

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013698.D
 Acq On : 24 Oct 2019 06:08
 Operator : SY/VA
 Sample : K5503-02
 Misc : 5.77G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 24 07:33:13 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

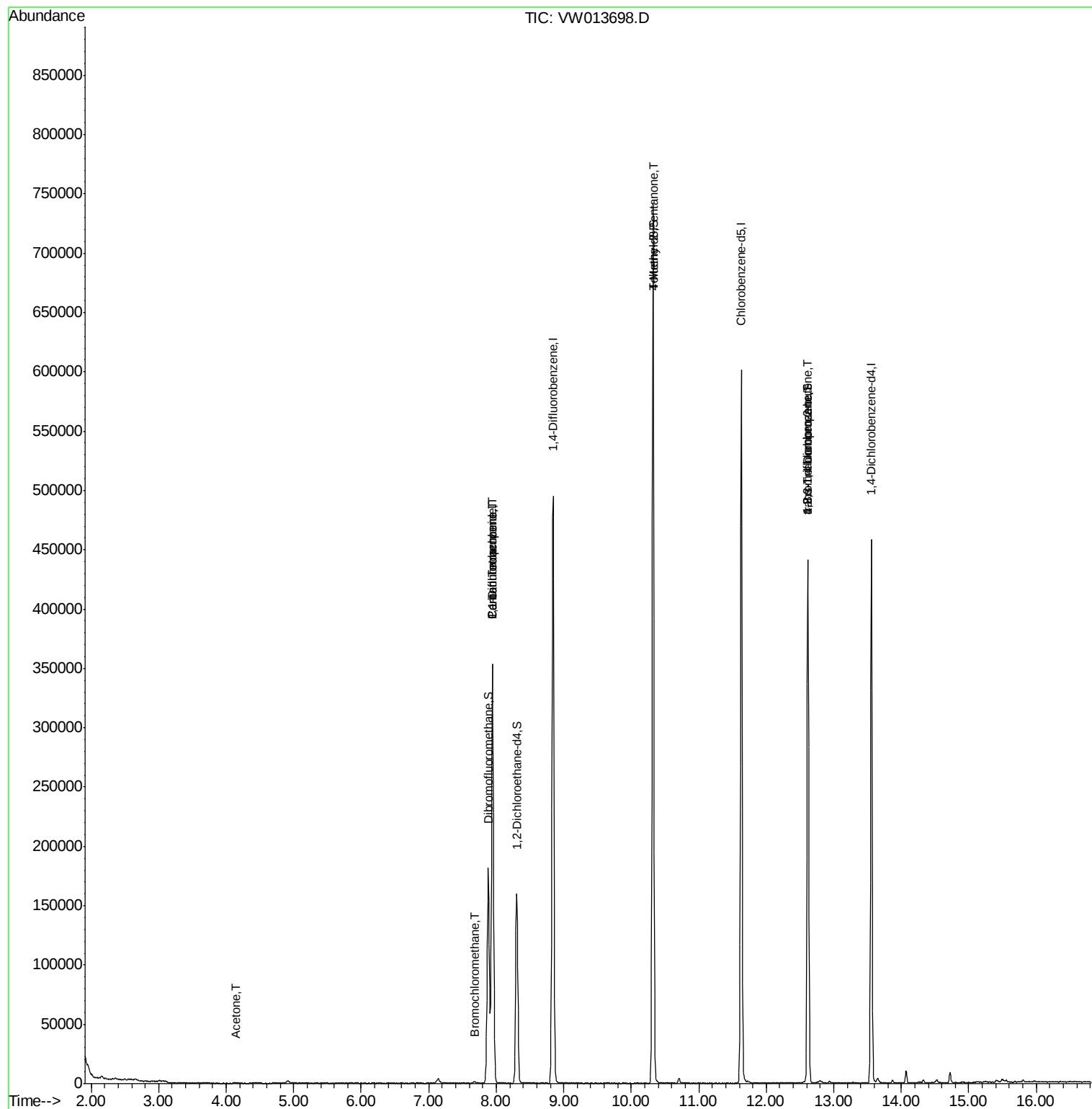
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	293087	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	450373	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	362155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	132569	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	126220	57.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.82%	
35) Dibromofluoromethane	7.88	113	133338	53.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.56%	
50) Toluene-d8	10.32	98	515242	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
62) 4-Bromofluorobenzene	12.62	95	143306	41.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.00%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	1132	2.428	ug/l #	80
20) Methylene Chloride	4.92	84	1685	Below Cal	#	76
28) Bromochloromethane	7.67	49	54	1.372	ug/l #	7
36) 1,1-Dichloropropene	7.94	75	18327	4.369	ug/l #	49
38) Carbon Tetrachloride	7.95	117	25189	6.669	ug/l #	15
51) 4-Methyl-2-Pentanone	10.32	43	2128	1.393	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	67621	71.028	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	67621	134.233	ug/l #	14

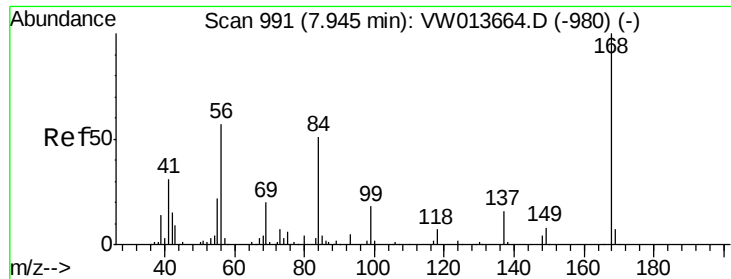
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013698.D

Acq: 24 Oct 2019 06:08

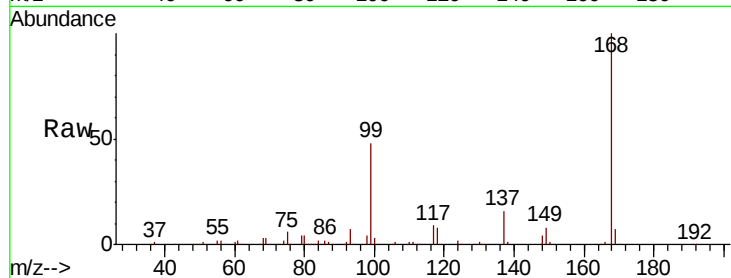
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 293087

Ion Ratio Lower Upper

168 100

99 47.6 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

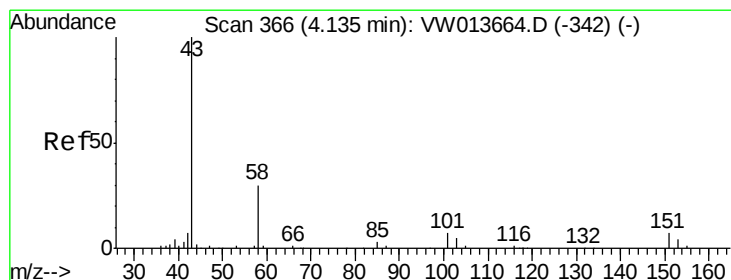
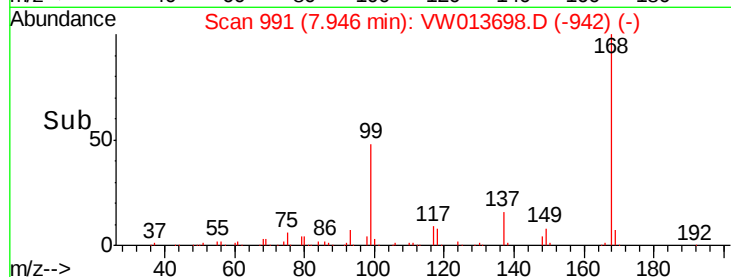
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 2.428 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.00 min

Lab File: VW013698.D

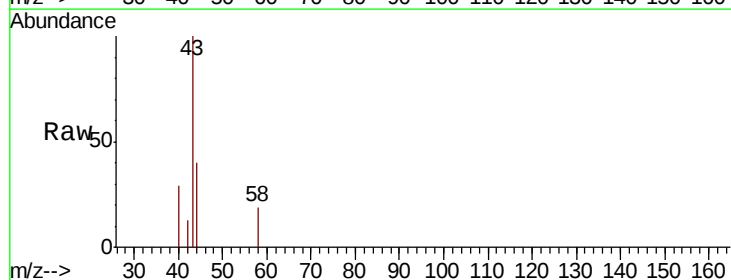
Acq: 24 Oct 2019 06:08

Tgt Ion: 43 Resp: 1132

Ion Ratio Lower Upper

43 100

58 19.3 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

500

400

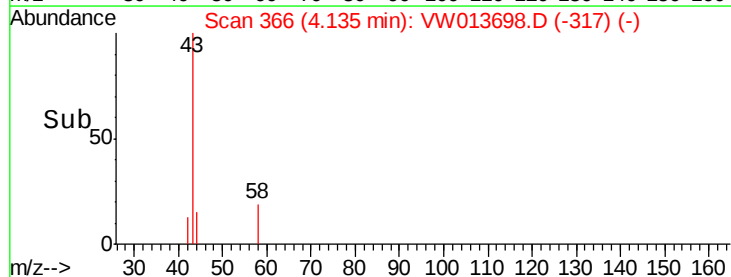
300

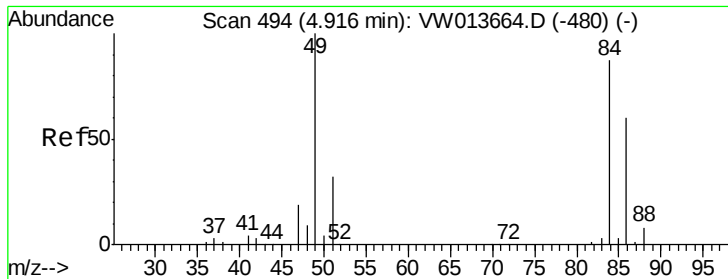
200

100

0

Time--> 4.05 4.10 4.15 4.20





#20

Methvlene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW013698.D

Acq: 24 Oct 2019 06:08

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 84 Resp: 1685

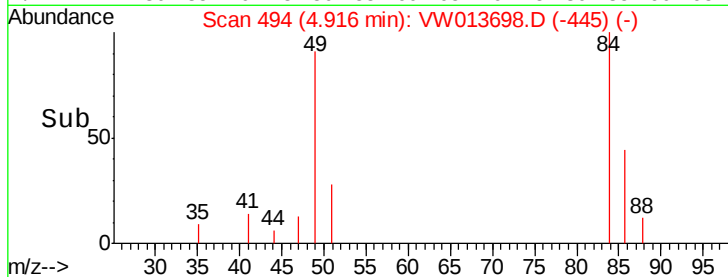
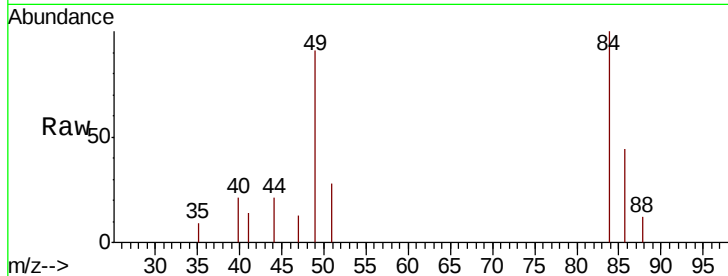
Ion Ratio Lower Upper

84 100

49 91.0 91.8 137.6#

51 28.1 29.8 44.6#

86 43.7 55.2 82.8#

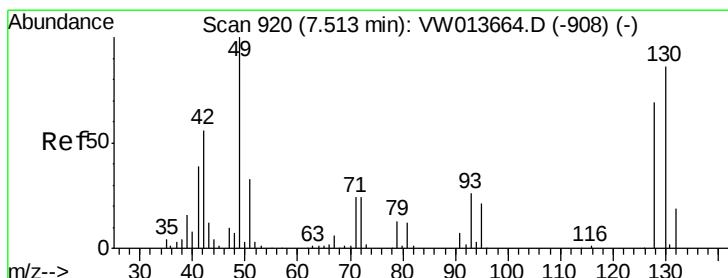
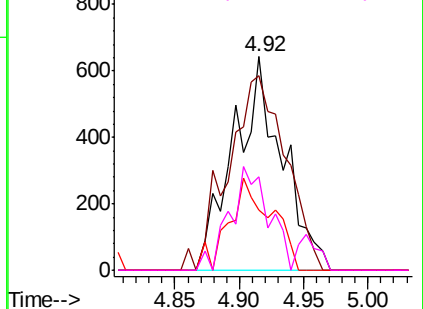


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 1.372 ug/l

RT: 7.67 min Scan# 946

Delta R.T. 0.16 min

Lab File: VW013698.D

Acq: 24 Oct 2019 06:08

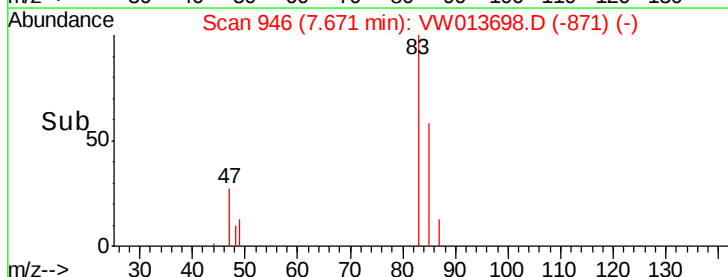
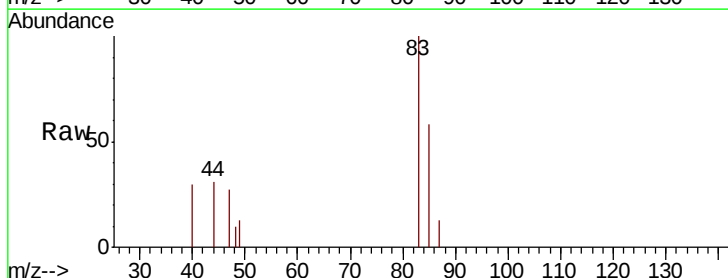
Tgt Ion: 49 Resp: 54

Ion Ratio Lower Upper

49 100

129 0.0 0.0 0.6

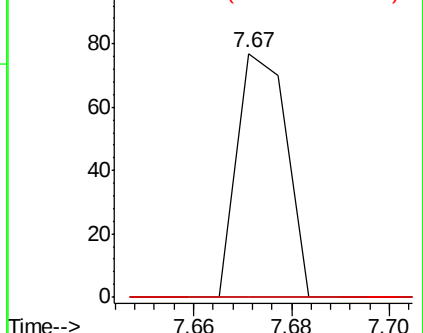
130 0.0 67.5 101.3#

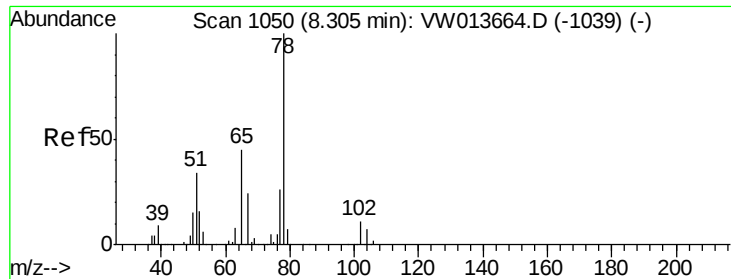


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

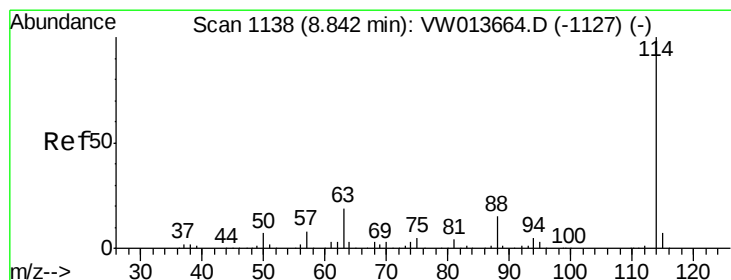
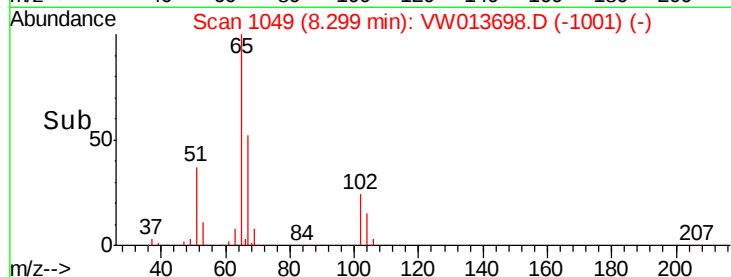
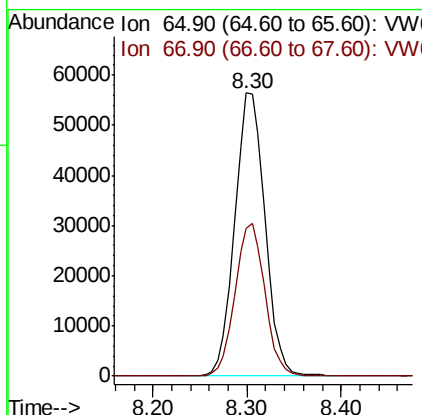
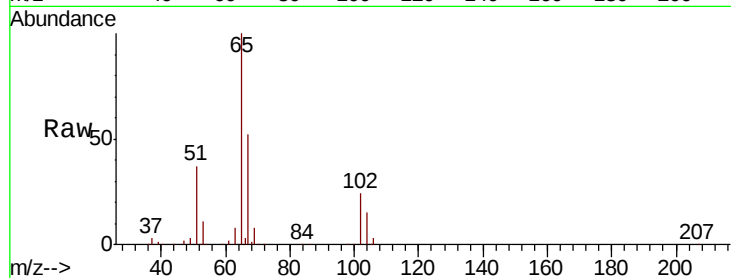




#33
 1,2-Dichloroethane-d4
 Concen: 57.408 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW013698.D
 Acq: 24 Oct 2019 06:08

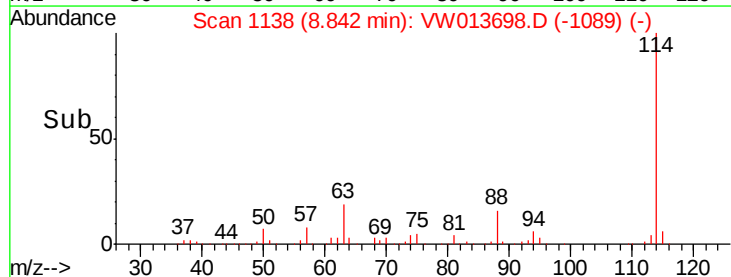
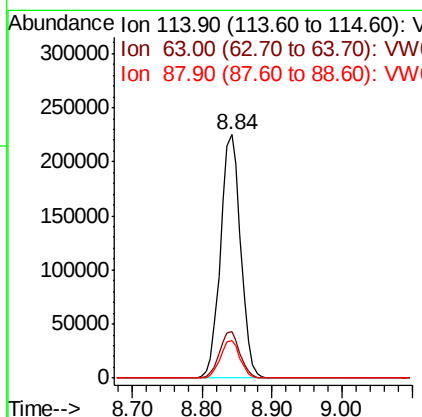
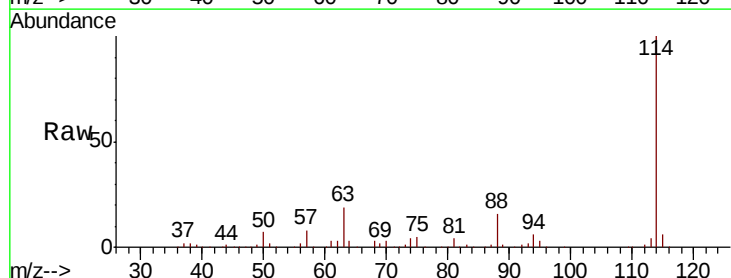
Instrument :
 MSVOA_W
 ClientSampled :

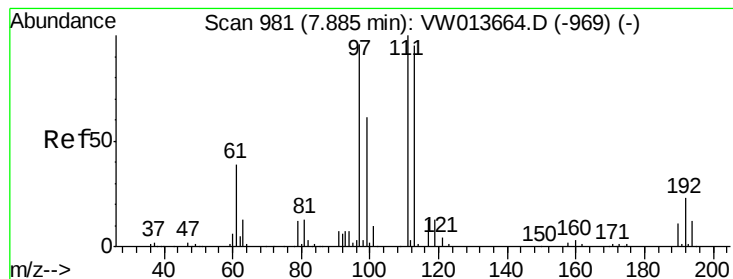
Tot Ion: 65 Resp: 126220
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013698.D
 Acq: 24 Oct 2019 06:08

Tgt Ion: 114 Resp: 450373
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 37.6
 88 15.5 0.0 30.2





#35

Dibromofluoromethane

Concen: 53.281 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW013698.D

Acq: 24 Oct 2019 06:08

Instrument :

MSVOA_W

ClientSampleId :

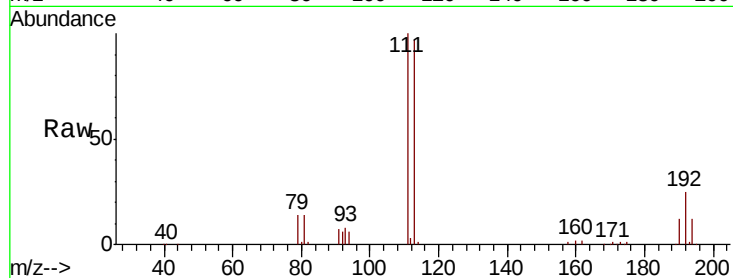
Tot Ion:113 Resp: 133338

Ion Ratio Lower Upper

113 100

111 103.0 83.0 124.6

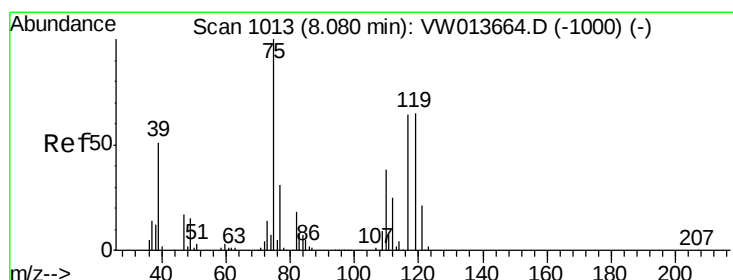
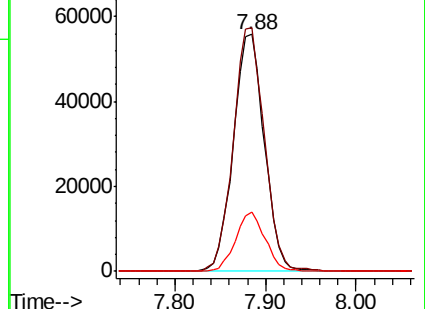
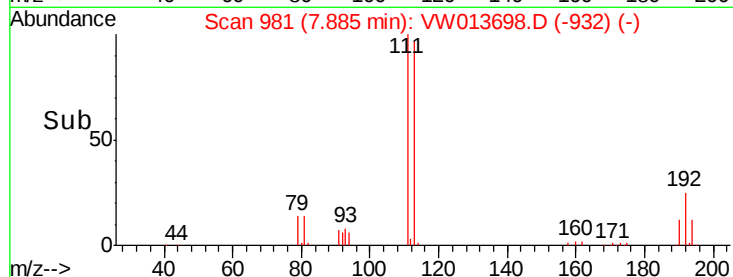
192 23.9 19.4 29.2



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: 4.369 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW013698.D

Acq: 24 Oct 2019 06:08

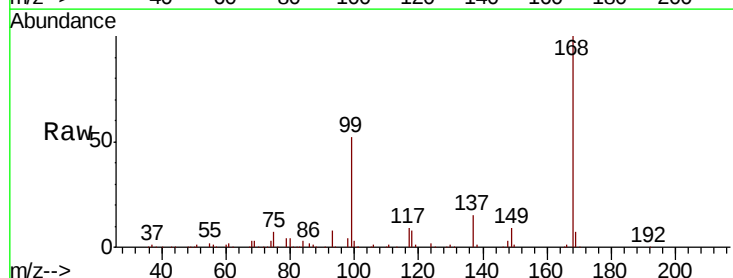
Tgt Ion: 75 Resp: 18327

Ion Ratio Lower Upper

75 100

110 10.3 18.7 56.1#

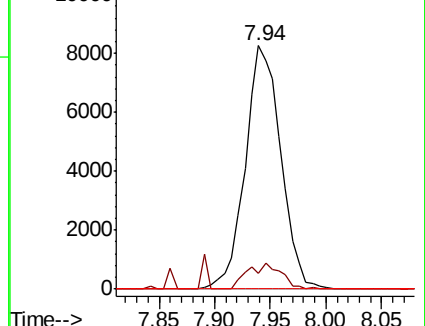
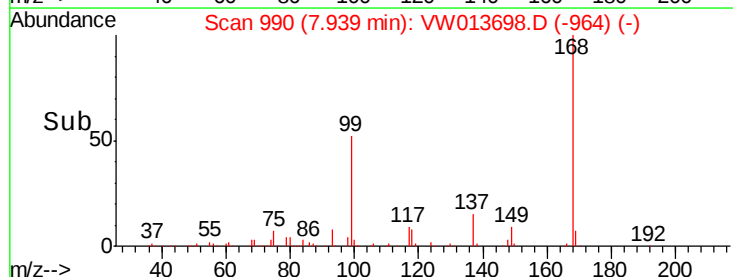
77 0.0 25.4 38.0#

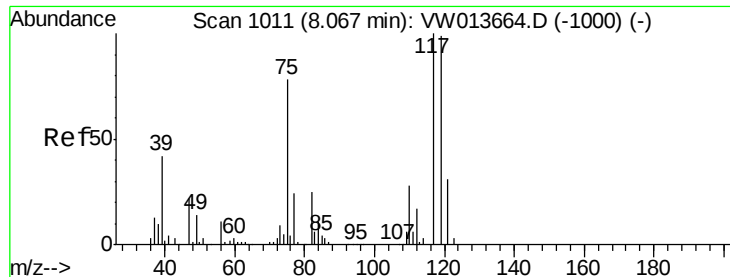


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

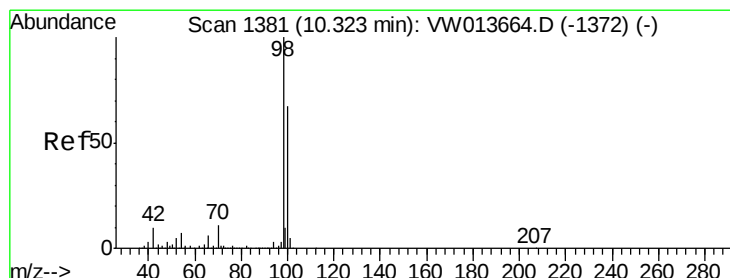
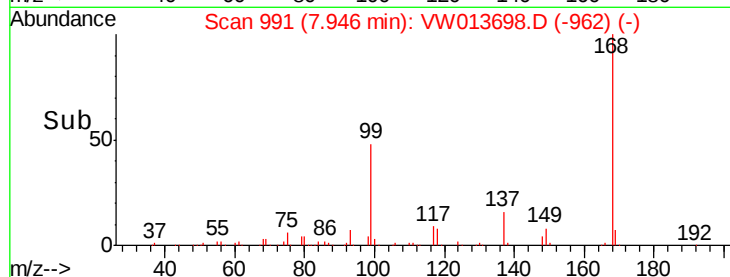
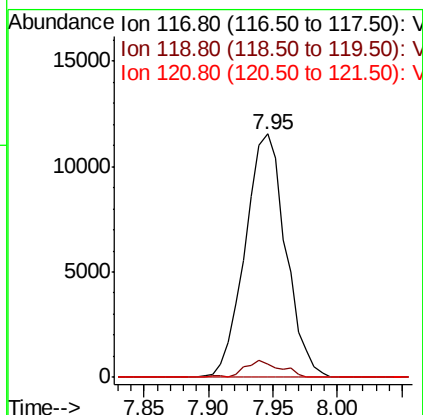
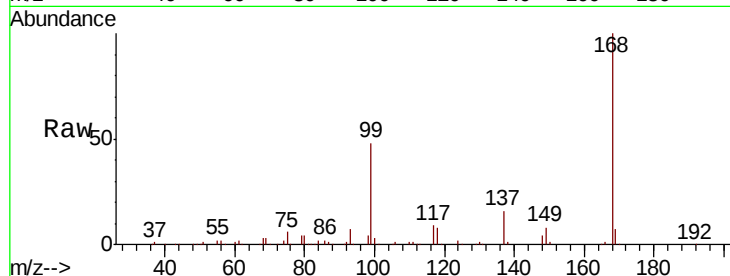




#38
Carbon Tetrachloride
Concen: 6.669 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW013698.D
Acq: 24 Oct 2019 06:08

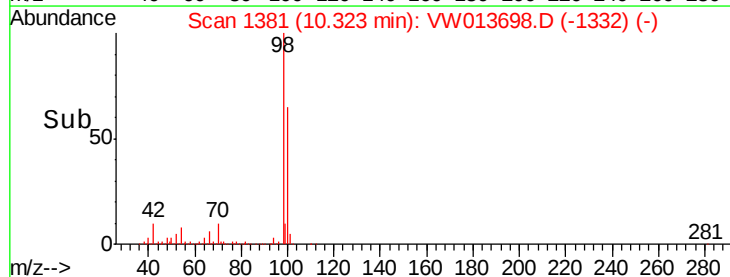
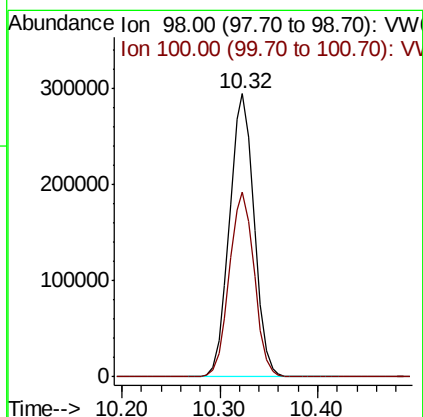
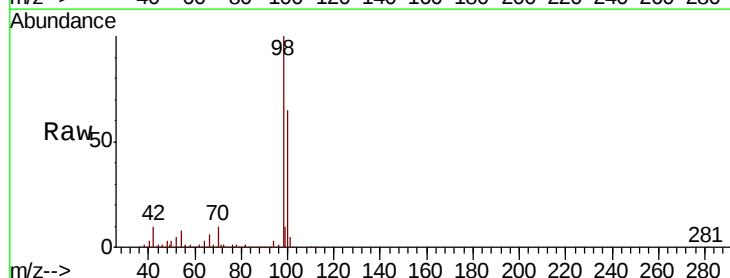
Instrument :
MSVOA_W
ClientSampleId :

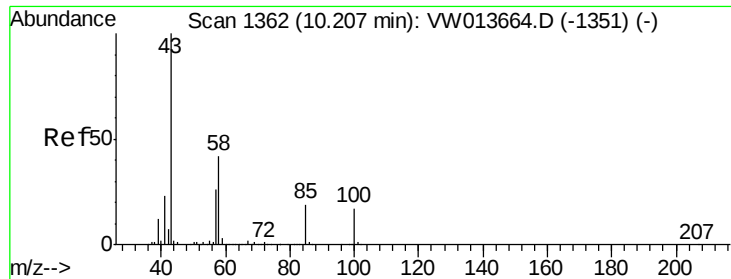
Tot Ion:117 Resp: 25189
Ion Ratio Lower Upper
117 100
119 5.4 79.0 118.4#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 50.528 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013698.D
Acq: 24 Oct 2019 06:08

Tgt Ion: 98 Resp: 515242
Ion Ratio Lower Upper
98 100
100 65.9 53.4 80.0

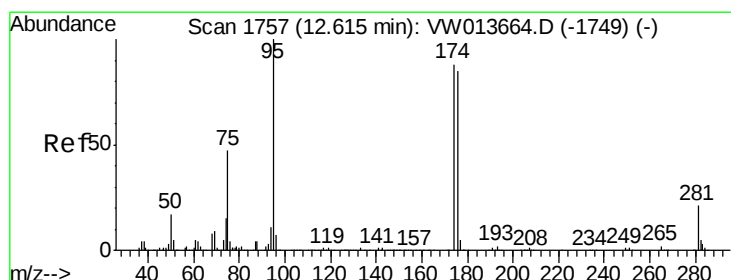
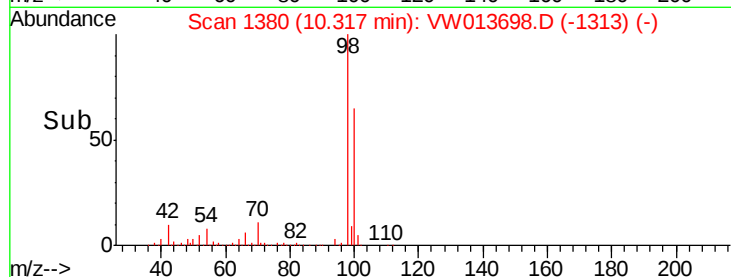
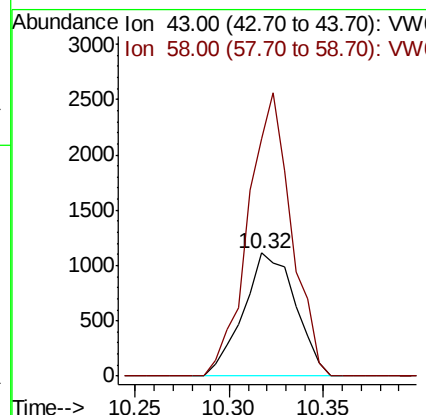
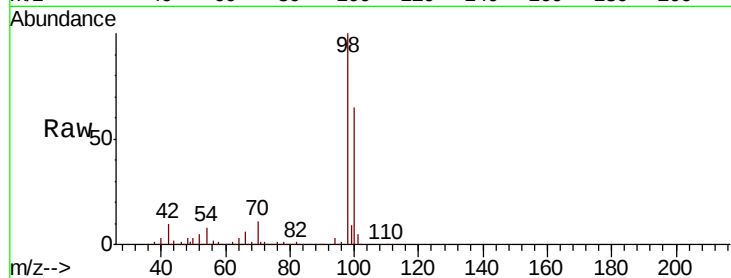




#51
4-Methyl-2-Pentanone
Concen: 1.393 ug/l
RT: 10.32 min Scan# 1380
Delta R.T. 0.11 min
Lab File: VW013698.D
Acq: 24 Oct 2019 06:08

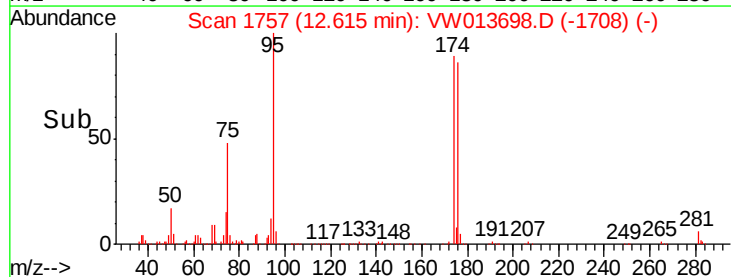
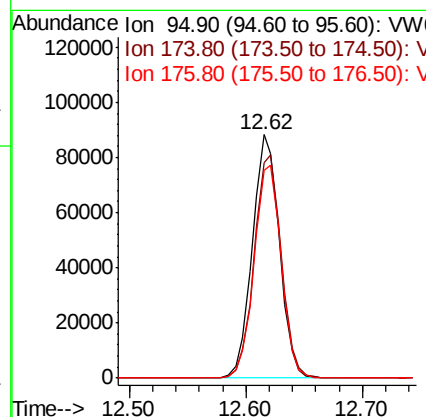
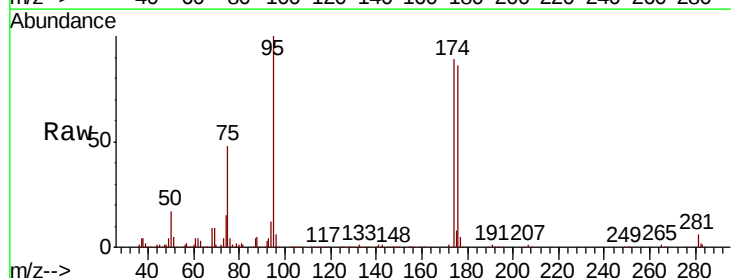
Instrument :
MSVOA_W
ClientSampled :

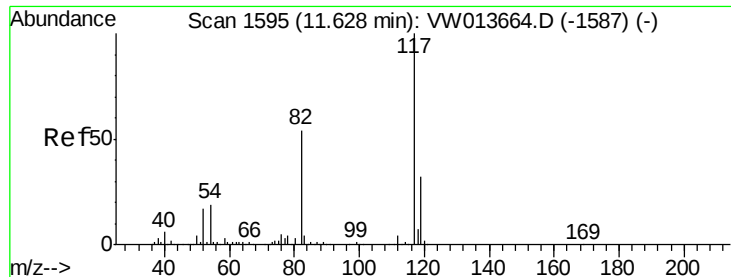
Tot Ion: 43 Resp: 2128
Ion Ratio Lower Upper
43 100
58 192.1 32.6 49.0#



#62
4-Bromofluorobenzene
Concen: 41.504 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013698.D
Acq: 24 Oct 2019 06:08

Tgt Ion: 95 Resp: 143306
Ion Ratio Lower Upper
95 100
174 91.6 0.0 183.6
176 88.1 0.0 178.0

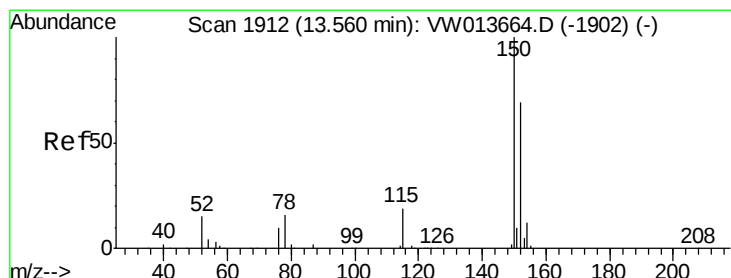
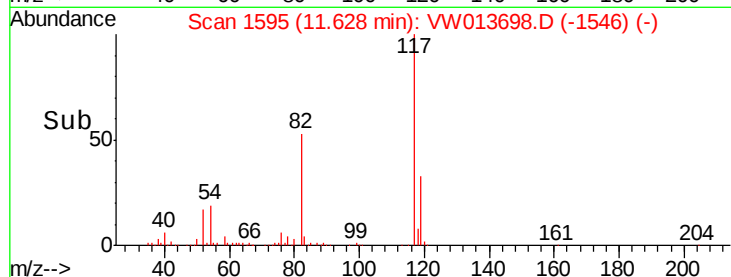
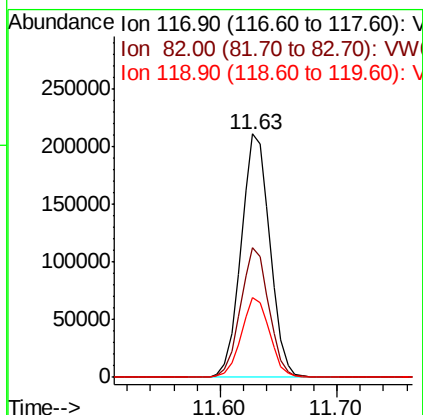
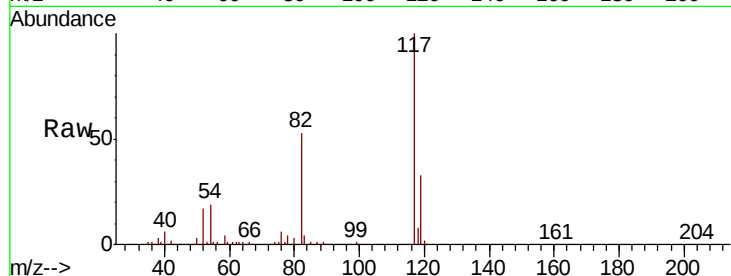




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013698.D
Acq: 24 Oct 2019 06:08

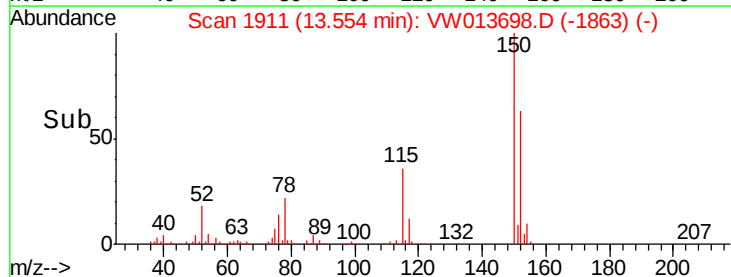
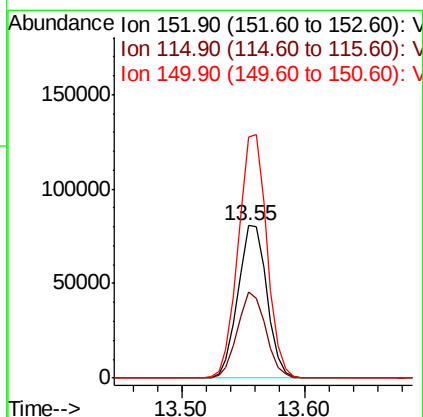
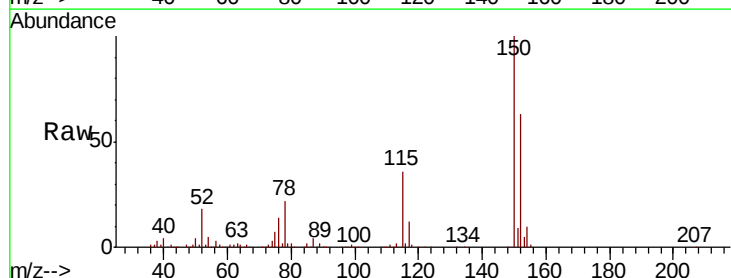
Instrument :
MSVOA_W
ClientSampleId :

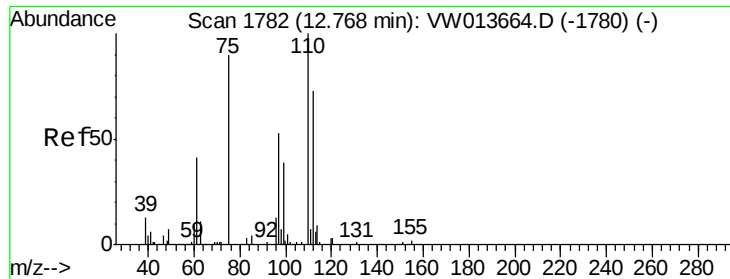
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	43.6	65.4
119	32.8	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013698.D
Acq: 24 Oct 2019 06:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.4	82.2
150	157.0	0.0	345.4





#76

1,2,3-Trichloropropane

Concen: 71.028 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013698.D

Acq: 24 Oct 2019 06:08

Instrument :

MSVOA_W

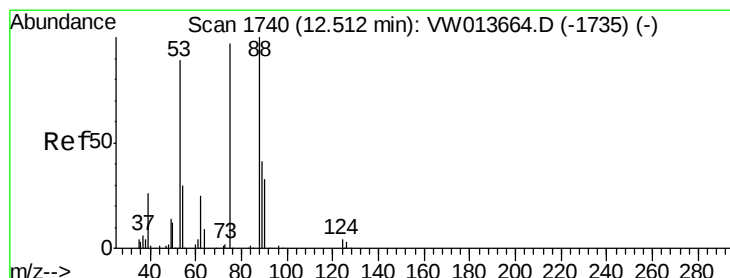
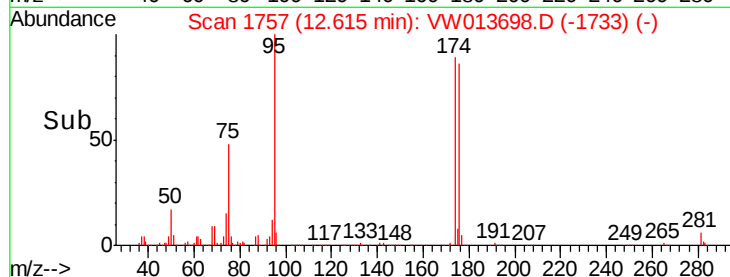
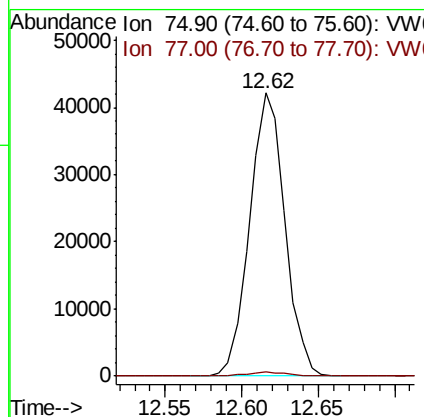
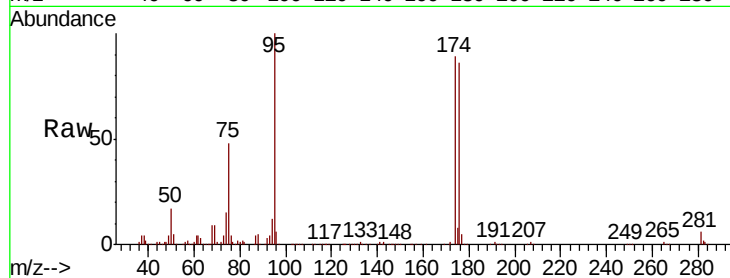
ClientSampleId :

Tot Ion: 75 Resp: 67621

Ion Ratio Lower Upper

75 100

77 1.8 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 134.233 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013698.D

Acq: 24 Oct 2019 06:08

Tgt Ion: 75 Resp: 67621

Ion Ratio Lower Upper

75 100

53 0.0 71.7 107.5#

89 0.1 35.8 53.8#

