

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122318\
 Data File : VW007832.D
 Acq On : 22 Dec 2018 10:07
 Operator : SY/AP
 Sample : J6426-13
 Misc : 6.53G/5ML/MSVOA_W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS013B-3642-01

Quant Time: Dec 23 23:48:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	66731	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	111715	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	72764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	19828	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	31753	43.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.82%	
35) Dibromofluoromethane	7.88	113	28288	41.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.02%	
50) Toluene-d8	10.32	98	89470	34.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.64%	
62) 4-Bromofluorobenzene	12.62	95	22412	22.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	45.16%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	5.15	59	114	2.311	ug/l #	73
15) Acrylonitrile	5.43	53	3921	31.086	ug/l #	33
16) Acetone	4.12	43	8798	64.237	ug/l #	83
20) Methylene Chloride	4.92	84	2648	Below Cal	#	95
25) 2-Butanone	7.17	43	5244	32.689	ug/l #	85
26) 2,2-Dichloropropane	7.15	77	1825	2.097	ug/l #	53
31) Cyclohexane	7.95	56	29805	27.375	ug/l	96
36) 1,1-Dichloropropene	7.95	75	5136	4.763	ug/l #	55
37) Ethyl Acetate	7.17	43	5244	14.092	ug/l #	68
38) Carbon Tetrachloride	7.95	117	7057	5.557	ug/l #	16
39) Methylcyclohexane	9.34	83	75650	56.462	ug/l	98
40) Benzene	8.32	78	11876	4.127	ug/l	91
43) Isopropyl Acetate	8.42	43	2103	2.821	ug/l #	49
45) 1,2-Dichloropropane	9.32	63	720	1.128	ug/l #	1
48) Methyl methacrylate	9.52	41	2735	7.350	ug/l #	43
51) 4-Methyl-2-Pentanone	10.25	43	701	1.990	ug/l #	34
52) Toluene	10.39	92	40397	20.926	ug/l	100
55) 1,1,2-Trichloroethane	10.76	97	12923	23.852	ug/l #	21
59) 2-Hexanone	10.94	43	7046	28.436	ug/l #	28
65) Chlorobenzene	11.66	112	1355774	860.851	ug/l	98
67) Ethyl Benzene	11.73	91	41595	15.391	ug/l	99
68) m/p-Xylenes	11.83	106	627369	598.427	ug/l	97
69) o-Xylene	12.17	106	21123	21.495	ug/l	100
73) Isopropylbenzene	12.47	105	344536	229.878	ug/l	99
74) N-amyl acetate	12.26	43	4362	16.802	ug/l #	51
75) 1,1,2,2-Tetrachloroethane	12.70	83	656	2.919	ug/l #	88
76) 1,2,3-Trichloropropane	12.80	75	3192	20.828	ug/l #	100
78) n-propylbenzene	12.81	91	514241	294.750	ug/l	98
79) 2-Chlorotoluene	12.81	91	514241	505.966	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.94	105	77297	59.790	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.46	75	4354	59.636	ug/l #	64
82) 4-Chlorotoluene	13.11	91	69407	64.136	ug/l #	42
83) tert-Butylbenzene	13.26	119	275382	242.770	ug/l #	70
84) 1,2,4-Trimethylbenzene	13.26	105	2181222	1672.063	ug/l	100

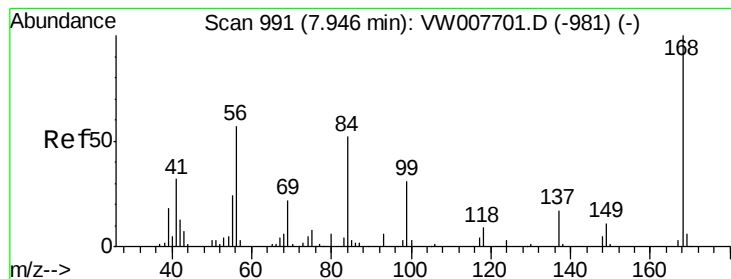
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122318\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.26	105	2181085	1395.164	ug/l #	56
86) p-Isopropyltoluene	13.51	119	73979	52.041	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	62437	91.553	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	1259555	1846.376	ug/l	100
89) n-Butylbenzene	13.83	91	36480	27.989	ug/l #	74
90) Hexachloroethane	14.10	117	16813	67.368	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.46	75	1279	27.715	ug/l #	3
93) 1,2,4-Trichlorobenzene	15.14	180	2268	5.351	ug/l #	1
95) Naphthalene	15.37	128	426206	543.891	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	1073	2.957	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW007832.D

Acq: 22 Dec 2018 10:07

Instrument :

MSVOA_W

ClientSampleId :

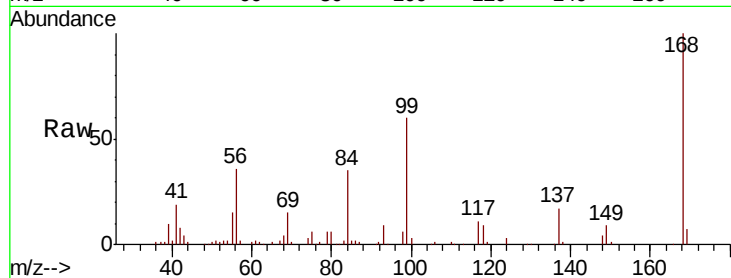
P001-SS013B-3642-01

Tgt Ion: 168 Resp: 66731

Ion Ratio Lower Upper

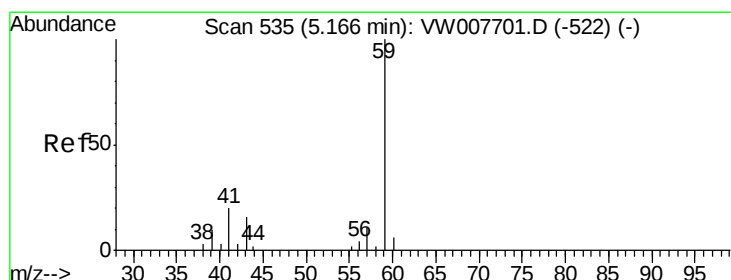
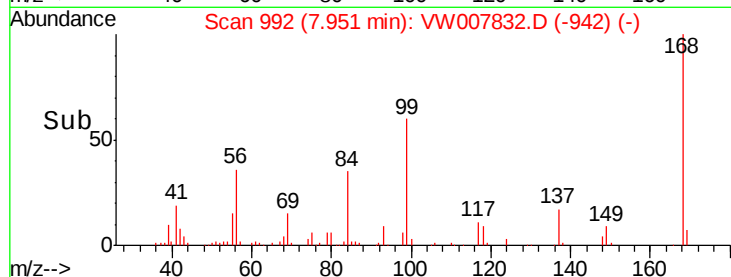
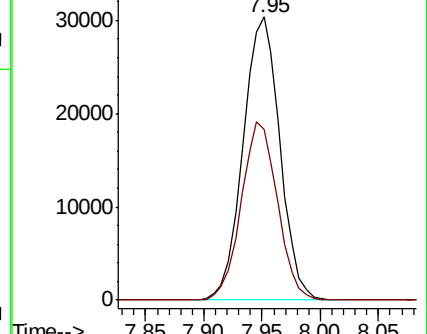
168 100

99 60.4 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 2.311 ug/l

RT: 5.15 min Scan# 532

Delta R.T. -0.02 min

Lab File: VW007832.D

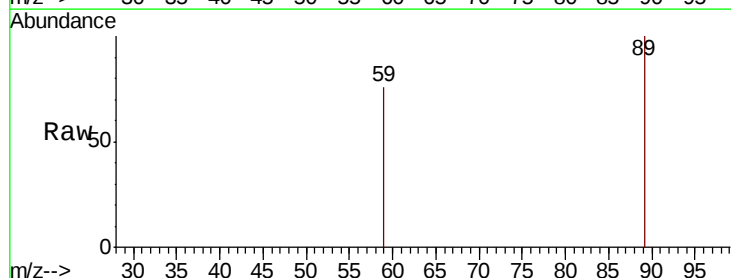
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Tgt Ion: 59 Resp: 114

Ion Ratio Lower Upper

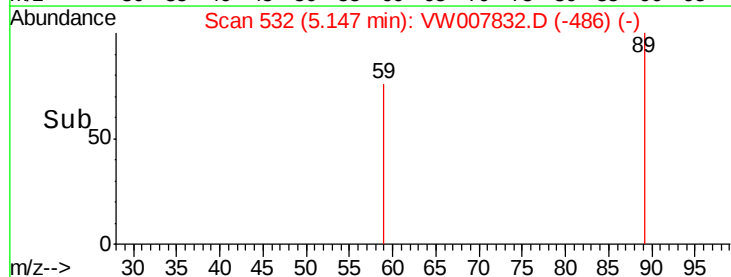
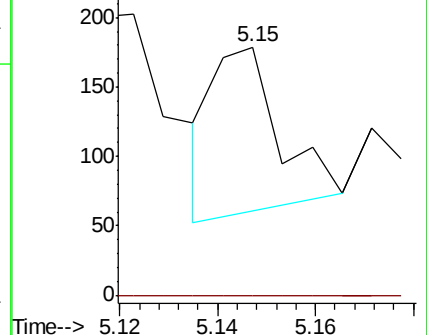
59 100

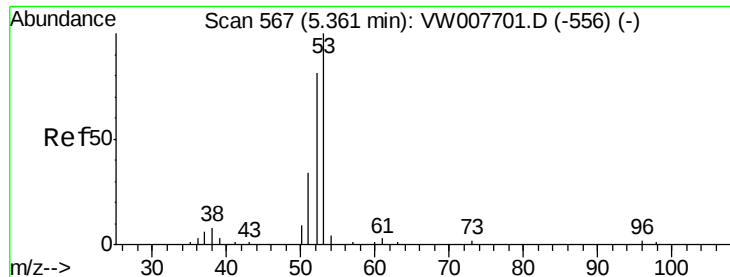
57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#15

Acrylonitrile

Concen: 31.086 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.07 min

Lab File: VW007832.D

Acq: 22 Dec 2018 10:07

Instrument :

MSVOA_W

ClientSampleId :

P001-SS013B-3642-01

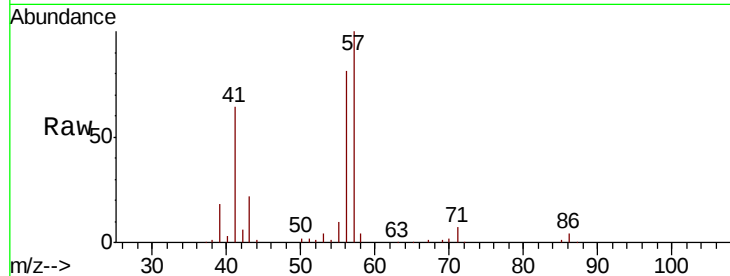
Tgt Ion: 53 Resp: 3921

Ion Ratio Lower Upper

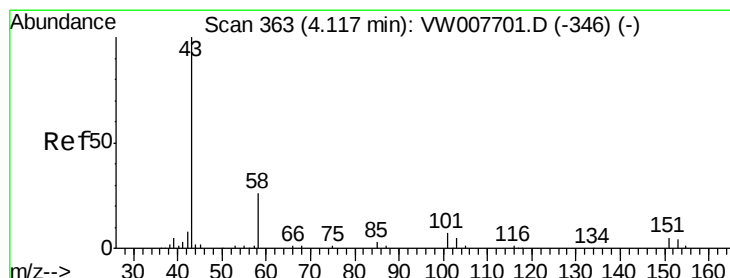
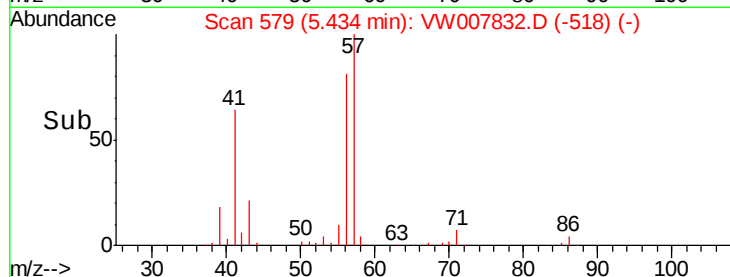
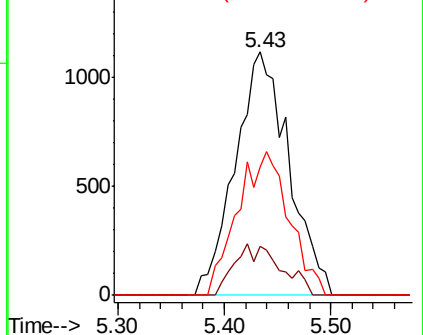
53 100

52 8.3 67.0 100.4#

51 57.0 30.2 45.2#



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 64.237 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007832.D

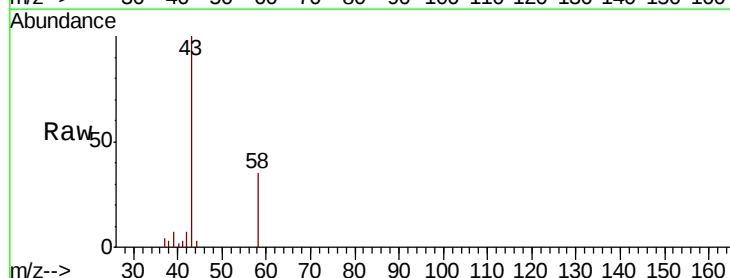
Acq: 22 Dec 2018 10:07

Tgt Ion: 43 Resp: 8798

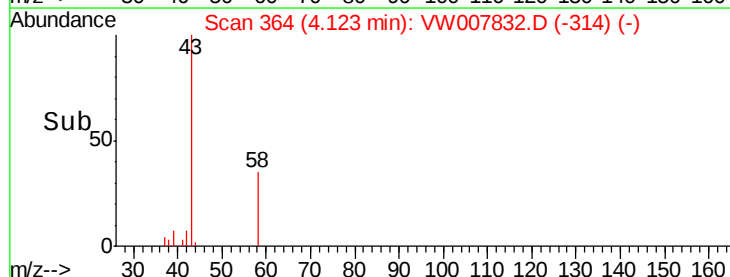
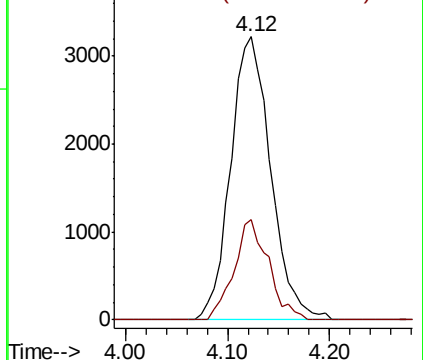
Ion Ratio Lower Upper

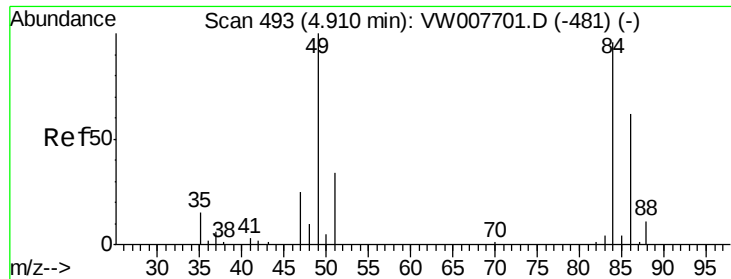
43 100

58 35.3 21.2 31.8#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

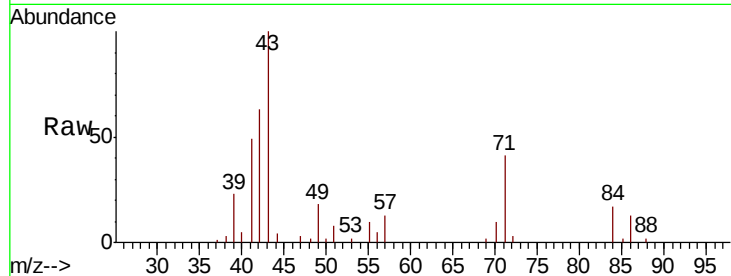




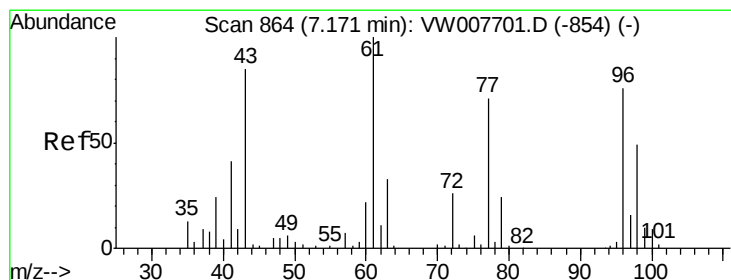
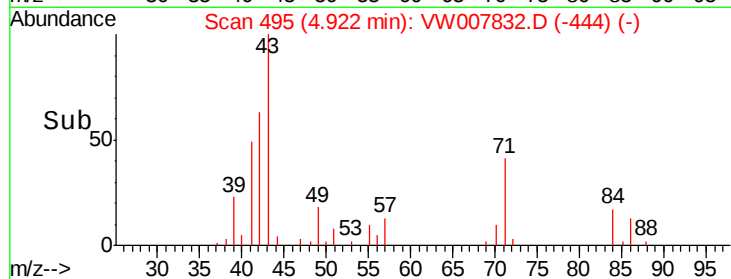
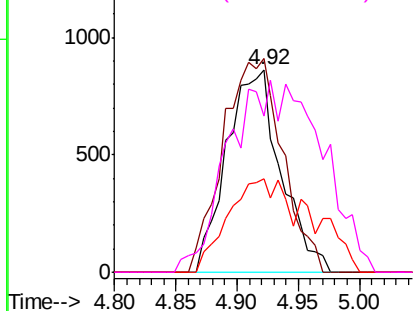
#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW007832.D
Acq: 22 Dec 2018 10:07

Instrument :
MSVOA_W
ClientSampleId :
P001-SS013B-3642-01

Tgt Ion: 84 Resp: 2648
Ion Ratio Lower Upper
84 100
49 105.6 83.7 125.5
51 46.5 28.2 42.2#
86 69.3 52.2 78.2

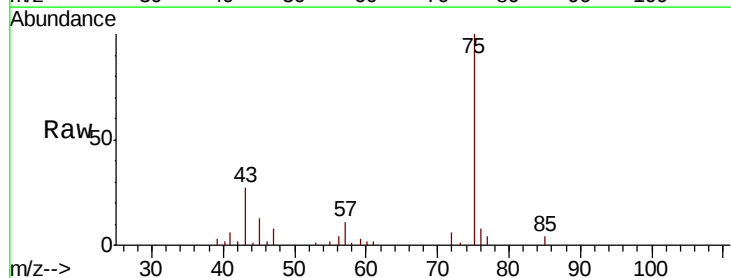


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

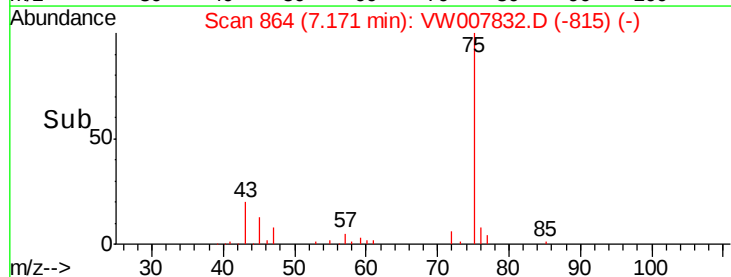
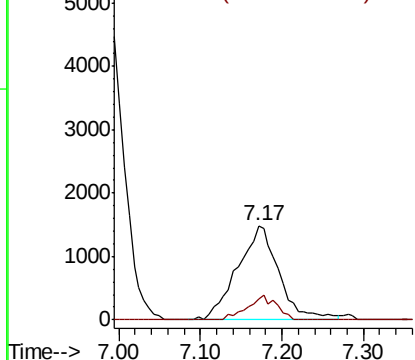


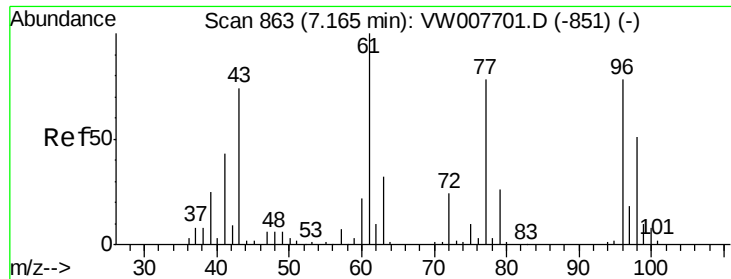
#25
2-Butanone
Concen: 32.689 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007832.D
Acq: 22 Dec 2018 10:07

Tgt Ion: 43 Resp: 5244
Ion Ratio Lower Upper
43 100
72 22.5 24.5 36.7#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW

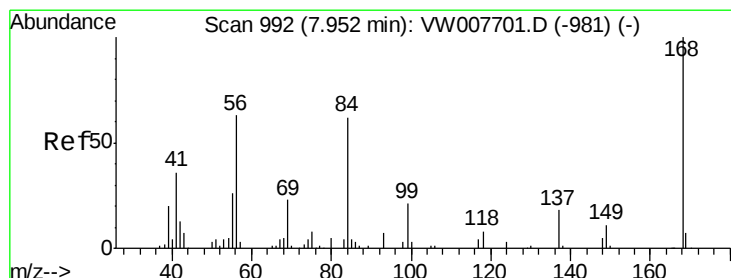
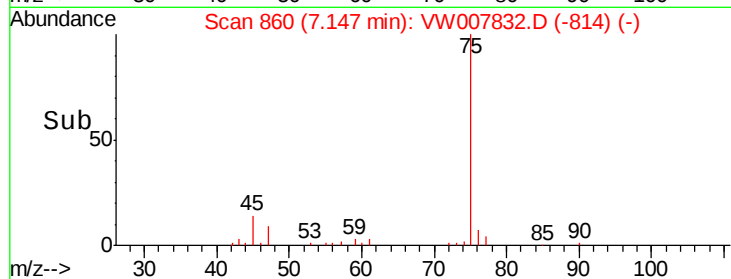
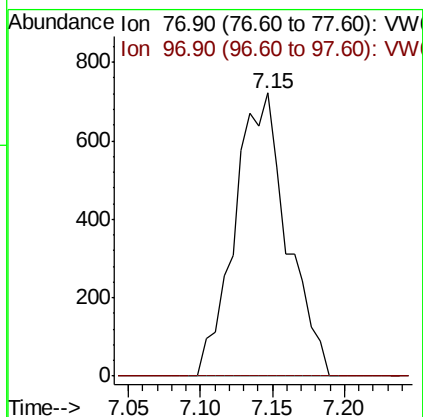
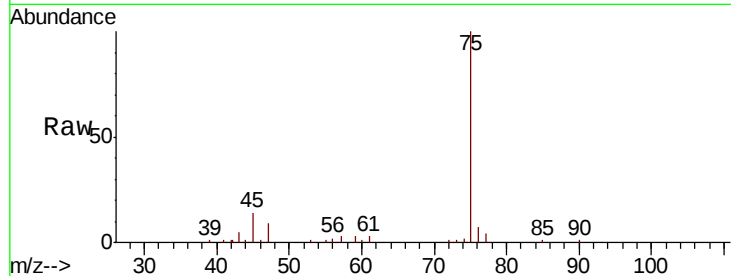




#26
 2,2-Dichloropropane
 Concen: 2.097 ug/l
 RT: 7.15 min Scan# 860
 Delta R.T. -0.02 min
 Lab File: VW007832.D
 Acq: 22 Dec 2018 10:07

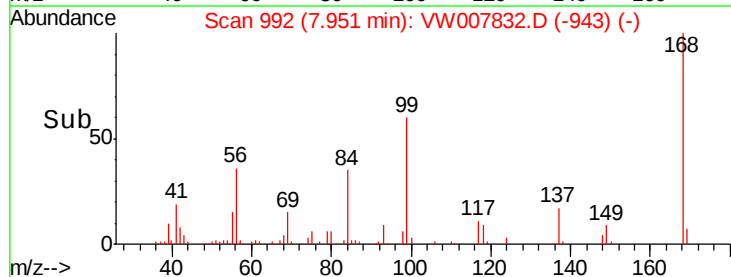
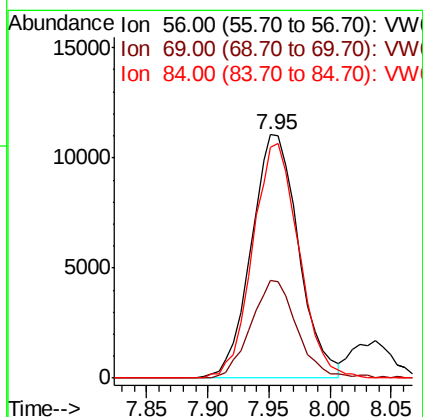
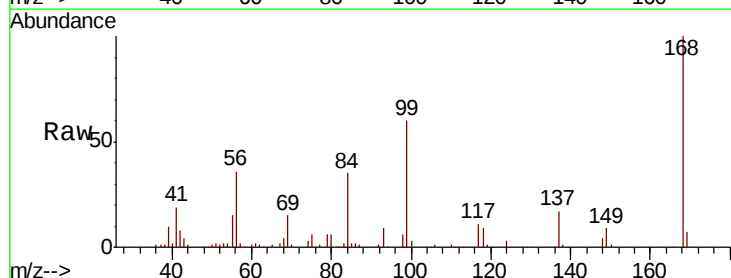
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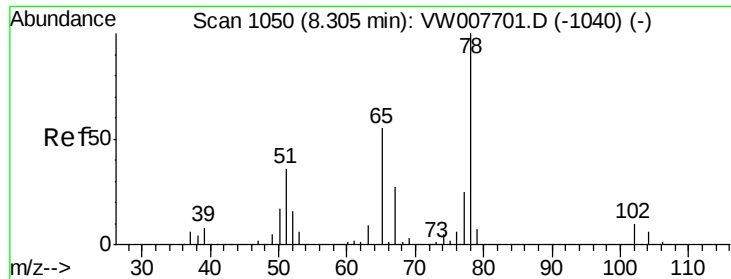
Tgt Ion: 77 Resp: 1825
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.3 33.9#



#31
 Cyclohexane
 Concen: 27.375 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: VW007832.D
 Acq: 22 Dec 2018 10:07

Tgt Ion: 56 Resp: 29805
 Ion Ratio Lower Upper
 56 100
 69 40.2 29.7 44.5
 84 94.9 78.9 118.3

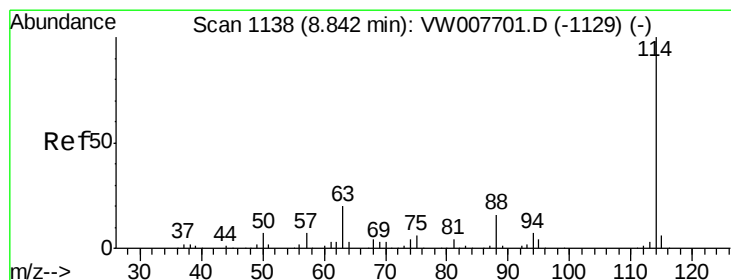
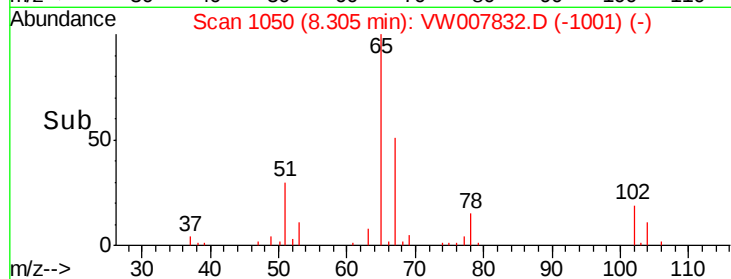
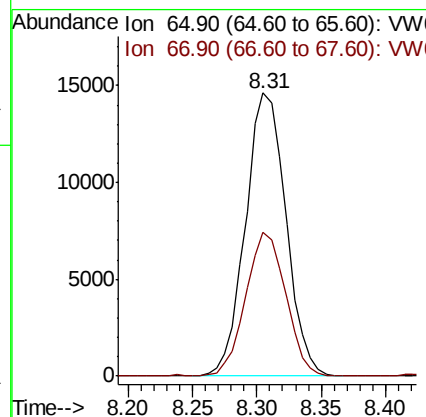
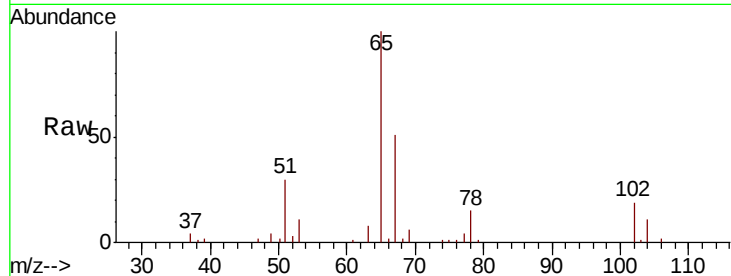




#33
 1,2-Dichloroethane-d4
 Concen: 43.414 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007832.D
 Acq: 22 Dec 2018 10:07

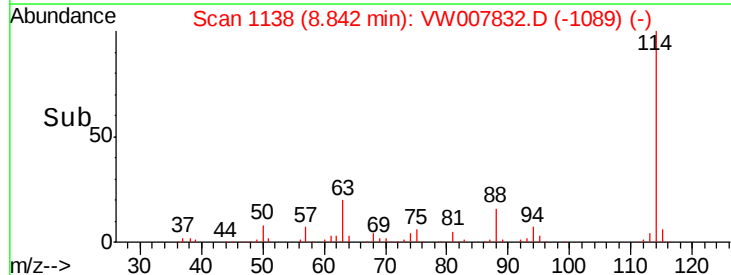
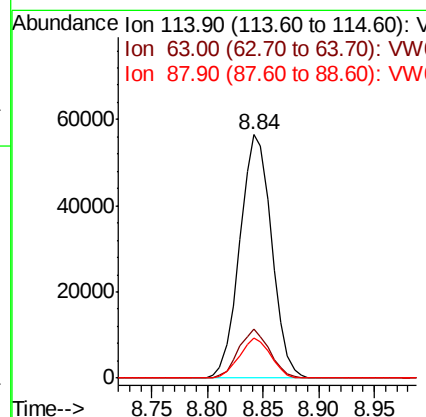
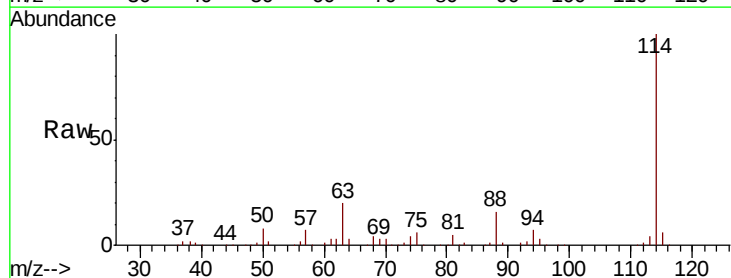
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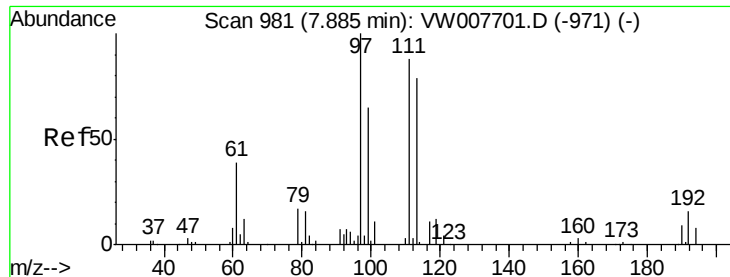
Tgt Ion: 65 Resp: 31753
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007832.D
 Acq: 22 Dec 2018 10:07

Tgt Ion: 114 Resp: 111715
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.0
 88 16.3 0.0 32.6

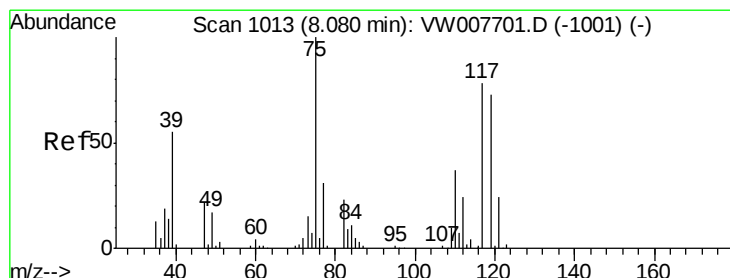
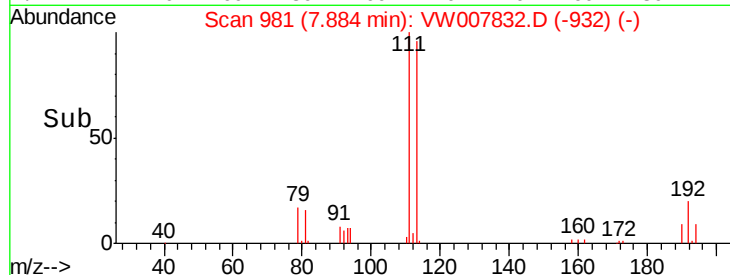
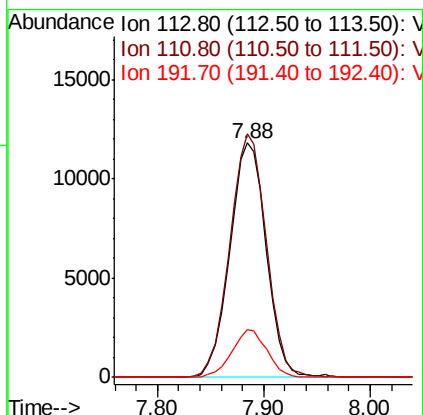
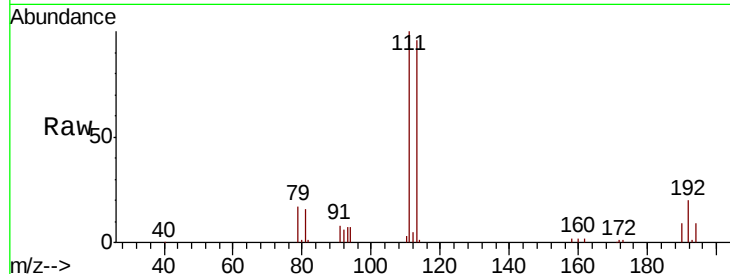




#35
 Dibromofluoromethane
 Concen: 41.507 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007832.D
 Acq: 22 Dec 2018 10:07

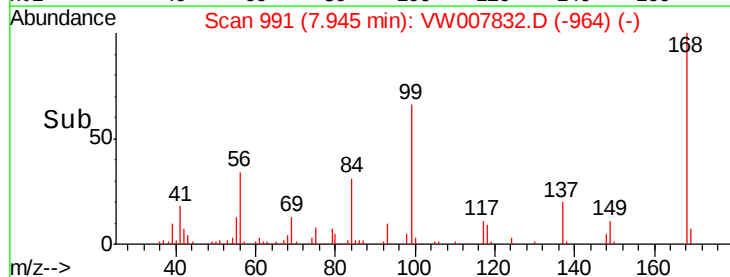
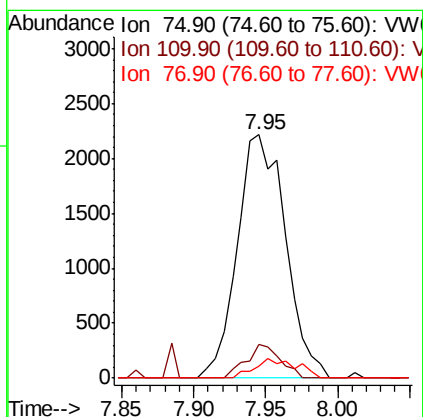
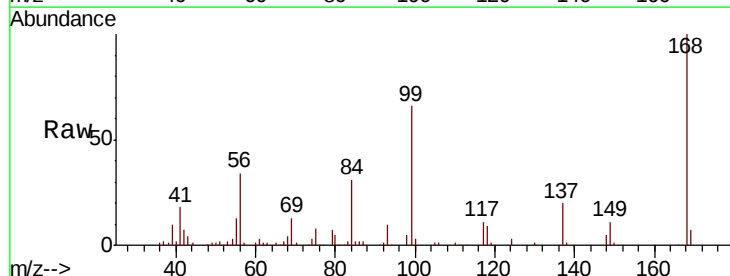
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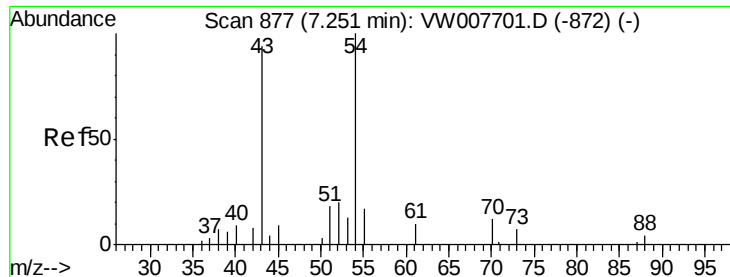
Tgt Ion: 113 Resp: 28288
 Ion Ratio Lower Upper
 113 100
 111 104.1 82.6 124.0
 192 19.4 15.5 23.3



#36
 1,1-Dichloropropene
 Concen: 4.763 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007832.D
 Acq: 22 Dec 2018 10:07

Tgt Ion: 75 Resp: 5136
 Ion Ratio Lower Upper
 75 100
 110 9.8 18.6 55.8#
 77 6.8 25.0 37.4#

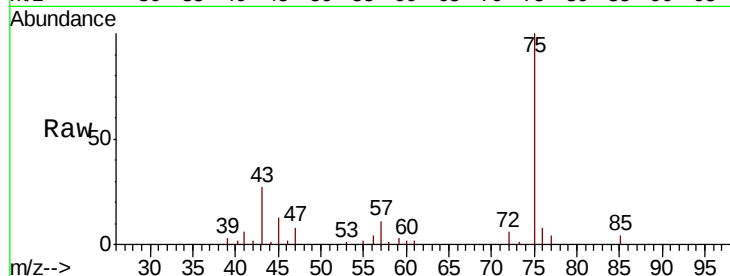




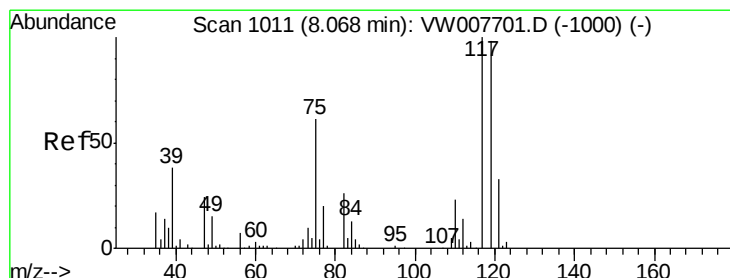
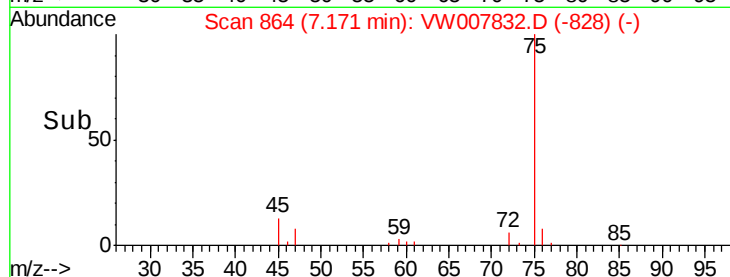
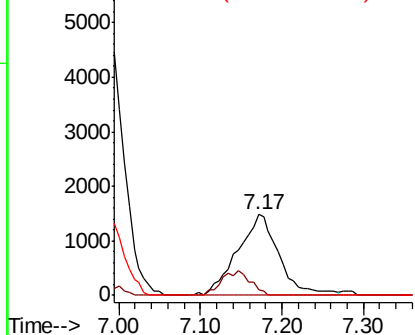
#37
Ethyl Acetate
Concen: 14.092 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.08 min
Lab File: VW007832.D
Acq: 22 Dec 2018 10:07

Instrument :
MSVOA_W
ClientSampleId :
P001-SS013B-3642-01

Tgt Ion: 43 Resp: 5244
Ion Ratio Lower Upper
43 100
61 0.0 11.2 16.8#
70 0.0 9.3 13.9#

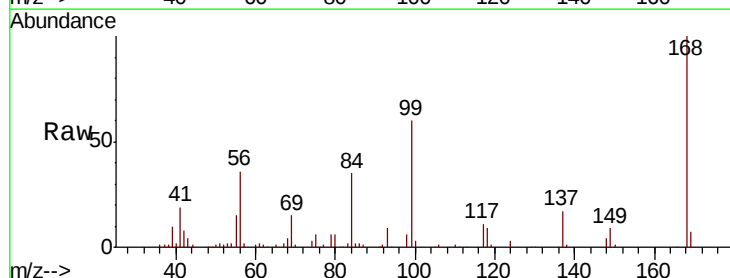


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

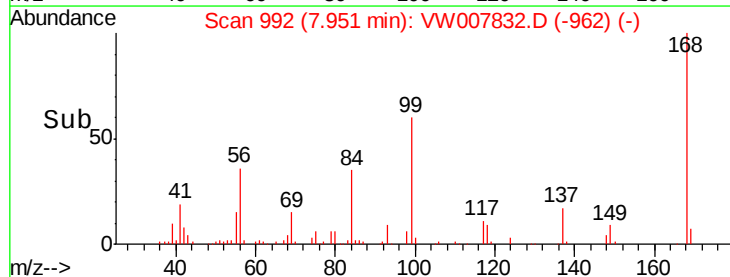
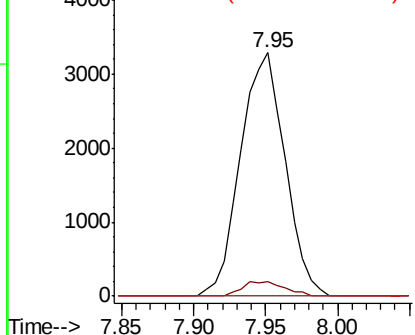


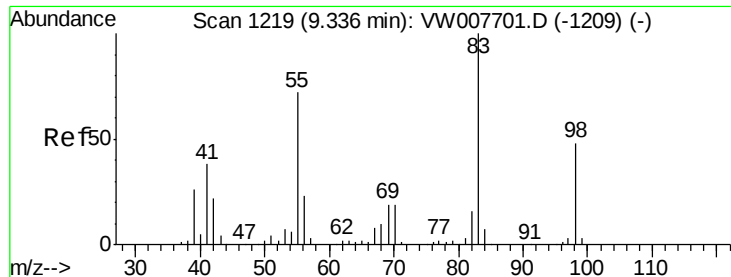
#38
Carbon Tetrachloride
Concen: 5.557 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007832.D
Acq: 22 Dec 2018 10:07

Tgt Ion: 117 Resp: 7057
Ion Ratio Lower Upper
117 100
119 6.1 78.2 117.2#
121 0.0 26.1 39.1#



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

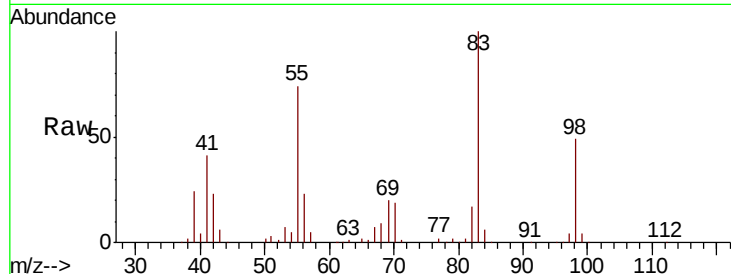




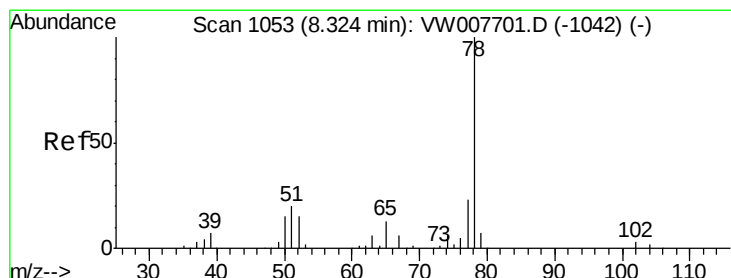
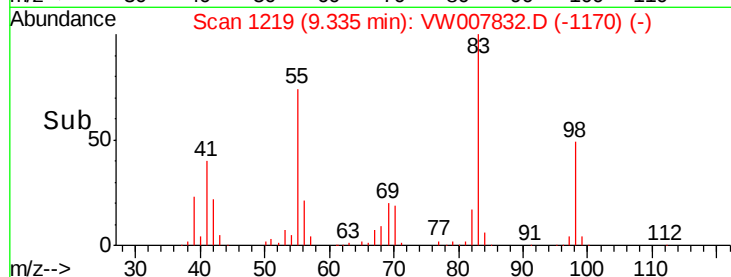
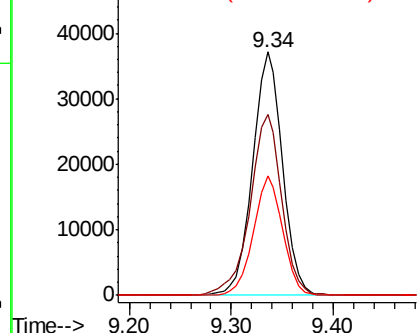
#39
Methylcyclohexane
Concen: 56.462 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007832.D
Acq: 22 Dec 2018 10:07

Instrument :
MSVOA_W
ClientSampleId :
P001-SS013B-3642-01

Tgt Ion: 83 Resp: 75650
Ion Ratio Lower Upper
83 100
55 74.1 57.2 85.8
98 48.9 38.6 58.0

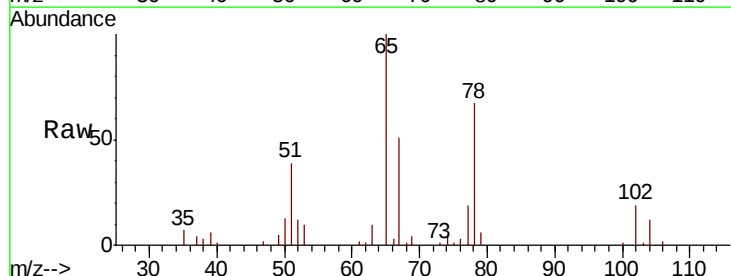


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

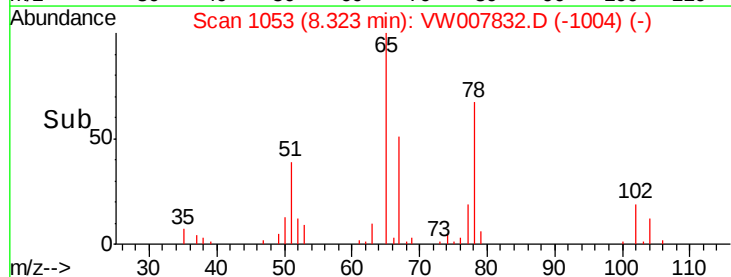
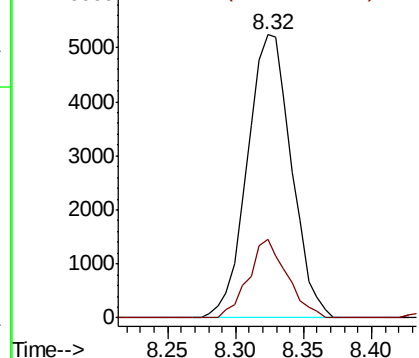


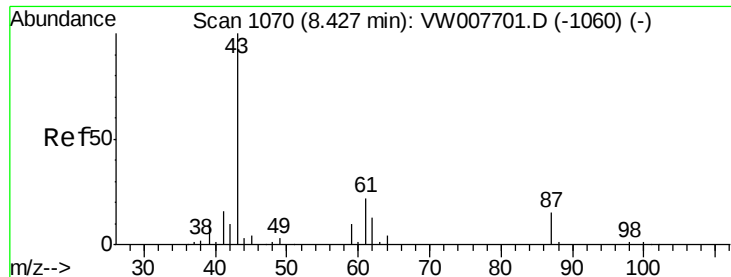
#40
Benzene
Concen: 4.127 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007832.D
Acq: 22 Dec 2018 10:07

Tgt Ion: 78 Resp: 11876
Ion Ratio Lower Upper
78 100
77 28.0 18.7 28.1



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





#43

Isopropyl Acetate

Concen: 2.821 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW007832.D

Acq: 22 Dec 2018 10:07

Instrument :

MSVOA_W

ClientSampleId :

P001-SS013B-3642-01

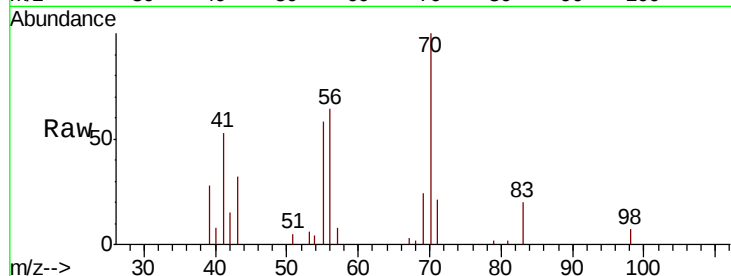
Tgt Ion: 43 Resp: 2103

Ion Ratio Lower Upper

43 100

61 0.0 26.3 39.5#

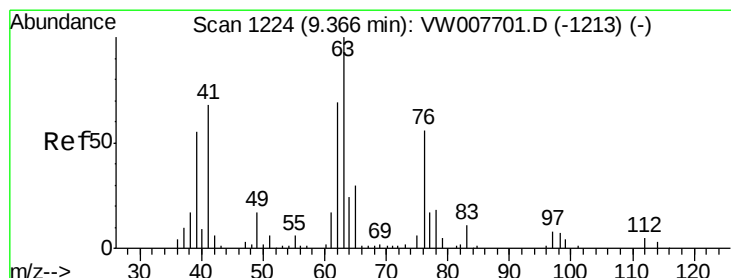
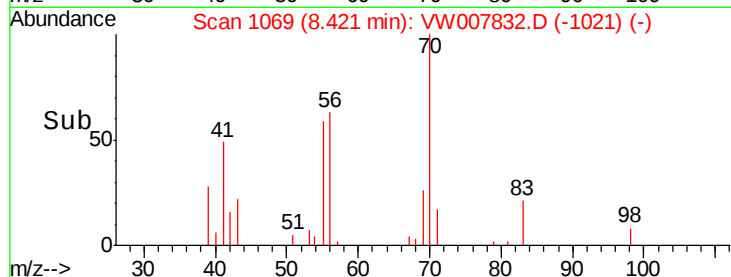
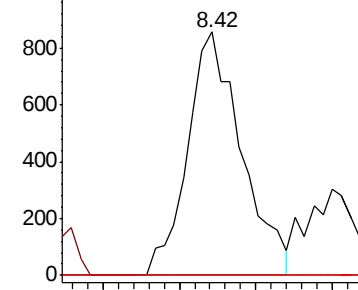
87 0.0 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#45

1,2-Dichloropropane

Concen: 1.128 ug/l

RT: 9.32 min Scan# 1217

Delta R.T. -0.04 min

Lab File: VW007832.D

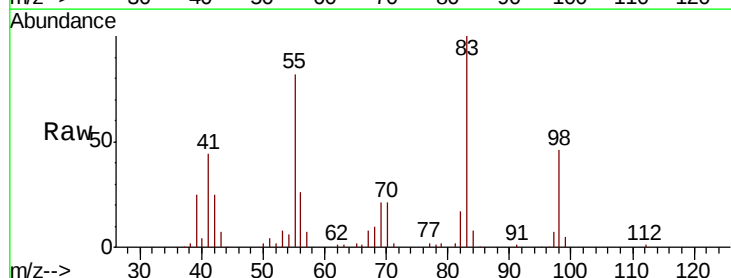
Acq: 22 Dec 2018 10:07

Tgt Ion: 63 Resp: 720

Ion Ratio Lower Upper

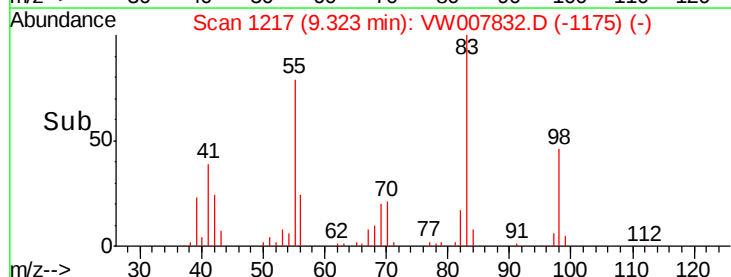
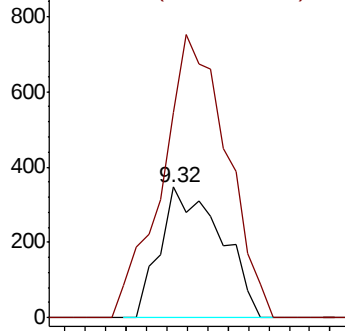
63 100

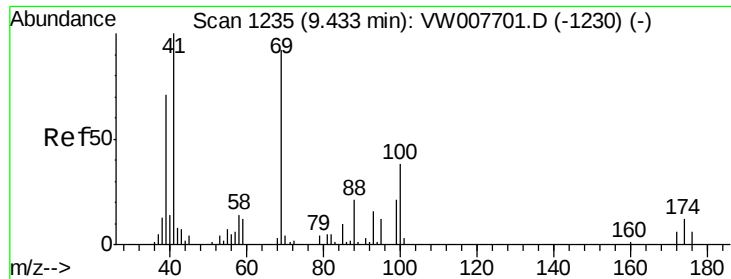
65 157.3 23.8 35.8#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW

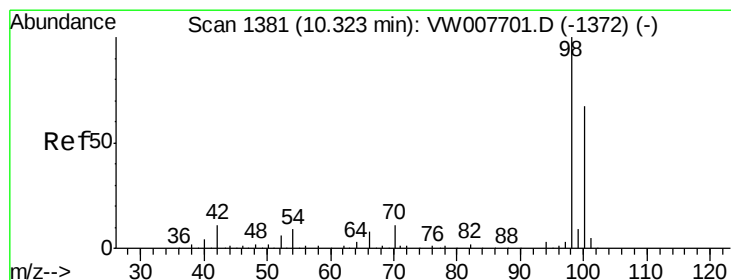
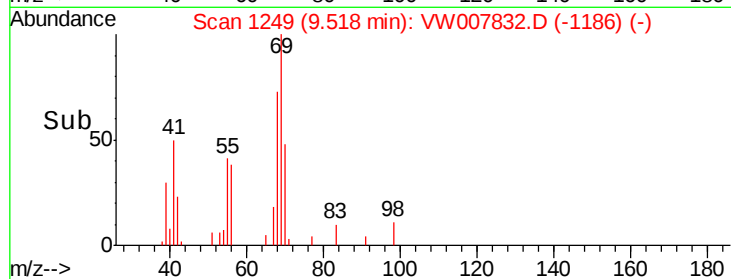
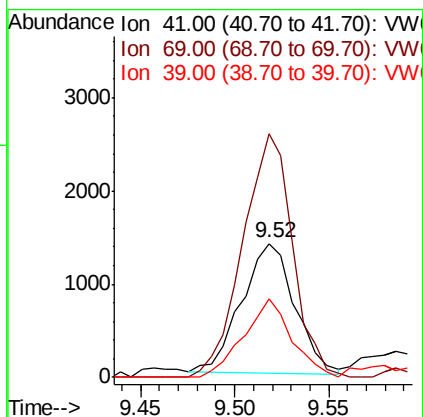
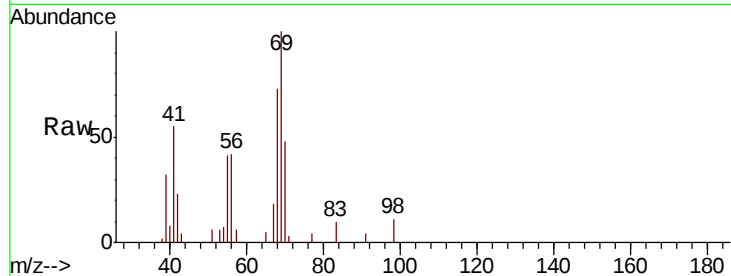




#48
Methyl methacrylate
Concen: 7.350 ug/l
RT: 9.52 min Scan# 1249
Delta R.T. 0.09 min
Lab File: VW007832.D
Acq: 22 Dec 2018 10:07

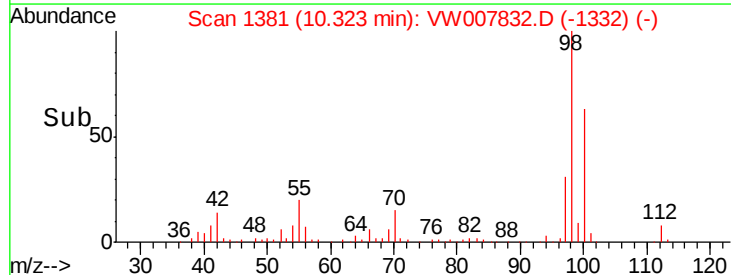
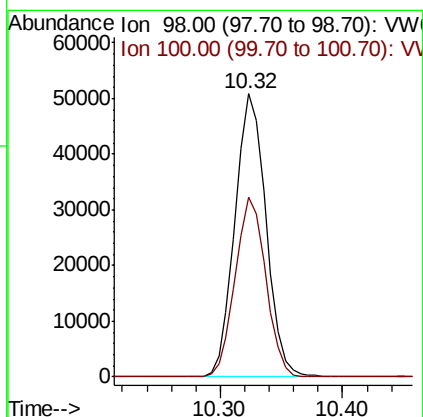
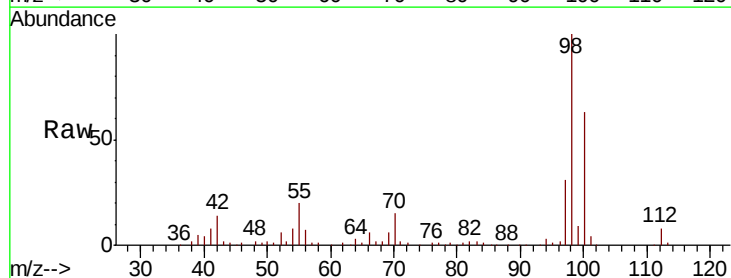
Instrument :
MSVOA_W
ClientSampleId :
P001-SS013B-3642-01

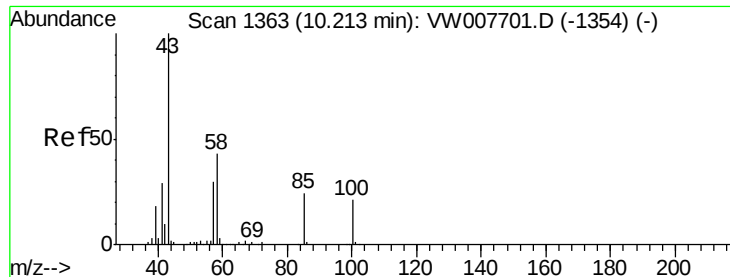
Tgt Ion: 41 Resp: 2735
Ion Ratio Lower Upper
41 100
69 175.0 74.2 111.2#
39 54.3 53.9 80.9



#50
Toluene-d8
Concen: 34.824 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007832.D
Acq: 22 Dec 2018 10:07

Tgt Ion: 98 Resp: 89470
Ion Ratio Lower Upper
98 100
100 62.4 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 1.990 ug/l

RT: 10.25 min Scan# 1369

Delta R.T. 0.04 min

Lab File: VW007832.D

Acq: 22 Dec 2018 10:07

Instrument :

MSVOA_W

ClientSampleId :

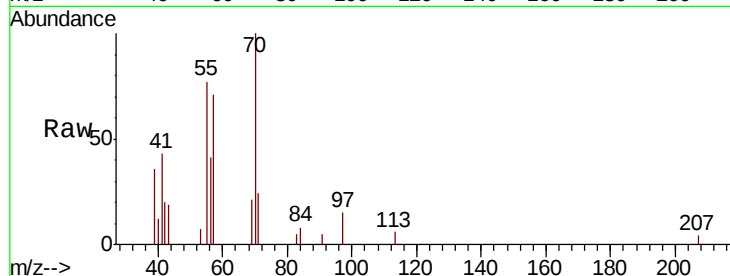
P001-SS013B-3642-01

Tgt Ion: 43 Resp: 701

Ion Ratio Lower Upper

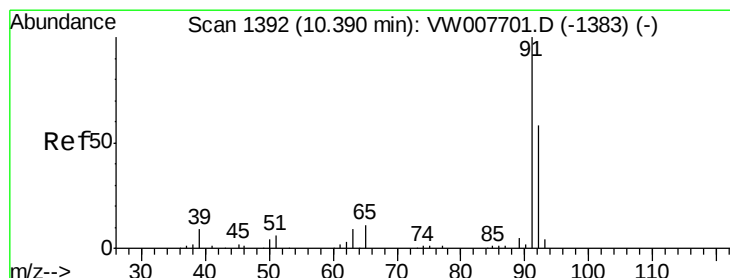
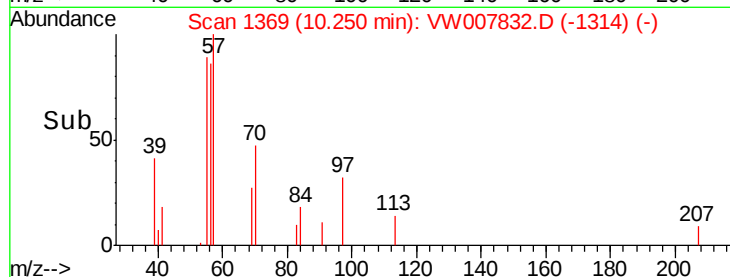
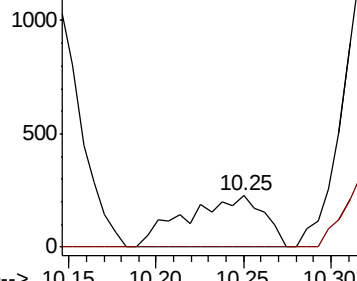
43 100

58 0.0 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: 20.926 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007832.D

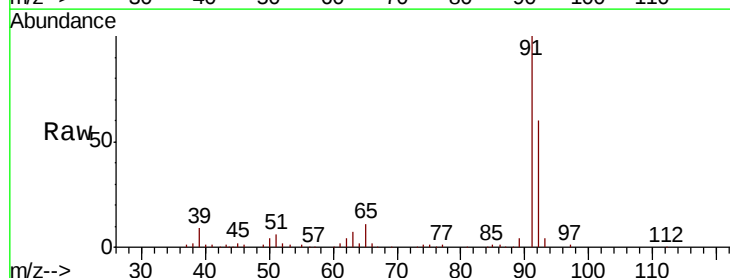
Acq: 22 Dec 2018 10:07

Tgt Ion: 92 Resp: 40397

Ion Ratio Lower Upper

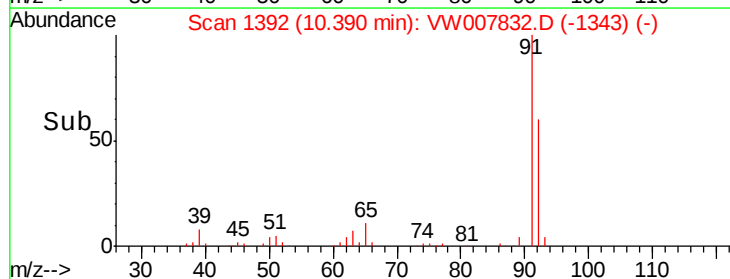
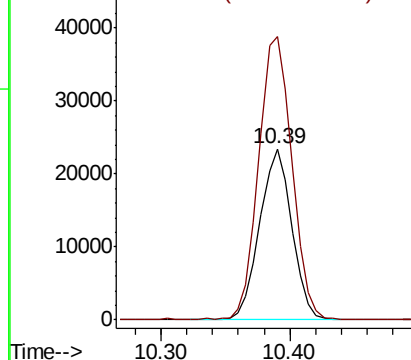
92 100

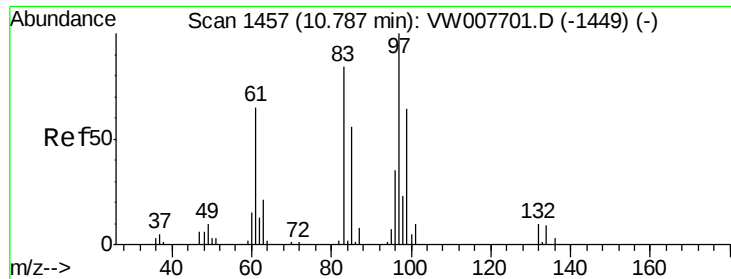
91 171.5 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

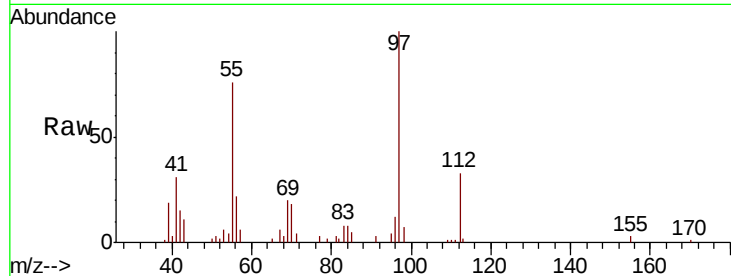




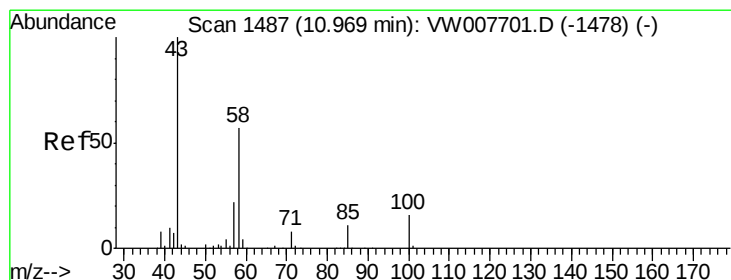
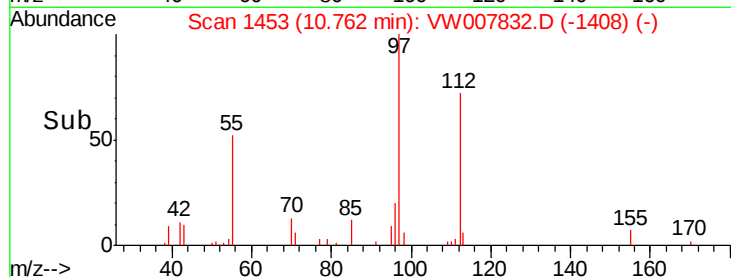
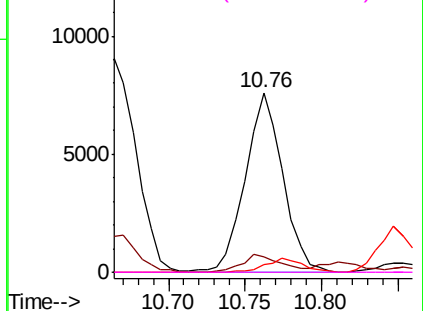
#55
 1,1,2-Trichloroethane
 Concen: 23.852 ug/l
 RT: 10.76 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: VW007832.D
 Acq: 22 Dec 2018 10:07

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS013B-3642-01

Tgt Ion: 97 Resp: 12923
 Ion Ratio Lower Upper
 97 100
 83 8.3 67.5 101.3#
 85 4.6 44.8 67.2#
 99 0.0 51.0 76.4#

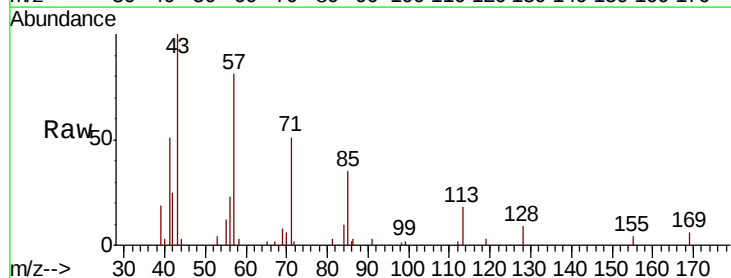


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

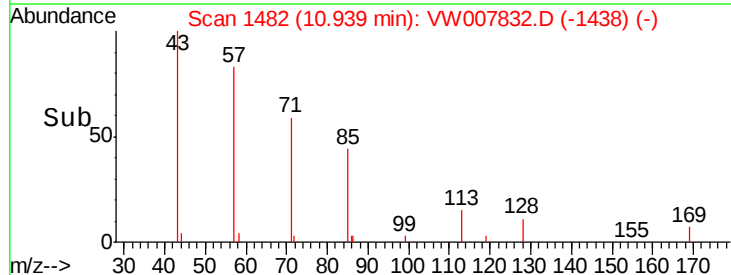
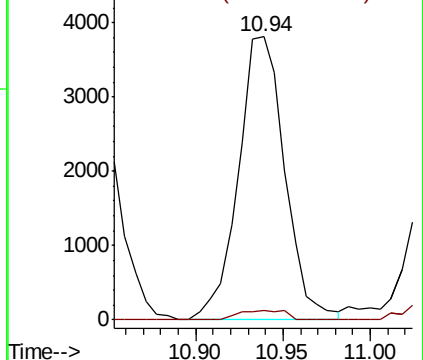


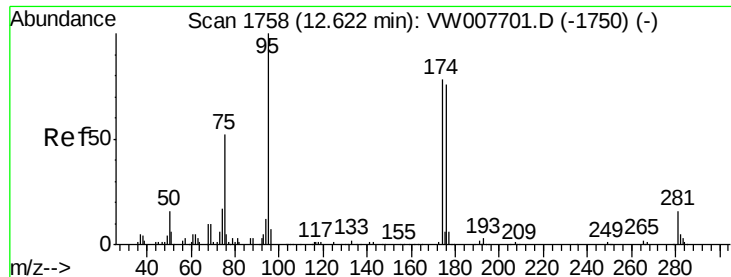
#59
 2-Hexanone
 Concen: 28.436 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.03 min
 Lab File: VW007832.D
 Acq: 22 Dec 2018 10:07

Tgt Ion: 43 Resp: 7046
 Ion Ratio Lower Upper
 43 100
 58 3.4 27.7 83.1#



Abundance Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

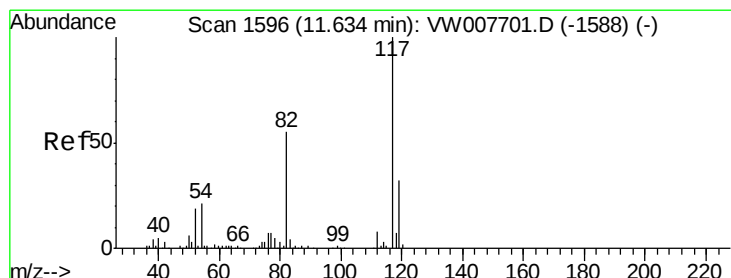
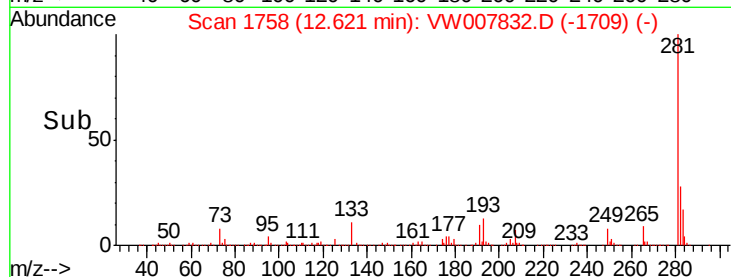
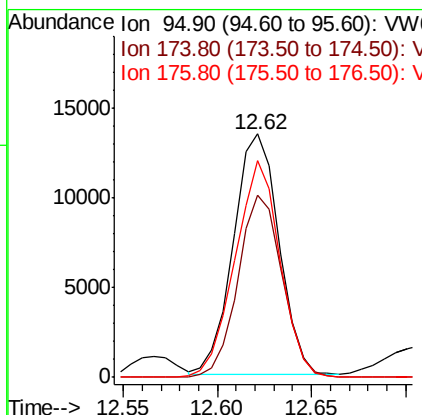
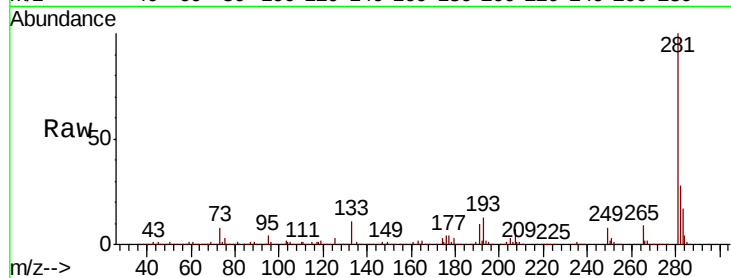




#62
4-Bromofluorobenzene
Concen: 22.580 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007832.D
Acq: 22 Dec 2018 10:07

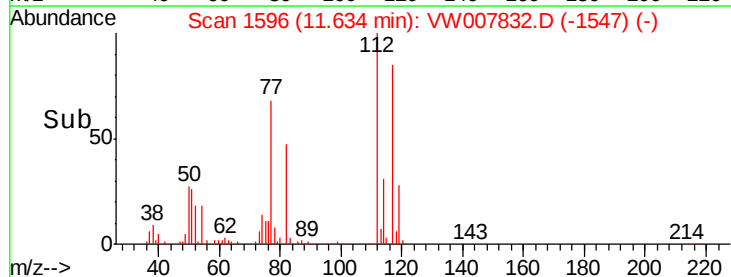
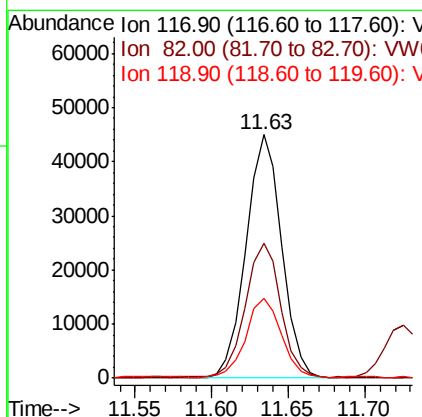
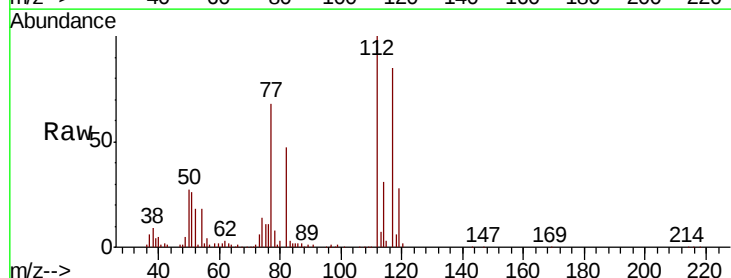
Instrument :
MSVOA_W
ClientSampleId :
P001-SS013B-3642-01

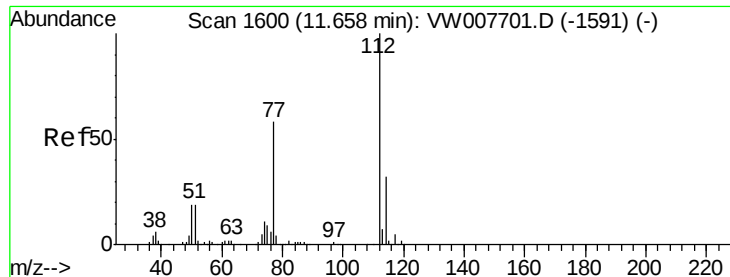
Tgt Ion: 95 Resp: 22412
Ion Ratio Lower Upper
95 100
174 73.7 0.0 152.2
176 89.1 0.0 146.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007832.D
Acq: 22 Dec 2018 10:07

Tgt Ion: 117 Resp: 72764
Ion Ratio Lower Upper
117 100
82 55.2 44.3 66.5
119 32.4 25.7 38.5

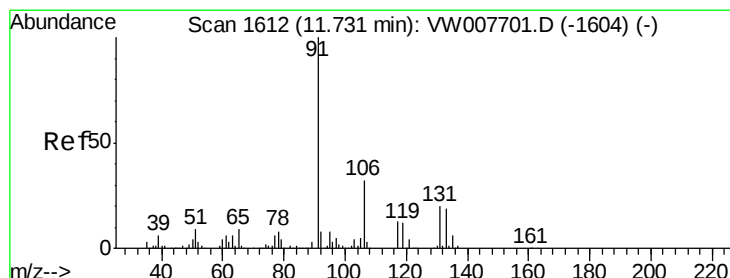
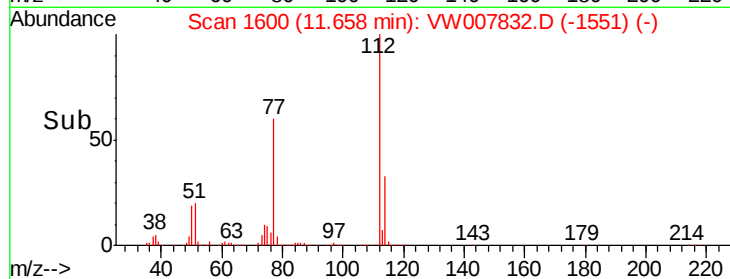
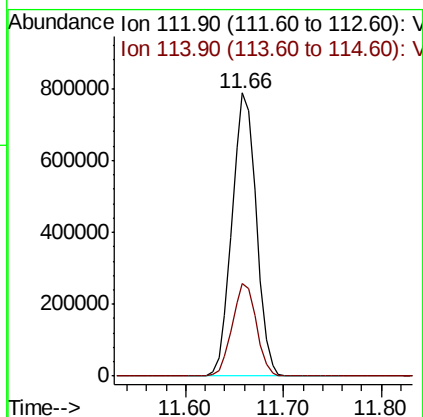
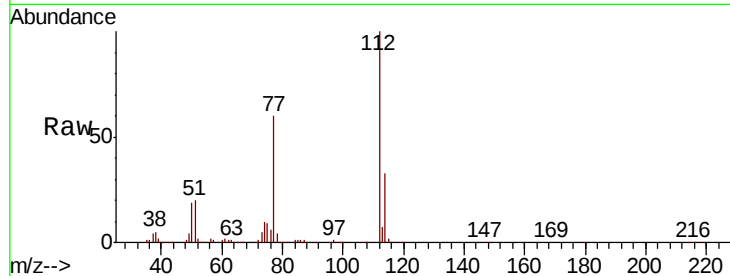




#65
Chlorobenzene
Concen: 860.851 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007832.D
Acq: 22 Dec 2018 10:07

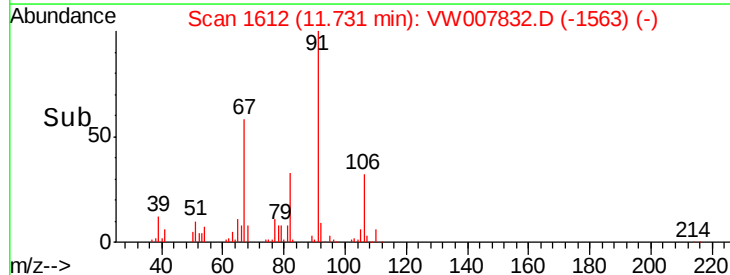
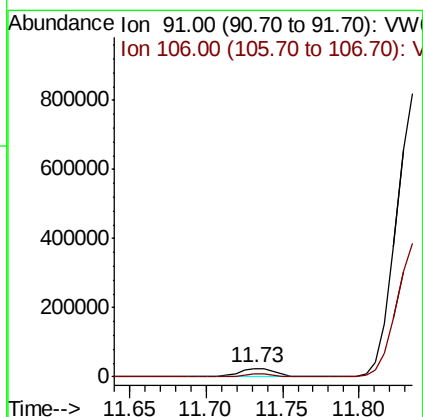
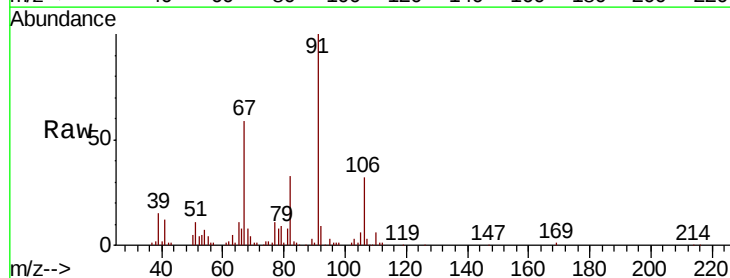
Instrument :
MSVOA_W
ClientSampleId :
P001-SS013B-3642-01

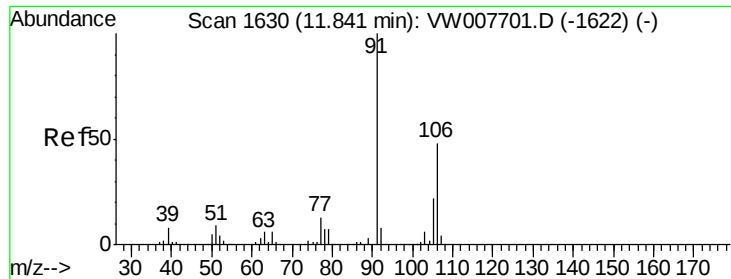
Tgt Ion: 112 Resp: 1355774
Ion Ratio Lower Upper
112 100
114 32.5 25.2 37.8



#67
Ethyl Benzene
Concen: 15.391 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007832.D
Acq: 22 Dec 2018 10:07

Tgt Ion: 91 Resp: 41595
Ion Ratio Lower Upper
91 100
106 31.8 25.8 38.8

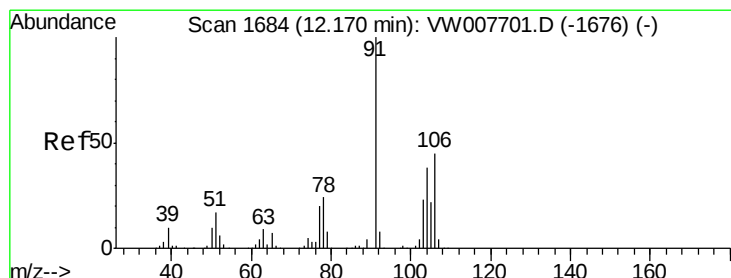
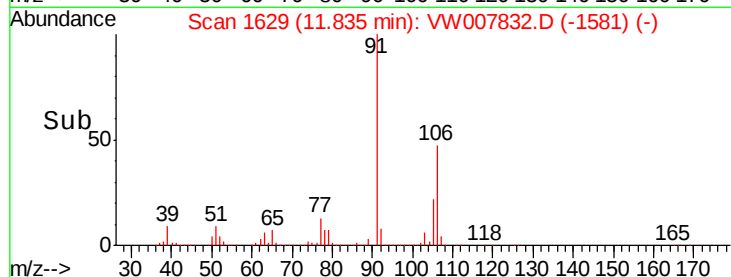
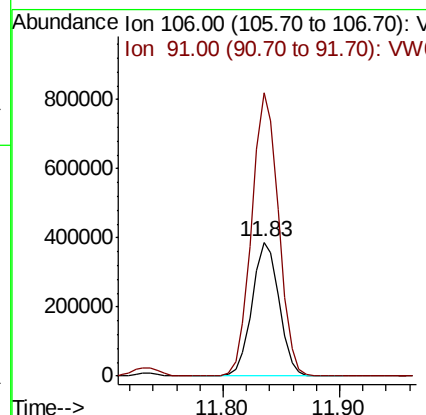
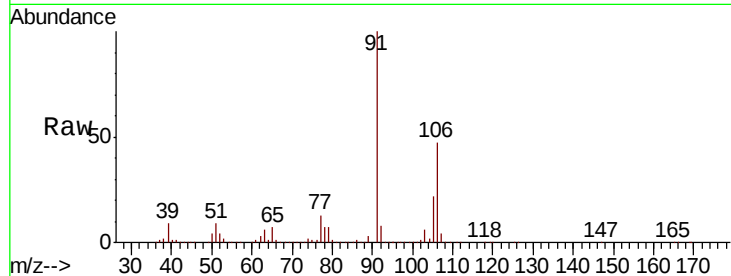




#68
m/p-Xylenes
Concen: 598.427 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007832.D
Acq: 22 Dec 2018 10:07

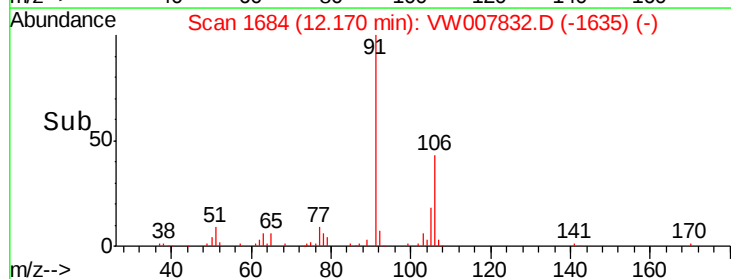
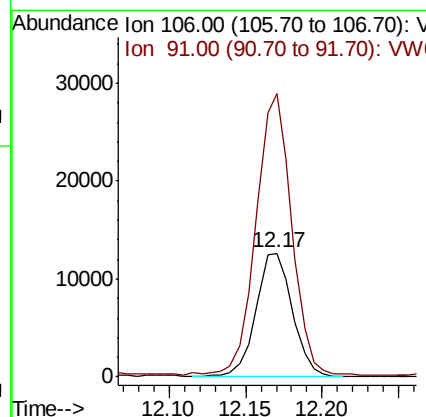
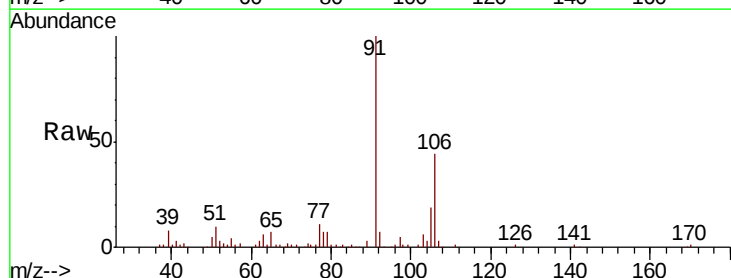
Instrument :
MSVOA_W
ClientSampleId :
P001-SS013B-3642-01

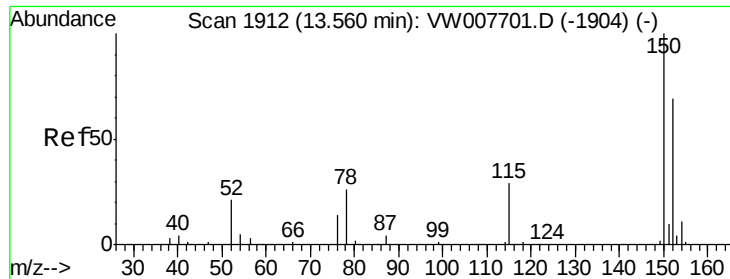
Tgt Ion:106 Resp: 627369
Ion Ratio Lower Upper
106 100
91 210.4 165.2 247.8



#69
o-Xylene
Concen: 21.495 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007832.D
Acq: 22 Dec 2018 10:07

Tgt Ion:106 Resp: 21123
Ion Ratio Lower Upper
106 100
91 221.7 110.5 331.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007832.D

Acq: 22 Dec 2018 10:07

Instrument :

MSVOA_W

ClientSampleId :

P001-SS013B-3642-01

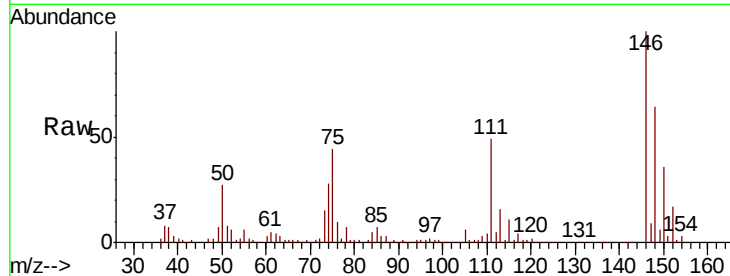
Tgt Ion:152 Resp: 19828

Ion Ratio Lower Upper

152 100

115 0.0 31.8 95.4#

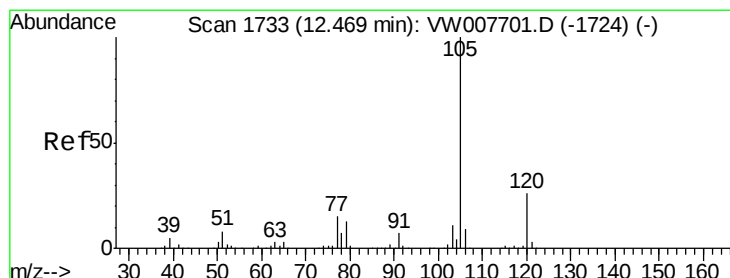
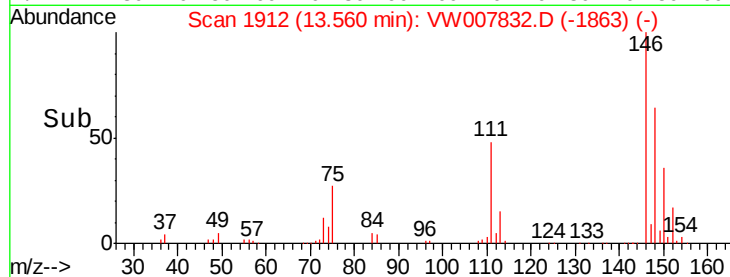
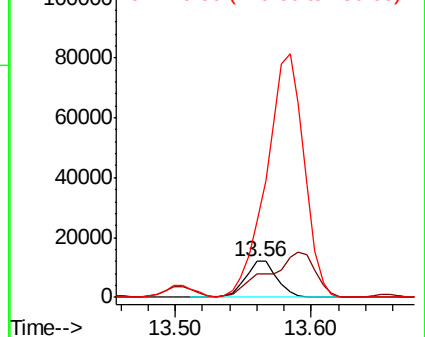
150 0.0 0.0 350.8



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: 229.878 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007832.D

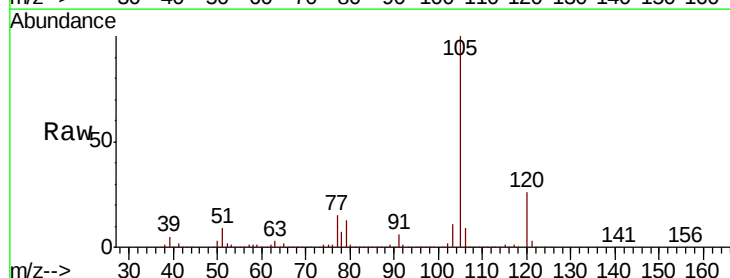
Acq: 22 Dec 2018 10:07

Tgt Ion:105 Resp: 344536

Ion Ratio Lower Upper

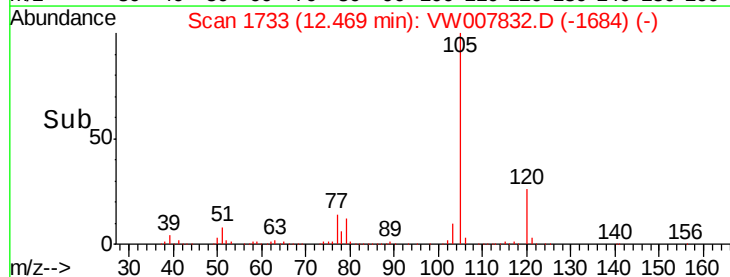
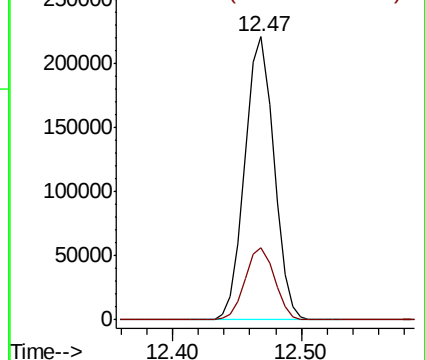
105 100

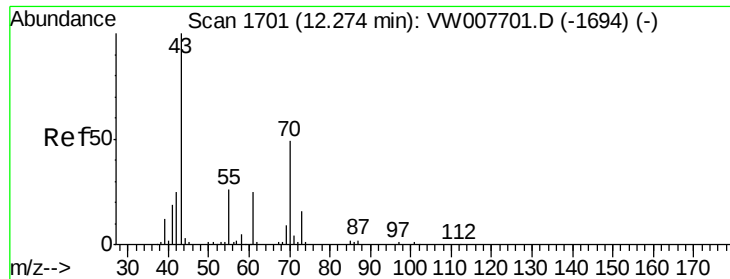
120 25.8 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 16.802 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW007832.D

Acq: 22 Dec 2018 10:07

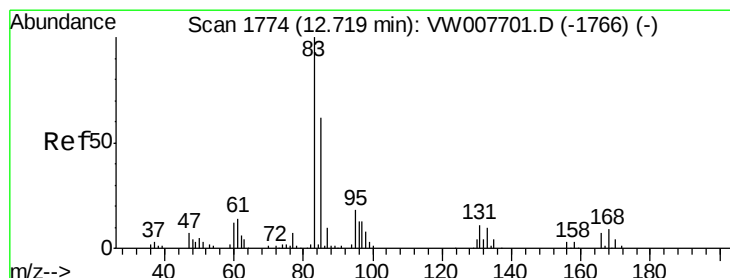
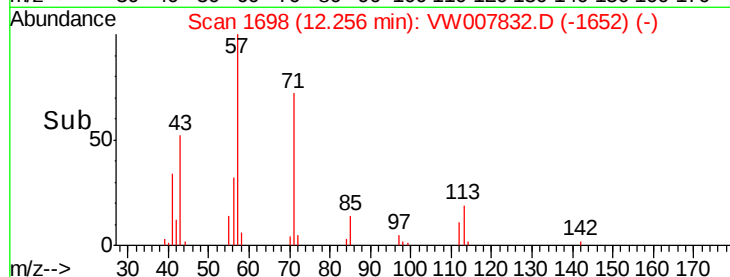
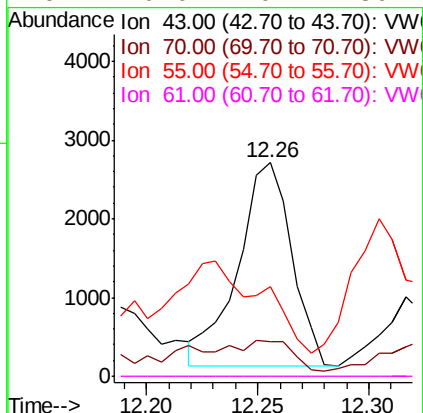
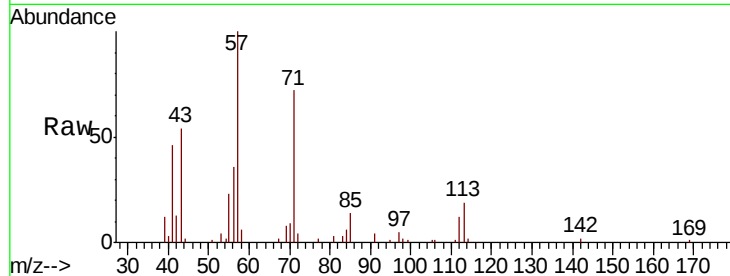
Instrument :

MSVOA_W

ClientSampleId :

P001-SS013B-3642-01

Tgt Ion:	43	Resp:	4362
Ion	Ratio	Lower	Upper
43	100		
70	15.5	37.6	56.4#
55	0.0	21.7	32.5#
61	0.0	20.1	30.1#



#75

1,1,2,2-Tetrachloroethane

Concen: 2.919 ug/l

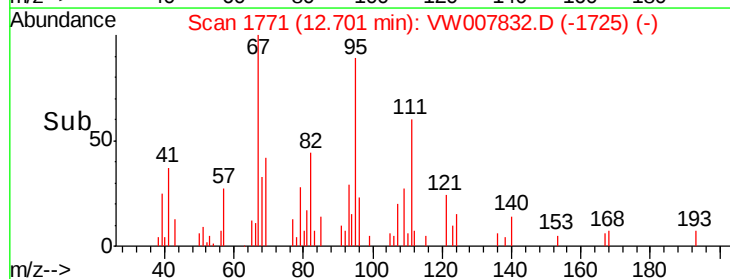
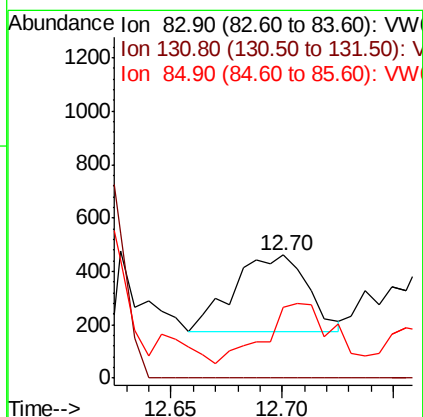
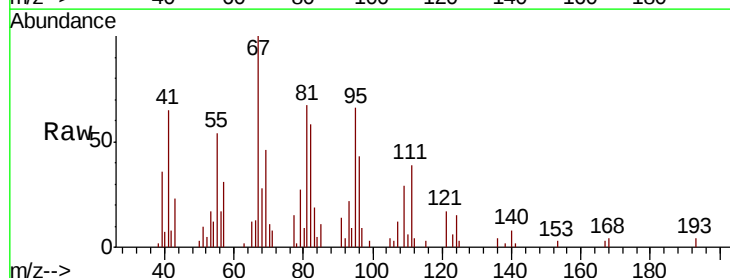
RT: 12.70 min Scan# 1771

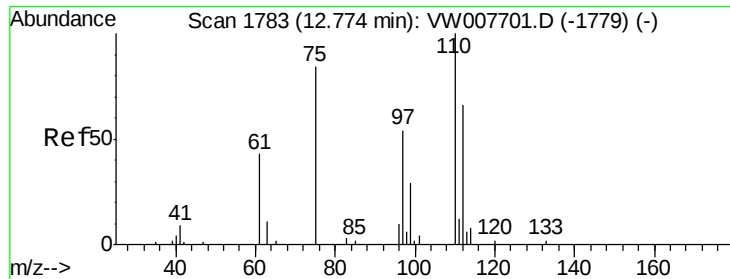
Delta R.T. -0.02 min

Lab File: VW007832.D

Acq: 22 Dec 2018 10:07

Tgt Ion:	83	Resp:	656
Ion	Ratio	Lower	Upper
83	100		
131	0.0	6.3	18.8#
85	70.9	32.3	96.8

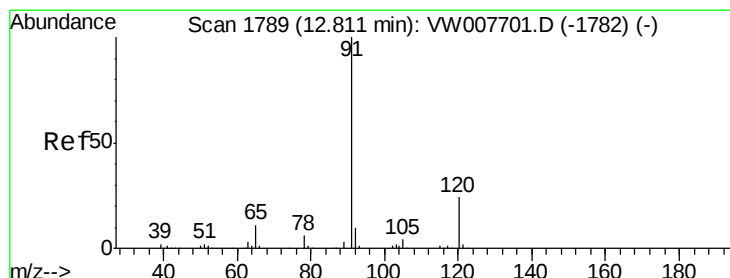
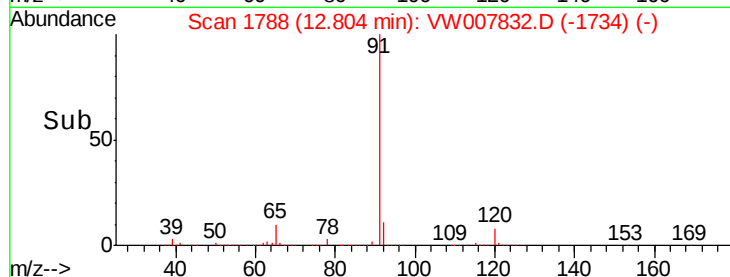
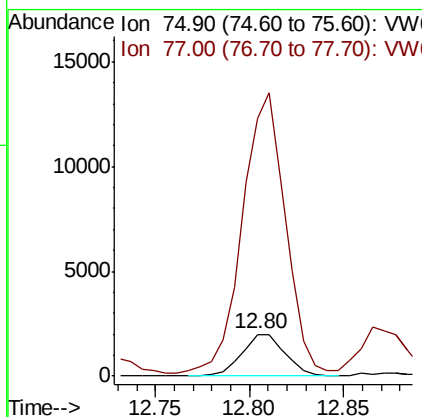
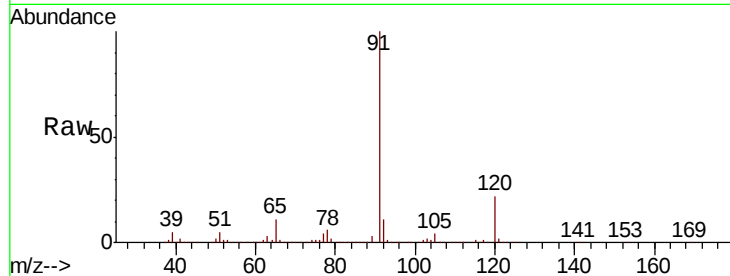




#76
 1,2,3-Trichloropropane
 Concen: 20.828 ug/l
 RT: 12.80 min Scan# 1788
 Delta R.T. 0.03 min
 Lab File: VW007832.D
 Acq: 22 Dec 2018 10:07

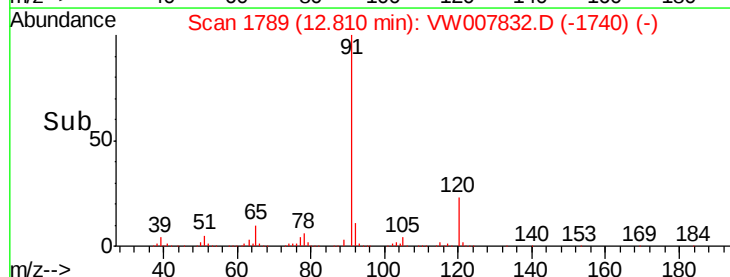
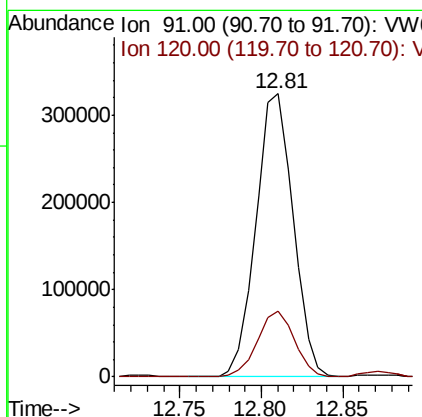
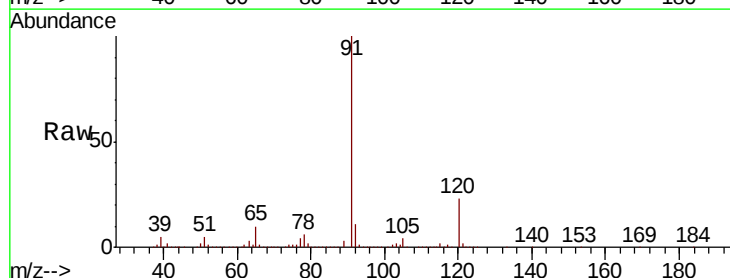
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS013B-3642-01

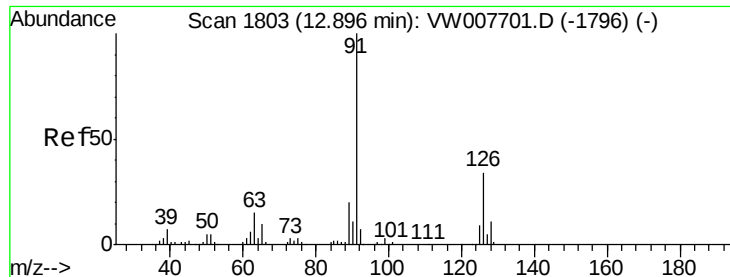
Tgt Ion: 75 Resp: 3192
 Ion Ratio Lower Upper
 75 100
 77 663.5 0.0 0.0#



#78
 n-propylbenzene
 Concen: 294.750 ug/l
 RT: 12.81 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VW007832.D
 Acq: 22 Dec 2018 10:07

Tgt Ion: 91 Resp: 514241
 Ion Ratio Lower Upper
 91 100
 120 23.1 11.9 35.7





#79

2-Chlorotoluene

Concen: 505.966 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.09 min

Lab File: VW007832.D

Acq: 22 Dec 2018 10:07

Instrument :

MSVOA_W

ClientSampleId :

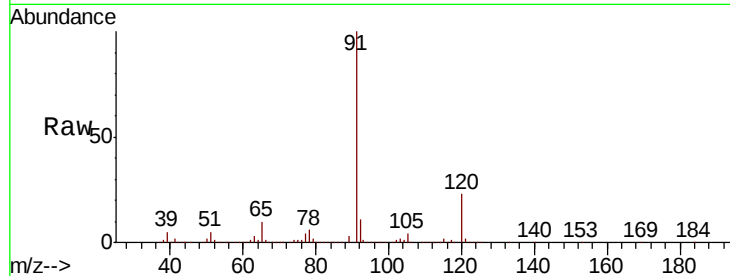
P001-SS013B-3642-01

Tgt Ion: 91 Resp: 514241

Ion Ratio Lower Upper

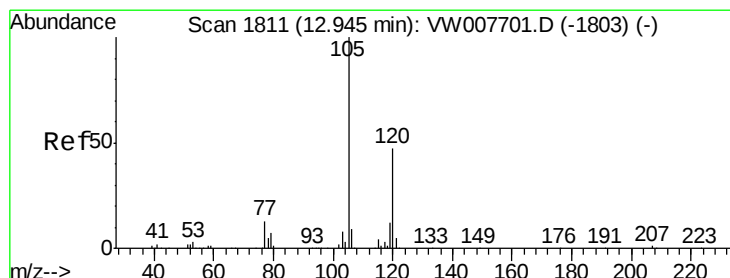
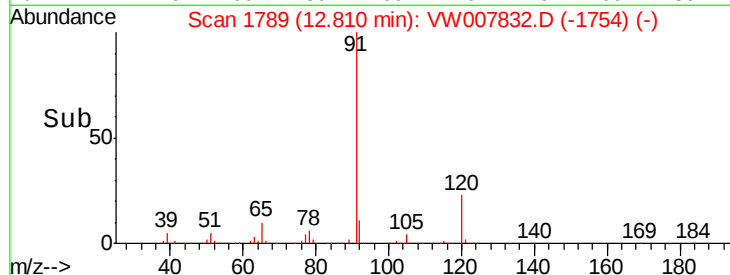
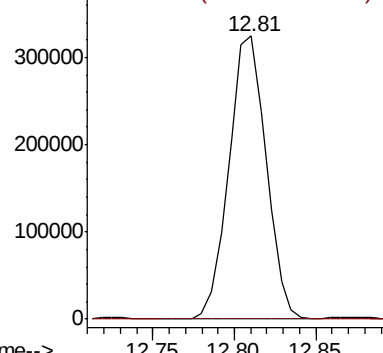
91 100

126 0.0 17.0 51.0#



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: 59.790 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW007832.D

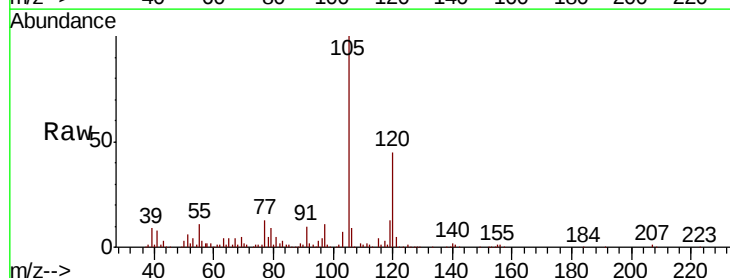
Acq: 22 Dec 2018 10:07

Tgt Ion: 105 Resp: 77297

Ion Ratio Lower Upper

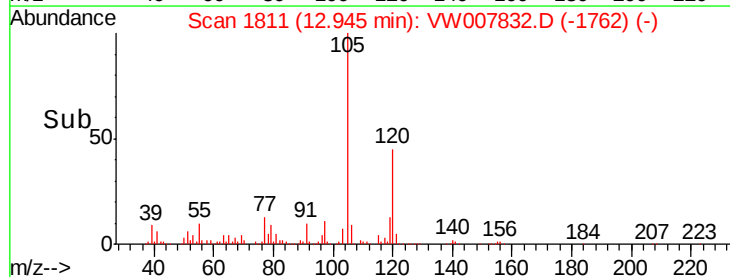
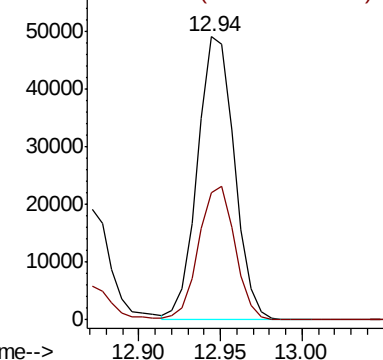
105 100

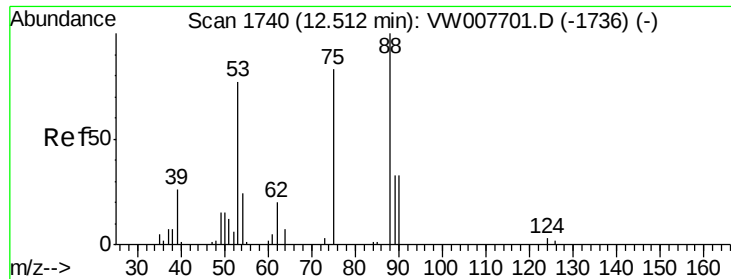
120 46.5 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 59.636 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.05 min

Lab File: VW007832.D

Acq: 22 Dec 2018 10:07

Instrument :

MSVOA_W

ClientSampleId :

P001-SS013B-3642-01

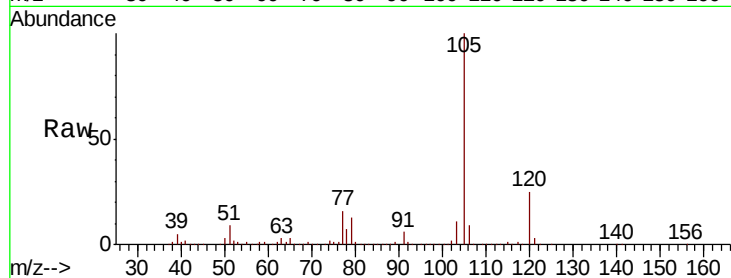
Tgt Ion: 75 Resp: 4354

Ion Ratio Lower Upper

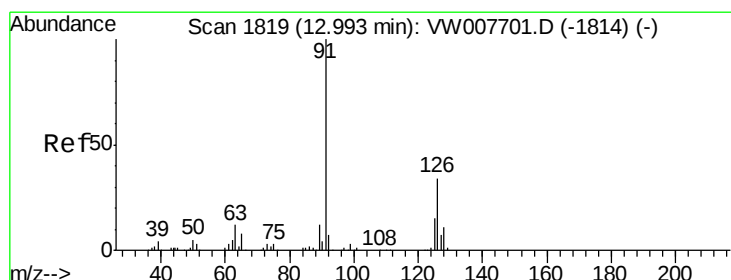
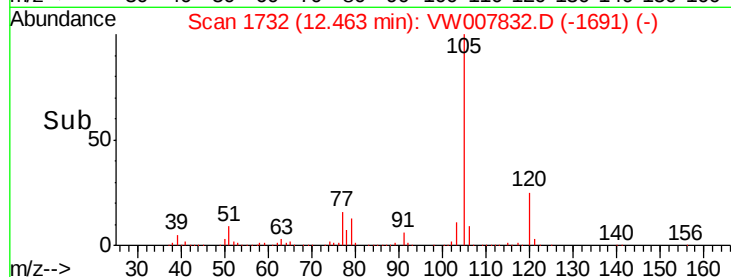
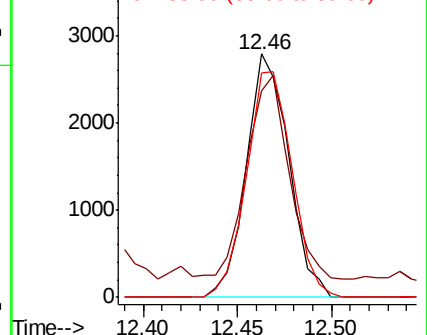
75 100

53 82.8 80.2 120.2

89 99.8 39.2 58.8#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 53.00 (52.70 to 53.70): VW
Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 64.136 ug/l

RT: 13.11 min Scan# 1838

Delta R.T. 0.12 min

Lab File: VW007832.D

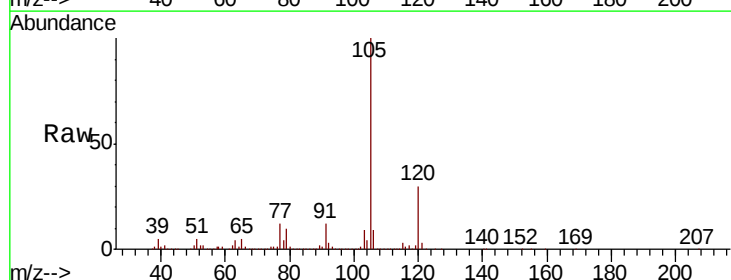
Acq: 22 Dec 2018 10:07

Tgt Ion: 91 Resp: 69407

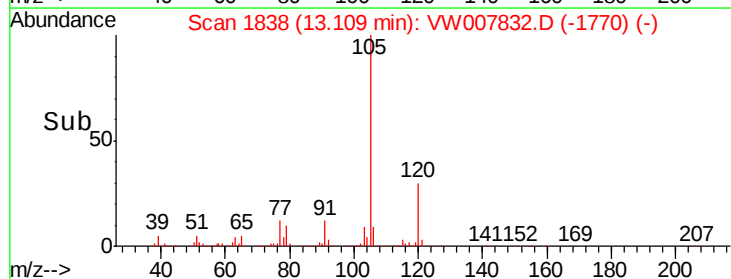
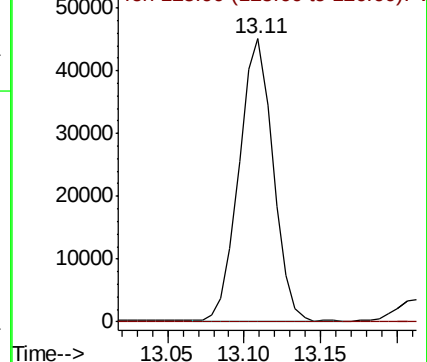
Ion Ratio Lower Upper

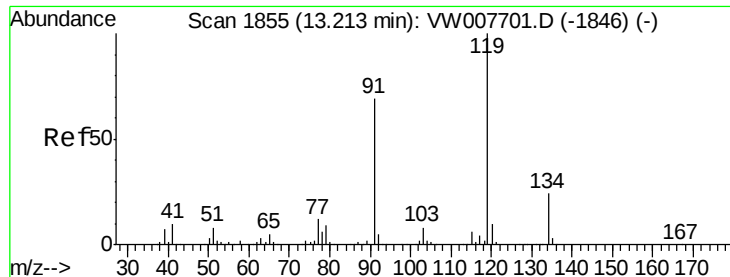
91 100

126 0.5 16.5 49.5#



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 125.90 (125.60 to 126.60): V

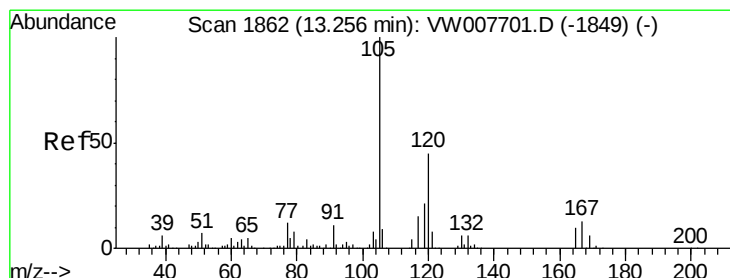
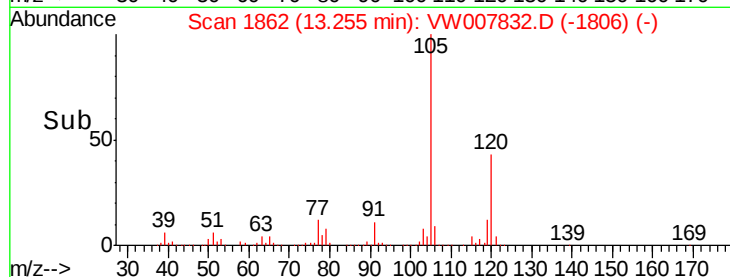
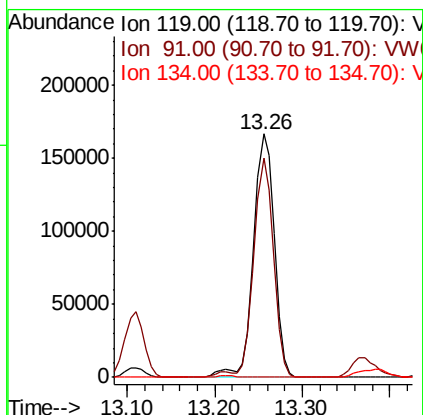
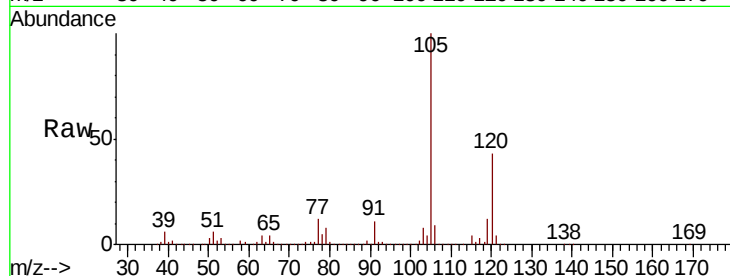




#83
 tert-Butylbenzene
 Concen: 242.770 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.04 min
 Lab File: VW007832.D
 Acq: 22 Dec 2018 10:07

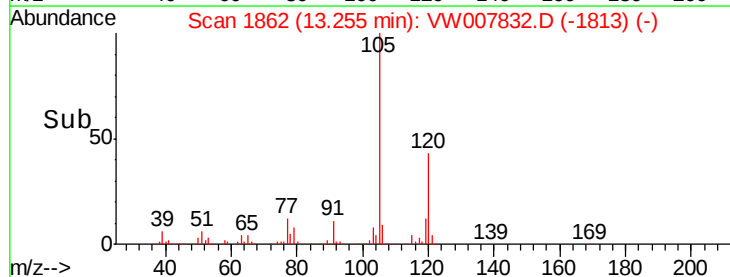
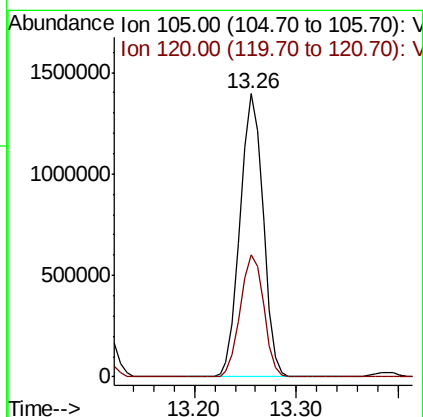
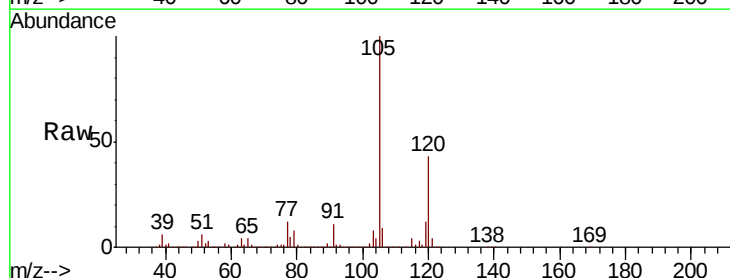
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS013B-3642-01

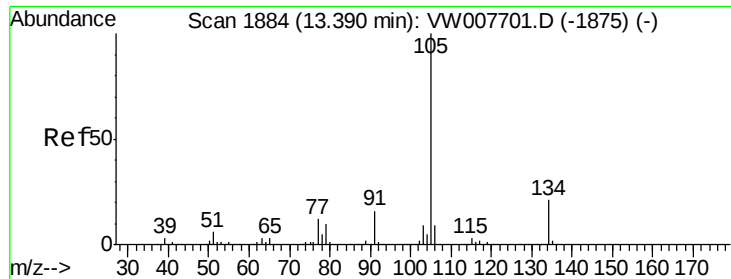
Tgt Ion:119 Resp: 275382
 Ion Ratio Lower Upper
 119 100
 91 86.1 34.2 102.5
 134 0.0 12.8 38.4#



#84
 1,2,4-Trimethylbenzene
 Concen: 1672.063 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007832.D
 Acq: 22 Dec 2018 10:07

Tgt Ion:105 Resp: 2181222
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.0 66.0

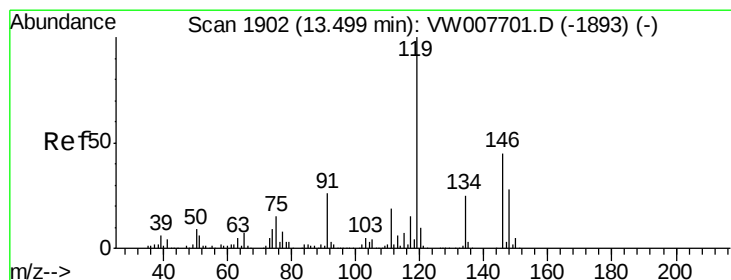
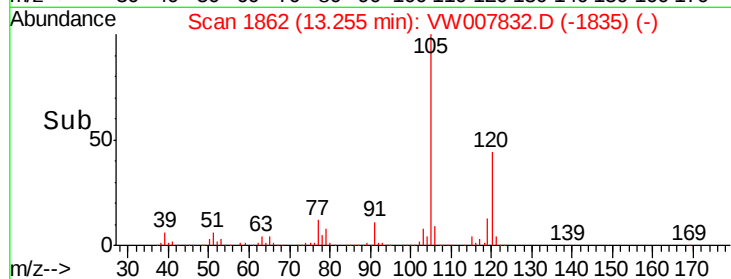
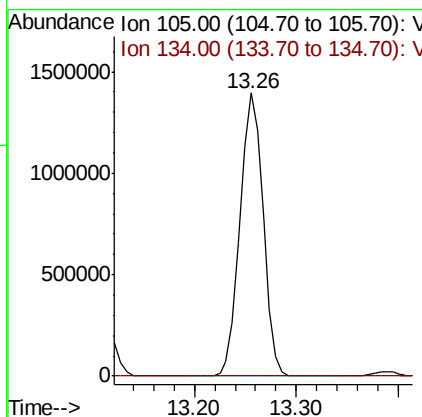
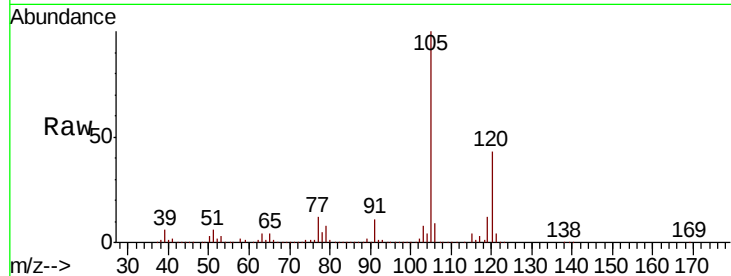




#85
 sec-Butylbenzene
 Concen: 1395.164 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.13 min
 Lab File: VW007832.D
 Acq: 22 Dec 2018 10:07

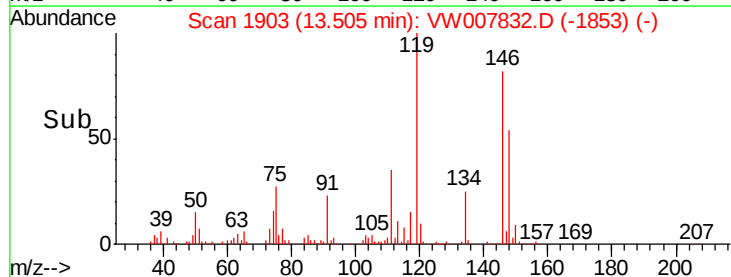
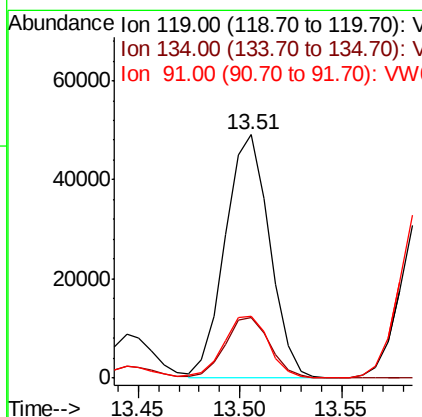
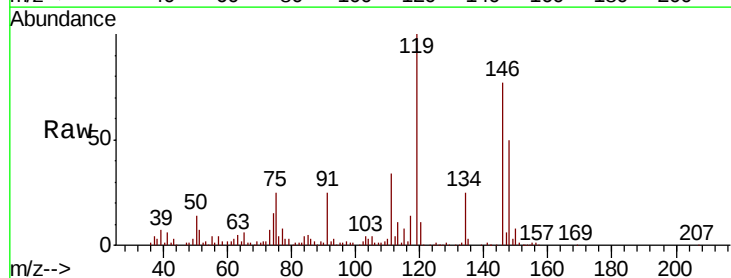
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS013B-3642-01

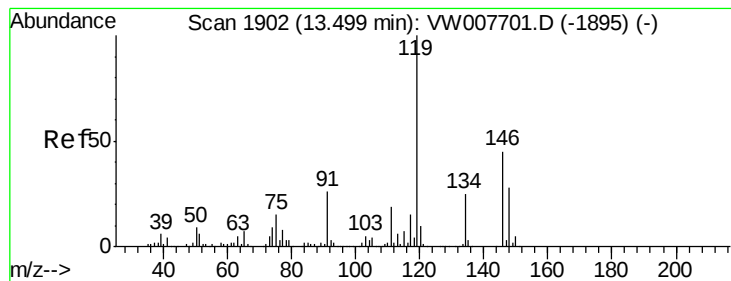
Tgt Ion:105 Resp: 2181085
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4#



#86
 p-Isopropyltoluene
 Concen: 52.041 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007832.D
 Acq: 22 Dec 2018 10:07

Tgt Ion:119 Resp: 73979
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.0 39.0
 91 25.1 12.8 38.4





#87

1,3-Dichlorobenzene

Concen: 91.553 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.01 min

Lab File: VW007832.D

Acq: 22 Dec 2018 10:07

Instrument :

MSVOA_W

ClientSampleId :

P001-SS013B-3642-01

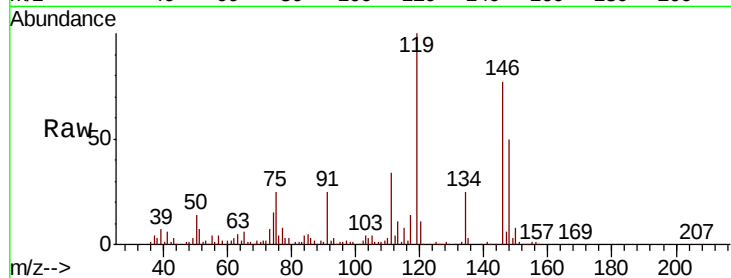
Tgt Ion:146 Resp: 62437

Ion Ratio Lower Upper

146 100

111 43.5 21.1 63.4

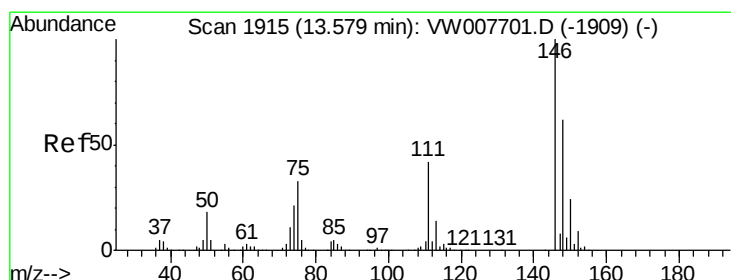
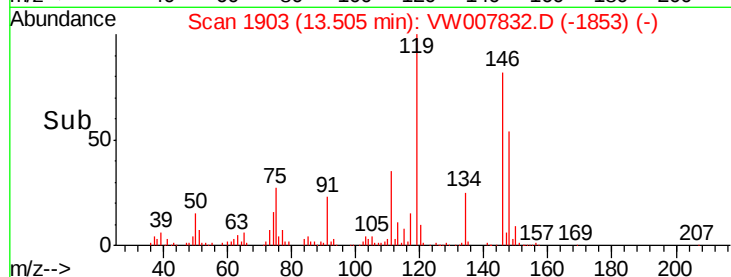
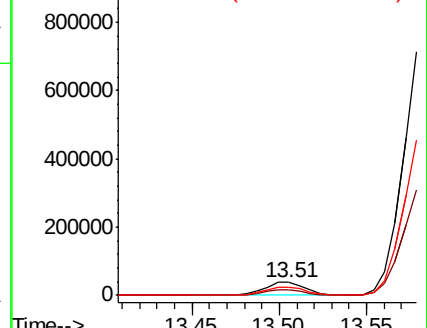
148 64.4 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 1846.376 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. 0.01 min

Lab File: VW007832.D

Acq: 22 Dec 2018 10:07

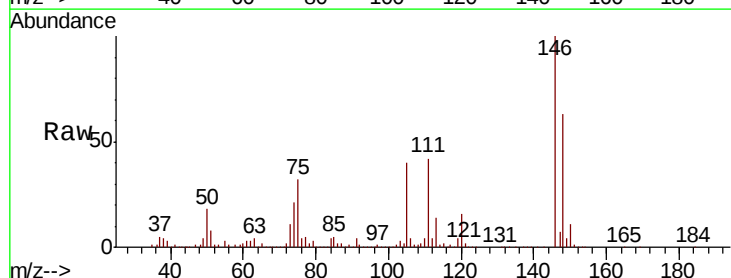
Tgt Ion:146 Resp: 1259555

Ion Ratio Lower Upper

146 100

111 42.0 21.0 63.0

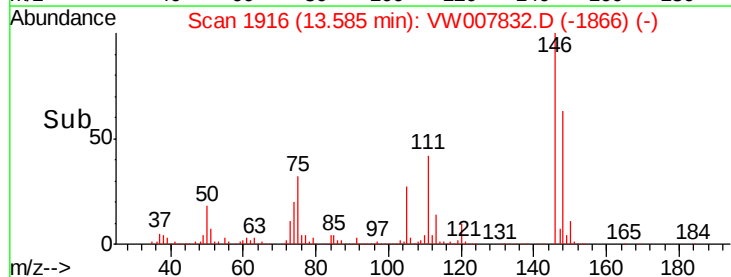
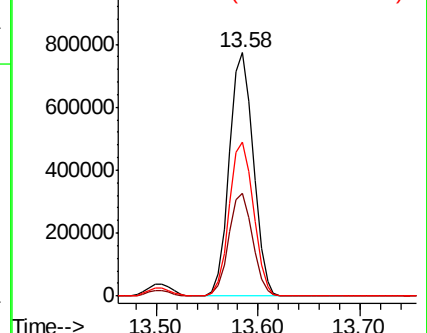
148 63.9 31.8 95.4

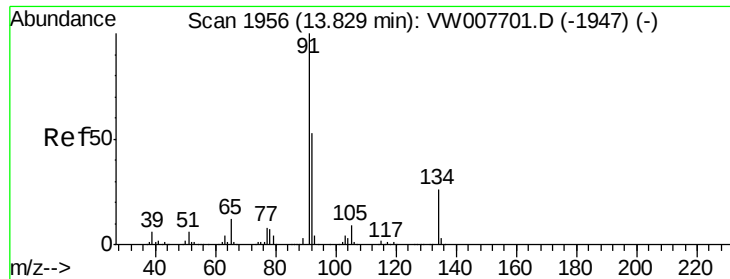


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 27.989 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007832.D

Acq: 22 Dec 2018 10:07

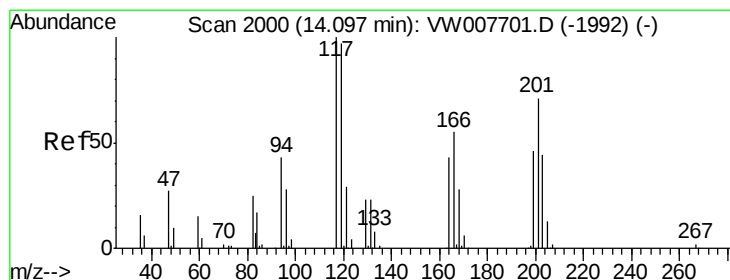
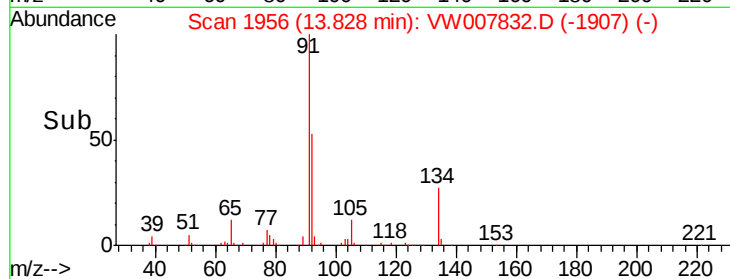
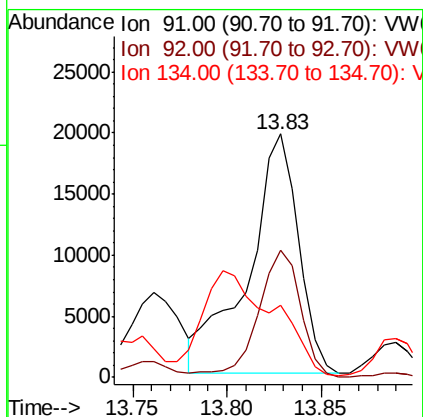
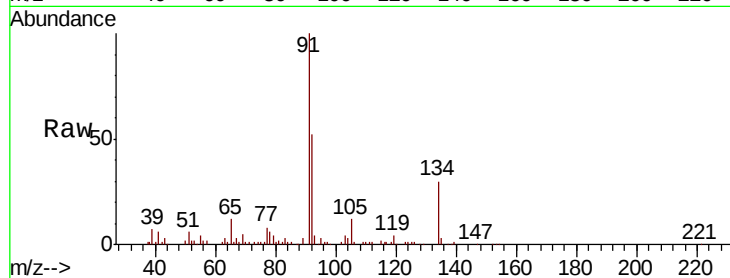
Instrument :

MSVOA_W

ClientSampleId :

P001-SS013B-3642-01

Tgt Ion:	91	Resp:	36480
Ion	Ratio	Lower	Upper
91	100		
92	44.0	26.4	79.2
134	0.0	13.7	41.0#



#90

Hexachloroethane

Concen: 67.368 ug/l

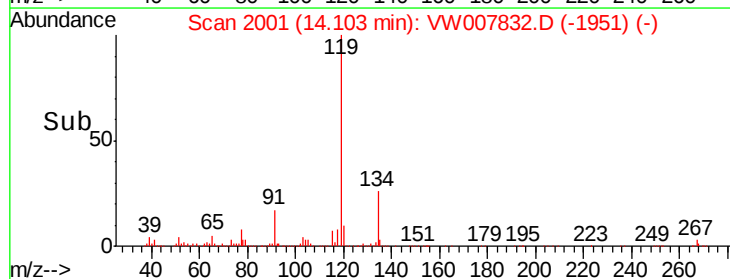
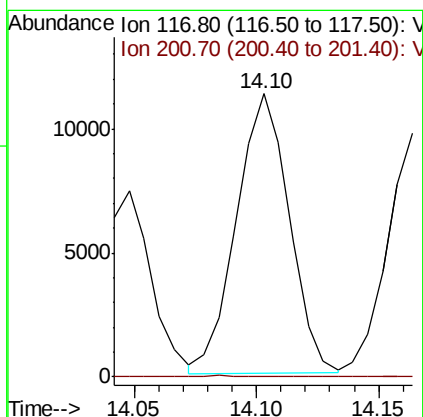
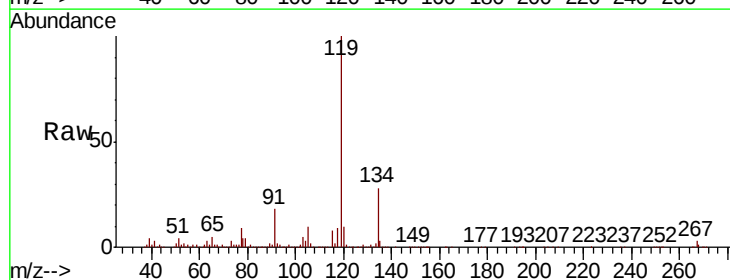
RT: 14.10 min Scan# 2001

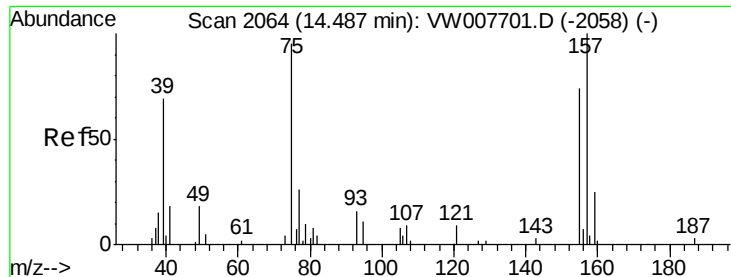
Delta R.T. 0.01 min

Lab File: VW007832.D

Acq: 22 Dec 2018 10:07

Tgt Ion:	117	Resp:	16813
Ion	Ratio	Lower	Upper
117	100		
201	0.1	36.2	108.6#

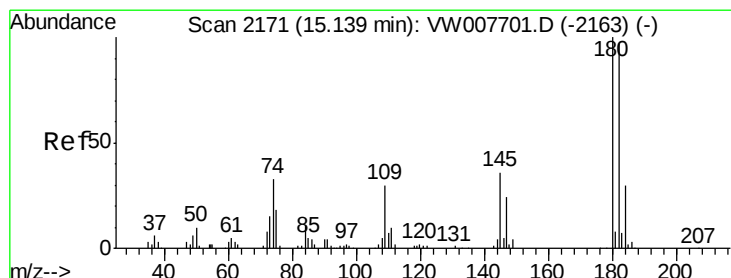
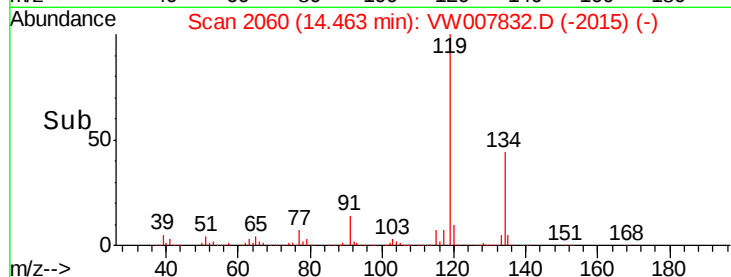
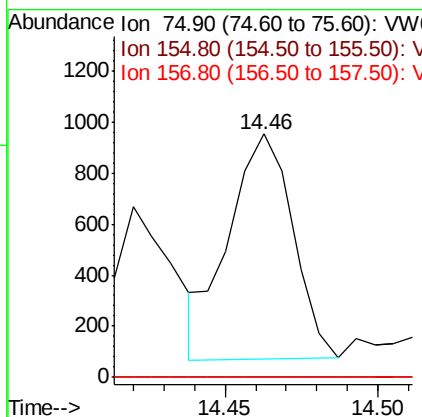
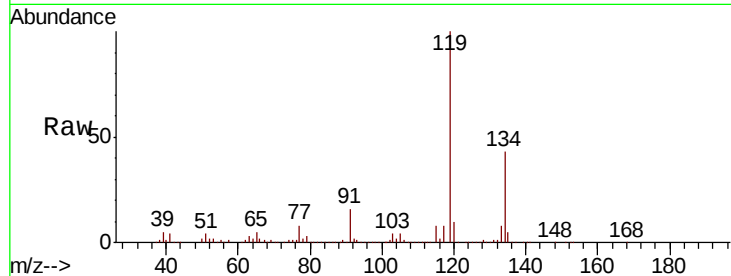




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 27.715 ug/l
 RT: 14.46 min Scan# 2060
 Delta R.T. -0.02 min
 Lab File: VW007832.D
 Acq: 22 Dec 2018 10:07

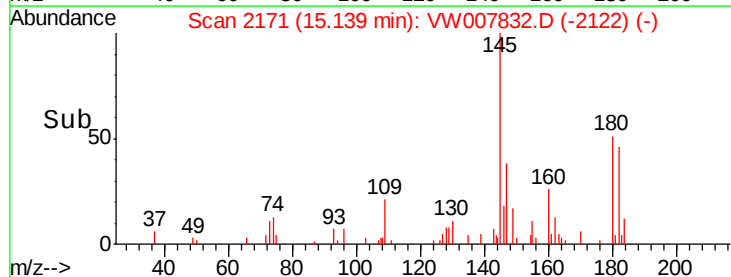
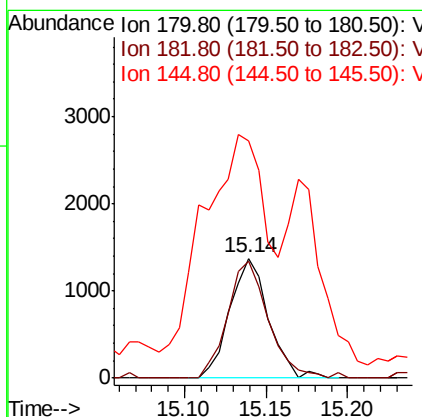
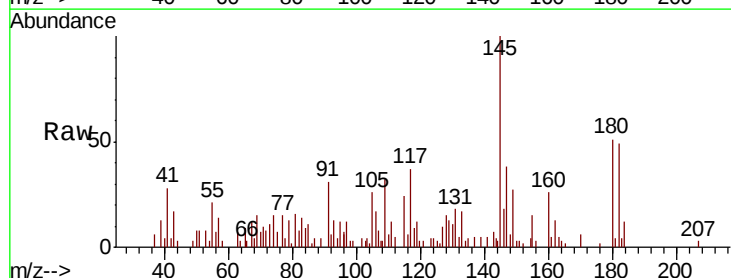
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS013B-3642-01

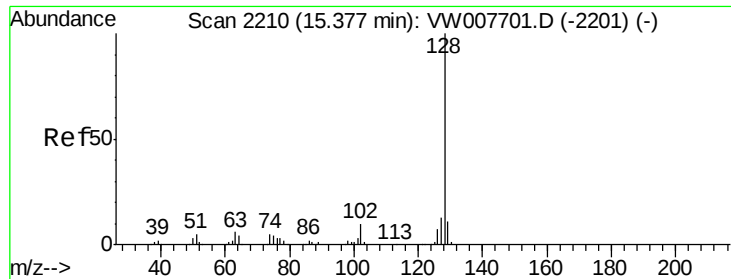
Tgt Ion: 75 Resp: 1279
 Ion Ratio Lower Upper
 75 100
 155 0.0 39.4 118.1#
 157 0.0 52.0 156.0#



#93
 1,2,4-Trichlorobenzene
 Concen: 5.351 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007832.D
 Acq: 22 Dec 2018 10:07

Tgt Ion: 180 Resp: 2268
 Ion Ratio Lower Upper
 180 100
 182 102.5 47.5 142.6
 145 337.8 17.5 52.5#

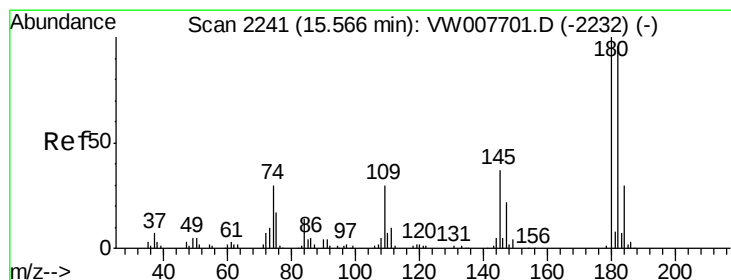
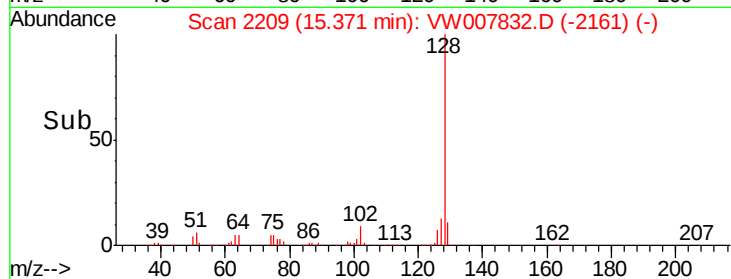
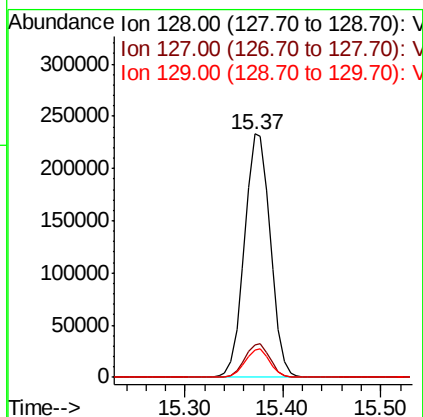
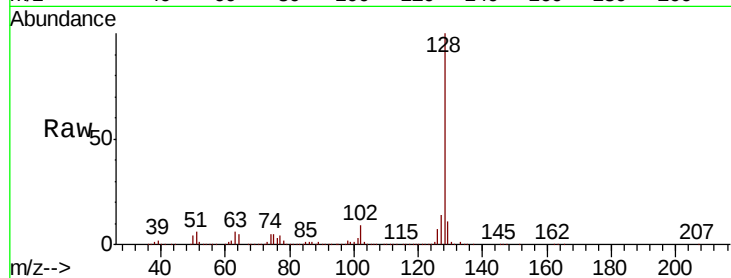




#95
Naphthalene
Concen: 543.891 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007832.D
Acq: 22 Dec 2018 10:07

Instrument :
MSVOA_W
ClientSampleId :
P001-SS013B-3642-01

Tgt Ion:128 Resp: 426206
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 11.2 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 2.957 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007832.D
Acq: 22 Dec 2018 10:07

Tgt Ion:180 Resp: 1073
Ion Ratio Lower Upper
180 100
182 106.9 47.4 142.2
145 450.5 18.4 55.0#

