

Data File : VW013974.D
Acq On : 12 Nov 2019 14:44
Operator : SY/VA
Sample : VW1112SBL01
Misc : 5.00G/5.0ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBL01

Quant Time: Nov 13 06:41:56 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	287376	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	435596	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	363410	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	160773	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	114975	53.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.66%	
35) Dibromofluoromethane	7.88	113	123454	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
50) Toluene-d8	10.32	98	500648	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
62) 4-Bromofluorobenzene	12.62	95	156512	46.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.74%	

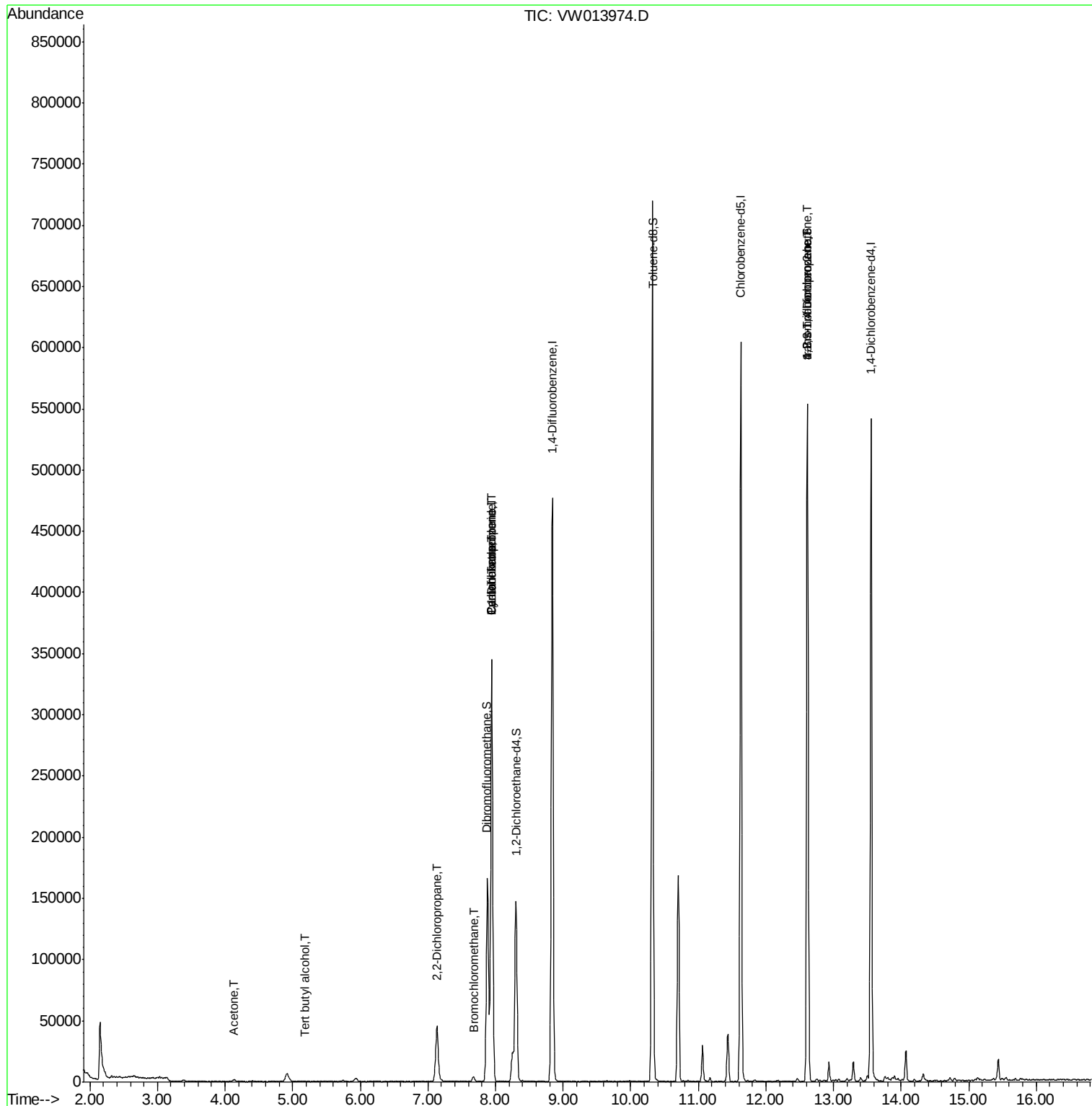
Target Compounds			Qvalue			
11) Tert butyl alcohol	5.18	59	261	2.028	ug/l #	71
16) Acetone	4.12	43	3364	7.360	ug/l	98
20) Methylene Chloride	4.93	84	5752	Below Cal	#	85
26) 2,2-Dichloropropane	7.13	77	3121	1.179	ug/l #	49
28) Bromochloromethane	7.67	49	310	1.525	ug/l #	7
31) Cyclohexane	7.94	56	4804	1.003	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	17904	4.413	ug/l #	48
38) Carbon Tetrachloride	7.95	117	24708	6.764	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	73867	63.978	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	73867	120.909	ug/l #	14

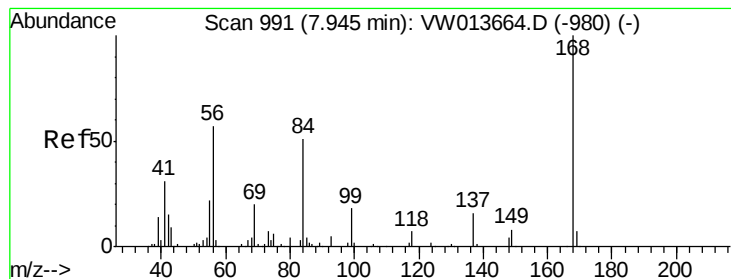
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW013974.D
Acq On : 12 Nov 2019 14:44
Operator : SY/VA
Sample : VW1112SBL01
Misc : 5.00G/5.0ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBL01

Quant Time: Nov 13 06:41:56 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013974.D

Acq: 12 Nov 2019 14:44

Instrument :

MSVOA_W

ClientSampleId :

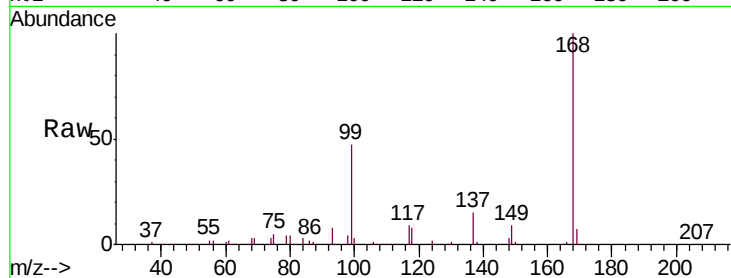
VW1112SBL01

Tgt Ion: 168 Resp: 287376

Ion Ratio Lower Upper

168 100

99 47.3 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

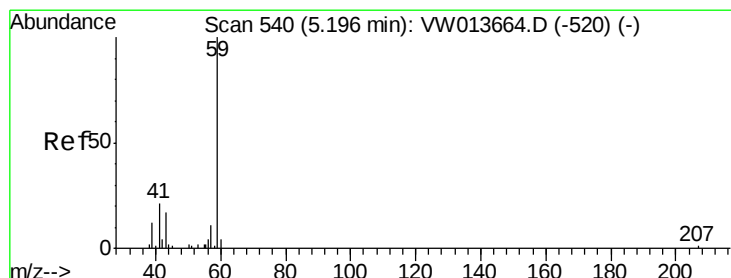
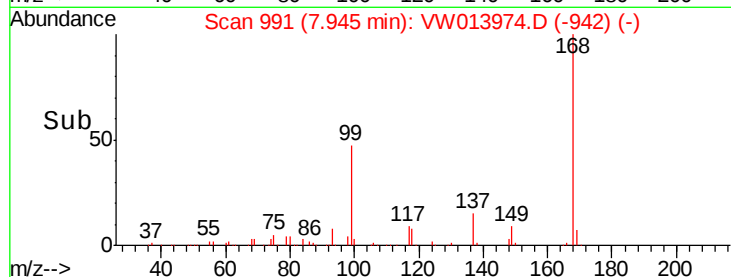
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#11

Tert butyl alcohol

Concen: 2.028 ug/l

RT: 5.18 min Scan# 537

Delta R.T. -0.02 min

Lab File: VW013974.D

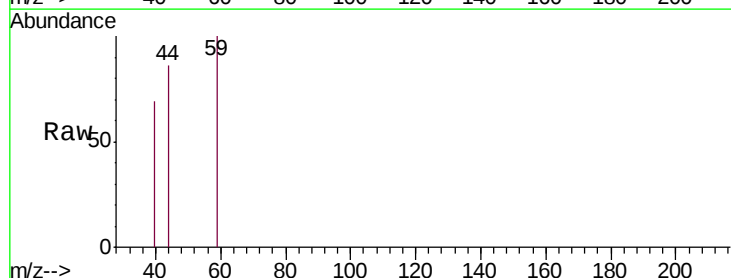
Acq: 12 Nov 2019 14:44

Tgt Ion: 59 Resp: 261

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

5.18

400

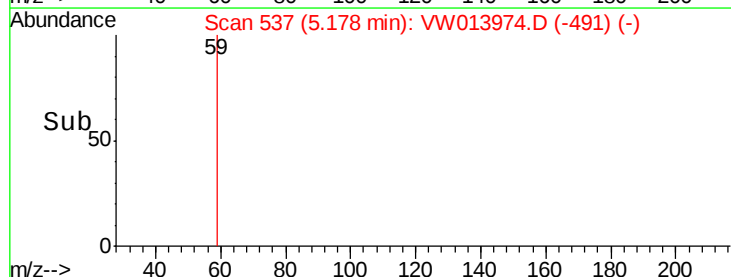
300

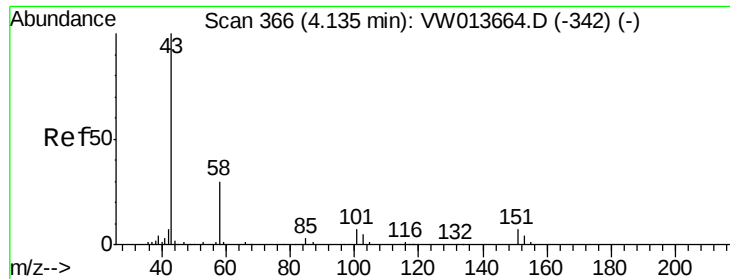
200

100

0

Time--> 5.16 5.18 5.20 5.22

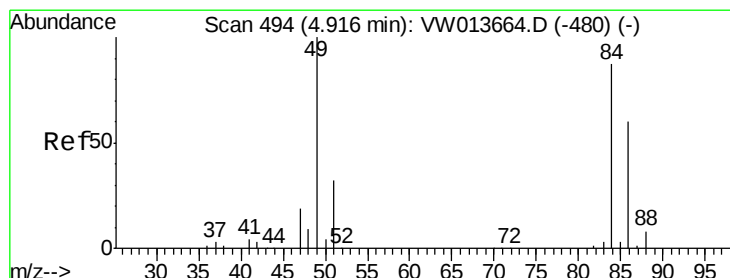
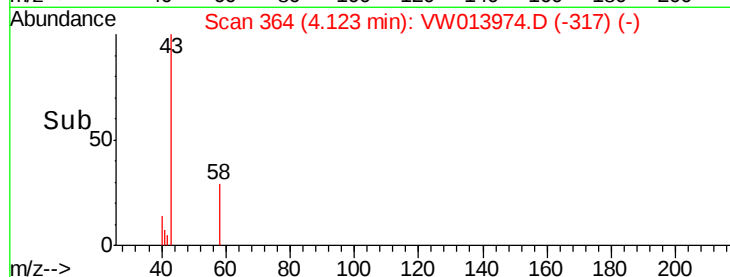
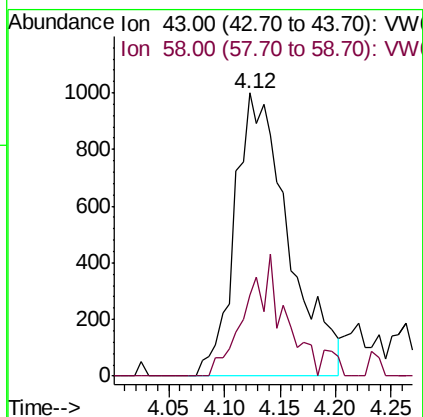
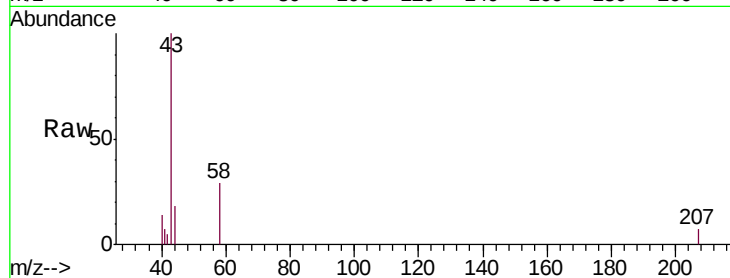




#16
Acetone
Concen: 7.360 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.01 min
Lab File: VW013974.D
Acq: 12 Nov 2019 14:44

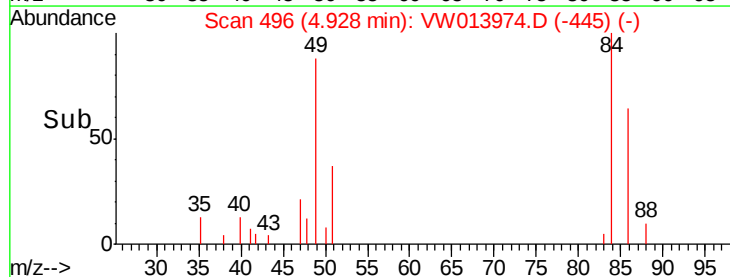
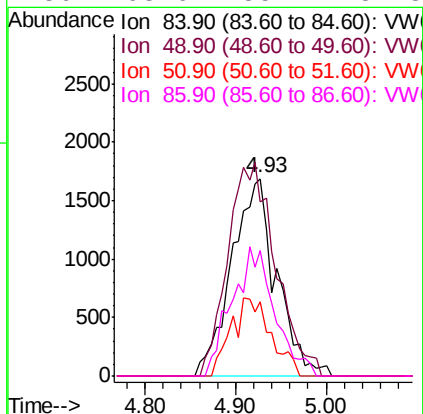
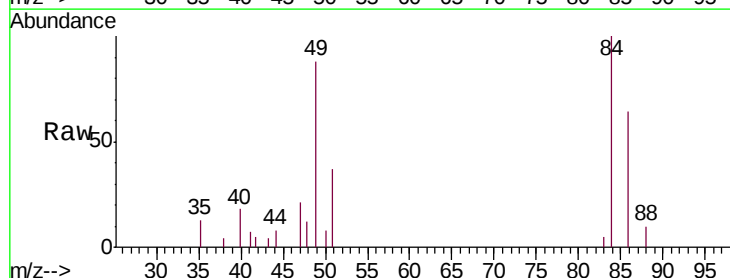
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBL01

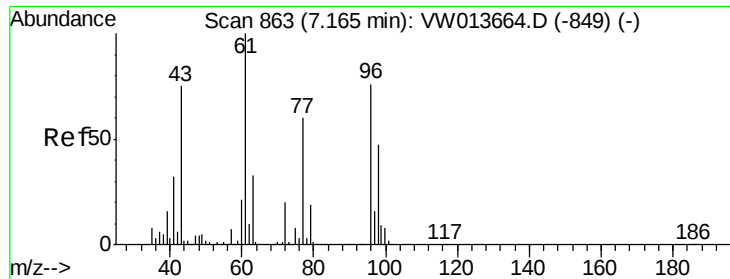
Tgt Ion: 43 Resp: 3364
Ion Ratio Lower Upper
43 100
58 28.8 24.1 36.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW013974.D
Acq: 12 Nov 2019 14:44

Tgt Ion: 84 Resp: 5752
Ion Ratio Lower Upper
84 100
49 88.3 91.8 137.6#
51 37.5 29.8 44.6
86 63.6 55.2 82.8

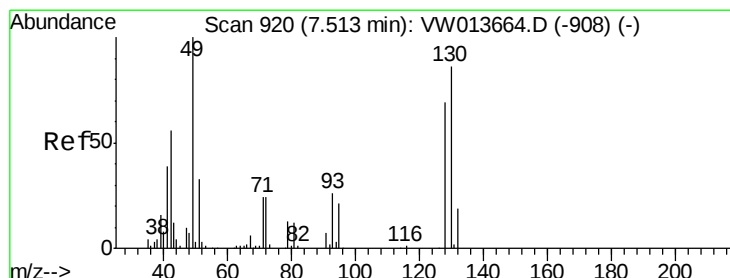
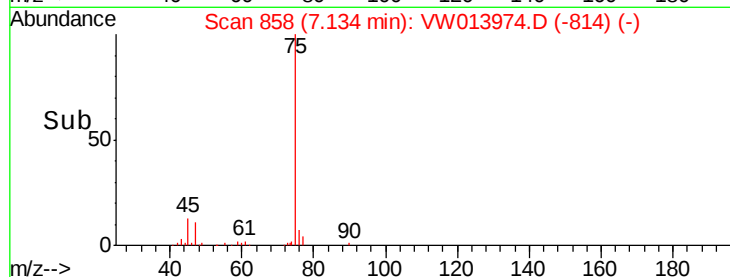
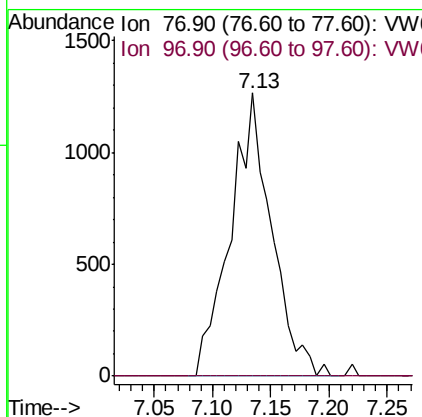
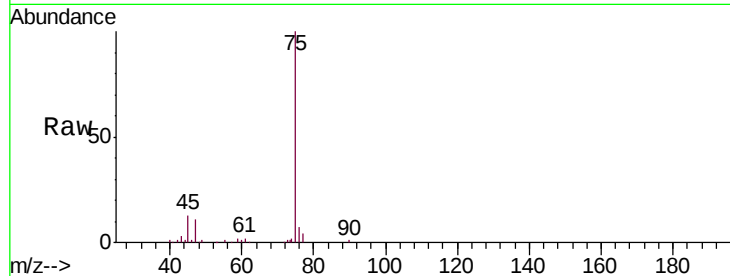




#26
 2,2-Dichloropropane
 Concen: 1.179 ug/l
 RT: 7.13 min Scan# 858
 Delta R.T. -0.03 min
 Lab File: VW013974.D
 Acq: 12 Nov 2019 14:44

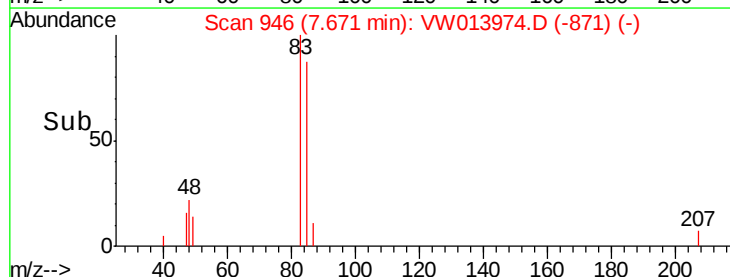
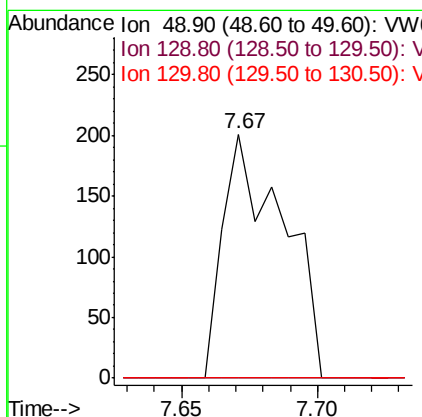
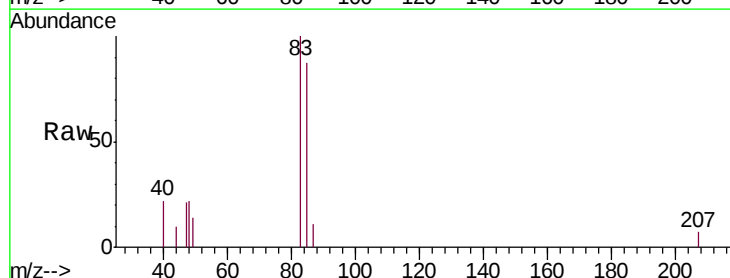
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBL01

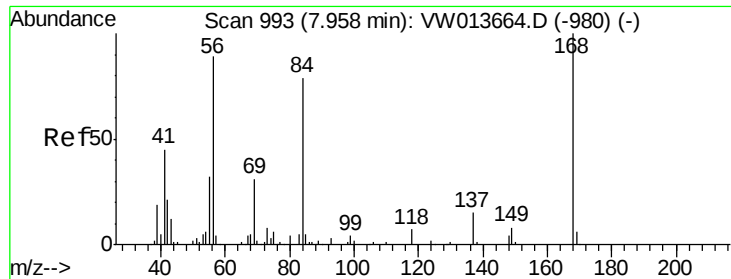
Tgt Ion: 77 Resp: 3121
 Ion Ratio Lower Upper
 77 100
 97 0.0 12.8 38.4#



#28
 Bromochloromethane
 Concen: 1.525 ug/l
 RT: 7.67 min Scan# 946
 Delta R.T. 0.16 min
 Lab File: VW013974.D
 Acq: 12 Nov 2019 14:44

Tgt Ion: 49 Resp: 310
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 0.6
 130 0.0 67.5 101.3#

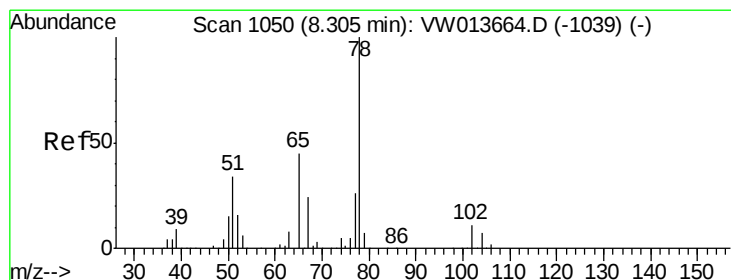
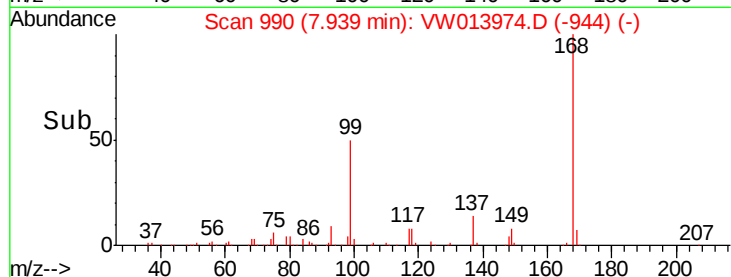
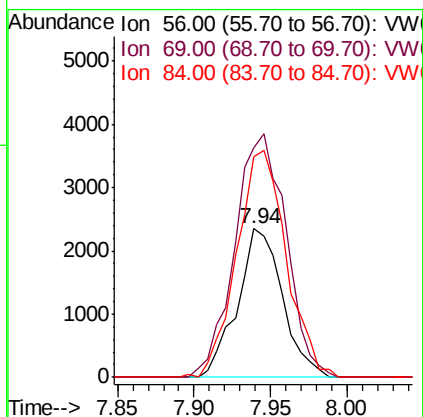
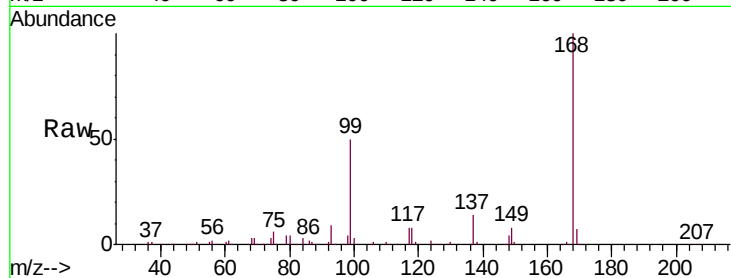




#31
Cyclohexane
Concen: 1.003 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.02 min
Lab File: VW013974.D
Acq: 12 Nov 2019 14:44

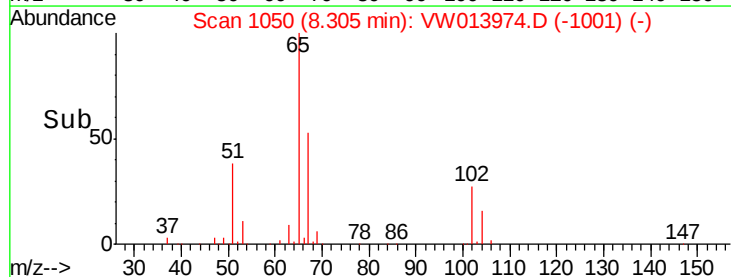
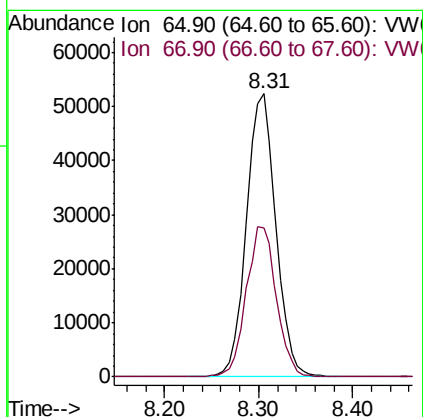
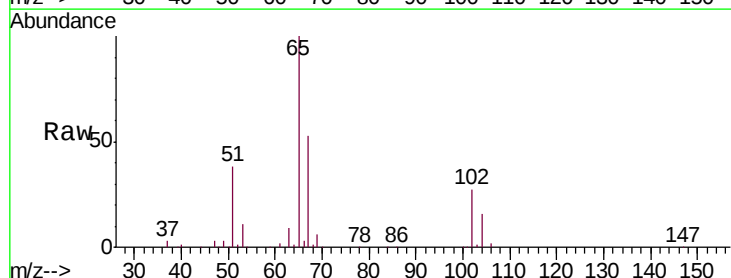
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBL01

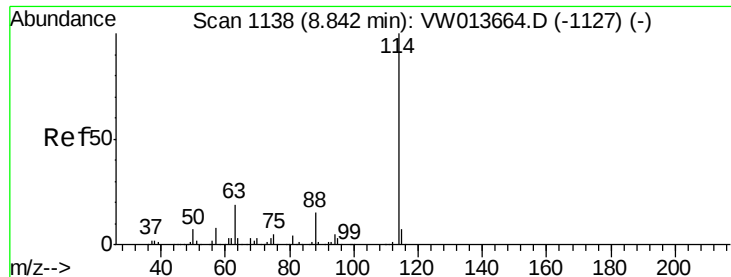
Tgt Ion: 56 Resp: 4804
Ion Ratio Lower Upper
56 100
69 154.0 27.5 41.3#
84 148.0 70.8 106.2#



#33
1,2-Dichloroethane-d4
Concen: 53.333 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW013974.D
Acq: 12 Nov 2019 14:44

Tgt Ion: 65 Resp: 114975
Ion Ratio Lower Upper
65 100
67 54.5 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: VW013974.D

Acq: 12 Nov 2019 14:44

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBL01

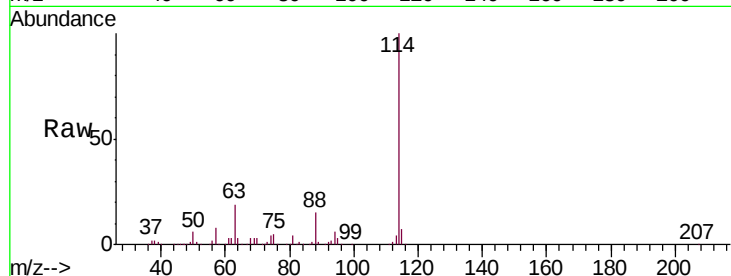
Tgt Ion:114 Resp: 435596

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.6

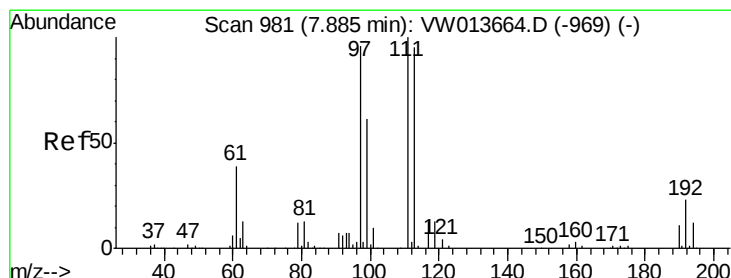
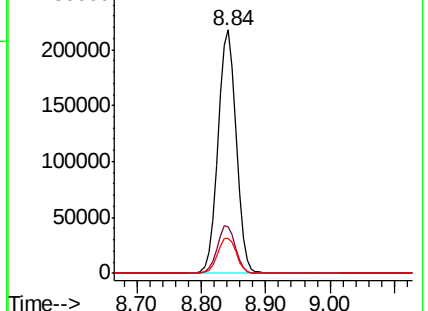
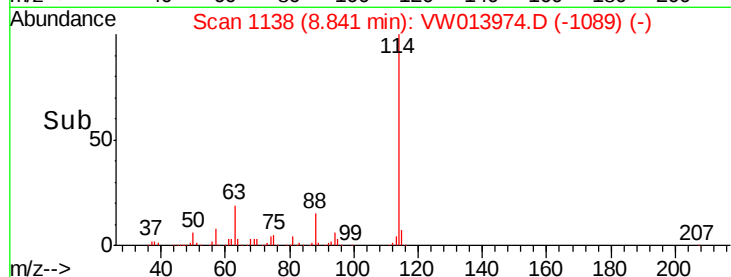
88 14.6 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 51.005 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW013974.D

Acq: 12 Nov 2019 14:44

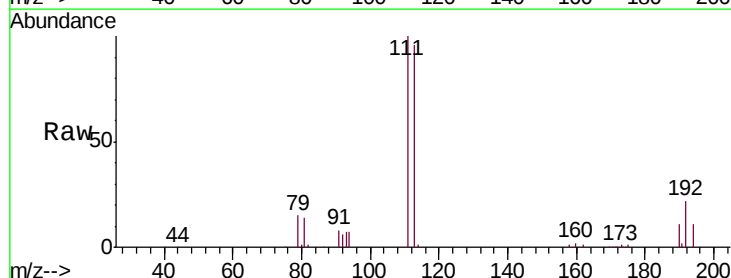
Tgt Ion:113 Resp: 123454

Ion Ratio Lower Upper

113 100

111 102.8 83.0 124.6

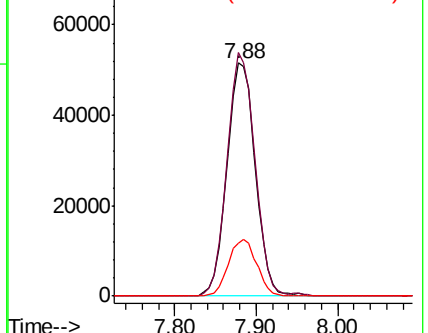
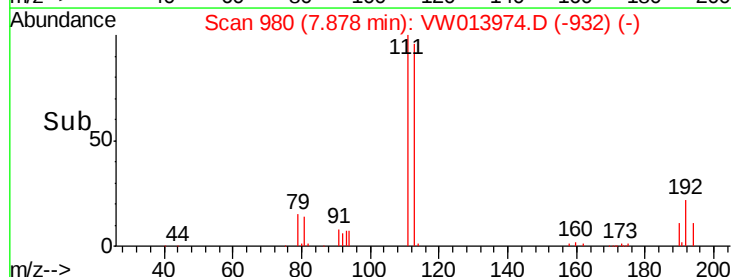
192 24.3 19.4 29.2

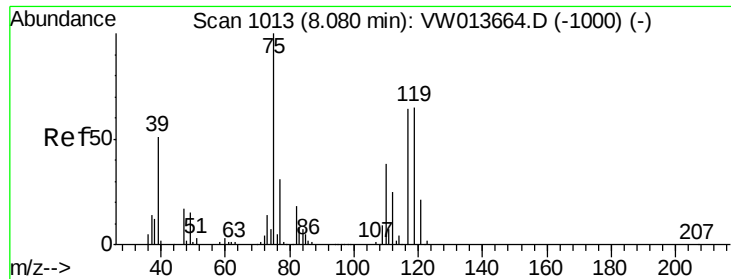


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.413 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW013974.D

Acq: 12 Nov 2019 14:44

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBL01

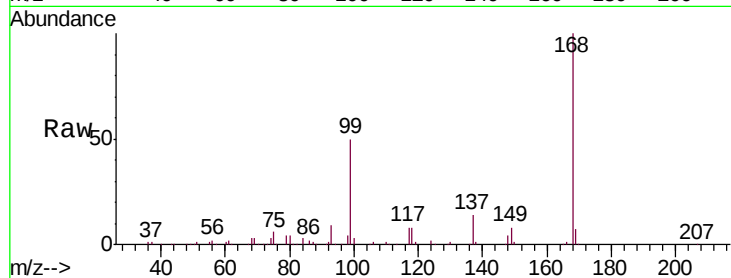
Tgt Ion: 75 Resp: 17904

Ion Ratio Lower Upper

75 100

110 9.2 18.7 56.1#

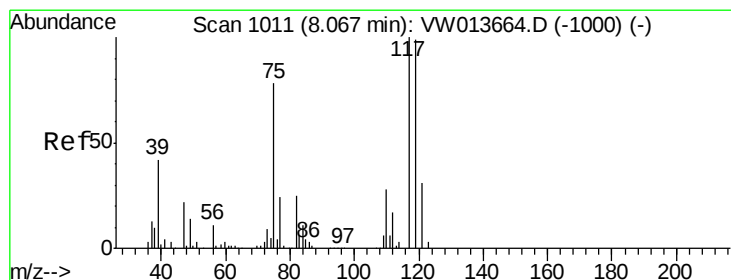
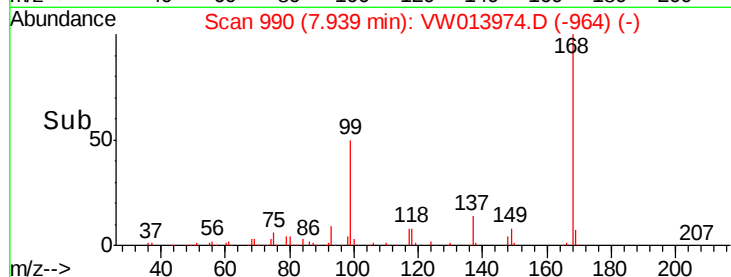
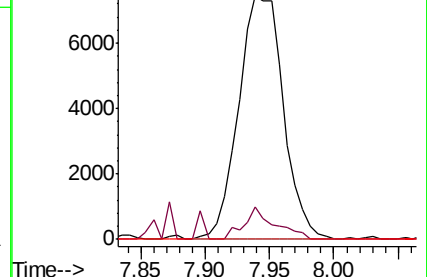
77 0.0 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): VW

Ion 76.90 (76.60 to 77.60): VW



#38

Carbon Tetrachloride

Concen: 6.764 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW013974.D

Acq: 12 Nov 2019 14:44

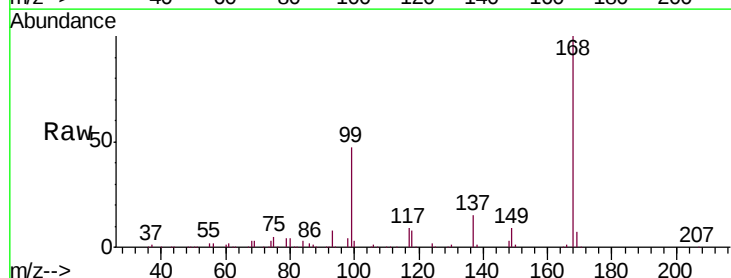
Tgt Ion: 117 Resp: 24708

Ion Ratio Lower Upper

117 100

119 3.5 79.0 118.4#

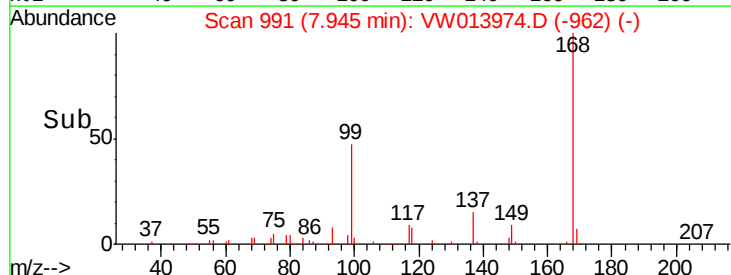
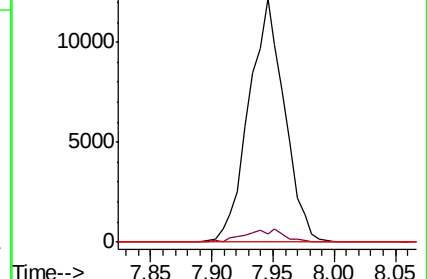
121 0.0 24.5 36.7#

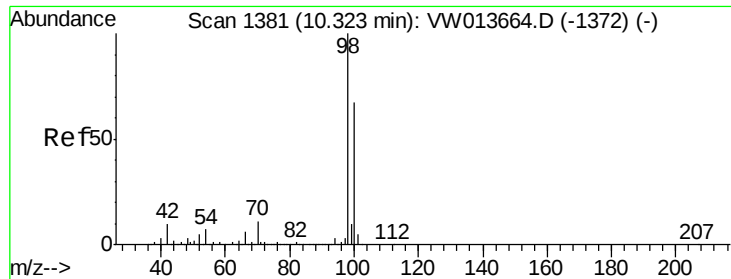


Abundance Ion 116.80 (116.50 to 117.50): VW

Ion 118.80 (118.50 to 119.50): VW

Ion 120.80 (120.50 to 121.50): VW





#50

Toluene-d8

Concen: 50.762 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013974.D

Acq: 12 Nov 2019 14:44

Instrument :

MSVOA_W

ClientSampleId :

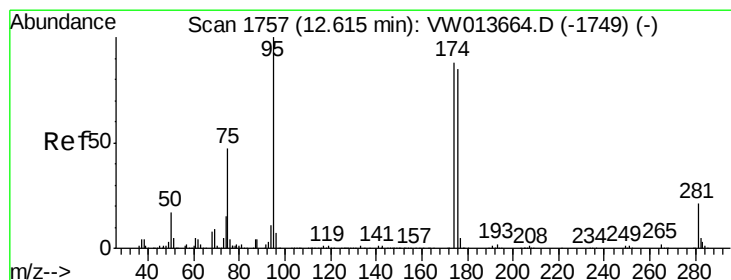
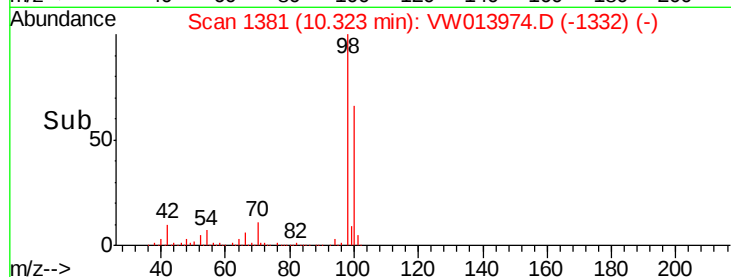
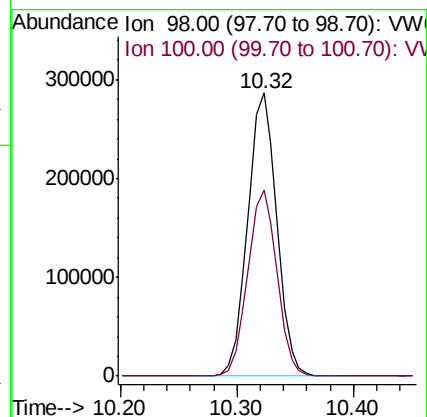
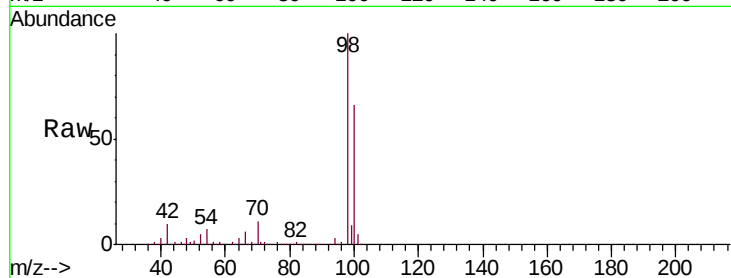
VW1112SBL01

Tgt Ion: 98 Resp: 500648

Ion Ratio Lower Upper

98 100

100 65.9 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 46.867 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013974.D

Acq: 12 Nov 2019 14:44

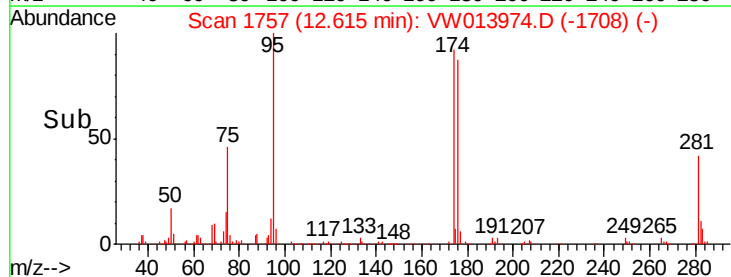
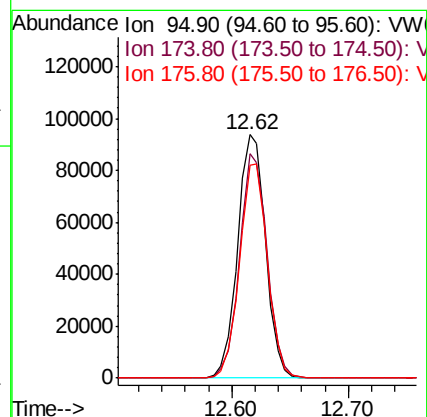
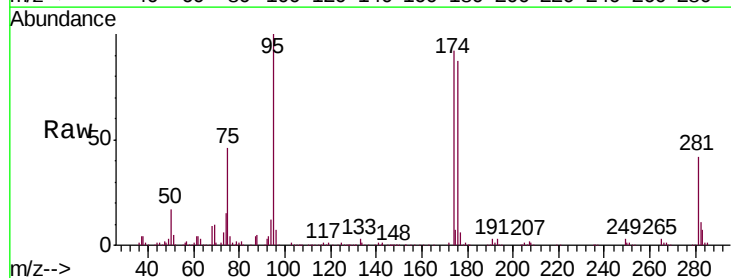
Tgt Ion: 95 Resp: 156512

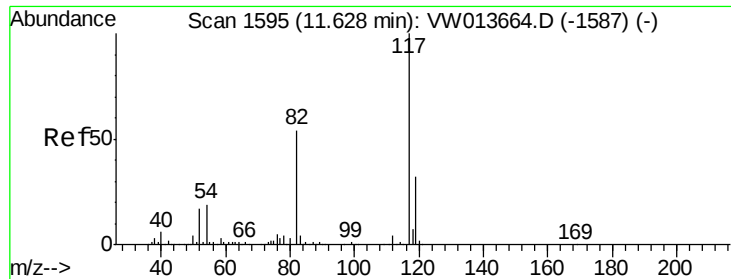
Ion Ratio Lower Upper

95 100

174 91.0 0.0 183.6

176 87.9 0.0 178.0

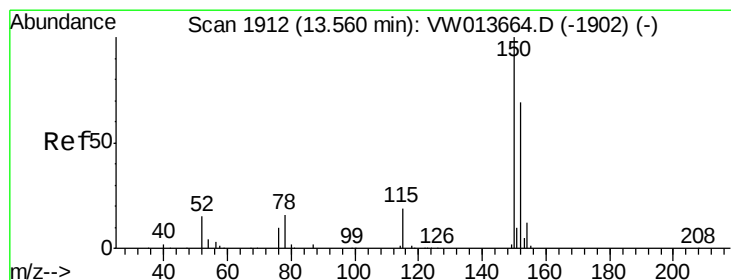
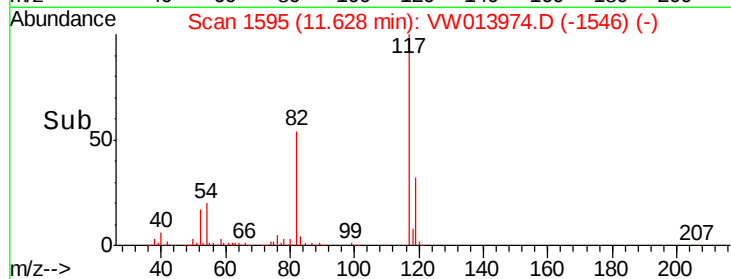
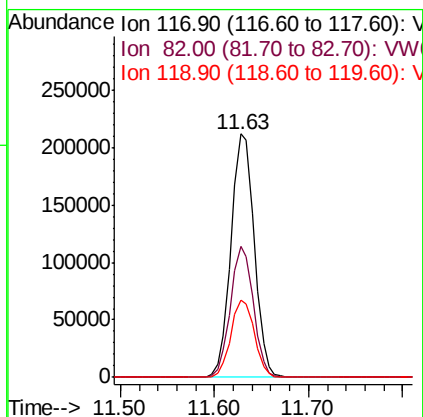
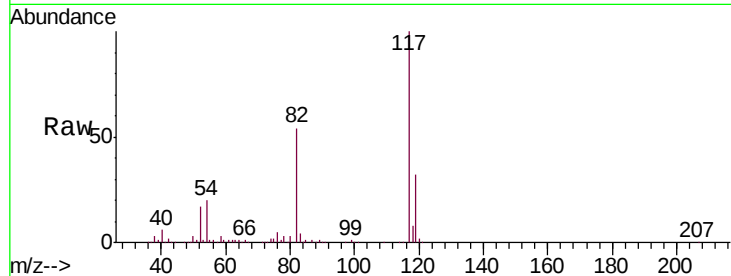




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013974.D
Acq: 12 Nov 2019 14:44

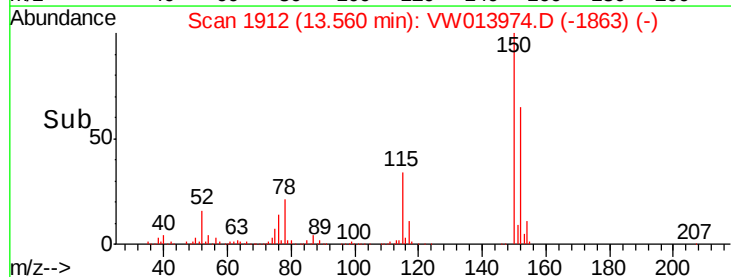
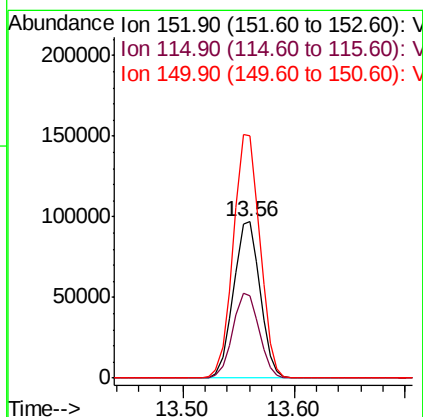
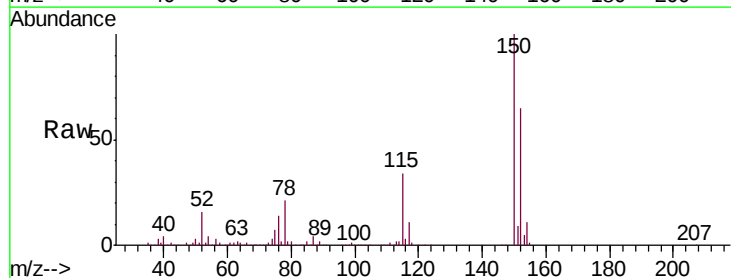
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBL01

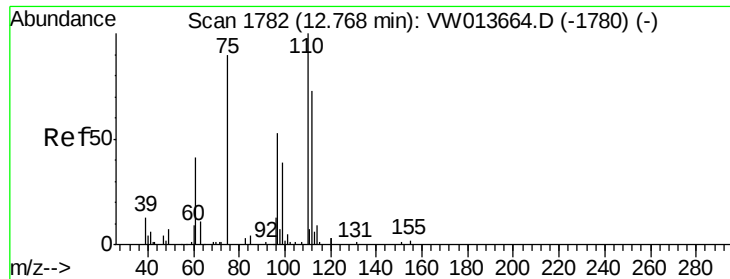
Tgt Ion:117 Resp: 363410
Ion Ratio Lower Upper
117 100
82 53.6 43.6 65.4
119 31.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013974.D
Acq: 12 Nov 2019 14:44

Tgt Ion:152 Resp: 160773
Ion Ratio Lower Upper
152 100
115 53.8 27.4 82.2
150 155.6 0.0 345.4

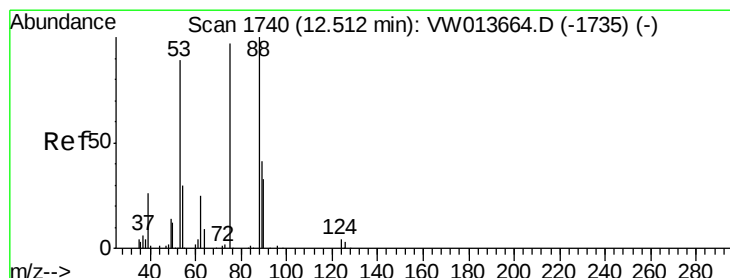
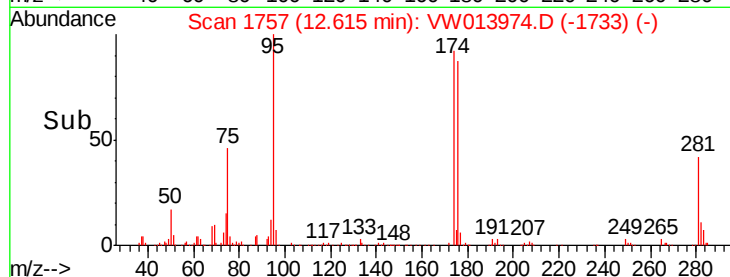
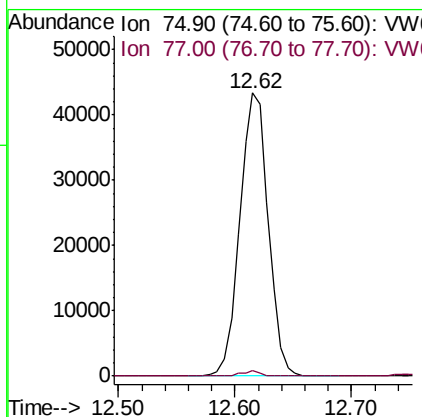
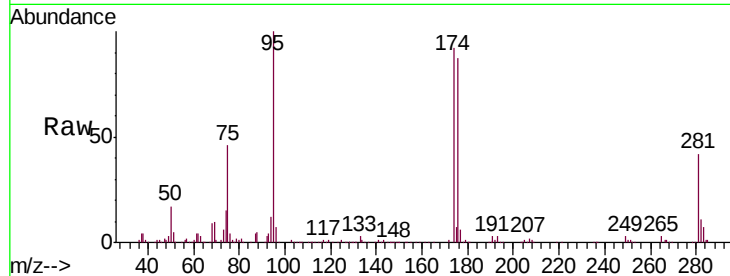




#76
 1,2,3-Trichloropropane
 Concen: 63.978 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW013974.D
 Acq: 12 Nov 2019 14:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBL01

Tgt Ion: 75 Resp: 73867
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 120.909 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW013974.D
 Acq: 12 Nov 2019 14:44

Tgt Ion: 75 Resp: 73867
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.7 107.5#
 89 0.6 35.8 53.8#

