

Data File : VW010645.D
Acq On : 31 May 2019 19:09
Operator : SY/VA
Sample : K3097-22
Misc : 5.01G/5ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
0442-PR-5(PASSAIC)

Quant Time: Jun 01 04:53:33 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	159960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	281438	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	249868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	112080	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	89185	54.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.04%	
35) Dibromofluoromethane	7.88	113	84055	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
50) Toluene-d8	10.32	98	344016	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
62) 4-Bromofluorobenzene	12.62	95	115651	44.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	204	Below Cal	#	42
11) Tert butyl alcohol	5.19	59	2861	19.265	ug/l #	71
13) Acrolein	3.90	56	795	Below Cal	#	13
16) Acetone	4.12	43	63774	189.230	ug/l	98
17) Carbon Disulfide	4.38	76	30616	6.075	ug/l	99
20) Methylene Chloride	4.92	84	1872	Below Cal		86
25) 2-Butanone	7.18	43	24270	50.321	ug/l	98
26) 2,2-Dichloropropane	7.15	77	5007	1.756	ug/l #	52
31) Cyclohexane	7.95	56	13994	4.464	ug/l #	75
36) 1,1-Dichloropropene	7.95	75	11673	4.452	ug/l #	49
37) Ethyl Acetate	7.18	43	24270	21.769	ug/l #	67
38) Carbon Tetrachloride	7.95	117	16474	5.825	ug/l #	15
39) Methylcyclohexane	9.34	83	25015	7.122	ug/l #	84
40) Benzene	8.33	78	36098	4.954	ug/l	99
43) Isopropyl Acetate	8.42	43	3696	1.659	ug/l #	49
47) Bromodichloromethane	9.68	83	3202	1.259	ug/l #	26
48) Methyl methacrylate	9.47	41	1846	1.812	ug/l #	25
51) 4-Methyl-2-Pentanone	10.25	43	10663	9.448	ug/l #	66
52) Toluene	10.39	92	20855	4.262	ug/l	96
56) Ethyl methacrylate	10.68	69	7288	3.631	ug/l #	1
59) 2-Hexanone	10.94	43	30901	38.381	ug/l #	28
65) Chlorobenzene	11.66	112	7559	1.419	ug/l #	85
67) Ethyl Benzene	11.73	91	46757	4.973	ug/l	96
68) m/p-Xylenes	11.83	106	56764	15.393	ug/l	99
69) o-Xylene	12.17	106	149458	42.776	ug/l	100
70) Styrene	12.17	104	7514	1.267	ug/l #	1
73) Isopropylbenzene	12.47	105	54217	6.096	ug/l	100
74) N-amyl acetate	12.26	43	96344	47.272	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	12.69	83	12751	7.882	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	60523	53.198	ug/l #	1
78) n-propylbenzene	12.80	91	16699	1.611	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	43427	5.765	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.62	75	60523	111.027	ug/l #	17
84) 1,2,4-Trimethylbenzene	13.26	105	74911	9.985	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW053119\
Quantitation Report (Not Reviewed)

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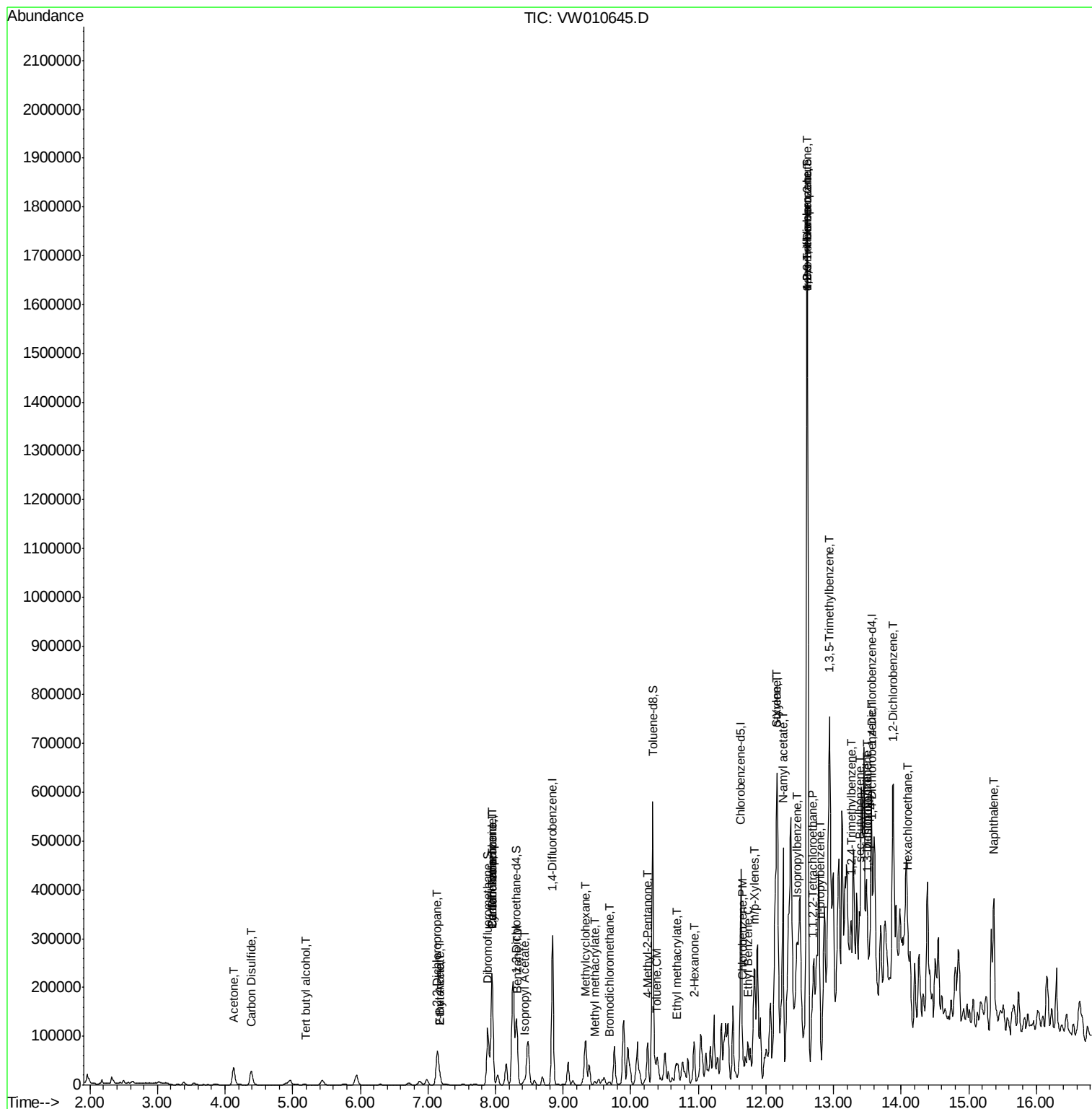
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.39	105	10459	1.136	ug/l #	49
86) p-Isopropyltoluene	13.50	119	22382	2.685	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	6065	1.553	ug/l #	71
88) 1,4-Dichlorobenzene	13.58	146	12383	3.161	ug/l #	1
90) Hexachloroethane	14.10	117	3235	2.005	ug/l #	15
91) 1,2-Dichlorobenzene	13.87	146	4442	1.248	ug/l #	1
95) Naphthalene	15.37	128	241054	47.437	ug/l	99

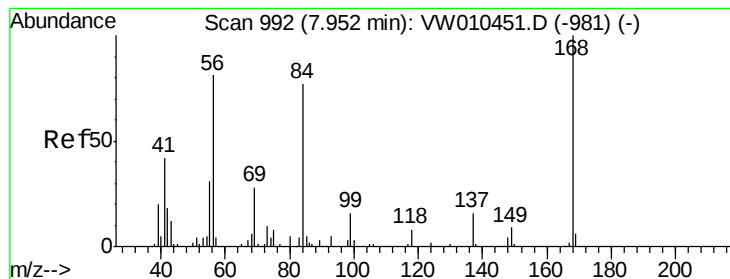
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010645.D

Acq: 31 May 2019 19:09

Instrument :

MSVOA_W

ClientSampleId :

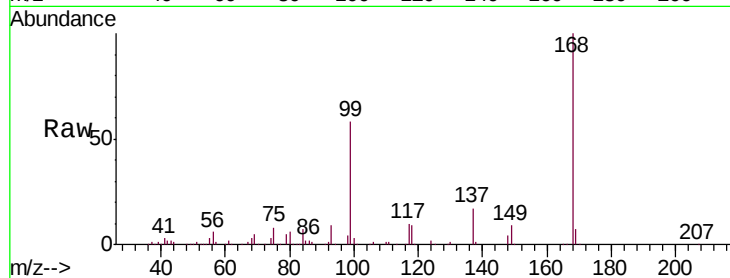
0442-PR-5(PASSAIC)

Tgt Ion:168 Resp: 159960

Ion Ratio Lower Upper

168 100

99 58.5 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

40000

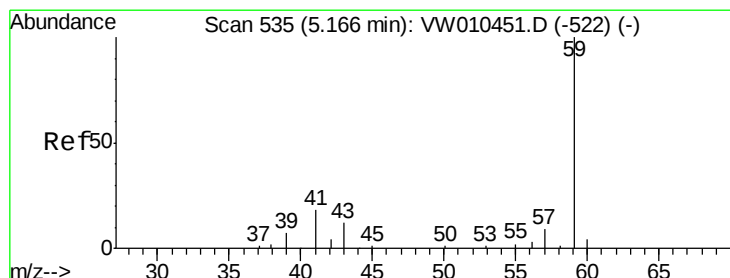
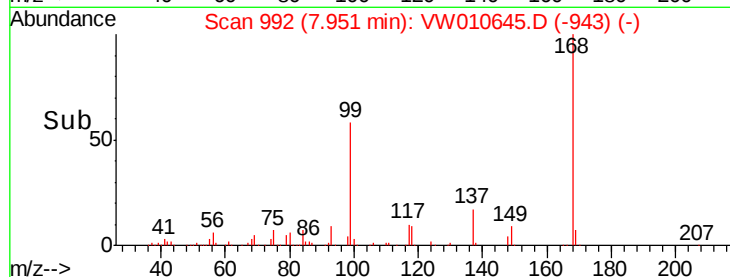
20000

0

7.90

8.00

Time-->



#11

Tert butyl alcohol

Concen: 19.265 ug/l

RT: 5.19 min Scan# 539

Delta R.T. 0.02 min

Lab File: VW010645.D

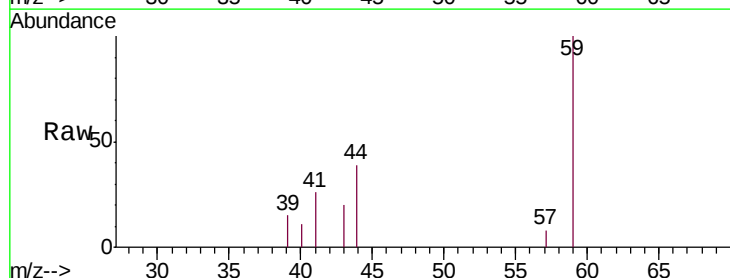
Acq: 31 May 2019 19:09

Tgt Ion: 59 Resp: 2861

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

5.19

800

600

400

200

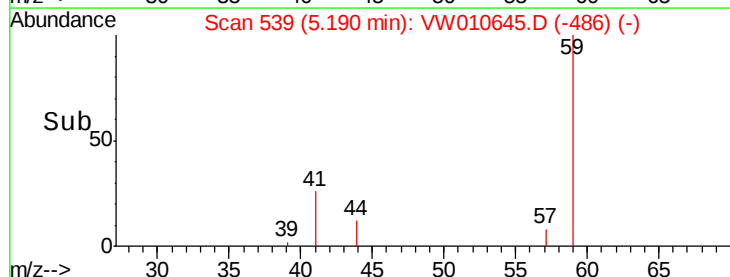
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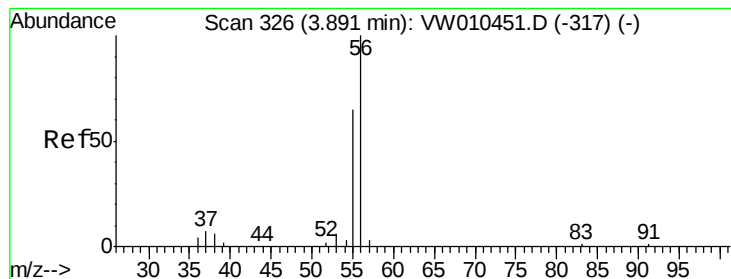
5.10

5.20

5.30

Time-->





#13

Acrolein

Concen: Below Cal

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW010645.D

Acq: 31 May 2019 19:09

Instrument :

MSVOA_W

ClientSampleId :

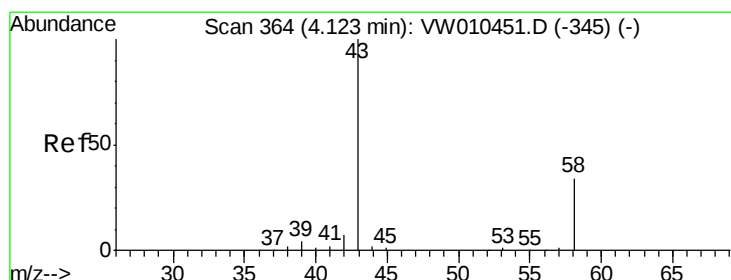
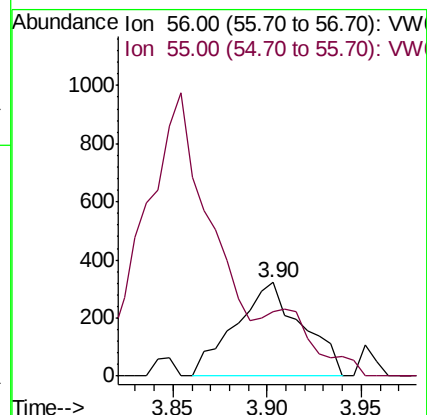
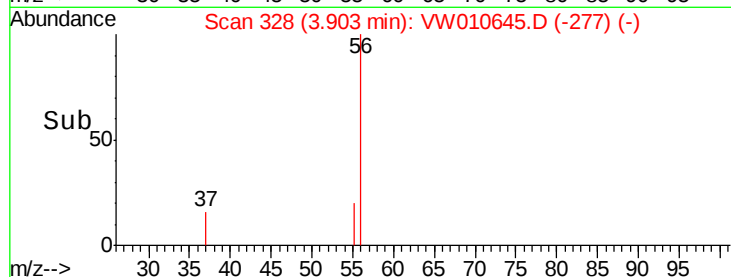
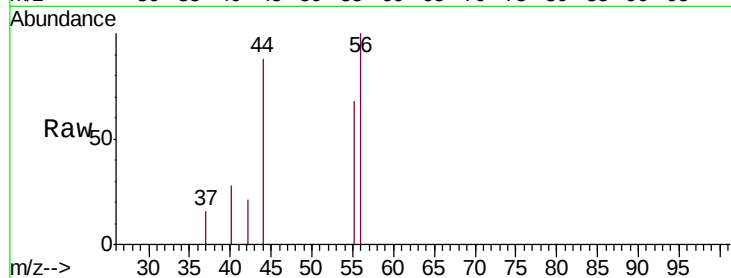
0442-PR-5(PASSAIC)

Tgt Ion: 56 Resp: 795

Ion Ratio Lower Upper

56 100

55 0.0 57.9 86.9#



#16

Acetone

Concen: 189.230 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010645.D

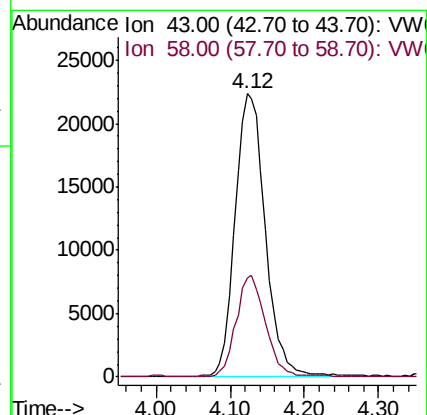
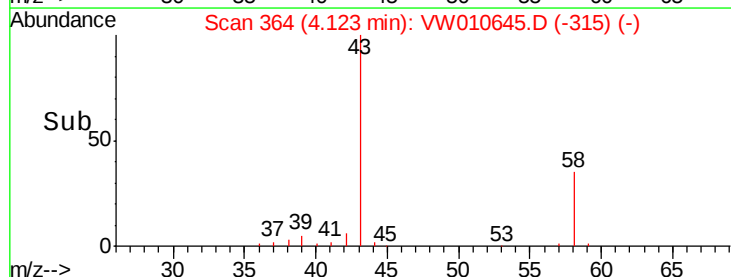
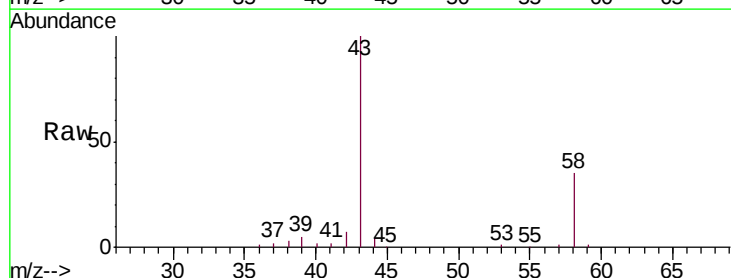
Acq: 31 May 2019 19:09

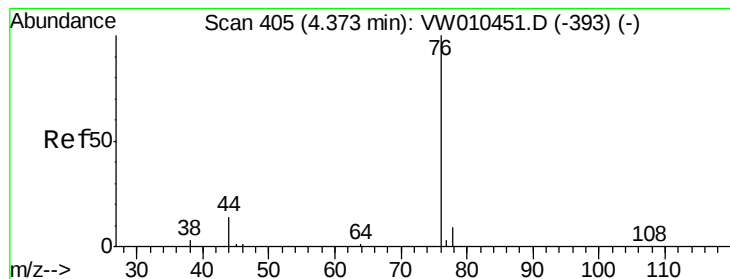
Tgt Ion: 43 Resp: 63774

Ion Ratio Lower Upper

43 100

58 34.8 27.0 40.4





#17

Carbon Disulfide

Concen: 6.075 ug/l

RT: 4.38 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW010645.D

Acq: 31 May 2019 19:09

Instrument :

MSVOA_W

ClientSampleId :

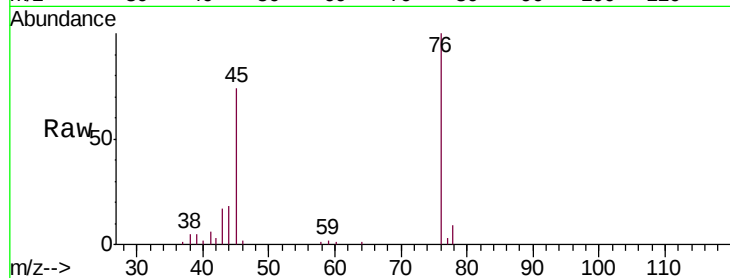
0442-PR-5(PASSAIC)

Tgt Ion: 76 Resp: 30616

Ion Ratio Lower Upper

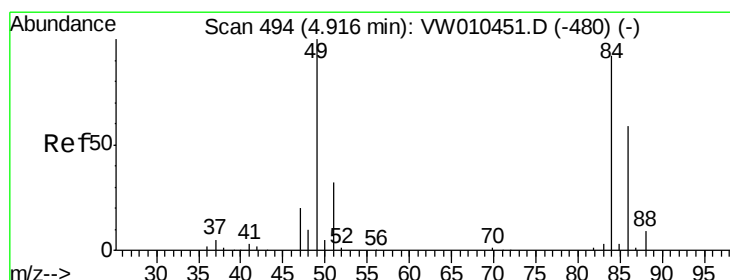
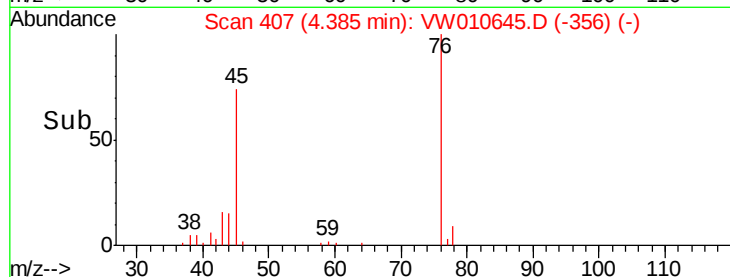
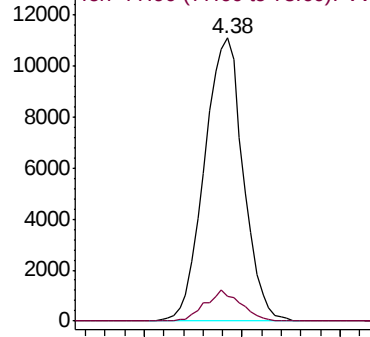
76 100

78 8.6 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW010645.D

Acq: 31 May 2019 19:09

Tgt Ion: 84 Resp: 1872

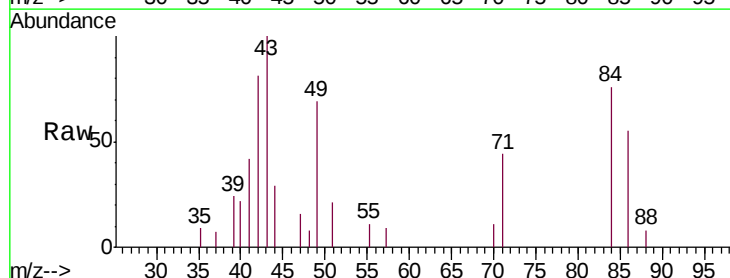
Ion Ratio Lower Upper

84 100

49 90.2 87.2 130.8

51 27.9 27.7 41.5

86 72.1 51.4 77.0

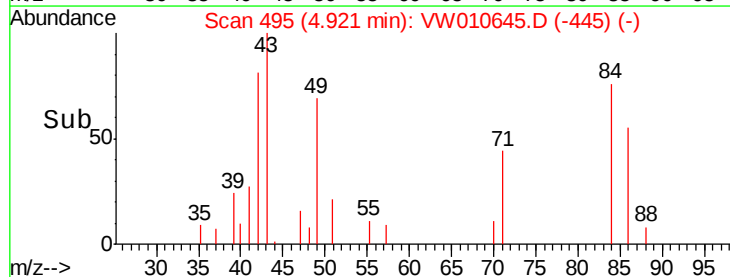
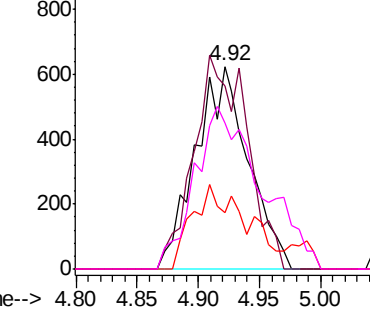


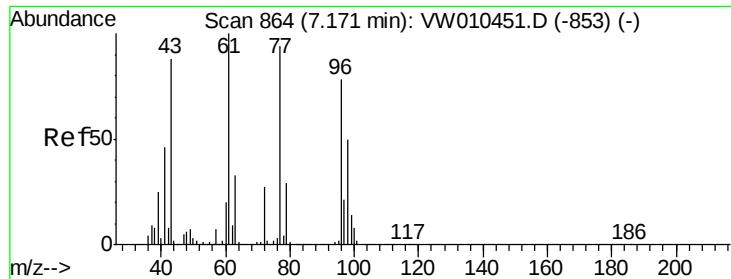
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#25

2-Butanone

Concen: 50.321 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW010645.D

Acq: 31 May 2019 19:09

Instrument :

MSVOA_W

ClientSampleId :

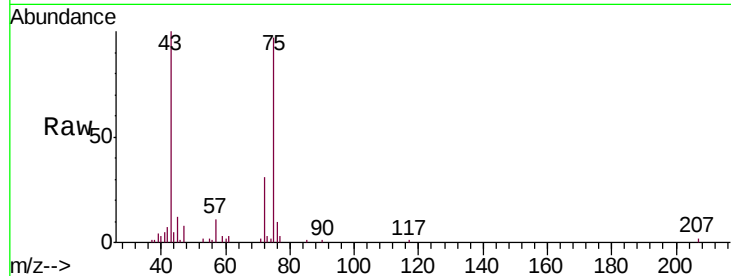
0442-PR-5(PASSAIC)

Tgt Ion: 43 Resp: 24270

Ion Ratio Lower Upper

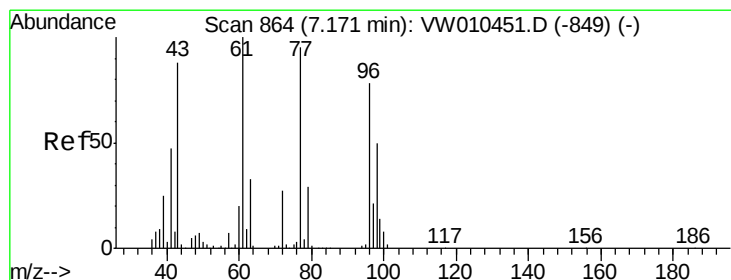
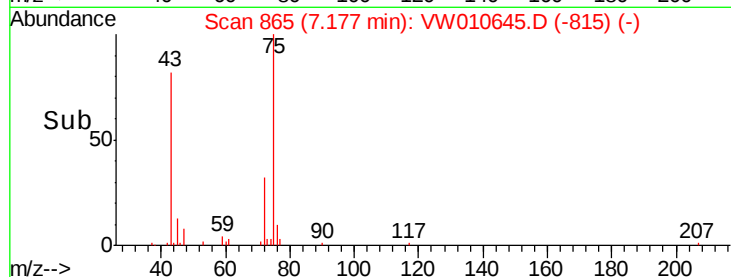
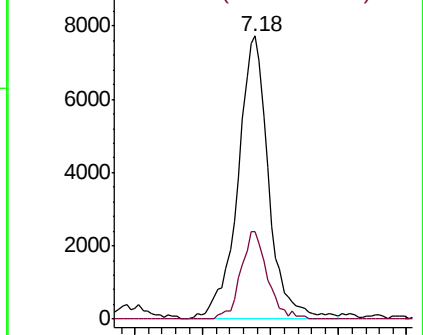
43 100

72 31.0 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 1.756 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW010645.D

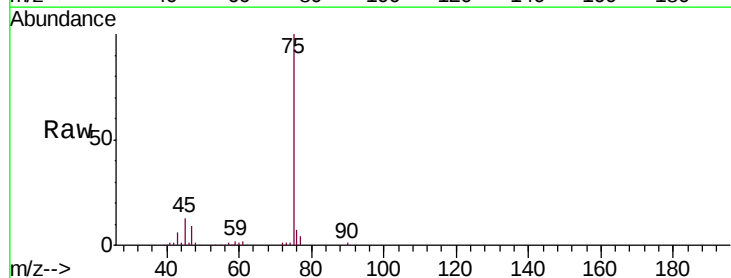
Acq: 31 May 2019 19:09

Tgt Ion: 77 Resp: 5007

Ion Ratio Lower Upper

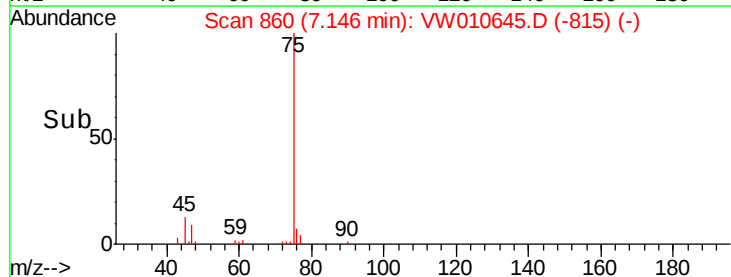
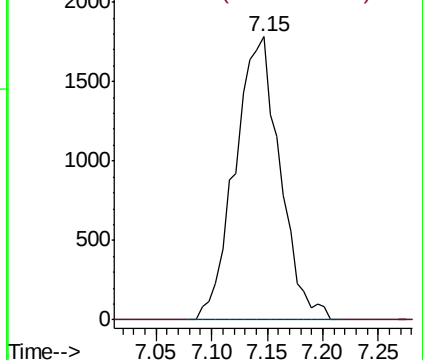
77 100

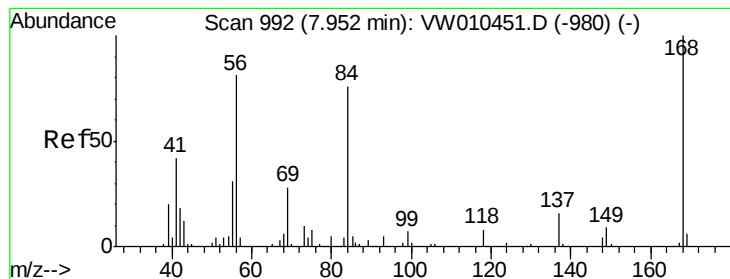
97 0.0 11.7 35.0#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW





#31

Cyclohexane

Concen: 4.464 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

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ClientSampleId :

0442-PR-5(PASSAIC)

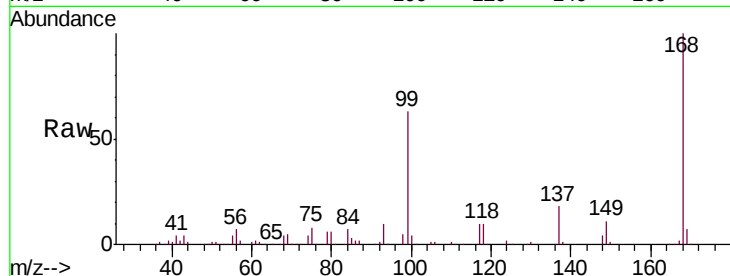
Tgt Ion: 56 Resp: 13994

Ion Ratio Lower Upper

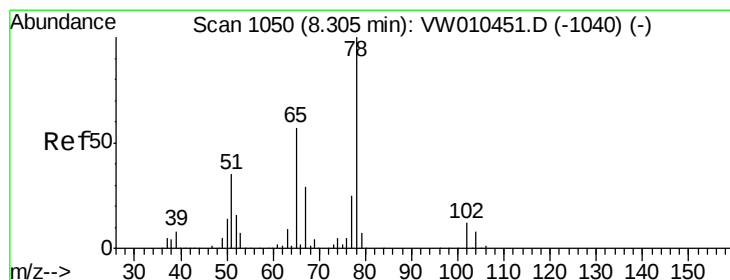
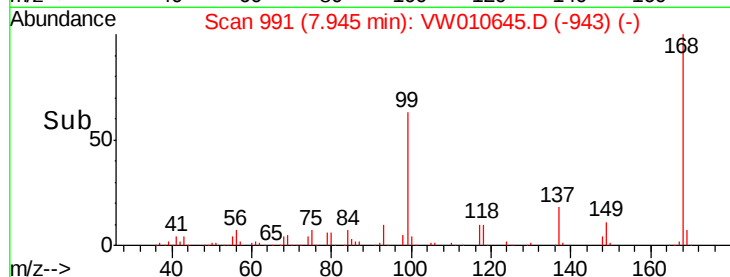
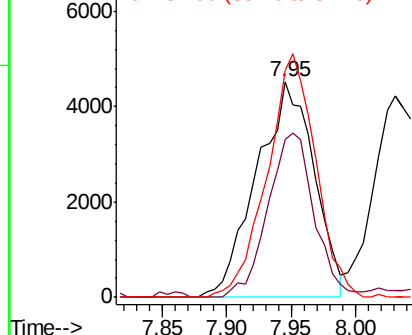
56 100

69 73.1 28.2 42.2#

84 105.0 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: 54.017 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010645.D

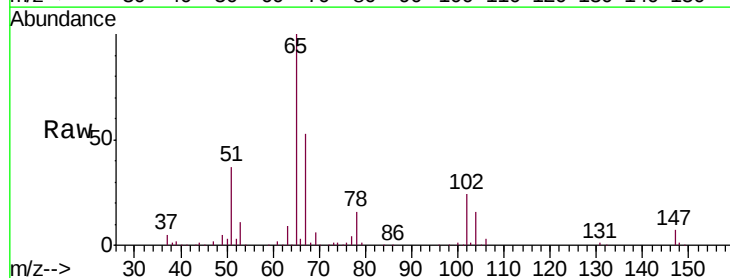
Acq: 31 May 2019 19:09

Tgt Ion: 65 Resp: 89185

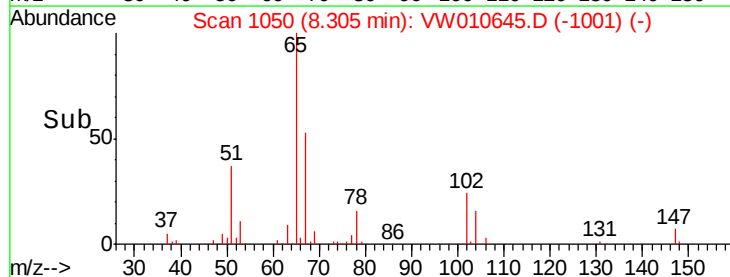
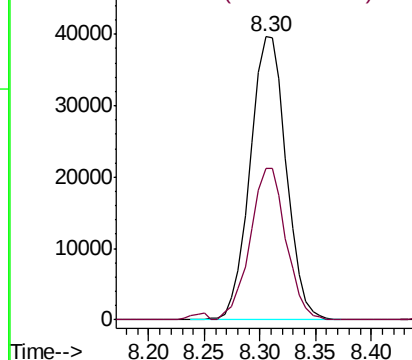
Ion Ratio Lower Upper

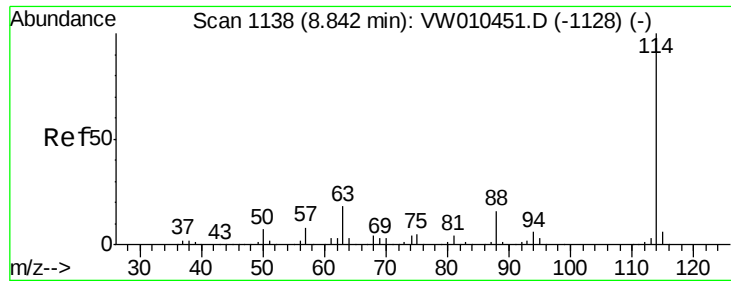
65 100

67 53.7 0.0 103.6



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

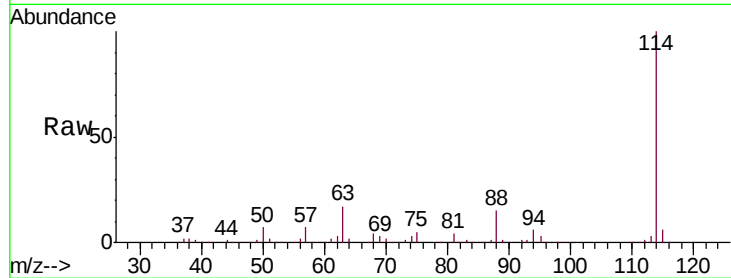




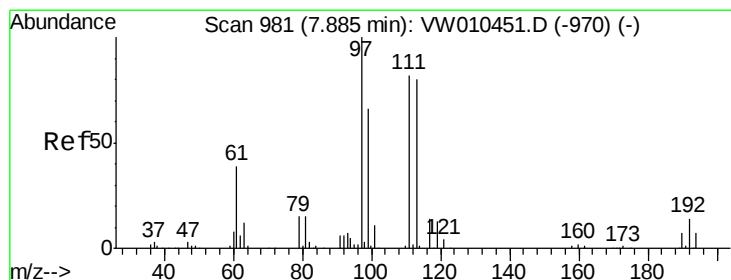
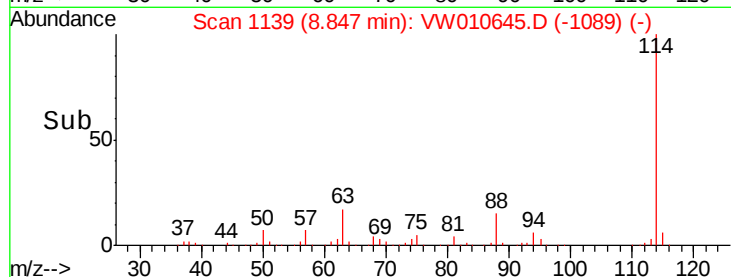
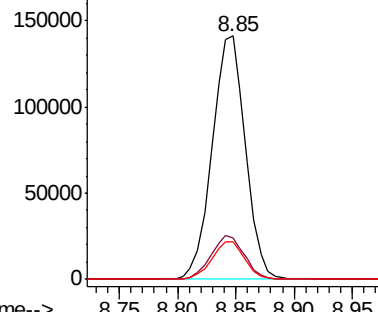
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW010645.D
 Acq: 31 May 2019 19:09

Instrument :
 MSVOA_W
 ClientSampleId :
 0442-PR-5(PASSAIC)

Tgt Ion:114 Resp: 281438
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 36.0
 88 15.3 0.0 32.0

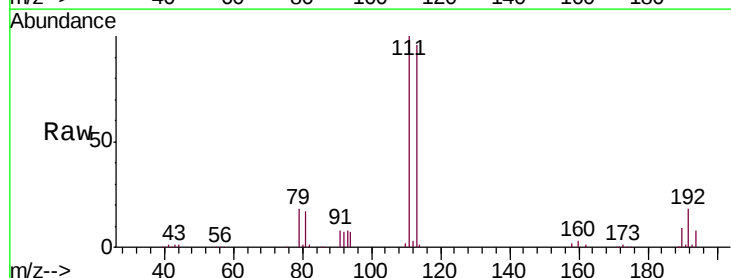


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

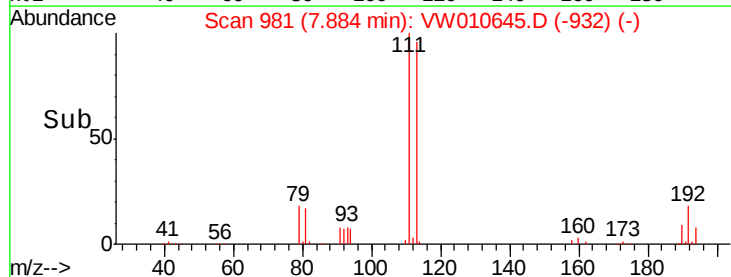
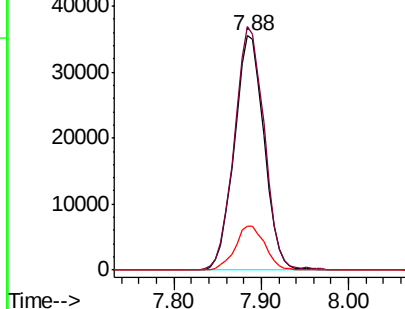


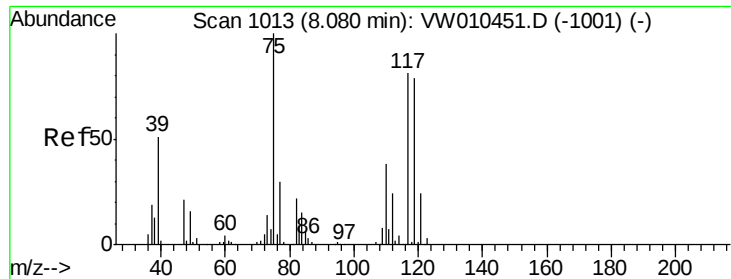
#35
 Dibromofluoromethane
 Concen: 49.221 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010645.D
 Acq: 31 May 2019 19:09

Tgt Ion:113 Resp: 84055
 Ion Ratio Lower Upper
 113 100
 111 104.3 82.2 123.4
 192 18.9 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

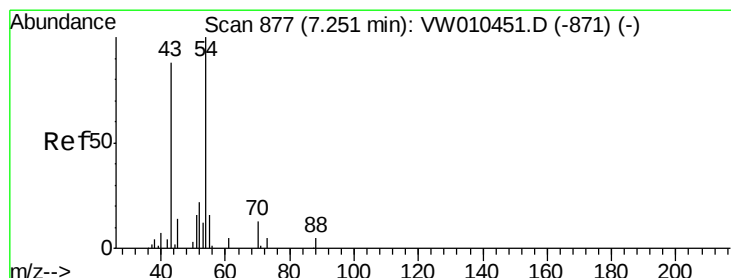
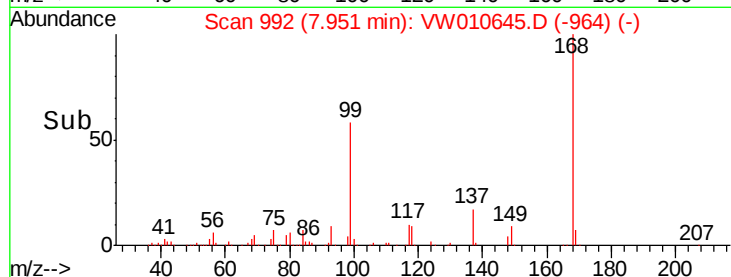
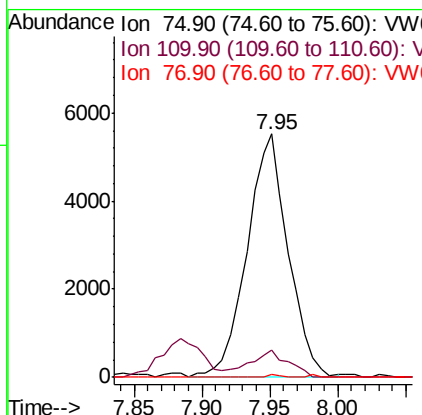
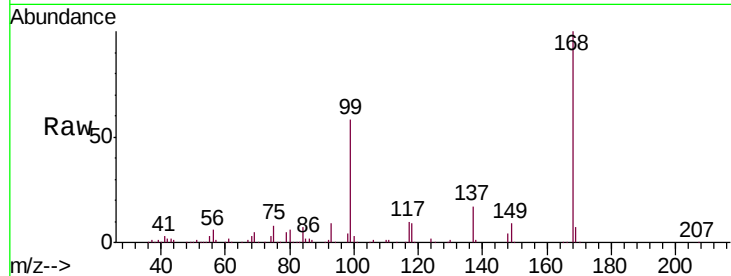




#36
 1,1-Dichloropropene
 Concen: 4.452 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW010645.D
 Acq: 31 May 2019 19:09

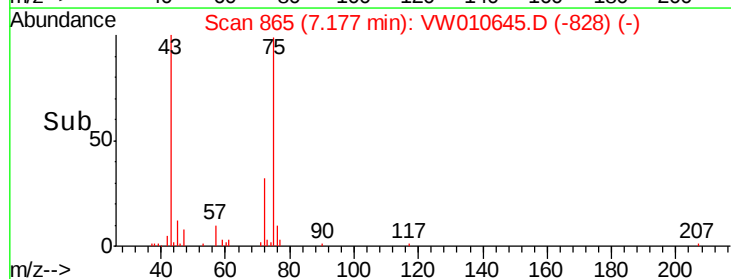
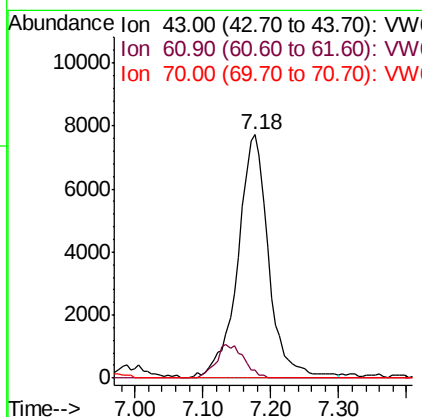
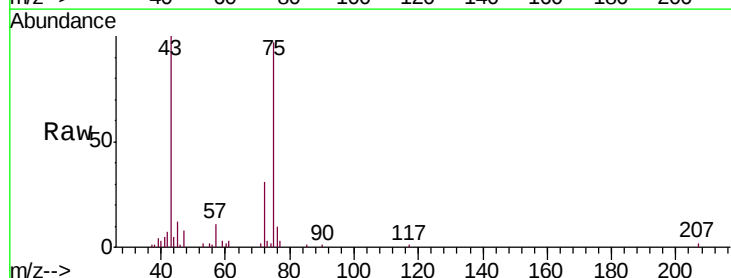
Instrument :
 MSVOA_W
 ClientSampleId :
 0442-PR-5(PASSAIC)

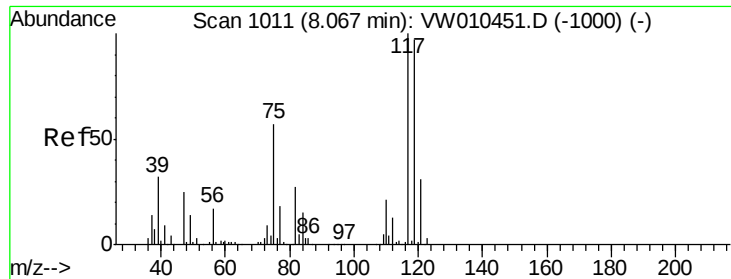
Tgt Ion: 75 Resp: 11673
 Ion Ratio Lower Upper
 75 100
 110 10.6 19.2 57.6#
 77 0.0 25.2 37.8#



#37
 Ethyl Acetate
 Concen: 21.769 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.07 min
 Lab File: VW010645.D
 Acq: 31 May 2019 19:09

Tgt Ion: 43 Resp: 24270
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.2 16.8#
 70 0.0 9.9 14.9#





#38

Carbon Tetrachloride

Concen: 5.825 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW010645.D

Acq: 31 May 2019 19:09

Instrument :

MSVOA_W

ClientSampleId :

0442-PR-5(PASSAIC)

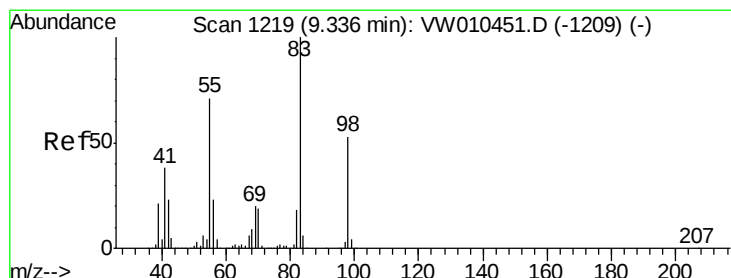
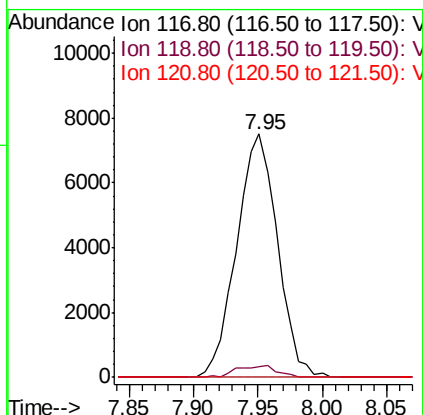
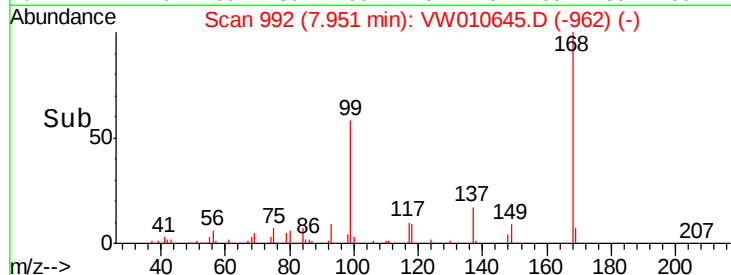
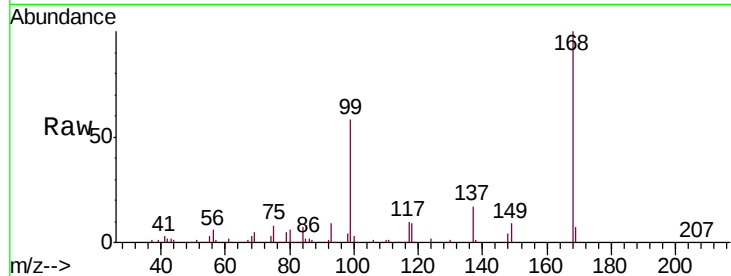
Tgt Ion:117 Resp: 16474

Ion Ratio Lower Upper

117 100

119 4.3 77.4 116.0#

121 0.0 25.0 37.6#



#39

Methylcyclohexane

Concen: 7.122 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW010645.D

Acq: 31 May 2019 19:09

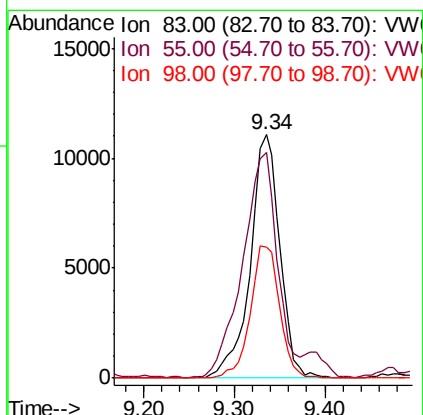
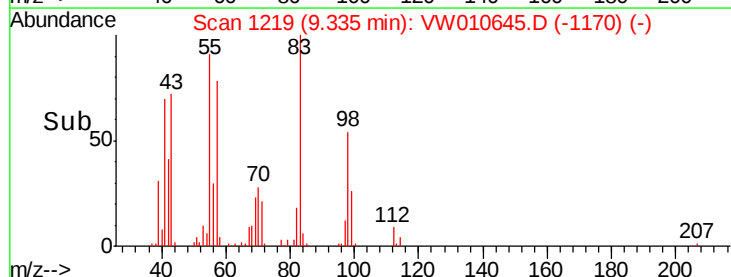
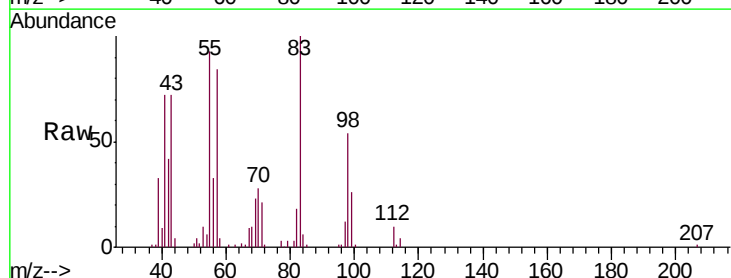
Tgt Ion: 83 Resp: 25015

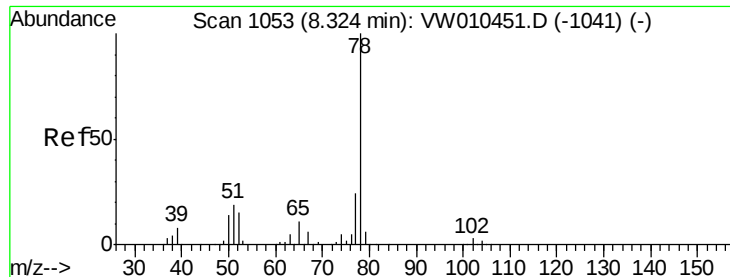
Ion Ratio Lower Upper

83 100

55 92.8 57.0 85.6#

98 53.7 42.0 63.0





#40

Benzene

Concen: 4.954 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VW010645.D

Acq: 31 May 2019 19:09

Instrument :

MSVOA_W

ClientSampleId :

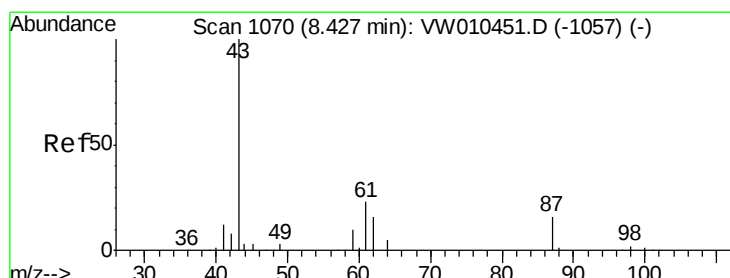
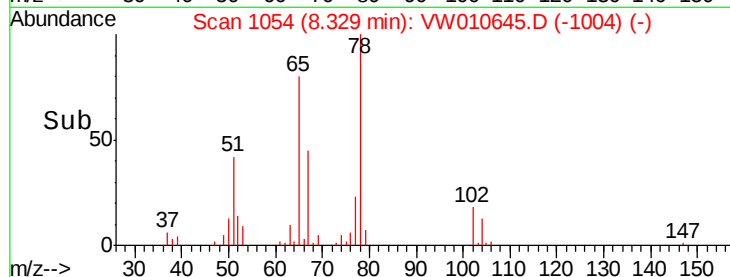
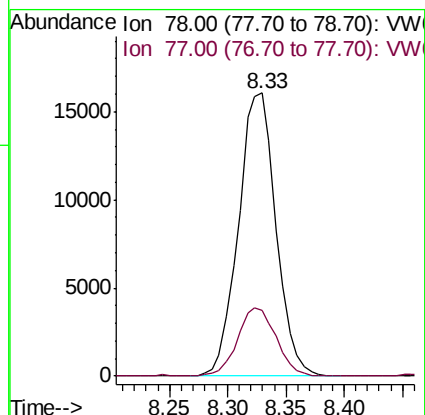
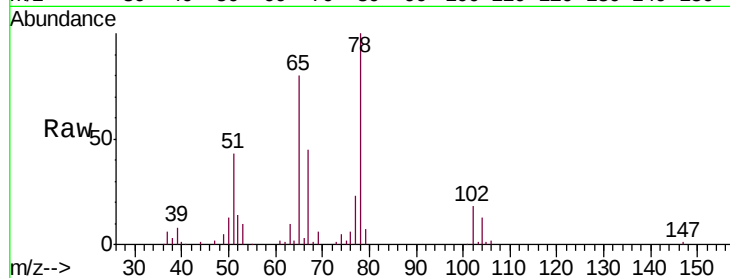
0442-PR-5(PASSAIC)

Tgt Ion: 78 Resp: 36098

Ion Ratio Lower Upper

78 100

77 23.1 18.9 28.3



#43

Isopropyl Acetate

Concen: 1.659 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW010645.D

Acq: 31 May 2019 19:09

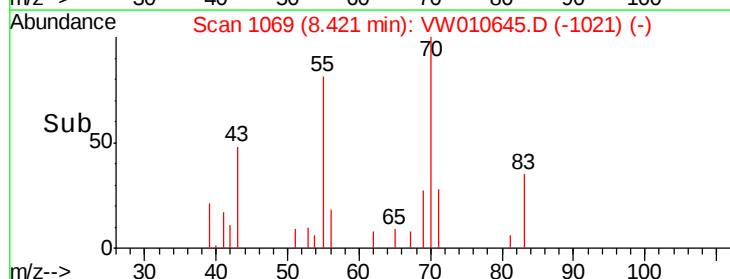
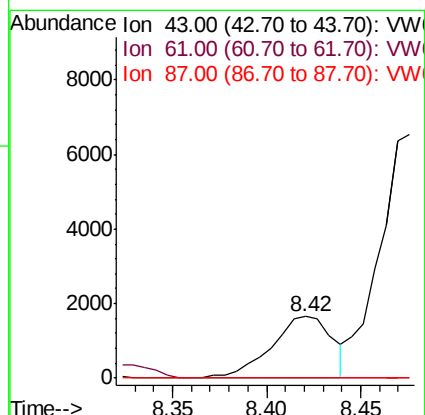
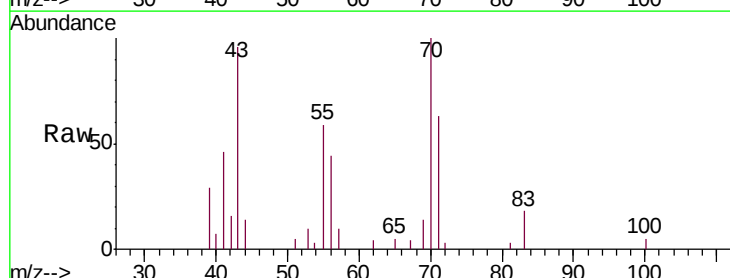
Tgt Ion: 43 Resp: 3696

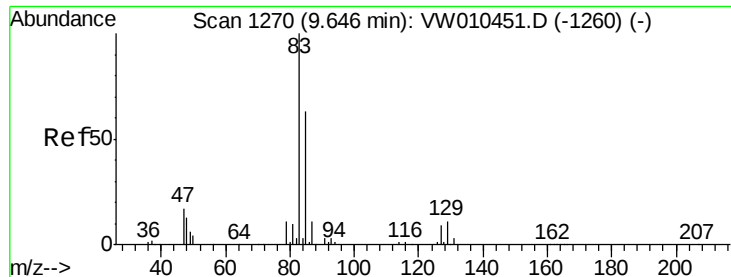
Ion Ratio Lower Upper

43 100

61 0.0 25.4 38.2#

87 0.0 12.7 19.1#





#47

Bromodichloromethane

Concen: 1.259 ug/l

RT: 9.68 min Scan# 1276

Delta R.T. 0.04 min

Lab File: VW010645.D

Acq: 31 May 2019 19:09

Instrument :

MSVOA_W

ClientSampleId :

0442-PR-5(PASSAIC)

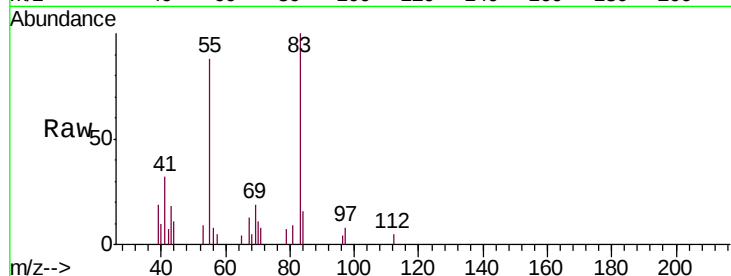
Tgt Ion: 83 Resp: 3202

Ion Ratio Lower Upper

83 100

85 0.0 50.4 75.6#

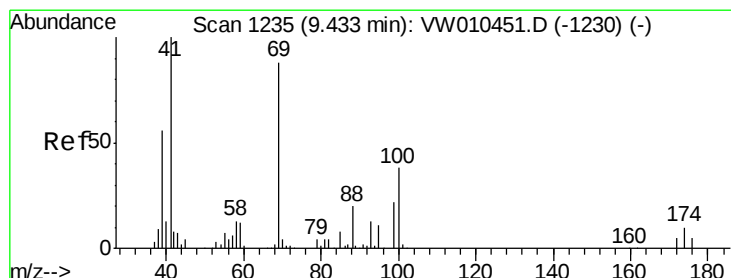
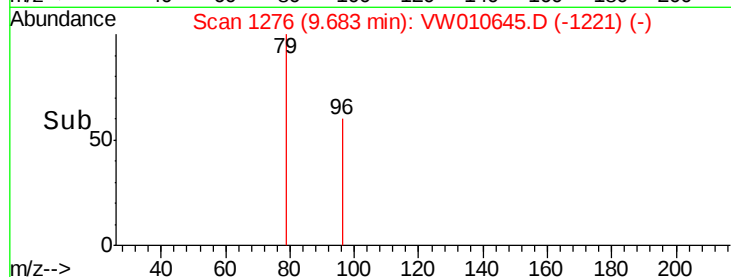
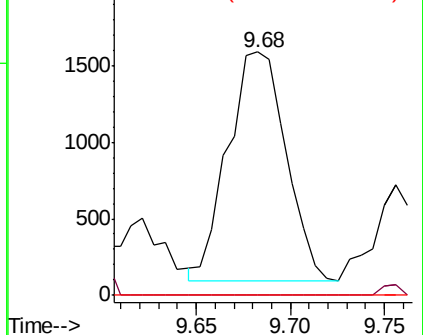
127 0.0 7.4 11.0#



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 1.812 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. 0.04 min

Lab File: VW010645.D

Acq: 31 May 2019 19:09

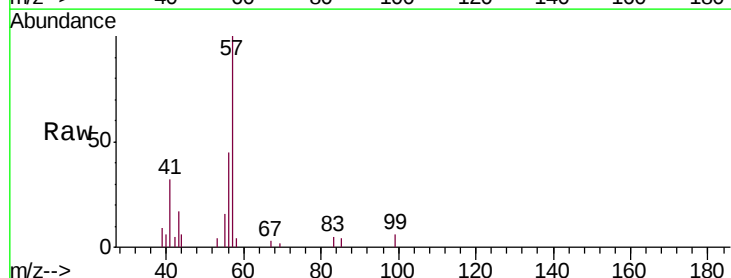
Tgt Ion: 41 Resp: 1846

Ion Ratio Lower Upper

41 100

69 0.0 77.6 116.4#

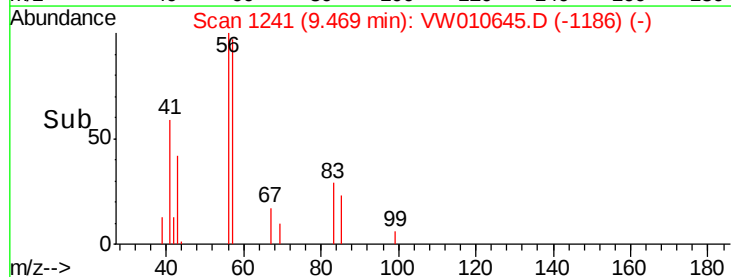
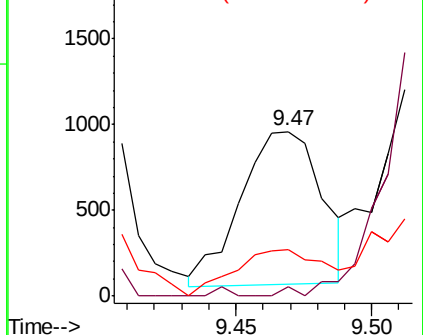
39 33.4 49.8 74.8#

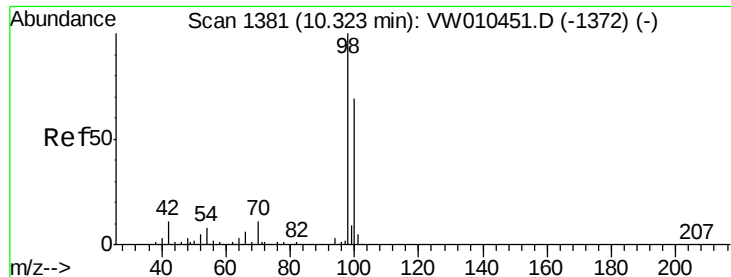


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#50

Toluene-d8

Concen: 52.732 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010645.D

Acq: 31 May 2019 19:09

Instrument :

MSVOA_W

ClientSampleId :

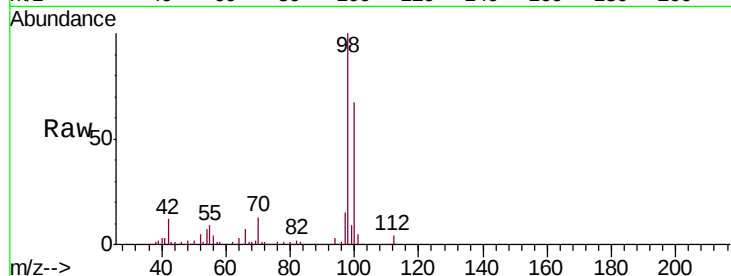
0442-PR-5(PASSAIC)

Tgt Ion: 98 Resp: 344016

Ion Ratio Lower Upper

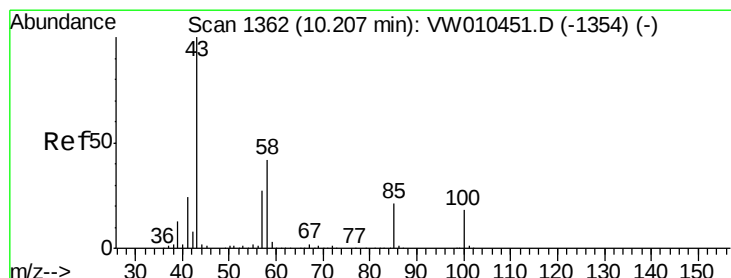
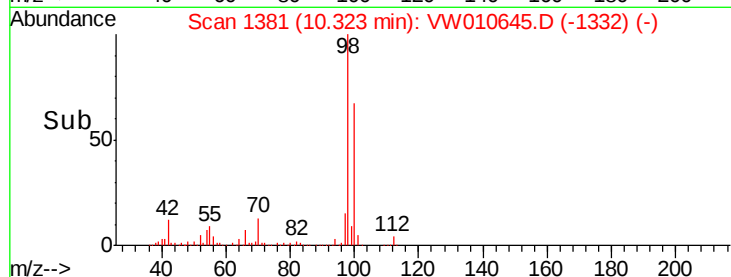
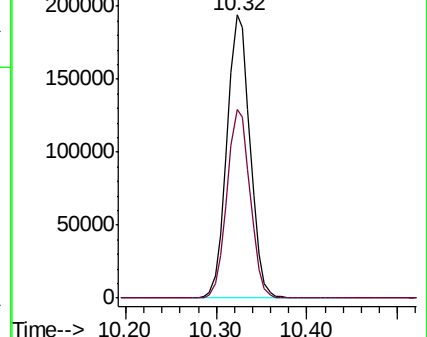
98 100

100 66.8 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 9.448 ug/l

RT: 10.25 min Scan# 1369

Delta R.T. 0.04 min

Lab File: VW010645.D

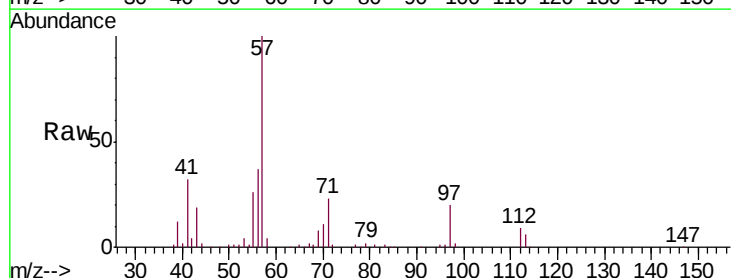
Acq: 31 May 2019 19:09

Tgt Ion: 43 Resp: 10663

Ion Ratio Lower Upper

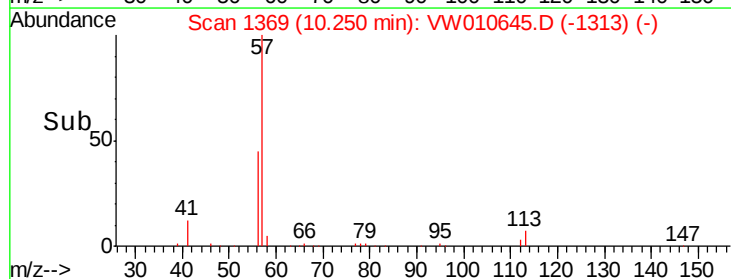
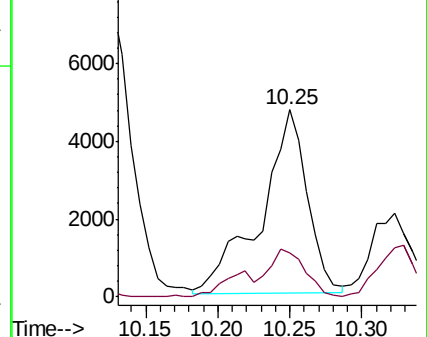
43 100

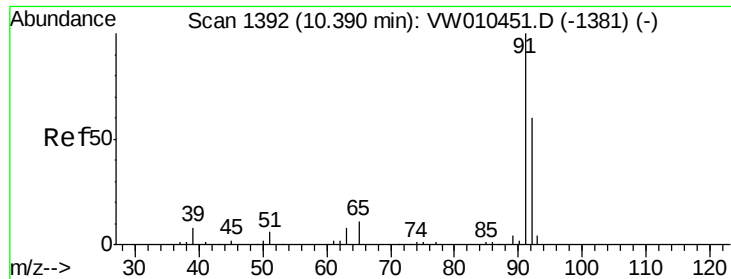
58 20.1 33.2 49.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#52

Toluene

Concen: 4.262 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010645.D

Acq: 31 May 2019 19:09

Instrument :

MSVOA_W

ClientSampleId :

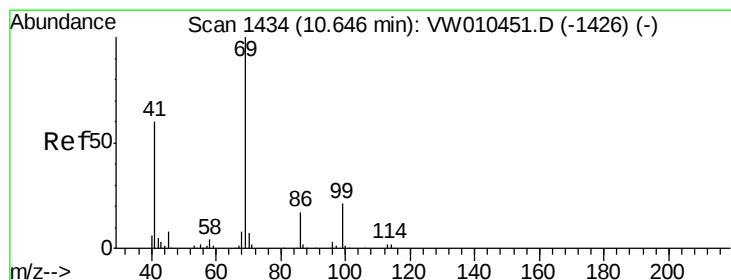
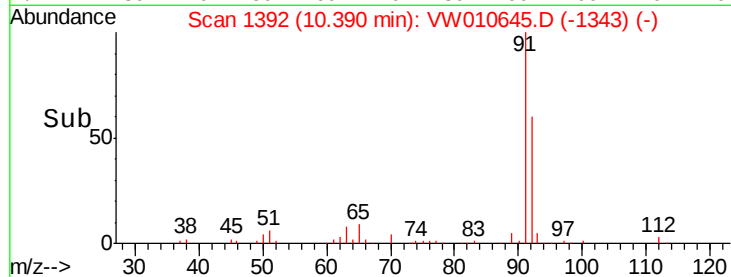
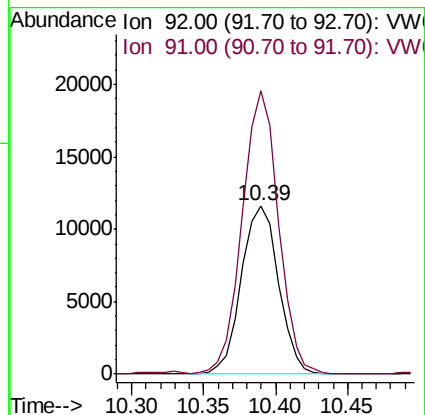
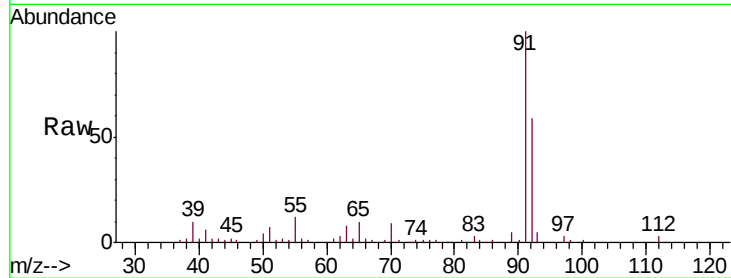
0442-PR-5(PASSAIC)

Tgt Ion: 92 Resp: 20855

Ion Ratio Lower Upper

92 100

91 163.7 135.4 203.0



#56

Ethyl methacrylate

Concen: 3.631 ug/l

RT: 10.68 min Scan# 1440

Delta R.T. 0.04 min

Lab File: VW010645.D

Acq: 31 May 2019 19:09

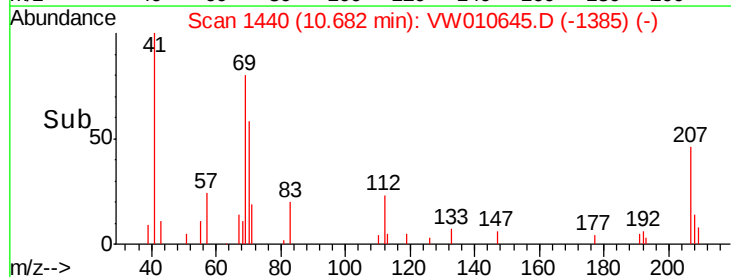
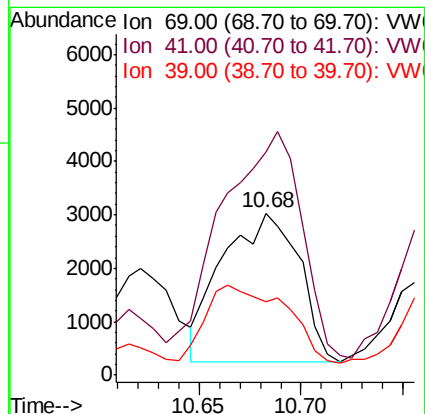
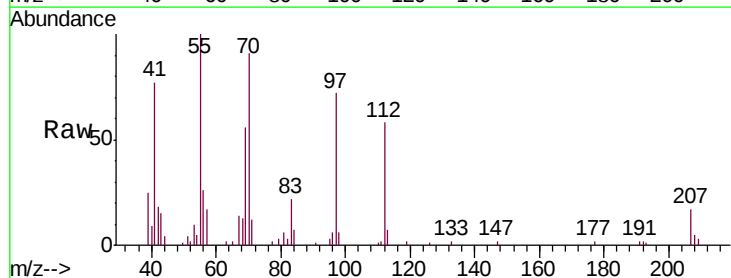
Tgt Ion: 69 Resp: 7288

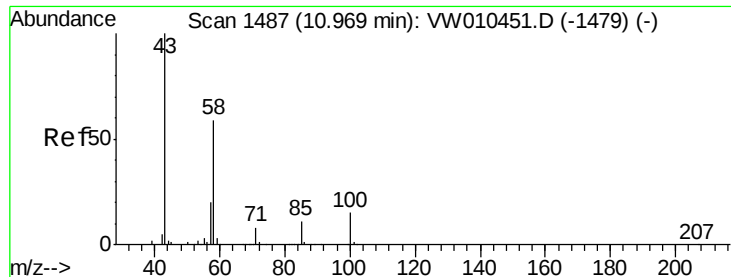
Ion Ratio Lower Upper

69 100

41 157.9 47.7 71.5#

39 0.0 25.3 37.9#

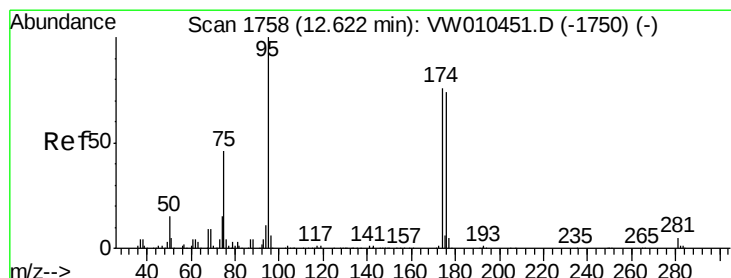
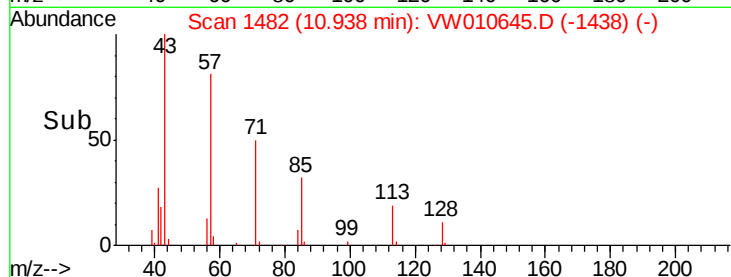
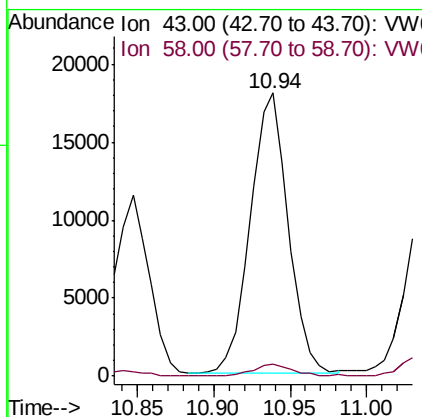
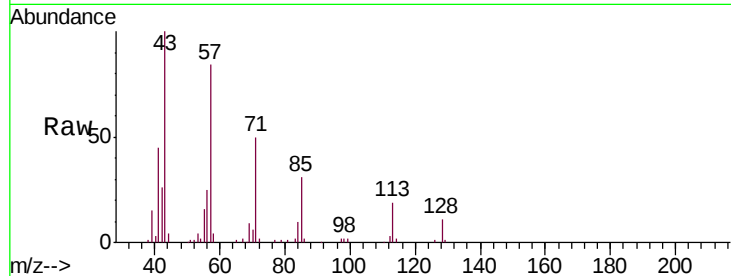




#59
2-Hexanone
Concen: 38.381 ug/l
RT: 10.94 min Scan# 1482
Delta R.T. -0.03 min
Lab File: VW010645.D
Acq: 31 May 2019 19:09

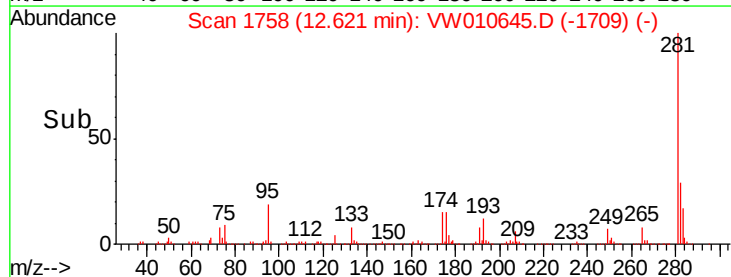
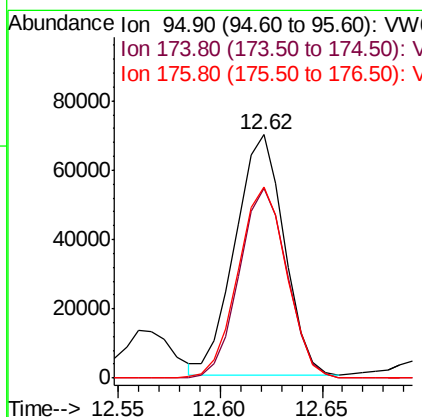
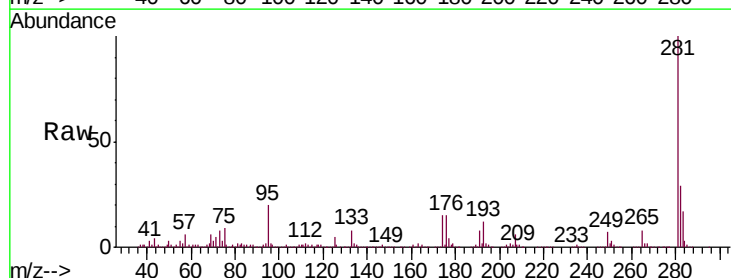
Instrument :
MSVOA_W
ClientSampleId :
0442-PR-5(PASSAIC)

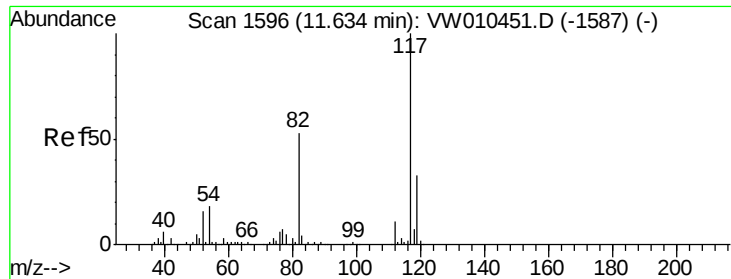
Tgt Ion: 43 Resp: 30901
Ion Ratio Lower Upper
43 100
58 4.6 28.9 86.8#



#62
4-Bromofluorobenzene
Concen: 44.506 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010645.D
Acq: 31 May 2019 19:09

Tgt Ion: 95 Resp: 115651
Ion Ratio Lower Upper
95 100
174 77.0 0.0 148.6
176 79.4 0.0 144.2

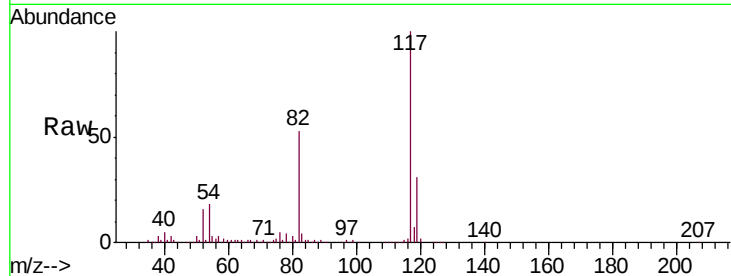




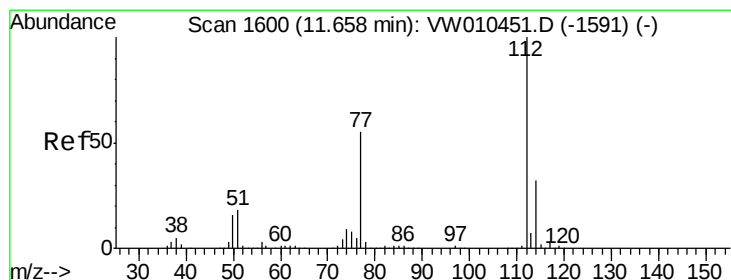
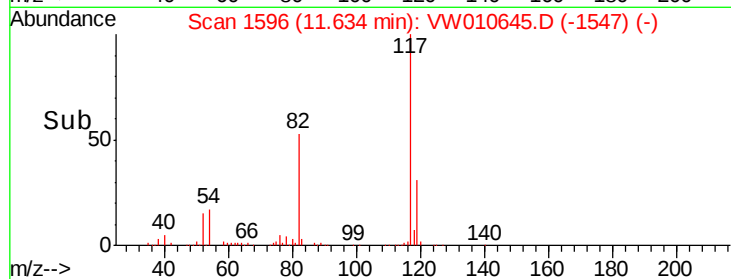
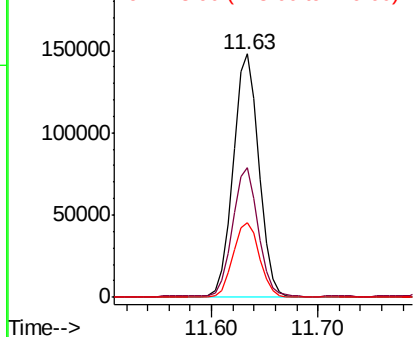
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010645.D
Acq: 31 May 2019 19:09

Instrument :
MSVOA_W
ClientSampleId :
0442-PR-5(PASSAIC)

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.3	42.8	64.2
119	30.8	26.3	39.5

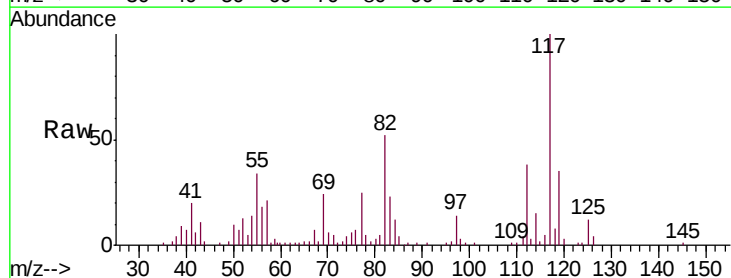


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

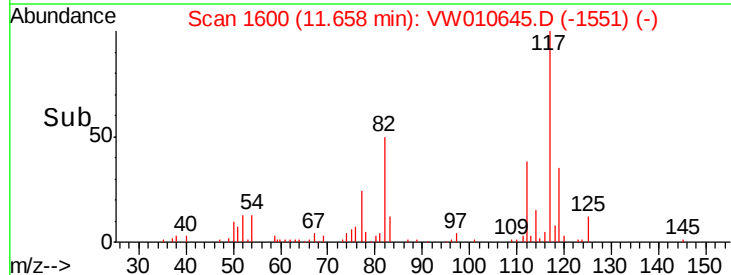
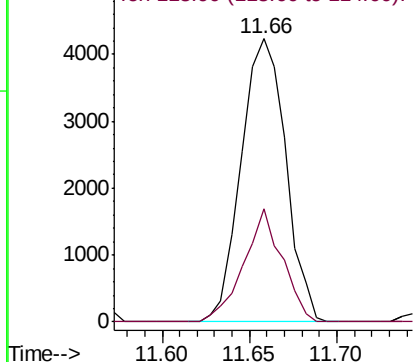


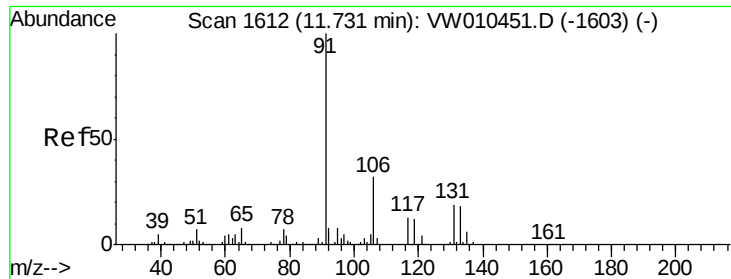
#65
Chlorobenzene
Concen: 1.419 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010645.D
Acq: 31 May 2019 19:09

Tgt Ion	Ratio	Lower	Upper
112	100		
114	39.9	25.3	37.9#



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

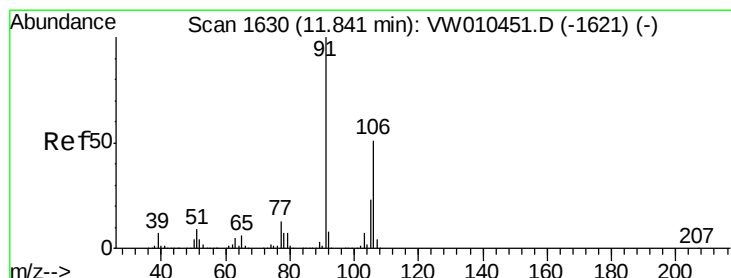
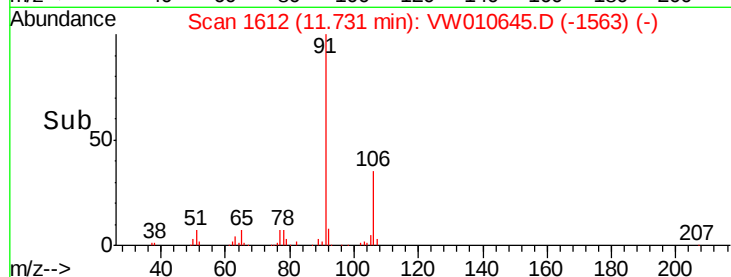
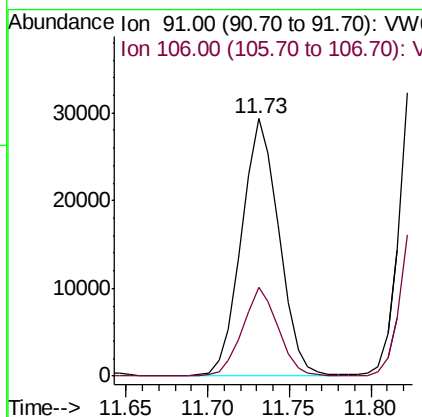
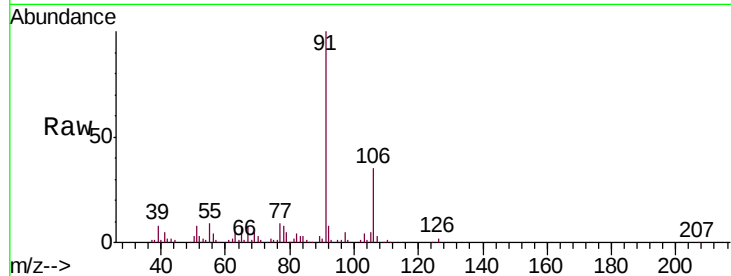




#67
Ethyl Benzene
Concen: 4.973 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010645.D
Acq: 31 May 2019 19:09

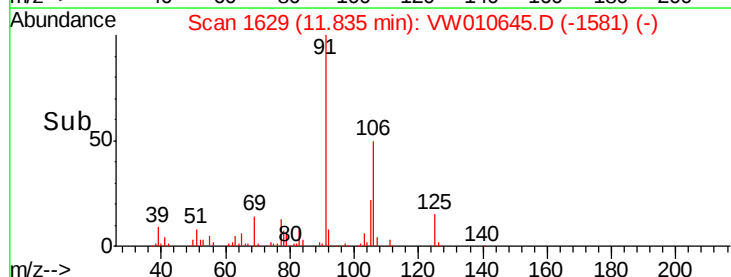
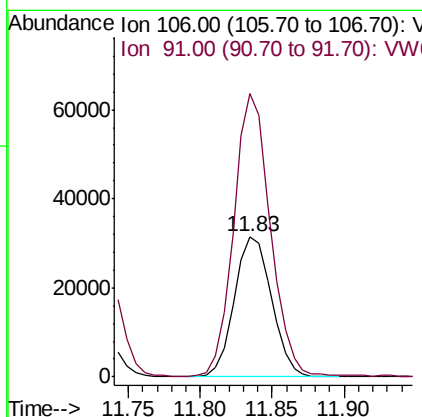
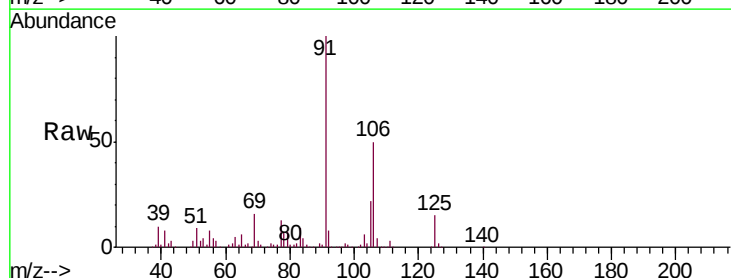
Instrument :
MSVOA_W
ClientSampleId :
0442-PR-5(PASSAIC)

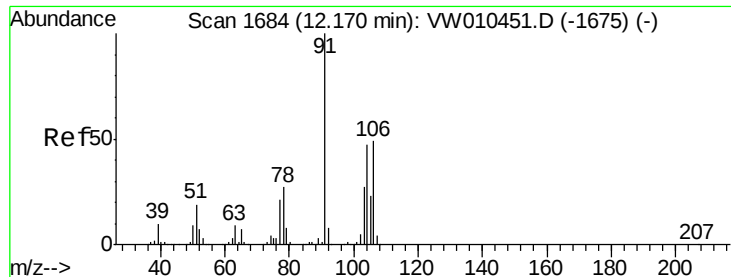
Tgt Ion: 91 Resp: 46757
Ion Ratio Lower Upper
91 100
106 34.8 25.9 38.9



#68
m/p-Xylenes
Concen: 15.393 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW010645.D
Acq: 31 May 2019 19:09

Tgt Ion: 106 Resp: 56764
Ion Ratio Lower Upper
106 100
91 196.4 156.0 234.0

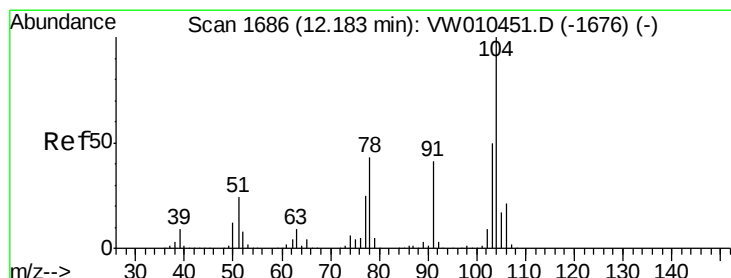
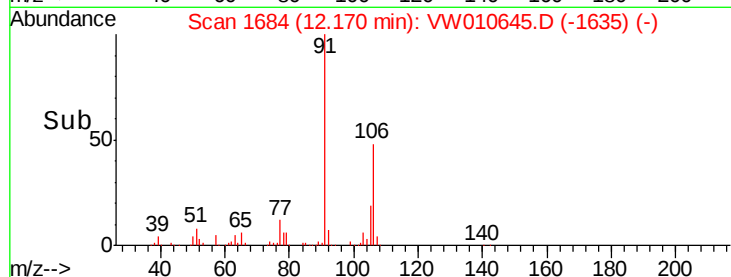
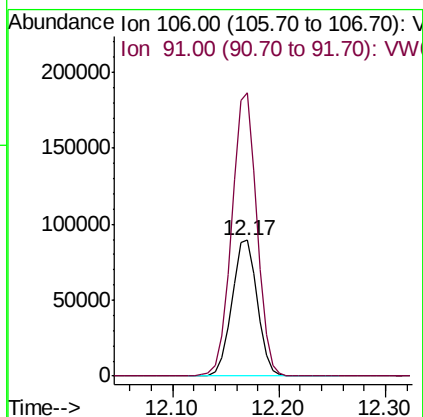
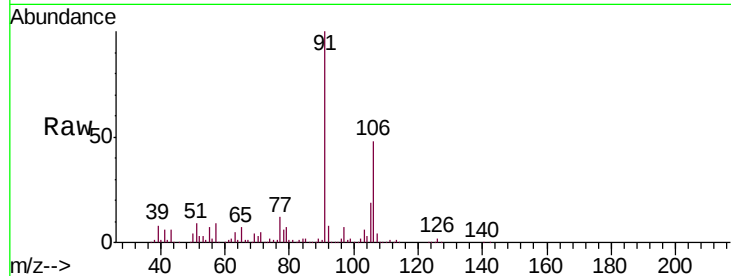




#69
o-Xylene
Concen: 42.776 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW010645.D
Acq: 31 May 2019 19:09

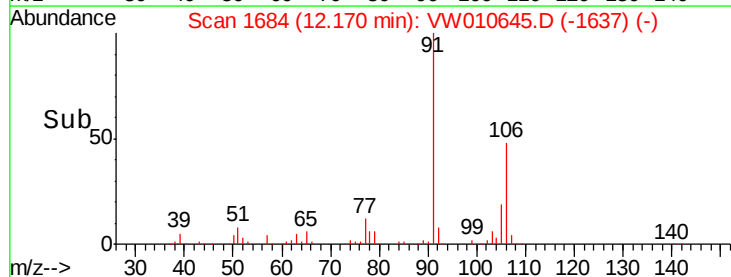
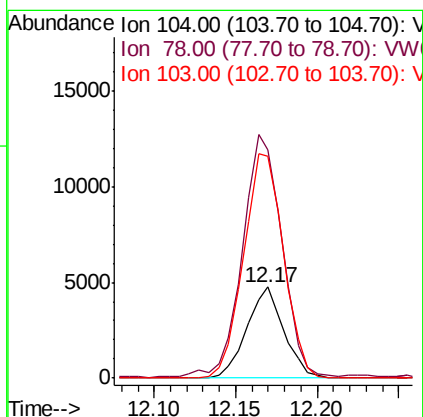
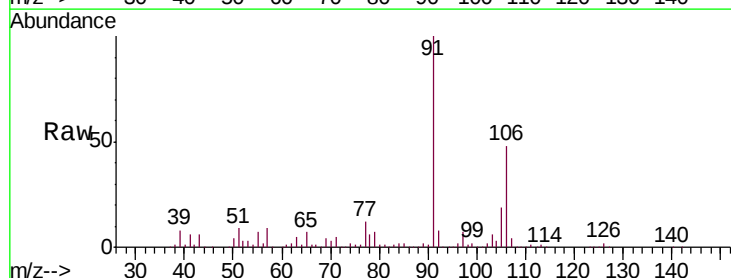
Instrument :
MSVOA_W
ClientSampleId :
0442-PR-5(PASSAIC)

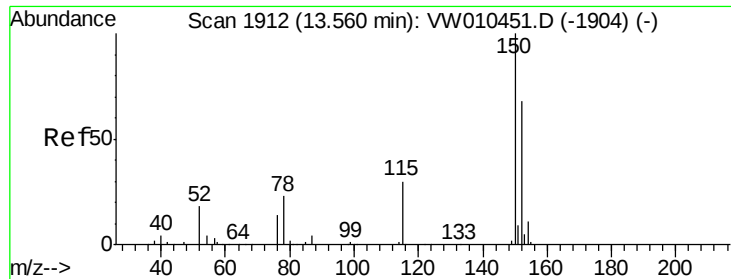
Tgt Ion:106 Resp: 149458
Ion Ratio Lower Upper
106 100
91 206.4 103.2 309.4



#70
Styrene
Concen: 1.267 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.01 min
Lab File: VW010645.D
Acq: 31 May 2019 19:09

Tgt Ion:104 Resp: 7514
Ion Ratio Lower Upper
104 100
78 289.6 39.0 58.4#
103 265.8 43.0 64.6#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010645.D

Acq: 31 May 2019 19:09

Instrument :

MSVOA_W

ClientSampleId :

0442-PR-5(PASSAIC)

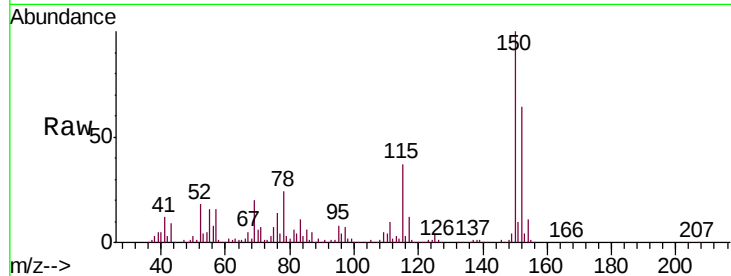
Tgt Ion:152 Resp: 112080

Ion Ratio Lower Upper

152 100

115 55.8 30.3 91.0

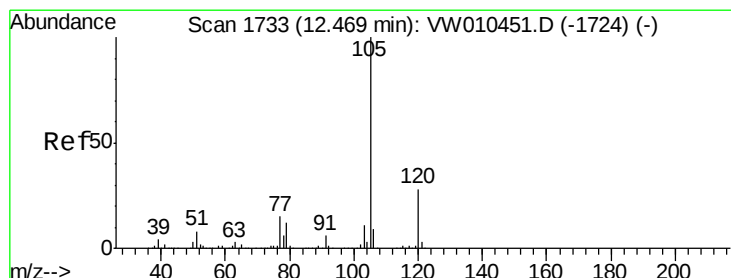
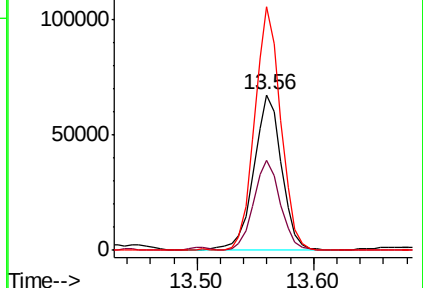
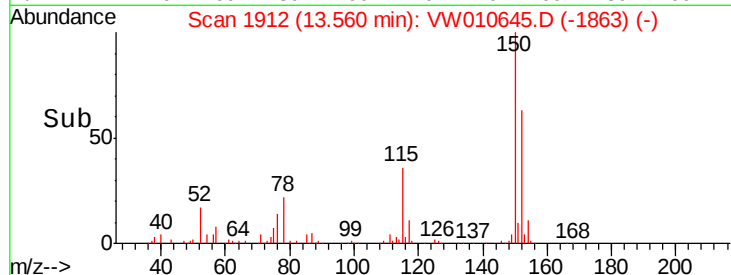
150 146.2 0.0 349.8



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



#73

Isopropylbenzene

Concen: 6.096 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW010645.D

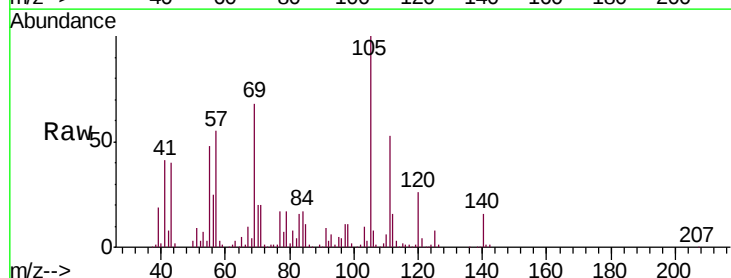
Acq: 31 May 2019 19:09

Tgt Ion:105 Resp: 54217

Ion Ratio Lower Upper

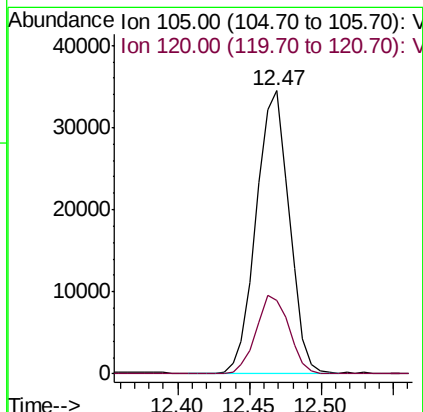
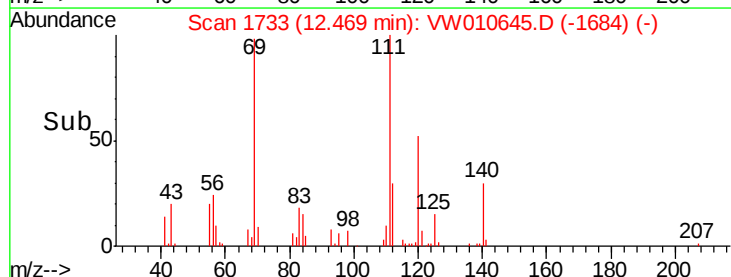
105 100

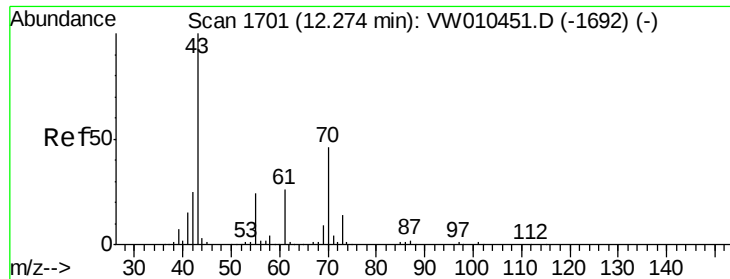
120 27.7 13.9 41.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 47.272 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW010645.D

Acq: 31 May 2019 19:09

Instrument :

MSVOA_W

ClientSampleId :

0442-PR-5(PASSAIC)

Tgt Ion: 43 Resp: 96344

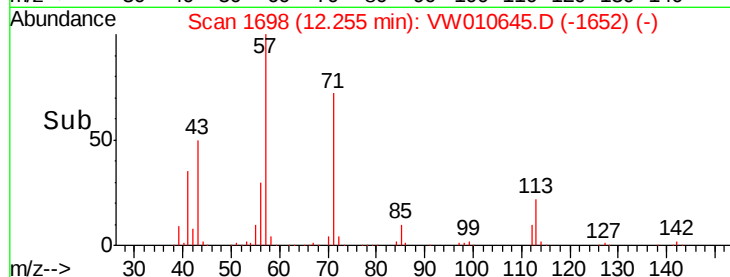
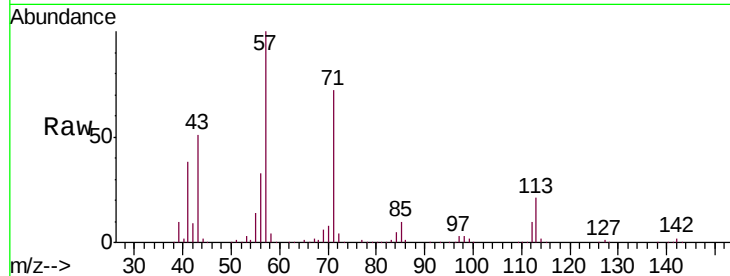
Ion Ratio Lower Upper

43 100

70 23.1 37.1 55.7#

55 0.0 19.6 29.4#

61 0.0 20.7 31.1#

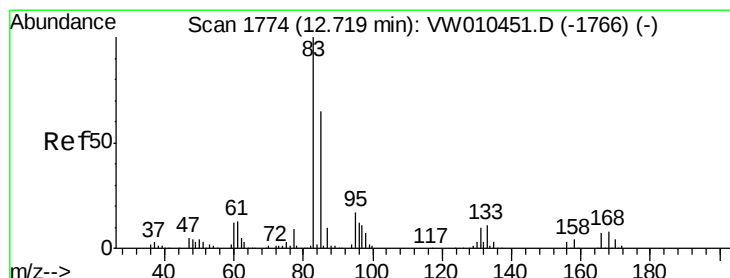
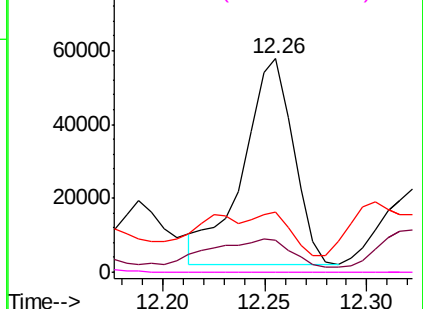


Abundance Ion 43.00 (42.70 to 43.70): VW

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



#75

1,1,2,2-Tetrachloroethane

Concen: 7.882 ug/l

RT: 12.69 min Scan# 1769

Delta R.T. -0.03 min

Lab File: VW010645.D

Acq: 31 May 2019 19:09

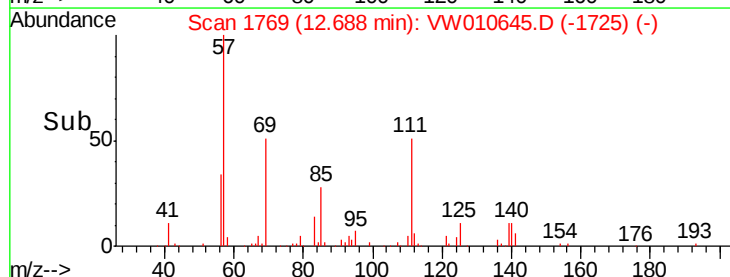
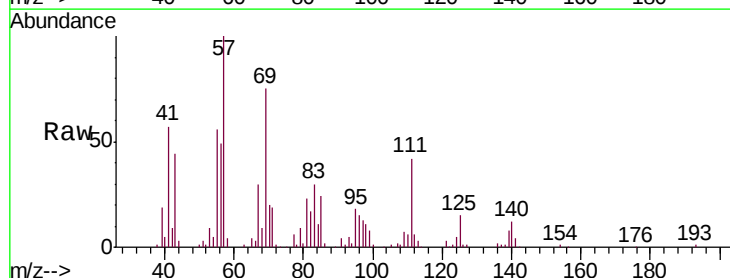
Tgt Ion: 83 Resp: 12751

Ion Ratio Lower Upper

83 100

131 0.0 5.6 16.8#

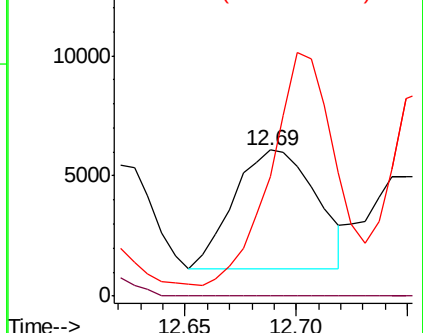
85 151.7 32.4 97.0#

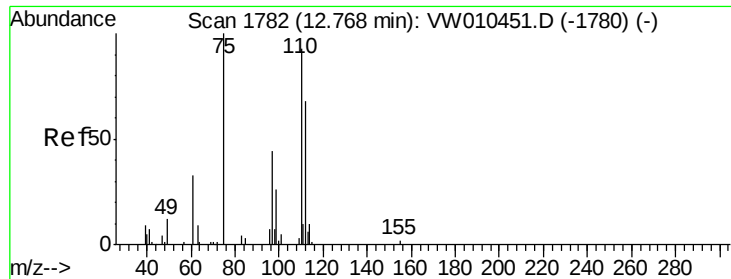


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW





#76

1,2,3-Trichloropropane

Concen: 53.198 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010645.D

Acq: 31 May 2019 19:09

Instrument :

MSVOA_W

ClientSampleId :

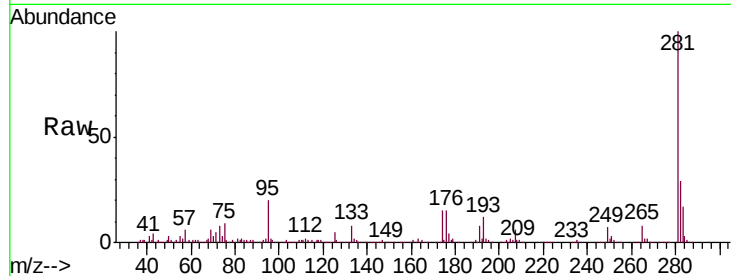
0442-PR-5(PASSAIC)

Tgt Ion: 75 Resp: 60523

Ion Ratio Lower Upper

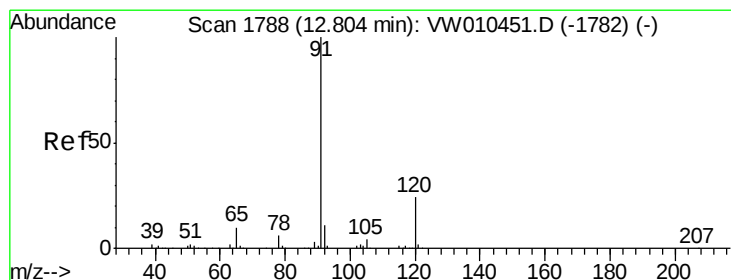
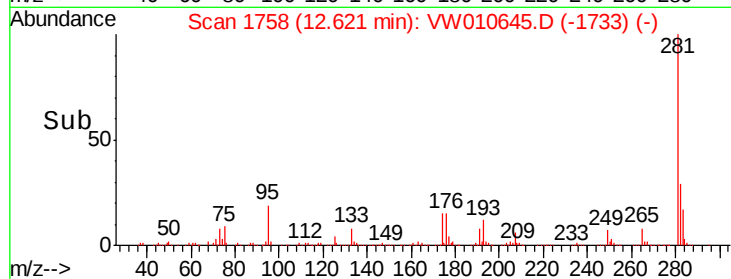
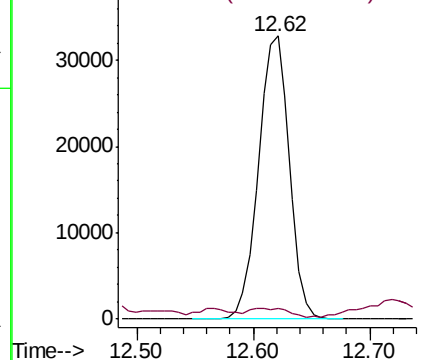
75 100

77 4.0 170.0 510.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#78

n-propylbenzene

Concen: 1.611 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010645.D

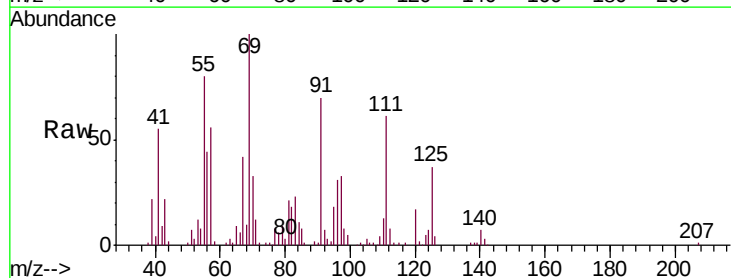
Acq: 31 May 2019 19:09

Tgt Ion: 91 Resp: 16699

Ion Ratio Lower Upper

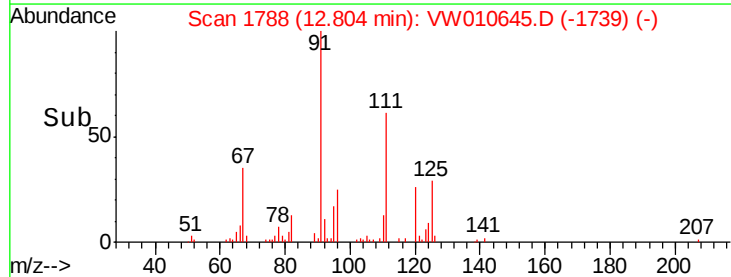
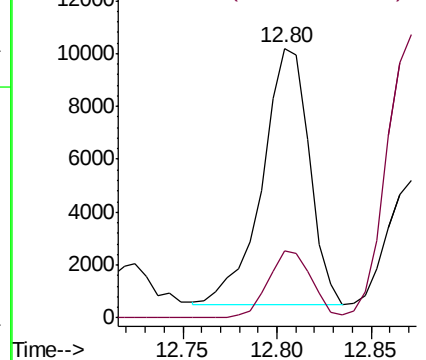
91 100

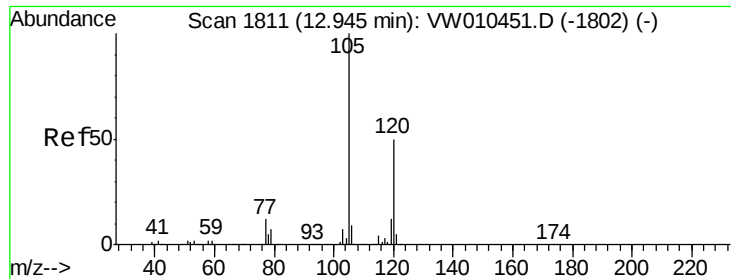
120 24.4 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

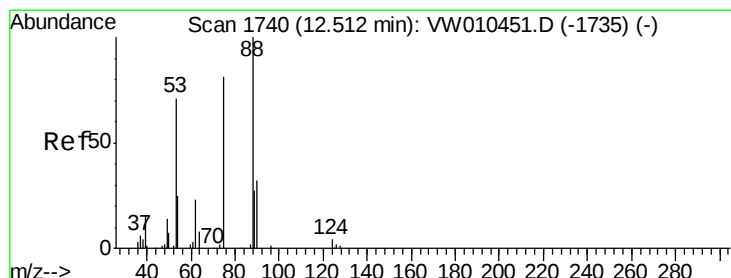
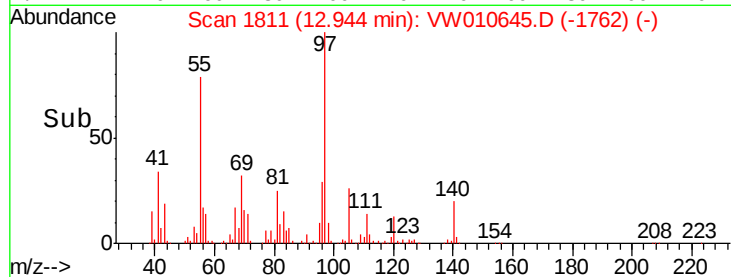
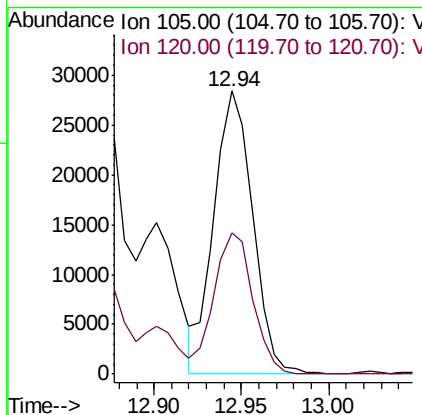
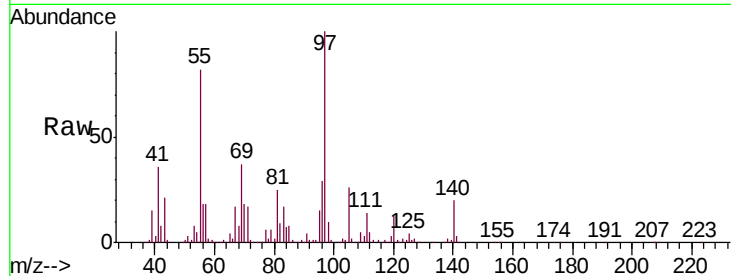




#80
 1,3,5-Trimethylbenzene
 Concen: 5.765 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW010645.D
 Acq: 31 May 2019 19:09

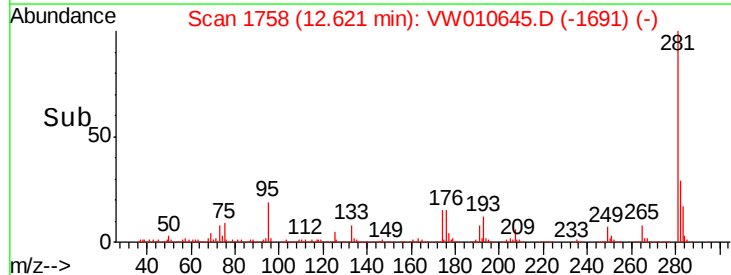
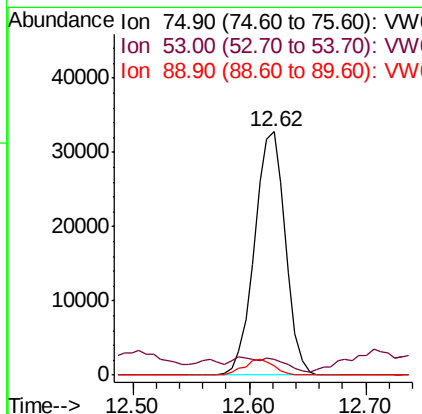
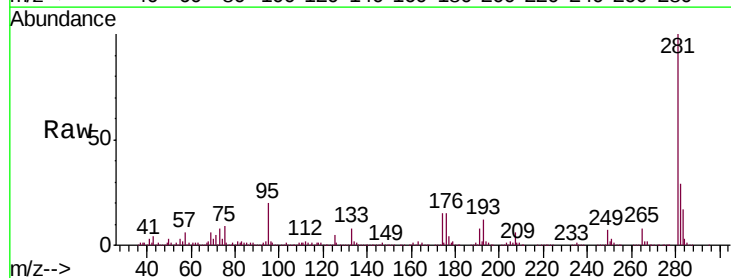
Instrument :
 MSVOA_W
 ClientSampleId :
 0442-PR-5(PASSAIC)

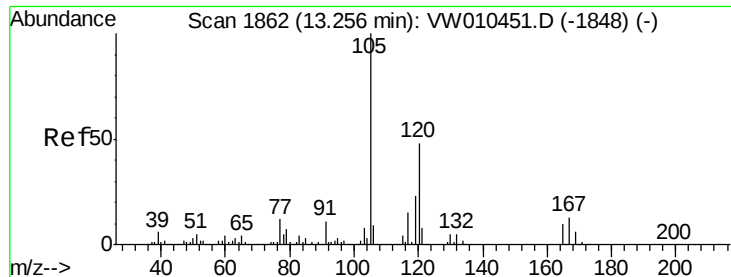
Tgt Ion: 105 Resp: 43427
 Ion Ratio Lower Upper
 105 100
 120 50.8 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.027 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW010645.D
 Acq: 31 May 2019 19:09

Tgt Ion: 75 Resp: 60523
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.8 104.8#
 89 6.3 39.5 59.3#

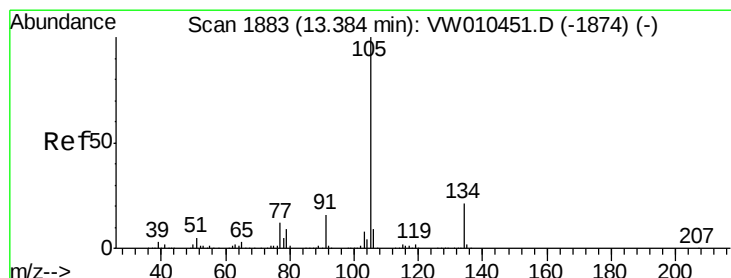
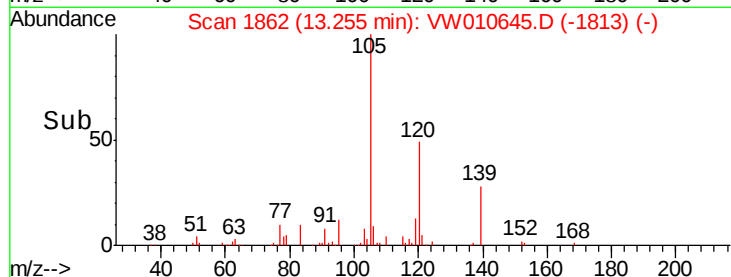
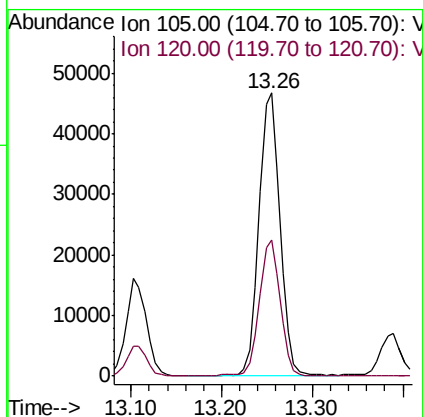
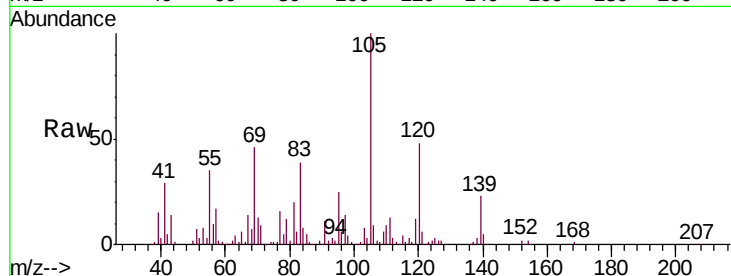




#84
1,2,4-Trimethylbenzene
Concen: 9.985 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW010645.D
Acq: 31 May 2019 19:09

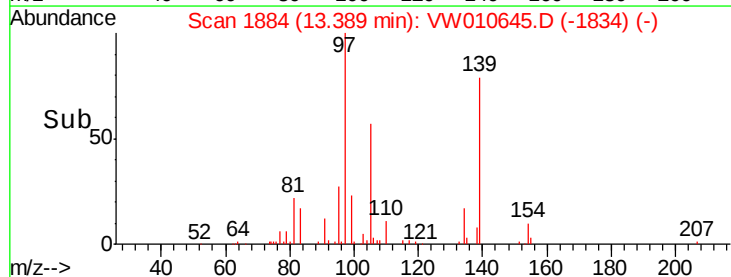
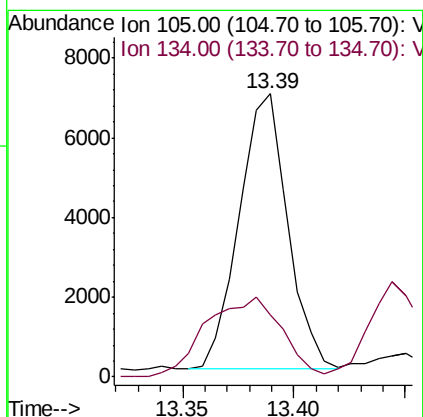
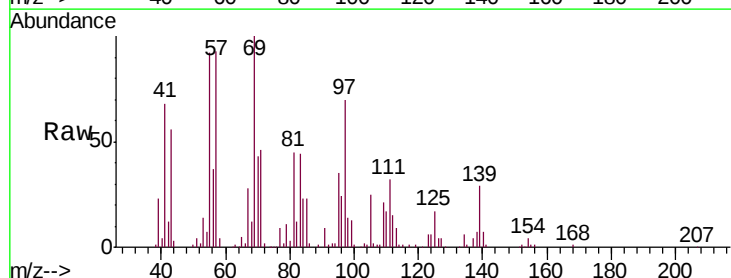
Instrument :
MSVOA_W
ClientSampleId :
0442-PR-5(PASSAIC)

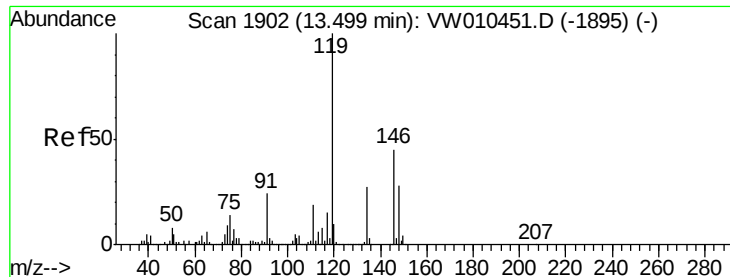
Tgt Ion:105 Resp: 74911
Ion Ratio Lower Upper
105 100
120 48.1 23.4 70.2



#85
sec-Butylbenzene
Concen: 1.136 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. 0.01 min
Lab File: VW010645.D
Acq: 31 May 2019 19:09

Tgt Ion:105 Resp: 10459
Ion Ratio Lower Upper
105 100
134 45.2 10.5 31.6#

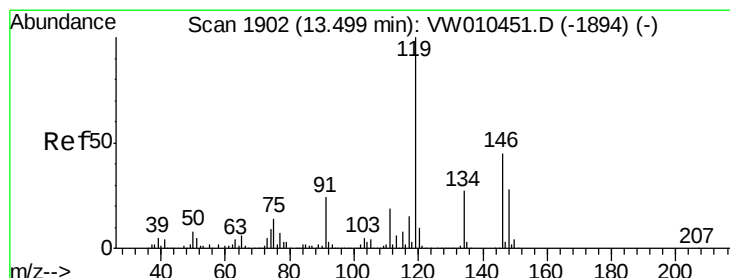
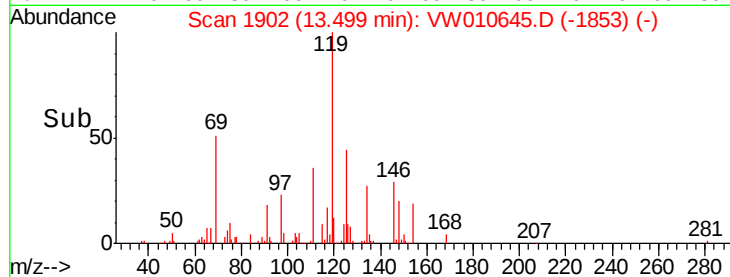
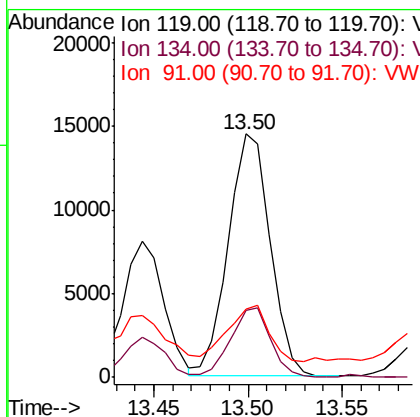
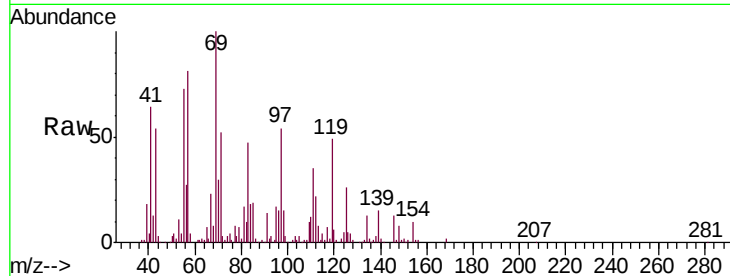




#86
 p-Isopropyltoluene
 Concen: 2.685 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010645.D
 Acq: 31 May 2019 19:09

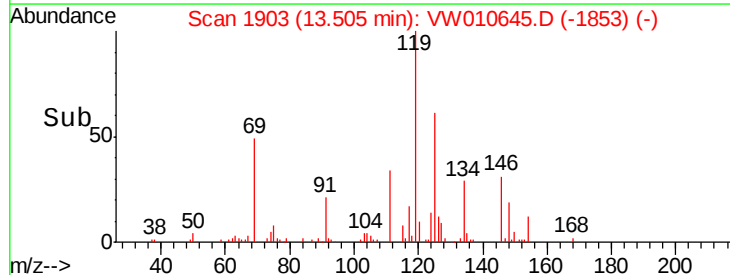
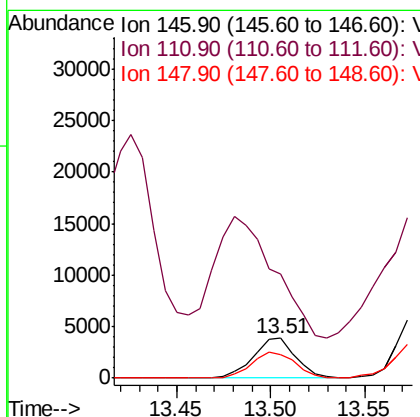
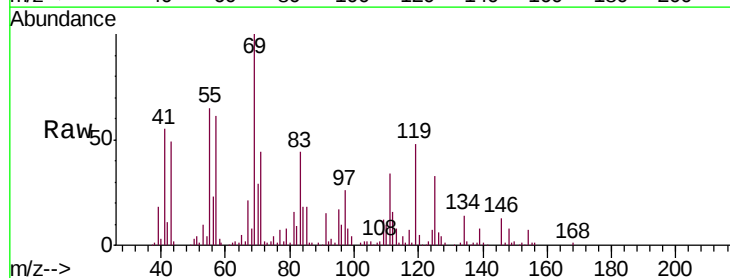
Instrument :
 MSVOA_W
 ClientSampleId :
 0442-PR-5(PASSAIC)

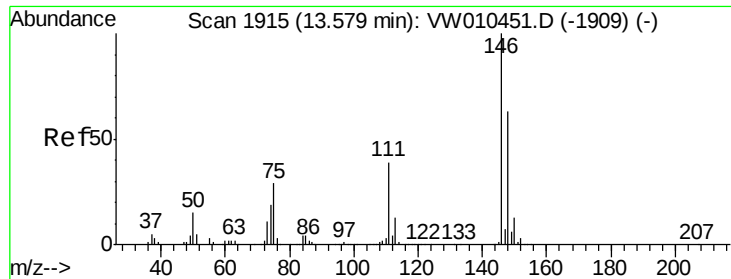
Tgt Ion:119 Resp: 22382
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.6 40.7
 91 22.1 11.9 35.7



#87
 1,3-Dichlorobenzene
 Concen: 1.553 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW010645.D
 Acq: 31 May 2019 19:09

Tgt Ion:146 Resp: 6065
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.3 60.9#
 148 67.7 31.6 94.8





#88

1,4-Dichlorobenzene

Concen: 3.161 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW010645.D

Acq: 31 May 2019 19:09

Instrument :

MSVOA_W

ClientSampleId :

0442-PR-5(PASSAIC)

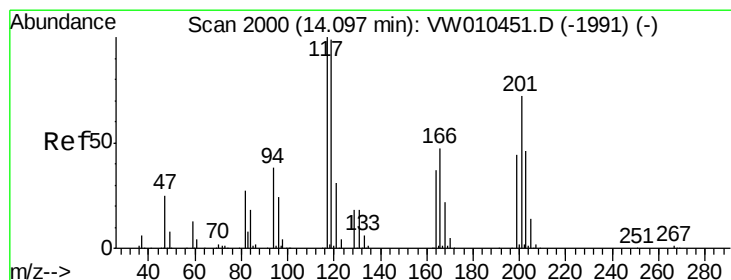
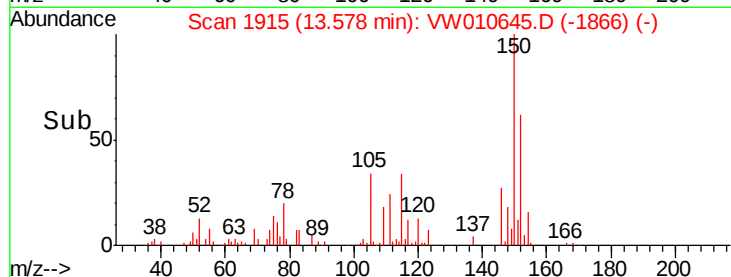
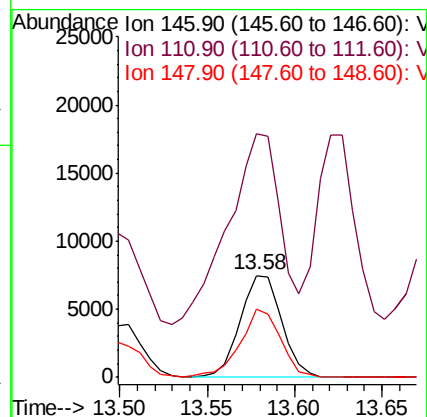
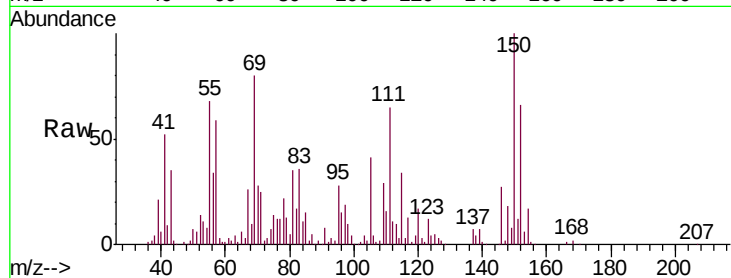
Tgt Ion:146 Resp: 12383

Ion Ratio Lower Upper

146 100

111 235.7 19.9 59.6#

148 65.4 31.6 94.8



#90

Hexachloroethane

Concen: 2.005 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW010645.D

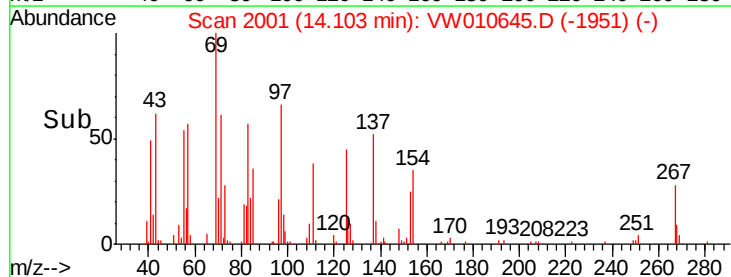
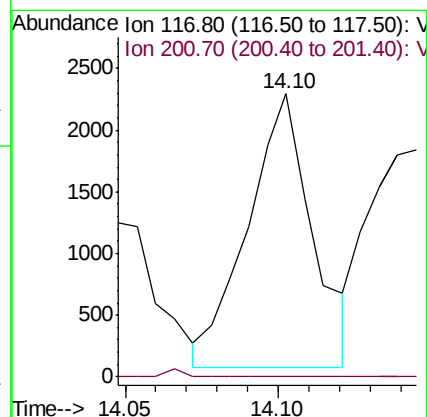
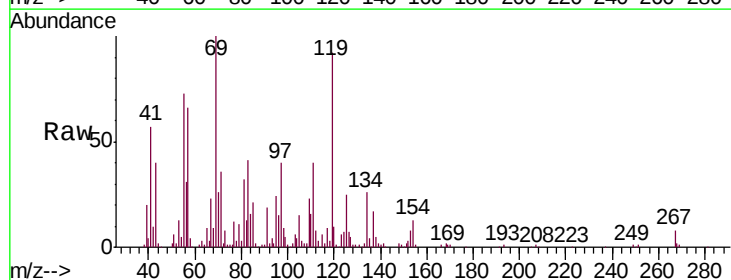
Acq: 31 May 2019 19:09

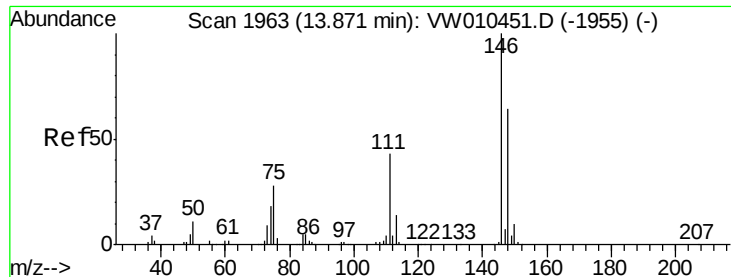
Tgt Ion:117 Resp: 3235

Ion Ratio Lower Upper

117 100

201 0.0 34.6 103.8#

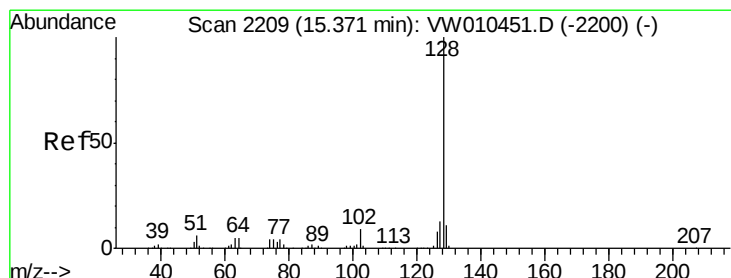
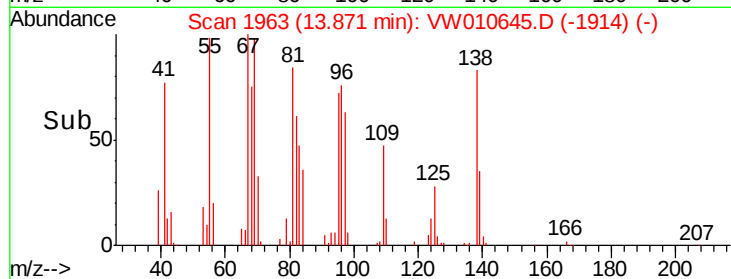
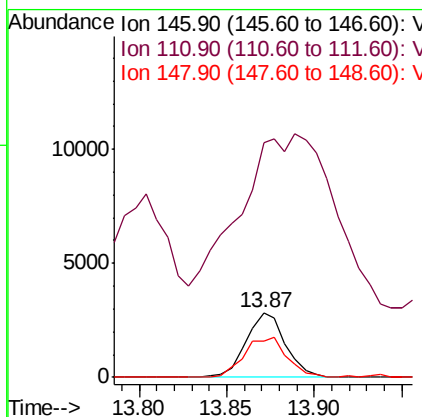
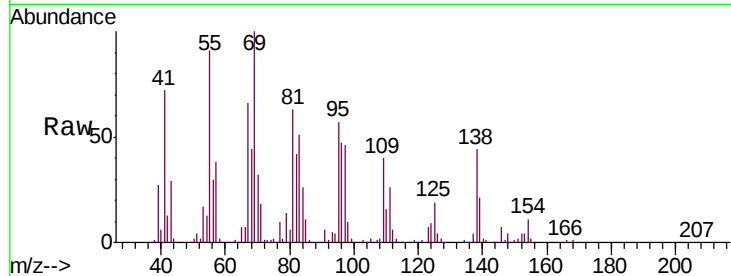




#91
 1,2-Dichlorobenzene
 Concen: 1.248 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW010645.D
 Acq: 31 May 2019 19:09

Instrument :
 MSVOA_W
 ClientSampleId :
 0442-PR-5(PASSAIC)

Tgt Ion:146 Resp: 4442
 Ion Ratio Lower Upper
 146 100
 111 272.7 21.3 64.0#
 148 67.1 32.0 96.0



#95
 Naphthalene
 Concen: 47.437 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: VW010645.D
 Acq: 31 May 2019 19:09

Tgt Ion:128 Resp: 241054
 Ion Ratio Lower Upper
 128 100
 127 13.7 10.6 15.8
 129 11.1 8.9 13.3

