

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV121618\
 Data File : VW007501.D
 Acq On : 13 Dec 2018 22:57
 Operator : SY/AP
 Sample : J6199-05RE
 Misc : 6.39G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-04-121218-ARE

Quant Time: Dec 14 04:29:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	88419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	149682	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	112193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	44859	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	36873	37.59	ug/l	0.00
Spiked Amount			Recovery	=	75.18%	
35) Dibromofluoromethane	7.88	113	34780	38.38	ug/l	0.00
Spiked Amount			Recovery	=	76.76%	
50) Toluene-d8	10.32	98	95815	28.20	ug/l	0.00
Spiked Amount			Recovery	=	56.40%	
62) 4-Bromofluorobenzene	12.62	95	38742	31.02	ug/l	0.00
Spiked Amount			Recovery	=	62.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.67	74	988	2.312	ug/l	93
11) Tert butyl alcohol	5.18	59	1575	23.378	ug/l #	74
16) Acetone	4.12	43	69420	405.157	ug/l	93
18) Methyl Acetate	4.68	43	1970	4.236	ug/l	93
20) Methylene Chloride	4.91	84	16118	14.414	ug/l	96
25) 2-Butanone	7.18	43	1061	4.743	ug/l	97
29) Tetrahydrofuran	7.54	42	151	1.066	ug/l #	52
31) Cyclohexane	7.95	56	1961	1.287	ug/l #	20
36) 1,1-Dichloropropene	7.95	75	6564	4.807	ug/l #	49
37) Ethyl Acetate	7.18	43	1061	2.089	ug/l #	66
38) Carbon Tetrachloride	7.95	117	9297	6.258	ug/l #	17
51) 4-Methyl-2-Pentanone	10.21	43	986	2.080	ug/l	96
52) Toluene	10.39	92	224707	91.632	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	2908	2.293	ug/l #	1
55) 1,1,2-Trichloroethane	10.76	97	1343	1.982	ug/l #	23
58) 2-Chloroethyl Vinyl ether	9.92	63	1181	3.144	ug/l	93
59) 2-Hexanone	10.93	43	1015	3.211	ug/l #	24
67) Ethyl Benzene	11.73	91	45508	11.319	ug/l	92
68) m/p-Xylenes	11.84	106	69963	44.763	ug/l	99
69) o-Xylene	12.17	106	41239	28.251	ug/l	95
70) Styrene	12.18	104	7754	3.289	ug/l #	25
73) Isopropylbenzene	12.47	105	9852	2.866	ug/l	97
74) N-ethyl acetate	12.26	43	2623	4.199	ug/l #	44
76) 1,2,3-Trichloropropane	12.87	75	1097	2.966	ug/l #	1
78) n-propylbenzene	12.81	91	36160	9.348	ug/l	100
79) 2-Chlorotoluene	12.87	91	14070	6.011	ug/l #	44
80) 1,3,5-Trimethylbenzene	12.94	105	54073	18.722	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.62	75	19055	113.802	ug/l #	7
82) 4-Chlorotoluene	12.94	91	5437	2.204	ug/l #	43
83) tert-Butylbenzene	13.26	119	22916	9.005	ug/l #	69
84) 1,2,4-Trimethylbenzene	13.26	105	188570	63.448	ug/l	99
85) sec-Butylbenzene	13.38	105	17403	5.009	ug/l	95
86) p-Isopropyltoluene	13.51	119	13284	4.256	ug/l	99
89) n-Butylbenzene	13.83	91	24862	8.593	ug/l #	72

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Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration

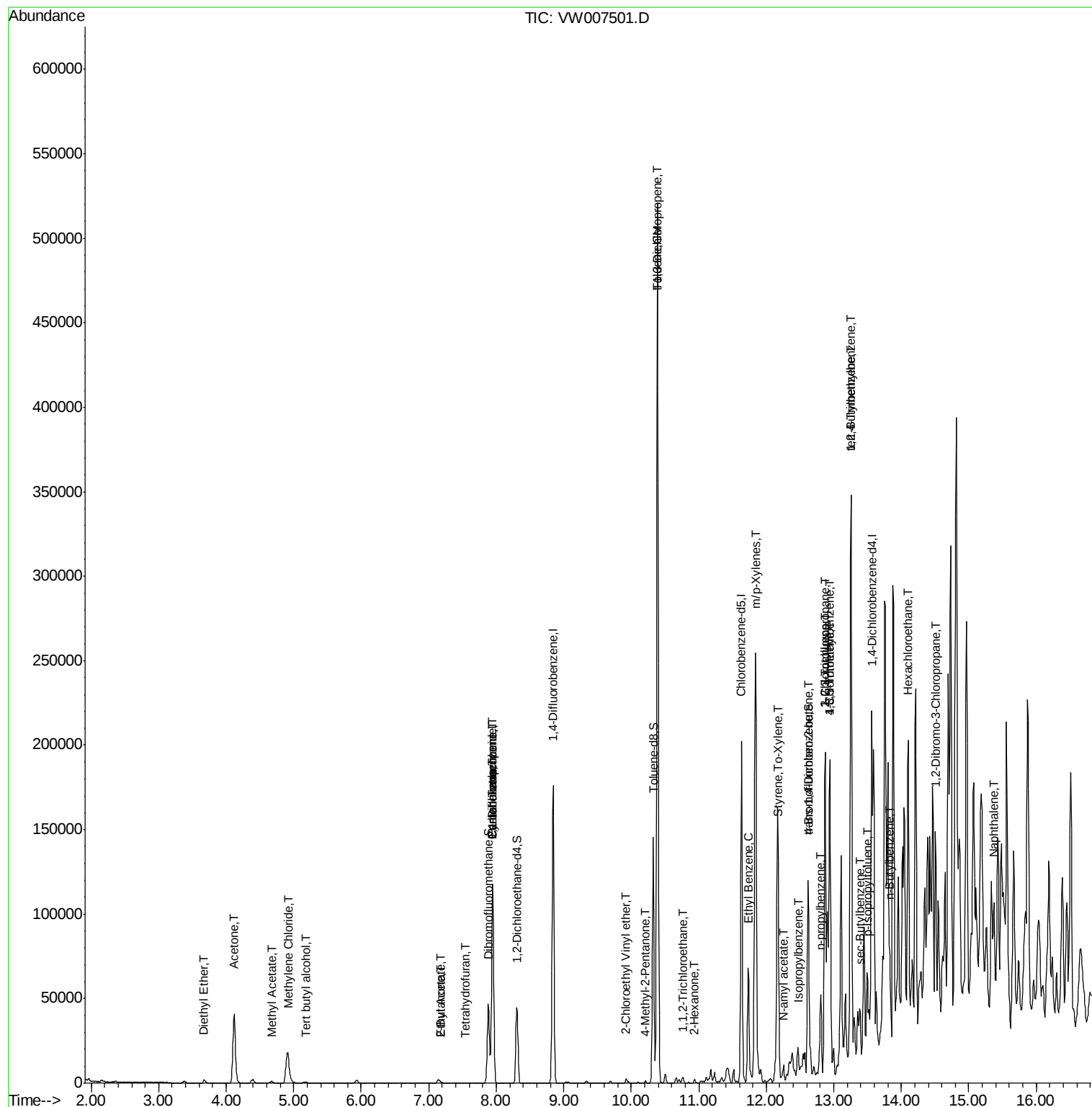
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.10	117	7901	14.228	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.51	75	324	3.171	ug/l #	15
95) Naphthalene	15.37	128	39465	22.032	ug/l #	93

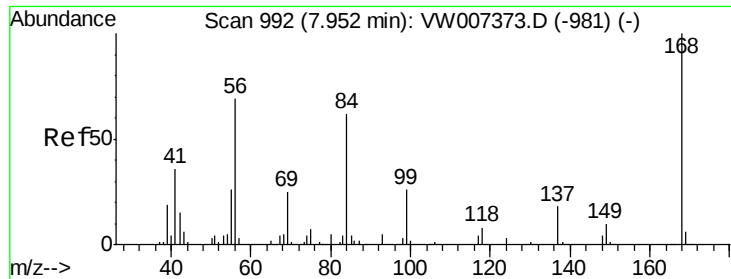
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007501.D

Acq: 13 Dec 2018 22:57

Instrument :

MSVOA_W

ClientSampleId :

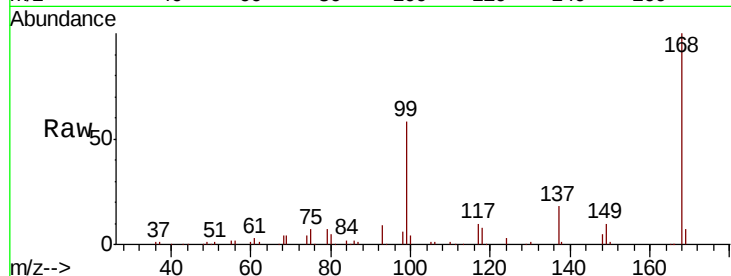
SU-04-121218-ARE

Tot Ion:168 Resp: 88419

Ion Ratio Lower Upper

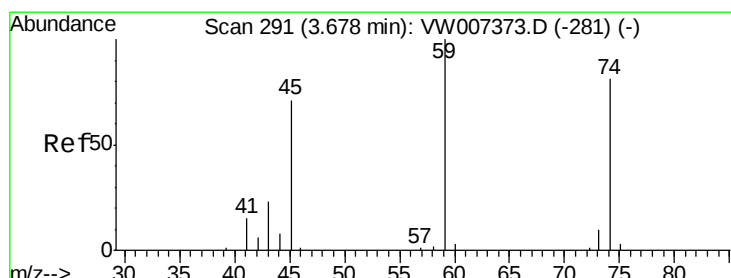
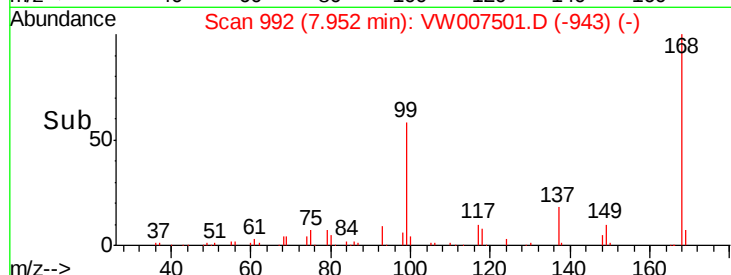
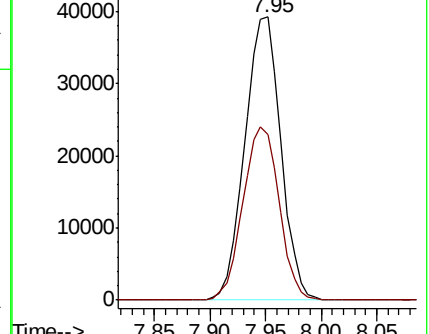
168 100

99 58.4 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 2.312 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW007501.D

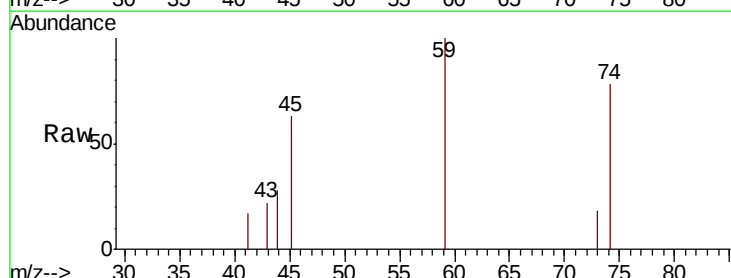
Acq: 13 Dec 2018 22:57

Tgt Ion: 74 Resp: 988

Ion Ratio Lower Upper

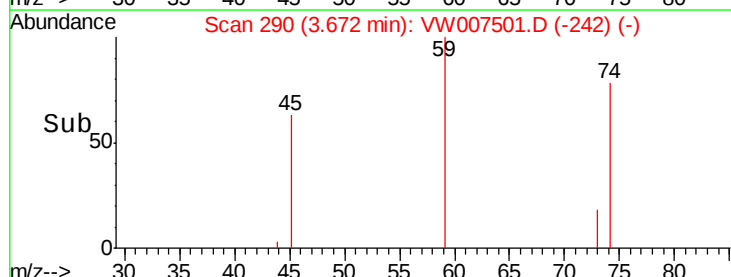
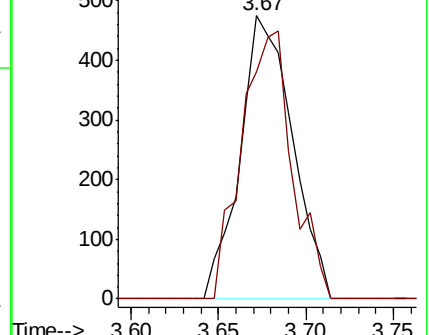
74 100

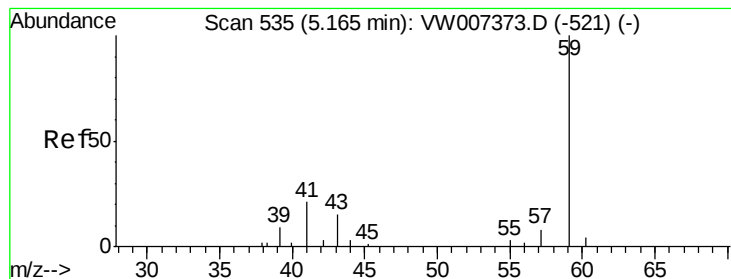
45 92.0 43.0 129.0



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW



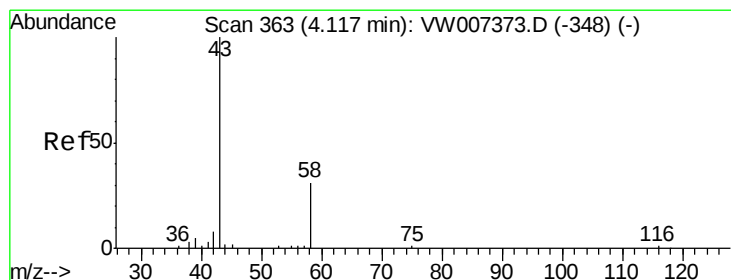
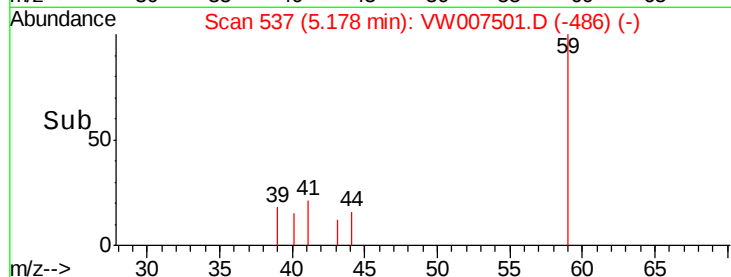
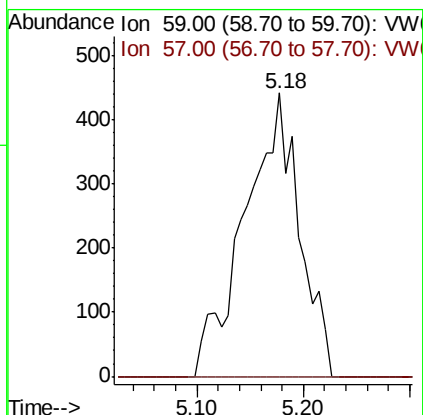
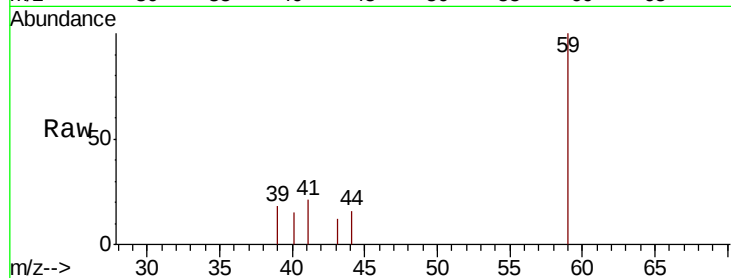


#11

Tert butyl alcohol
 Concen: 23.378 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: VW007501.D
 Acq: 13 Dec 2018 22:57

Instrument :
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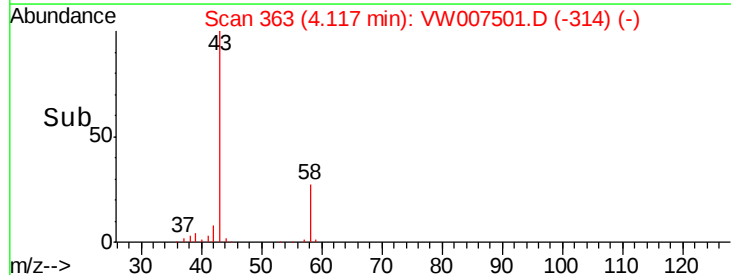
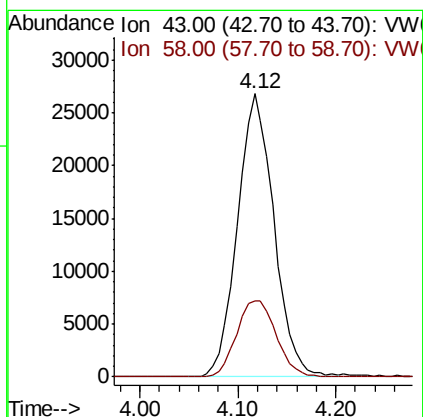
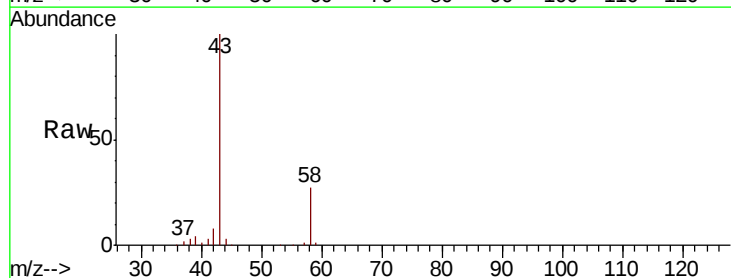
Tot Ion: 59 Resp: 1575
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.6 11.4#

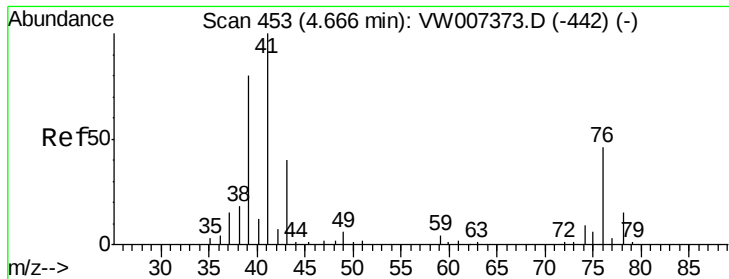


#16

Acetone
 Concen: 405.157 ug/l
 RT: 4.12 min Scan# 363
 Delta R.T. 0.00 min
 Lab File: VW007501.D
 Acq: 13 Dec 2018 22:57

Tgt Ion: 43 Resp: 69420
 Ion Ratio Lower Upper
 43 100
 58 27.0 24.9 37.3

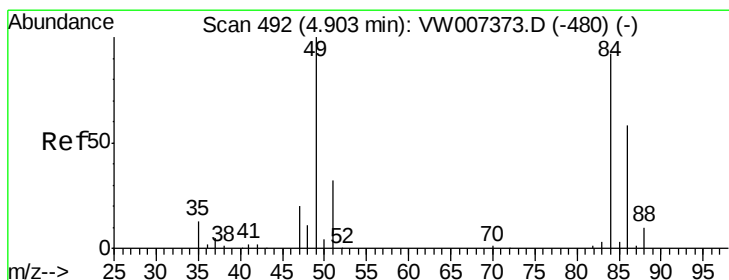
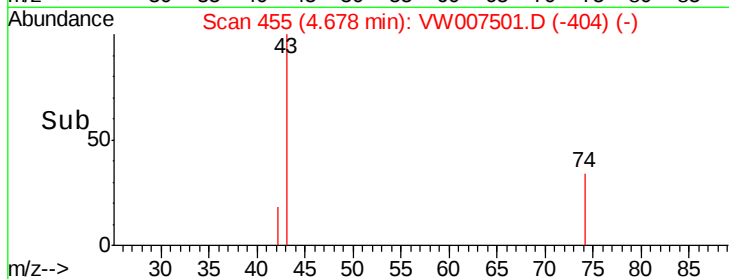
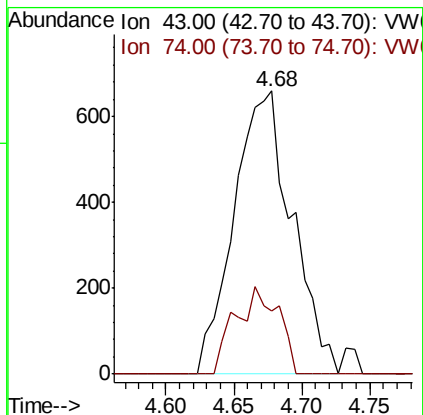
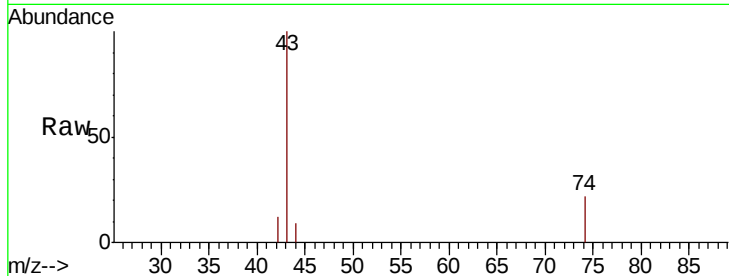




#18
Methyl Acetate
Concen: 4.236 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW007501.D
Acq: 13 Dec 2018 22:57

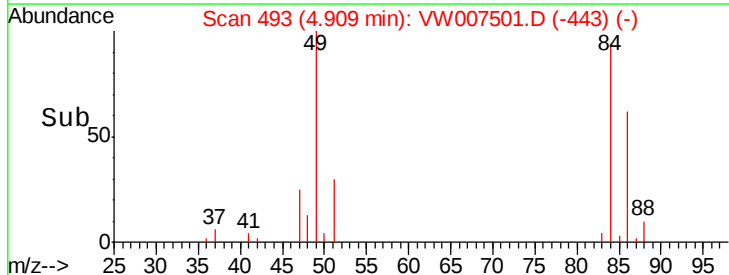
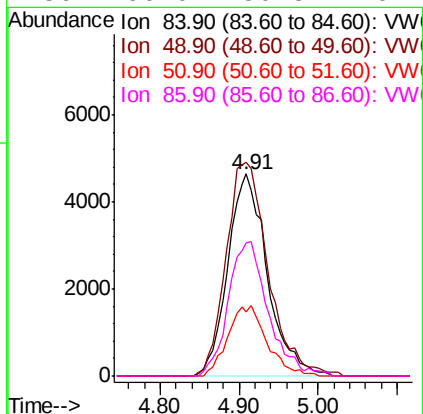
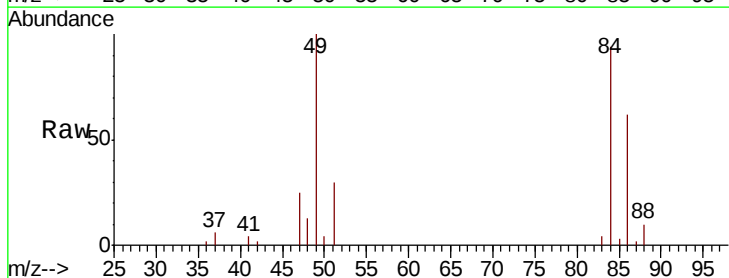
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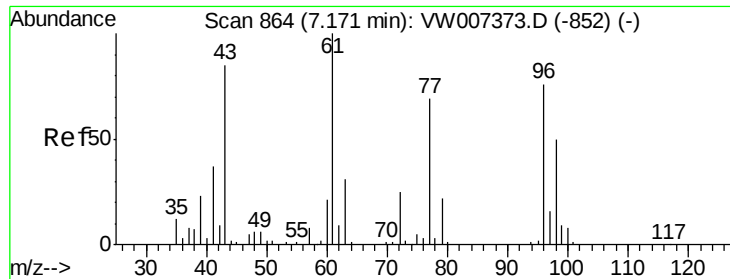
Tot Ion: 43 Resp: 1970
Ion Ratio Lower Upper
43 100
74 22.8 21.1 31.7



#20
Methylene Chloride
Concen: 14.414 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007501.D
Acq: 13 Dec 2018 22:57

Tgt Ion: 84 Resp: 16118
Ion Ratio Lower Upper
84 100
49 105.9 87.1 130.7
51 31.8 28.2 42.2
86 66.0 50.8 76.2

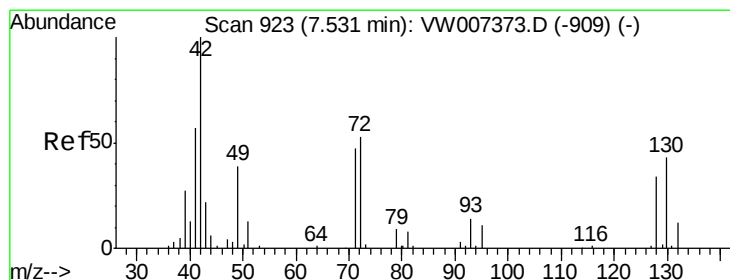
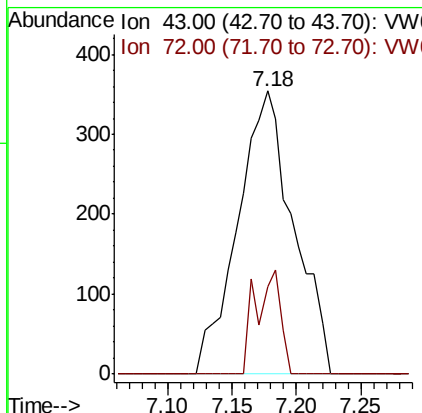
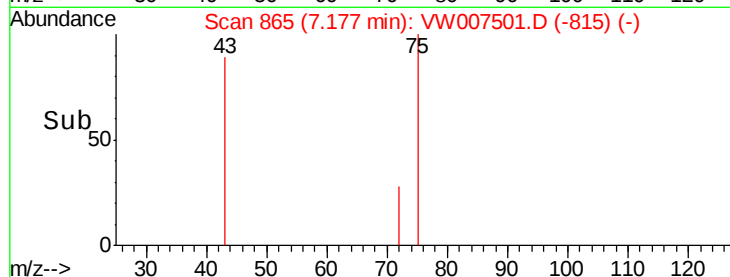
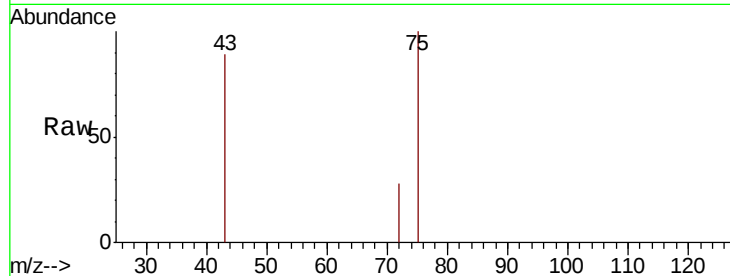




#25
2-Butanone
Concen: 4.743 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW007501.D
Acq: 13 Dec 2018 22:57

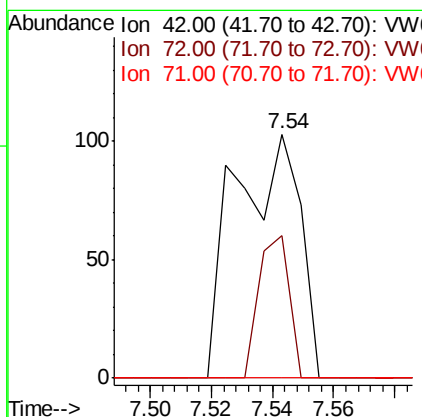
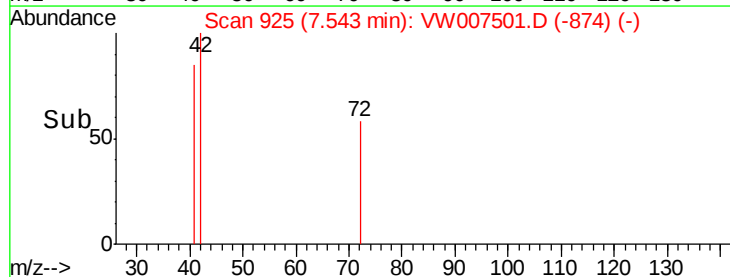
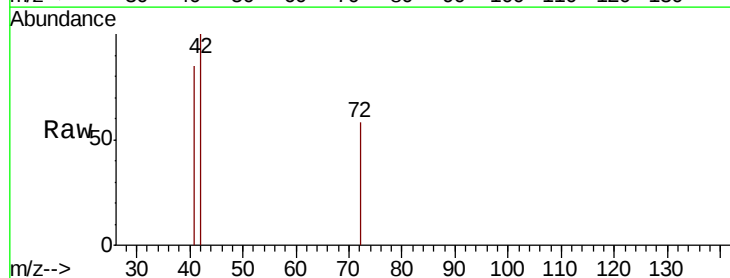
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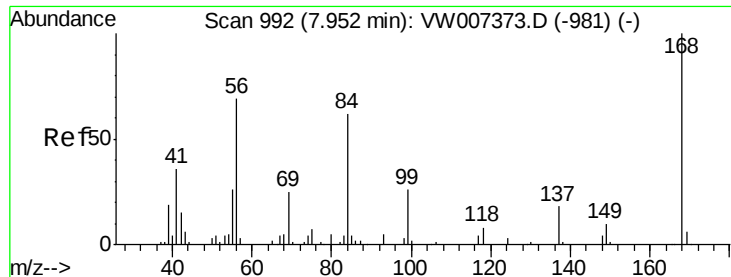
Tot Ion: 43 Resp: 1061
Ion Ratio Lower Upper
43 100
72 31.1 23.4 35.2



#29
Tetrahydrofuran
Concen: 1.066 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW007501.D
Acq: 13 Dec 2018 22:57

Tgt Ion: 42 Resp: 151
Ion Ratio Lower Upper
42 100
72 27.8 38.2 57.4#
71 0.0 35.5 53.3#

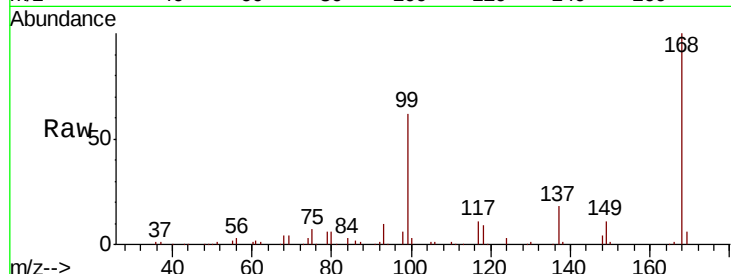




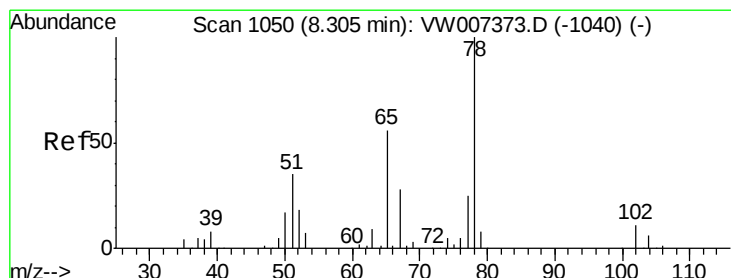
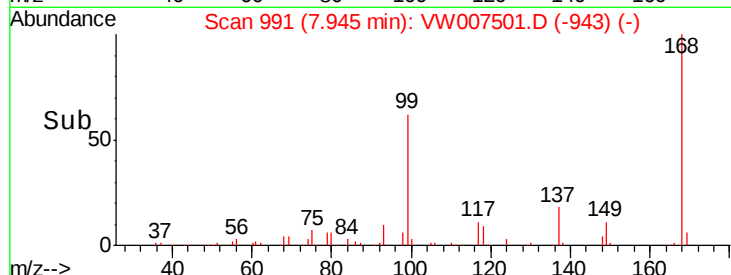
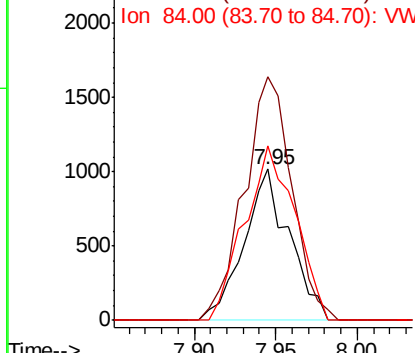
#31
Cyclohexane
Concen: 1.287 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007501.D
Acq: 13 Dec 2018 22:57

Instrument :
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ClientSampleId :
SU-04-121218-ARE

Tot Ion: 56 Resp: 1961
Ion Ratio Lower Upper
56 100
69 161.1 28.9 43.3#
84 115.2 71.8 107.6#

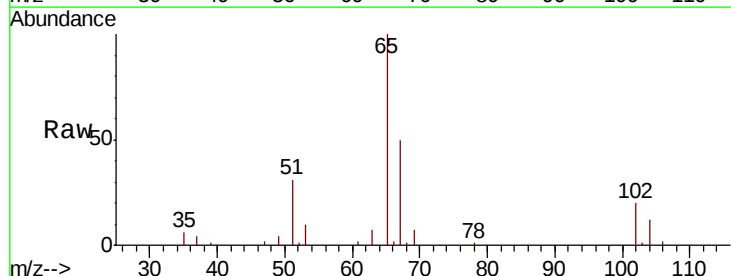


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

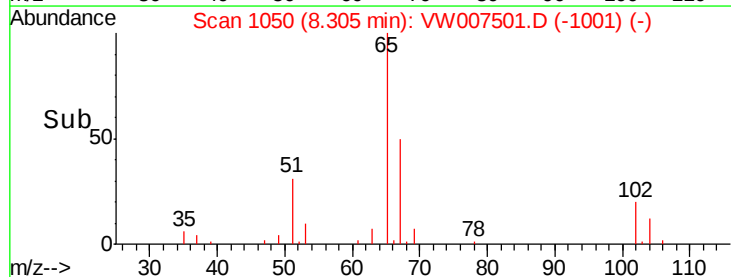
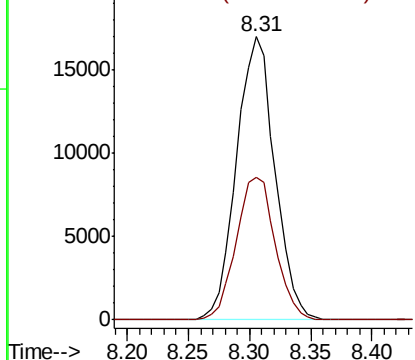


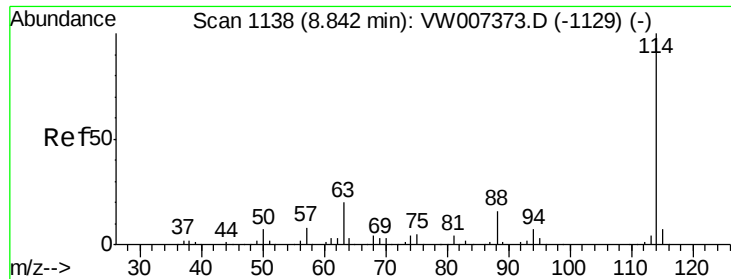
#33
1,2-Dichloroethane-d4
Concen: 37.590 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW007501.D
Acq: 13 Dec 2018 22:57

Tgt Ion: 65 Resp: 36873
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.6



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

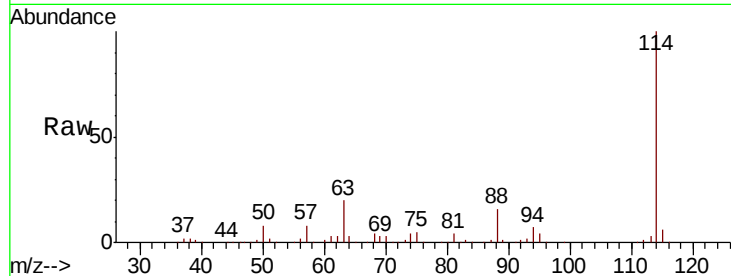




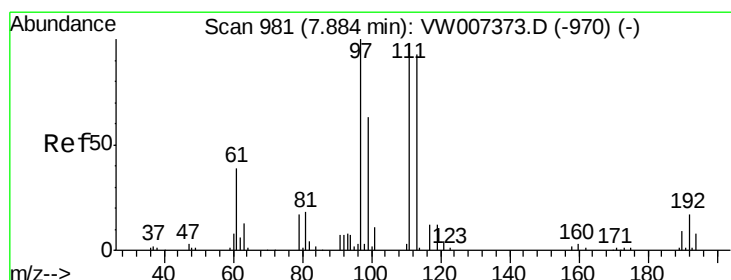
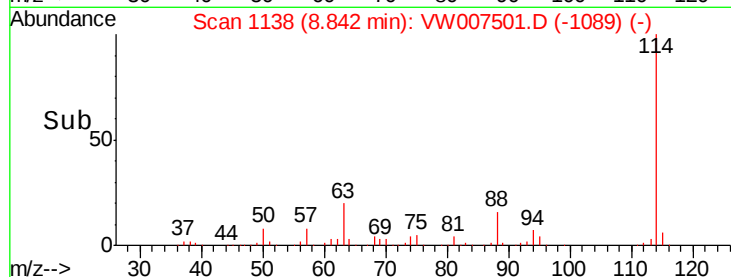
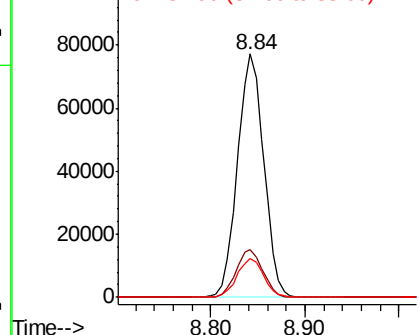
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007501.D
 Acq: 13 Dec 2018 22:57

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 SU-04-121218-ARE

Tot Ion:114 Resp: 149682
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.6
 88 16.0 0.0 31.4

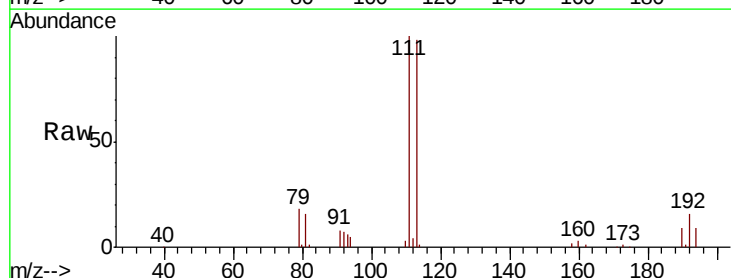


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

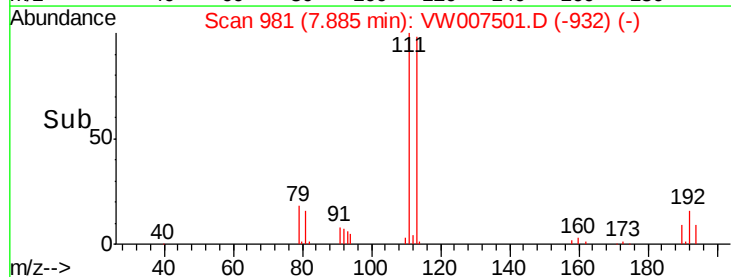
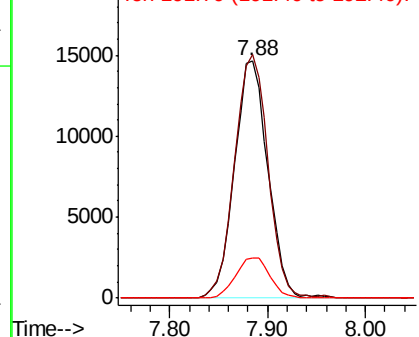


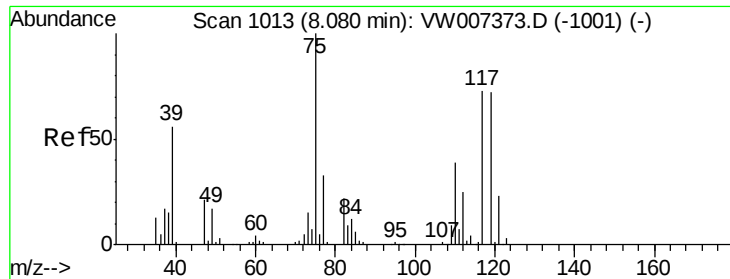
#35
 Dibromofluoromethane
 Concen: 38.385 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007501.D
 Acq: 13 Dec 2018 22:57

Tgt Ion:113 Resp: 34780
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.1 121.7
 192 17.5 14.6 21.8



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

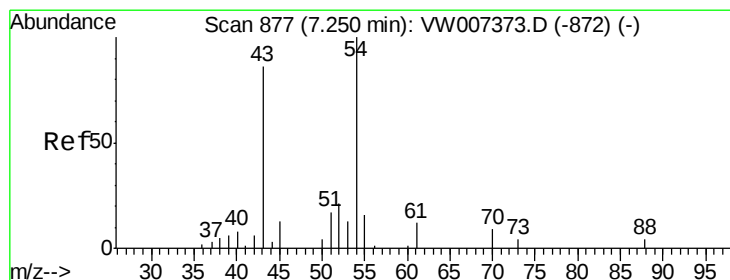
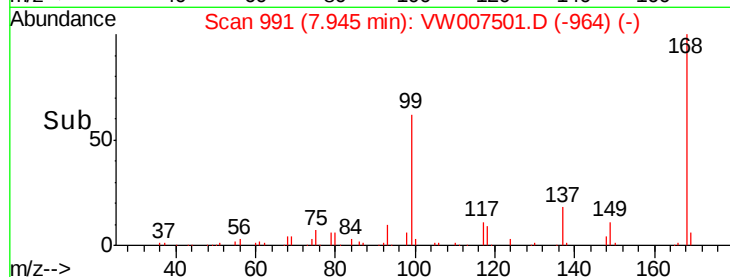
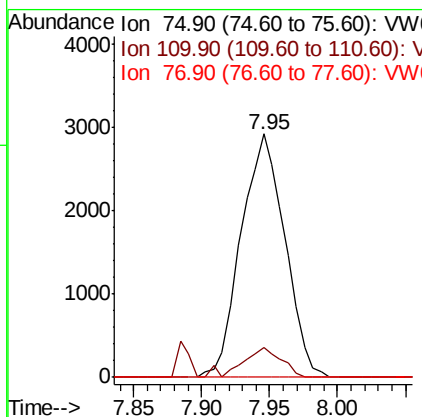
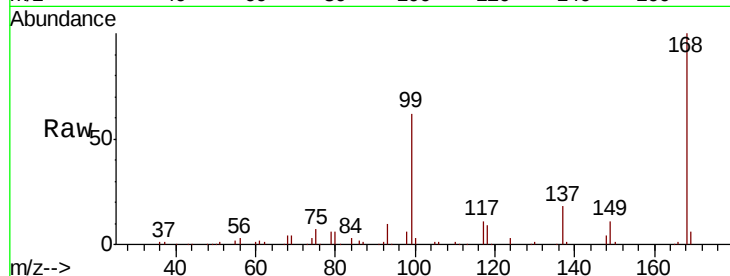




#36
 1,1-Dichloropropene
 Concen: 4.807 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007501.D
 Acq: 13 Dec 2018 22:57

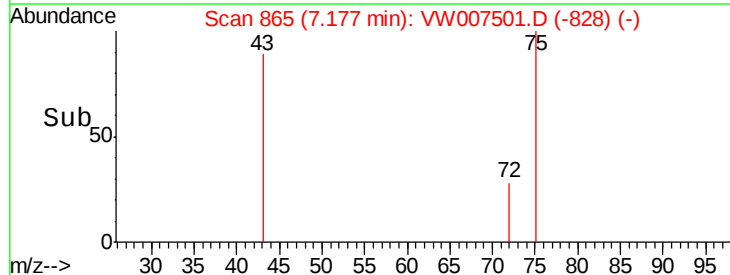
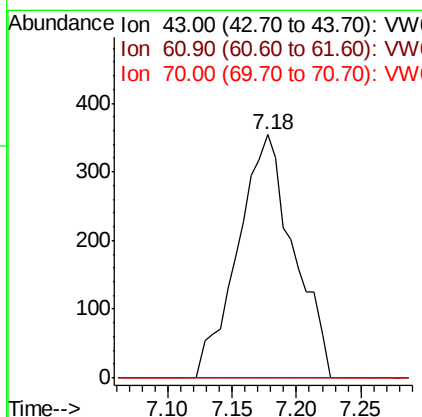
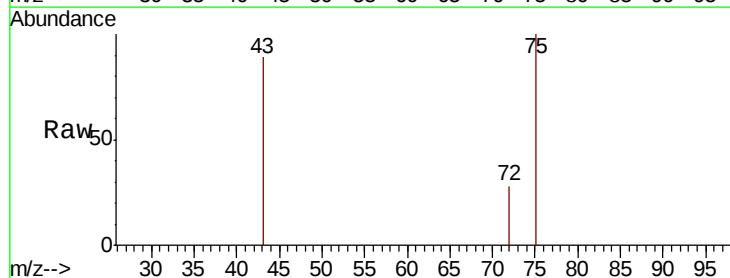
Instrument :
 MSVOA_W
 ClientSampleId :
 SU-04-121218-ARE

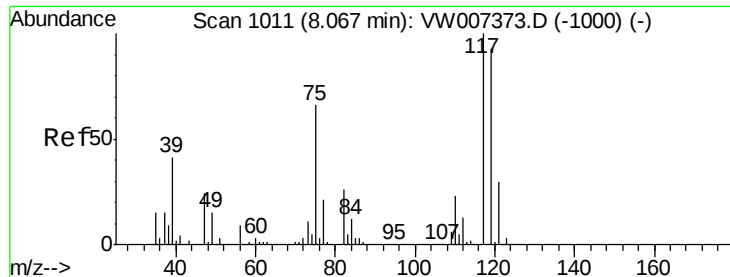
Tot Ion: 75 Resp: 6564
 Ion Ratio Lower Upper
 75 100
 110 10.1 18.5 55.5#
 77 0.0 25.6 38.4#



#37
 Ethyl Acetate
 Concen: 2.089 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.07 min
 Lab File: VW007501.D
 Acq: 13 Dec 2018 22:57

Tgt Ion: 43 Resp: 1061
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.1 18.1#
 70 0.0 10.0 15.0#

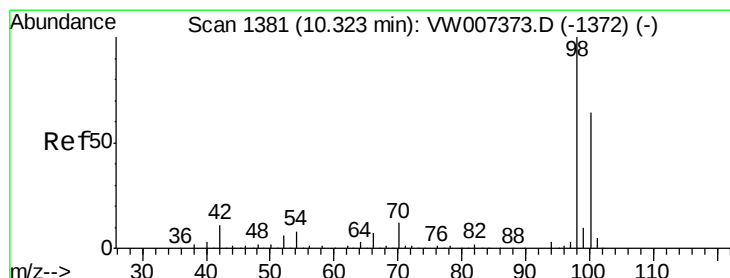
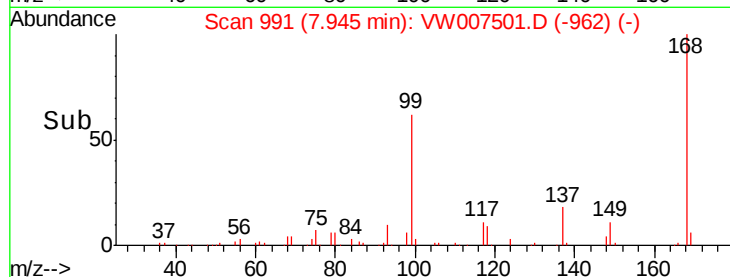
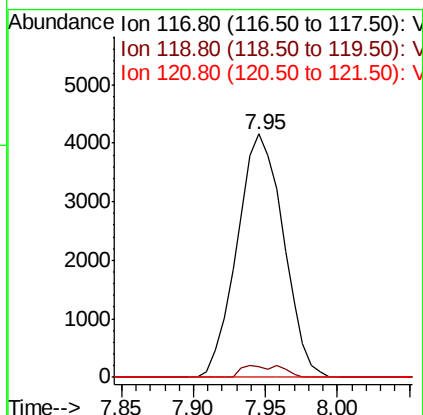
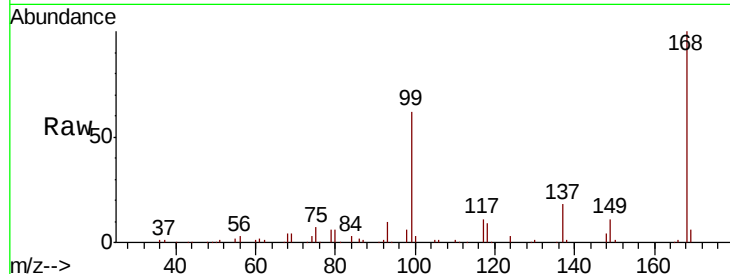




#38
Carbon Tetrachloride
Concen: 6.258 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007501.D
Acq: 13 Dec 2018 22:57

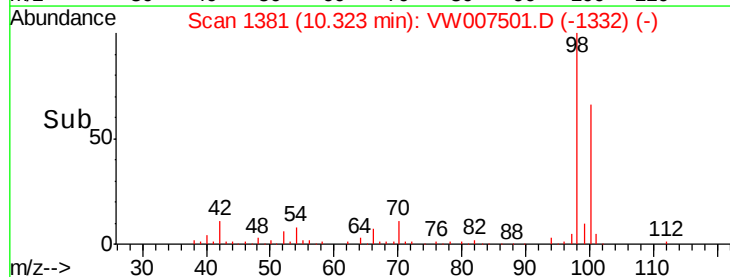
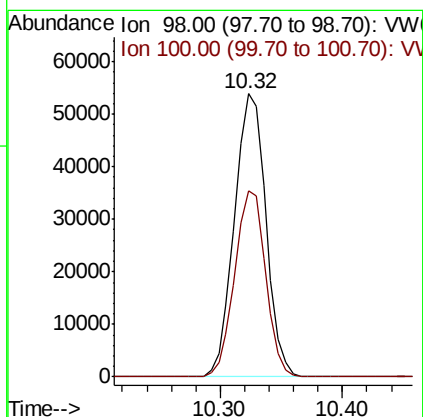
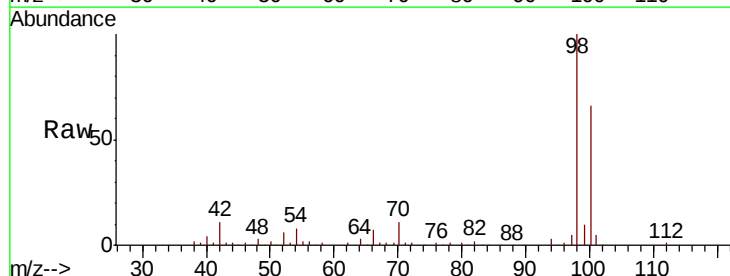
Instrument :
MSVOA_W
ClientSampleId :
SU-04-121218-ARE

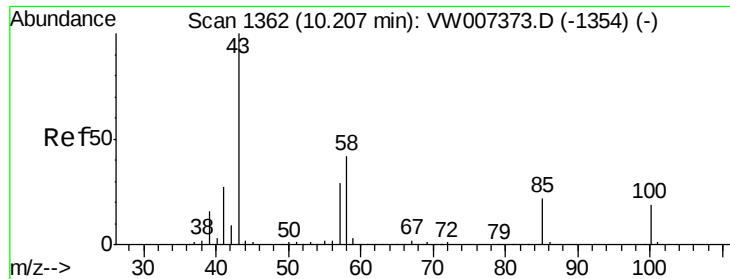
Tot Ion:117 Resp: 9297
Ion Ratio Lower Upper
117 100
119 4.3 74.3 111.5#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 28.203 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW007501.D
Acq: 13 Dec 2018 22:57

Tgt Ion: 98 Resp: 95815
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 2.080 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW007501.D

Acq: 13 Dec 2018 22:57

Instrument :

MSVOA_W

ClientSampleId :

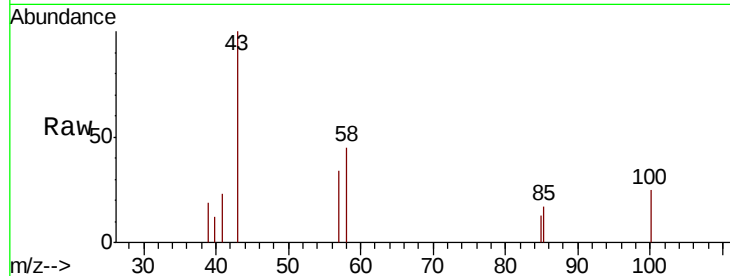
SU-04-121218-ARE

Tot Ion: 43 Resp: 986

Ion Ratio Lower Upper

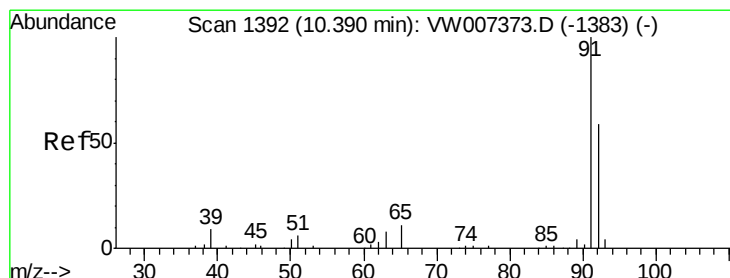
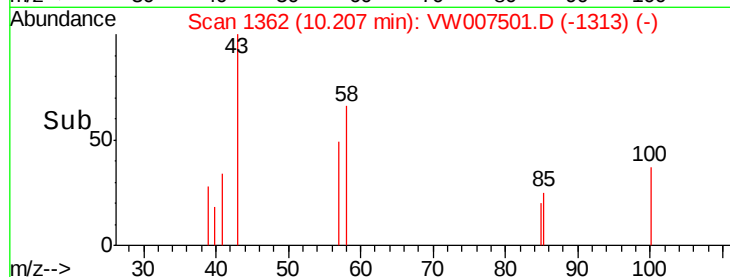
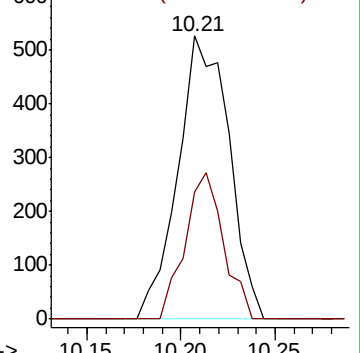
43 100

58 38.9 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 91.632 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007501.D

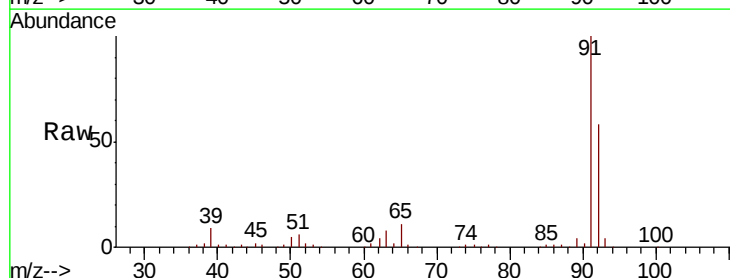
Acq: 13 Dec 2018 22:57

Tgt Ion: 92 Resp: 224707

Ion Ratio Lower Upper

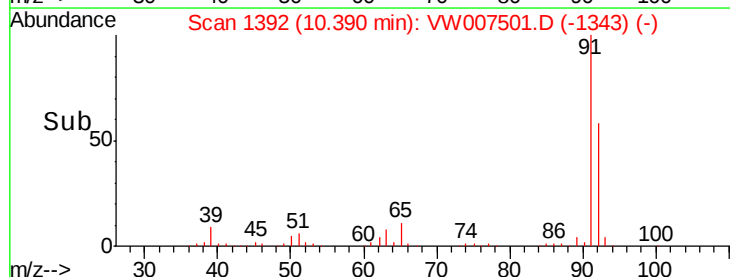
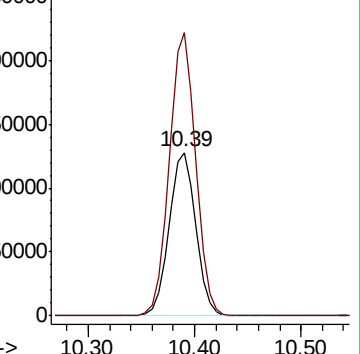
92 100

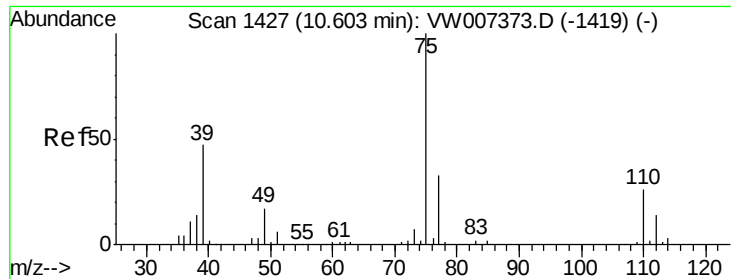
91 171.0 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 2.293 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.22 min

Lab File: VW007501.D

Acq: 13 Dec 2018 22:57

Instrument :

MSVOA_W

ClientSampleId :

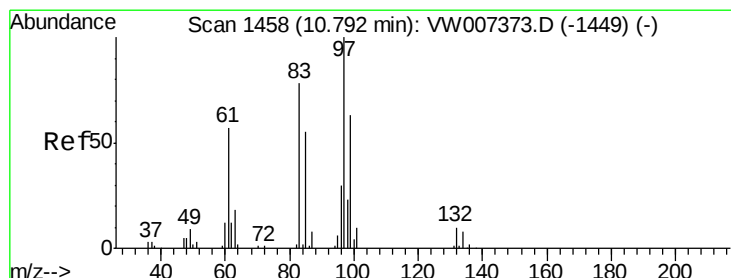
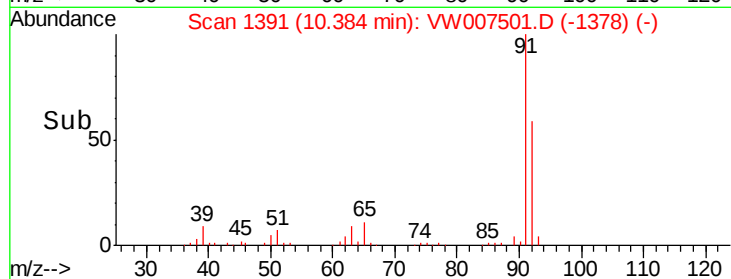
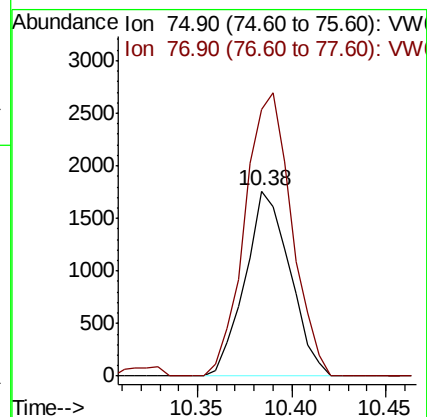
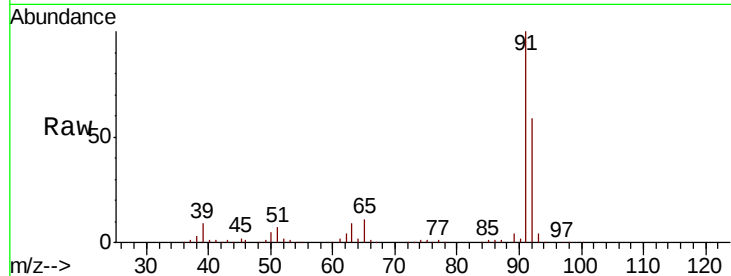
SU-04-121218-ARE

Tot Ion: 75 Resp: 2908

Ion Ratio Lower Upper

75 100

77 144.1 26.2 39.4#



#55

1,1,2-Trichloroethane

Concen: 1.982 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.03 min

Lab File: VW007501.D

Acq: 13 Dec 2018 22:57

Tgt Ion: 97 Resp: 1343

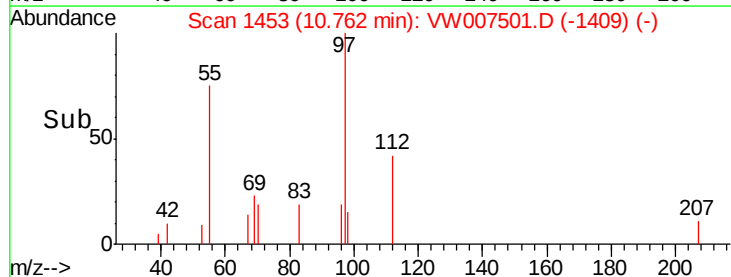
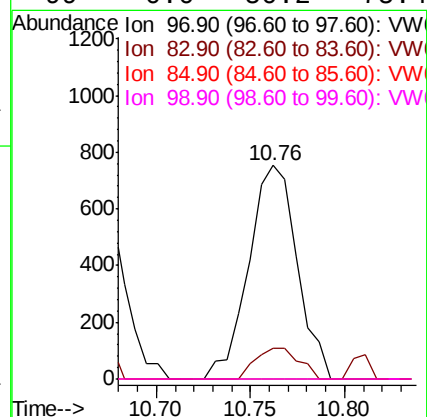
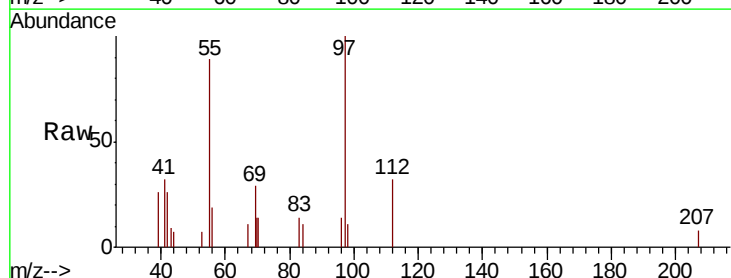
Ion Ratio Lower Upper

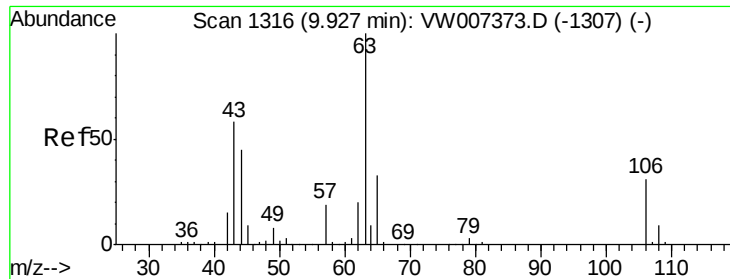
97 100

83 14.1 62.1 93.1#

85 0.0 44.2 66.4#

99 0.0 50.2 75.4#

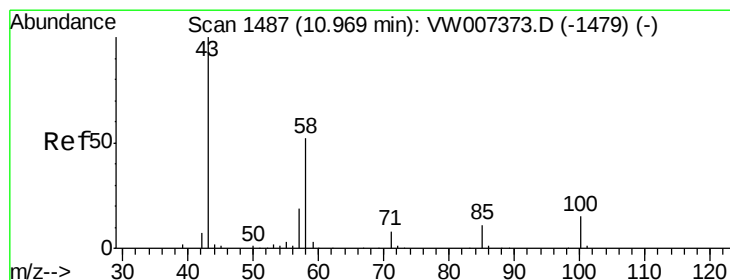
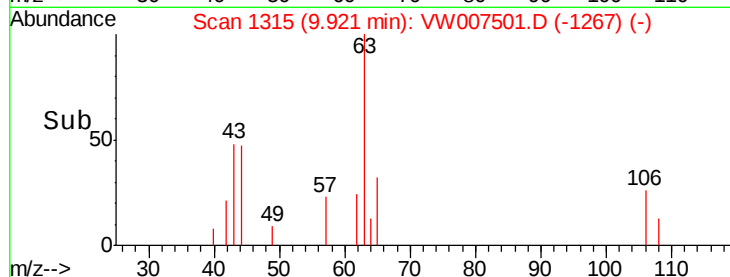
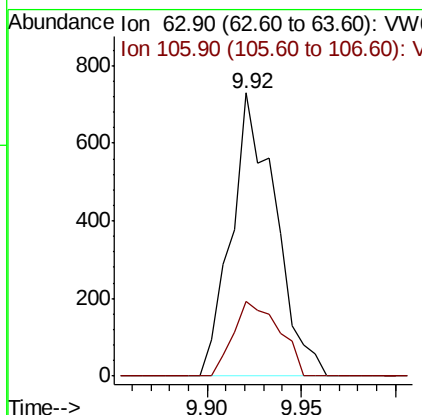
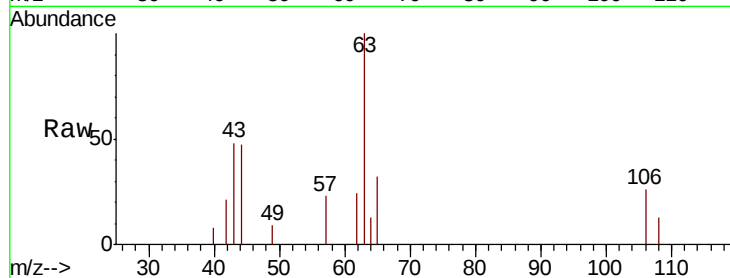




#58
 2-Chloroethyl Vinyl ether
 Concen: 3.144 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW007501.D
 Acq: 13 Dec 2018 22:57

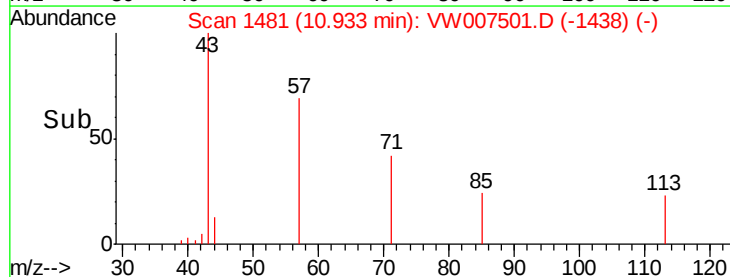
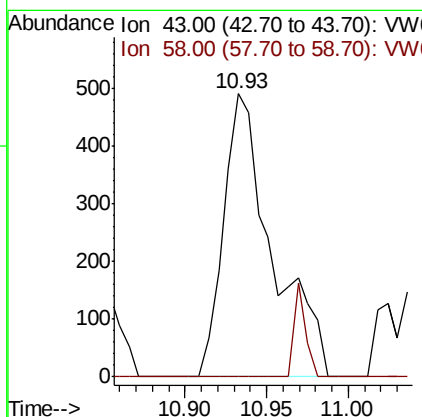
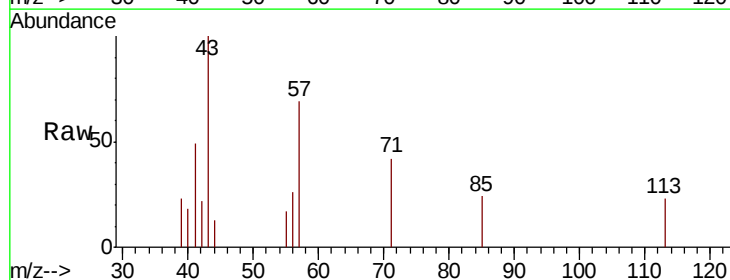
Instrument :
 MSVOA_W
 ClientSampleId :
 SU-04-121218-ARE

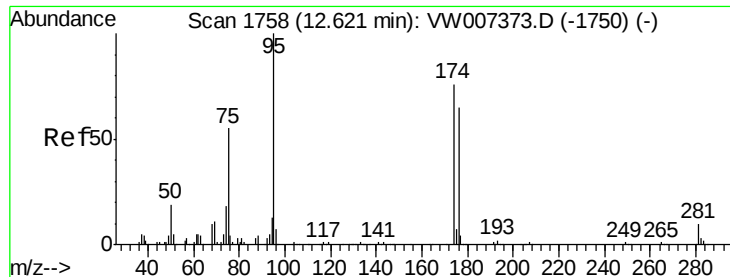
Tot Ion: 63 Resp: 1181
 Ion Ratio Lower Upper
 63 100
 106 27.6 25.0 37.6



#59
 2-Hexanone
 Concen: 3.211 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.04 min
 Lab File: VW007501.D
 Acq: 13 Dec 2018 22:57

Tgt Ion: 43 Resp: 1015
 Ion Ratio Lower Upper
 43 100
 58 0.0 27.1 81.3#





#62

4-Bromofluorobenzene

Concen: 31.016 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007501.D

Acq: 13 Dec 2018 22:57

Instrument :

MSVOA_W

ClientSampleId :

SU-04-121218-ARE

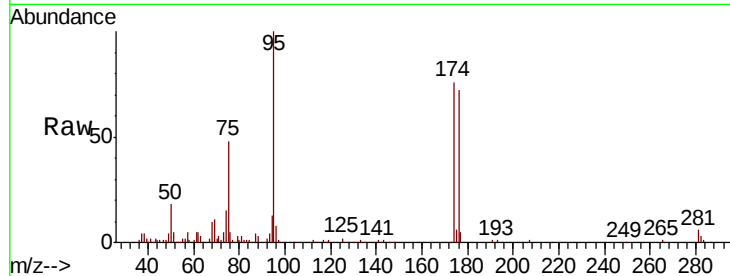
Tot Ion: 95 Resp: 38742

Ion Ratio Lower Upper

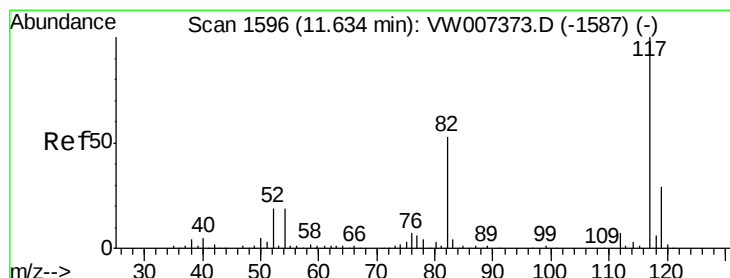
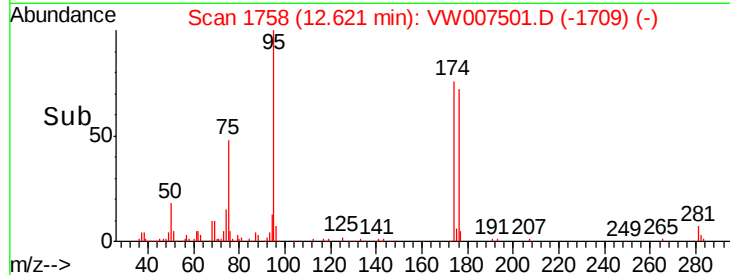
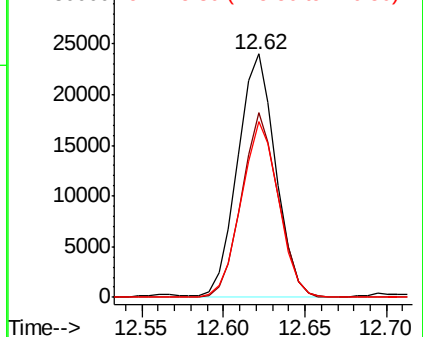
95 100

174 73.2 0.0 147.2

176 71.5 0.0 138.8



Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW007501.D

Acq: 13 Dec 2018 22:57

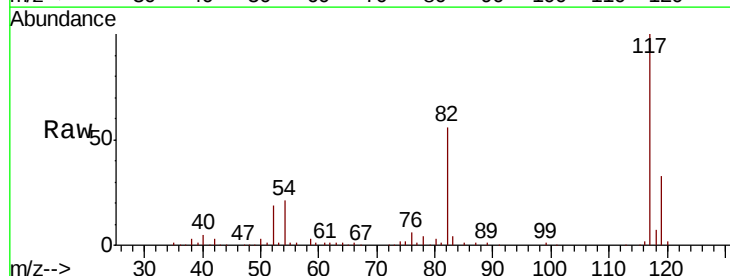
Tgt Ion: 117 Resp: 112193

Ion Ratio Lower Upper

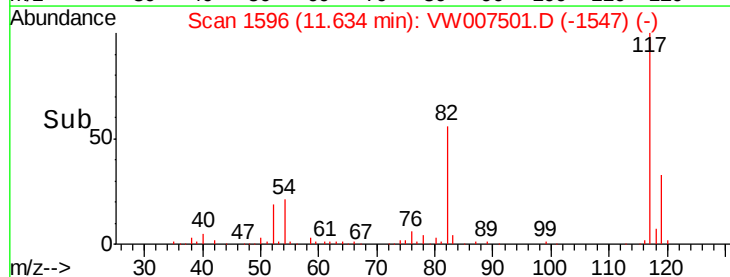
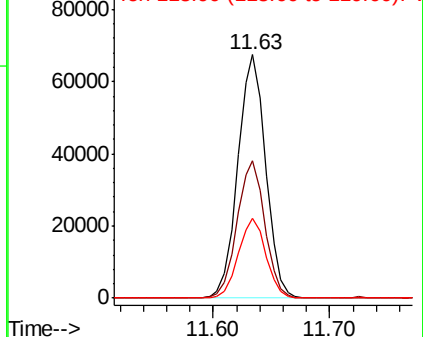
117 100

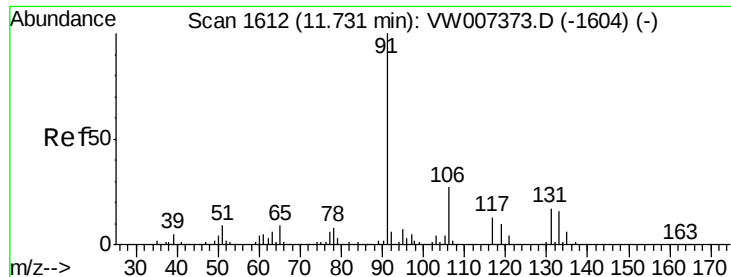
82 56.3 42.3 63.5

119 32.6 23.0 34.6



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

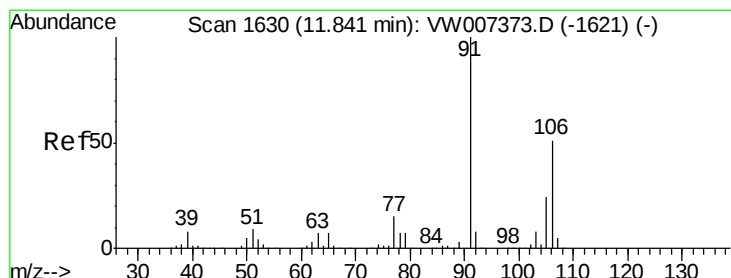
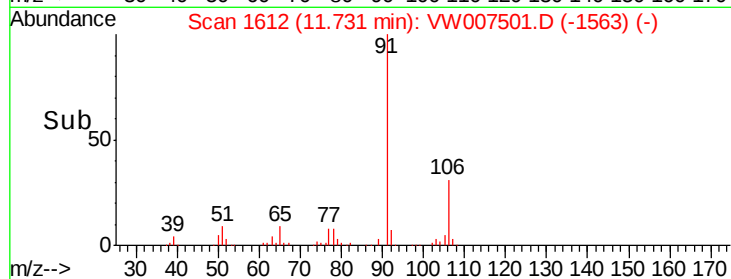
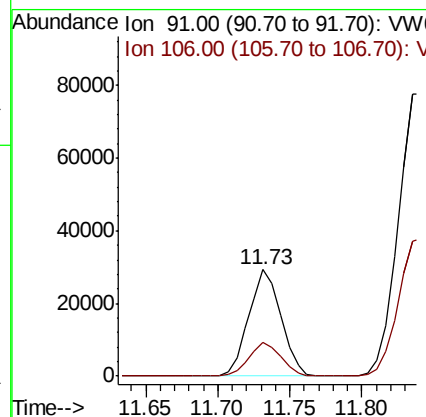
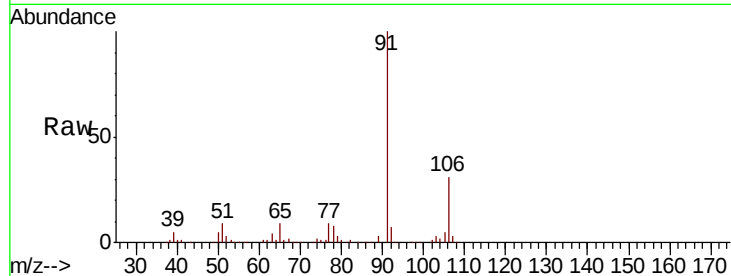




#67
Ethyl Benzene
Concen: 11.319 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007501.D
Acq: 13 Dec 2018 22:57

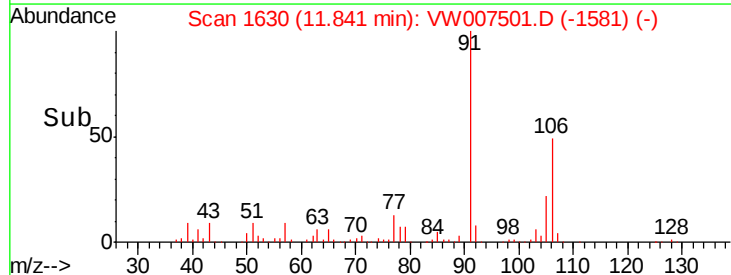
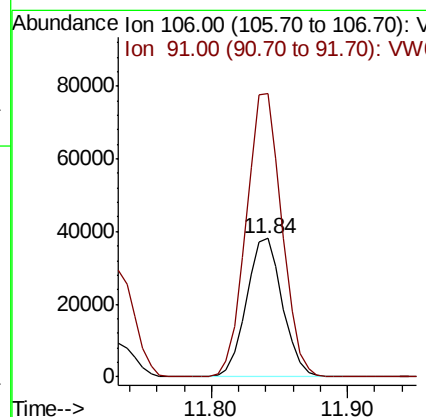
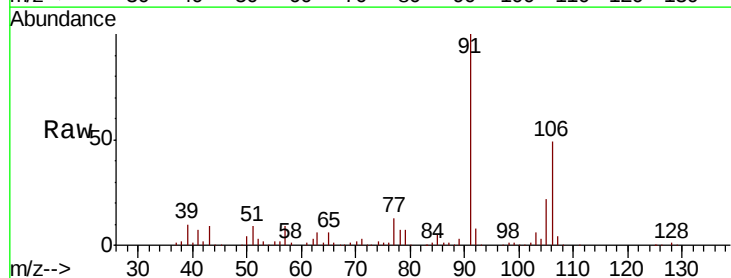
Instrument :
MSVOA_W
ClientSampleId :
SU-04-121218-ARE

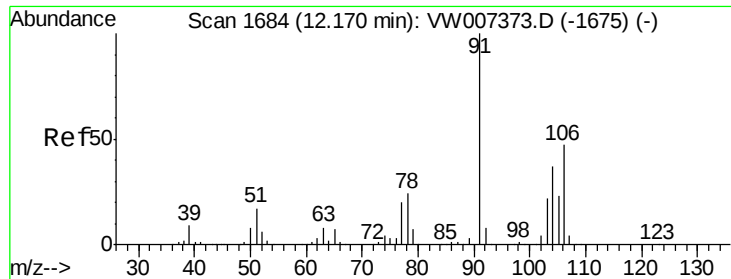
Tot Ion: 91 Resp: 45508
Ion Ratio Lower Upper
91 100
106 31.4 21.8 32.8



#68
m/p-Xylenes
Concen: 44.763 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW007501.D
Acq: 13 Dec 2018 22:57

Tgt Ion: 106 Resp: 69963
Ion Ratio Lower Upper
106 100
91 204.7 165.3 247.9

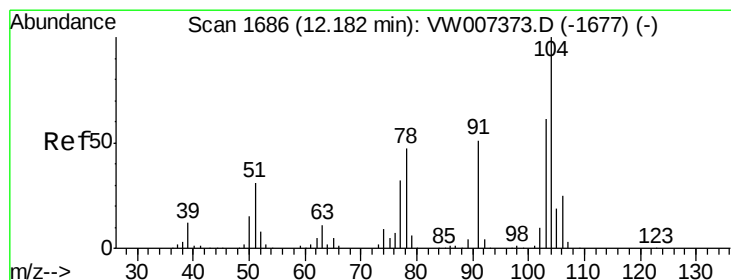
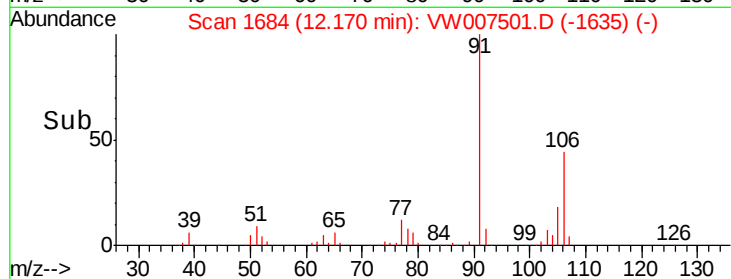
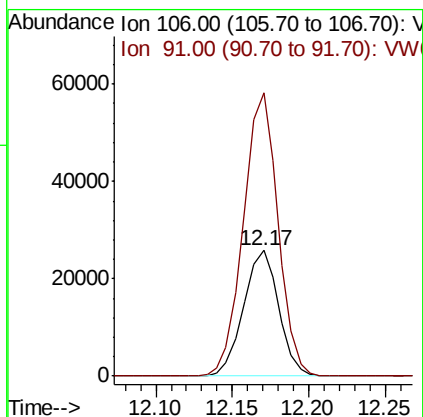
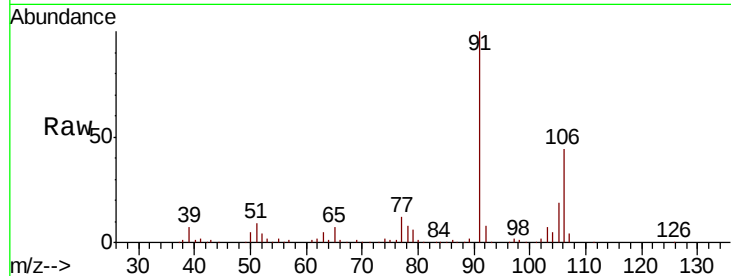




#69
o-Xylene
Concen: 28.251 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007501.D
Acq: 13 Dec 2018 22:57

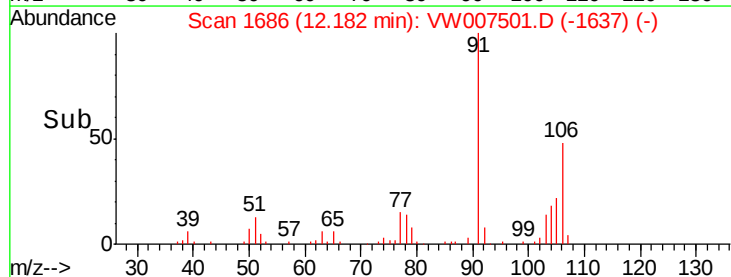
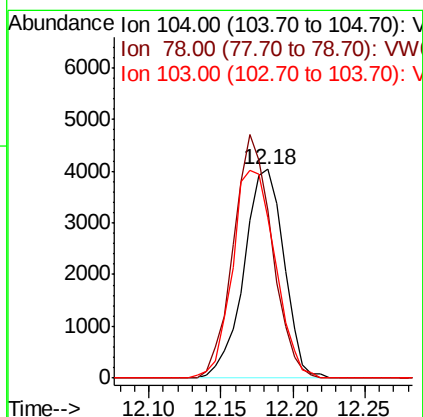
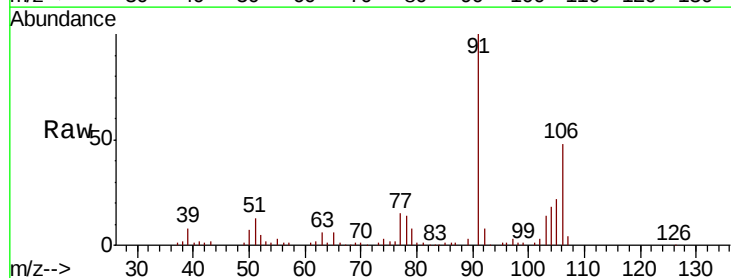
Instrument :
MSVOA_W
ClientSampleId :
SU-04-121218-ARE

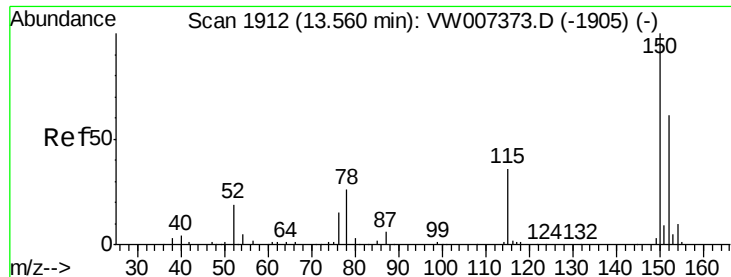
Tot Ion:106 Resp: 41239
Ion Ratio Lower Upper
106 100
91 221.7 106.6 319.8



#70
Styrene
Concen: 3.289 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007501.D
Acq: 13 Dec 2018 22:57

Tgt Ion:104 Resp: 7754
Ion Ratio Lower Upper
104 100
78 113.0 41.8 62.8#
103 106.9 46.6 69.8#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW007501.D

Acq: 13 Dec 2018 22:57

Instrument :

MSVOA_W

ClientSampleId :

SU-04-121218-ARE

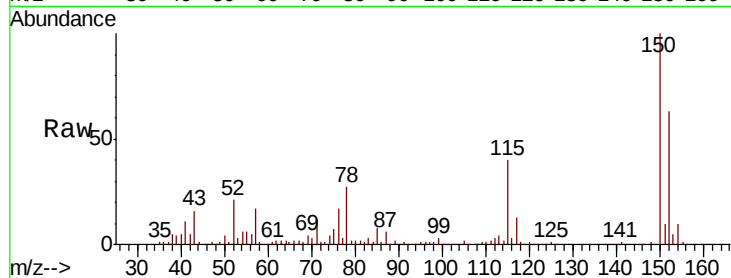
Tot Ion:152 Resp: 44859

Ion Ratio Lower Upper

152 100

115 70.1 31.4 94.2

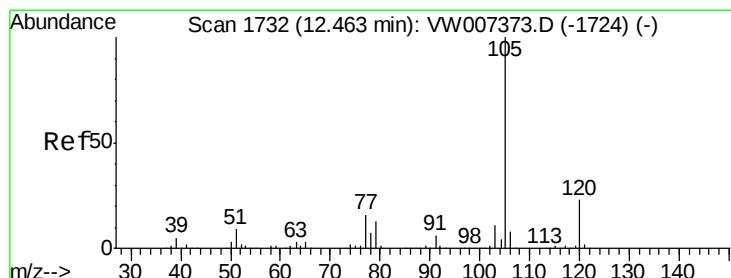
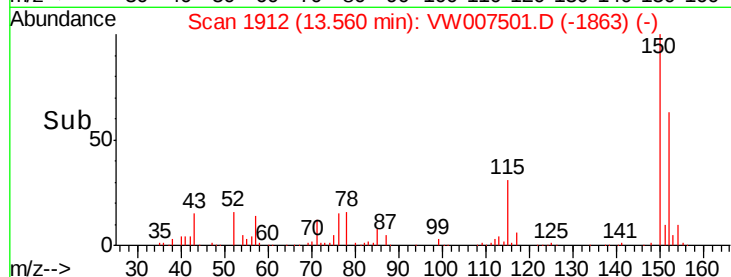
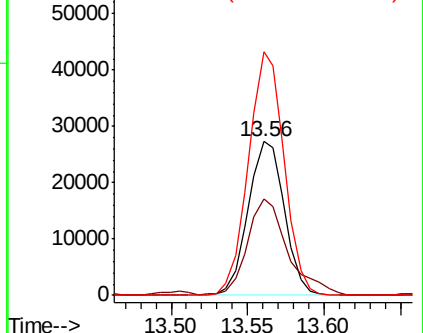
150 155.4 0.0 358.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 2.866 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007501.D

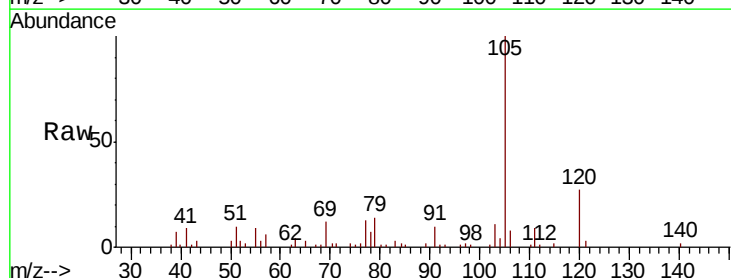
Acq: 13 Dec 2018 22:57

Tgt Ion:105 Resp: 9852

Ion Ratio Lower Upper

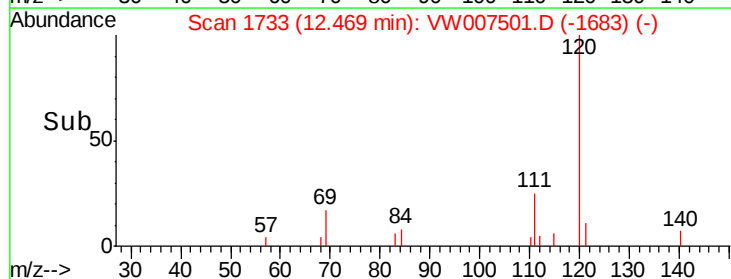
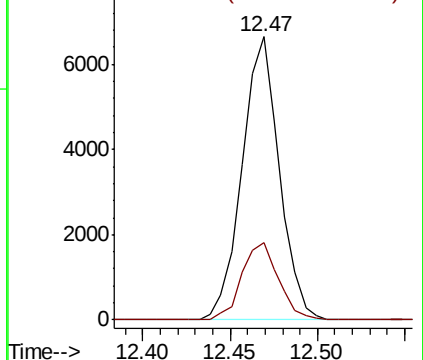
105 100

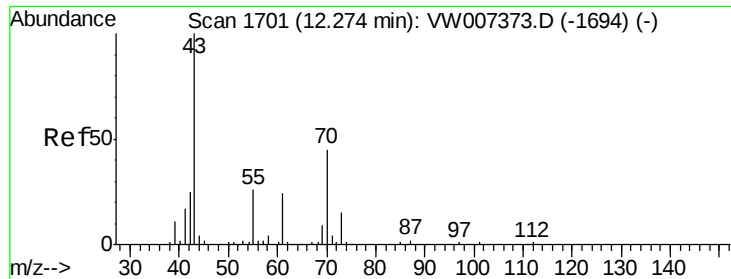
120 27.2 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 4.199 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW007501.D

Acq: 13 Dec 2018 22:57

Instrument :

MSVOA_W

ClientSampleId :

SU-04-121218-ARE

Tot Ion: 43 Resp: 2623

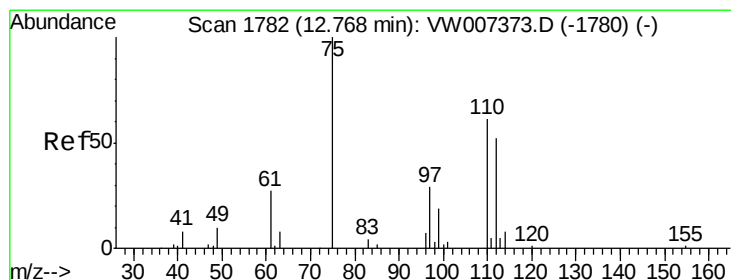
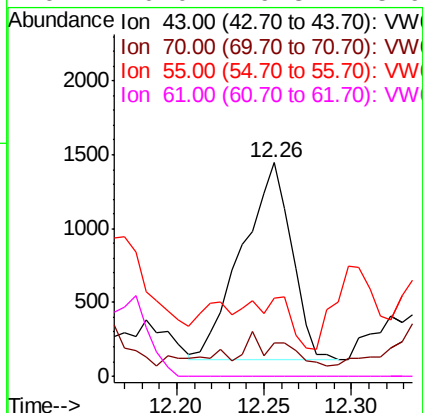
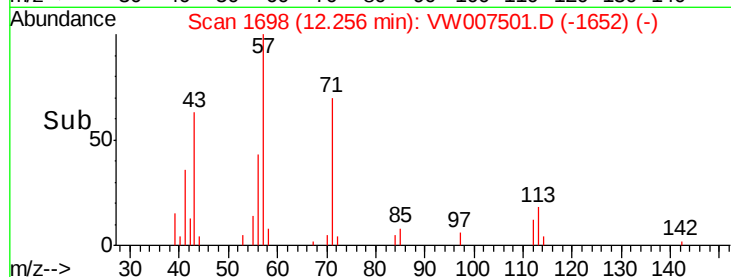
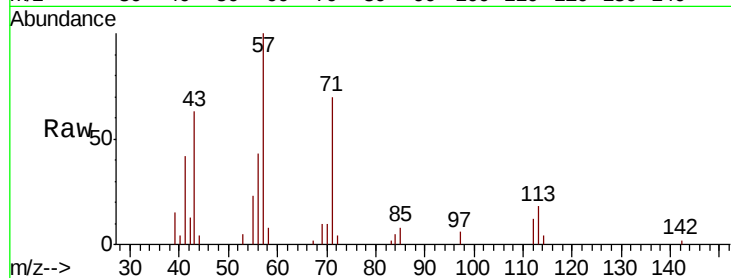
Ion Ratio Lower Upper

43 100

70 4.0 36.5 54.7#

55 0.0 20.1 30.1#

61 0.0 19.3 28.9#



#76

1,2,3-Trichloropropane

Concen: 2.966 ug/l

RT: 12.87 min Scan# 1799

Delta R.T. 0.10 min

Lab File: VW007501.D

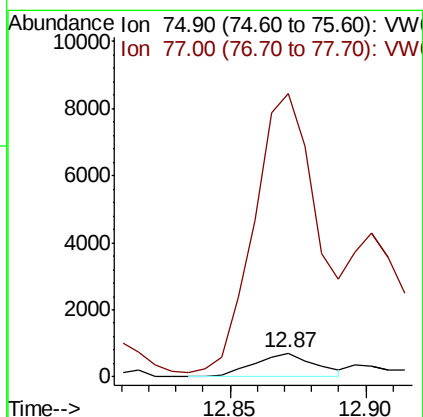
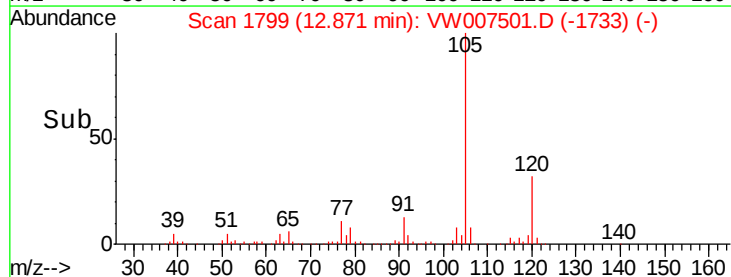
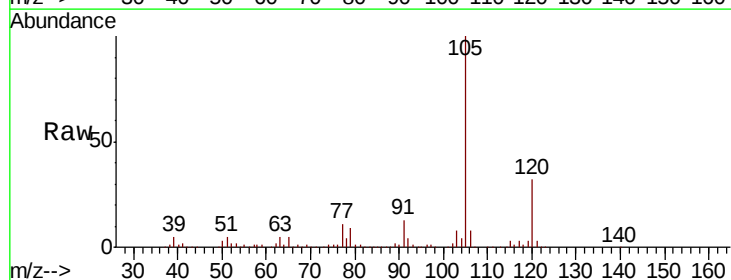
Acq: 13 Dec 2018 22:57

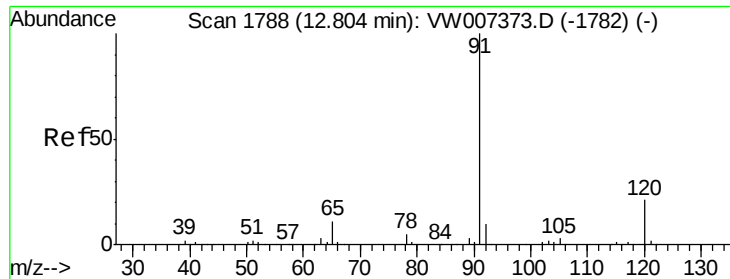
Tgt Ion: 75 Resp: 1097

Ion Ratio Lower Upper

75 100

77 1228.8 166.9 500.8#





#78

n-propylbenzene

Concen: 9.348 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VW007501.D

Acq: 13 Dec 2018 22:57

Instrument :

MSVOA_W

ClientSampleId :

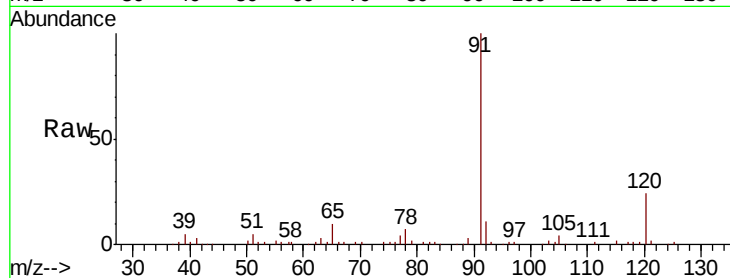
SU-04-121218-ARE

Tot Ion: 91 Resp: 36160

Ion Ratio Lower Upper

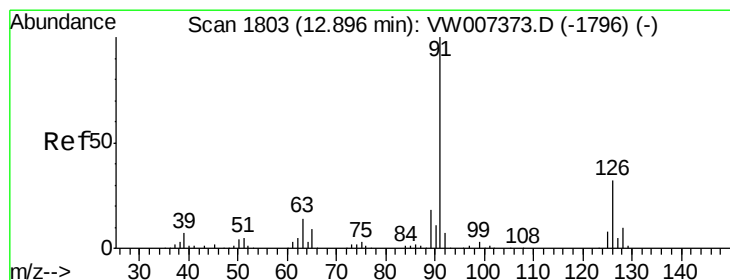
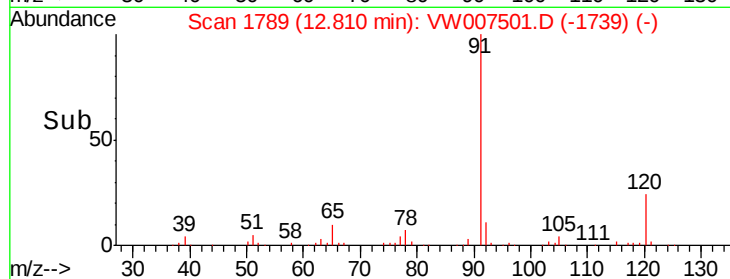
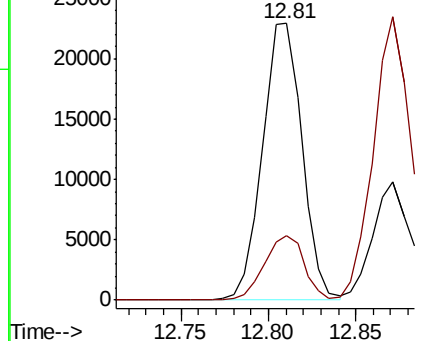
91 100

120 23.5 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 6.011 ug/l

RT: 12.87 min Scan# 1799

Delta R.T. -0.02 min

Lab File: VW007501.D

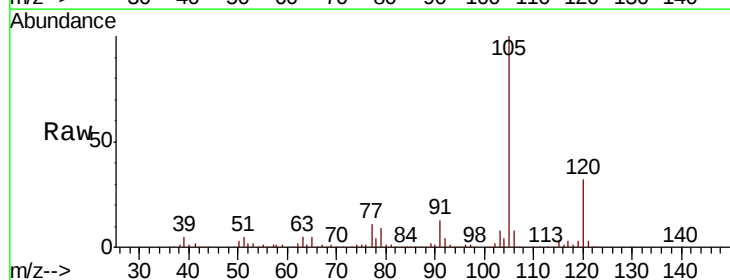
Acq: 13 Dec 2018 22:57

Tgt Ion: 91 Resp: 14070

Ion Ratio Lower Upper

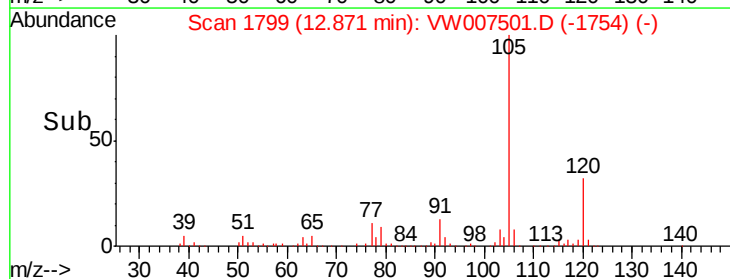
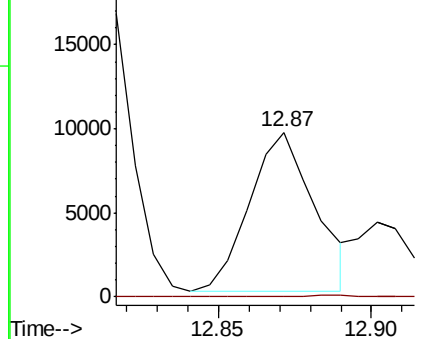
91 100

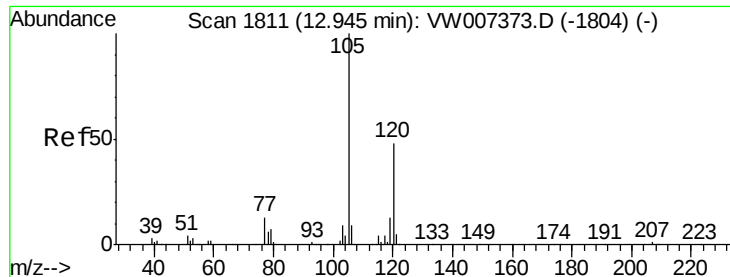
126 0.6 15.9 47.6#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

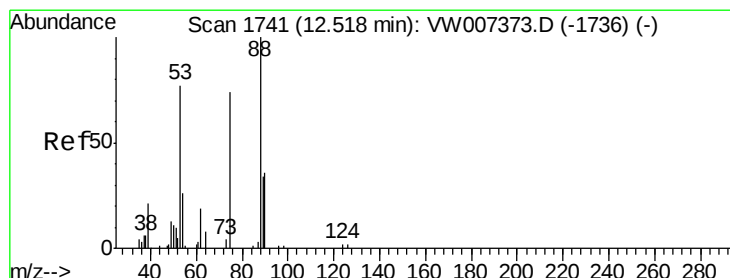
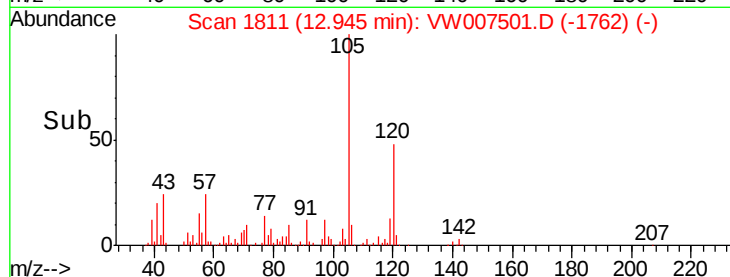
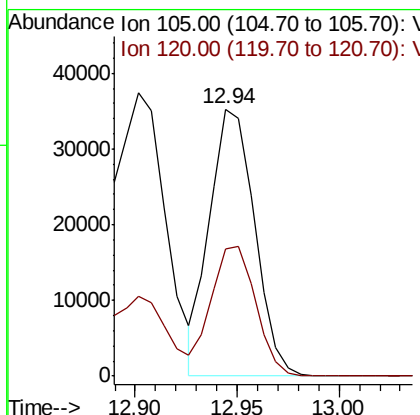
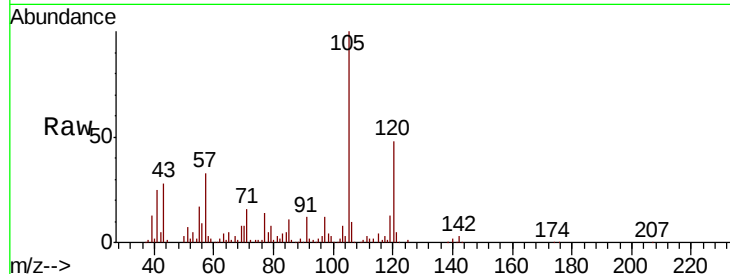




#80
 1,3,5-Trimethylbenzene
 Concen: 18.722 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW007501.D
 Acq: 13 Dec 2018 22:57

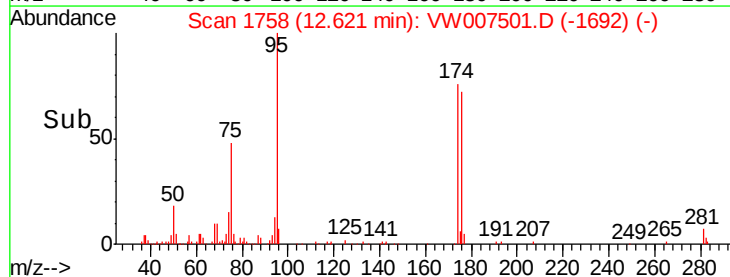
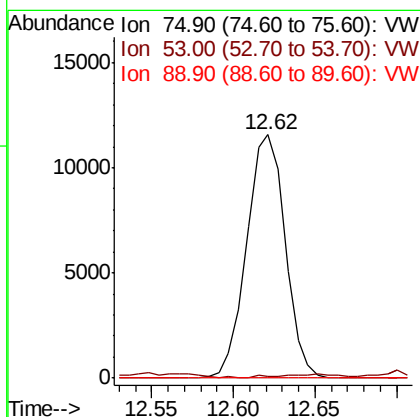
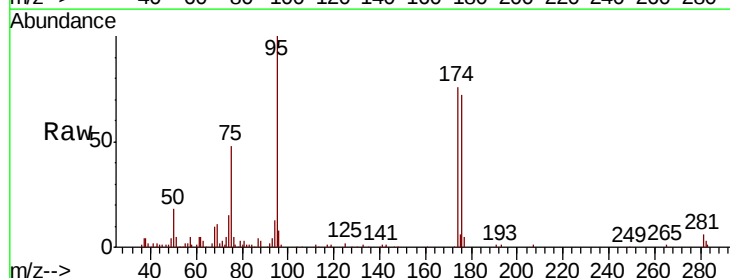
Instrument :
 MSVOA_W
 ClientSampleId :
 SU-04-121218-ARE

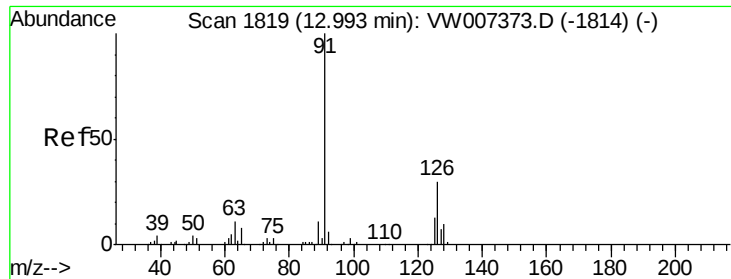
Tot Ion:105 Resp: 54073
 Ion Ratio Lower Upper
 105 100
 120 48.1 23.8 71.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.802 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW007501.D
 Acq: 13 Dec 2018 22:57

Tgt Ion: 75 Resp: 19055
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.9 127.3#
 89 0.0 40.3 60.5#





#82

4-Chlorotoluene

Concen: 2.204 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.05 min

Lab File: VW007501.D

Acq: 13 Dec 2018 22:57

Instrument :

MSVOA_W

ClientSampleId :

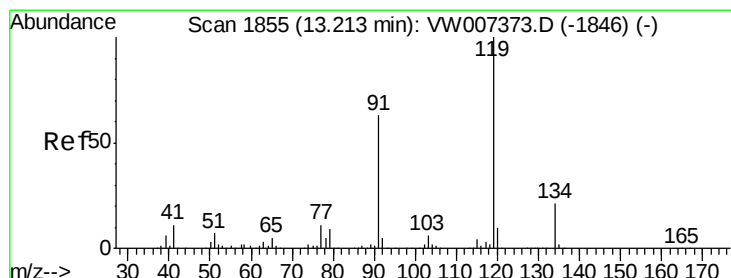
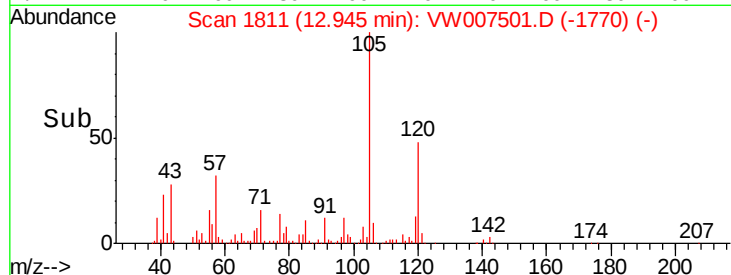
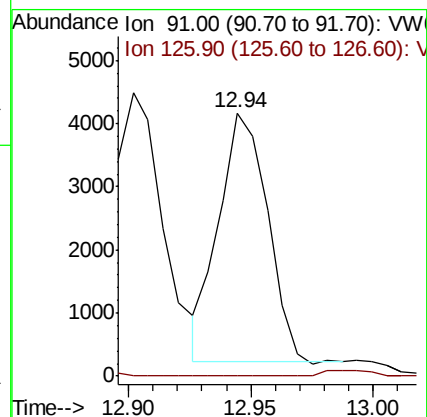
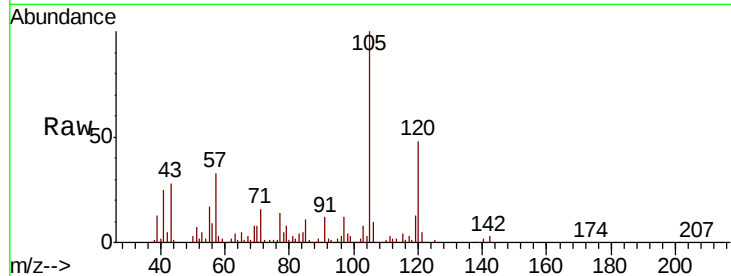
SU-04-121218-ARE

Tot Ion: 91 Resp: 5437

Ion Ratio Lower Upper

91 100

126 0.0 16.0 48.0#



#83

tert-Butylbenzene

Concen: 9.005 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.04 min

Lab File: VW007501.D

Acq: 13 Dec 2018 22:57

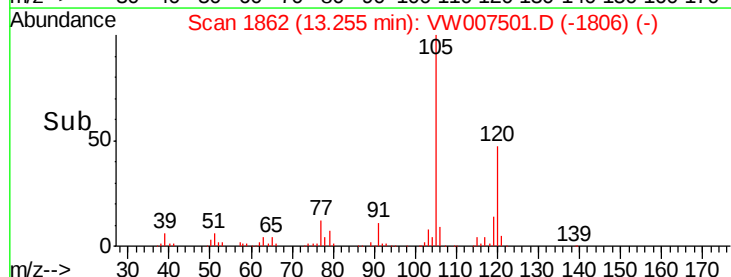
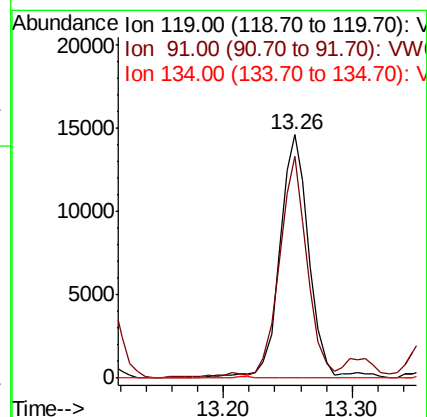
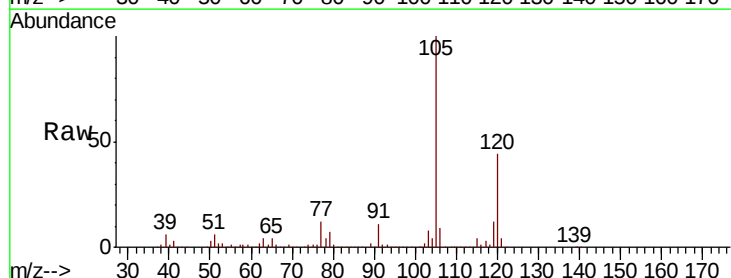
Tgt Ion: 119 Resp: 22916

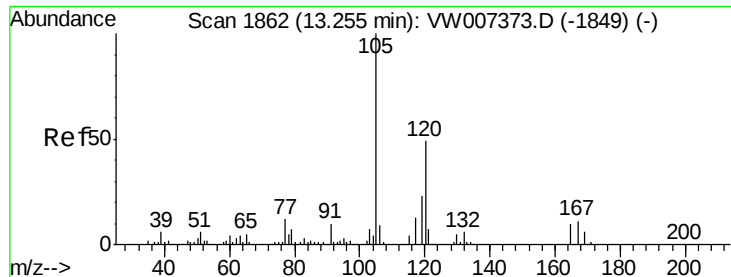
Ion Ratio Lower Upper

119 100

91 85.1 33.1 99.2

134 0.0 12.5 37.5#

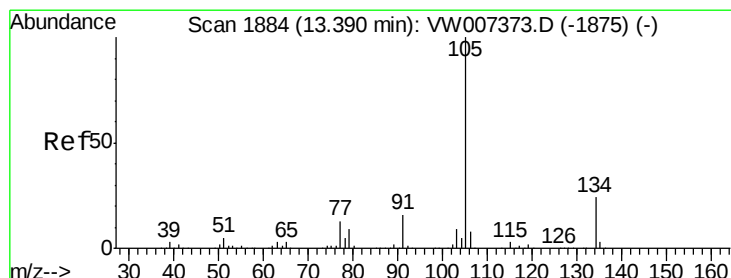
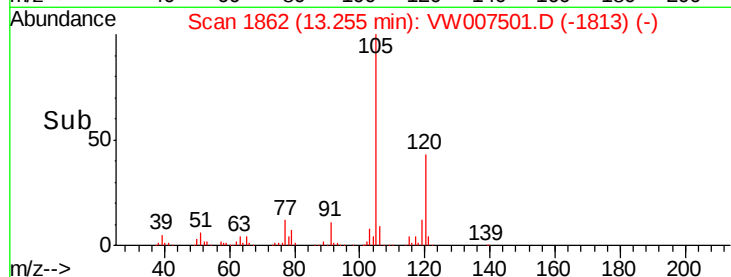
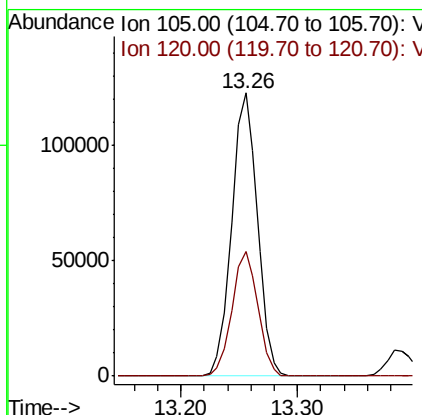
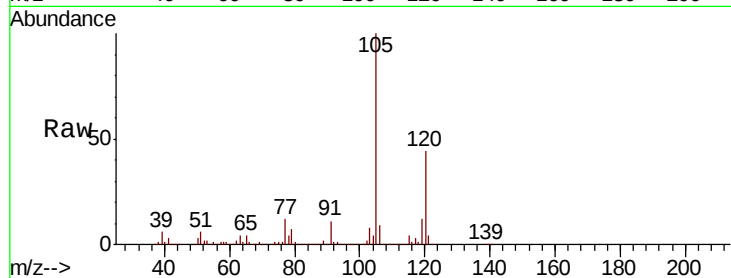




#84
1,2,4-Trimethylbenzene
Concen: 63.448 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW007501.D
Acq: 13 Dec 2018 22:57

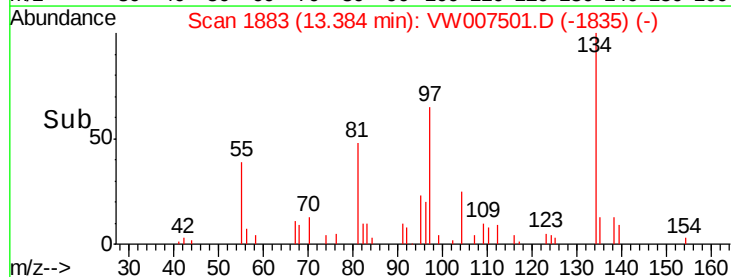
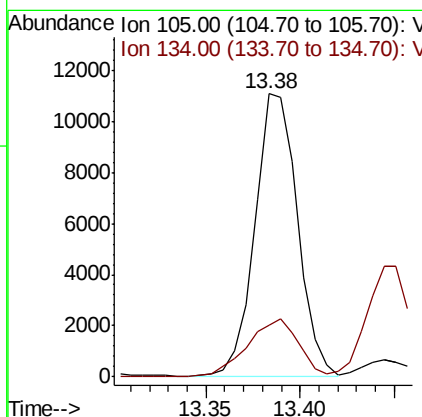
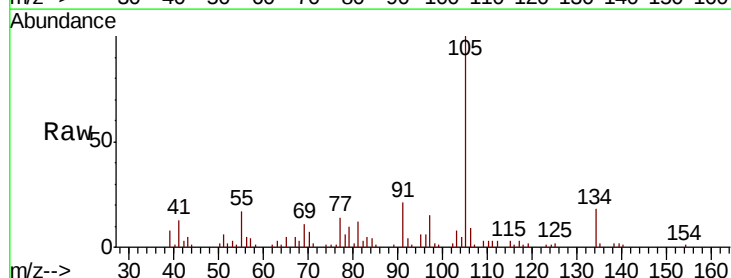
Instrument :
MSVOA_W
ClientSampleId :
SU-04-121218-ARE

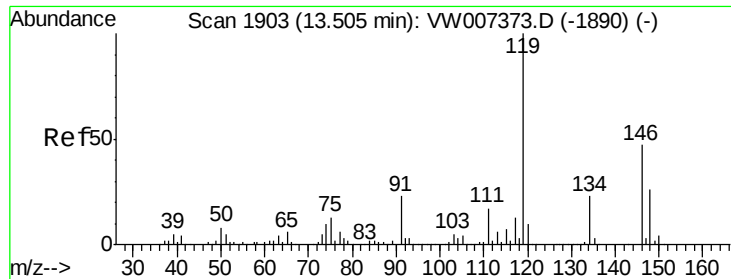
Tot Ion:105 Resp: 188570
Ion Ratio Lower Upper
105 100
120 44.3 22.6 67.7



#85
sec-Butylbenzene
Concen: 5.009 ug/l
RT: 13.38 min Scan# 1883
Delta R.T. -0.01 min
Lab File: VW007501.D
Acq: 13 Dec 2018 22:57

Tgt Ion:105 Resp: 17403
Ion Ratio Lower Upper
105 100
134 24.6 11.1 33.3

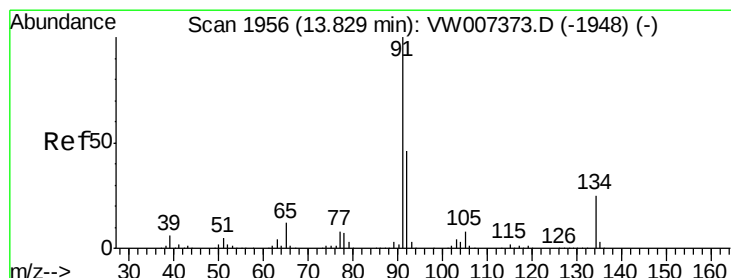
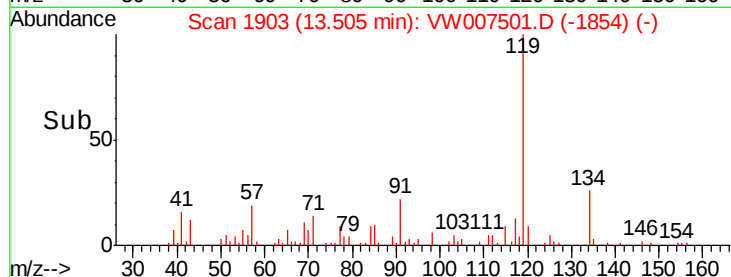
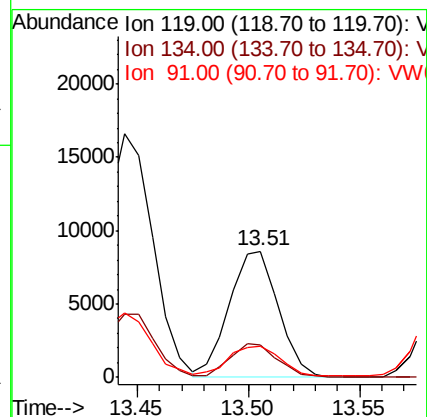
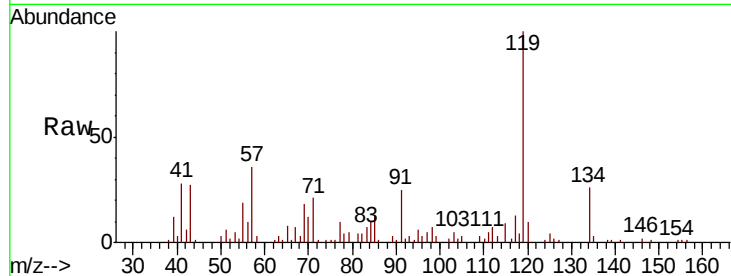




#86
 p-Isopropyltoluene
 Concen: 4.256 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007501.D
 Acq: 13 Dec 2018 22:57

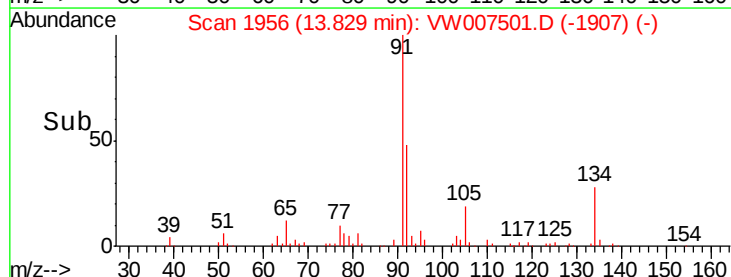
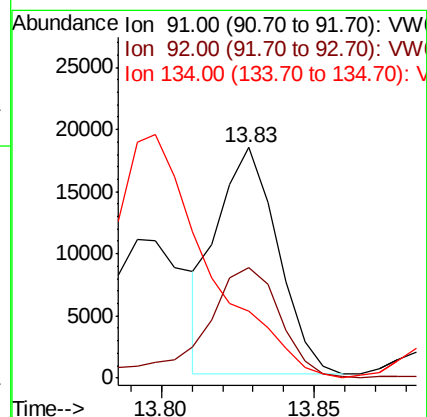
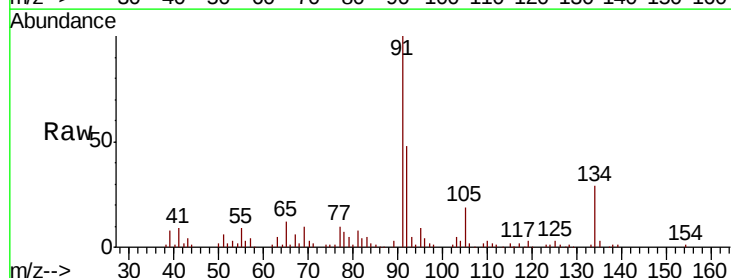
Instrument :
 MSVOA_W
 ClientSampleId :
 SU-04-121218-ARE

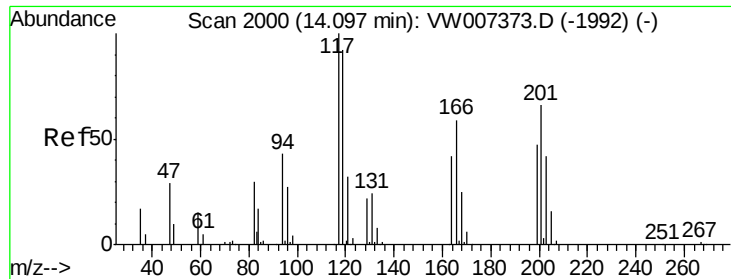
Tot Ion:119 Resp: 13284
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.9 38.7
 91 24.8 11.9 35.9



#89
 n-Butylbenzene
 Concen: 8.593 ug/l
 RT: 13.83 min Scan# 1956
 Delta R.T. 0.00 min
 Lab File: VW007501.D
 Acq: 13 Dec 2018 22:57

Tgt Ion: 91 Resp: 24862
 Ion Ratio Lower Upper
 91 100
 92 61.7 25.7 77.1
 134 0.0 13.4 40.2#





#90

Hexachloroethane

Concen: 14.228 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW007501.D

Acq: 13 Dec 2018 22:57

Instrument :

MSVOA_W

ClientSampleId :

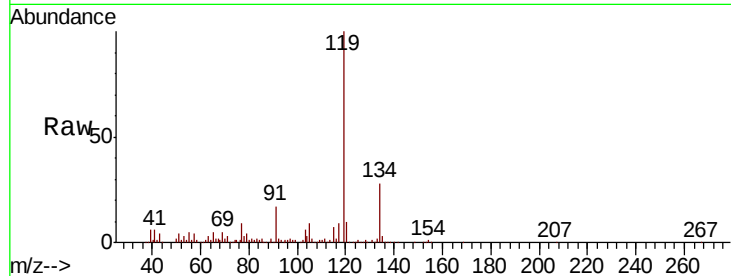
SU-04-121218-ARE

Tot Ion:117 Resp: 7901

Ion Ratio Lower Upper

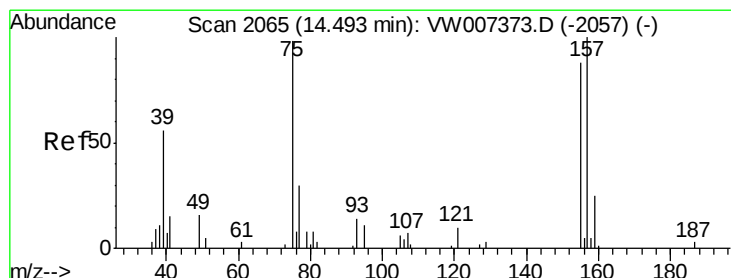
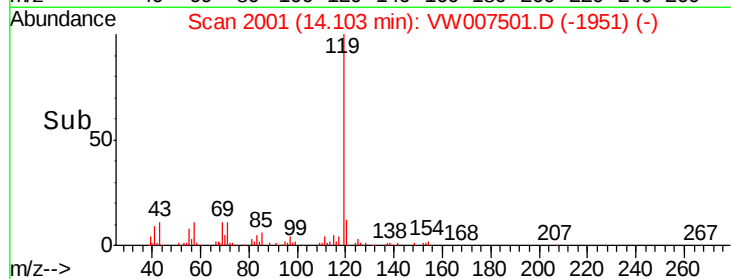
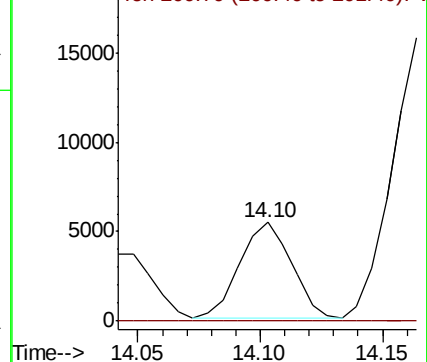
117 100

201 0.0 35.3 105.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.171 ug/l

RT: 14.51 min Scan# 2067

Delta R.T. 0.01 min

Lab File: VW007501.D

Acq: 13 Dec 2018 22:57

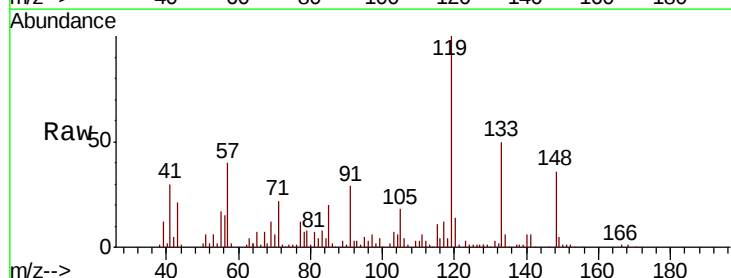
Tgt Ion: 75 Resp: 324

Ion Ratio Lower Upper

75 100

155 24.1 40.8 122.2#

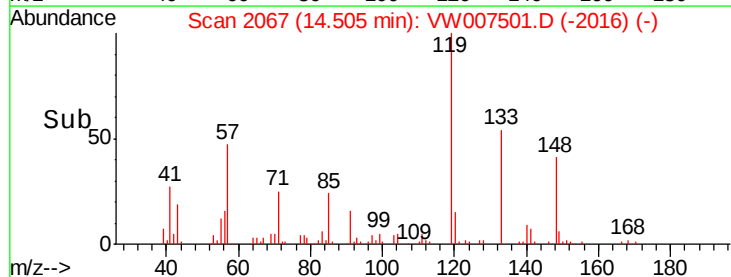
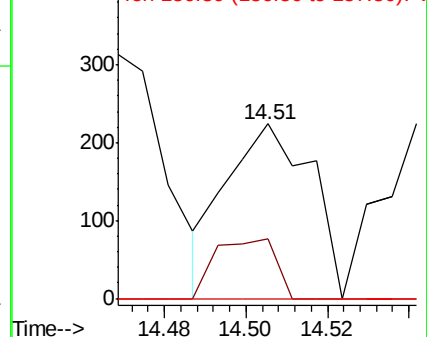
157 0.0 51.1 153.4#

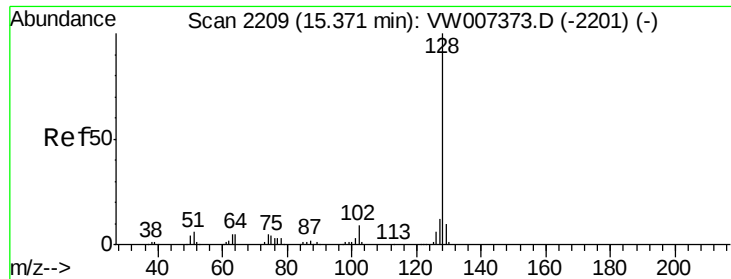


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 22.032 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW007501.D
Acq: 13 Dec 2018 22:57

Instrument :
MSVOA_W
ClientSampleId :
SU-04-121218-ARE

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.1	10.2	15.4
129	13.9	8.3	12.5

