounds						
					Qvalue	
16) Acetone	4.13	43	1758	4.103	ug/l #	87
20) Methylene Chloride	4.91	84	5433	Below Cal		90
28) Bromochloromethane	7.68	49	78	1.390	ug/l #	7
36) 1,1-Dichloropropene	7.94	75	17150	4.474	ug/l #	47
38) Carbon Tetrachloride	7.94	117	22198	6.431	ug/l #	14
51) 4-Methyl-2-Pentanone	10.32	43	1850	1.326	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	39272	89.862	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	39272	169.827	ug/l #	14

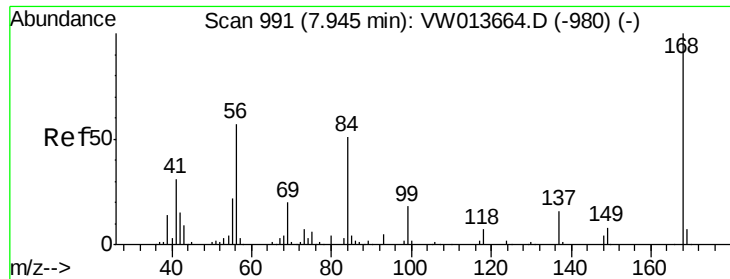
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102319\
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ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Oct 24 07:32:12 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: VW013692.D

Acq: 24 Oct 2019 03:32

Instrument :

MSVOA_W

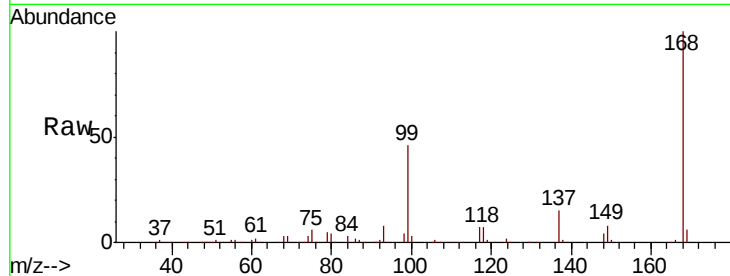
ClientSampleId :

Tot Ion:168 Resp: 269363

Ion Ratio Lower Upper

168 100

99 46.0 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

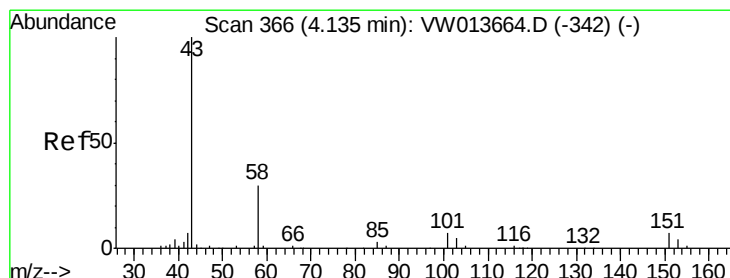
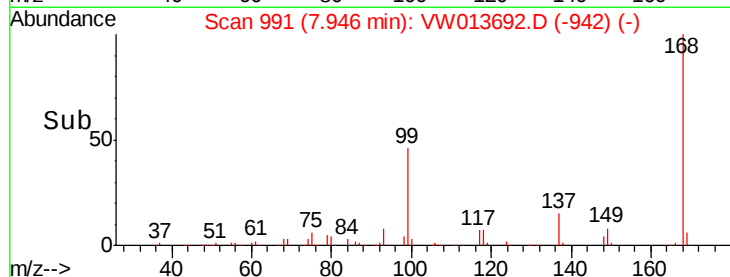
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 4.103 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW013692.D

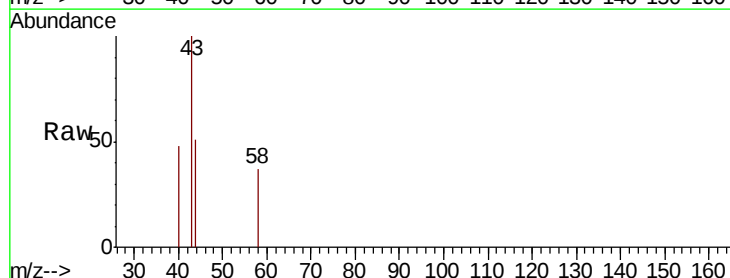
Acq: 24 Oct 2019 03:32

Tgt Ion: 43 Resp: 1758

Ion Ratio Lower Upper

43 100

58 37.0 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

600

500

400

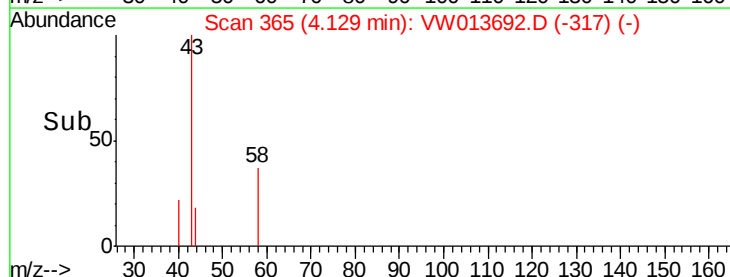
300

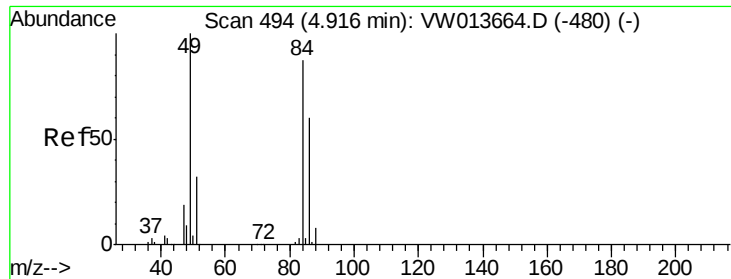
200

100

0

Time--> 4.05 4.10 4.15 4.20

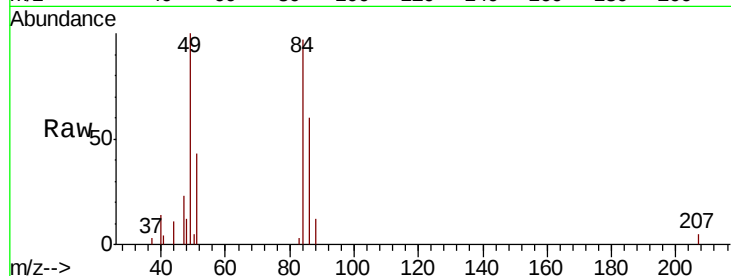




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW013692.D
Acq: 24 Oct 2019 03:32

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	84	Resp:	5433
Ion	Ratio	Lower	Upper
84	100		
49	103.1	91.8	137.6
51	44.5	29.8	44.6
86	62.1	55.2	82.8



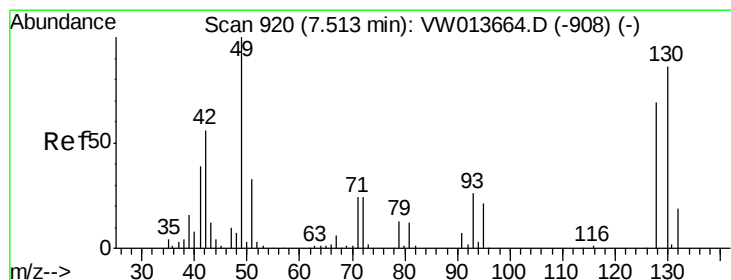
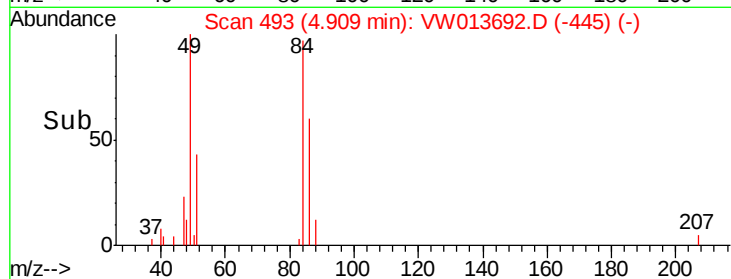
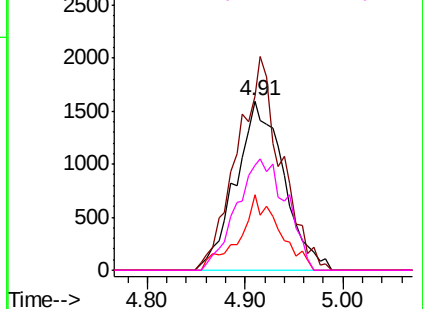
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

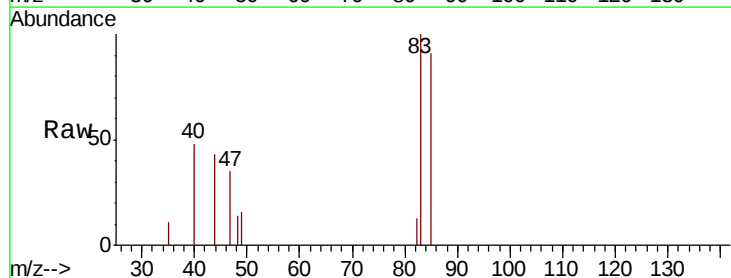
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#28
Bromochloromethane
Concen: 1.390 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.17 min
Lab File: VW013692.D
Acq: 24 Oct 2019 03:32

Tgt Ion:	49	Resp:	78
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	0.6
130	0.0	67.5	101.3#

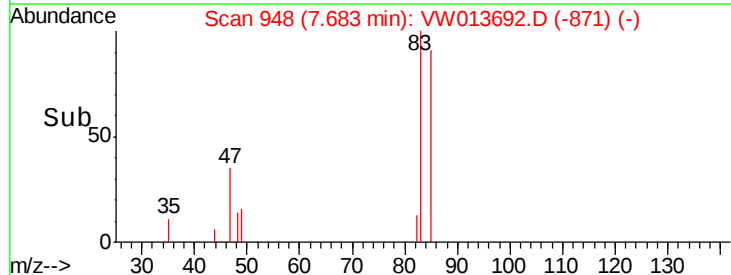
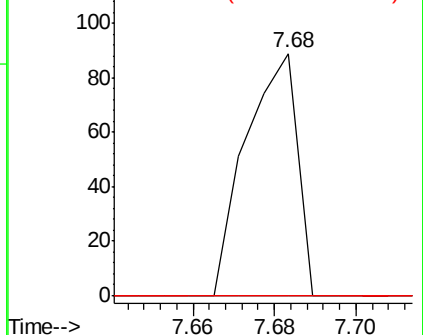


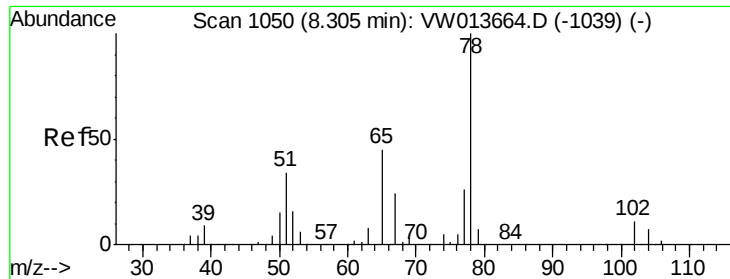
Abundance

Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

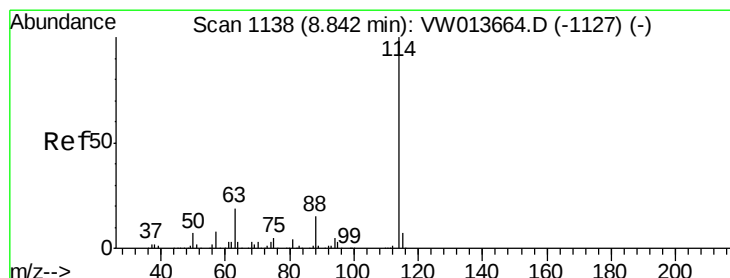
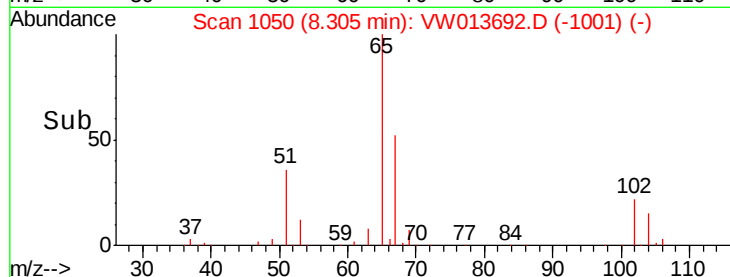
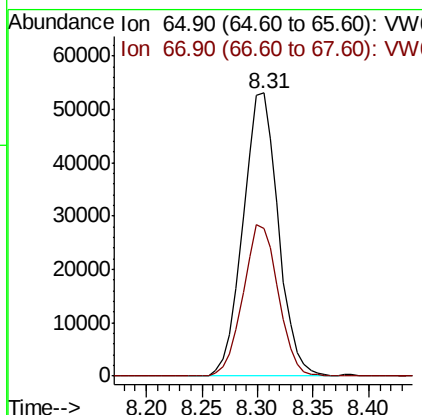
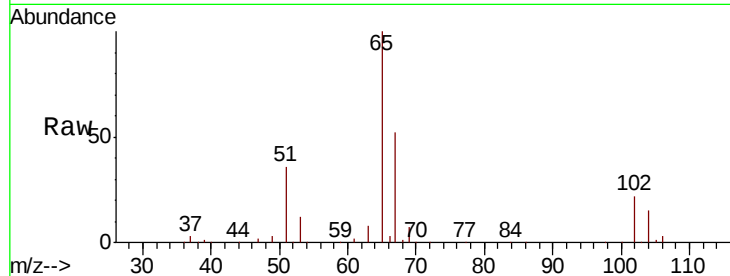




#33
 1,2-Dichloroethane-d4
 Concen: 57.782 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW013692.D
 Acq: 24 Oct 2019 03:32

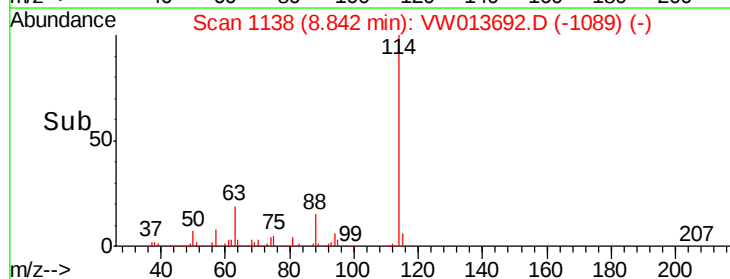
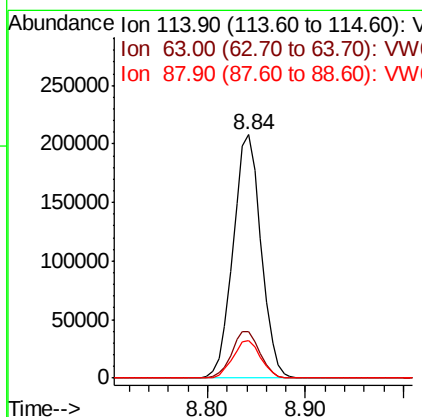
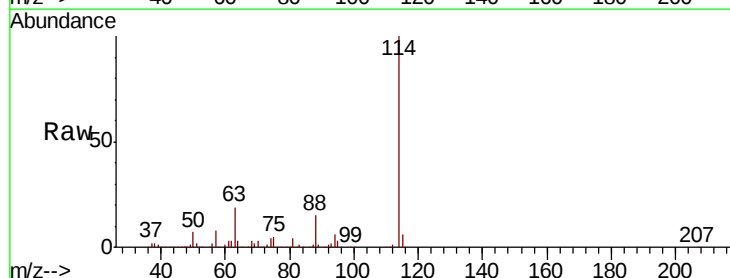
Instrument :
 MSVOA_W
 ClientSampleId :

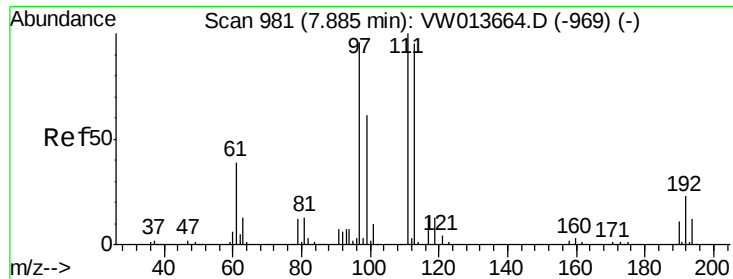
Tot Ion: 65 Resp: 116758
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013692.D
 Acq: 24 Oct 2019 03:32

Tgt Ion: 114 Resp: 411588
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 37.6
 88 15.2 0.0 30.2

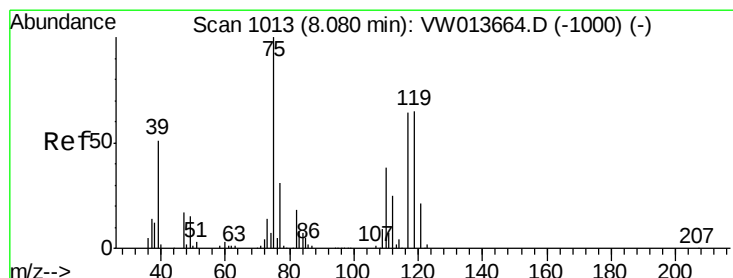
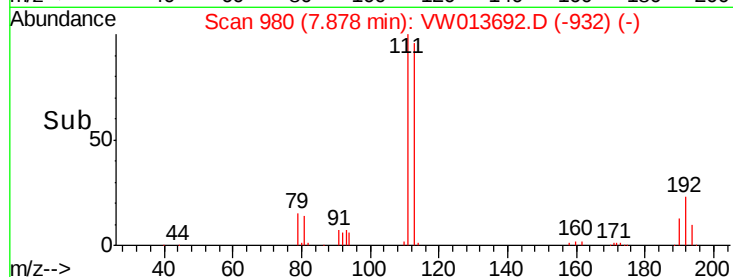
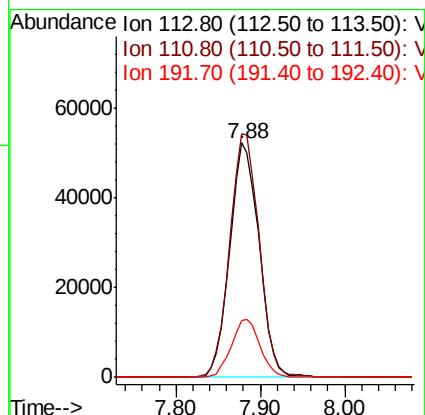
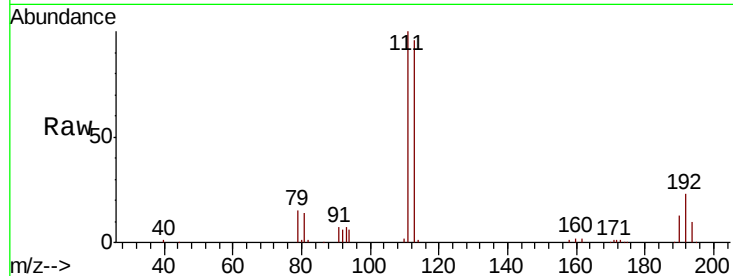




#35
 Dibromofluoromethane
 Concen: 53.866 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW013692.D
 Acq: 24 Oct 2019 03:32

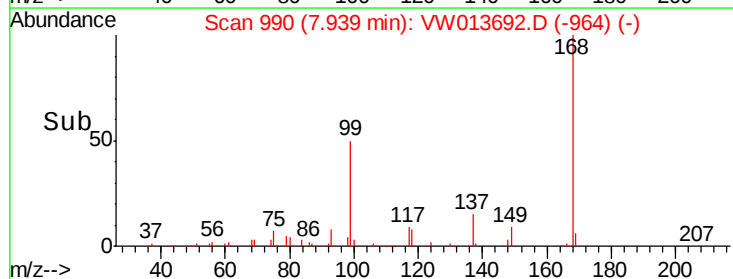
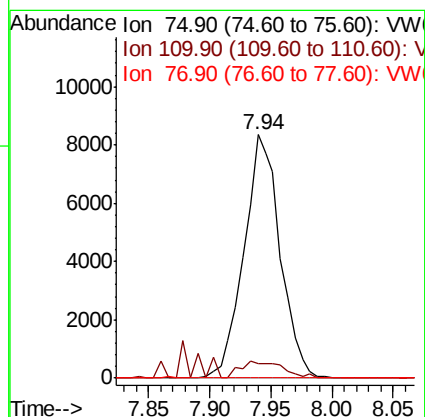
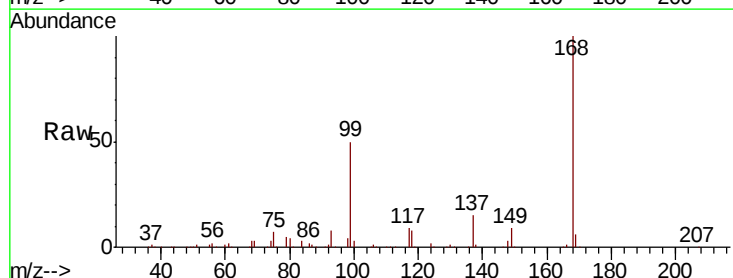
Instrument :
 MSVOA_W
 ClientSampleId :

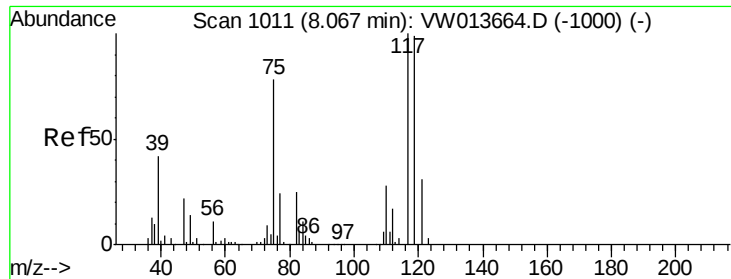
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.2	83.0	124.6
192	24.2	19.4	29.2



#36
 1,1-Dichloropropene
 Concen: 4.474 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW013692.D
 Acq: 24 Oct 2019 03:32

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.0	18.7	56.1#
77	0.0	25.4	38.0#





#38

Carbon Tetrachloride

Concen: 6.431 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.13 min

Lab File: VW013692.D

Acq: 24 Oct 2019 03:32

Instrument :

MSVOA_W

ClientSampled :

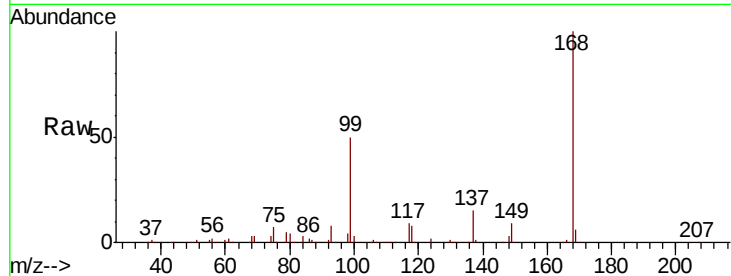
Tot Ion:117 Resp: 22198

Ion Ratio Lower Upper

117 100

119 4.1 79.0 118.4#

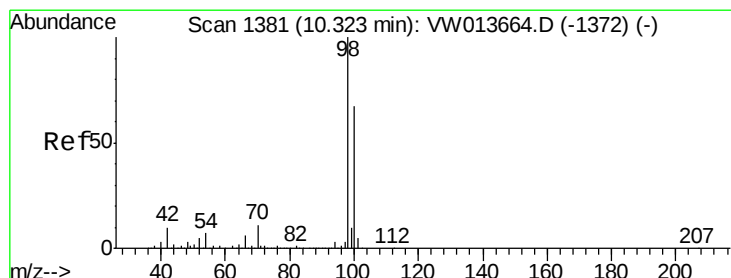
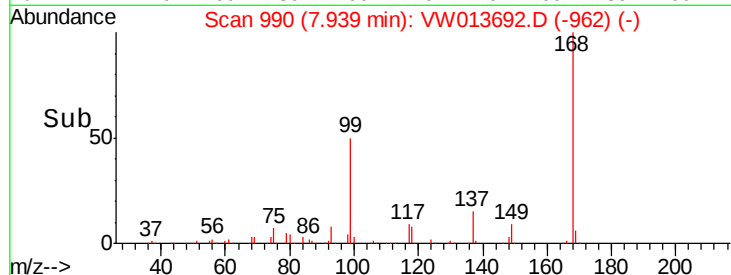
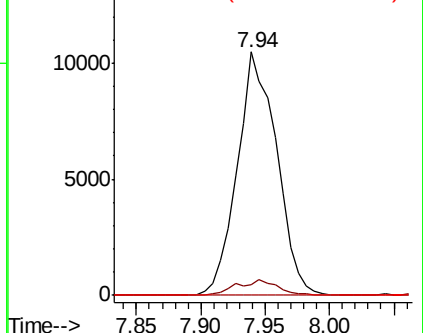
121 0.0 24.5 36.7#



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: 46.244 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013692.D

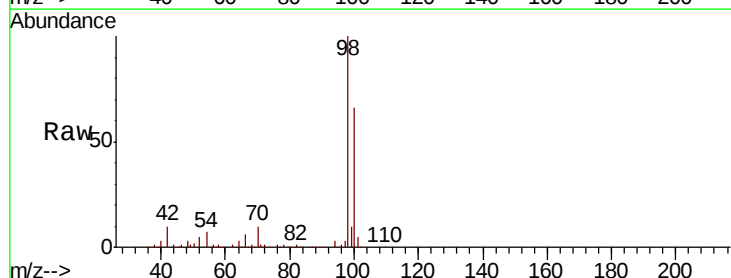
Acq: 24 Oct 2019 03:32

Tgt Ion: 98 Resp: 430945

Ion Ratio Lower Upper

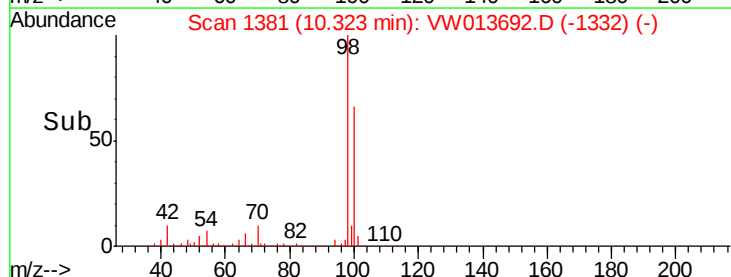
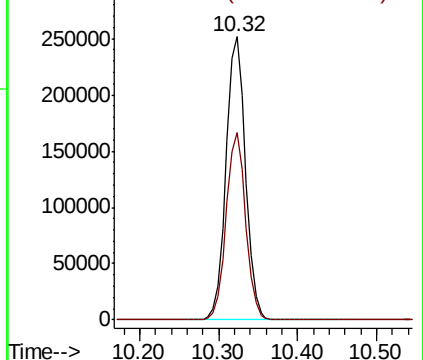
98 100

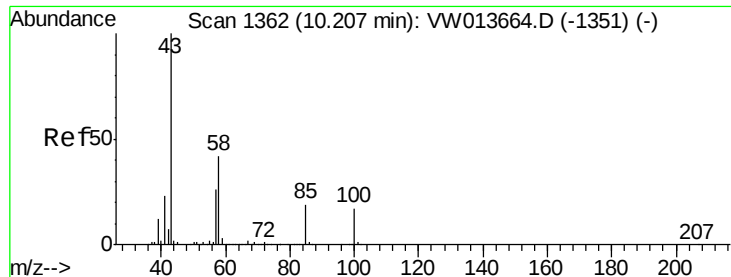
100 66.1 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 1.326 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.12 min

Lab File: VW013692.D

Acq: 24 Oct 2019 03:32

Instrument :

MSVOA_W

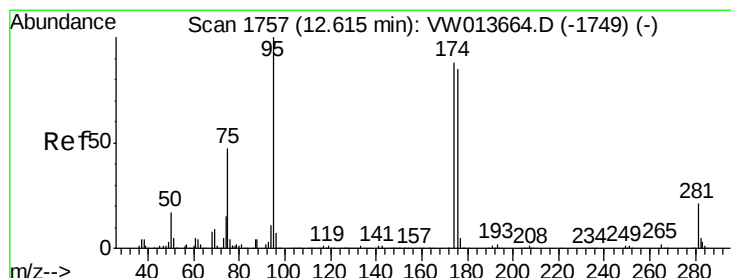
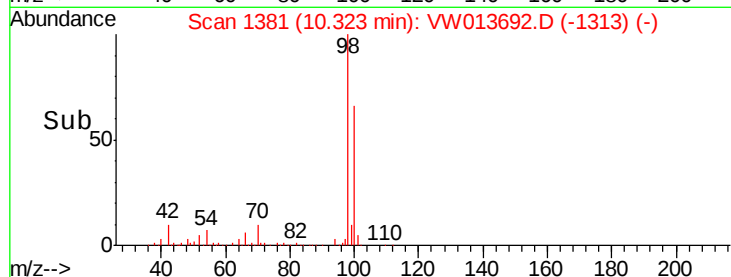
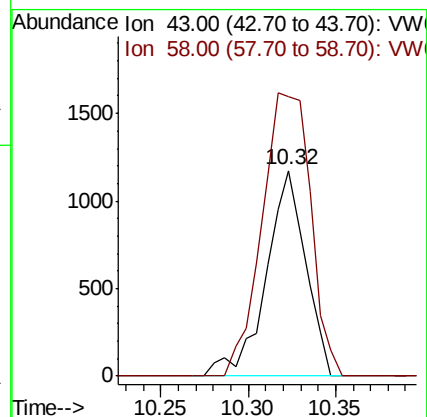
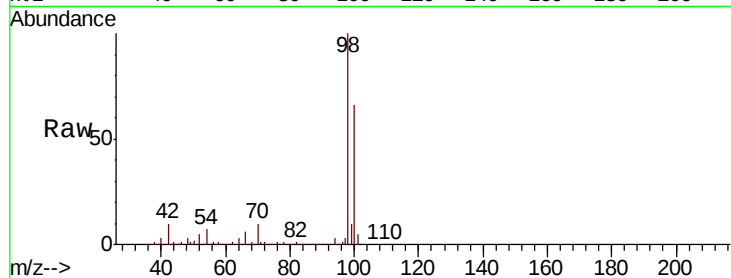
ClientSampleId :

Tot Ion: 43 Resp: 1850

Ion Ratio Lower Upper

43 100

58 169.8 32.6 49.0#



#62

4-Bromofluorobenzene

Concen: 27.242 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013692.D

Acq: 24 Oct 2019 03:32

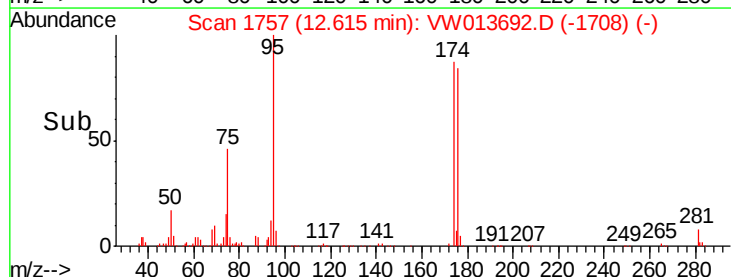
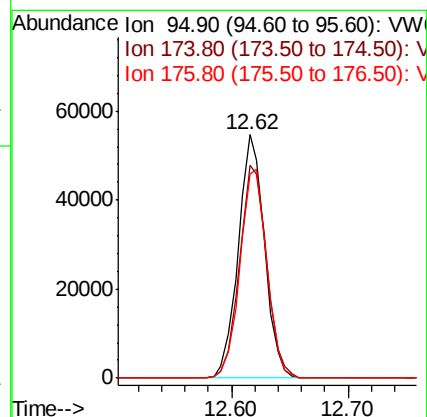
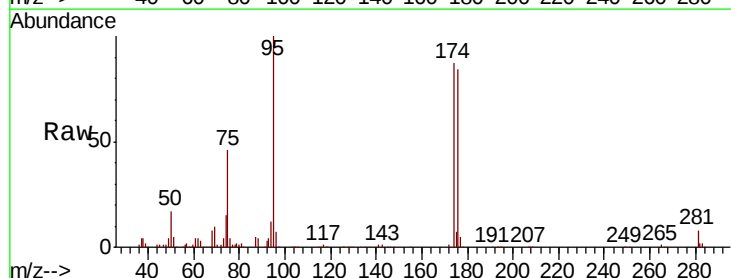
Tgt Ion: 95 Resp: 85961

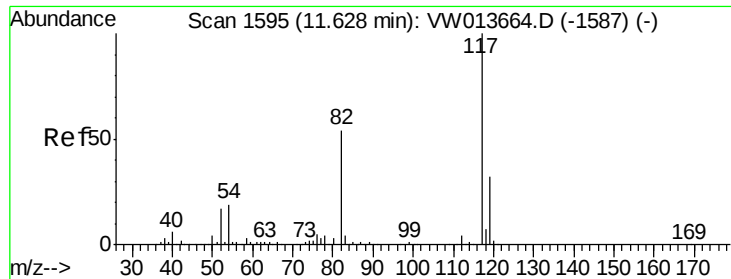
Ion Ratio Lower Upper

95 100

174 90.6 0.0 183.6

176 87.9 0.0 178.0

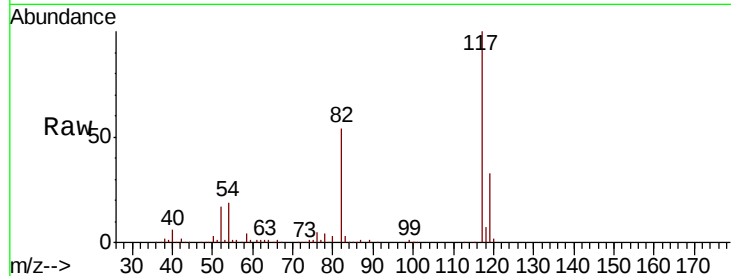




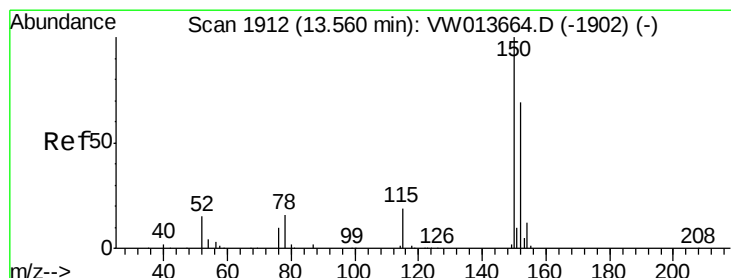
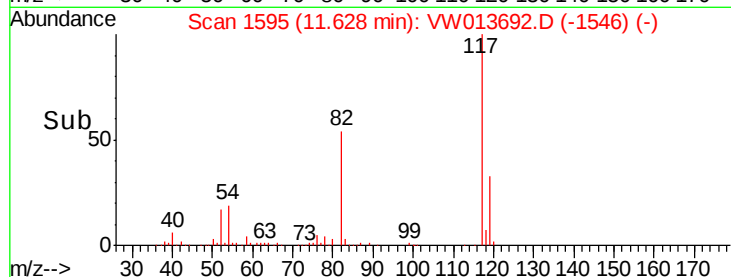
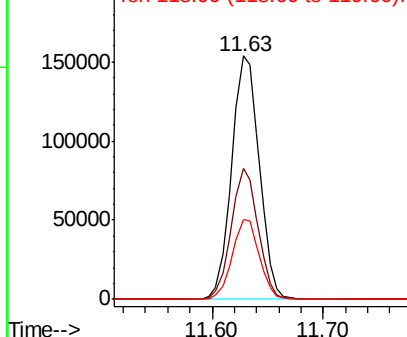
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013692.D
Acq: 24 Oct 2019 03:32

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 263882
Ion Ratio Lower Upper
117 100
82 53.9 43.6 65.4
119 32.8 25.4 38.2

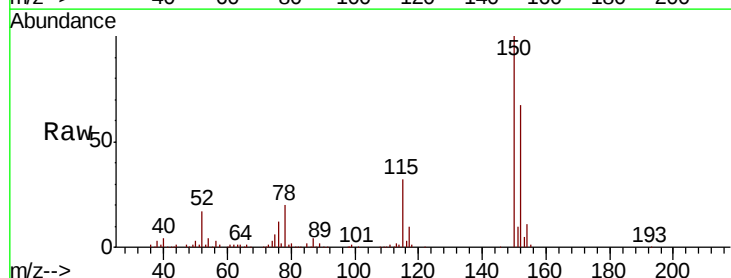


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

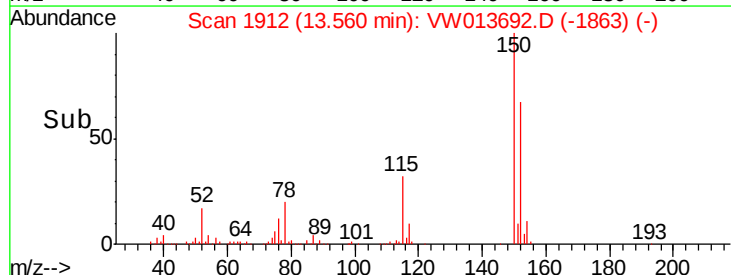
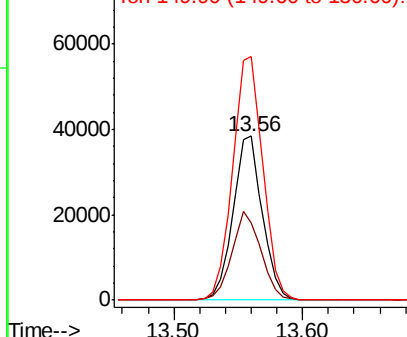


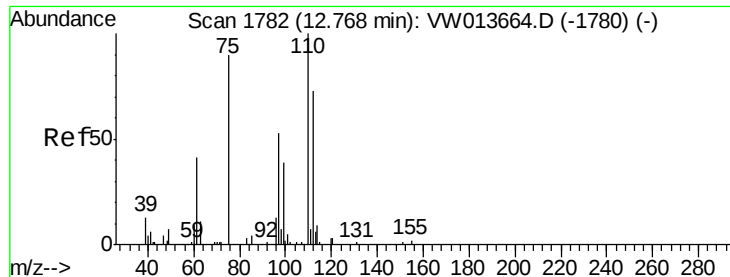
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW013692.D
Acq: 24 Oct 2019 03:32

Tgt Ion:152 Resp: 60855
Ion Ratio Lower Upper
152 100
115 53.8 27.4 82.2
150 152.9 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: 89.862 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013692.D

Acq: 24 Oct 2019 03:32

Instrument :

MSVOA_W

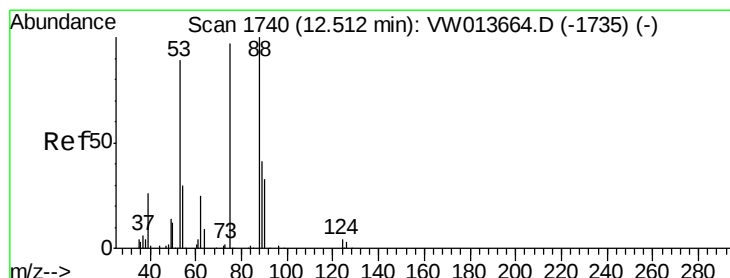
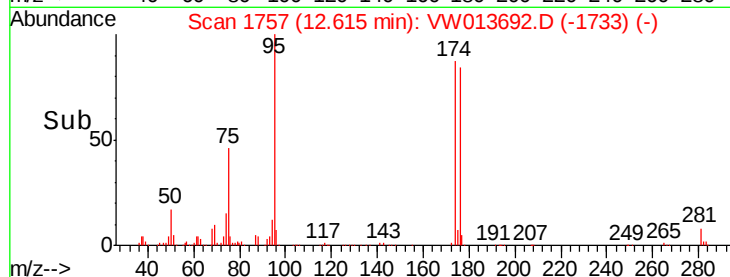
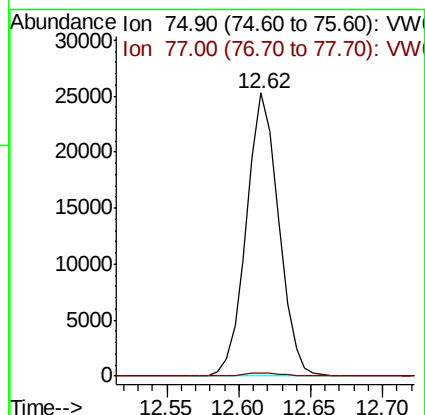
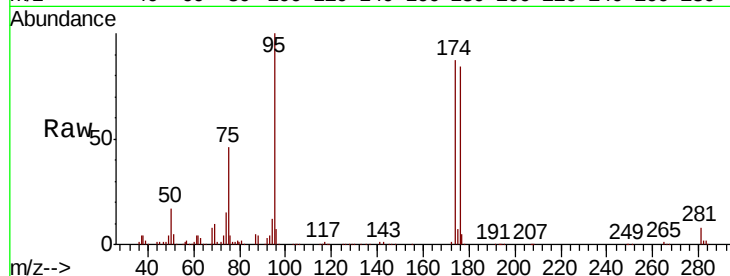
ClientSampleId :

Tot Ion: 75 Resp: 39272

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 169.827 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013692.D

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Tgt Ion: 75 Resp: 39272

Ion Ratio Lower Upper

75 100

53 0.0 71.7 107.5#

89 0.0 35.8 53.8#

