

Data File : VW013991.D
Acq On : 12 Nov 2019 22:08
Operator : SY/VA
Sample : K5763-06
Misc : 7.23G/5.0ML/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-34-S2

Quant Time: Nov 13 06:46:31 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	271387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	424159	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	346502	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	143166	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	115952	56.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.92%	
35) Dibromofluoromethane	7.88	113	122755	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
50) Toluene-d8	10.32	98	486172	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
62) 4-Bromofluorobenzene	12.62	95	144926	44.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.14%	

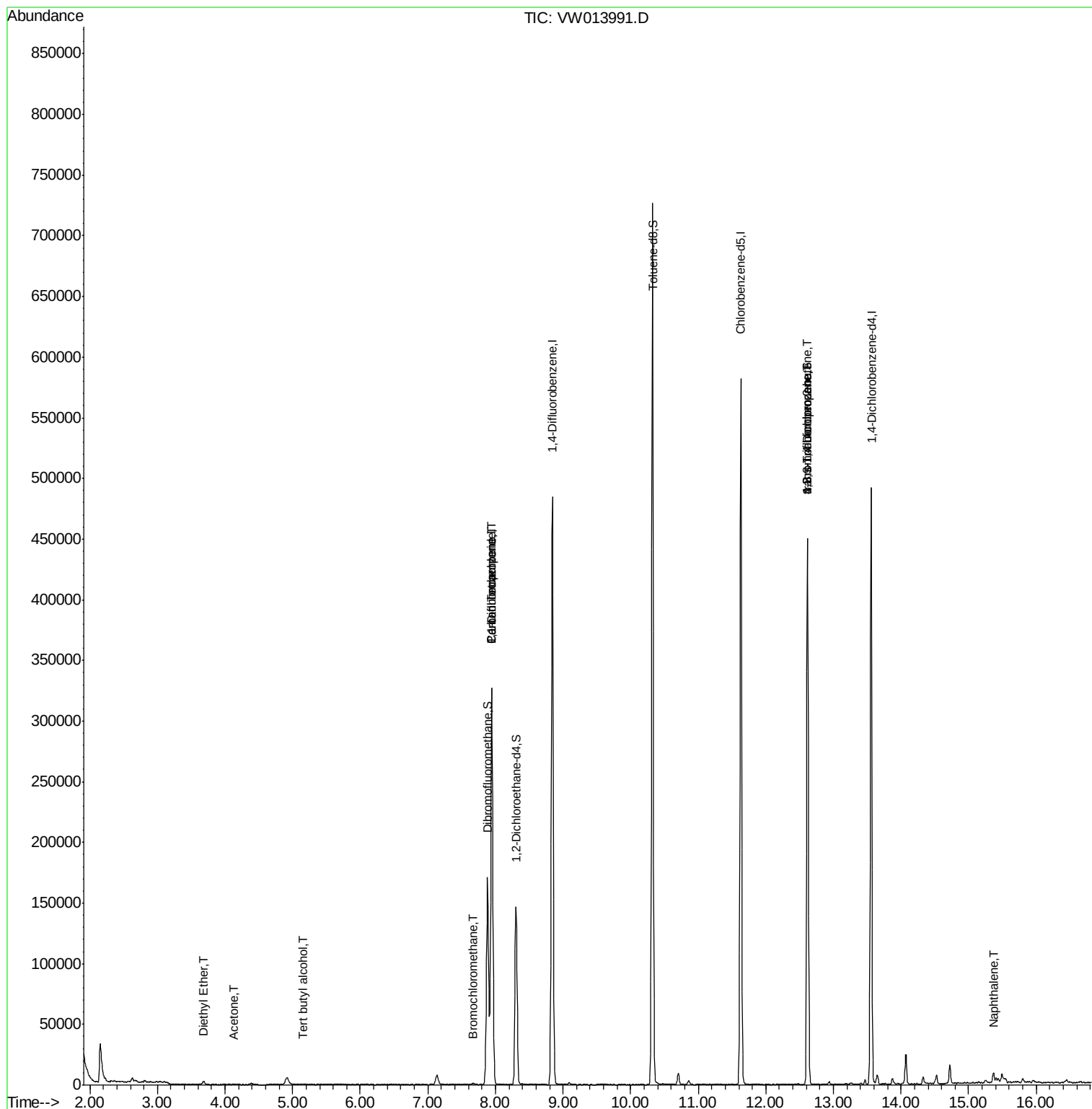
Target Compounds			Qvalue			
8) Diethyl Ether	3.68	74	1427	1.219	ug/l	91
11) Tert butyl alcohol	5.17	59	786	6.467	ug/l #	71
16) Acetone	4.12	43	639	1.480	ug/l #	85
20) Methylene Chloride	4.91	84	5163	Below Cal		85
28) Bromochloromethane	7.67	49	118	1.415	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	17061	4.319	ug/l #	49
38) Carbon Tetrachloride	7.95	117	23384	6.574	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	67209	65.370	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	67209	123.540	ug/l #	14
95) Naphthalene	15.36	128	7791	1.655	ug/l #	94

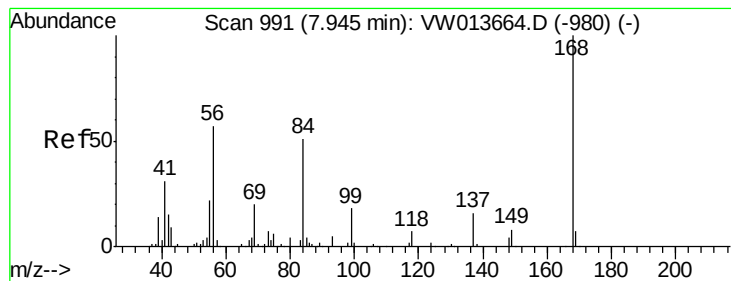
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013991.D

Acq: 12 Nov 2019 22:08

Instrument :

MSVOA_W

ClientSampleId :

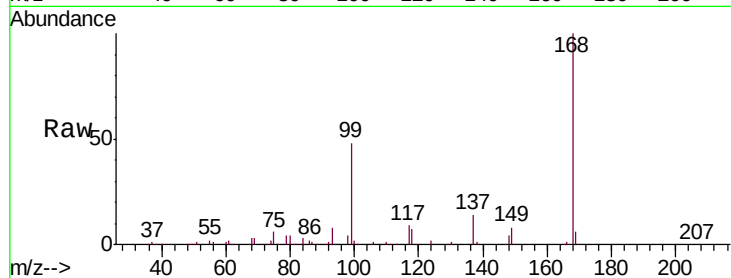
TP-34-S2

Tgt Ion:168 Resp: 271387

Ion Ratio Lower Upper

168 100

99 48.5 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

150000

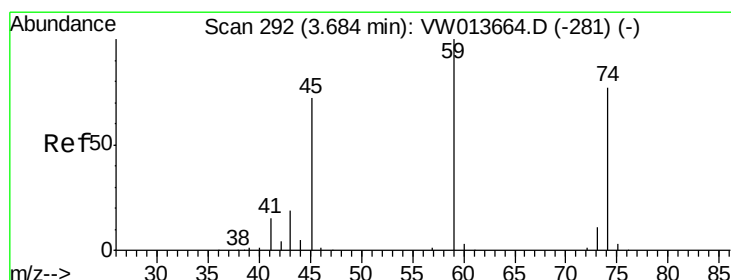
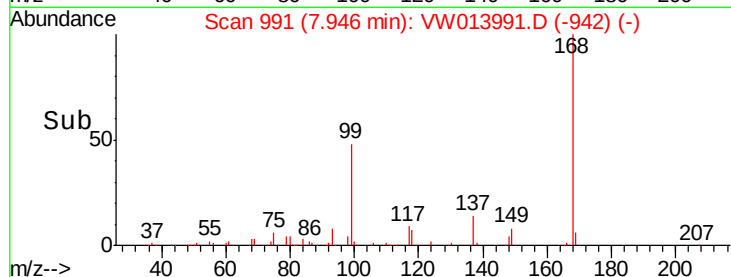
100000

50000

0

7.90 8.00

Time-->



#8

Diethyl Ether

Concen: 1.219 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW013991.D

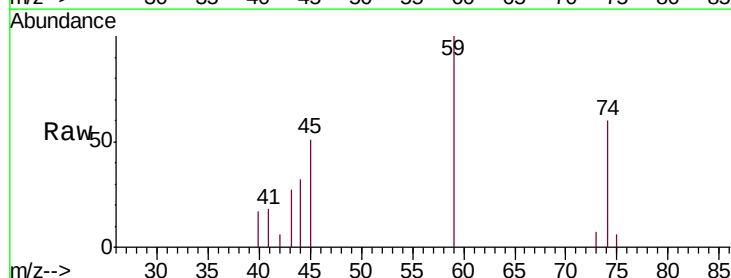
Acq: 12 Nov 2019 22:08

Tgt Ion: 74 Resp: 1427

Ion Ratio Lower Upper

74 100

45 104.2 47.9 143.6



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

800

600

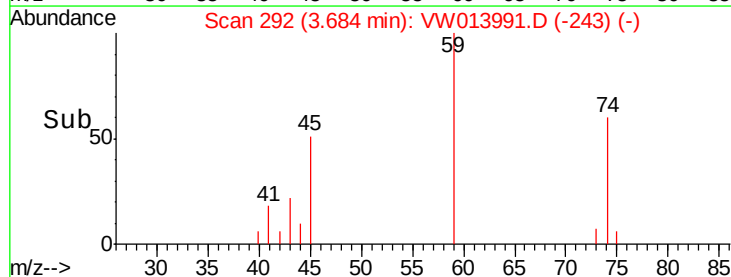
400

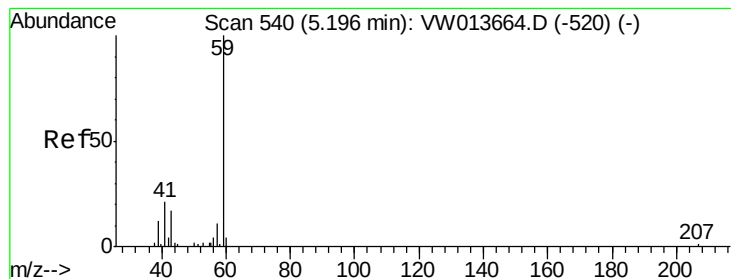
200

0

3.60 3.65 3.70 3.75

Time-->



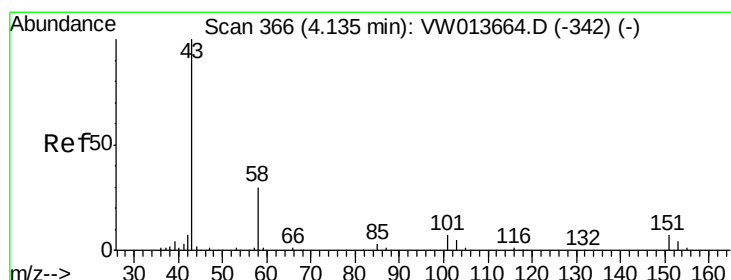
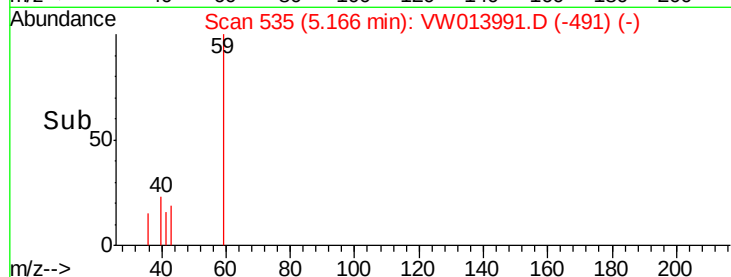
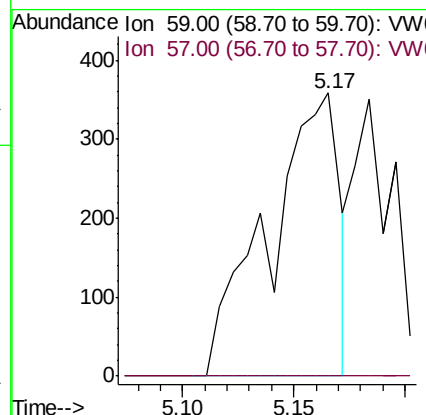
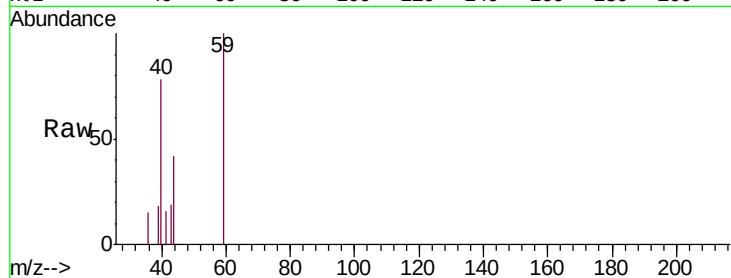


#11

Tert butyl alcohol
Concen: 6.467 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.03 min
Lab File: VW013991.D
Acq: 12 Nov 2019 22:08

Instrument :
MSVOA_W
ClientSampled :
TP-34-S2

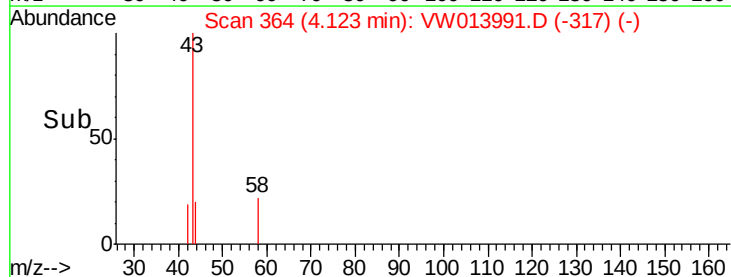
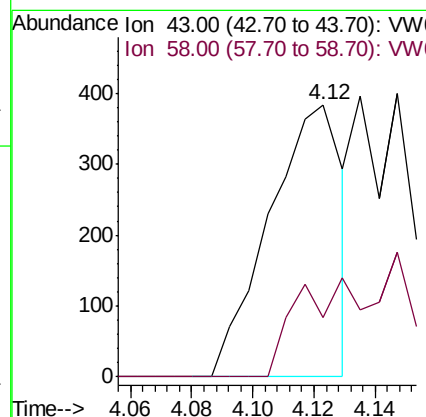
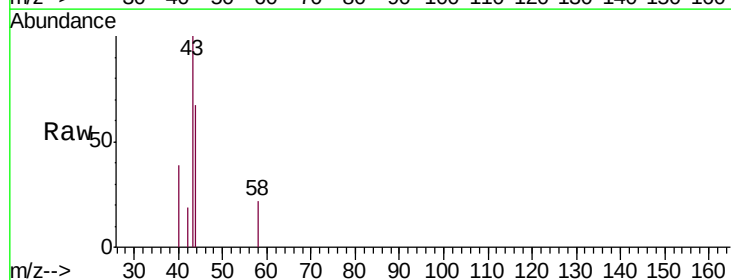
Tgt Ion: 59 Resp: 786
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

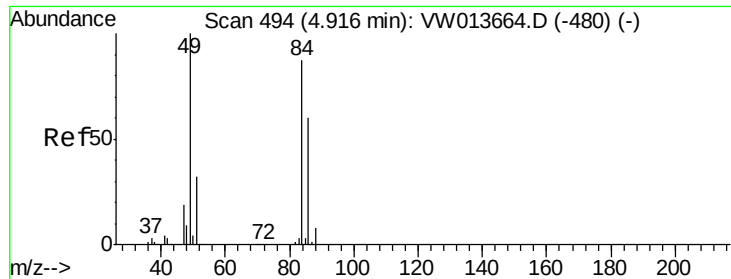


#16

Acetone
Concen: 1.480 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.01 min
Lab File: VW013991.D
Acq: 12 Nov 2019 22:08

Tgt Ion: 43 Resp: 639
Ion Ratio Lower Upper
43 100
58 21.9 24.1 36.1#

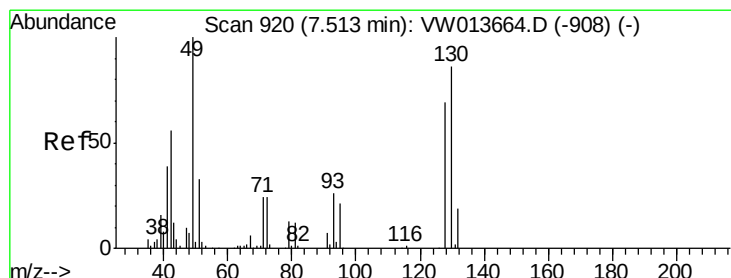
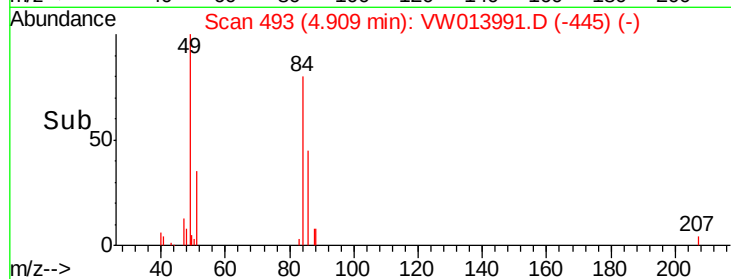
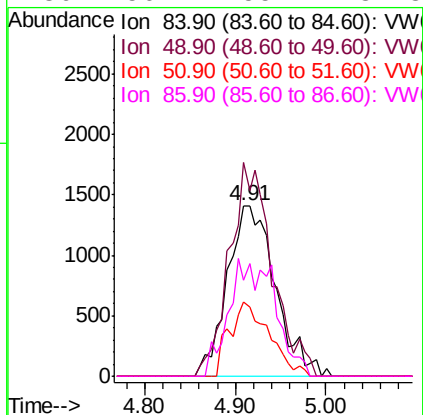
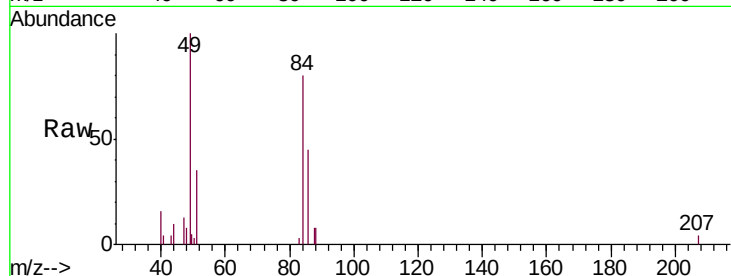




#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW013991.D
Acq: 12 Nov 2019 22:08

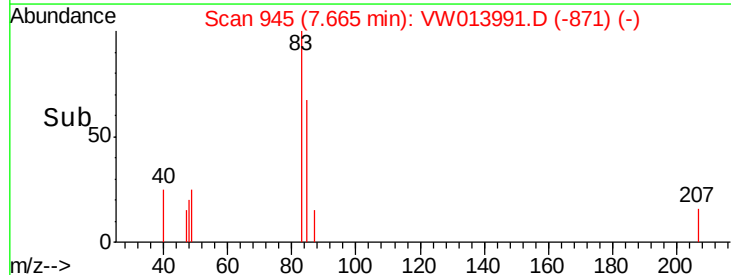
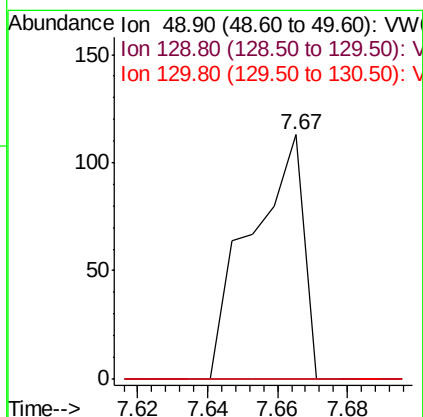
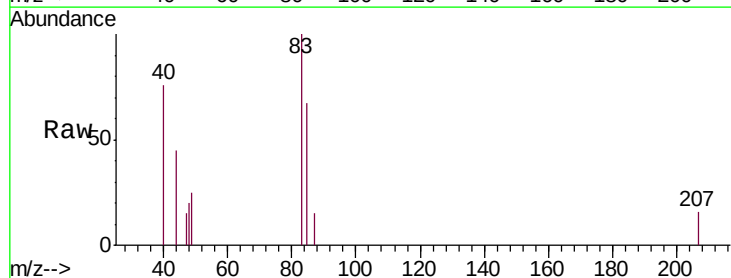
Instrument :
MSVOA_W
ClientSampled :
TP-34-S2

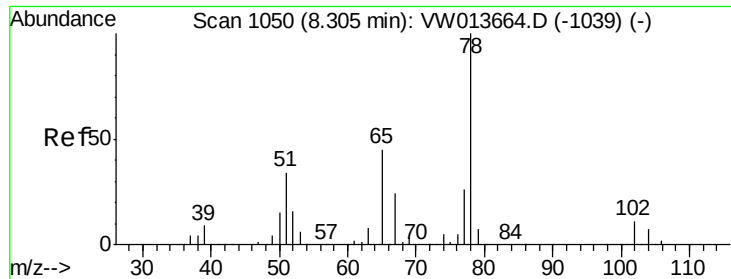
Tgt Ion:	84	Resp:	5163
Ion	Ratio	Lower	Upper
84	100		
49	132.3	91.8	137.6
51	43.6	29.8	44.6
86	56.4	55.2	82.8



#28
Bromochloromethane
Concen: 1.415 ug/l
RT: 7.67 min Scan# 945
Delta R.T. 0.15 min
Lab File: VW013991.D
Acq: 12 Nov 2019 22:08

Tgt Ion:	49	Resp:	118
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	0.6
130	0.0	67.5	101.3#

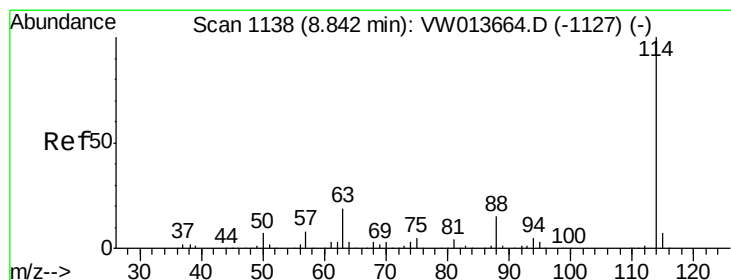
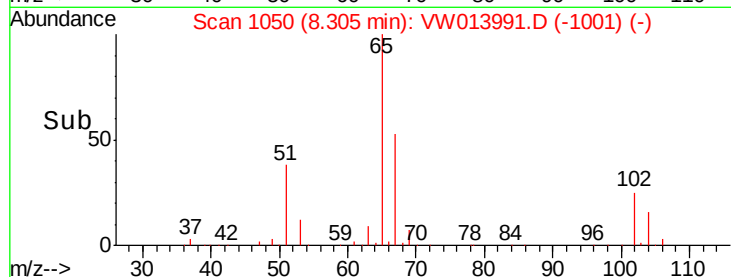
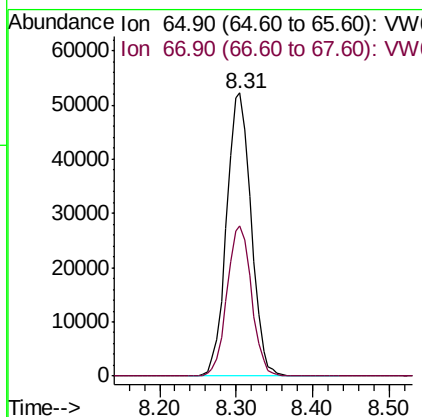
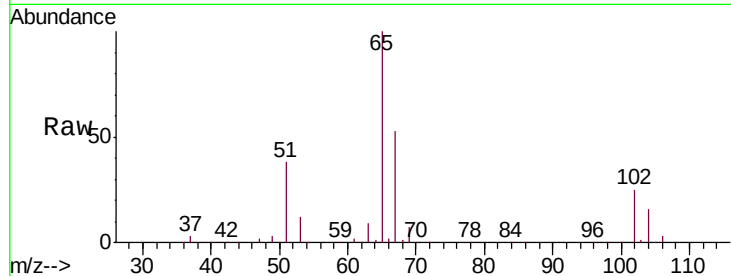




#33
 1,2-Dichloroethane-d4
 Concen: 56.955 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW013991.D
 Acq: 12 Nov 2019 22:08

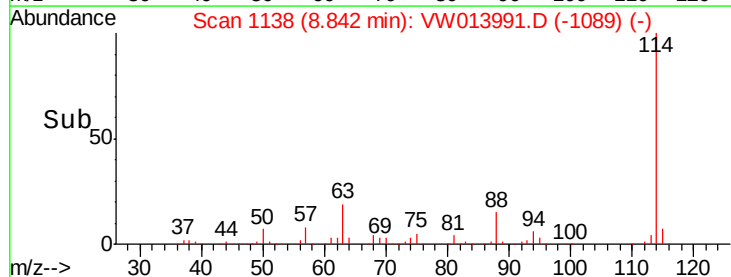
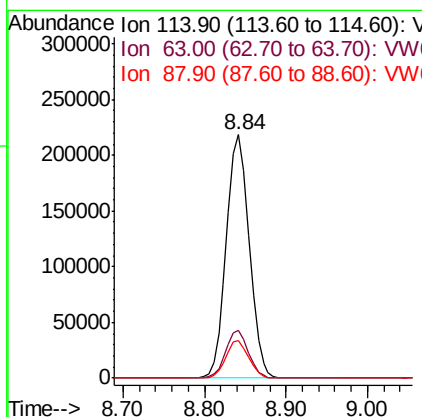
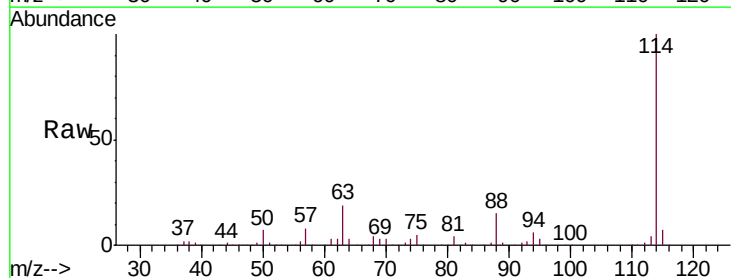
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-34-S2

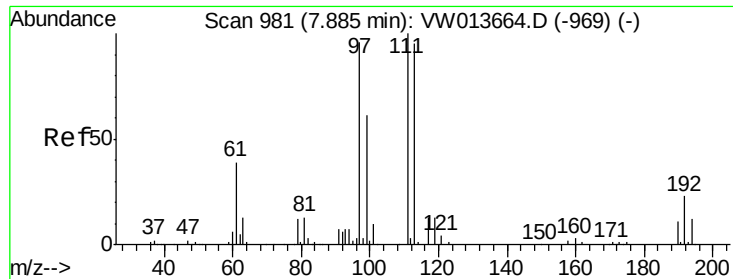
Tgt Ion: 65 Resp: 115952
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013991.D
 Acq: 12 Nov 2019 22:08

Tgt Ion: 114 Resp: 424159
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 37.6
 88 15.4 0.0 30.2

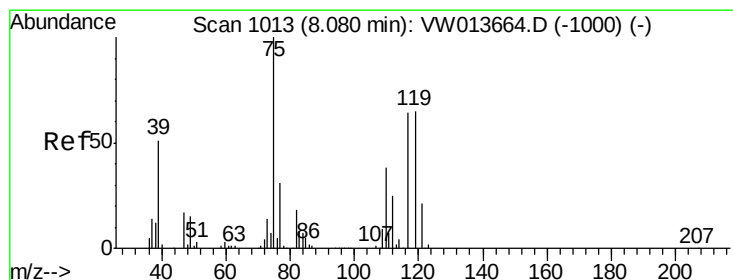
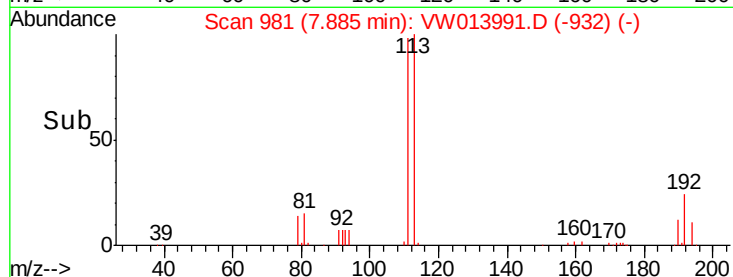
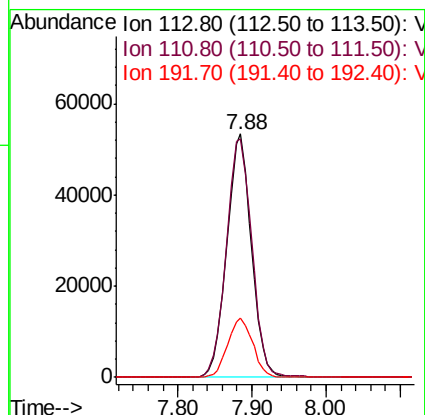
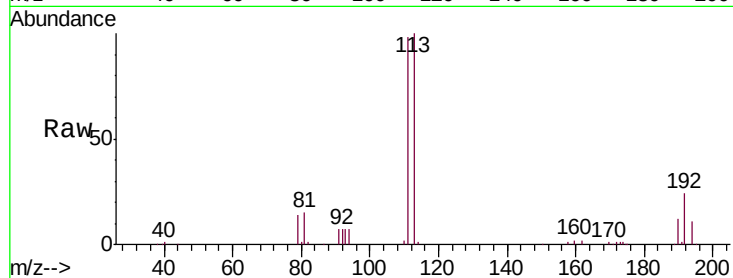




#35
Dibromofluoromethane
Concen: 52.084 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW013991.D
Acq: 12 Nov 2019 22:08

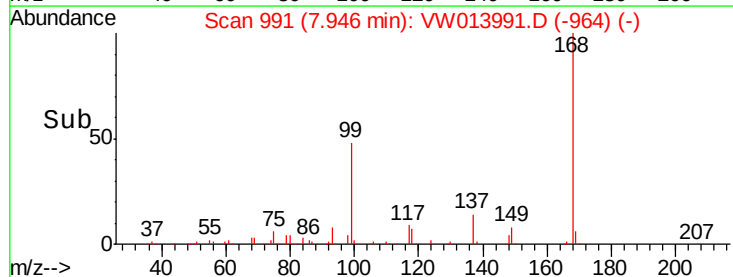
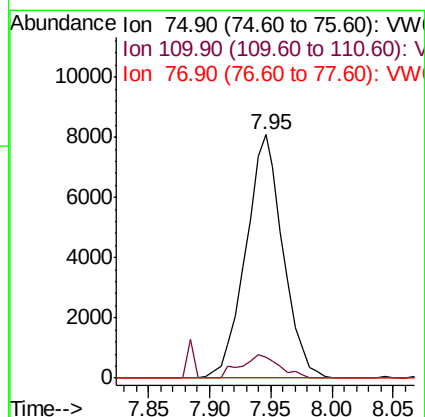
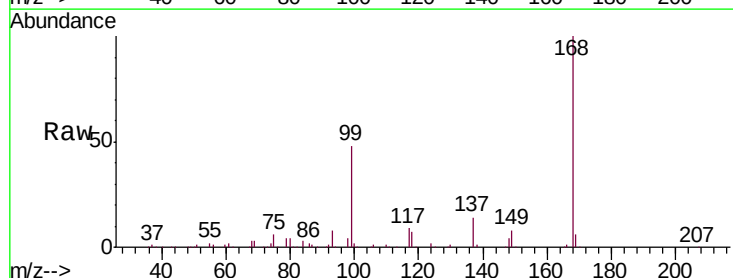
Instrument :
MSVOA_W
ClientSampleId :
TP-34-S2

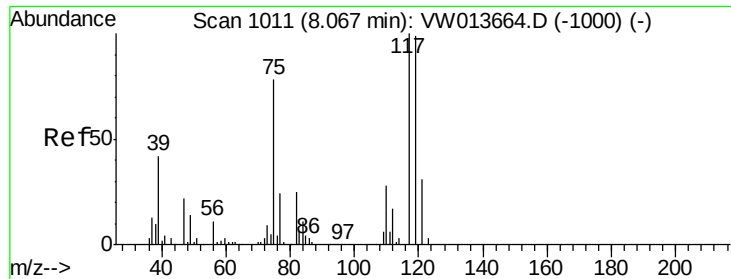
Tgt Ion:113 Resp: 122755
Ion Ratio Lower Upper
113 100
111 102.2 83.0 124.6
192 24.7 19.4 29.2



#36
1,1-Dichloropropene
Concen: 4.319 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW013991.D
Acq: 12 Nov 2019 22:08

Tgt Ion: 75 Resp: 17061
Ion Ratio Lower Upper
75 100
110 10.0 18.7 56.1#
77 0.0 25.4 38.0#

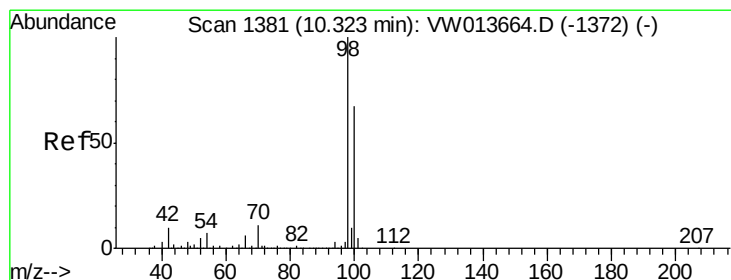
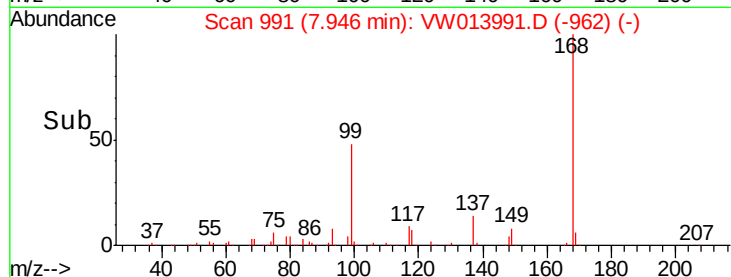
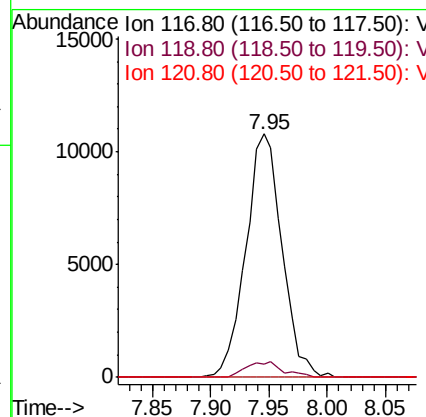
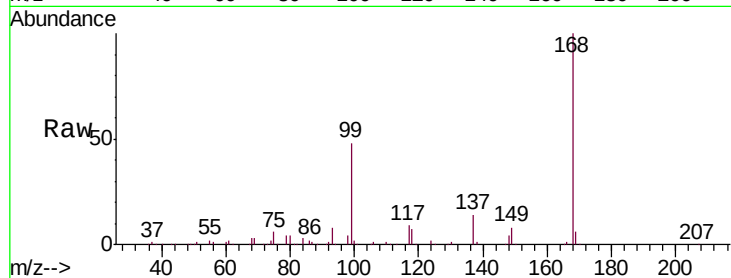




#38
Carbon Tetrachloride
Concen: 6.574 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW013991.D
Acq: 12 Nov 2019 22:08

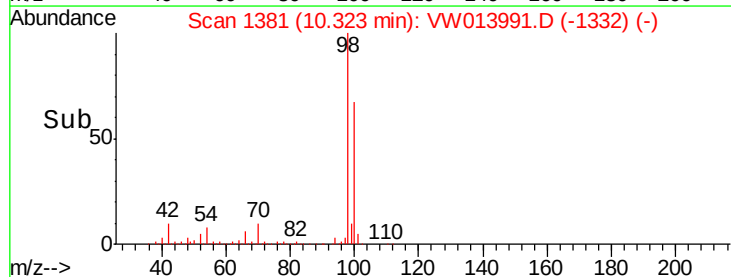
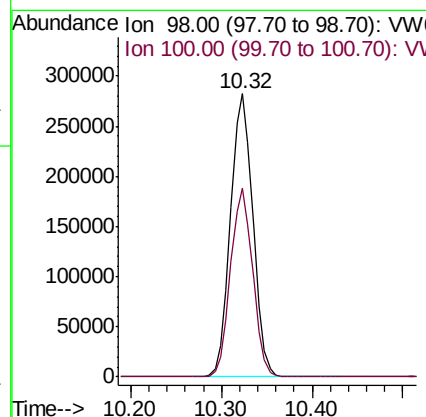
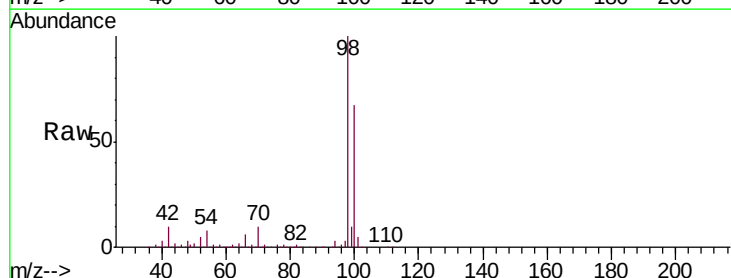
Instrument :
MSVOA_W
ClientSampleId :
TP-34-S2

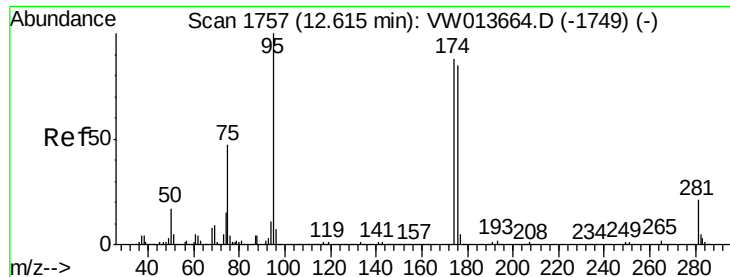
Tgt Ion:117 Resp: 23384
Ion Ratio Lower Upper
117 100
119 5.6 79.0 118.4#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 50.624 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013991.D
Acq: 12 Nov 2019 22:08

Tgt Ion: 98 Resp: 486172
Ion Ratio Lower Upper
98 100
100 65.7 53.4 80.0





#62

4-Bromofluorobenzene

Concen: 44.568 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013991.D

Acq: 12 Nov 2019 22:08

Instrument :

MSVOA_W

ClientSampleId :

TP-34-S2

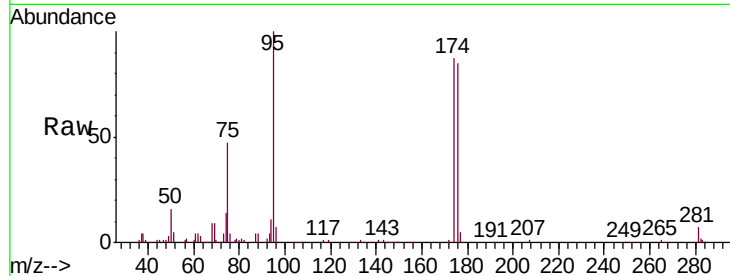
Tgt Ion: 95 Resp: 144926

Ion Ratio Lower Upper

95 100

174 92.0 0.0 183.6

176 88.3 0.0 178.0



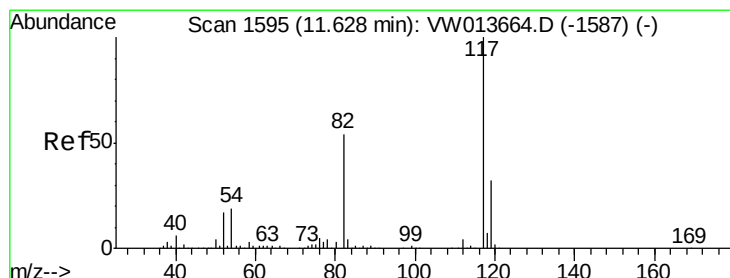
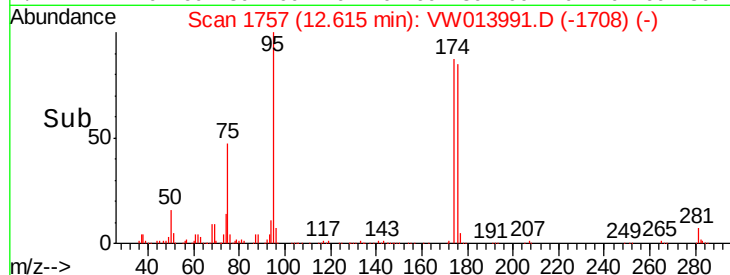
Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

12.62

Time--> 12.50 12.60 12.70



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. 0.00 min

Lab File: VW013991.D

Acq: 12 Nov 2019 22:08

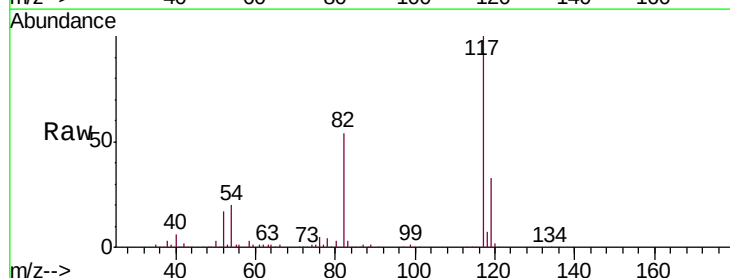
Tgt Ion: 117 Resp: 346502

Ion Ratio Lower Upper

117 100

82 53.8 43.6 65.4

119 32.9 25.4 38.2



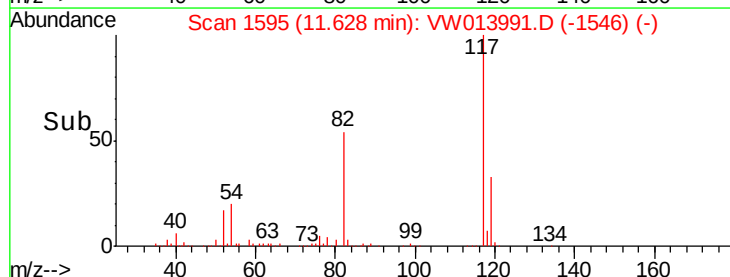
Abundance Ion 116.90 (116.60 to 117.60): VW

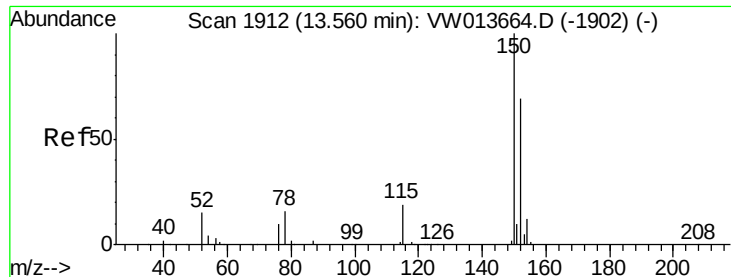
Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

11.63

Time--> 11.50 11.60 11.70



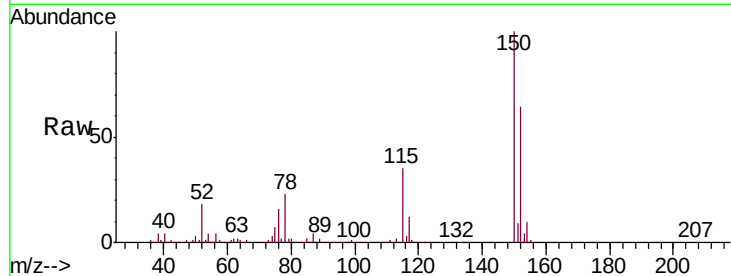


#72

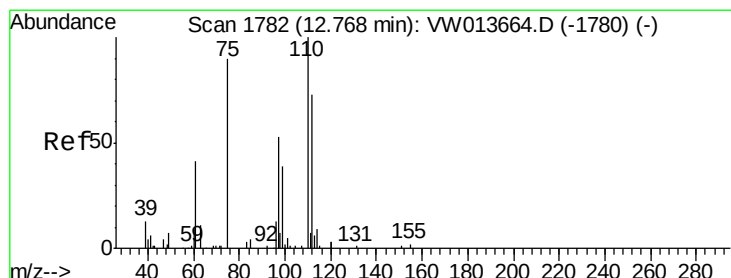
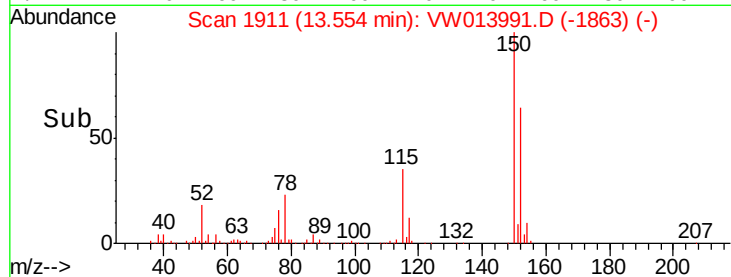
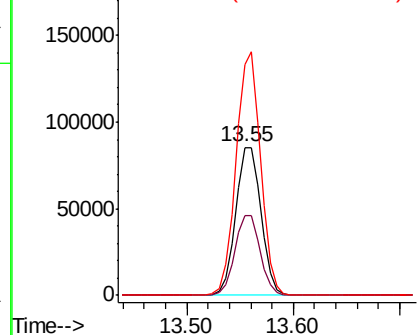
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013991.D
Acq: 12 Nov 2019 22:08

Instrument :
MSVOA_W
ClientSampleId :
TP-34-S2

Tgt Ion:152 Resp: 143166
Ion Ratio Lower Upper
152 100
115 53.7 27.4 82.2
150 158.4 0.0 345.4



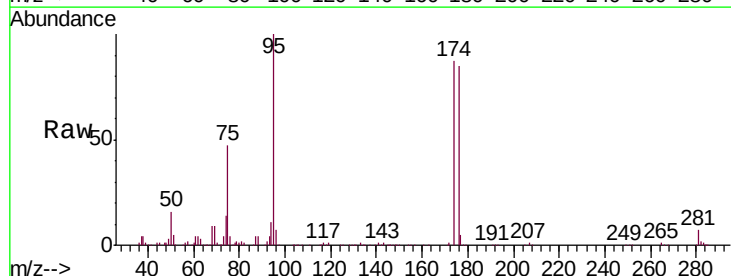
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



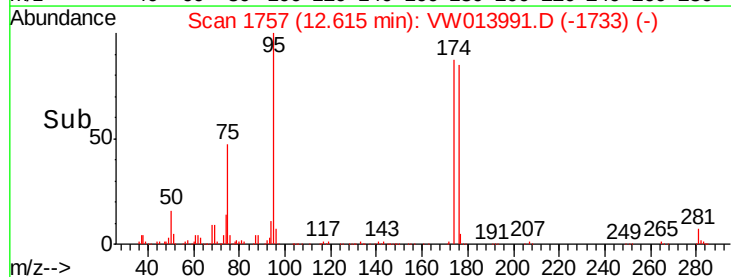
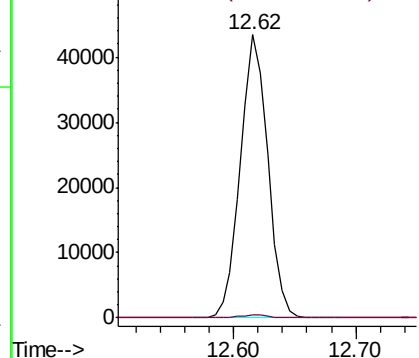
#76

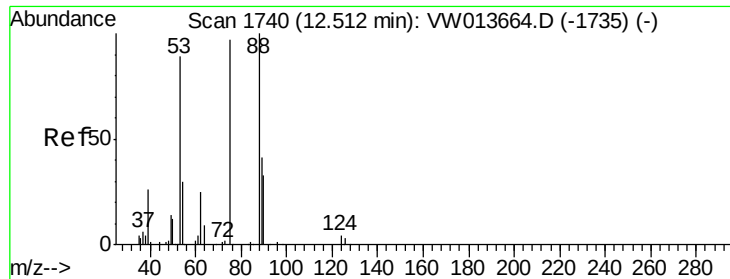
1,2,3-Trichloropropane
Concen: 65.370 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW013991.D
Acq: 12 Nov 2019 22:08

Tgt Ion: 75 Resp: 67209
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW

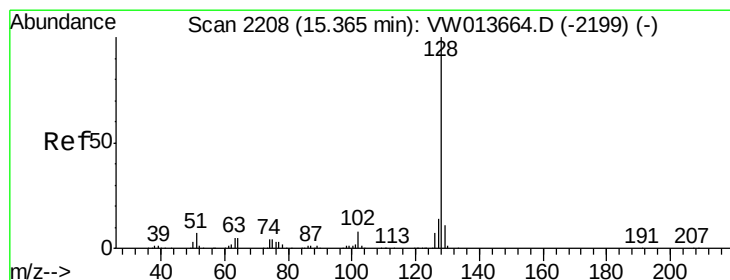
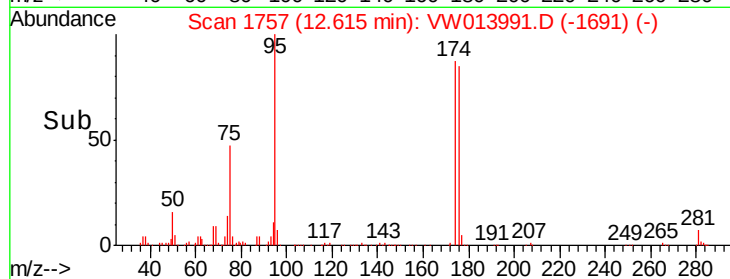
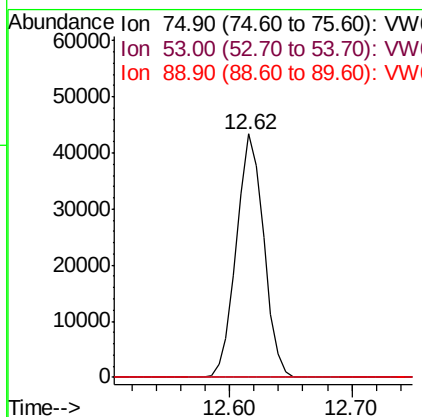
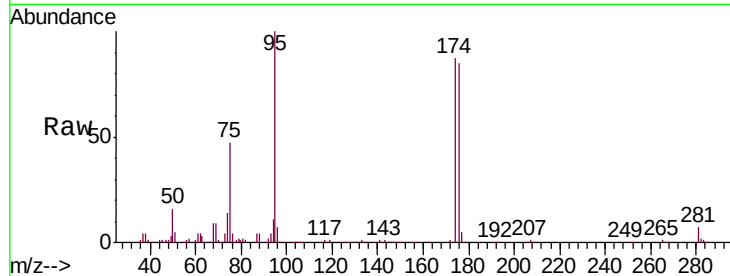




#81
 trans-1,4-Dichloro-2-butene
 Concen: 123.540 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW013991.D
 Acq: 12 Nov 2019 22:08

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-34-S2

Tgt Ion: 75 Resp: 67209
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.7 107.5#
 89 0.0 35.8 53.8#



#95
 Naphthalene
 Concen: 1.655 ug/l
 RT: 15.36 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: VW013991.D
 Acq: 12 Nov 2019 22:08

Tgt Ion: 128 Resp: 7791
 Ion Ratio Lower Upper
 128 100
 127 17.2 10.6 15.8#
 129 11.0 8.7 13.1

