

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091519\
 Data File : VW013025.D
 Acq On : 15 Sep 2019 06:36
 Operator : SY/VA
 Sample : K4850-04
 Misc : 5.21G/5ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 16 06:59:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	23558	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	32716	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	21137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	4959	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	12465	57.29	ug/l	0.00
Spiked Amount			Recovery	=	114.58%	
35) Dibromofluoromethane	7.88	113	10035	56.53	ug/l	0.00
Spiked Amount			Recovery	=	113.06%	
50) Toluene-d8	10.32	98	34253	49.31	ug/l	0.00
Spiked Amount			Recovery	=	98.62%	
62) 4-Bromofluorobenzene	12.62	95	7289	29.18	ug/l	0.00
Spiked Amount			Recovery	=	58.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.03	85	20	Below Cal	#	44
3) Chloromethane	2.22	50	178	Below Cal	#	41
11) Tert butyl alcohol	5.16	59	32	Below Cal	#	72
13) Acrolein	3.88	56	52	Below Cal	#	1
15) Acrylonitrile	5.38	53	200	4.253	ug/l #	45
16) Acetone	4.12	43	4954	92.627	ug/l	99
17) Carbon Disulfide	4.38	76	12356	38.129	ug/l	96
20) Methylene Chloride	4.90	84	250	Below Cal	#	46
26) 2,2-Dichloropropane	7.13	77	24	Below Cal	#	55
29) Tetrahydrofuran	7.52	42	225	5.708	ug/l #	53
31) Cyclohexane	7.94	56	618	Below Cal	#	1
36) 1,1-Dichloropropene	7.95	75	1895	7.249	ug/l #	51
38) Carbon Tetrachloride	7.95	117	2289	8.544	ug/l #	15
40) Benzene	8.32	78	8452	11.581	ug/l #	86
49) 1,4-Dioxane	9.37	88	22	14.133	ug/l #	20
52) Toluene	10.39	92	5796	12.498	ug/l	100
67) Ethyl Benzene	11.73	91	6576	9.457	ug/l	99
68) m/p-Xylenes	11.83	106	3361	13.231	ug/l	96
69) o-Xylene	12.17	106	1912	8.029	ug/l	95
70) Styrene	12.18	104	34793	82.128	ug/l	91
73) Isopropylbenzene	12.46	105	1216	3.699	ug/l	91
74) N-amyl acetate	12.30	43	99	1.171	ug/l #	36
76) 1,2,3-Trichloropropane	12.62	75	3678	84.675	ug/l #	100
78) n-propylbenzene	12.81	91	501	1.296	ug/l #	53
79) 2-Chlorotoluene	12.87	91	513	2.308	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.94	105	1668	5.998	ug/l	87
81) trans-1,4-Dichloro-2-buten	12.62	75	3678	192.082	ug/l #	8
83) tert-Butylbenzene	13.25	119	628	2.525	ug/l #	72
84) 1,2,4-Trimethylbenzene	13.25	105	4041	14.706	ug/l	94
86) p-Isopropyltoluene	13.50	119	380	1.221	ug/l #	57
90) Hexachloroethane	14.09	117	200	3.587	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.53	75	49	4.637	ug/l #	1
95) Naphthalene	15.36	128	14318	91.150	ug/l	99

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QLast Update : Fri Sep 13 17:26:01 2019
Response via : Initial Calibration

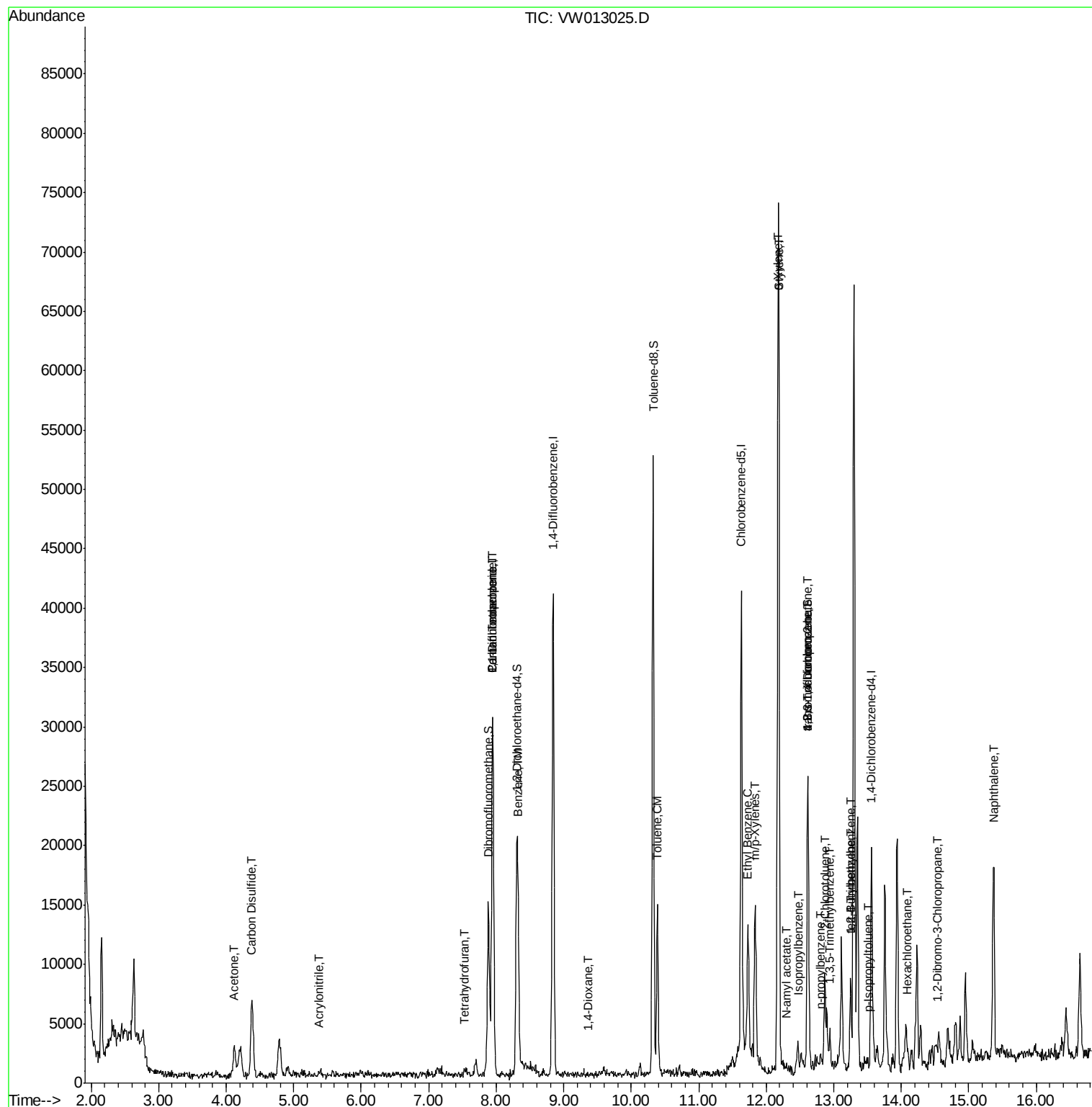
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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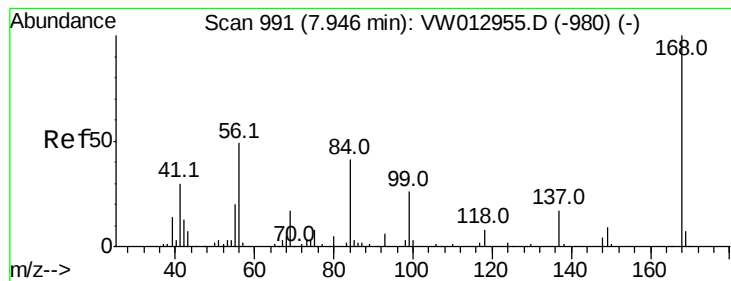
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
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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: VW013025.D

Acq: 15 Sep 2019 06:36

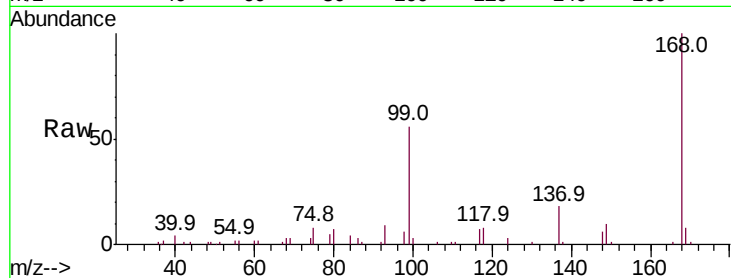
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 23558

Ion Ratio Lower Upper

168 100

99 55.8 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

12000

10000

8000

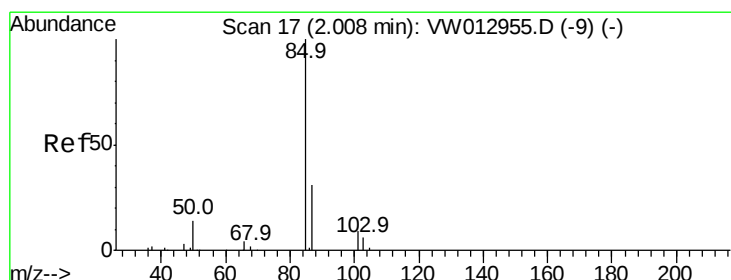
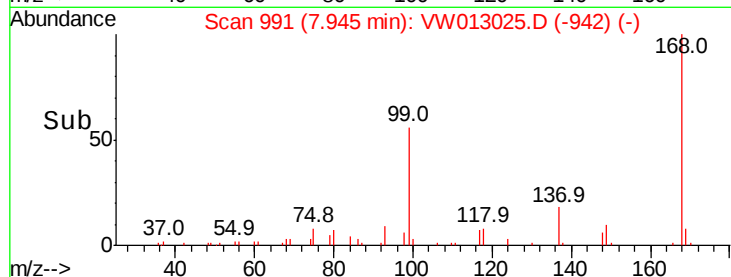
6000

4000

2000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.03 min Scan# 21

Delta R.T. 0.02 min

Lab File: VW013025.D

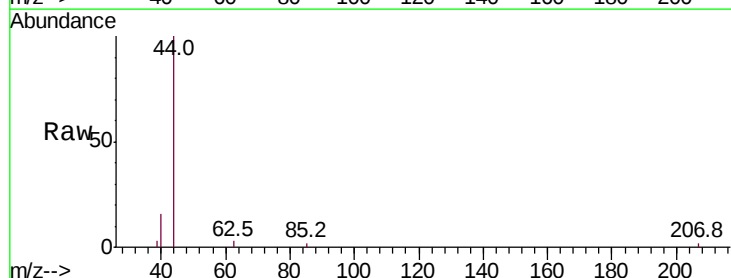
Acq: 15 Sep 2019 06:36

Tgt Ion: 85 Resp: 20

Ion Ratio Lower Upper

85 100

87 0.0 15.4 46.4#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.03

60

50

40

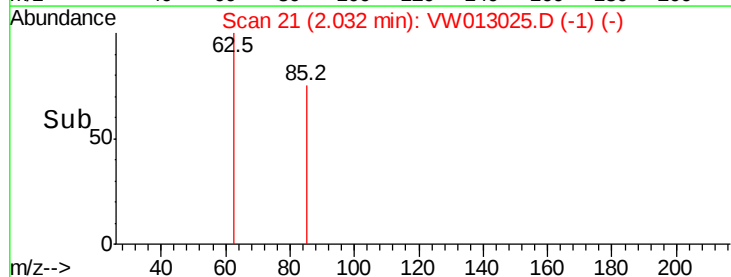
30

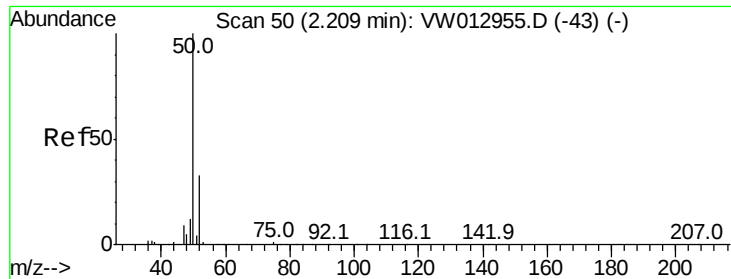
20

10

0

Time-->





#3

Chloromethane

Concen: Below Cal

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW013025.D

Acq: 15 Sep 2019 06:36

Instrument :

MSVOA_W

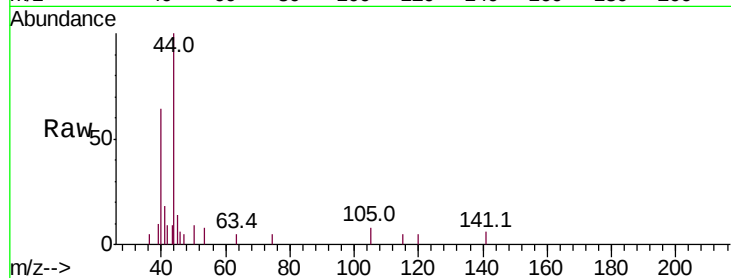
ClientSampled :

Tot Ion: 50 Resp: 178

Ion Ratio Lower Upper

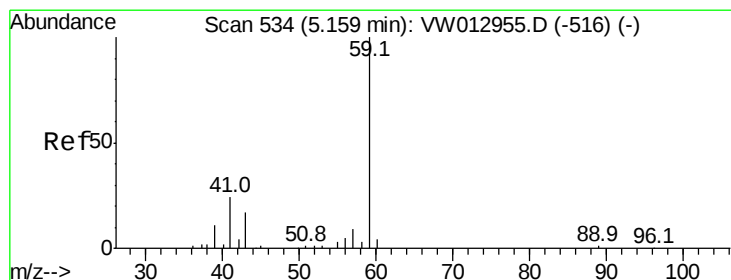
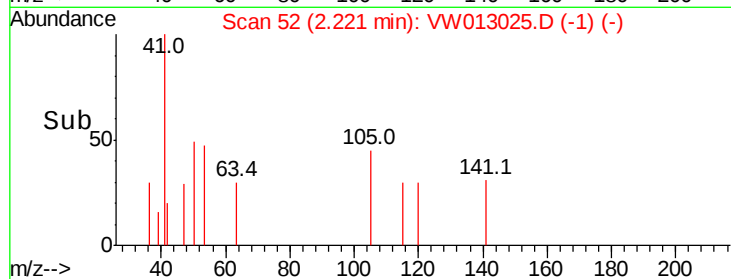
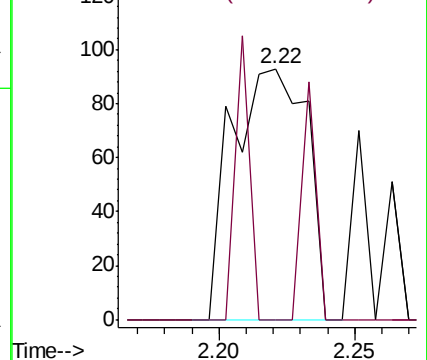
50 100

52 0.0 26.6 39.8#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.16 min Scan# 534

Delta R.T. 0.00 min

Lab File: VW013025.D

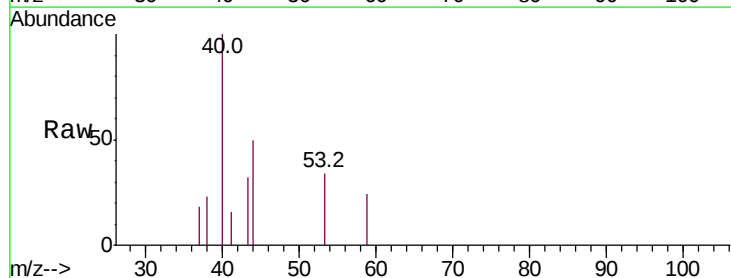
Acq: 15 Sep 2019 06:36

Tgt Ion: 59 Resp: 32

Ion Ratio Lower Upper

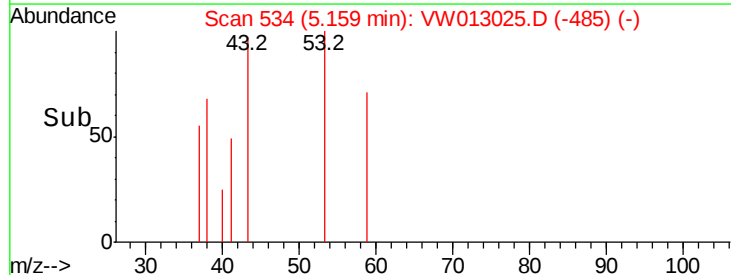
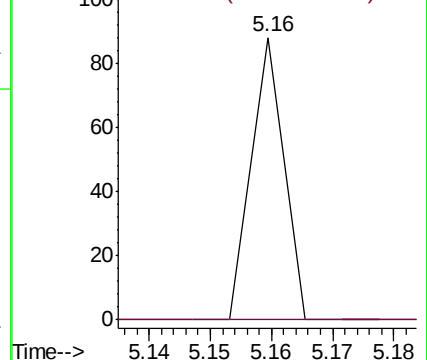
59 100

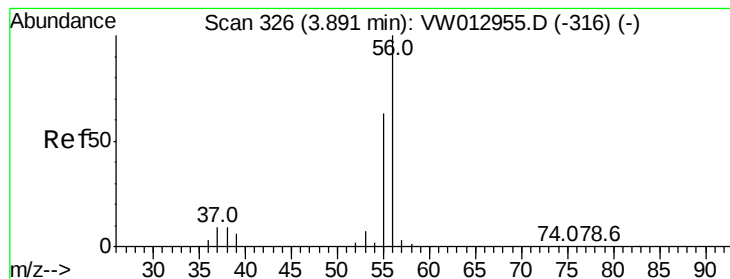
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: Below Cal

RT: 3.88 min Scan# 324

Delta R.T. -0.01 min

Lab File: VW013025.D

Acq: 15 Sep 2019 06:36

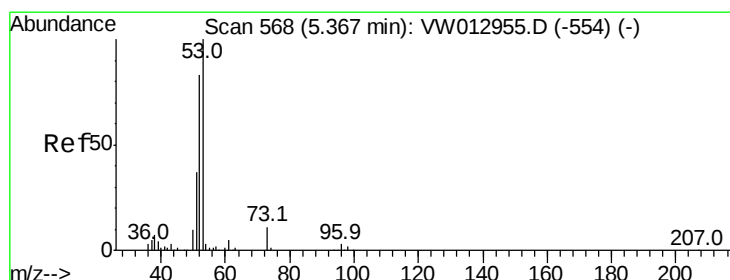
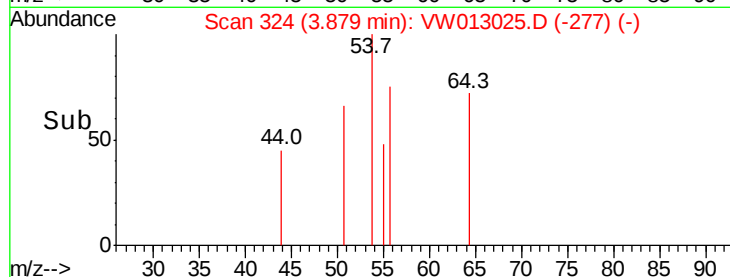
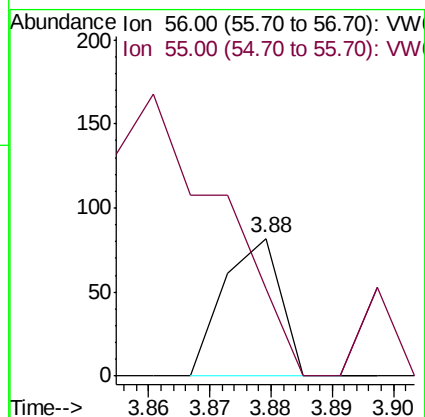
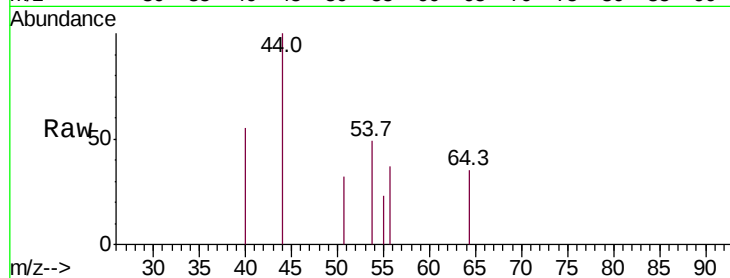
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 52

Ion Ratio Lower Upper

56 100

55 400.0 55.8 83.8#



#15

Acrylonitrile

Concen: 4.253 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW013025.D

Acq: 15 Sep 2019 06:36

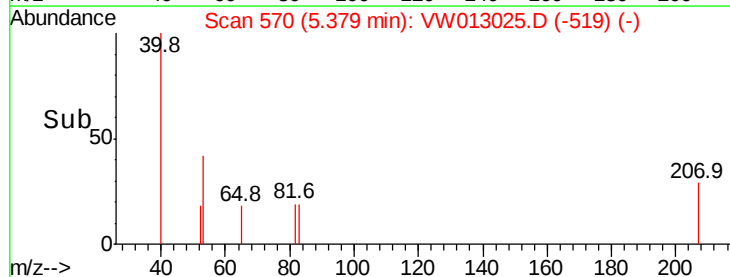
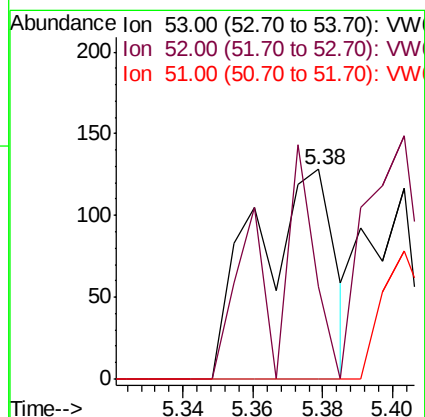
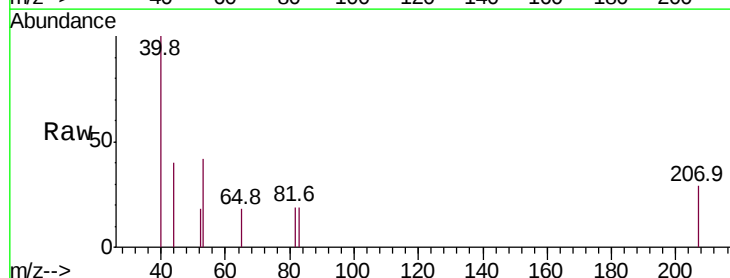
Tgt Ion: 53 Resp: 200

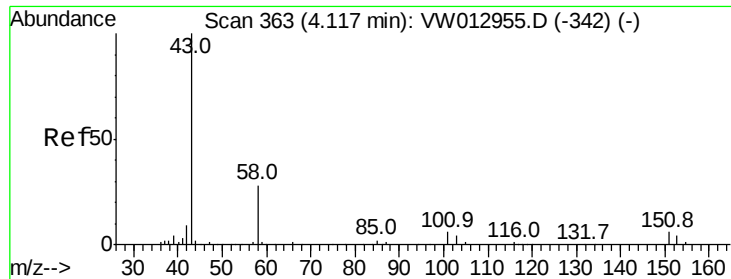
Ion Ratio Lower Upper

53 100

52 36.5 66.6 100.0#

51 0.0 29.8 44.8#





#16

Acetone

Concen: 92.627 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW013025.D

Acq: 15 Sep 2019 06:36

Instrument :

MSVOA_W

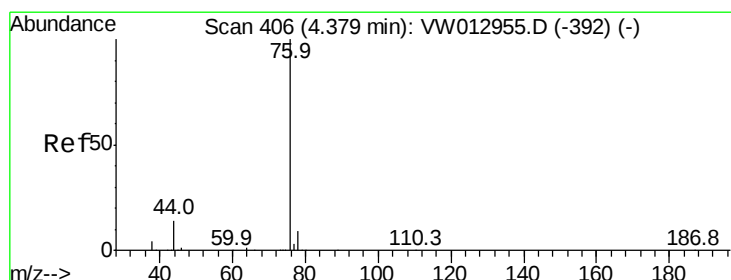
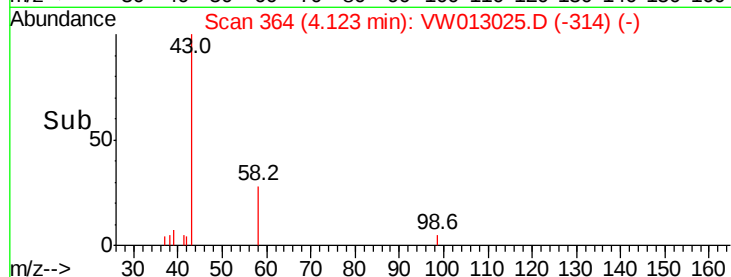
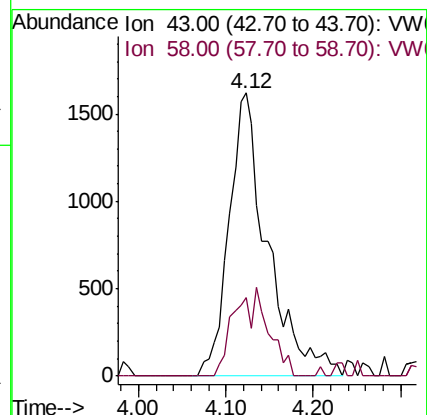
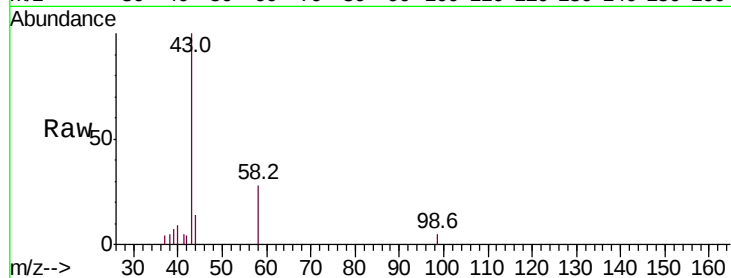
ClientSampleId :

Tot Ion: 43 Resp: 4954

Ion Ratio Lower Upper

43 100

58 27.6 22.3 33.5



#17

Carbon Disulfide

Concen: 38.129 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW013025.D

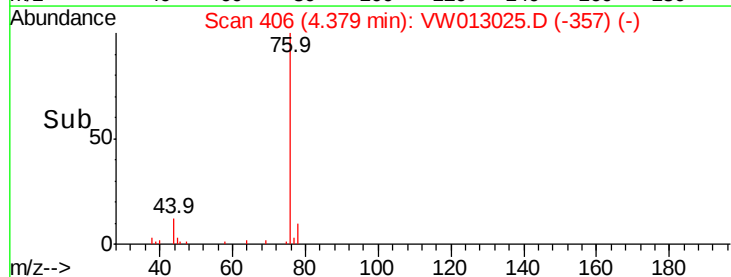
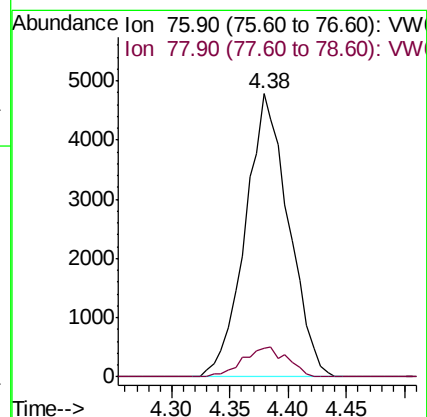
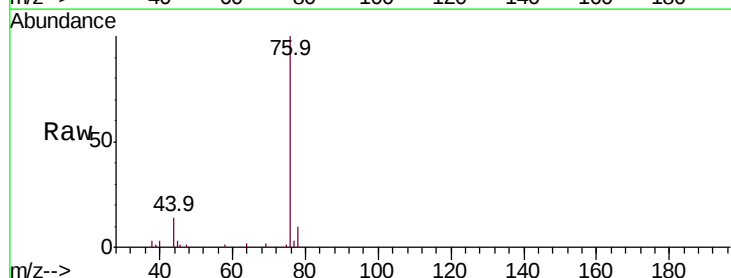
Acq: 15 Sep 2019 06:36

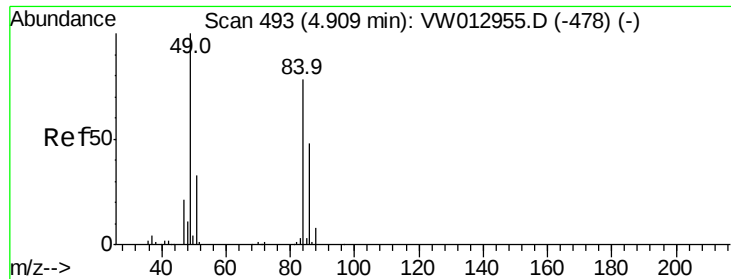
Tgt Ion: 76 Resp: 12356

Ion Ratio Lower Upper

76 100

78 10.0 7.0 10.4

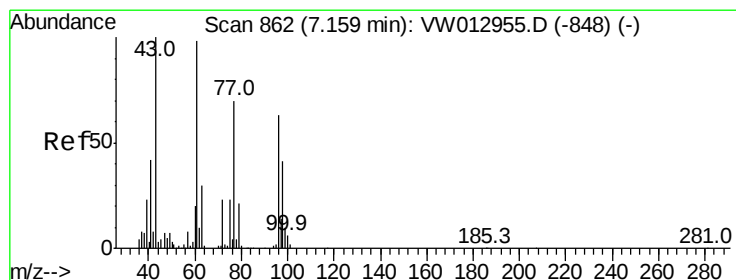
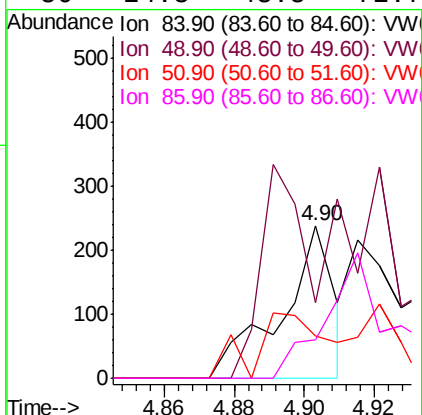
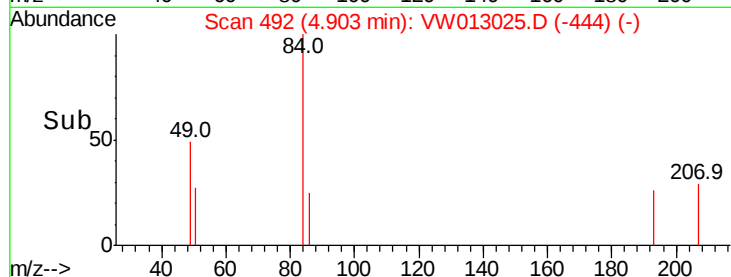
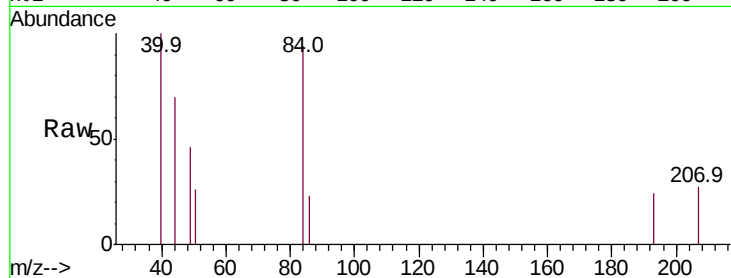




#20
Methylene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW013025.D
Acq: 15 Sep 2019 06:36

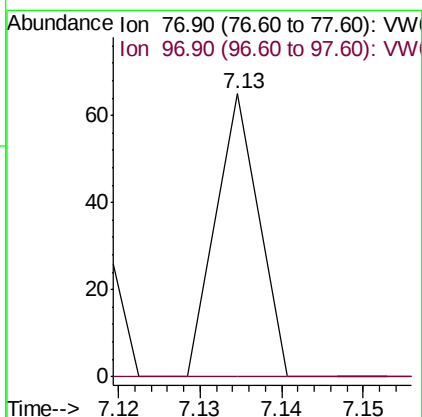
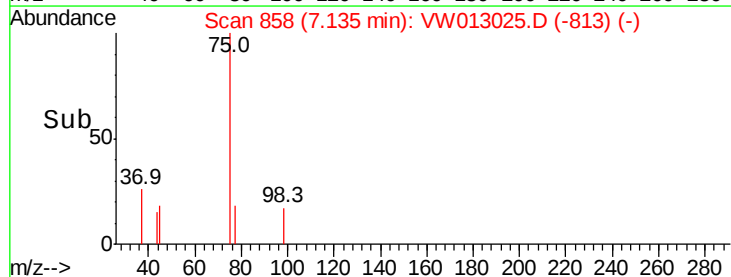
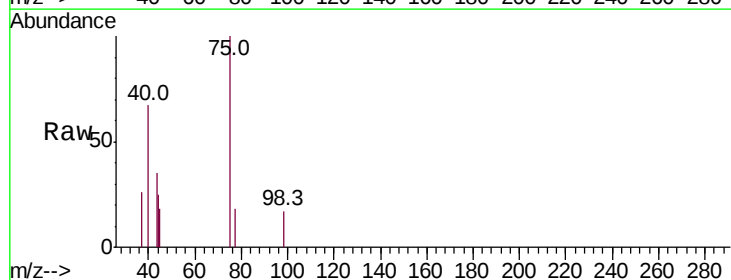
Instrument :
MSVOA_W
ClientSampled :

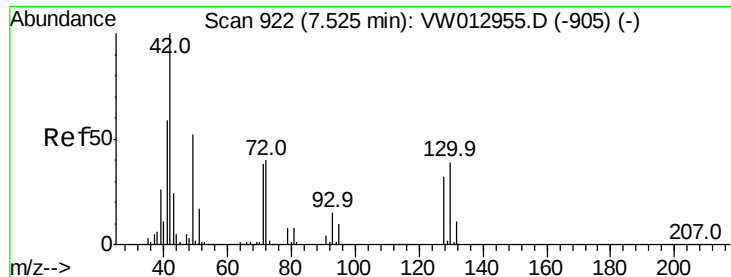
Tot Ion: 84 Resp: 250
Ion Ratio Lower Upper
84 100
49 49.2 102.0 153.0#
51 27.3 34.0 51.0#
86 24.8 48.5 72.7#



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.13 min Scan# 858
Delta R.T. -0.02 min
Lab File: VW013025.D
Acq: 15 Sep 2019 06:36

Tgt Ion: 77 Resp: 24
Ion Ratio Lower Upper
77 100
97 0.0 10.7 32.1#

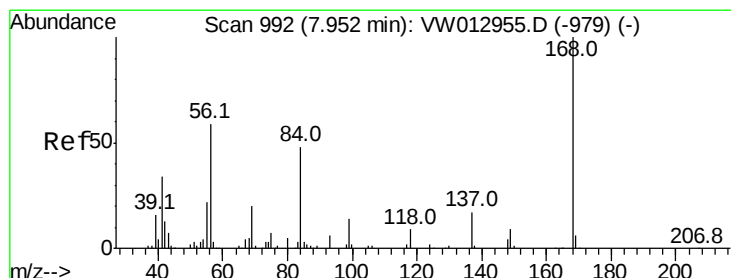
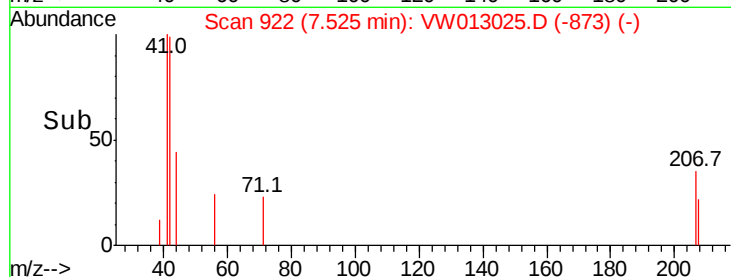
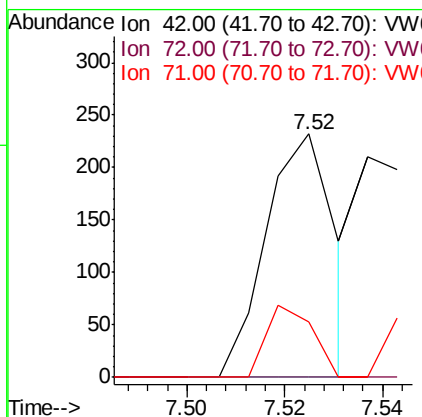
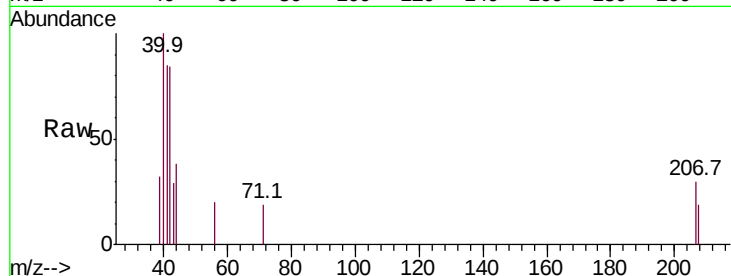




#29
Tetrahydrofuran
Concen: 5.708 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW013025.D
Acq: 15 Sep 2019 06:36

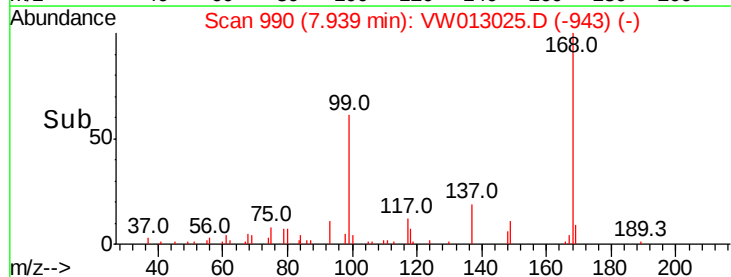
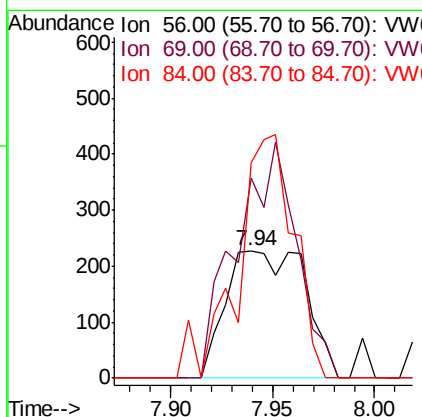
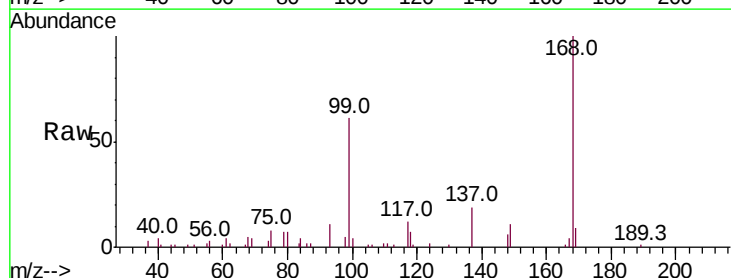
Instrument :
MSVOA_W
ClientSampleId :

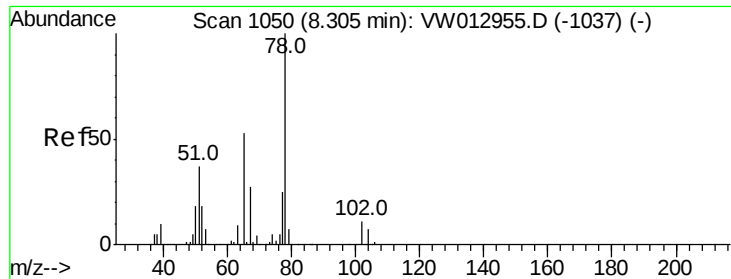
Tot Ion: 42 Resp: 225
Ion Ratio Lower Upper
42 100
72 0.0 31.4 47.0#
71 20.0 29.8 44.8#



#31
Cyclohexane
Concen: Below Cal
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW013025.D
Acq: 15 Sep 2019 06:36

Tgt Ion: 56 Resp: 618
Ion Ratio Lower Upper
56 100
69 157.0 27.0 40.6#
84 168.4 66.2 99.2#





#33

1,2-Dichloroethane-d4

Concen: 57.291 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013025.D

Acq: 15 Sep 2019 06:36

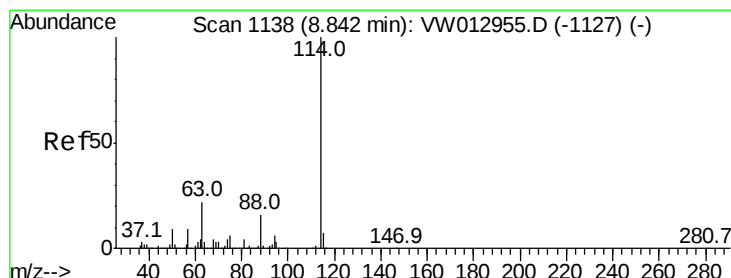
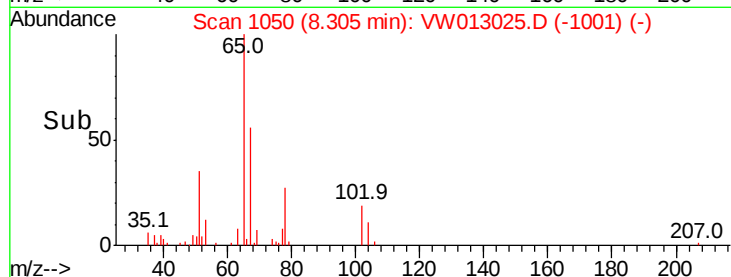
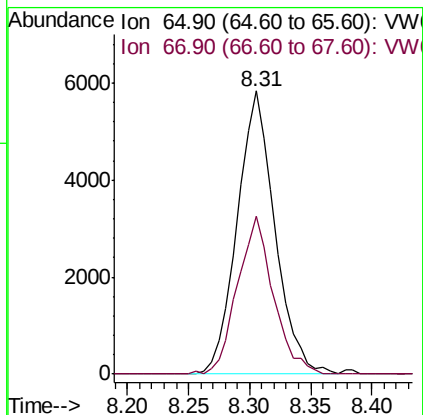
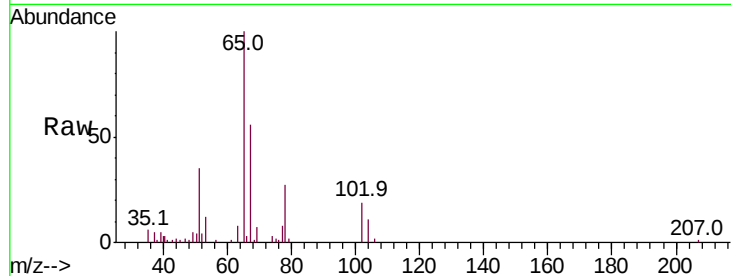
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 65 Resp: 12465

Ion Ratio Lower Upper

65 100

67 53.1 0.0 101.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013025.D

Acq: 15 Sep 2019 06:36

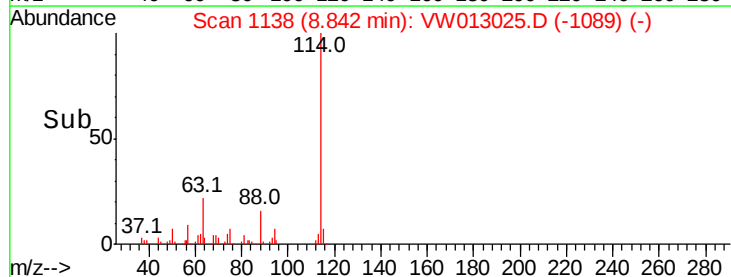
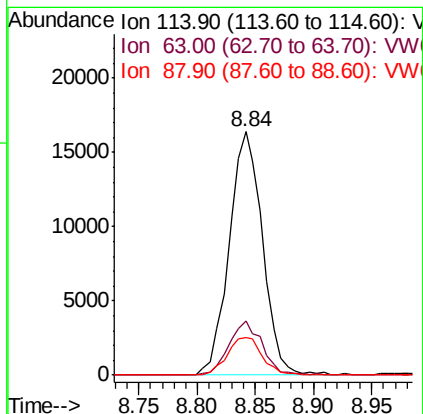
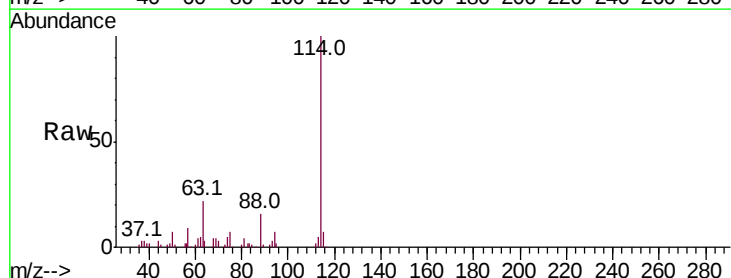
Tgt Ion: 114 Resp: 32716

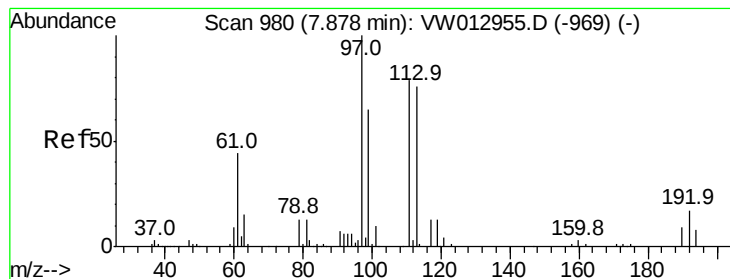
Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.4

88 15.5 0.0 31.6





#35

Dibromofluoromethane

Concen: 56.529 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW013025.D

Acq: 15 Sep 2019 06:36

Instrument :

MSVOA_W

ClientSampleId :

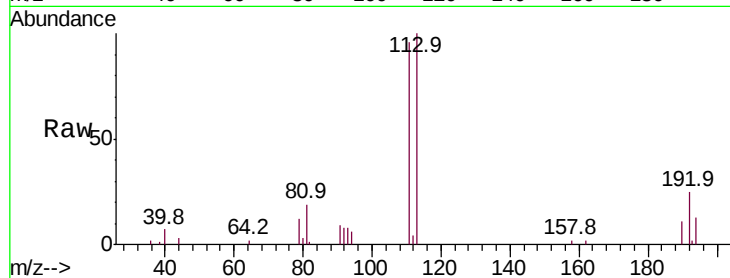
Tot Ion:113 Resp: 10035

Ion Ratio Lower Upper

113 100

111 103.7 82.8 124.2

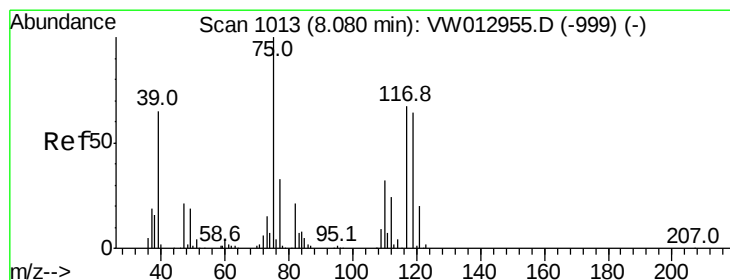
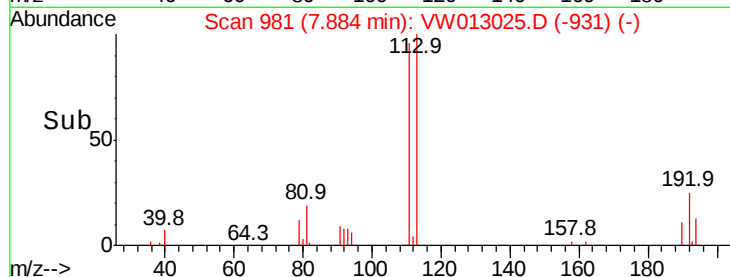
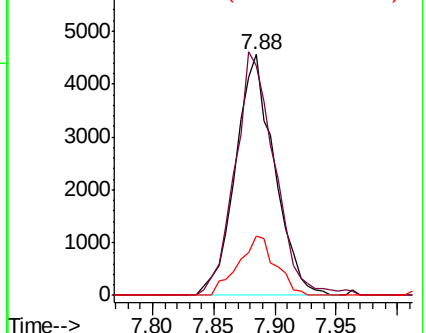
192 23.6 17.8 26.8



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: 7.249 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW013025.D

Acq: 15 Sep 2019 06:36

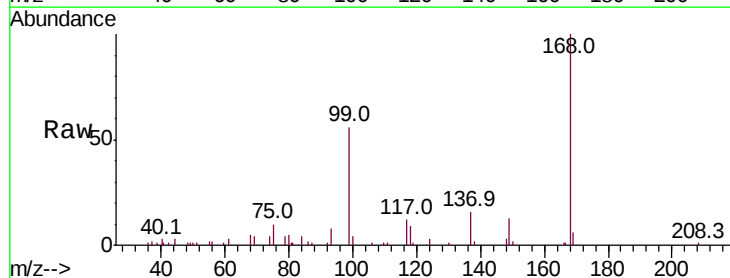
Tgt Ion: 75 Resp: 1895

Ion Ratio Lower Upper

75 100

110 9.3 16.4 49.1#

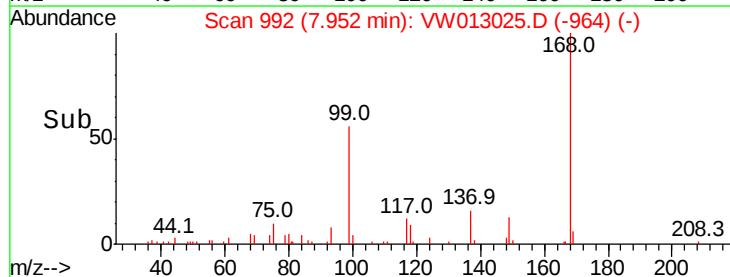
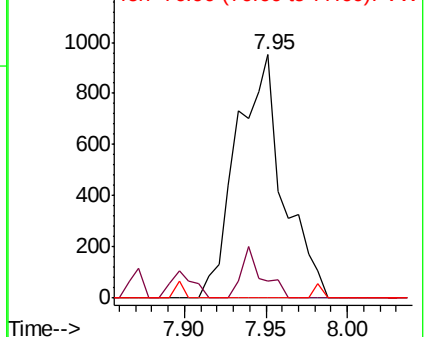
77 0.0 25.1 37.7#

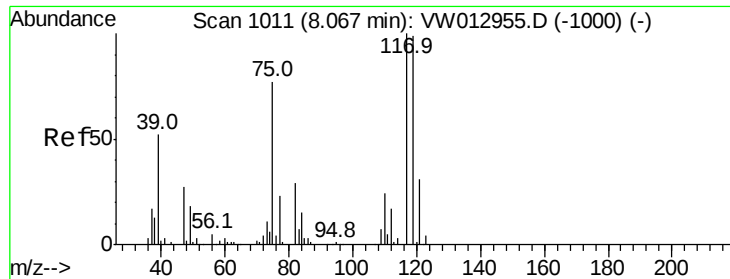


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

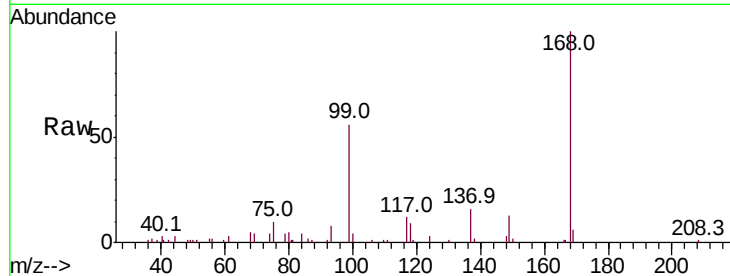




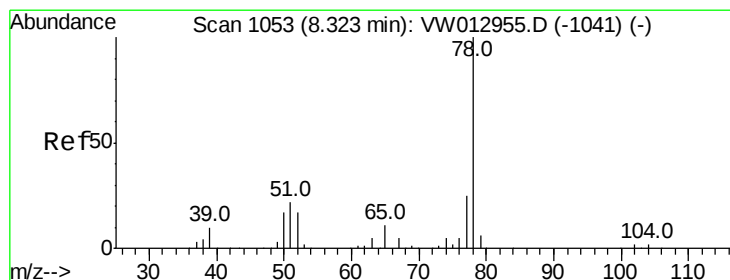
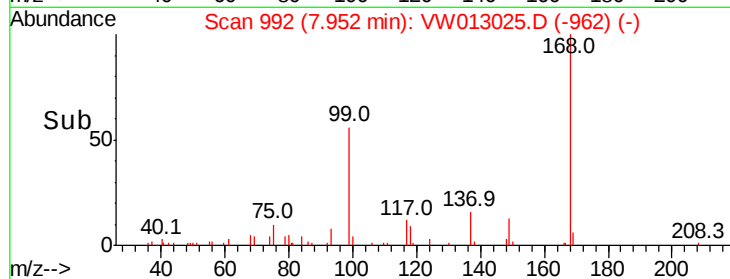
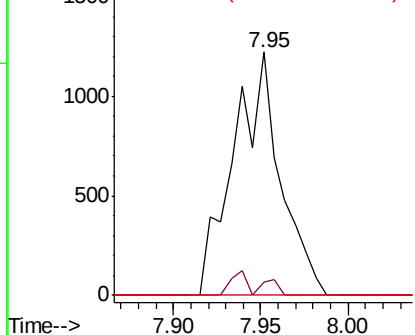
#38
Carbon Tetrachloride
Concen: 8.544 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW013025.D
Acq: 15 Sep 2019 06:36

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 2289
Ion Ratio Lower Upper
117 100
119 5.6 79.4 119.0#
121 0.0 24.6 36.8#

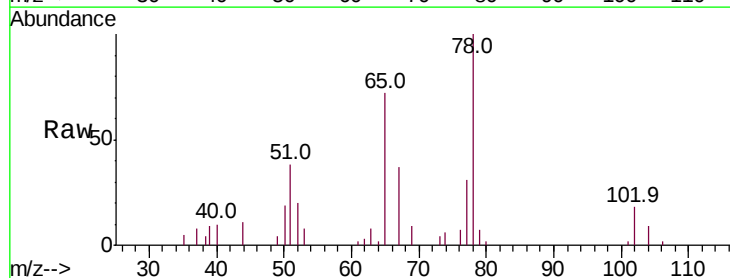


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

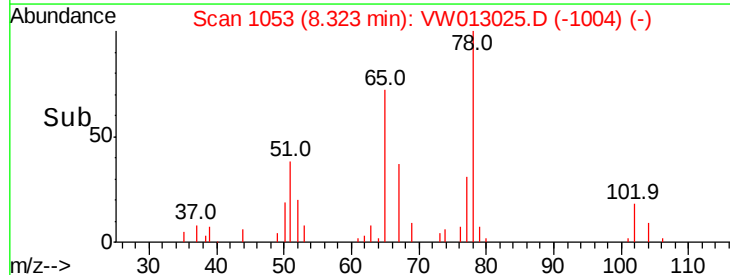
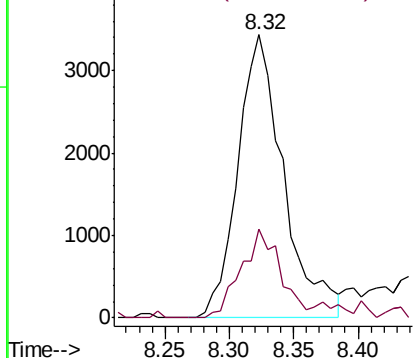


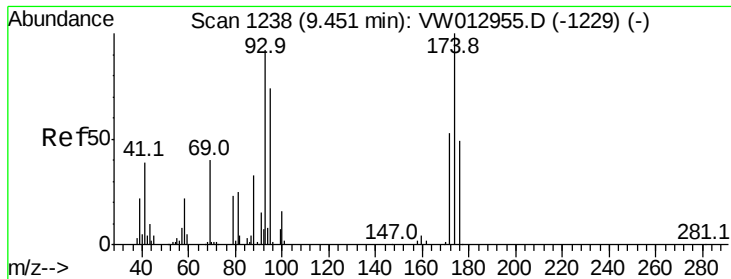
#40
Benzene
Concen: 11.581 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW013025.D
Acq: 15 Sep 2019 06:36

Tgt Ion: 78 Resp: 8452
Ion Ratio Lower Upper
78 100
77 31.5 19.6 29.4#



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW

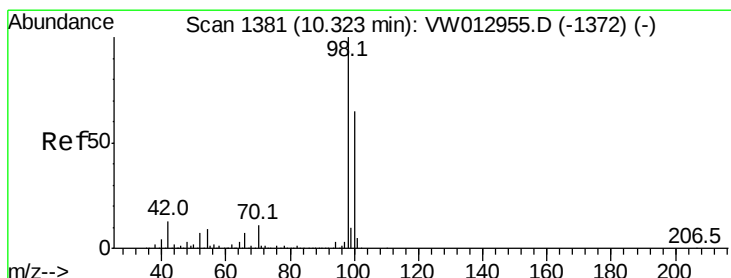
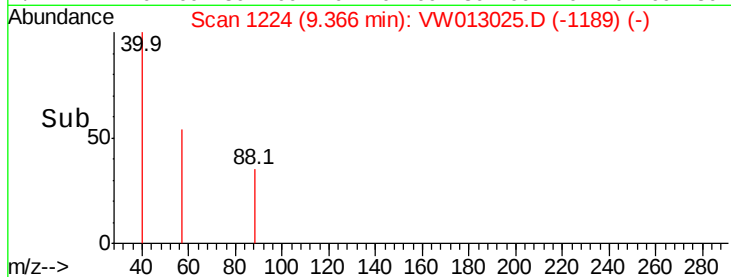
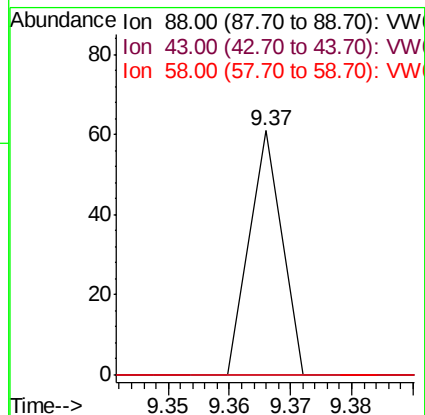
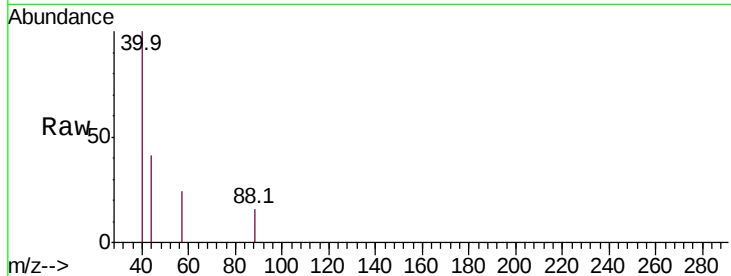




#49
1,4-Dioxane
Concen: 14.133 ug/l
RT: 9.37 min Scan# 1224
Delta R.T. -0.09 min
Lab File: VW013025.D
Acq: 15 Sep 2019 06:36

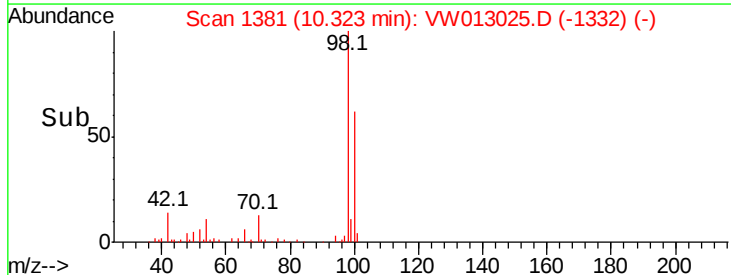
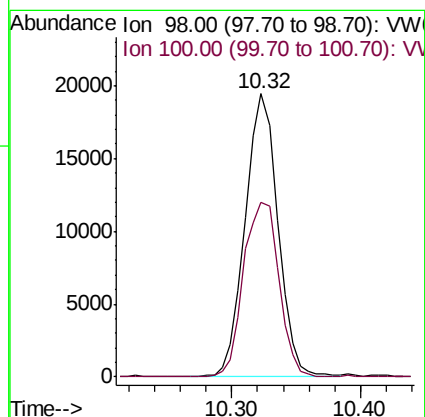
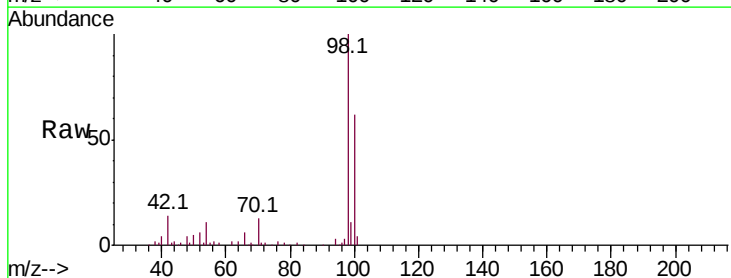
Instrument :
MSVOA_W
ClientSampleId :

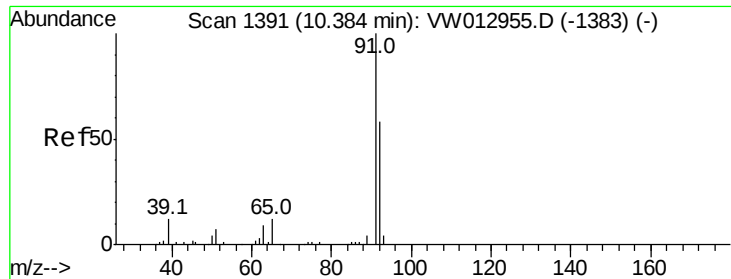
Tot Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 0.0 31.3 46.9#
58 0.0 60.2 90.2#



#50
Toluene-d8
Concen: 49.309 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013025.D
Acq: 15 Sep 2019 06:36

Tgt Ion: 98 Resp: 34253
Ion Ratio Lower Upper
98 100
100 66.3 52.1 78.1





#52

Toluene

Concen: 12.498 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW013025.D

Acq: 15 Sep 2019 06:36

Instrument :

MSVOA_W

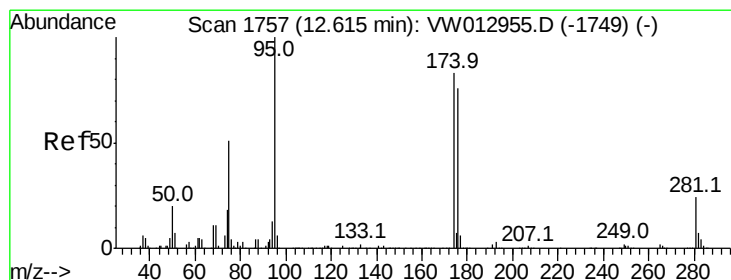
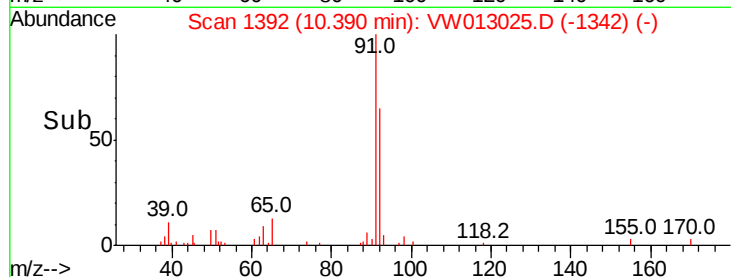
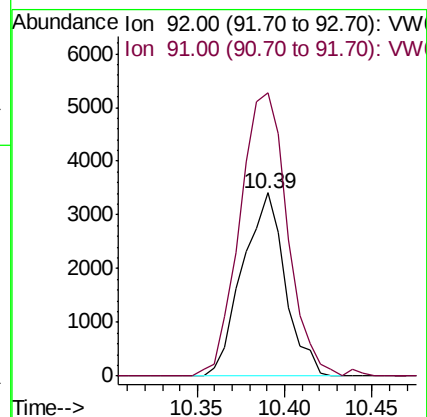
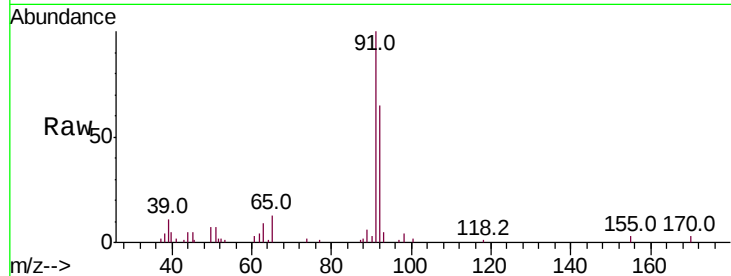
ClientSampleId :

Tot Ion: 92 Resp: 5796

Ion Ratio Lower Upper

92 100

91 172.0 137.5 206.3



#62

4-Bromofluorobenzene

Concen: 29.181 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013025.D

Acq: 15 Sep 2019 06:36

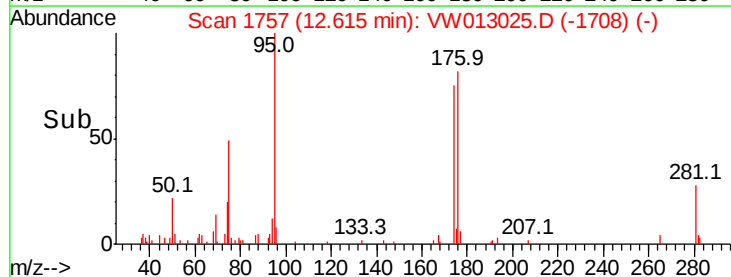
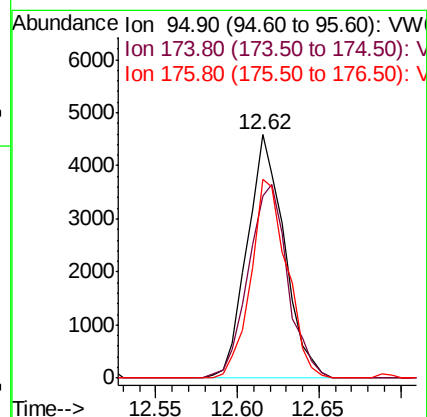
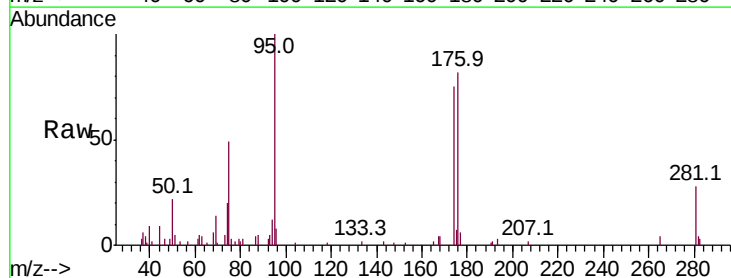
Tgt Ion: 95 Resp: 7289

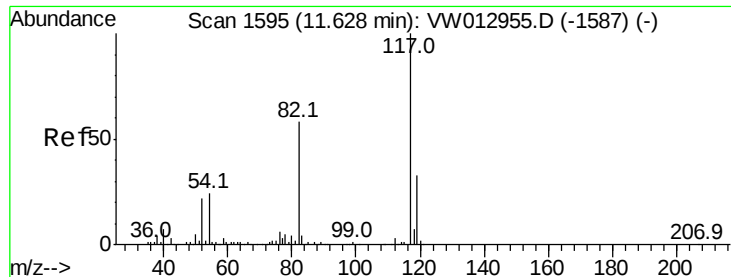
Ion Ratio Lower Upper

95 100

174 84.3 0.0 170.4

176 79.6 0.0 164.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VW013025.D

Acq: 15 Sep 2019 06:36

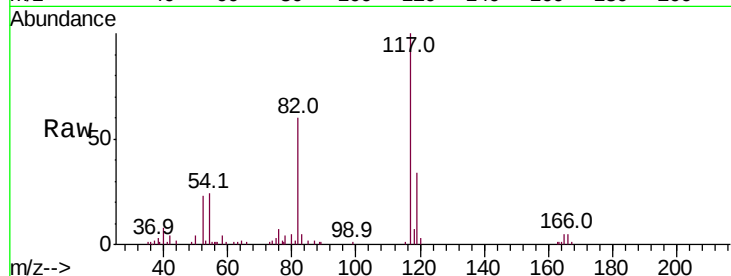
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:117 Resp: 21137

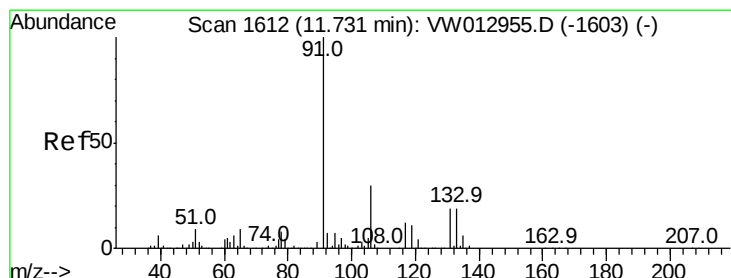
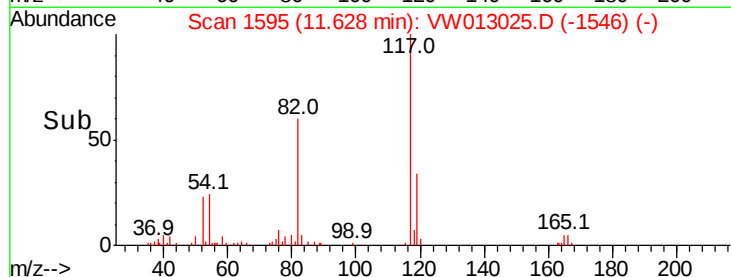
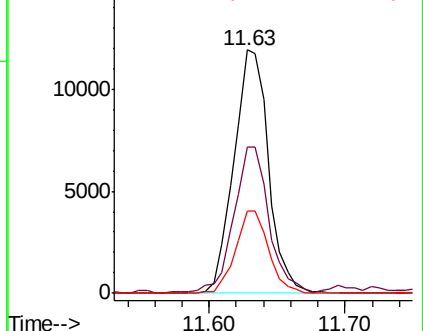
Ion	Ratio	Lower	Upper
117	100		
82	59.2	46.3	69.5
119	33.7	26.2	39.4



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



#67

Ethyl Benzene

Concen: 9.457 ug/l

RT: 11.73 min Scan# 1611

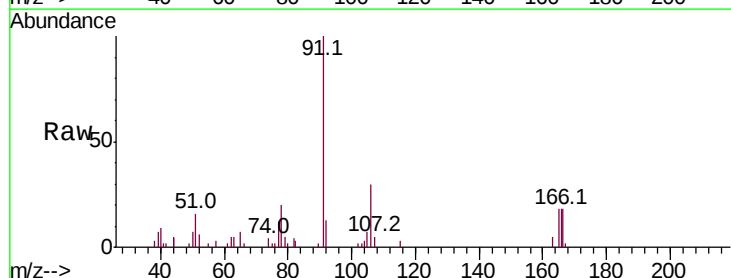
Delta R.T. -0.01 min

Lab File: VW013025.D

Acq: 15 Sep 2019 06:36

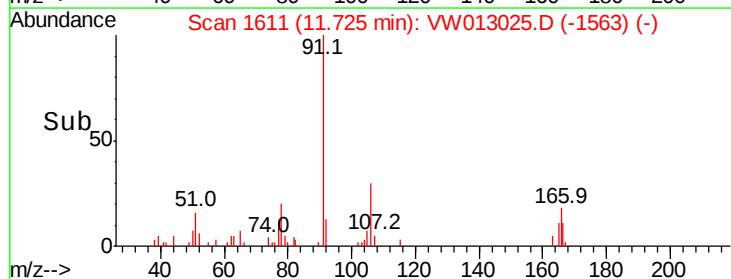
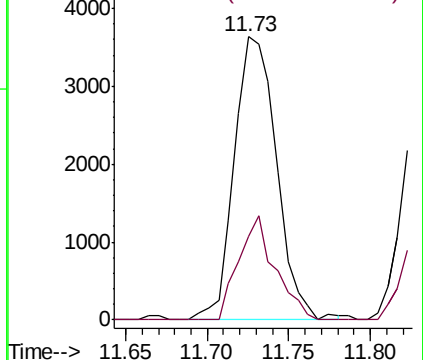
Tgt Ion: 91 Resp: 6576

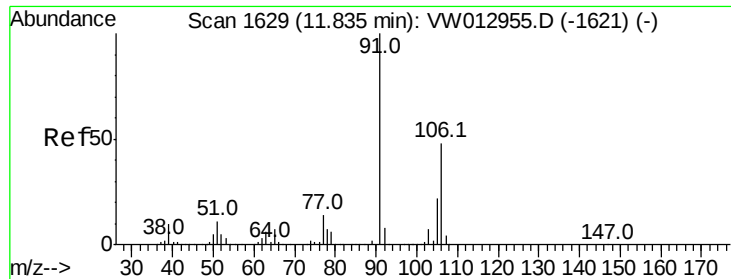
Ion	Ratio	Lower	Upper
91	100		
106	29.8	24.3	36.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V

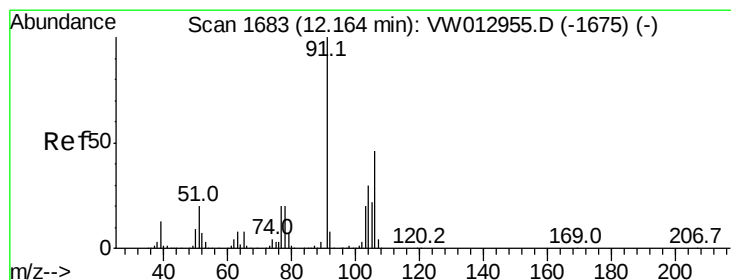
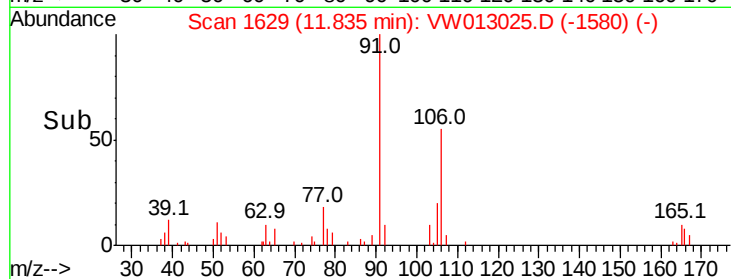
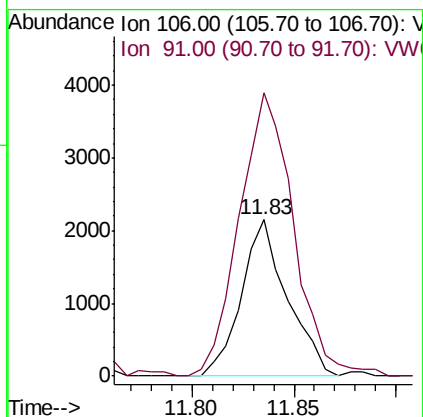
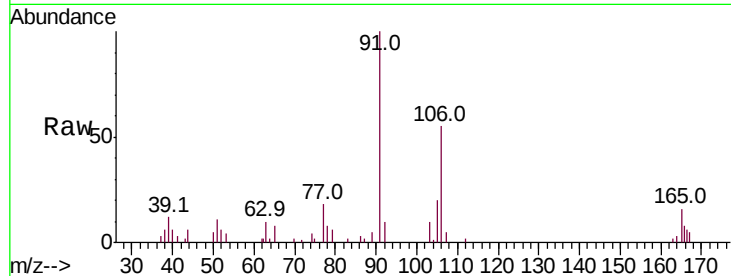




#68
m/p-Xylenes
Concen: 13.231 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW013025.D
Acq: 15 Sep 2019 06:36

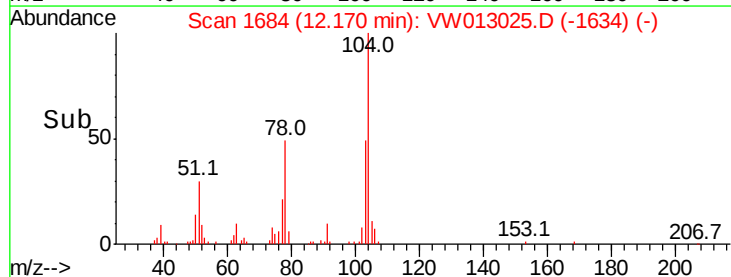
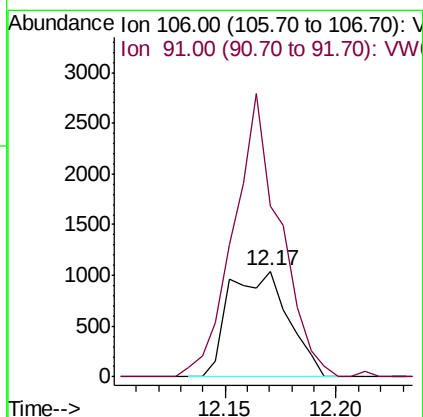
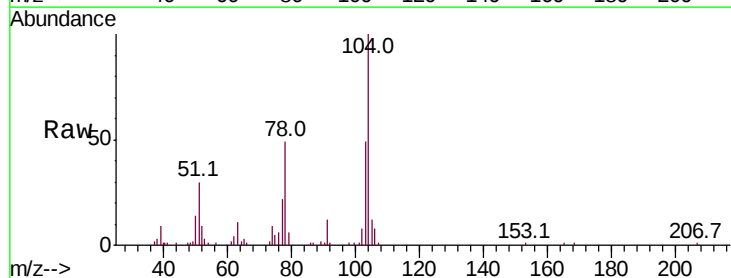
Instrument :
MSVOA_W
ClientSampled :

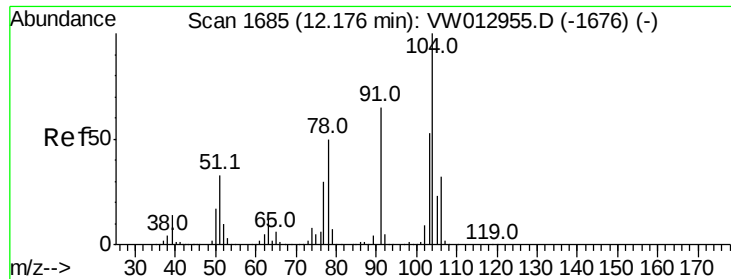
Tot Ion:106 Resp: 3361
Ion Ratio Lower Upper
106 100
91 214.2 165.8 248.8



#69
o-Xylene
Concen: 8.029 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW013025.D
Acq: 15 Sep 2019 06:36

Tgt Ion:106 Resp: 1912
Ion Ratio Lower Upper
106 100
91 211.5 109.7 329.0

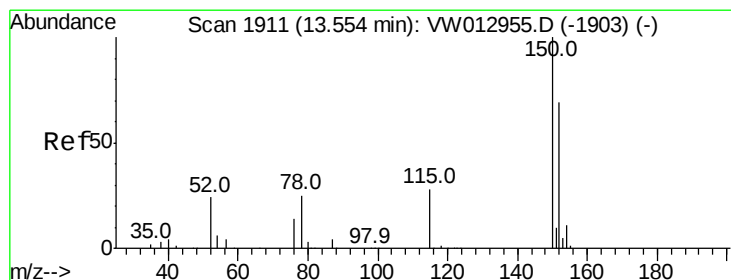
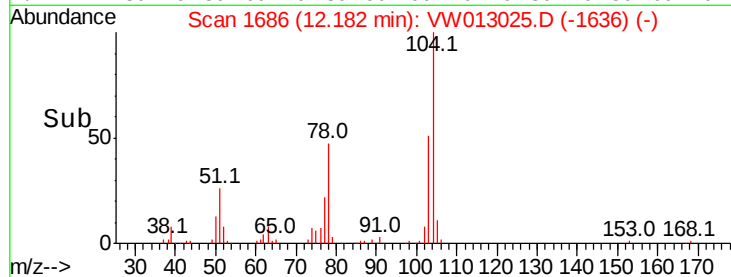
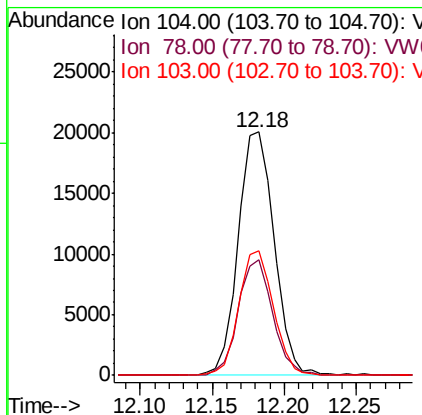
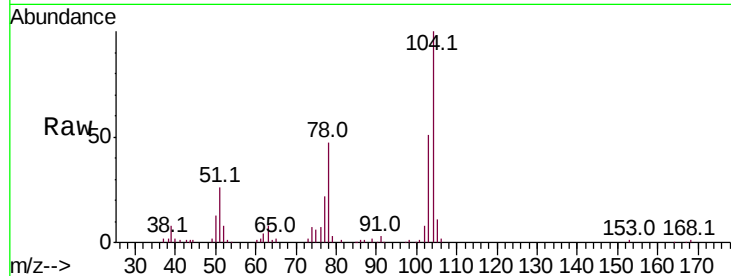




#70
Stvrene
Concen: 82.128 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VW013025.D
Acq: 15 Sep 2019 06:36

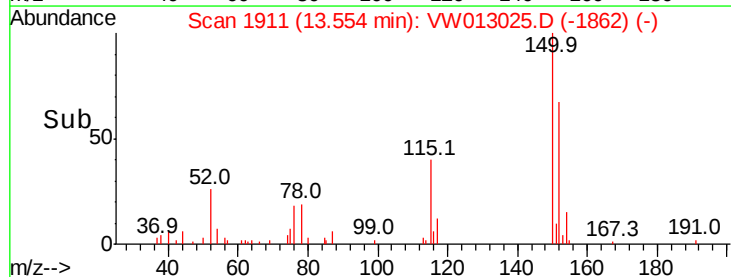
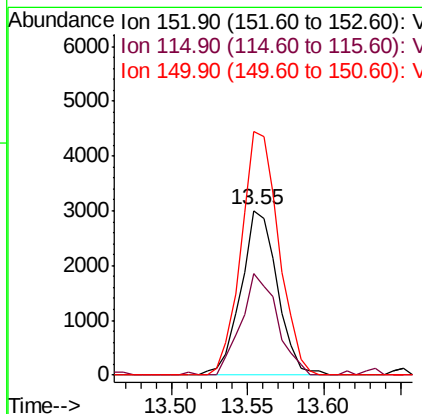
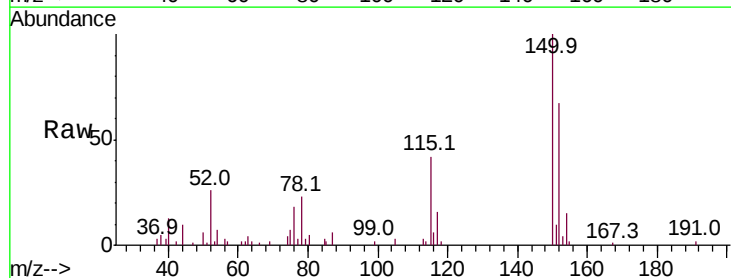
Instrument :
MSVOA_W
ClientSampleId :

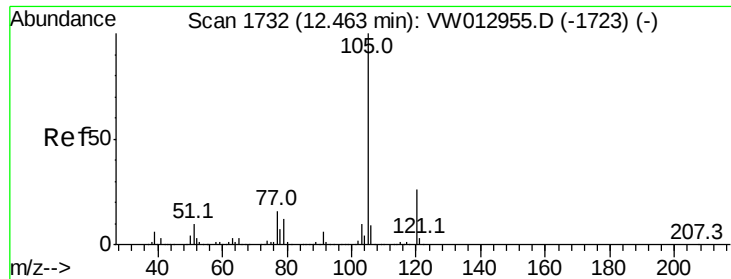
Tot Ion:104 Resp: 34793
Ion Ratio Lower Upper
104 100
78 45.6 42.1 63.1
103 49.2 44.2 66.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.00 min
Lab File: VW013025.D
Acq: 15 Sep 2019 06:36

Tgt Ion:152 Resp: 4959
Ion Ratio Lower Upper
152 100
115 61.4 28.8 86.4
150 152.0 0.0 340.2





#73

Isopropylbenzene

Concen: 3.699 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW013025.D

Acq: 15 Sep 2019 06:36

Instrument :

MSVOA_W

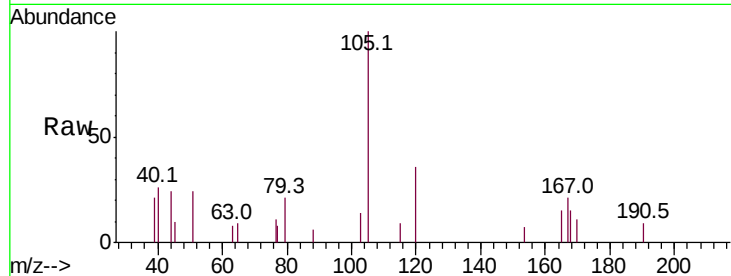
ClientSampled :

Tot Ion:105 Resp: 1216

Ion Ratio Lower Upper

105 100

120 30.8 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

800

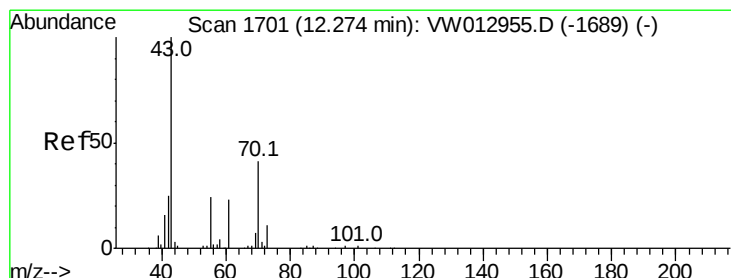
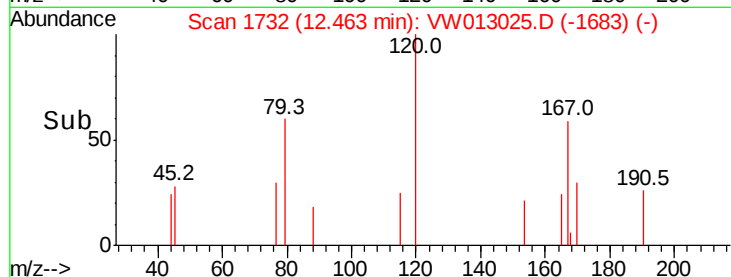
600

400

200

0

Time--> 12.40 12.45 12.50



#74

N-ethyl acetate

Concen: 1.171 ug/l

RT: 12.30 min Scan# 1706

Delta R.T. 0.03 min

Lab File: VW013025.D

Acq: 15 Sep 2019 06:36

Tgt Ion: 43 Resp: 99

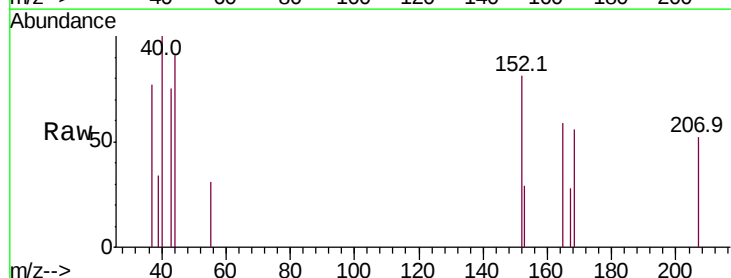
Ion Ratio Lower Upper

43 100

70 0.0 31.7 47.5#

55 62.6 19.4 29.2#

61 0.0 18.7 28.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

200

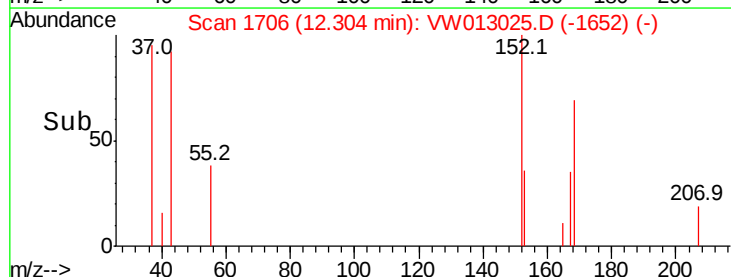
150

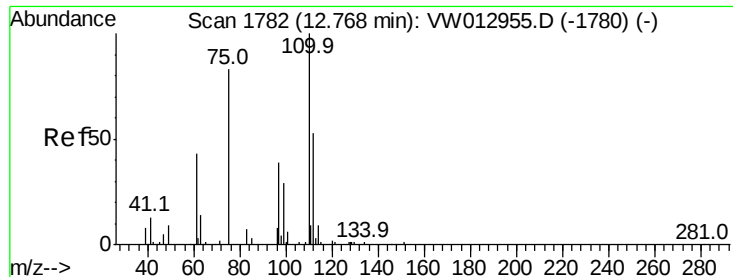
100

50

0

Time--> 12.28 12.30 12.32





#76

1,2,3-Trichloropropane

Concen: 84.675 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013025.D

Acq: 15 Sep 2019 06:36

Instrument :

MSVOA_W

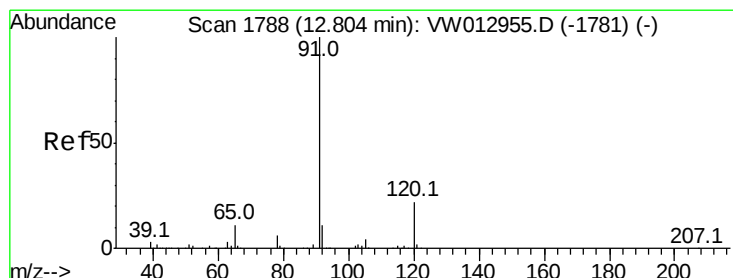
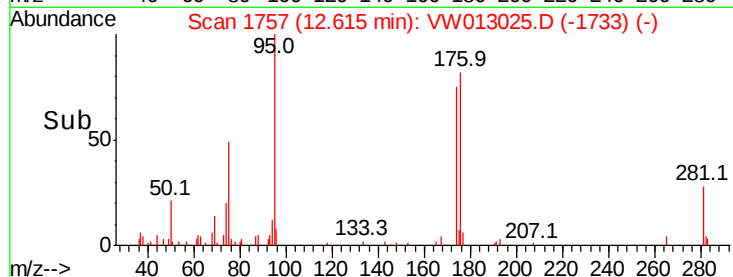
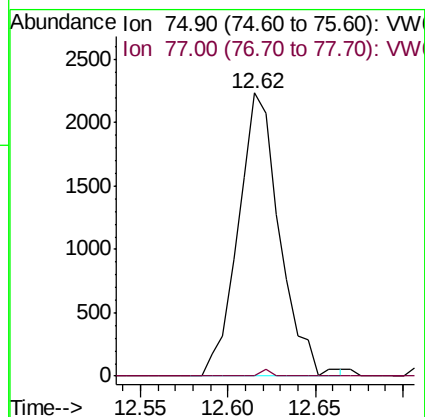
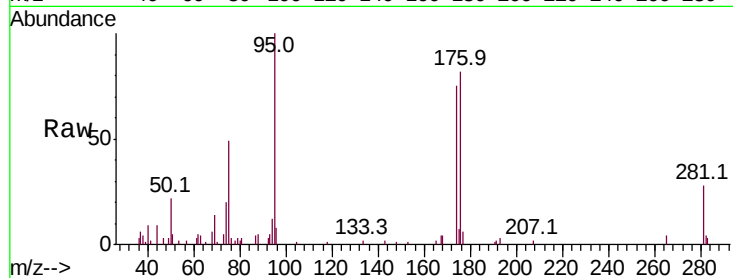
ClientSampleId :

Tot Ion: 75 Resp: 3678

Ion Ratio Lower Upper

75 100

77 0.6 0.0 0.0#



#78

n-propylbenzene

Concen: 1.296 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VW013025.D

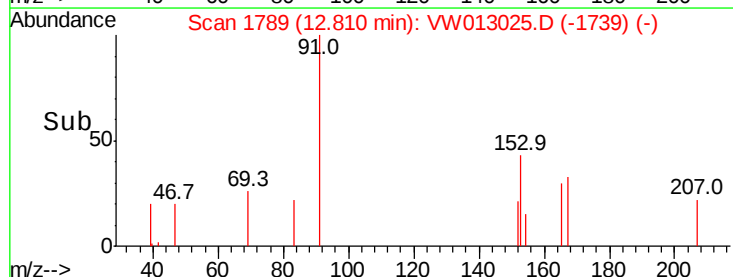
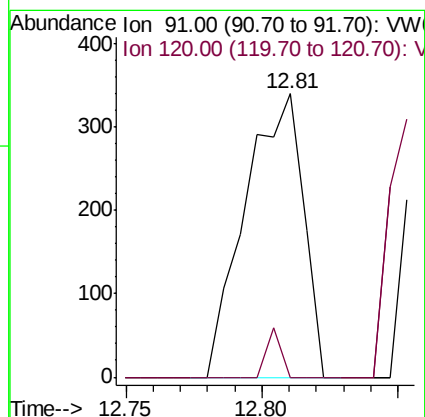
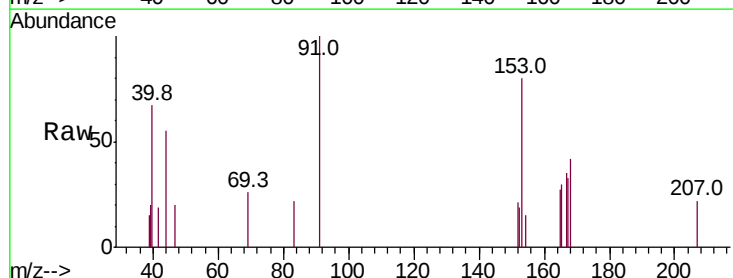
Acq: 15 Sep 2019 06:36

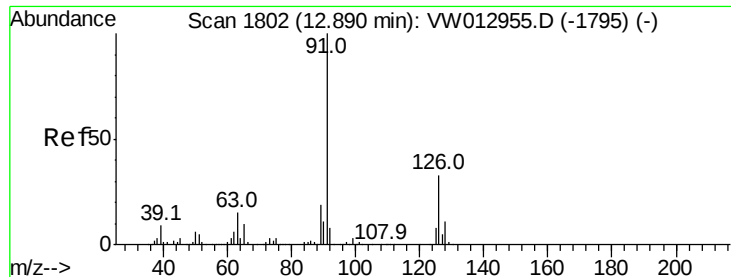
Tgt Ion: 91 Resp: 501

Ion Ratio Lower Upper

91 100

120 0.0 11.2 33.5#

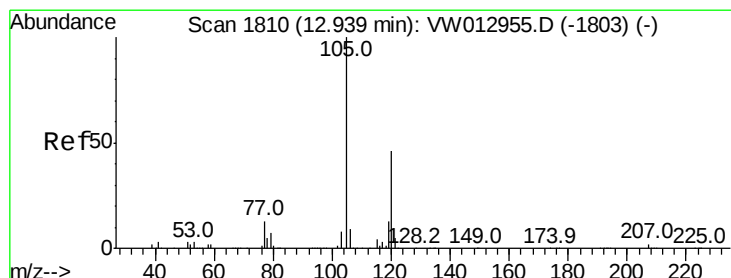
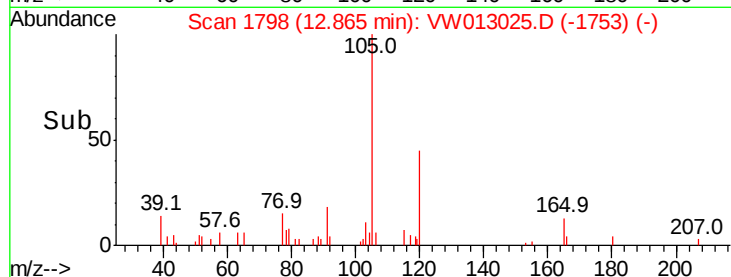
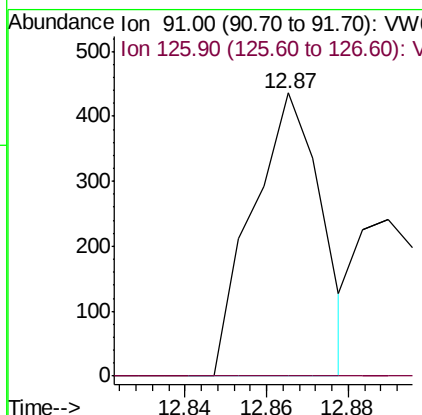
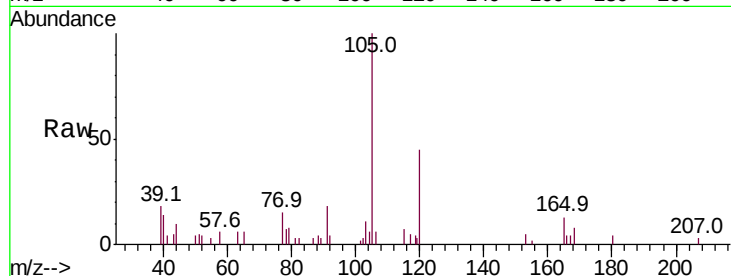




#79
 2-Chlorotoluene
 Concen: 2.308 ug/l
 RT: 12.87 min Scan# 1798
 Delta R.T. -0.02 min
 Lab File: VW013025.D
 Acq: 15 Sep 2019 06:36

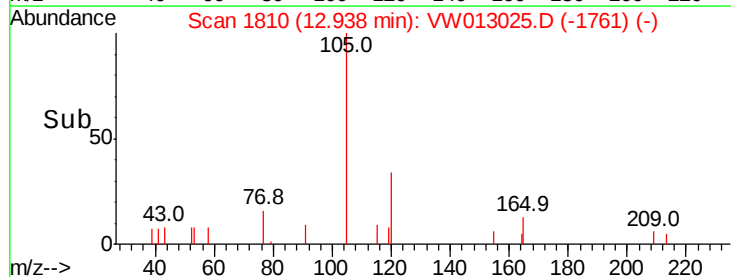
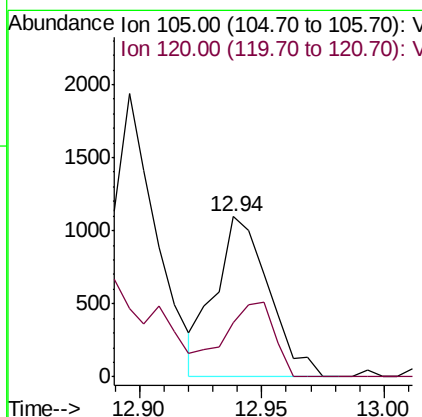
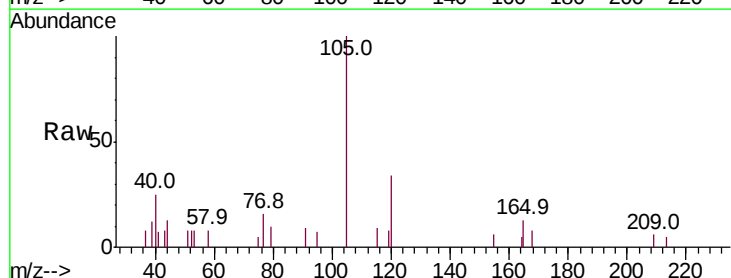
Instrument :
 MSVOA_W
 ClientSampleId :

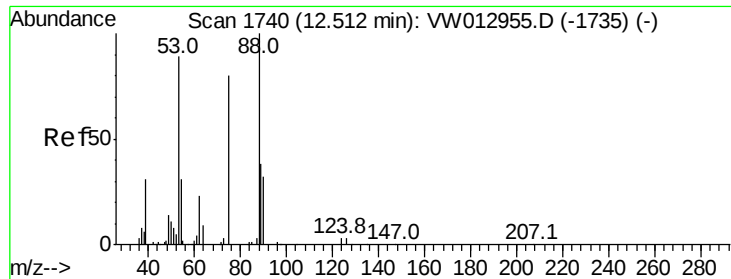
Tot Ion: 91 Resp: 513
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.5 49.5#



#80
 1,3,5-Trimethylbenzene
 Concen: 5.998 ug/l
 RT: 12.94 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW013025.D
 Acq: 15 Sep 2019 06:36

Tgt Ion:105 Resp: 1668
 Ion Ratio Lower Upper
 105 100
 120 39.7 24.2 72.6

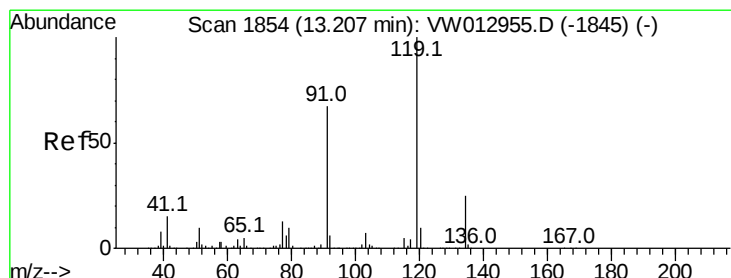
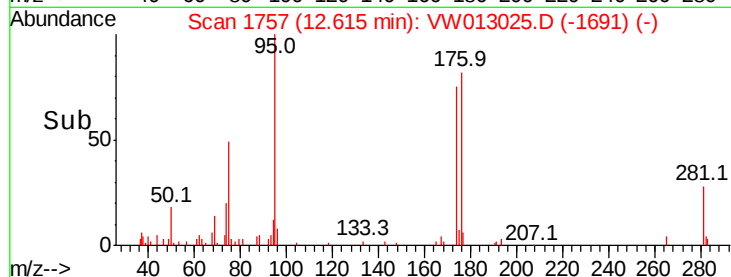
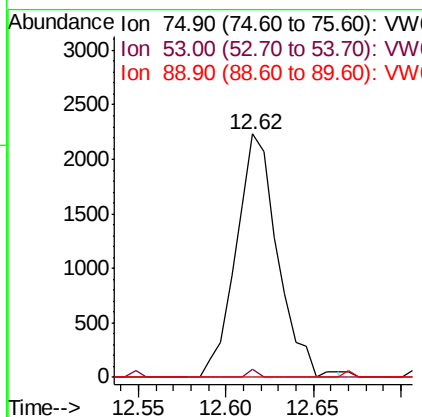
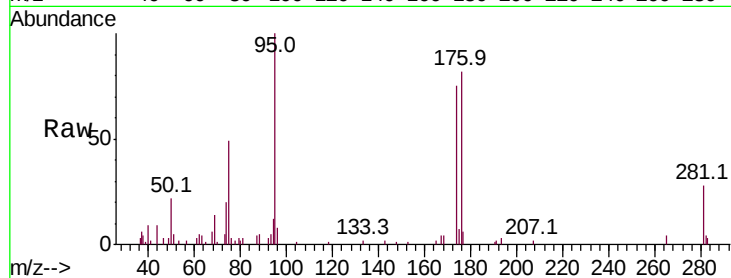




#81
trans-1,4-Dichloro-2-butene
Concen: 192.082 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW013025.D
Acq: 15 Sep 2019 06:36

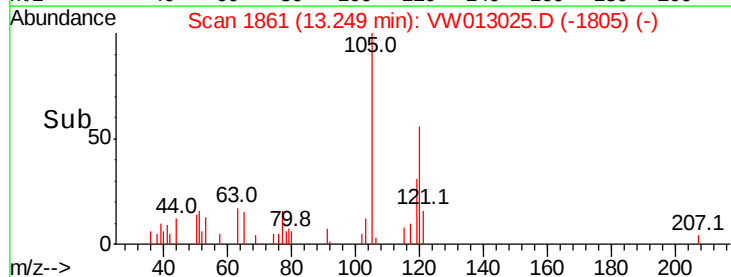
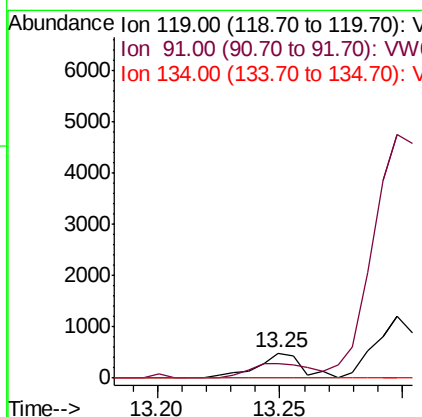
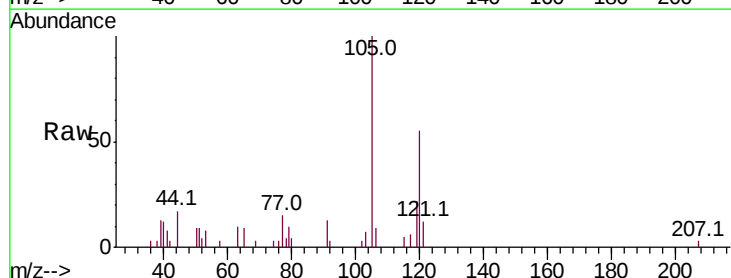
Instrument :
MSVOA_W
ClientSampleId :

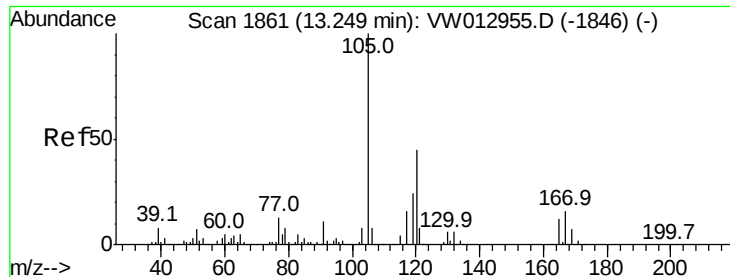
Tot Ion: 75 Resp: 3678
Ion Ratio Lower Upper
75 100
53 0.7 85.6 128.4#
89 0.0 37.2 55.8#



#83
tert-Butylbenzene
Concen: 2.525 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.04 min
Lab File: VW013025.D
Acq: 15 Sep 2019 06:36

Tgt Ion: 119 Resp: 628
Ion Ratio Lower Upper
119 100
91 80.4 32.6 98.0
134 0.0 12.4 37.4#





#84

1,2,4-Trimethylbenzene

Concen: 14.706 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VW013025.D

Acq: 15 Sep 2019 06:36

Instrument :

MSVOA_W

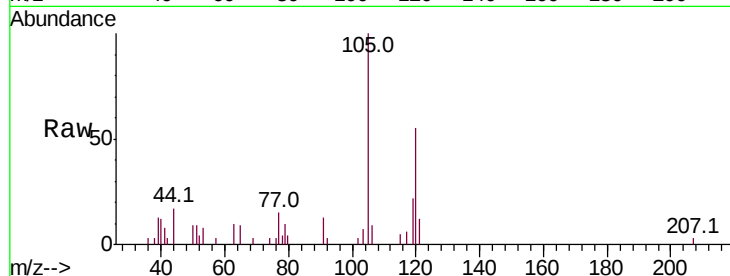
ClientSampled :

Tot Ion:105 Resp: 4041

Ion Ratio Lower Upper

105 100

120 40.2 21.9 65.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2500

2000

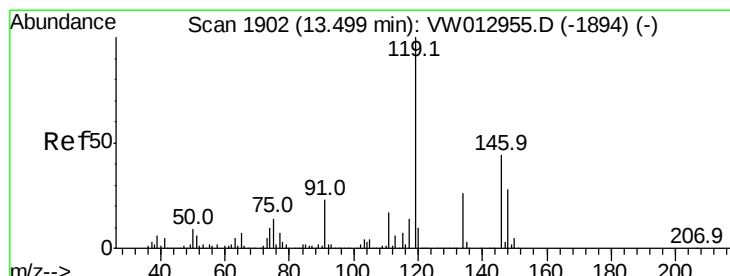
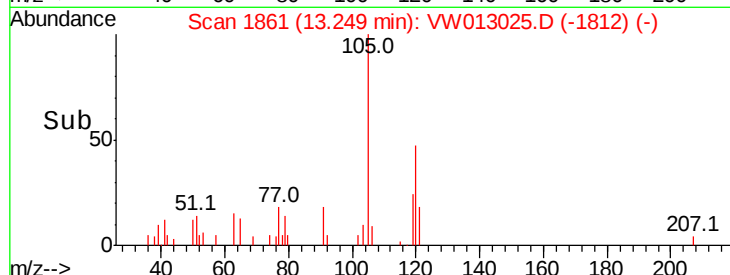
1500

1000

500

0

Time--> 13.20 13.25 13.30



#86

p-Isopropyltoluene

Concen: 1.221 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW013025.D

Acq: 15 Sep 2019 06:36

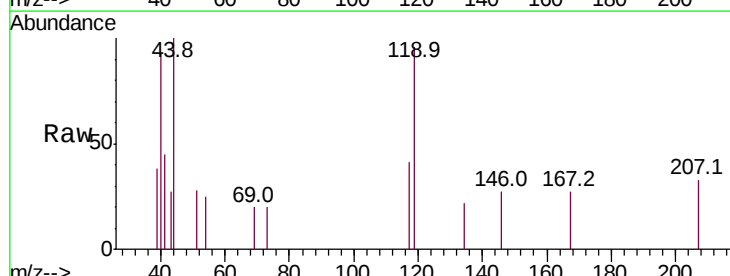
Tgt Ion:119 Resp: 380

Ion Ratio Lower Upper

119 100

134 5.8 12.8 38.3#

91 0.0 11.8 35.4#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

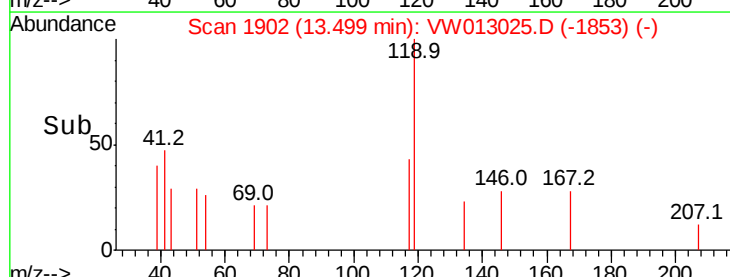
300

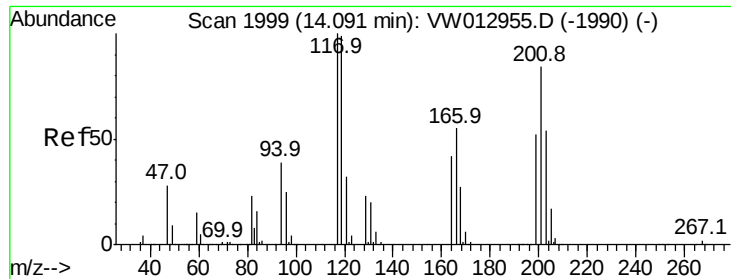
200

100

0

Time--> 13.45 13.50





#90

Hexachloroethane

Concen: 3.587 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW013025.D

Acq: 15 Sep 2019 06:36

Instrument :

MSVOA_W

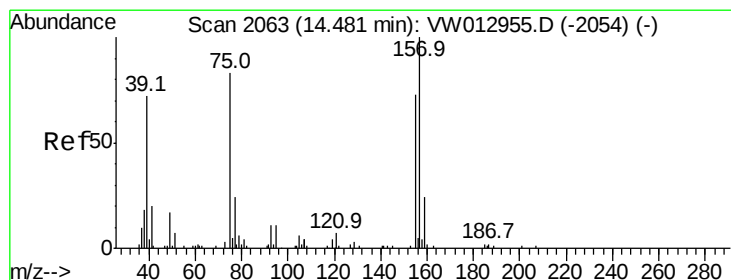
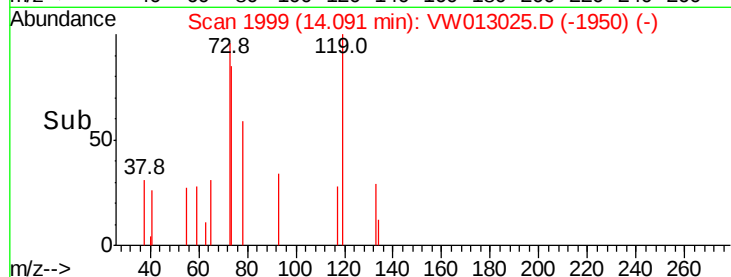
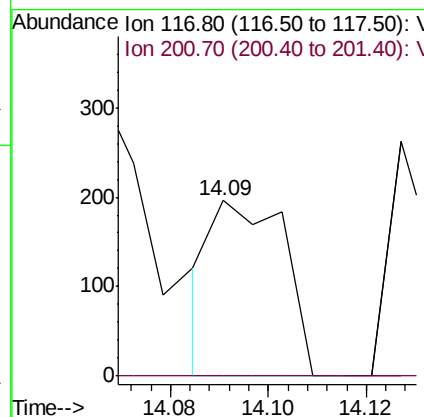
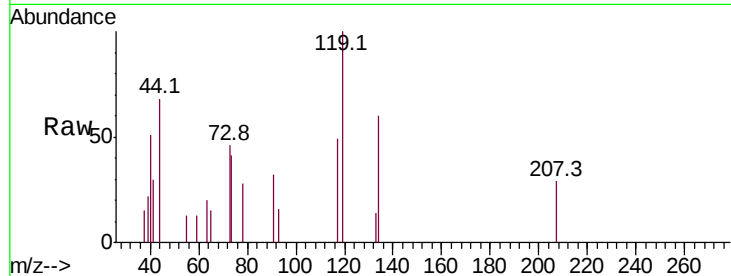
ClientSampleId :

Tot Ion:117 Resp: 200

Ion Ratio Lower Upper

117 100

201 0.0 45.3 135.9#



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.637 ug/l

RT: 14.53 min Scan# 2071

Delta R.T. 0.05 min

Lab File: VW013025.D

Acq: 15 Sep 2019 06:36

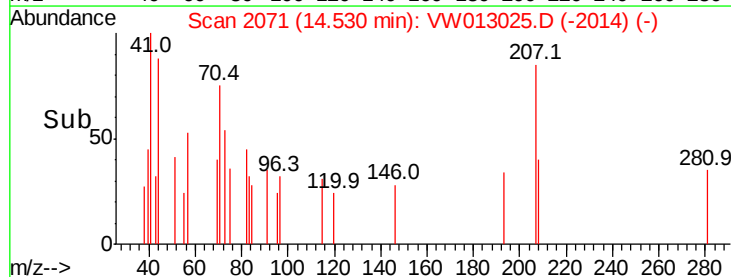
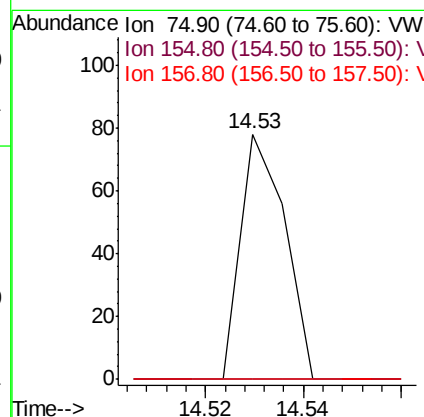
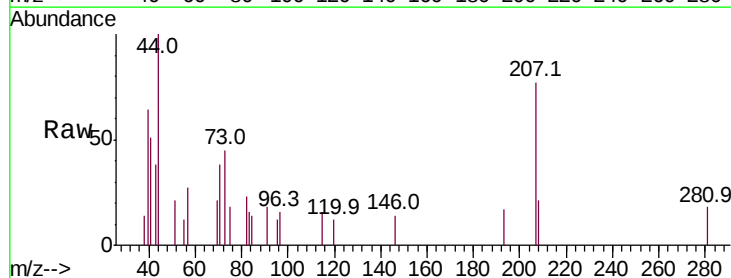
Tgt Ion: 75 Resp: 49

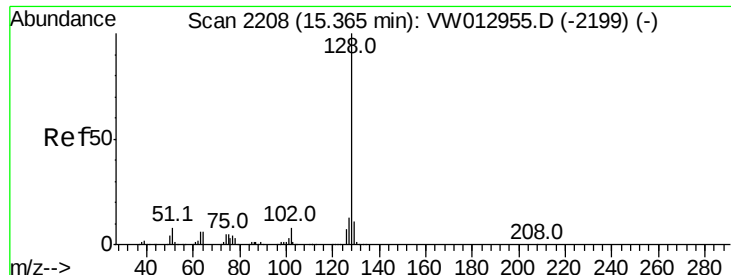
Ion Ratio Lower Upper

75 100

155 0.0 43.3 129.9#

157 0.0 54.7 164.1#





#95
 Naphthalene
 Concen: 91.150 ug/l
 RT: 15.36 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: VW013025.D
 Acq: 15 Sep 2019 06:36

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.7	11.0	16.6
129	10.7	8.6	12.8

