

Data File : VW010491.D
Acq On : 21 May 2019 16:53
Operator : SY/VA
Sample : K2900-01RE
Misc : 4.80G/5ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
P-2(0-10)RE

Quant Time: May 22 06:44:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	66139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	99754	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	30993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	2260	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	25617	37.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.04%	
35) Dibromofluoromethane	7.88	113	29404	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
50) Toluene-d8	10.32	98	55406	23.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	47.92%	
62) 4-Bromofluorobenzene	12.62	95	3896	4.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.46%	

Target Compounds

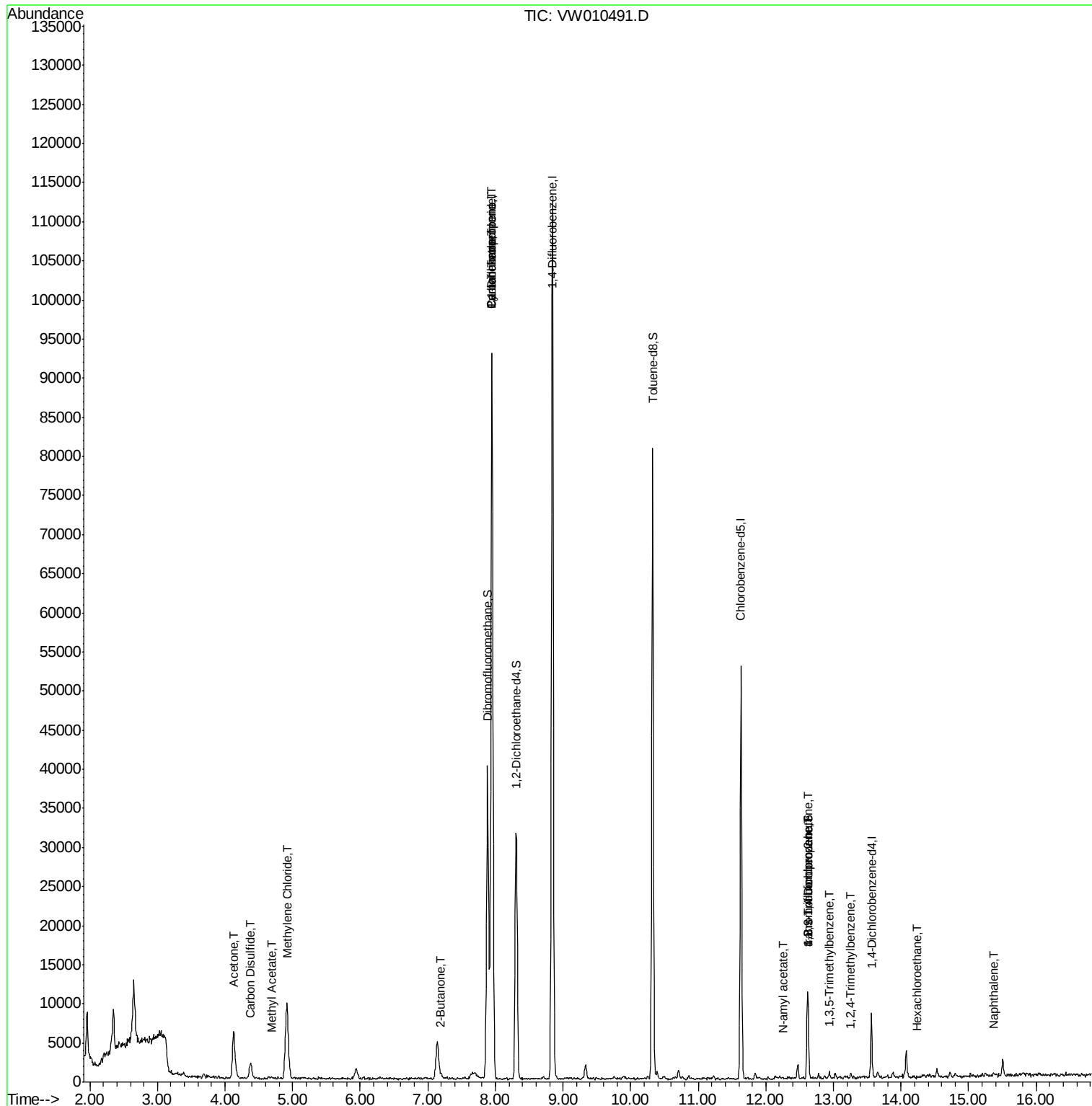
						Qvalue
2) Dichlorodifluoromethane	1.99	85	20	Below Cal	#	42
16) Acetone	4.12	43	10970	78.724	ug/l	97
17) Carbon Disulfide	4.38	76	3920	1.881	ug/l #	84
18) Methyl Acetate	4.68	43	576	1.690	ug/l #	48
20) Methylene Chloride	4.92	84	7885	5.089	ug/l	93
25) 2-Butanone	7.19	43	390	1.956	ug/l #	59
31) Cyclohexane	7.95	56	1737	1.340	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	5562	5.985	ug/l #	48
38) Carbon Tetrachloride	7.95	117	6929	6.912	ug/l #	16
74) N-amyl acetate	12.26	43	195	4.745	ug/l #	40
76) 1,2,3-Trichloropropane	12.62	75	1984	86.485	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.94	105	242	1.593	ug/l #	53
81) trans-1,4-Dichloro-2-buten	12.62	75	1984	180.496	ug/l #	14
84) 1,2,4-Trimethylbenzene	13.25	105	438	2.895	ug/l	94
90) Hexachloroethane	14.22	117	40	1.230	ug/l #	15
95) Naphthalene	15.37	128	576	5.621	ug/l #	69

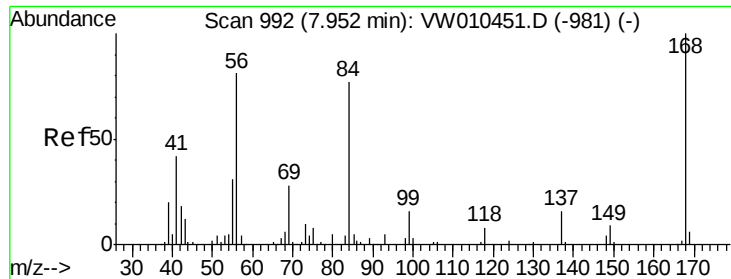
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW010491.D
Acq On : 21 May 2019 16:53
Operator : SY/VA
Sample : K2900-01RE
Misc : 4.80G/5ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
P-2(0-10)RE

Quant Time: May 22 06:44:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010491.D

Acq: 21 May 2019 16:53

Instrument :

MSVOA_W

ClientSampleId :

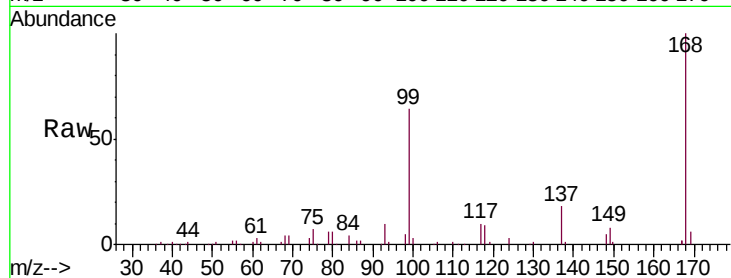
P-2(0-10)RE

Tgt Ion:168 Resp: 66139

Ion Ratio Lower Upper

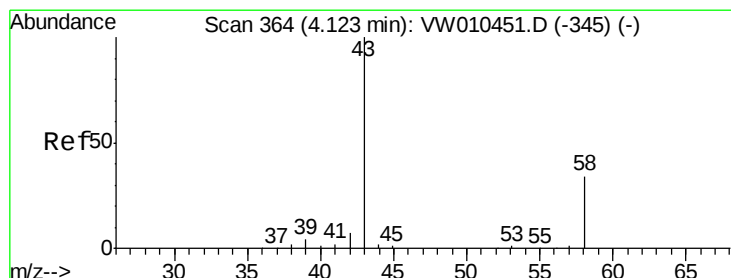
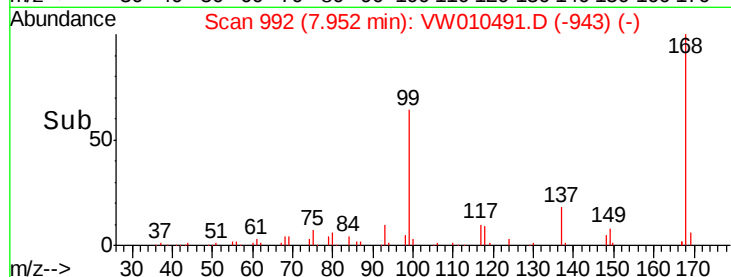
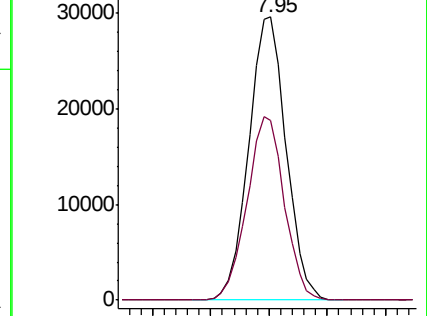
168 100

99 63.7 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 78.724 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010491.D

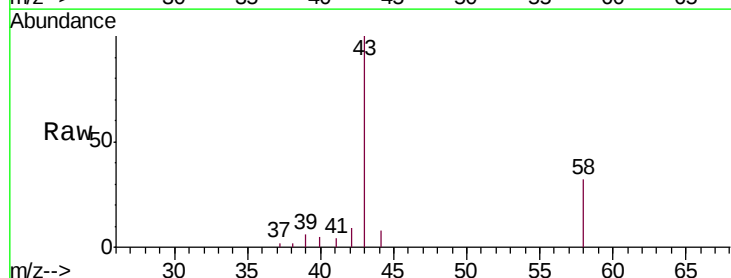
Acq: 21 May 2019 16:53

Tgt Ion: 43 Resp: 10970

Ion Ratio Lower Upper

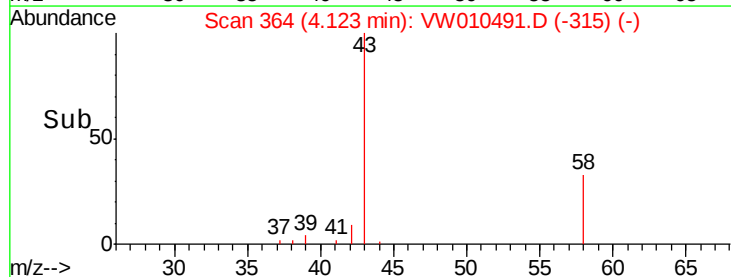
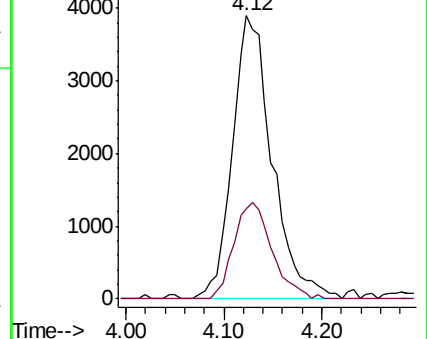
43 100

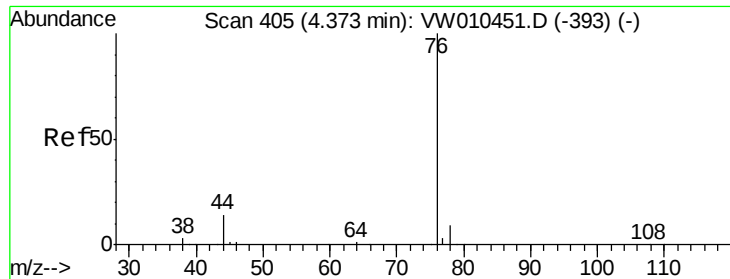
58 31.8 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 1.881 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW010491.D

Acq: 21 May 2019 16:53

Instrument :

MSVOA_W

ClientSampleId :

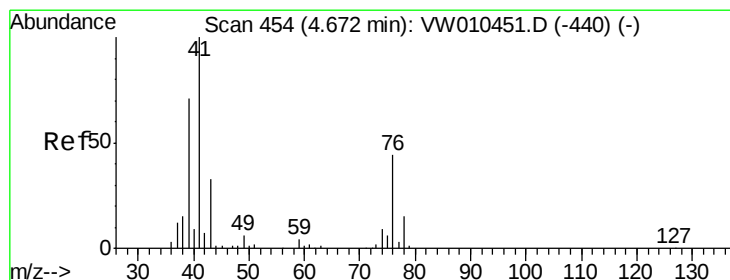
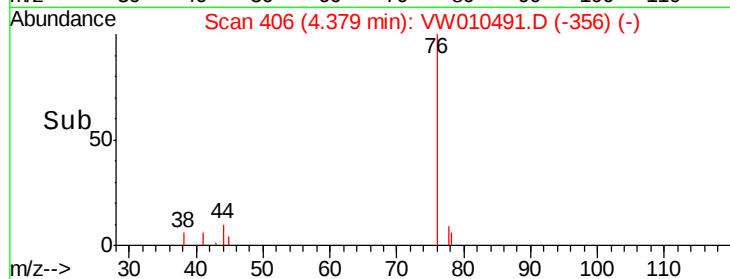
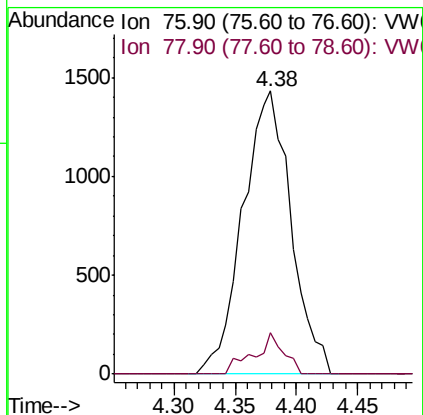
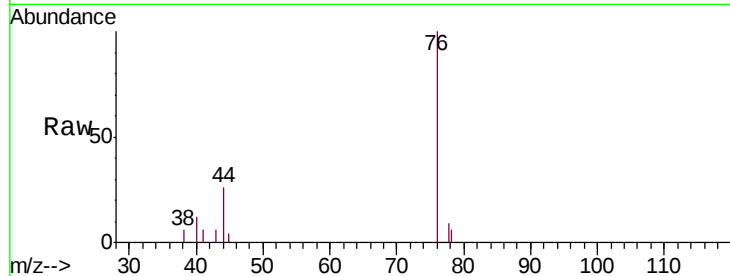
P-2(0-10)RE

Tgt Ion: 76 Resp: 3920

Ion Ratio Lower Upper

76 100

78 14.7 7.1 10.7#



#18

Methyl Acetate

Concen: 1.690 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW010491.D

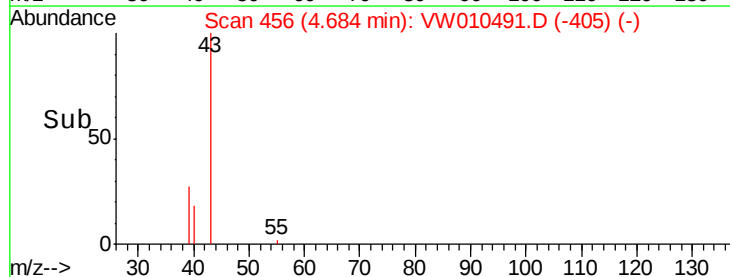
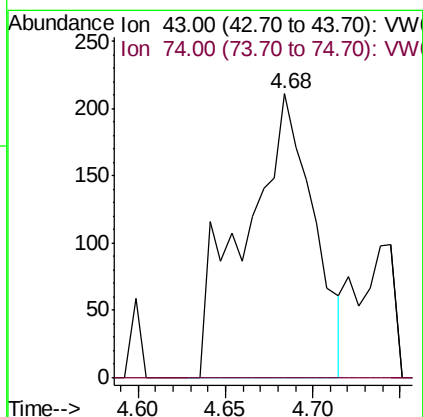
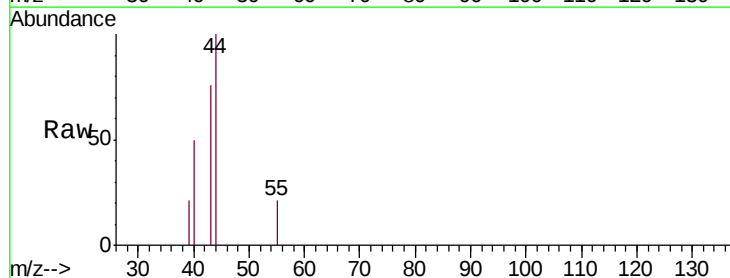
Acq: 21 May 2019 16:53

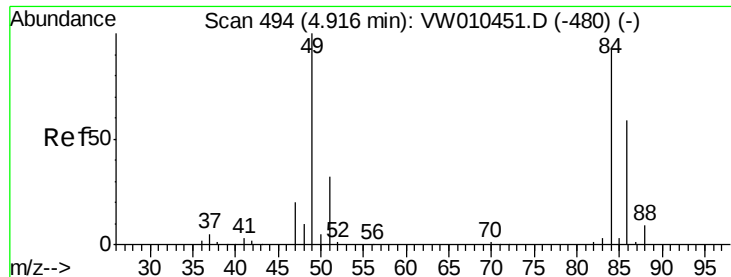
Tgt Ion: 43 Resp: 576

Ion Ratio Lower Upper

43 100

74 0.0 21.6 32.4#

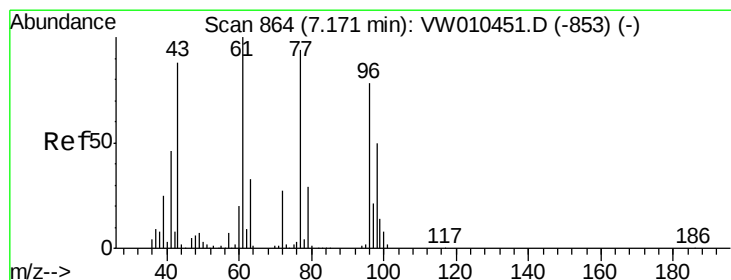
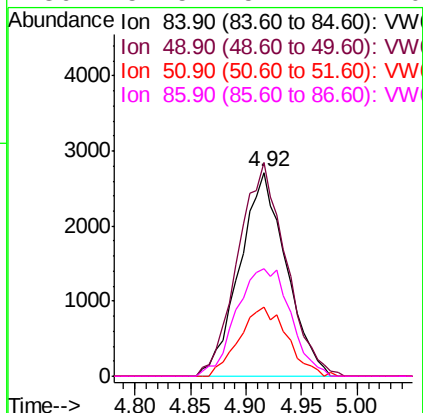
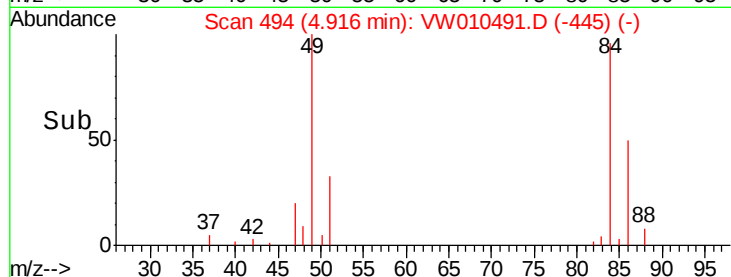
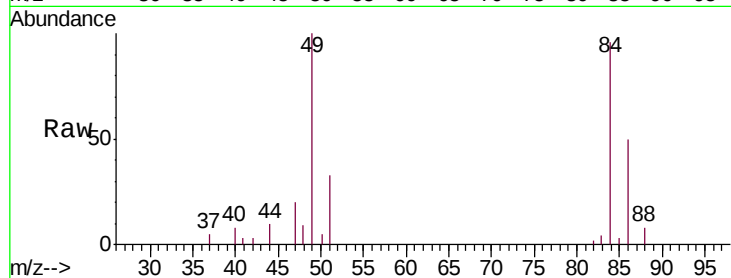




#20
Methylene Chloride
Concen: 5.089 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010491.D
Acq: 21 May 2019 16:53

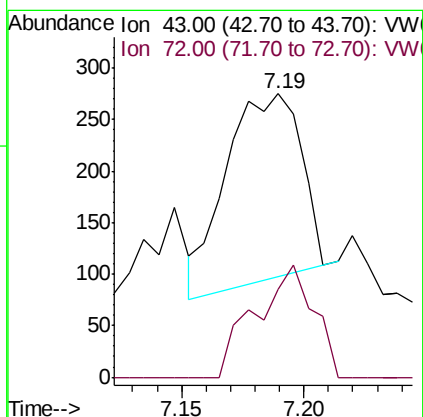
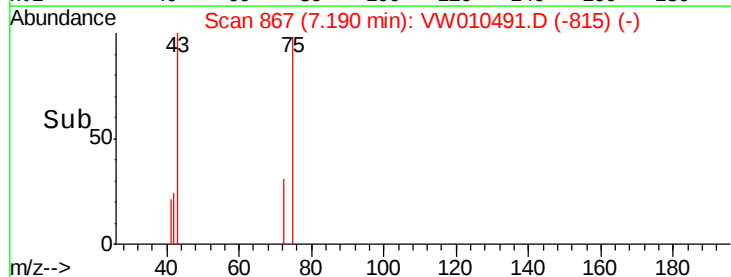
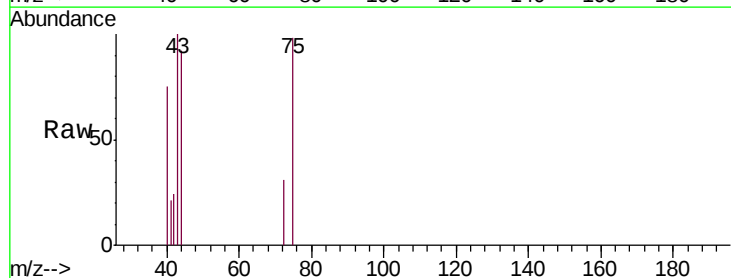
Instrument :
MSVOA_W
ClientSampleId :
P-2(0-10)RE

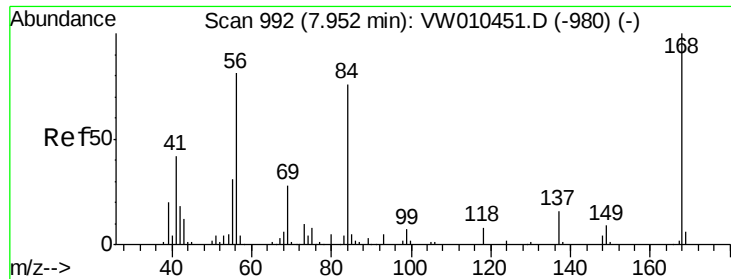
Tgt Ion:	84	Resp:	7885
Ion	Ratio	Lower	Upper
84	100		
49	104.6	87.2	130.8
51	34.2	27.7	41.5
86	52.5	51.4	77.0



#25
2-Butanone
Concen: 1.956 ug/l
RT: 7.19 min Scan# 867
Delta R.T. 0.02 min
Lab File: VW010491.D
Acq: 21 May 2019 16:53

Tgt Ion:	43	Resp:	390
Ion	Ratio	Lower	Upper
43	100		
72	52.1	24.1	36.1#

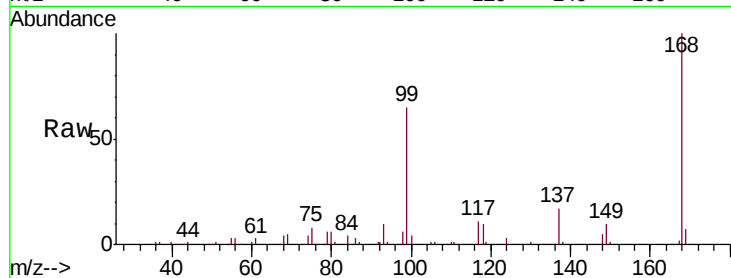




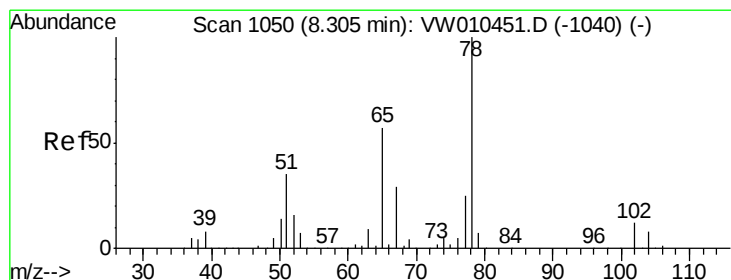
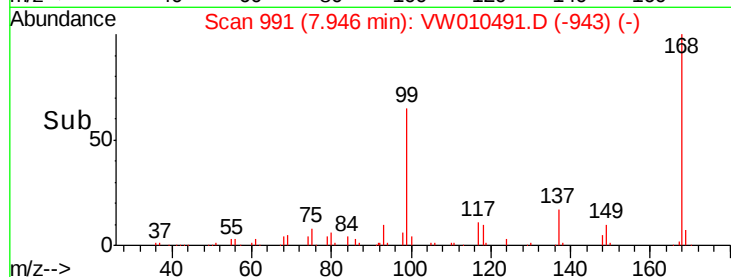
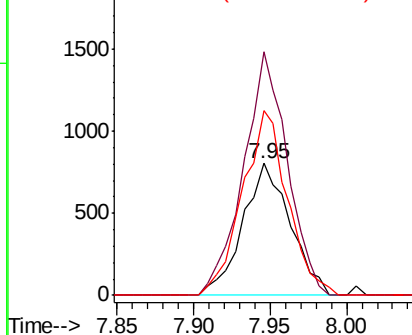
#31
Cyclohexane
Concen: 1.340 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW010491.D
Acq: 21 May 2019 16:53

Instrument :
MSVOA_W
ClientSampleId :
P-2(0-10)RE

Tgt Ion: 56 Resp: 1737
Ion Ratio Lower Upper
56 100
69 184.9 28.2 42.2#
84 139.9 75.8 113.8#

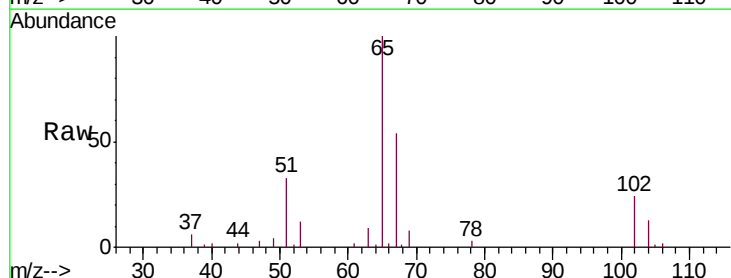


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

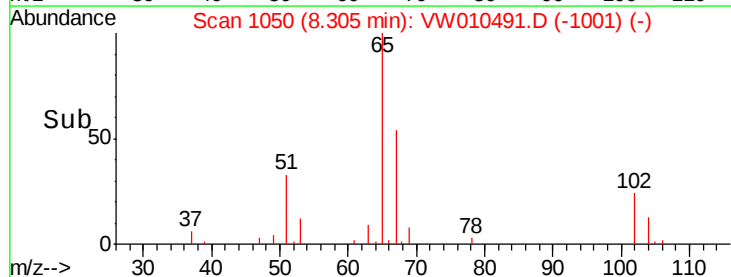
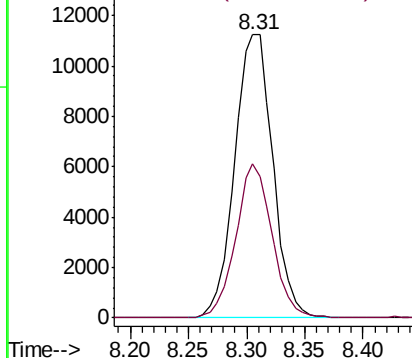


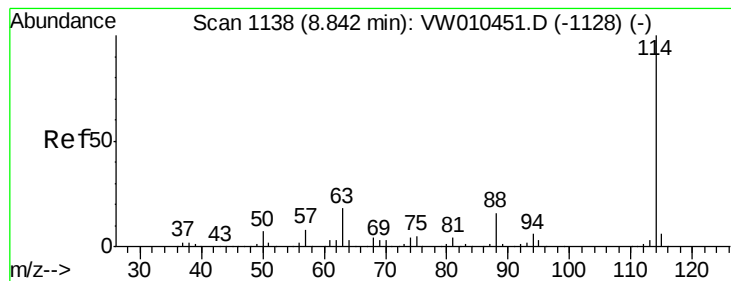
#33
1,2-Dichloroethane-d4
Concen: 37.525 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW010491.D
Acq: 21 May 2019 16:53

Tgt Ion: 65 Resp: 25617
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010491.D

Acq: 21 May 2019 16:53

Instrument :

MSVOA_W

ClientSampleId :

P-2(0-10)RE

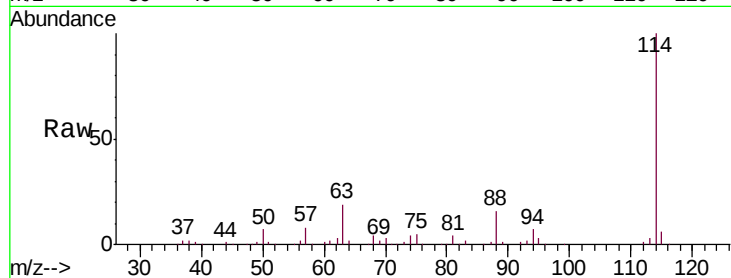
Tgt Ion:114 Resp: 99754

Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.0

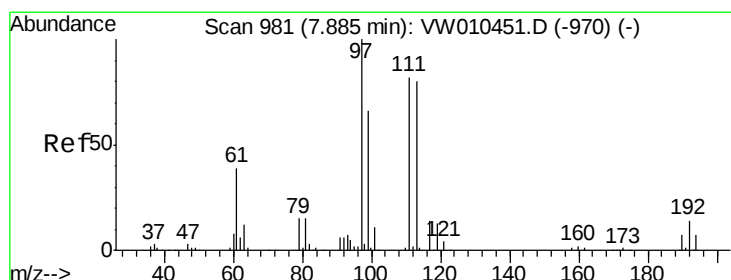
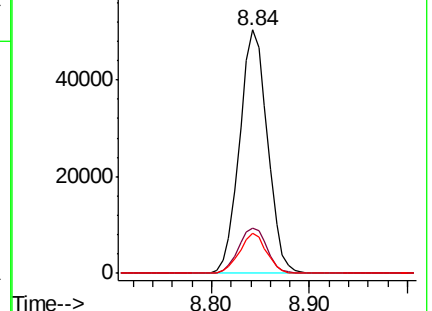
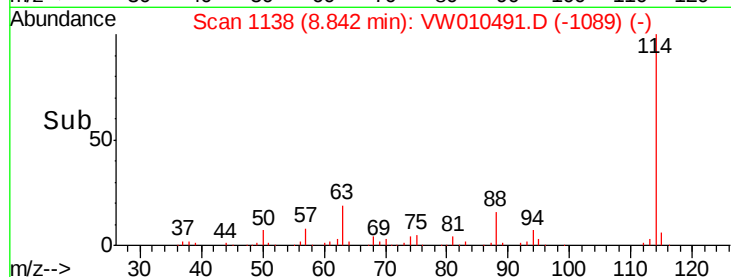
88 16.2 0.0 32.0



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: 48.579 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010491.D

Acq: 21 May 2019 16:53

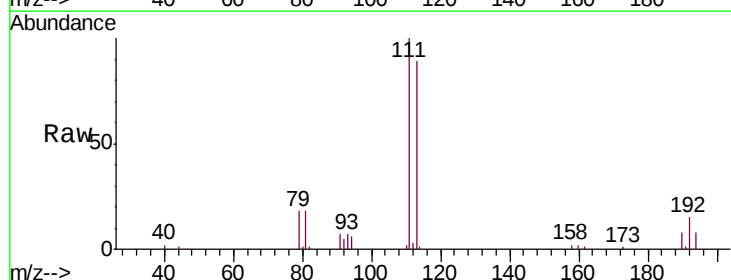
Tgt Ion:113 Resp: 29404

Ion Ratio Lower Upper

113 100

111 100.6 82.2 123.4

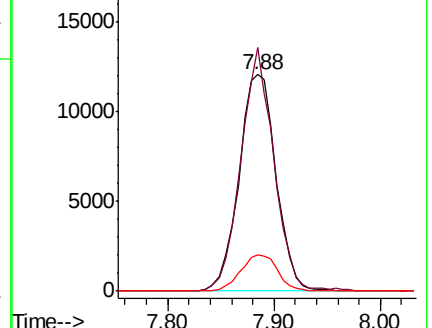
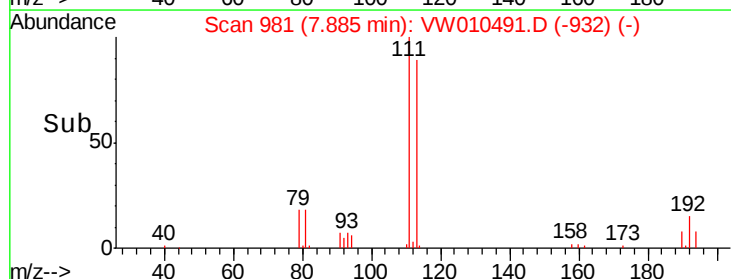
192 16.8 14.3 21.5

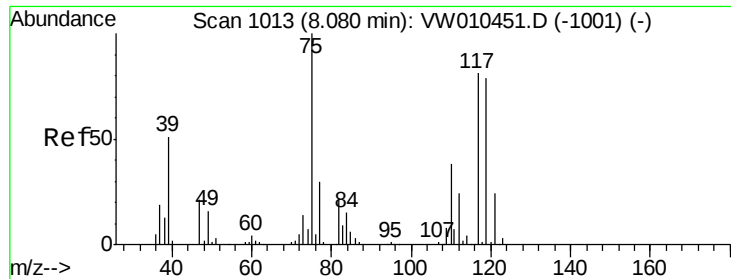


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

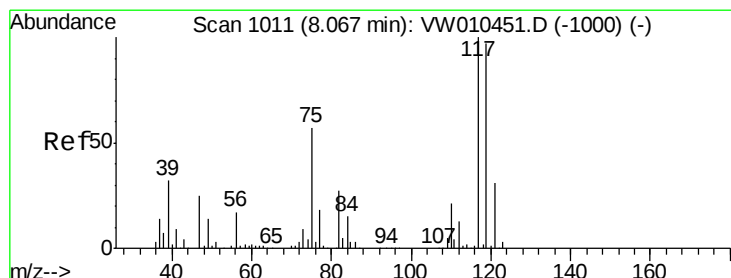
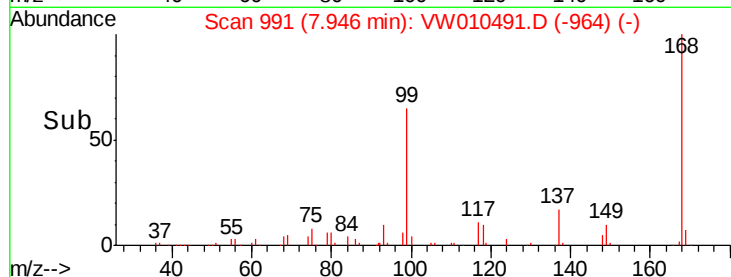
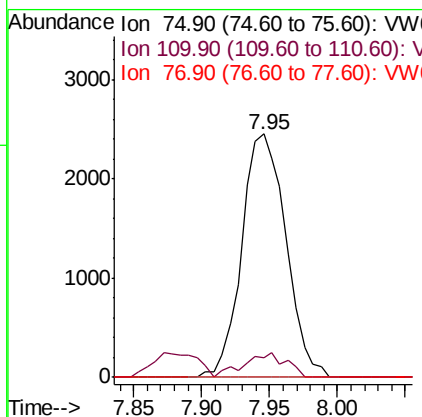
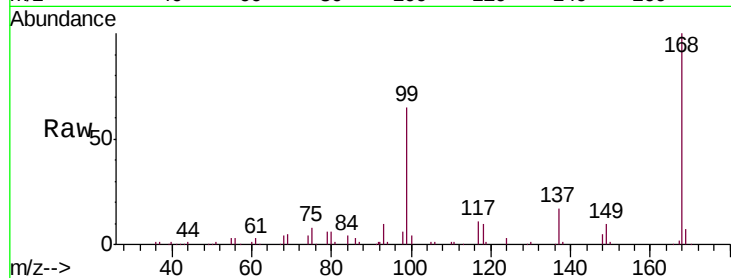




#36
 1,1-Dichloropropene
 Concen: 5.985 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010491.D
 Acq: 21 May 2019 16:53

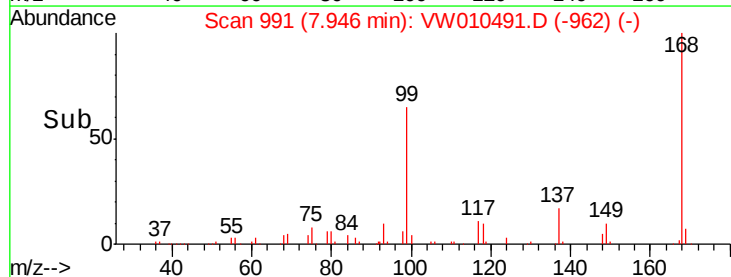
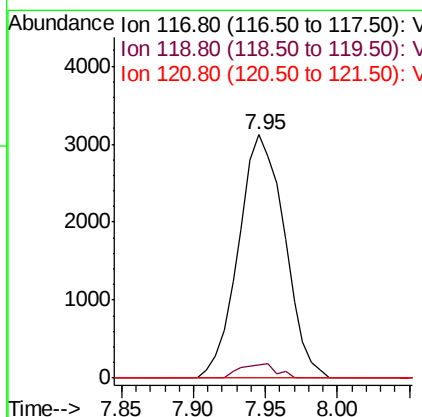
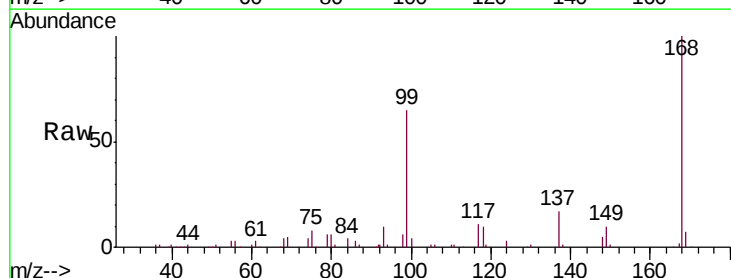
Instrument :
 MSVOA_W
 ClientSampleId :
 P-2(0-10)RE

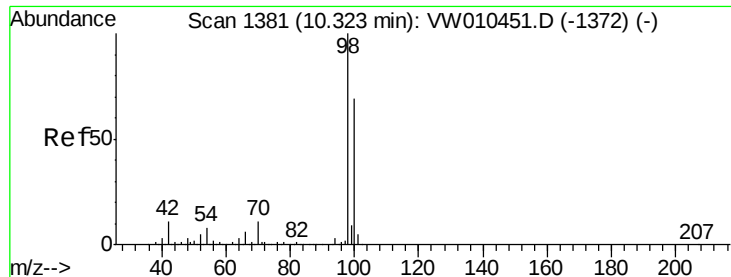
Tgt Ion: 75 Resp: 5562
 Ion Ratio Lower Upper
 75 100
 110 9.6 19.2 57.6#
 77 0.0 25.2 37.8#



#38
 Carbon Tetrachloride
 Concen: 6.912 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW010491.D
 Acq: 21 May 2019 16:53

Tgt Ion: 117 Resp: 6929
 Ion Ratio Lower Upper
 117 100
 119 5.6 77.4 116.0#
 121 0.0 25.0 37.6#





#50

Toluene-d8

Concen: 23.961 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010491.D

Acq: 21 May 2019 16:53

Instrument :

MSVOA_W

ClientSampleId :

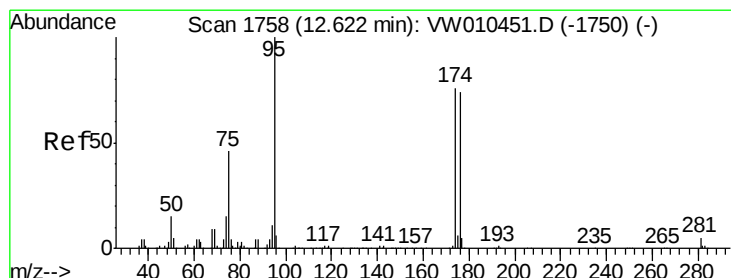
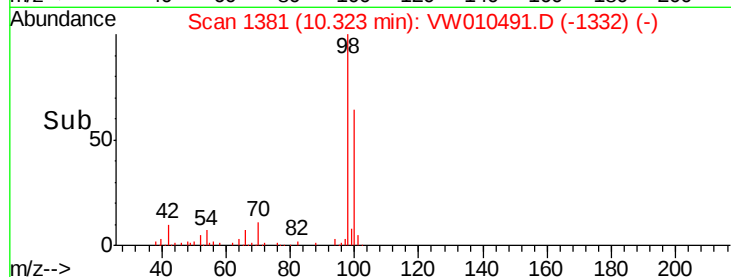
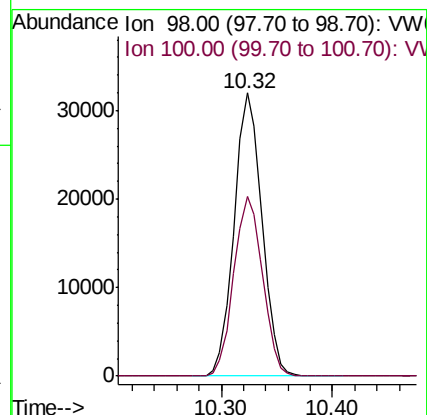
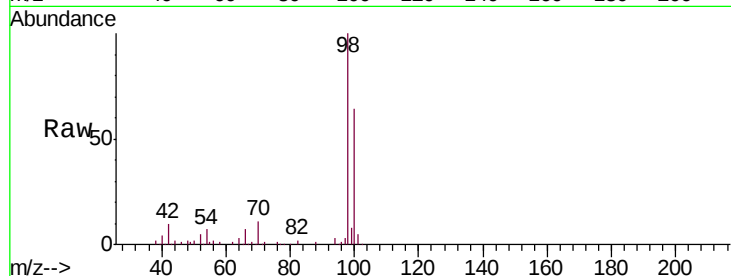
P-2(0-10)RE

Tgt Ion: 98 Resp: 55406

Ion Ratio Lower Upper

98 100

100 65.7 53.7 80.5



#62

4-Bromofluorobenzene

Concen: 4.230 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010491.D

Acq: 21 May 2019 16:53

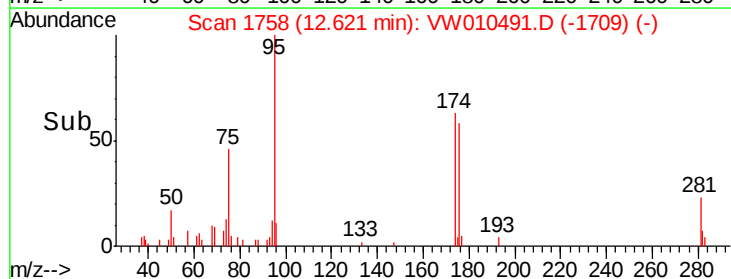
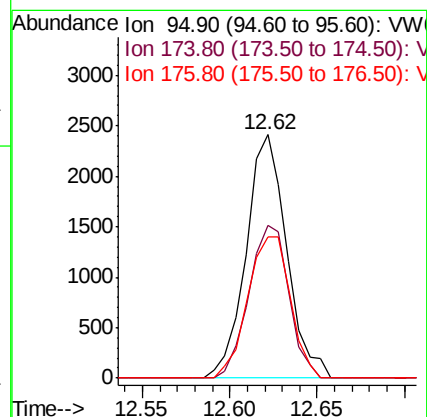
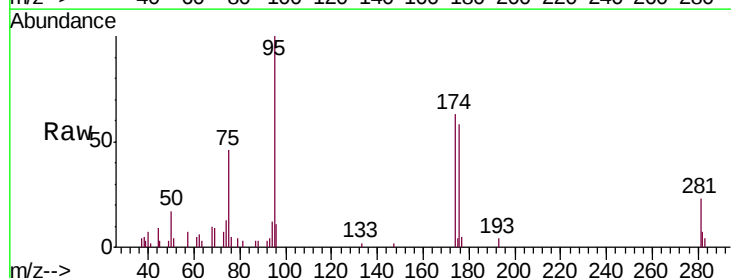
Tgt Ion: 95 Resp: 3896

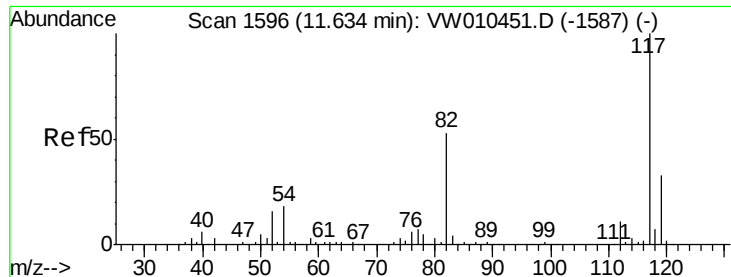
Ion Ratio Lower Upper

95 100

174 62.1 0.0 148.6

176 61.4 0.0 144.2

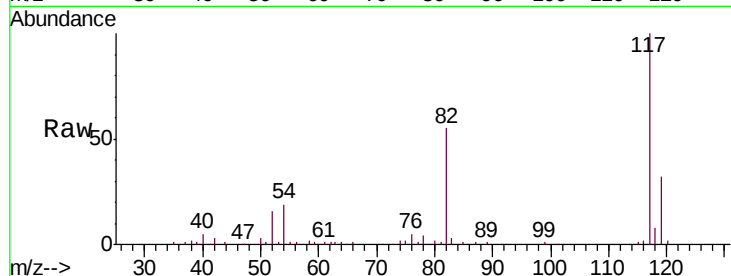




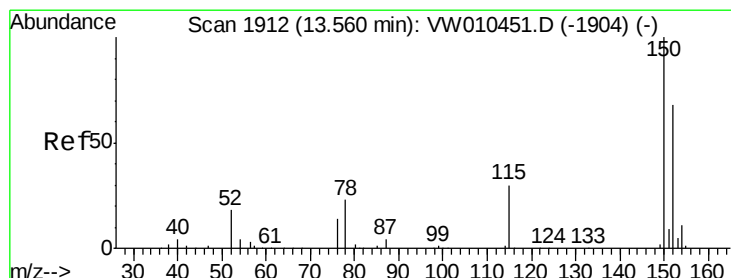
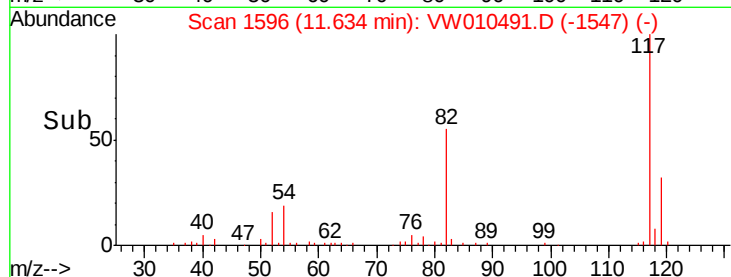
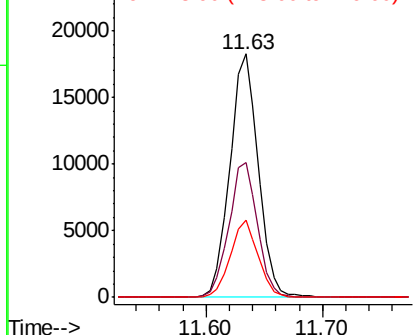
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010491.D
Acq: 21 May 2019 16:53

Instrument :
MSVOA_W
ClientSampleId :
P-2(0-10)RE

Tgt Ion:117 Resp: 30993
Ion Ratio Lower Upper
117 100
82 55.2 42.8 64.2
119 31.9 26.3 39.5

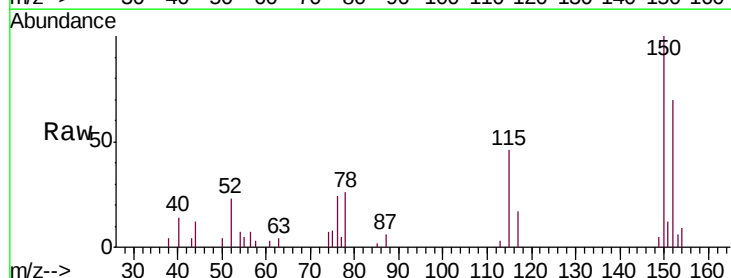


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

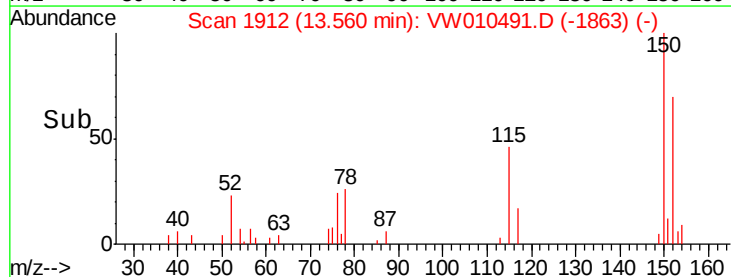
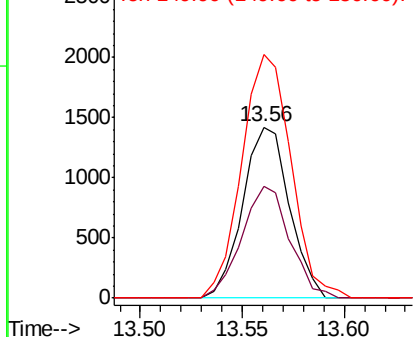


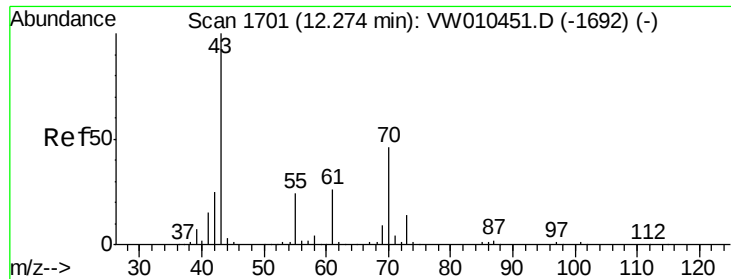
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010491.D
Acq: 21 May 2019 16:53

Tgt Ion:152 Resp: 2260
Ion Ratio Lower Upper
152 100
115 67.3 30.3 91.0
150 150.4 0.0 349.8



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

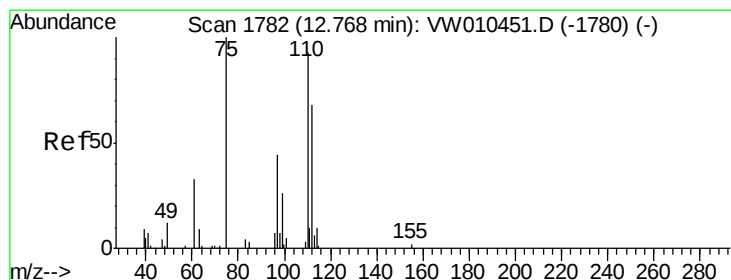
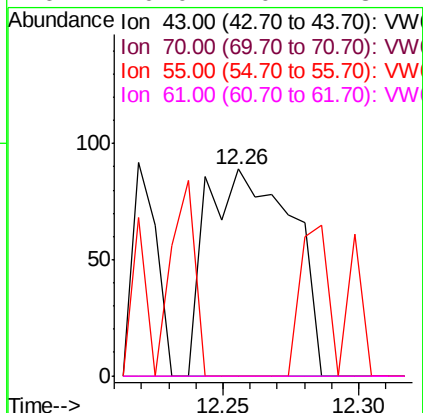
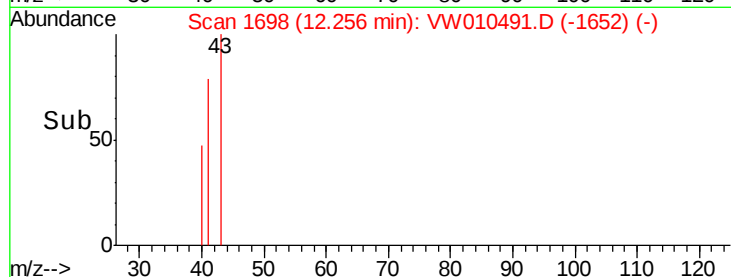
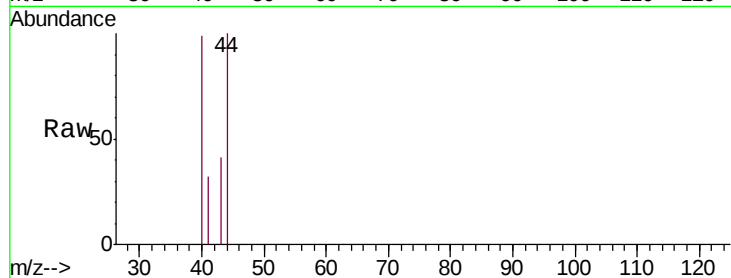




#74
N-amy1 acetate
Concen: 4.745 ug/l
RT: 12.26 min Scan# 1698
Delta R.T. -0.02 min
Lab File: VW010491.D
Acq: 21 May 2019 16:53

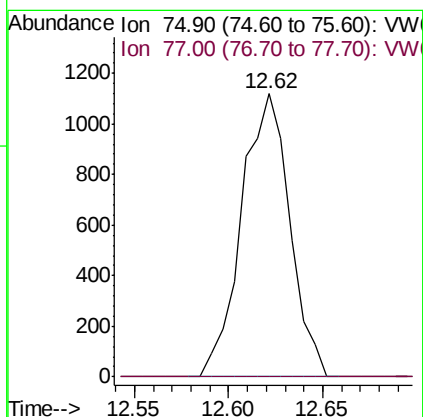
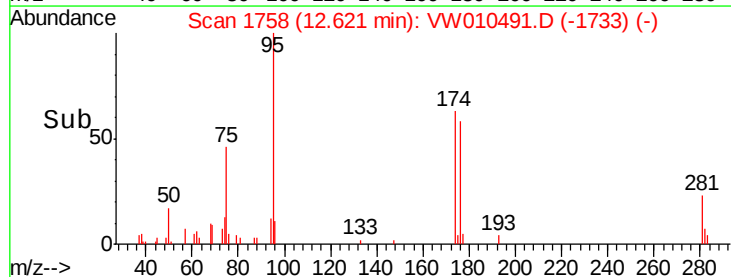
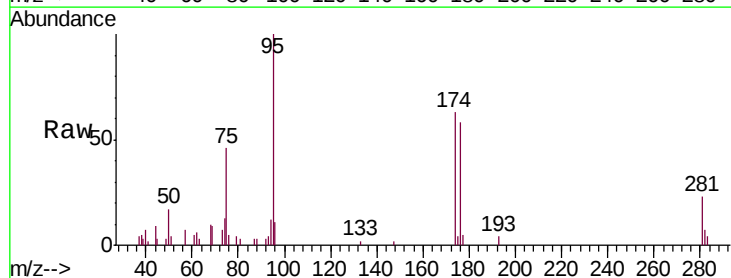
Instrument :
MSVOA_W
ClientSampleId :
P-2(0-10)RE

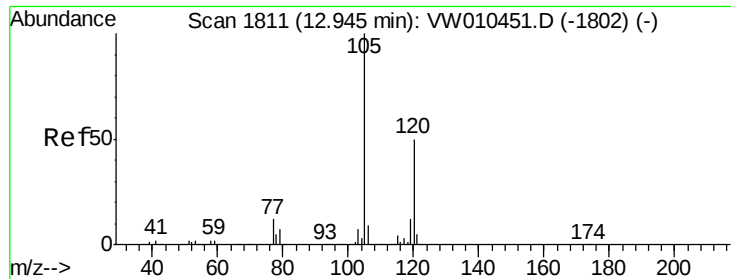
Tgt Ion: 43 Resp: 195
Ion Ratio Lower Upper
43 100
70 0.0 37.1 55.7#
55 0.0 19.6 29.4#
61 0.0 20.7 31.1#



#76
1,2,3-Trichloropropane
Concen: 86.485 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW010491.D
Acq: 21 May 2019 16:53

Tgt Ion: 75 Resp: 1984
Ion Ratio Lower Upper
75 100
77 0.0 170.0 510.1#

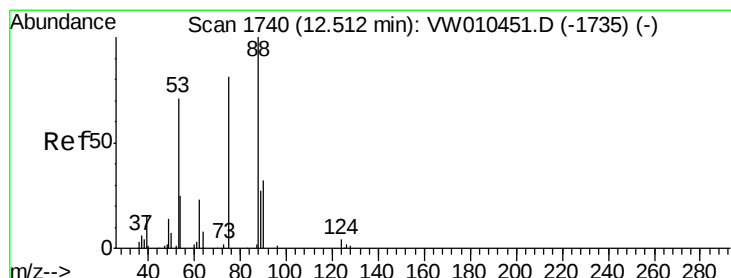
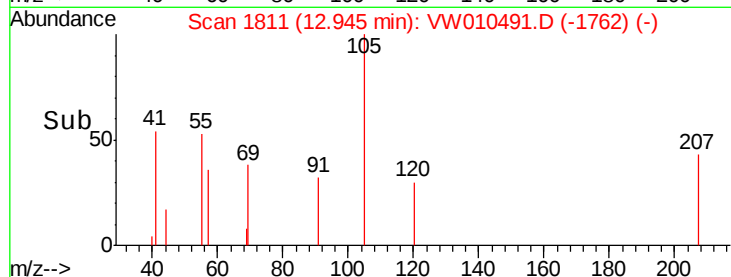
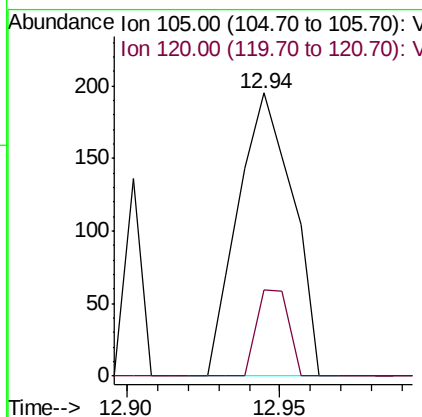
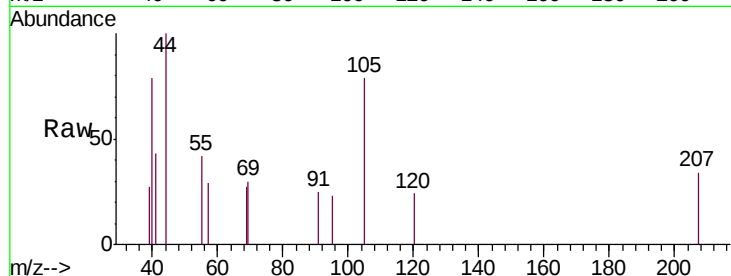




#80
 1,3,5-Trimethylbenzene
 Concen: 1.593 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW010491.D
 Acq: 21 May 2019 16:53

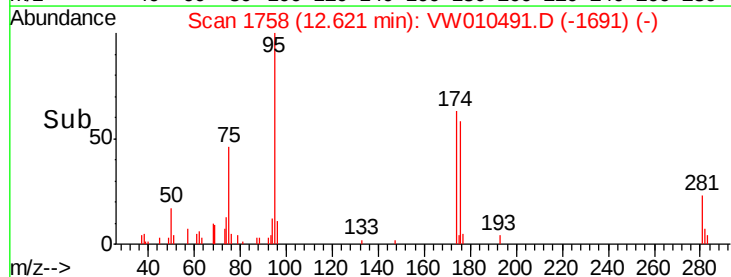
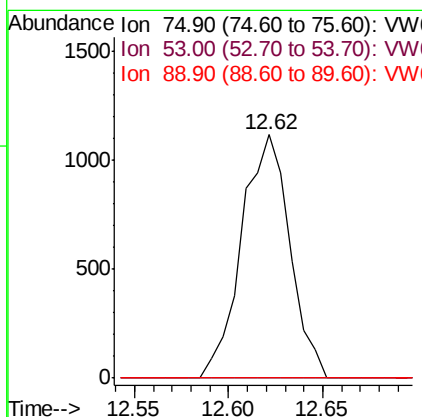
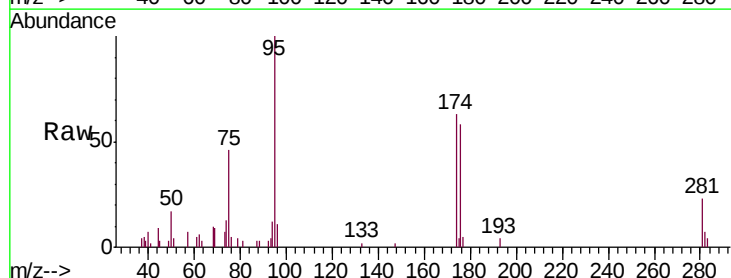
Instrument :
 MSVOA_W
 ClientSampled :
 P-2(0-10)RE

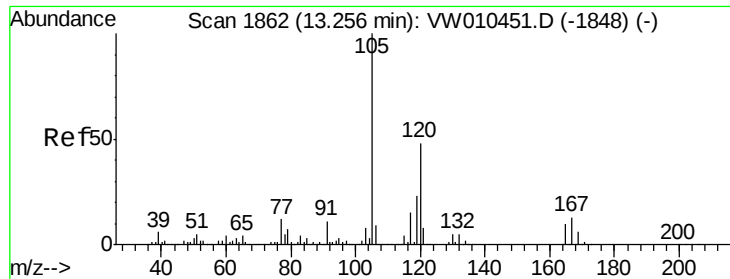
Tgt Ion: 105 Resp: 242
 Ion Ratio Lower Upper
 105 100
 120 17.8 25.2 75.6#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 180.496 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW010491.D
 Acq: 21 May 2019 16:53

Tgt Ion: 75 Resp: 1984
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.8 104.8#
 89 0.0 39.5 59.3#

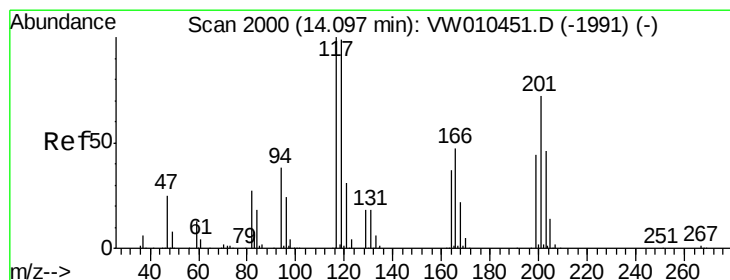
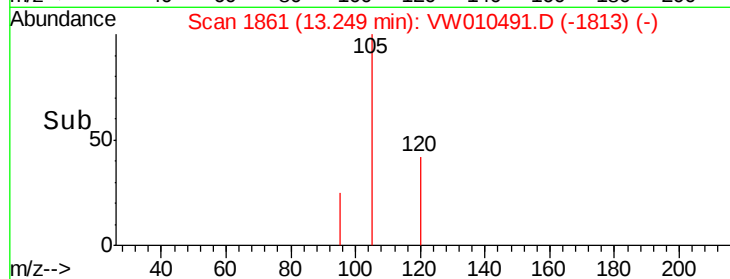
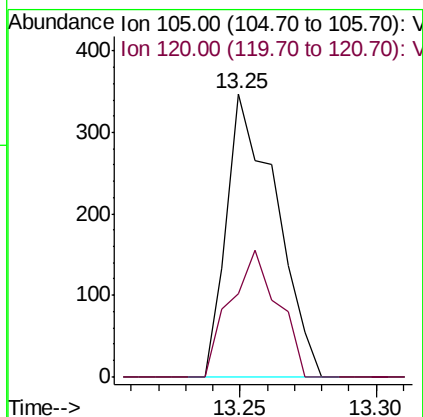
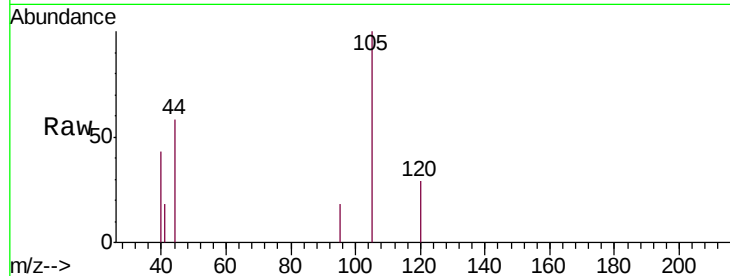




#84
 1,2,4-Trimethylbenzene
 Concen: 2.895 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: VW010491.D
 Acq: 21 May 2019 16:53

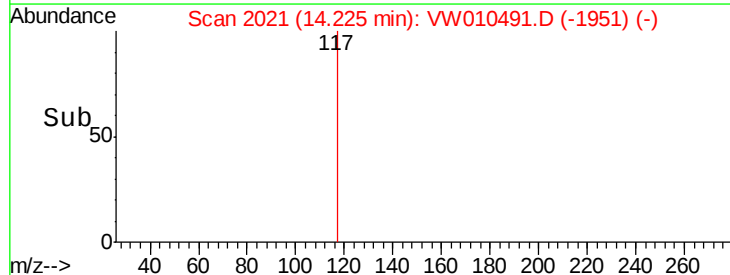
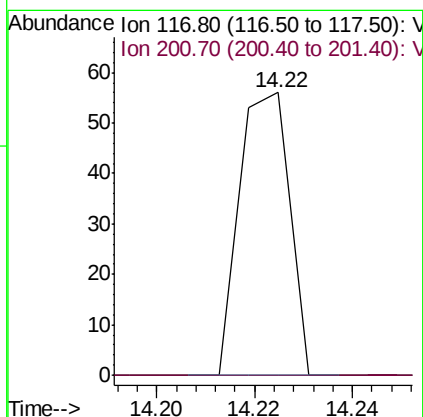
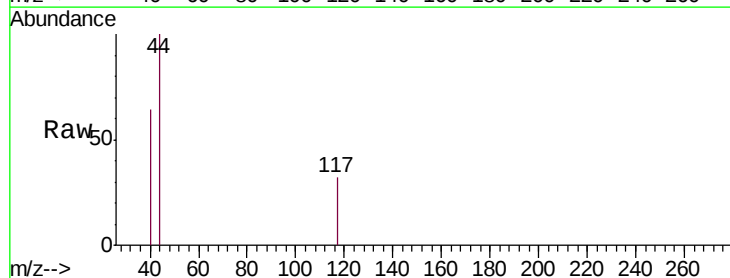
Instrument :
 MSVOA_W
 ClientSampleId :
 P-2(0-10)RE

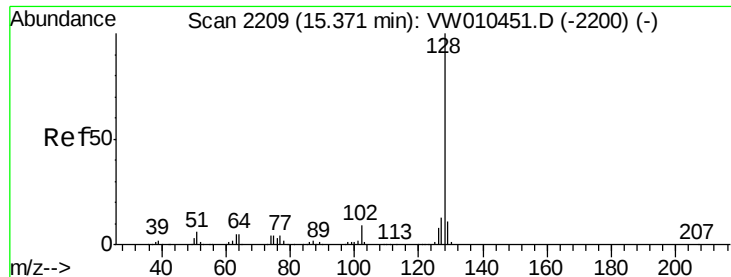
Tgt Ion:105 Resp: 438
 Ion Ratio Lower Upper
 105 100
 120 42.9 23.4 70.2



#90
 Hexachloroethane
 Concen: 1.230 ug/l
 RT: 14.22 min Scan# 2021
 Delta R.T. 0.13 min
 Lab File: VW010491.D
 Acq: 21 May 2019 16:53

Tgt Ion:117 Resp: 40
 Ion Ratio Lower Upper
 117 100
 201 0.0 34.6 103.8#





#95
Naphthalene
Concen: 5.621 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010491.D
Acq: 21 May 2019 16:53

Instrument :
MSVOA_W
ClientSampleId :
P-2(0-10)RE

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	15.8#
129	0.0	8.9	13.3#

