

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122018\
 Data File : VW007656.D
 Acq On : 18 Dec 2018 14:17
 Operator : SY/AP
 Sample : J6353-01RE
 Misc : 6.10G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 19 03:17:26 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	62639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	108763	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	71482	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	19198	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	33302	47.92	ug/l	0.00
Spiked Amount			Recovery	=	95.84%	
35) Dibromofluoromethane	7.88	113	28365	43.08	ug/l	0.00
Spiked Amount			Recovery	=	86.16%	
50) Toluene-d8	10.32	98	87216	35.33	ug/l	0.00
Spiked Amount			Recovery	=	70.66%	
62) 4-Bromofluorobenzene	12.62	95	24845	27.37	ug/l	0.00
Spiked Amount			Recovery	=	54.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.15	50	812	2.215	ug/l #	86
7) Trichlorofluoromethane	3.27	101	1119	2.893	ug/l #	64
11) Tert butyl alcohol	5.18	59	1476	30.926	ug/l #	74
12) 1,1-Dichloroethene	4.04	96	7710	12.547	ug/l	90
13) Acrolein	3.85	56	1621	51.329	ug/l #	1
14) Allyl chloride	4.75	41	2496	2.756	ug/l #	60
15) Acrylonitrile	5.43	53	3354	26.282	ug/l #	42
16) Acetone	4.11	43	31399	258.676	ug/l #	68
18) Methyl Acetate	4.73	43	1045	3.172	ug/l #	49
20) Methylene Chloride	4.91	84	2578	Below Cal	#	59
23) Vinyl Acetate	6.22	43	1721	1.767	ug/l #	72
25) 2-Butanone	7.17	43	7986	50.395	ug/l	95
29) Tetrahydrofuran	7.53	42	428	4.266	ug/l #	45
31) Cyclohexane	7.95	56	65886	61.030	ug/l	96
36) 1,1-Dichloropropene	7.95	75	4839	4.877	ug/l #	69
37) Ethyl Acetate	7.26	43	536	1.452	ug/l #	66
38) Carbon Tetrachloride	7.95	117	6508	6.028	ug/l #	15
39) Methylcyclohexane	9.34	83	51031	42.476	ug/l	91
40) Benzene	8.32	78	75528	27.430	ug/l	97
41) Methacrylonitrile	7.52	41	1359	6.467	ug/l #	48
43) Isopropyl Acetate	8.43	43	6490	8.903	ug/l #	50
45) 1,2-Dichloropropane	9.34	63	763	1.197	ug/l #	1
47) Bromodichloromethane	9.62	83	3038	3.201	ug/l #	28
48) Methyl methacrylate	9.38	41	6215	16.601	ug/l #	36
51) 4-Methyl-2-Pentanone	10.21	43	13412	38.941	ug/l	94
52) Toluene	10.39	92	993495	557.551	ug/l	100
53) t-1,3-Dichloropropene	10.39	75	13228	14.356	ug/l #	1
55) 1,1,2-Trichloroethane	10.76	97	8731	17.729	ug/l #	24
58) 2-Chloroethyl Vinyl ether	9.91	63	1273	4.664	ug/l #	77
59) 2-Hexanone	10.94	43	4105	17.874	ug/l #	24
67) Ethyl Benzene	11.73	91	529509	206.712	ug/l	91
68) m/p-Xylenes	11.84	106	643526	646.222	ug/l	98
69) o-Xylene	12.17	106	320167	344.252	ug/l	98
70) Styrene	12.18	104	75139	50.019	ug/l #	39

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122018\
 Data File : VW007656.D
 Acq On : 18 Dec 2018 14:17
 Operator : SY/AP
 Sample : J6353-01RE
 Misc : 6.10G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 19 03:17:26 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)

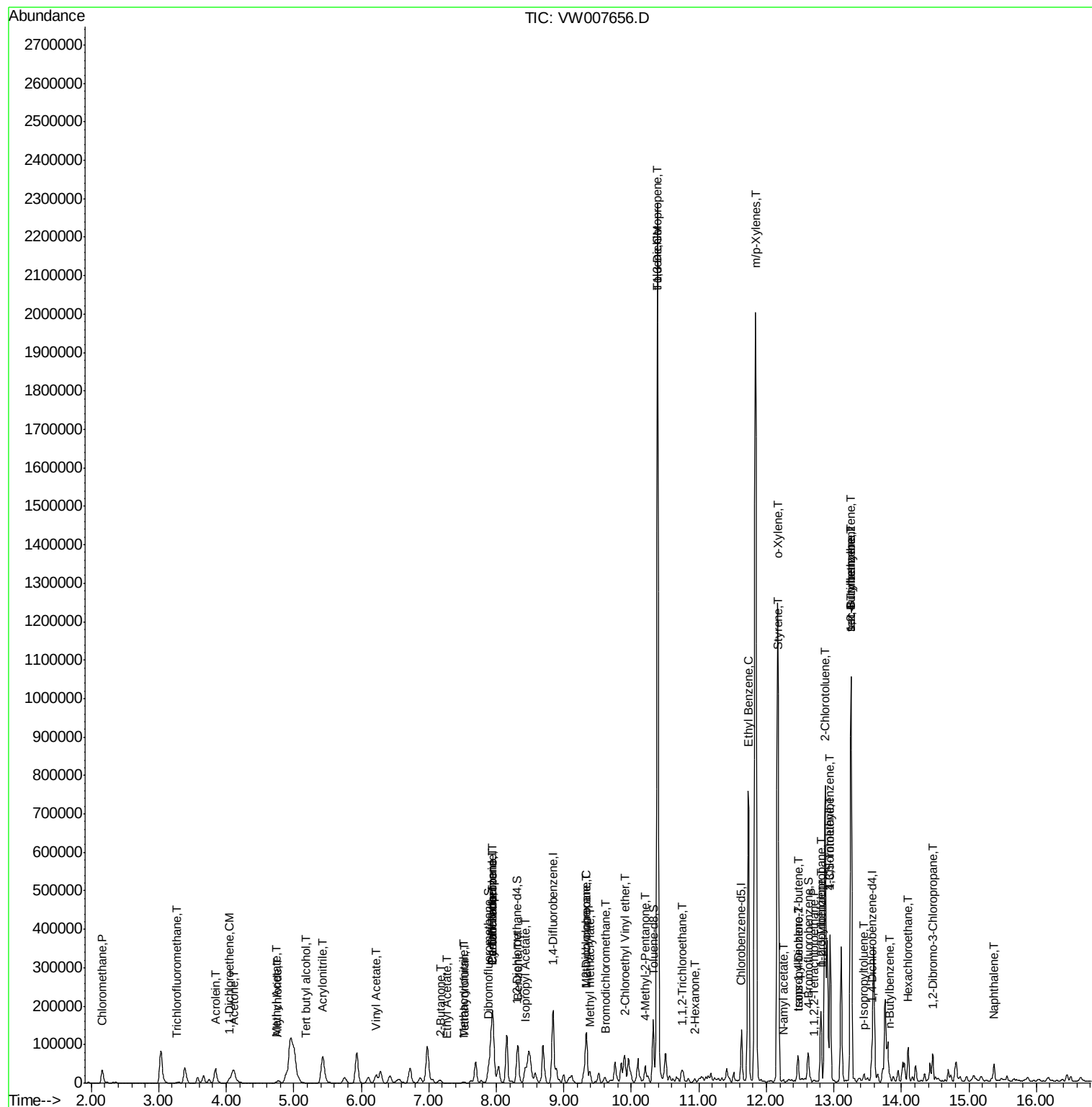
73) Isopropylbenzene	12.47	105	42289	28.748	ug/l	98
74) N-amyl acetate	12.25	43	2074	7.758	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	12.71	83	260	1.193	ug/l #	19
76) 1,2,3-Trichloropropane	12.80	75	1027	6.488	ug/l #	1
78) n-propylbenzene	12.81	91	139041	83.987	ug/l	99
79) 2-Chlorotoluene	12.87	91	64679	64.569	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.94	105	201716	163.197	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.46	75	631	8.806	ug/l #	50
82) 4-Chlorotoluene	12.94	91	23144	21.919	ug/l #	43
83) tert-Butylbenzene	13.26	119	71040	65.228	ug/l #	64
84) 1,2,4-Trimethylbenzene	13.26	105	583850	459.026	ug/l	99
85) sec-Butylbenzene	13.26	105	583850	392.697	ug/l #	54
86) p-Isopropyltoluene	13.44	119	10275	7.693	ug/l	95
89) n-Butylbenzene	13.83	91	6929	5.596	ug/l #	64
90) Hexachloroethane	14.10	117	4465	18.788	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.46	75	279	6.381	ug/l #	3
95) Naphthalene	15.38	128	38317	49.984	ug/l	97

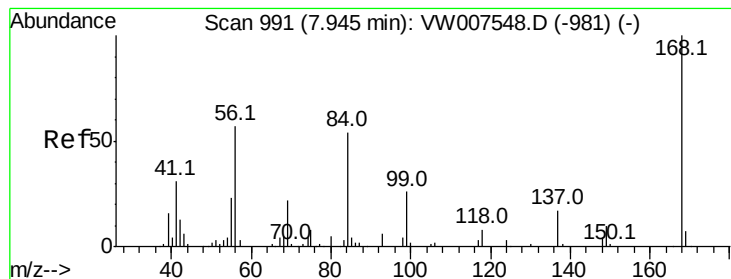
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122018\
Data File : VW007656.D
Acq On : 18 Dec 2018 14:17
Operator : SY/AP
Sample : J6353-01RE
Misc : 6.10G/5ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :

Quant Time: Dec 19 03:17:26 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007656.D

Acq: 18 Dec 2018 14:17

Instrument :

MSVOA_W

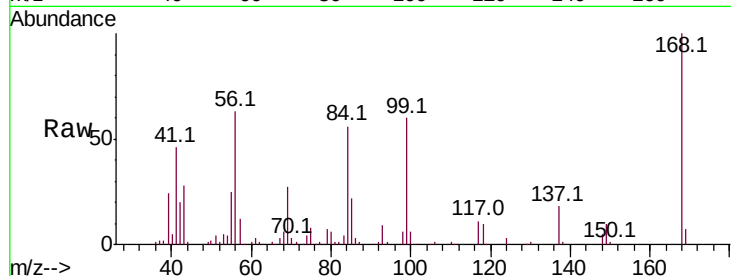
ClientSampleId :

Tot Ion:168 Resp: 62639

Ion Ratio Lower Upper

168 100

99 60.2 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

30000

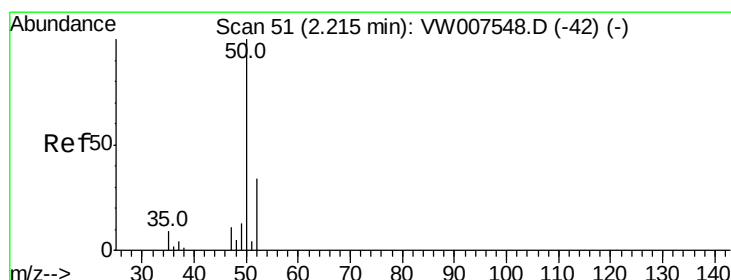
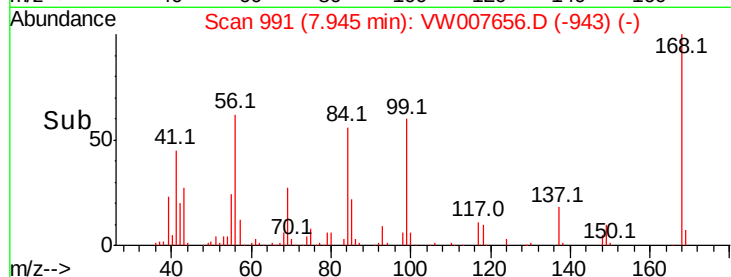
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#3

Chloromethane

Concen: 2.215 ug/l

RT: 2.15 min Scan# 41

Delta R.T. -0.07 min

Lab File: VW007656.D

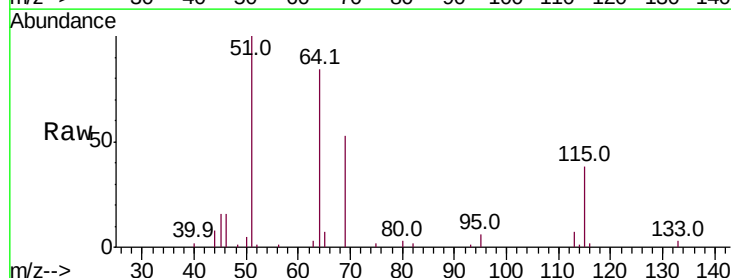
Acq: 18 Dec 2018 14:17

Tgt Ion: 50 Resp: 812

Ion Ratio Lower Upper

50 100

52 26.0 27.4 41.0#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.15

300

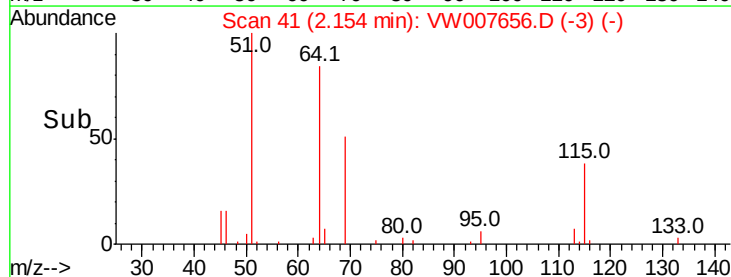
200

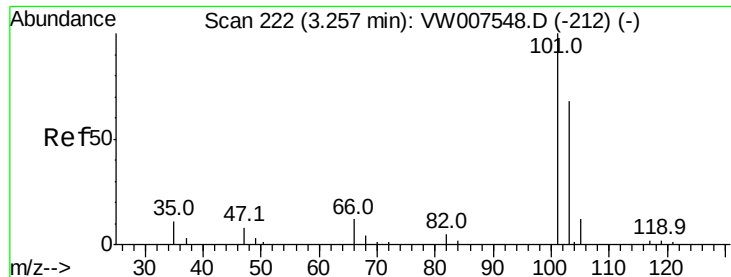
100

0

2.10 2.15 2.20 2.25

Time-->



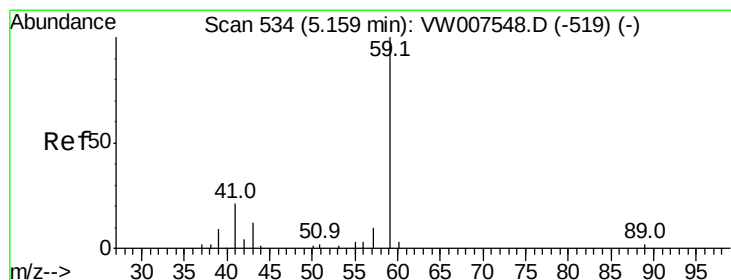
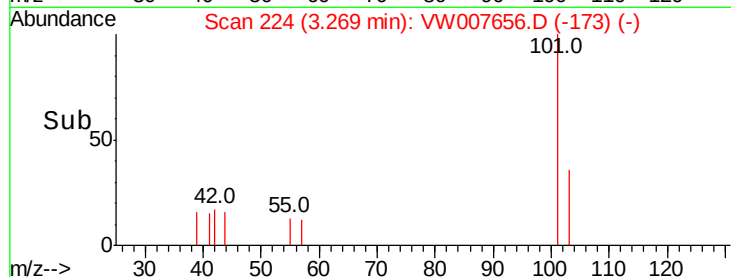
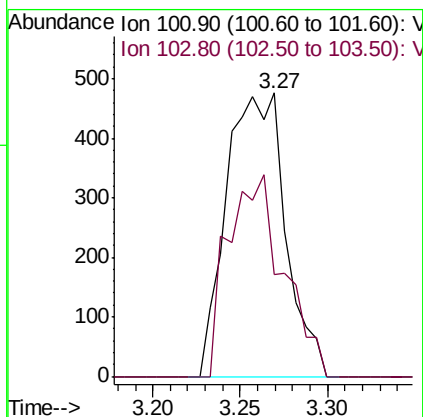
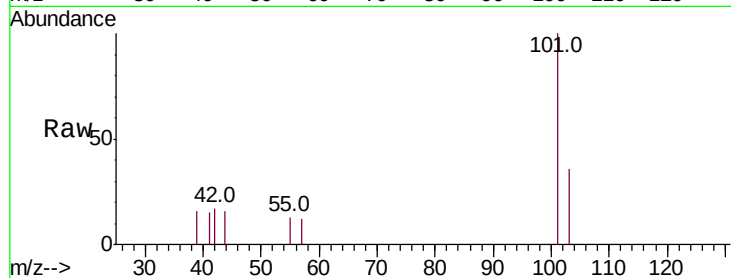


#7

Trichlorofluoromethane
Concen: 2.893 ug/l
RT: 3.27 min Scan# 224
Delta R.T. 0.01 min
Lab File: VW007656.D
Acq: 18 Dec 2018 14:17

Instrument :
MSVOA_W
ClientSampled :

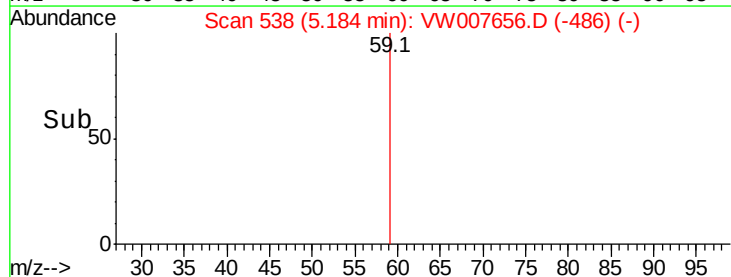
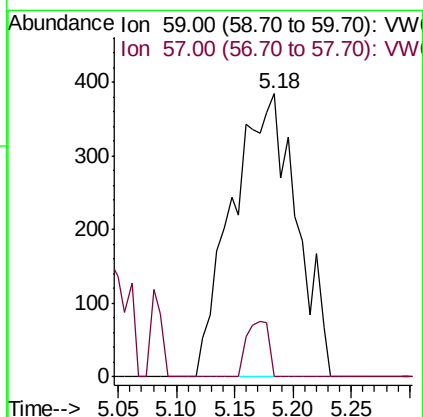
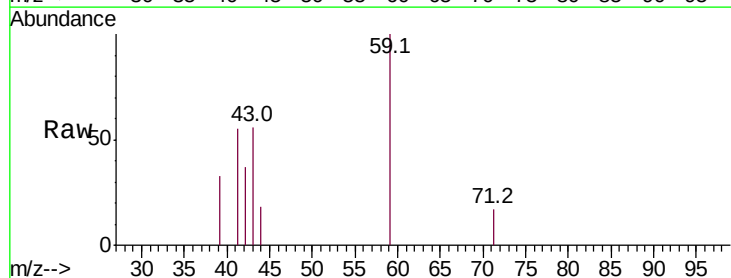
Tot Ion:101 Resp: 1119
Ion Ratio Lower Upper
101 100
103 36.1 51.7 77.5#

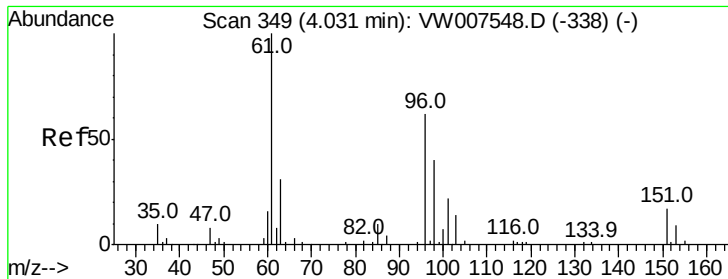


#11

Tert butyl alcohol
Concen: 30.926 ug/l
RT: 5.18 min Scan# 538
Delta R.T. 0.02 min
Lab File: VW007656.D
Acq: 18 Dec 2018 14:17

Tgt Ion: 59 Resp: 1476
Ion Ratio Lower Upper
59 100
57 0.0 7.6 11.4#





#12

1,1-Dichloroethene

Concen: 12.547 ug/l

RT: 4.04 min Scan# 351

Delta R.T. 0.01 min

Lab File: VW007656.D

Acq: 18 Dec 2018 14:17

Instrument :

MSVOA_W

ClientSampleId :

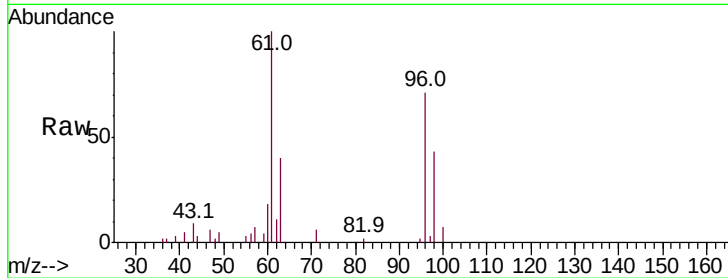
Tot Ion: 96 Resp: 7710

Ion Ratio Lower Upper

96 100

61 140.1 126.2 189.2

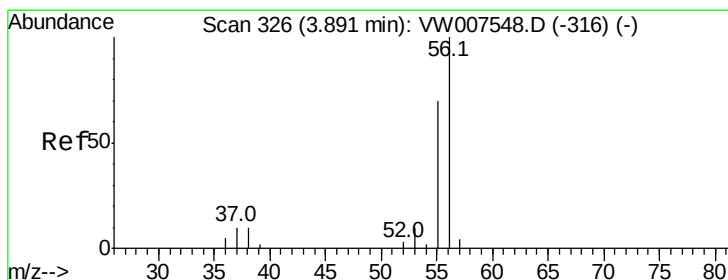
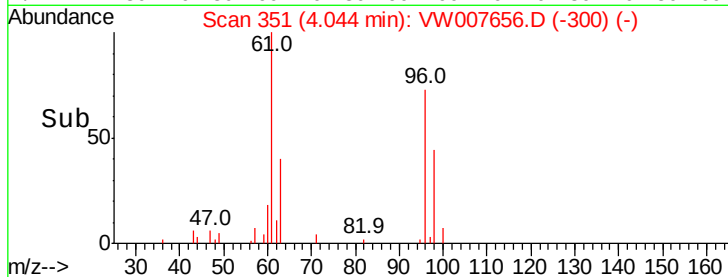
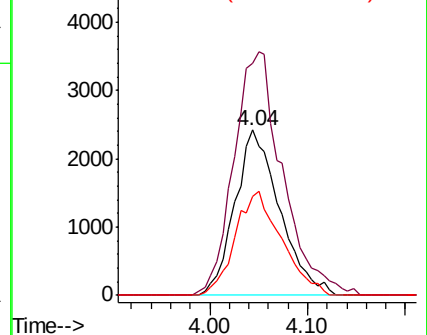
98 60.0 48.3 72.5



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#13

Acrolein

Concen: 51.329 ug/l

RT: 3.85 min Scan# 319

Delta R.T. -0.04 min

Lab File: VW007656.D

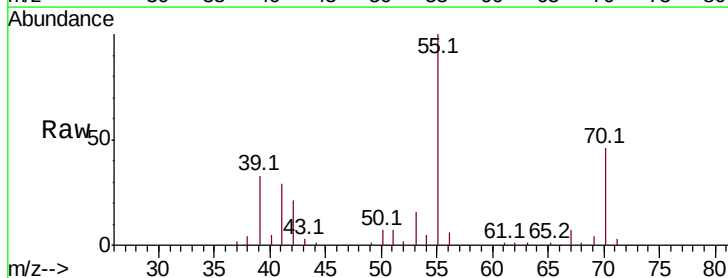
Acq: 18 Dec 2018 14:17

Tgt Ion: 56 Resp: 1621

Ion Ratio Lower Upper

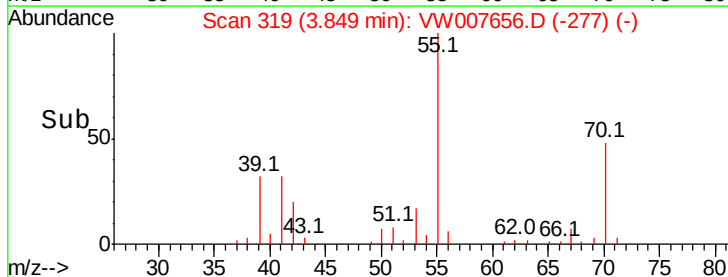
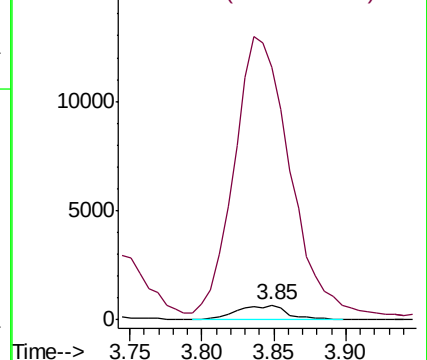
56 100

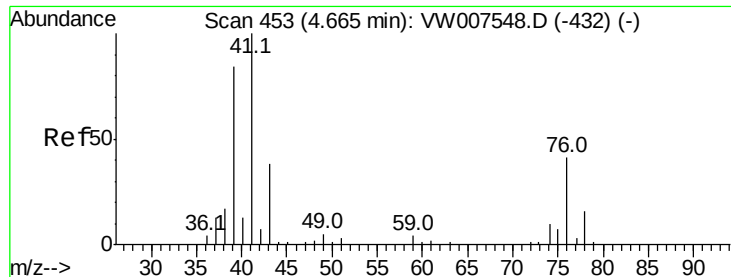
55 2190.6 57.4 86.2#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW





#14

Allvl chloride

Concen: 2.756 ug/l

RT: 4.75 min Scan# 467

Delta R.T. 0.09 min

Lab File: VW007656.D

Acq: 18 Dec 2018 14:17

Instrument :

MSVOA_W

ClientSampled :

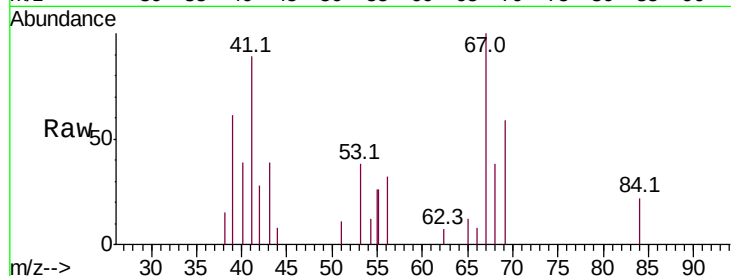
Tot Ion: 41 Resp: 2496

Ion Ratio Lower Upper

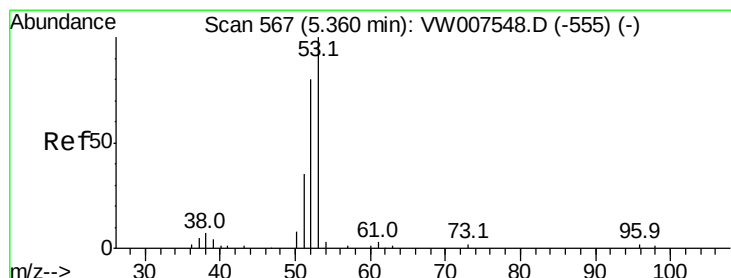
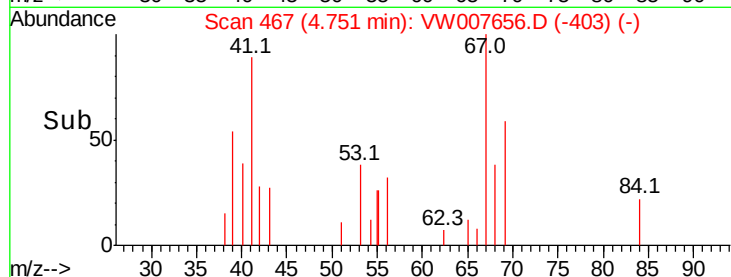
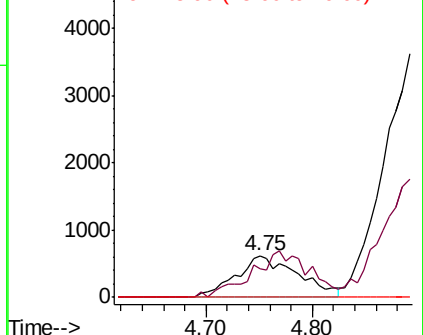
41 100

39 103.4 63.4 95.2#

76 0.0 32.1 48.1#



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 75.90 (75.60 to 76.60): VW



#15

Acrylonitrile

Concen: 26.282 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.06 min

Lab File: VW007656.D

Acq: 18 Dec 2018 14:17

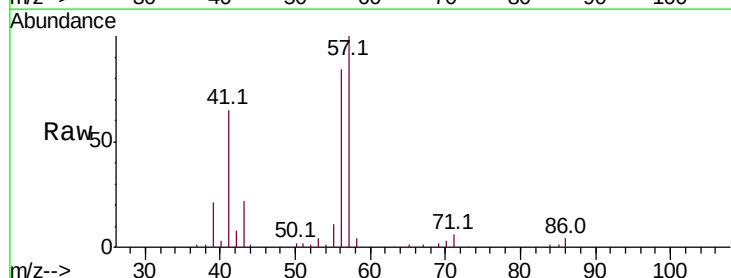
Tgt Ion: 53 Resp: 3354

Ion Ratio Lower Upper

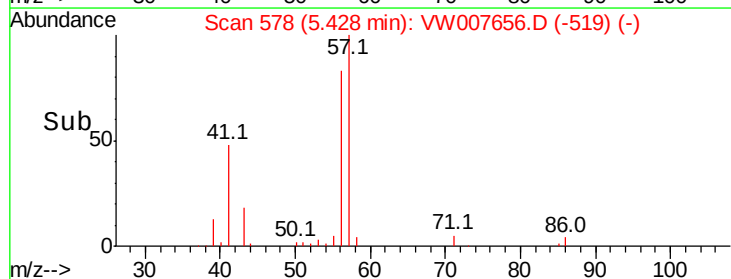
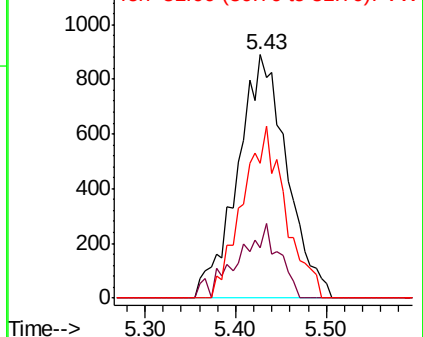
53 100

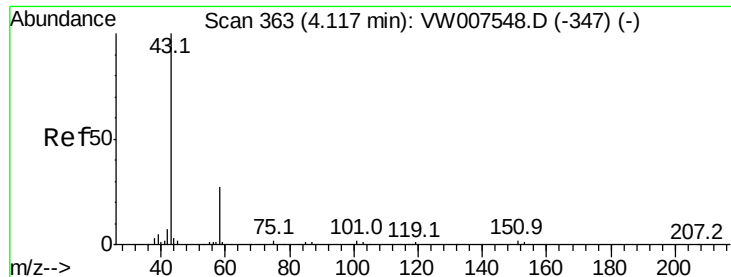
52 24.2 67.4 101.2#

51 61.0 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

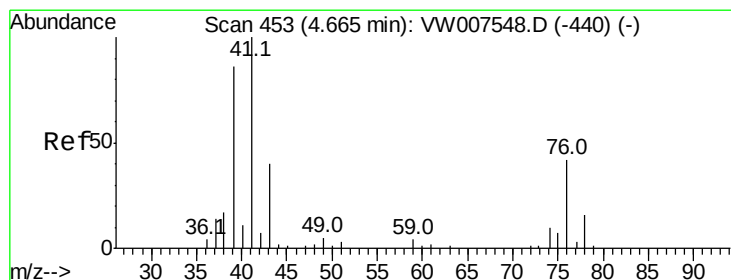
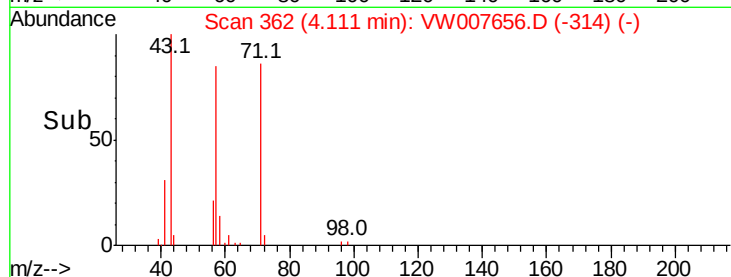
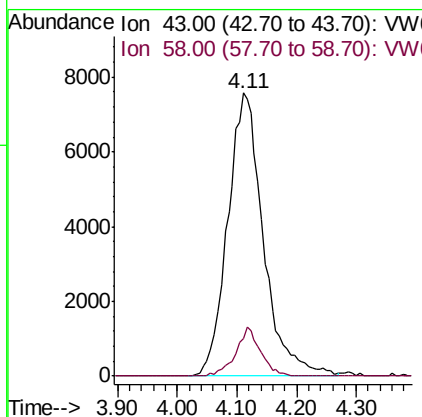
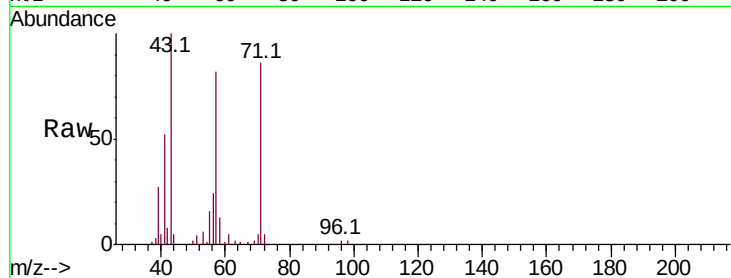




#16
Acetone
Concen: 258.676 ug/l
RT: 4.11 min Scan# 362
Delta R.T. -0.01 min
Lab File: VW007656.D
Acq: 18 Dec 2018 14:17

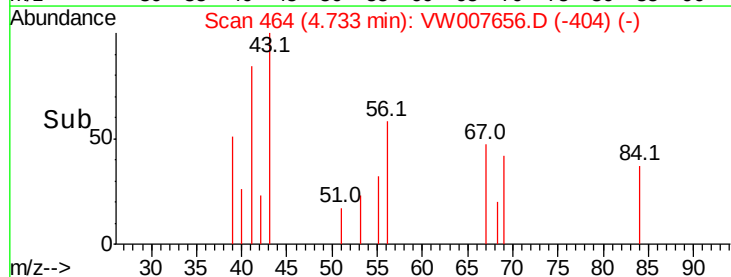
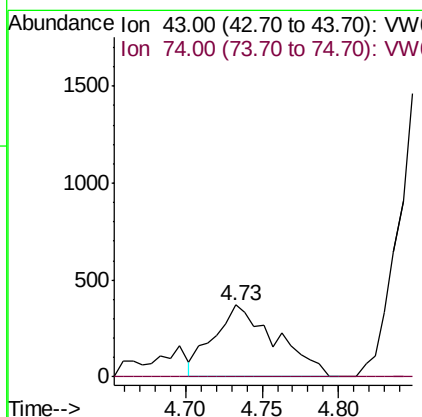
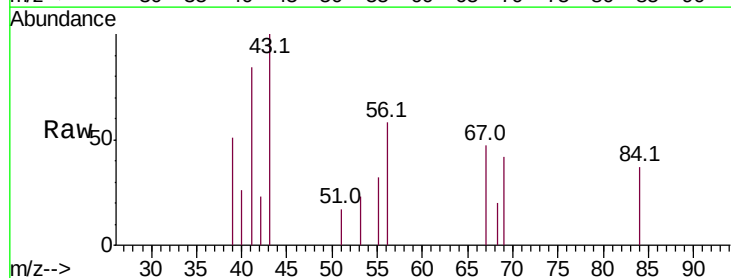
Instrument :
MSVOA_W
ClientSampled :

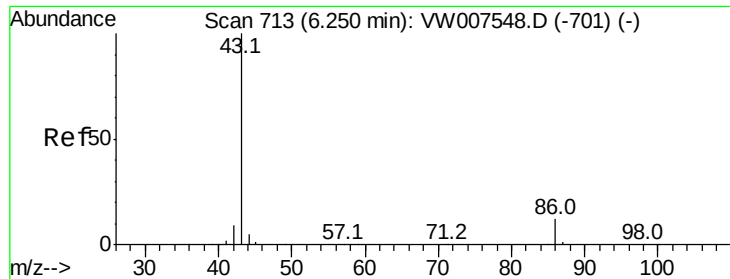
Tot Ion: 43 Resp: 31399
Ion Ratio Lower Upper
43 100
58 13.5 24.9 37.3#



#18
Methyl Acetate
Concen: 3.172 ug/l
RT: 4.73 min Scan# 464
Delta R.T. 0.07 min
Lab File: VW007656.D
Acq: 18 Dec 2018 14:17

Tgt Ion: 43 Resp: 1045
Ion Ratio Lower Upper
43 100
74 0.0 21.1 31.7#





#23

Vinyl Acetate

Concen: 1.767 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.03 min

Lab File: VW007656.D

Acq: 18 Dec 2018 14:17

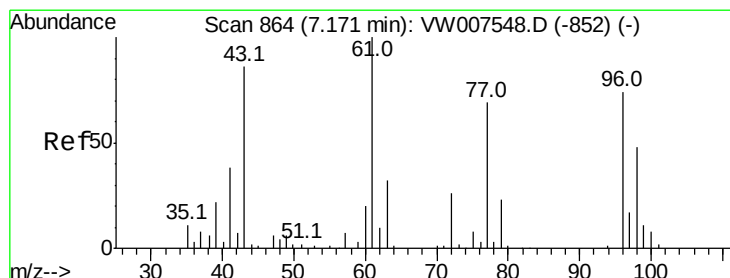
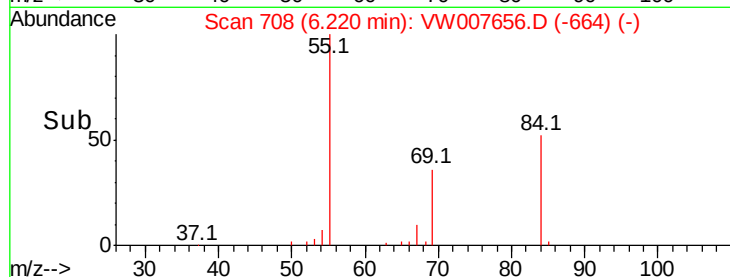
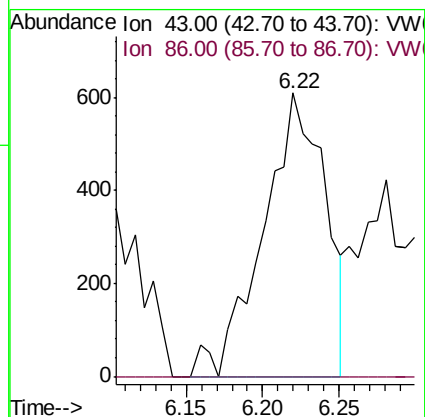
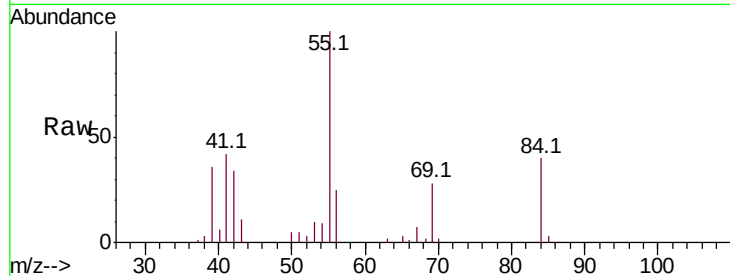
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 1721

Ion Ratio Lower Upper

43 100

86 0.0 8.6 12.8#



#25

2-Butanone

Concen: 50.395 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007656.D

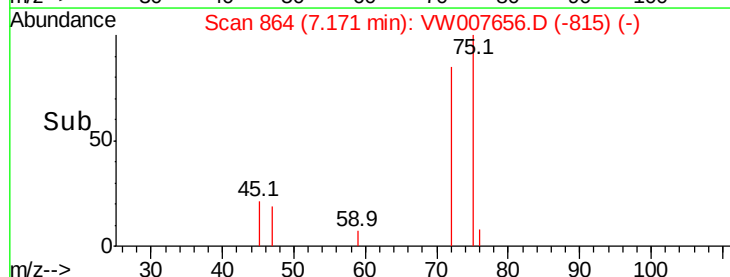
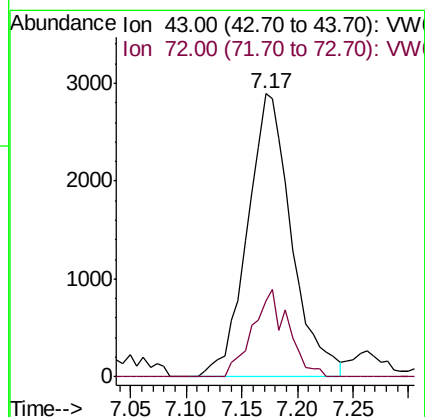
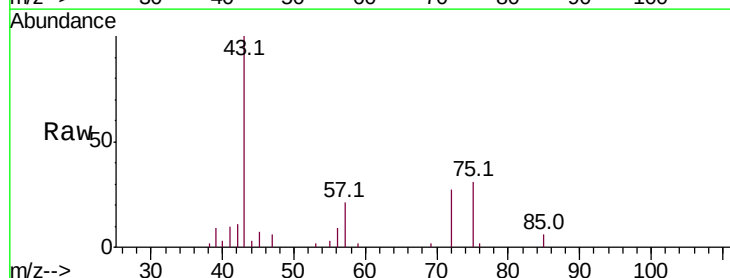
Acq: 18 Dec 2018 14:17

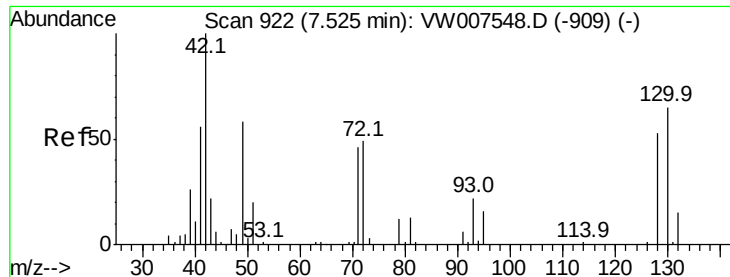
Tgt Ion: 43 Resp: 7986

Ion Ratio Lower Upper

43 100

72 26.7 23.4 35.2





#29

Tetrahydrofuran

Concen: 4.266 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW007656.D

Acq: 18 Dec 2018 14:17

Instrument :

MSVOA_W

ClientSampled :

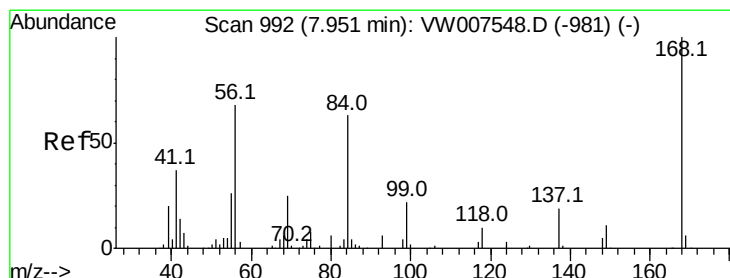
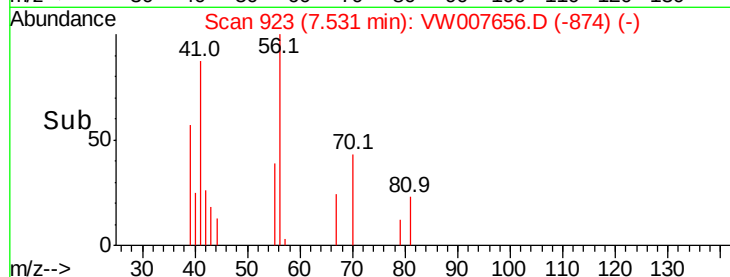
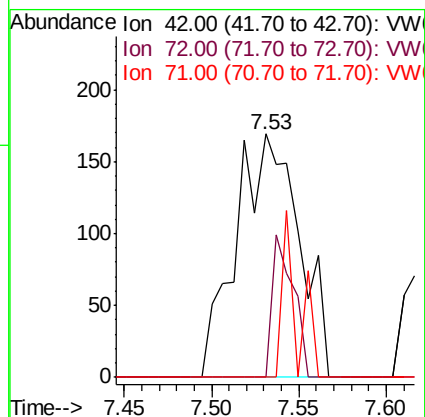
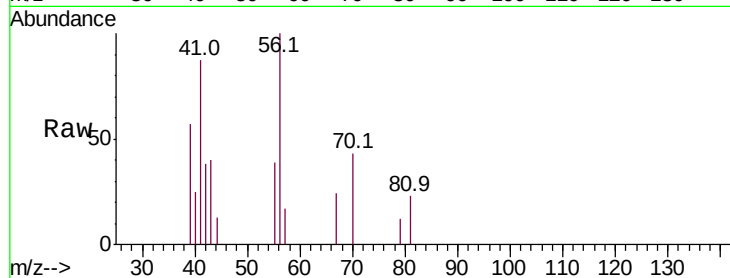
Tot Ion: 42 Resp: 428

Ion Ratio Lower Upper

42 100

72 19.4 38.2 57.4#

71 0.0 35.5 53.3#



#31

Cyclohexane

Concen: 61.030 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007656.D

Acq: 18 Dec 2018 14:17

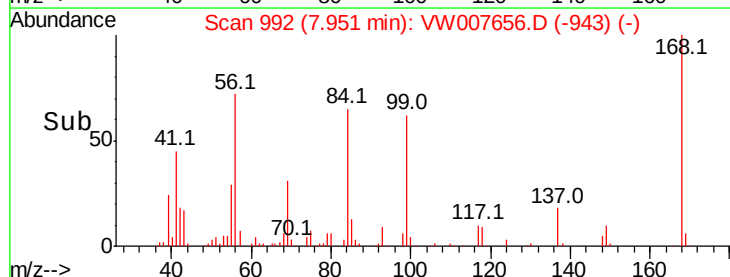
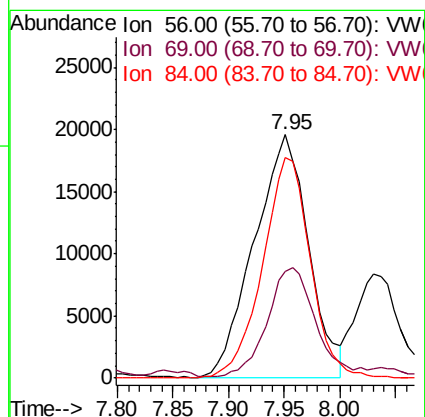
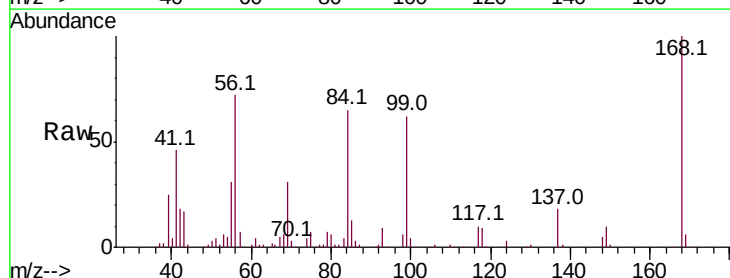
Tgt Ion: 56 Resp: 65886

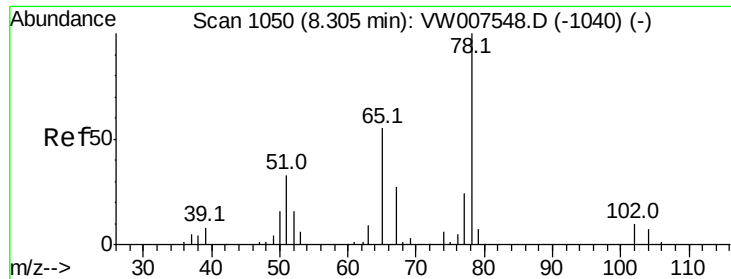
Ion Ratio Lower Upper

56 100

69 41.5 28.9 43.3

84 91.0 71.8 107.6

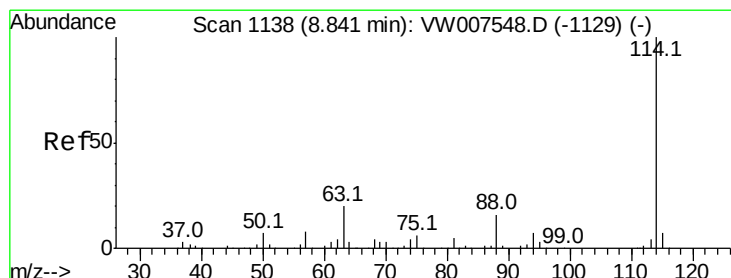
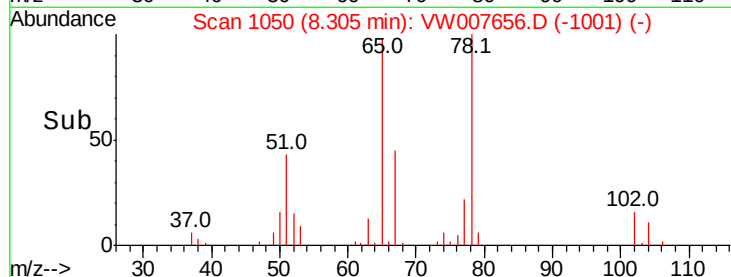
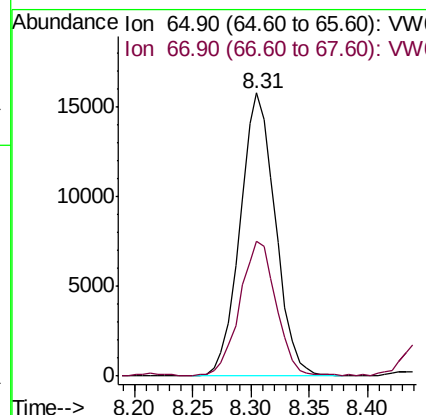
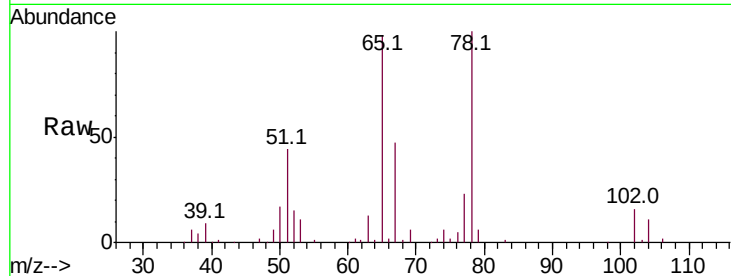




#33
 1,2-Dichloroethane-d4
 Concen: 47.921 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007656.D
 Acq: 18 Dec 2018 14:17

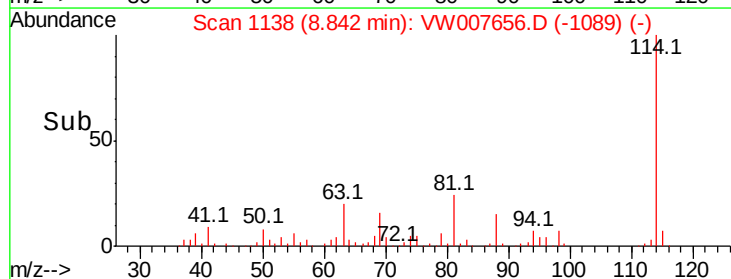
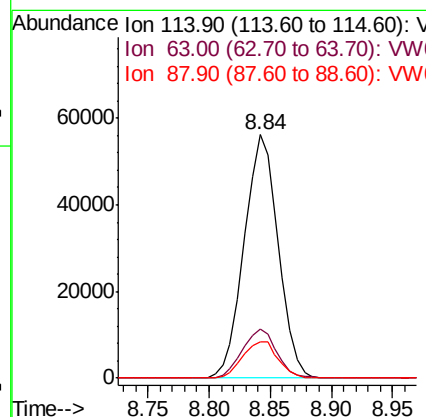
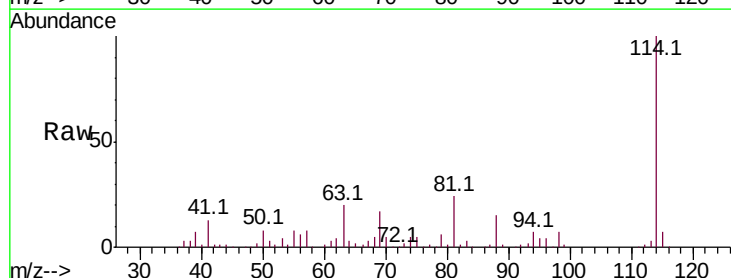
Instrument :
 MSVOA_W
 ClientSampleId :

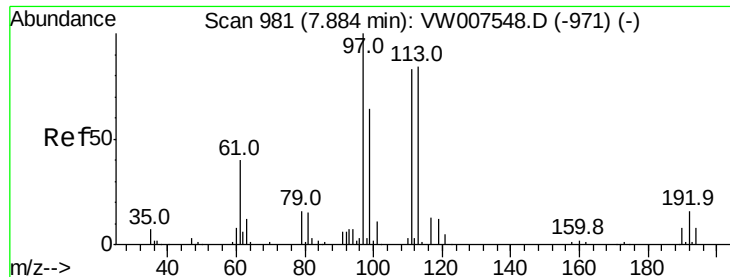
Tot Ion: 65 Resp: 33302
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007656.D
 Acq: 18 Dec 2018 14:17

Tgt Ion: 114 Resp: 108763
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.6
 88 15.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 43.083 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007656.D

Acq: 18 Dec 2018 14:17

Instrument :

MSVOA_W

ClientSampleId :

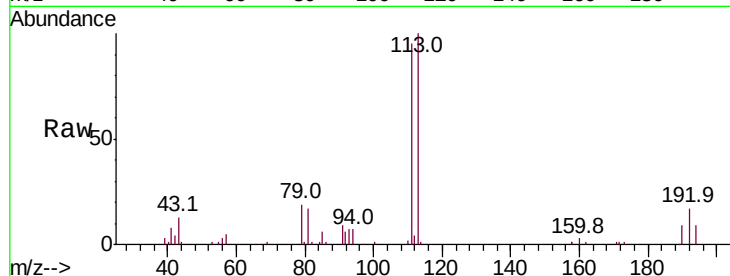
Tot Ion:113 Resp: 28365

Ion Ratio Lower Upper

113 100

111 101.0 81.1 121.7

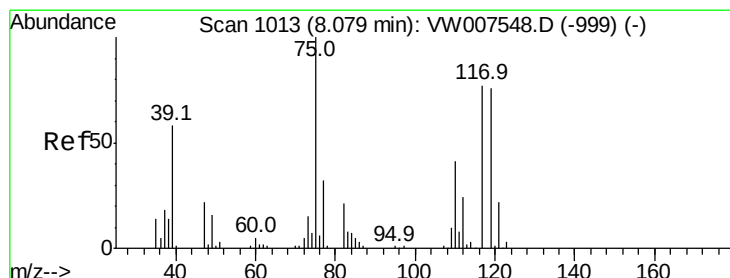
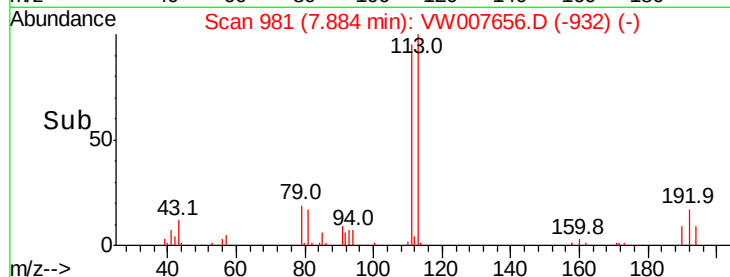
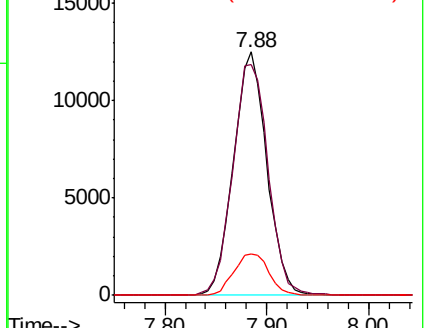
192 17.9 14.6 21.8



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: 4.877 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW007656.D

Acq: 18 Dec 2018 14:17

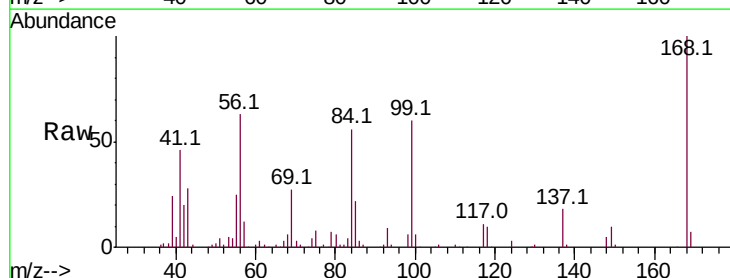
Tgt Ion: 75 Resp: 4839

Ion Ratio Lower Upper

75 100

110 10.5 18.5 55.5#

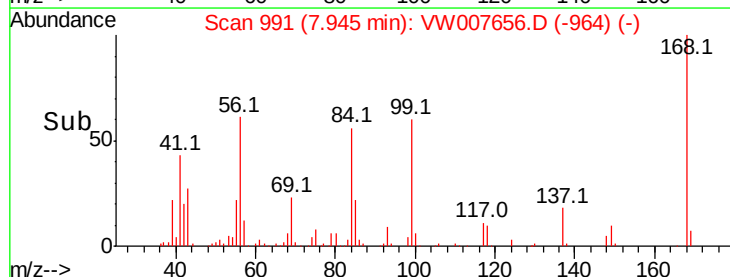
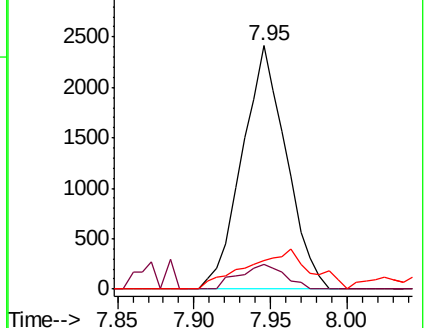
77 23.6 25.6 38.4#

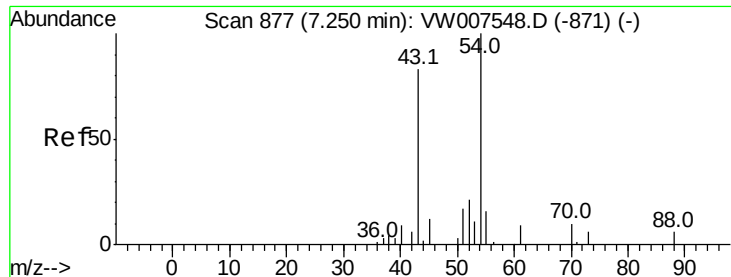


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 1.452 ug/l

RT: 7.26 min Scan# 879

Delta R.T. 0.01 min

Lab File: VW007656.D

Acq: 18 Dec 2018 14:17

Instrument :

MSVOA_W

ClientSampleId :

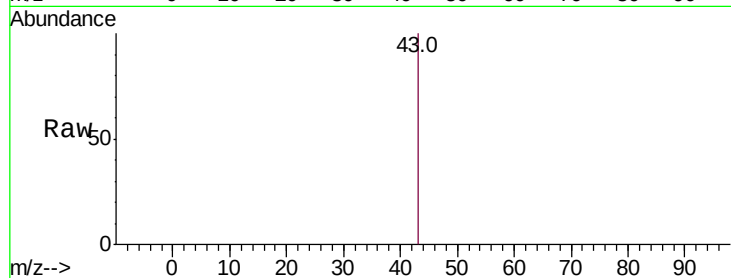
Tot Ion: 43 Resp: 536

Ion Ratio Lower Upper

43 100

61 0.0 12.1 18.1#

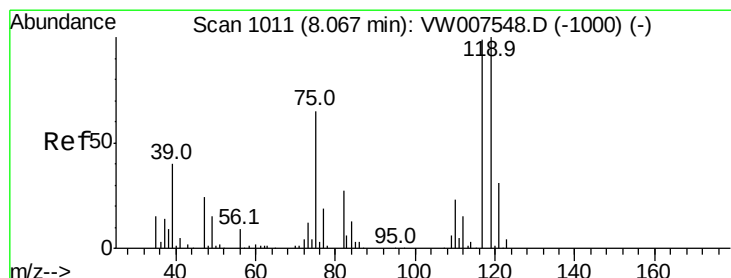
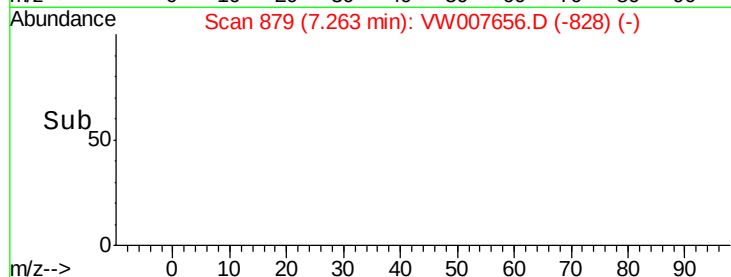
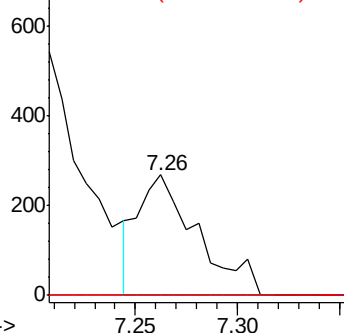
70 0.0 10.0 15.0#



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: 6.028 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW007656.D

Acq: 18 Dec 2018 14:17

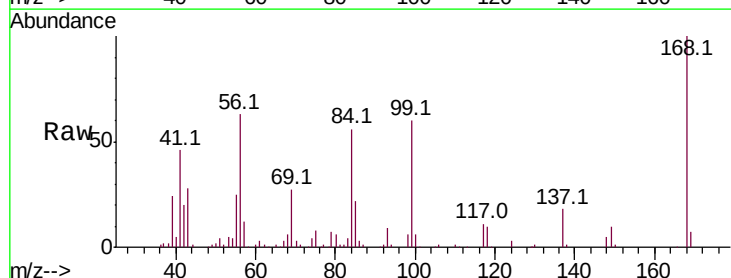
Tgt Ion: 117 Resp: 6508

Ion Ratio Lower Upper

117 100

119 2.8 74.3 111.5#

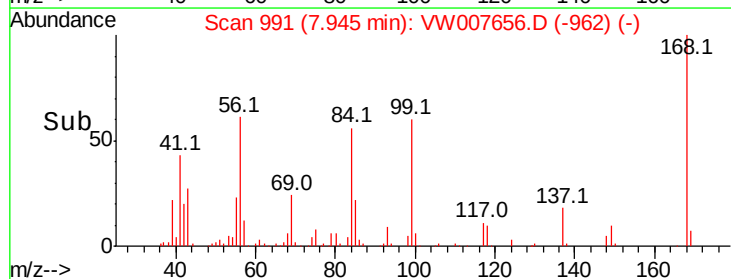
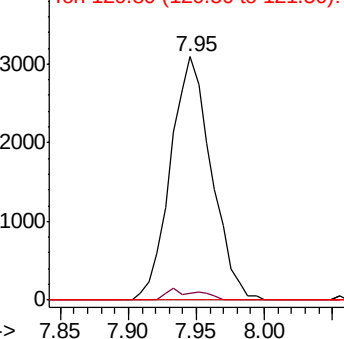
121 0.0 24.3 36.5#

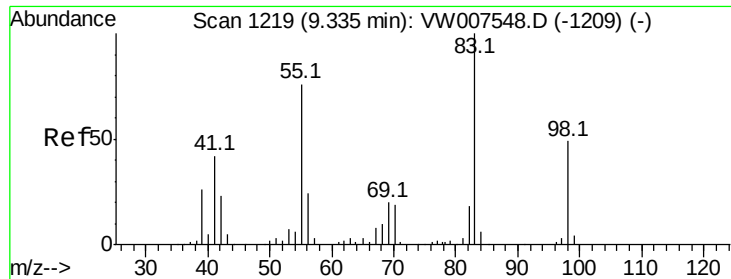


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

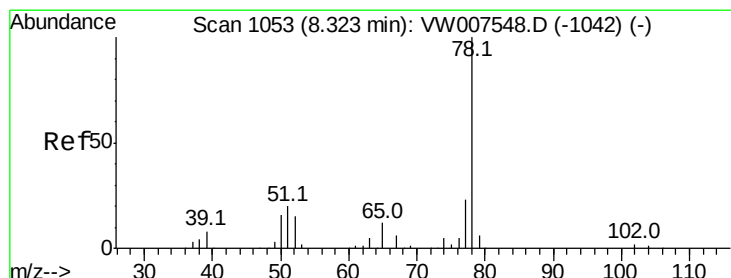
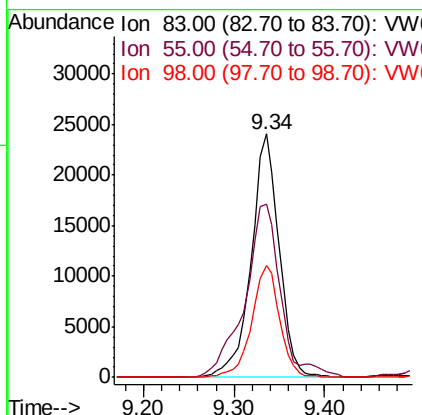
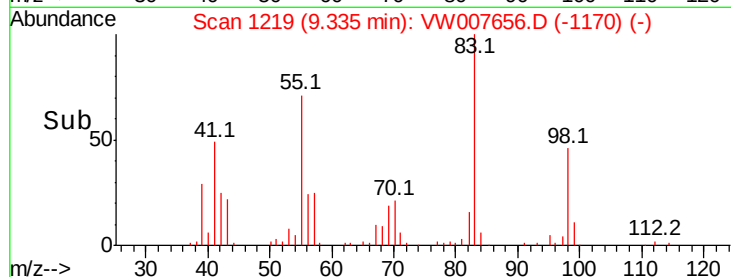
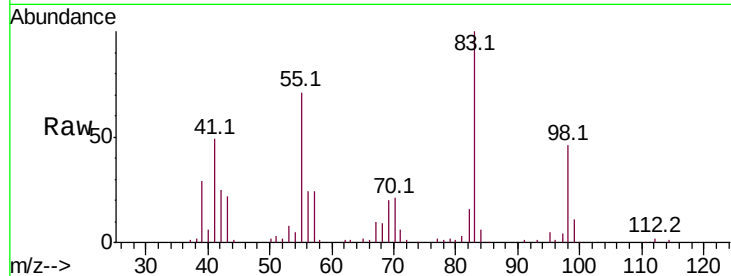




#39
Methylvlcyclohexane
Concen: 42.476 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007656.D
Acq: 18 Dec 2018 14:17

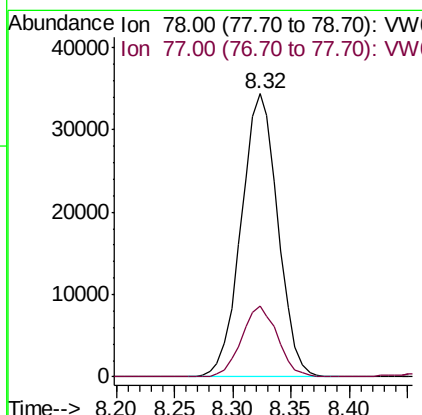
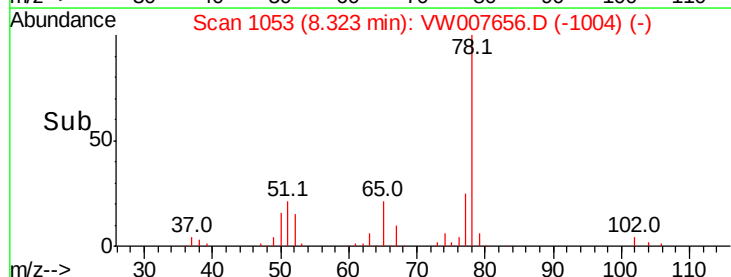
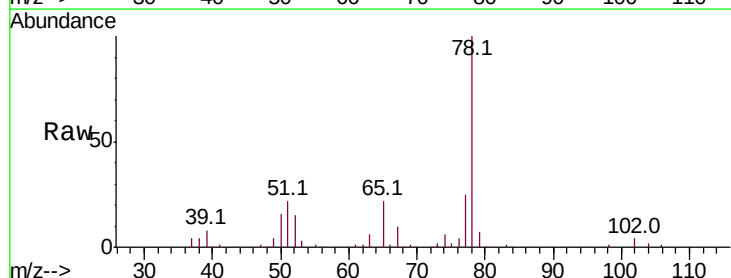
Instrument :
MSVOA_W
ClientSampled :

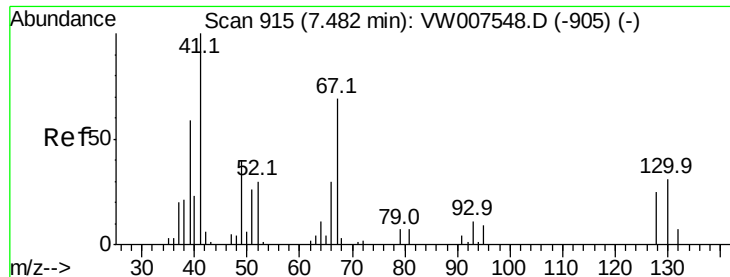
Tot Ion: 83 Resp: 51031
Ion Ratio Lower Upper
83 100
55 71.2 62.8 94.2
98 46.0 42.2 63.2



#40
Benzene
Concen: 27.430 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007656.D
Acq: 18 Dec 2018 14:17

Tgt Ion: 78 Resp: 75528
Ion Ratio Lower Upper
78 100
77 24.9 18.8 28.2

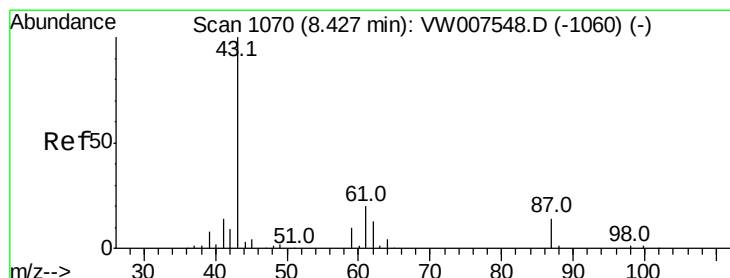
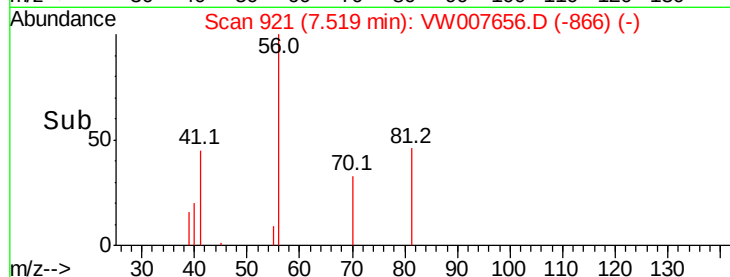
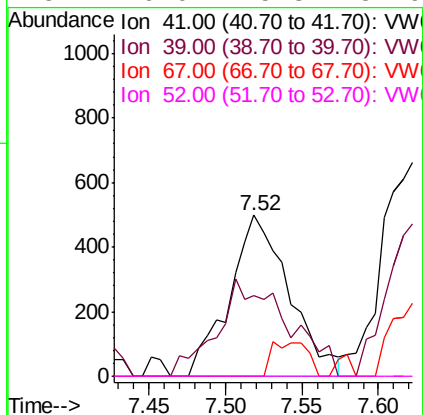
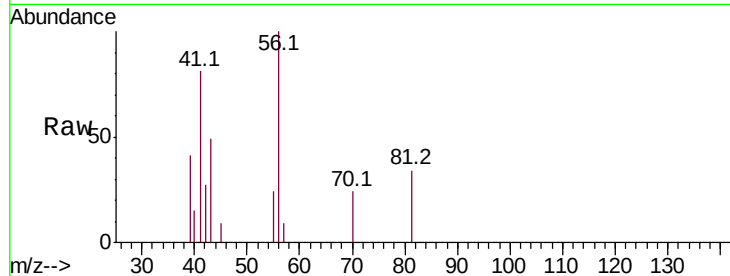




#41
Methacrylonitrile
Concen: 6.467 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.04 min
Lab File: VW007656.D
Acq: 18 Dec 2018 14:17

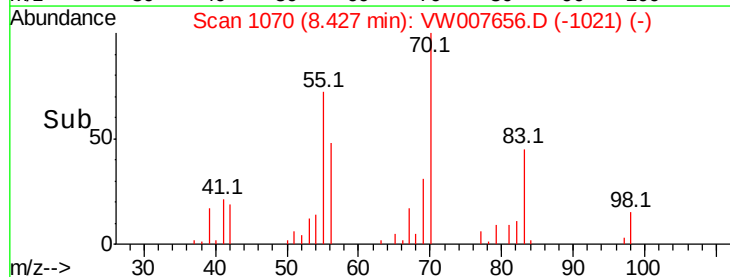
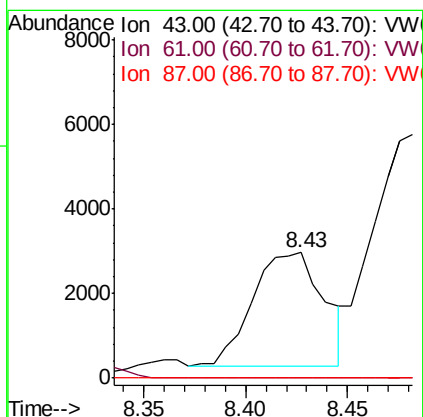
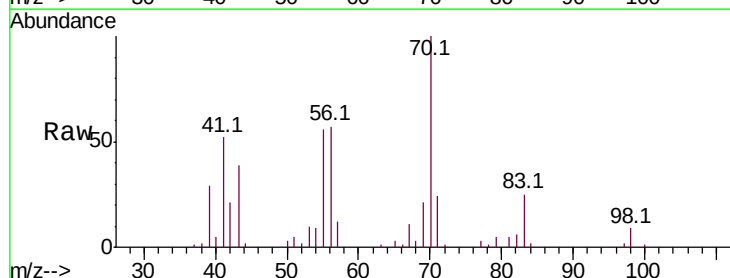
Instrument :
MSVOA_W
ClientSampled :

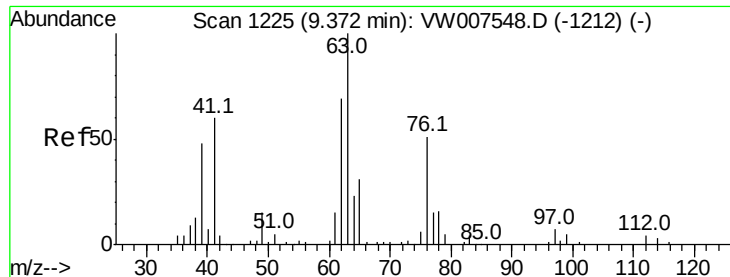
Tot Ion: 41 Resp: 1359
Ion Ratio Lower Upper
41 100
39 70.7 52.2 78.2
67 0.0 60.5 90.7#
52 0.0 25.3 37.9#



#43
Isopropyl Acetate
Concen: 8.903 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VW007656.D
Acq: 18 Dec 2018 14:17

Tgt Ion: 43 Resp: 6490
Ion Ratio Lower Upper
43 100
61 0.0 25.3 37.9#
87 0.0 11.8 17.8#





#45

1,2-Dichloropropane

Concen: 1.197 ug/l

RT: 9.34 min Scan# 1220

Delta R.T. -0.02 min

Lab File: VW007656.D

Acq: 18 Dec 2018 14:17

Instrument :

MSVOA_W

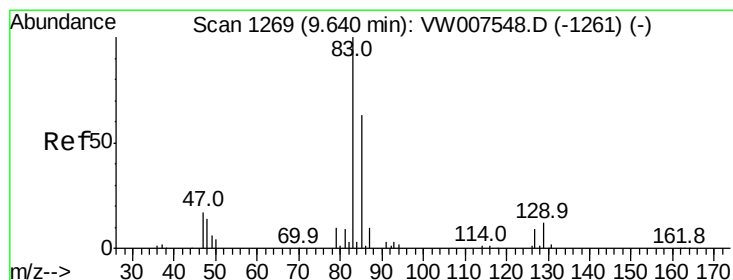
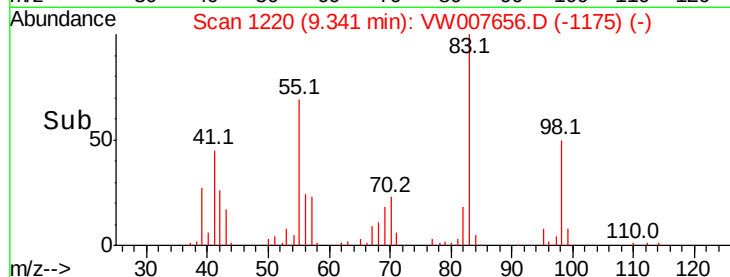
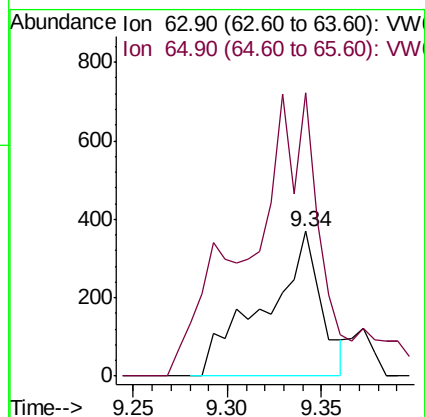
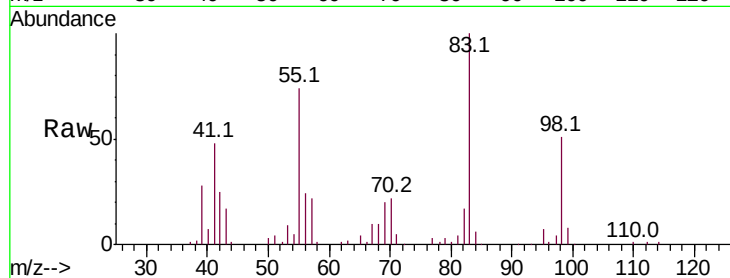
ClientSampled :

Tot Ion: 63 Resp: 763

Ion Ratio Lower Upper

63 100

65 167.5 24.4 36.6#



#47

Bromodichloromethane

Concen: 3.201 ug/l

RT: 9.62 min Scan# 1266

Delta R.T. -0.02 min

Lab File: VW007656.D

Acq: 18 Dec 2018 14:17

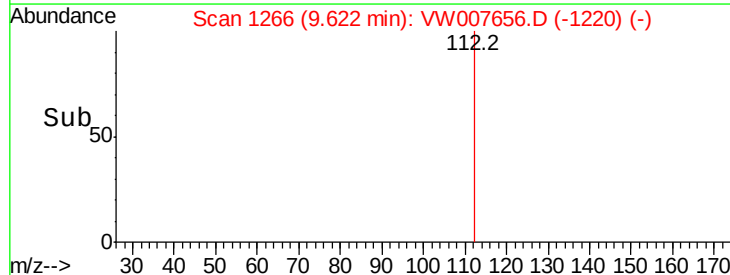
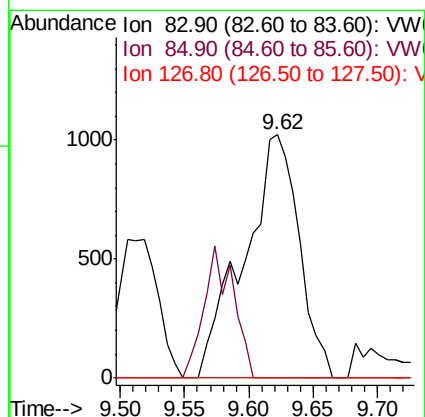
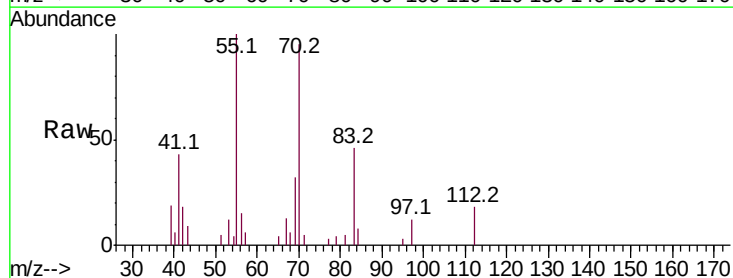
Tgt Ion: 83 Resp: 3038

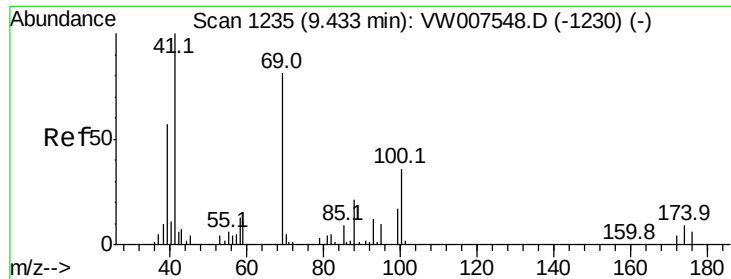
Ion Ratio Lower Upper

83 100

85 0.0 47.6 71.4#

127 0.0 6.7 10.1#

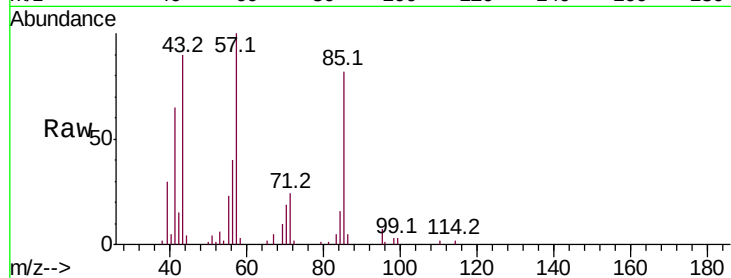




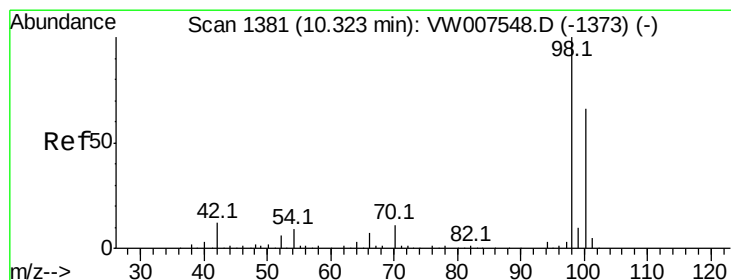
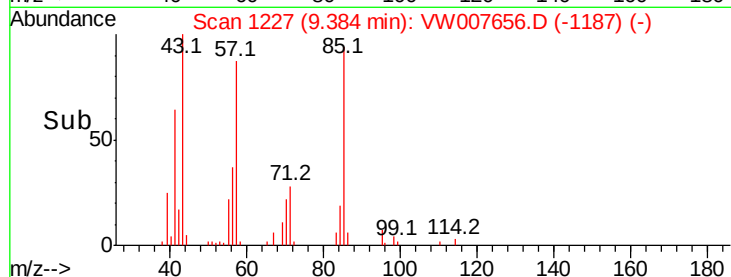
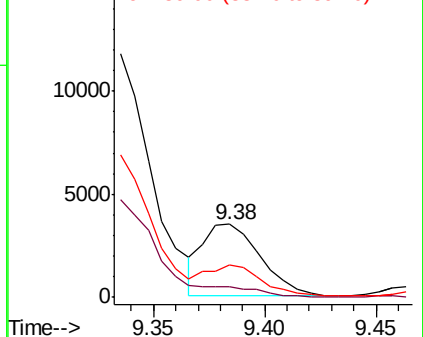
#48
Methvl methacrylate
Concen: 16.601 ug/l
RT: 9.38 min Scan# 1227
Delta R.T. -0.05 min
Lab File: VW007656.D
Acq: 18 Dec 2018 14:17

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 41 Resp: 6215
Ion Ratio Lower Upper
41 100
69 0.0 69.8 104.8#
39 45.2 50.9 76.3#

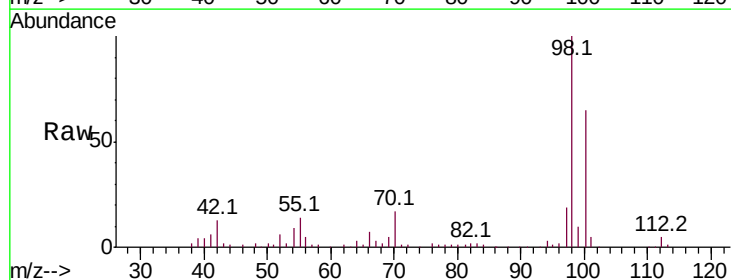


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW

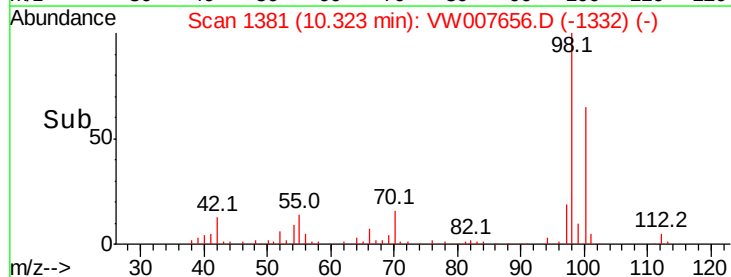
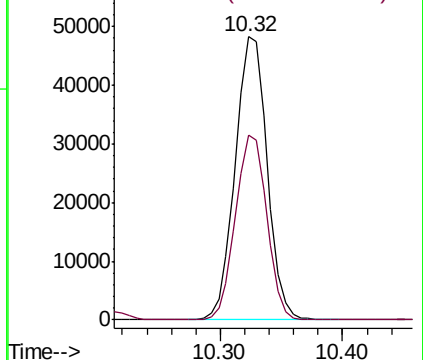


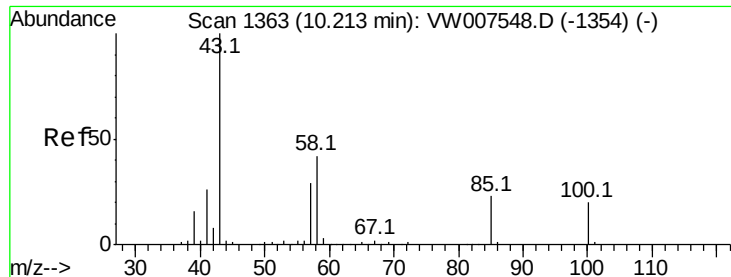
#50
Toluene-d8
Concen: 35.330 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007656.D
Acq: 18 Dec 2018 14:17

Tgt Ion: 98 Resp: 87216
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

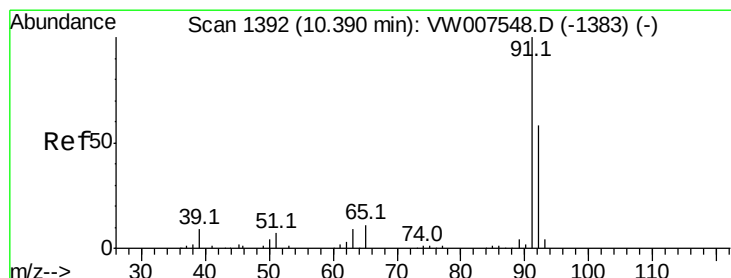
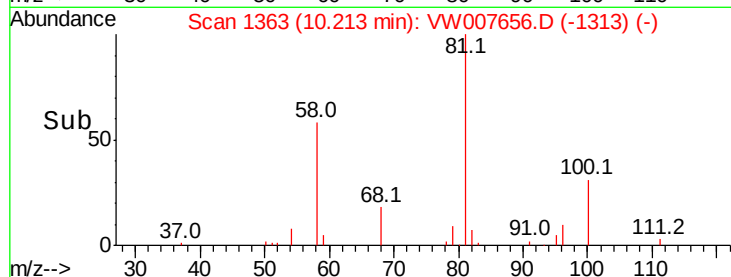
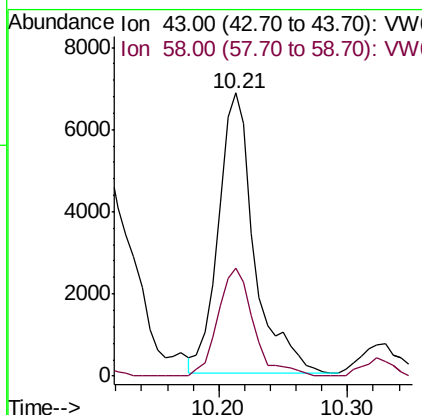
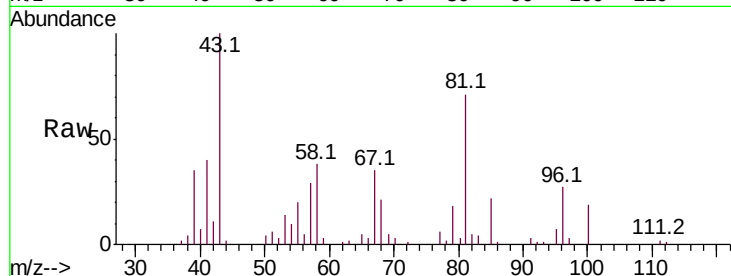




#51
4-Methyl-2-Pentanone
Concen: 38.941 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW007656.D
Acq: 18 Dec 2018 14:17

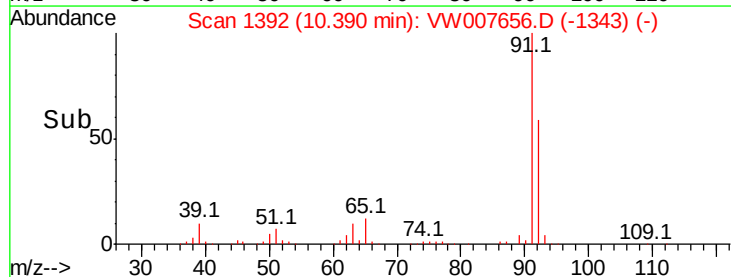
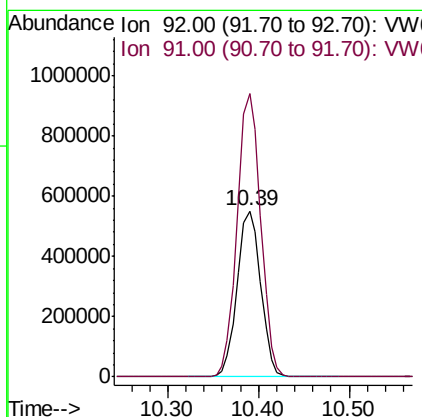
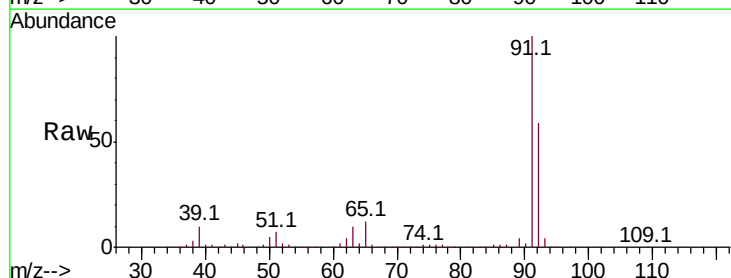
Instrument :
MSVOA_W
ClientSampled :

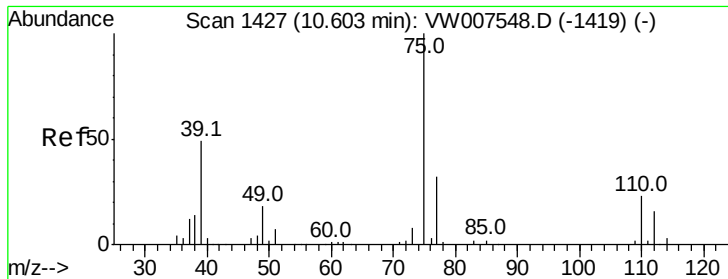
Tot Ion: 43 Resp: 13412
Ion Ratio Lower Upper
43 100
58 37.9 33.1 49.7



#52
Toluene
Concen: 557.551 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007656.D
Acq: 18 Dec 2018 14:17

Tgt Ion: 92 Resp: 993495
Ion Ratio Lower Upper
92 100
91 170.7 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 14.356 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.21 min

Lab File: VW007656.D

Acq: 18 Dec 2018 14:17

Instrument :

MSVOA_W

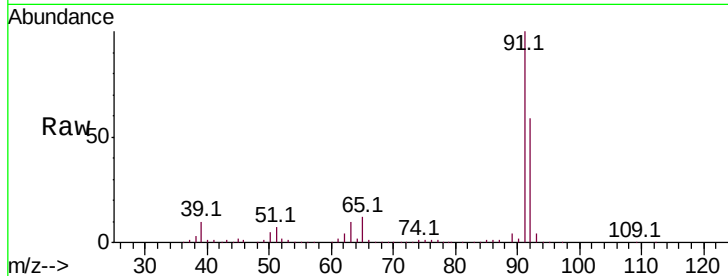
ClientSampled :

Tot Ion: 75 Resp: 13228

Ion Ratio Lower Upper

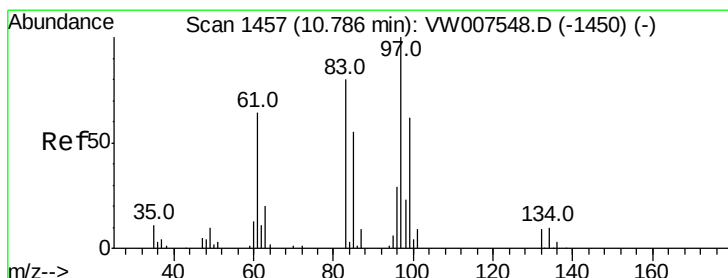
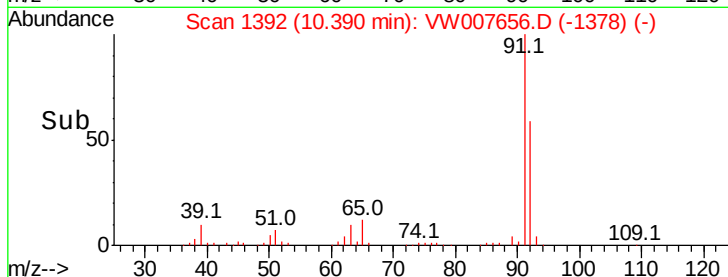
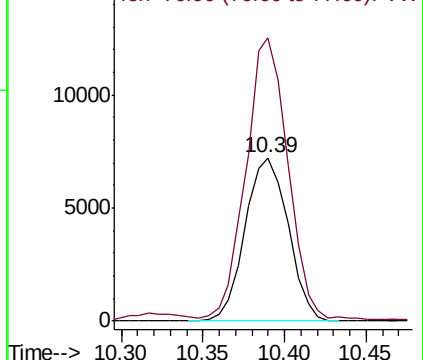
75 100

77 170.6 26.2 39.4#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#55

1,1,2-Trichloroethane

Concen: 17.729 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.03 min

Lab File: VW007656.D

Acq: 18 Dec 2018 14:17

Tgt Ion: 97 Resp: 8731

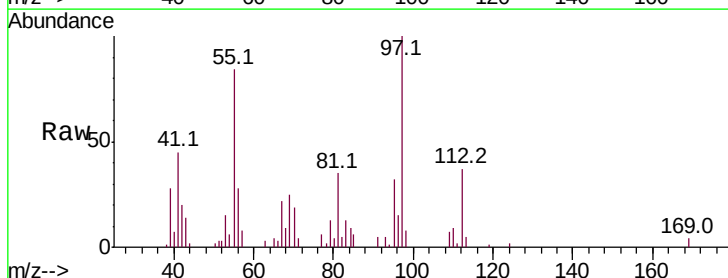
Ion Ratio Lower Upper

97 100

83 11.3 62.1 93.1#

85 5.6 44.2 66.4#

99 0.0 50.2 75.4#

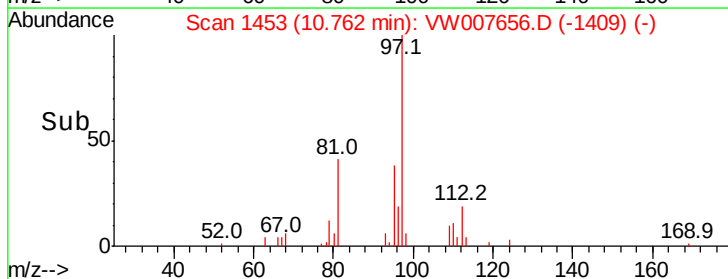
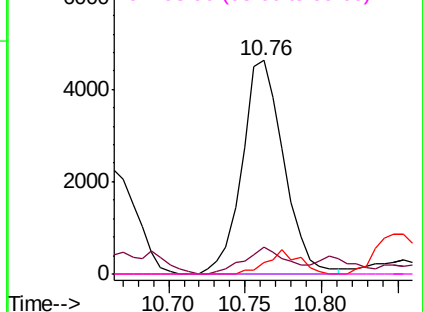


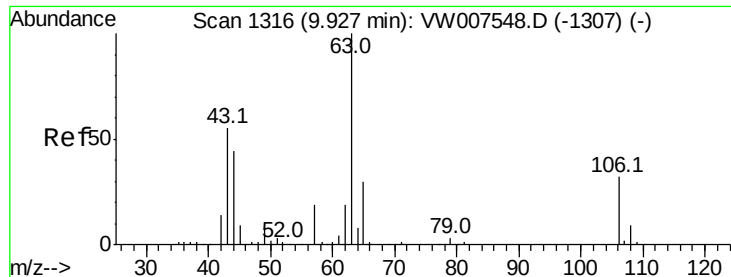
Abundance Ion 96.90 (96.60 to 97.60): VW

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

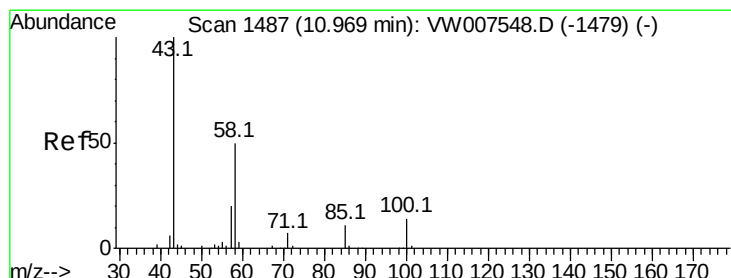
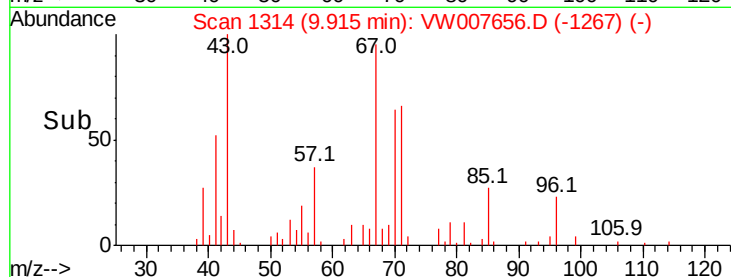
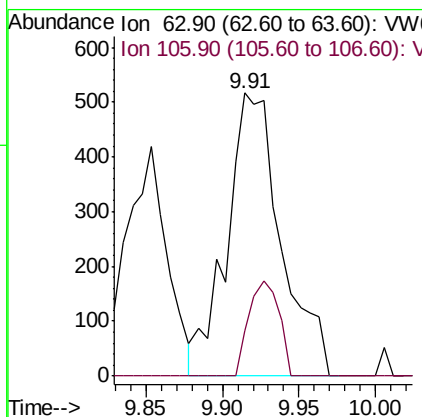
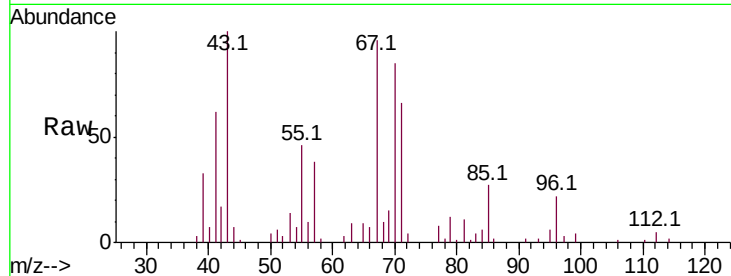




#58
 2-Chloroethyl Vinyl ether
 Concen: 4.664 ug/l
 RT: 9.91 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: VW007656.D
 Acq: 18 Dec 2018 14:17

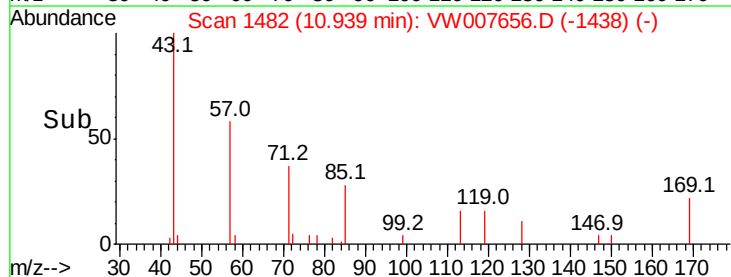
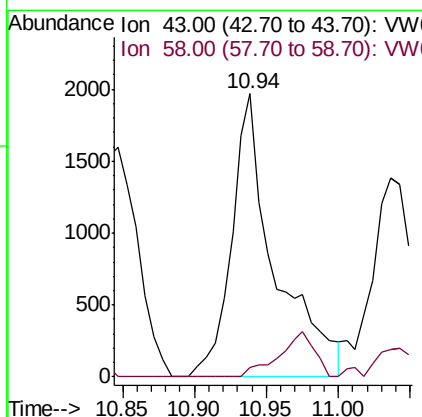
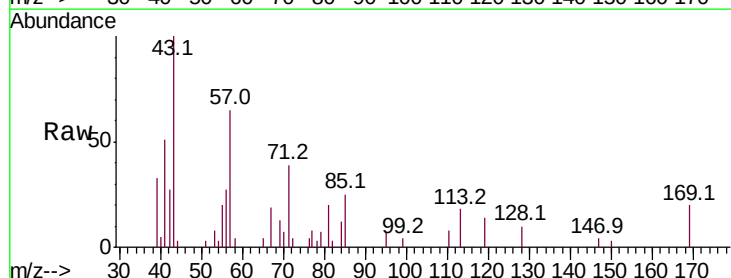
Instrument :
 MSVOA_W
 ClientSampleId :

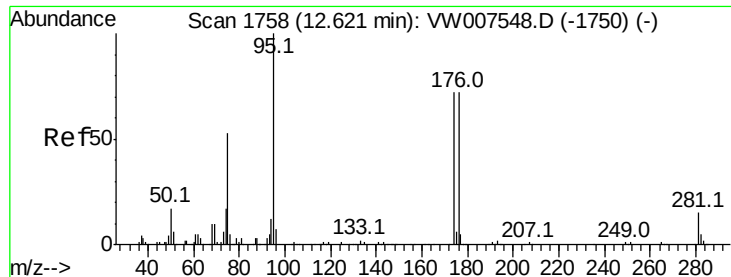
Tot Ion: 63 Resp: 1273
 Ion Ratio Lower Upper
 63 100
 106 18.9 25.0 37.6#



#59
 2-Hexanone
 Concen: 17.874 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.03 min
 Lab File: VW007656.D
 Acq: 18 Dec 2018 14:17

Tgt Ion: 43 Resp: 4105
 Ion Ratio Lower Upper
 43 100
 58 0.0 27.1 81.3#

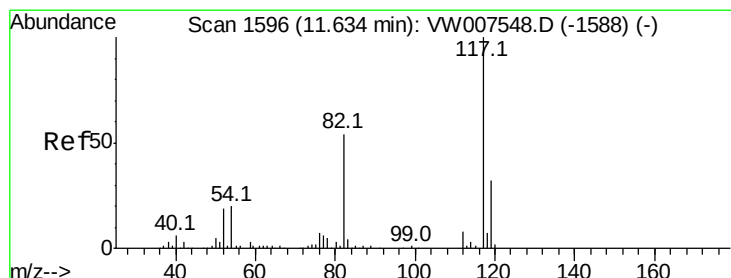
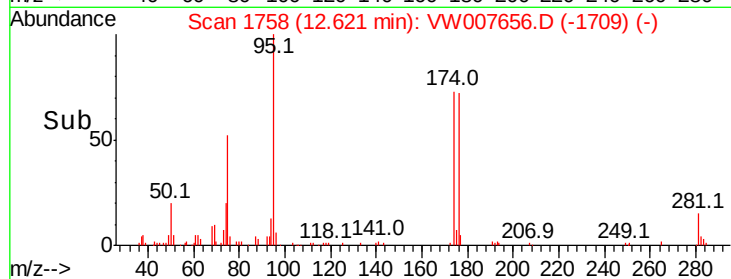
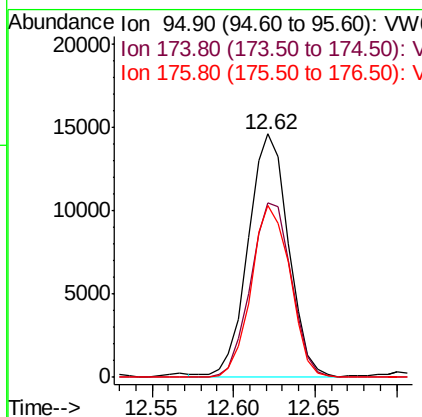
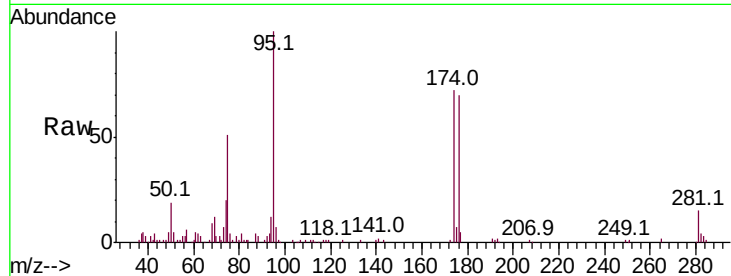




#62
4-Bromofluorobenzene
Concen: 27.373 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007656.D
Acq: 18 Dec 2018 14:17

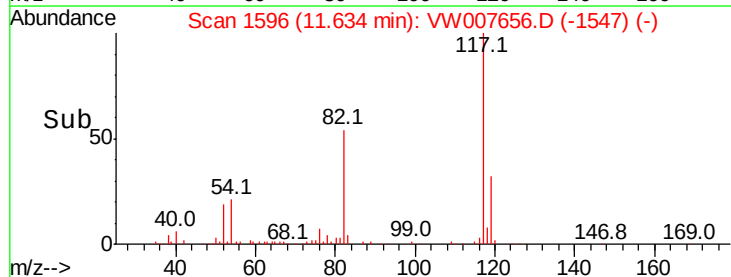
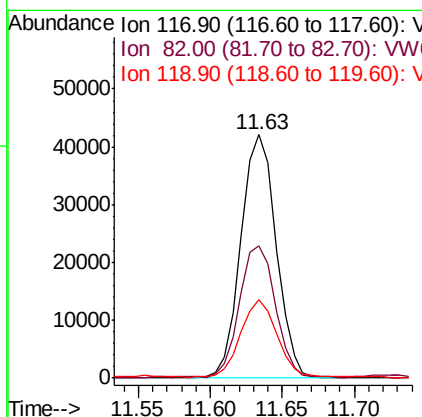
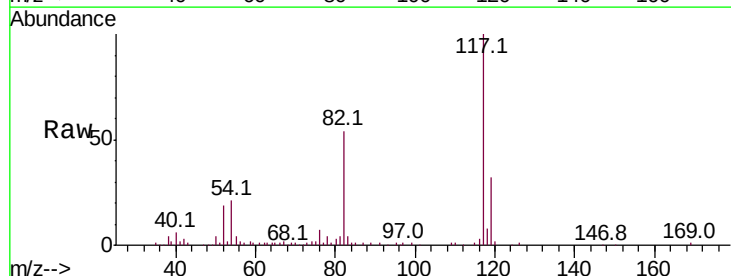
Instrument :
MSVOA_W
ClientSampleId :

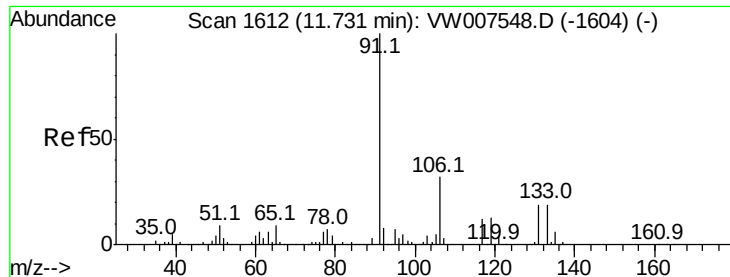
Tot Ion	95	Resp	24845
Ion Ratio	Lower	Upper	
95	100		
174	73.2	0.0	147.2
176	68.9	0.0	138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007656.D
Acq: 18 Dec 2018 14:17

Tgt Ion	117	Resp	71482
Ion Ratio	Lower	Upper	
117	100		
82	53.8	42.3	63.5
119	32.0	23.0	34.6

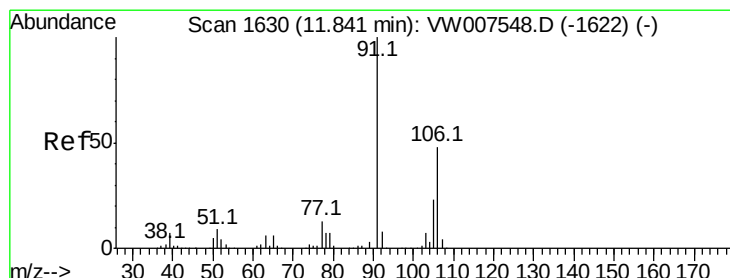
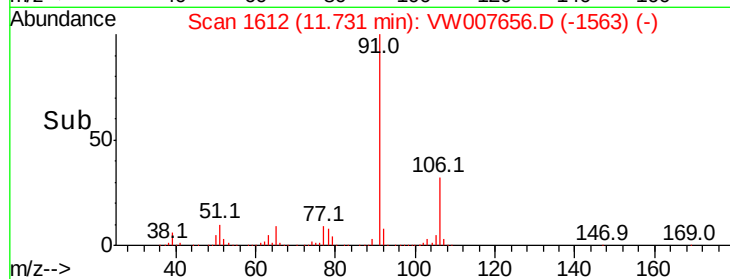
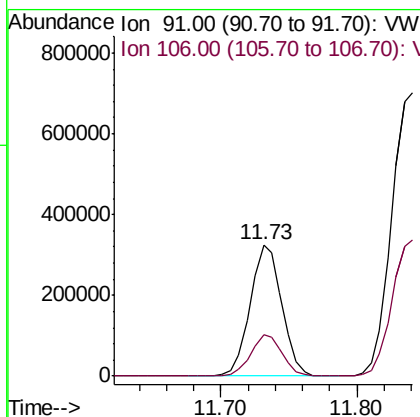
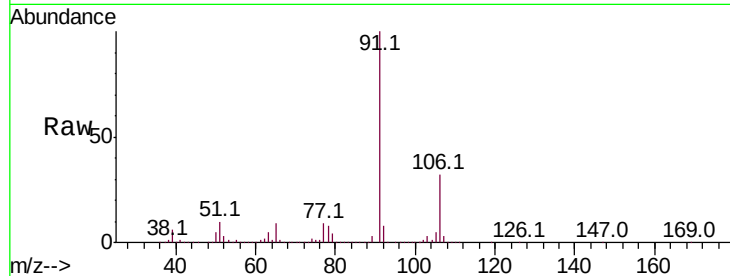




#67
Ethyl Benzene
Concen: 206.712 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007656.D
Acq: 18 Dec 2018 14:17

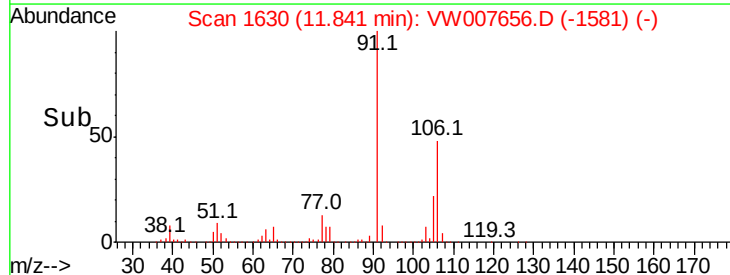
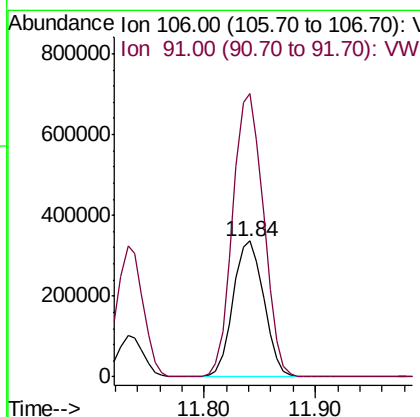
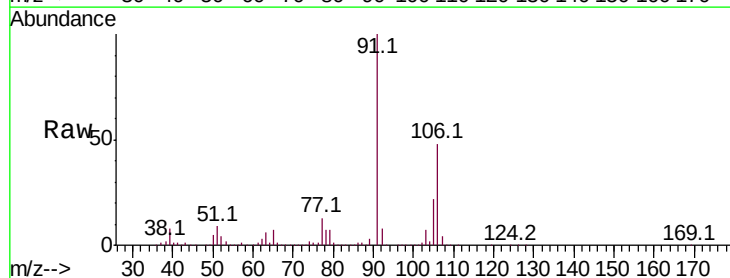
Instrument :
MSVOA_W
ClientSampled :

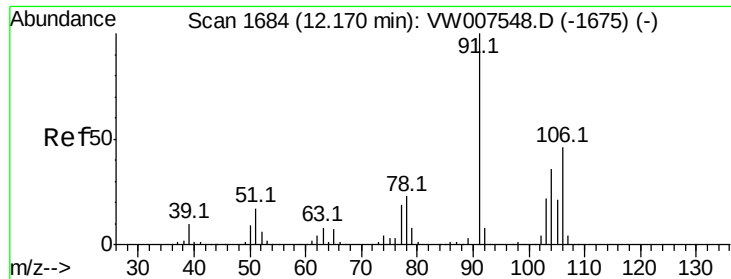
Tot Ion: 91 Resp: 529509
Ion Ratio Lower Upper
91 100
106 31.8 21.8 32.8



#68
m/p-Xylenes
Concen: 646.222 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007656.D
Acq: 18 Dec 2018 14:17

Tgt Ion:106 Resp: 643526
Ion Ratio Lower Upper
106 100
91 209.2 165.3 247.9

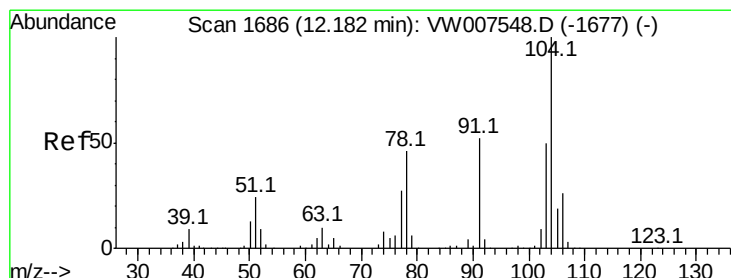
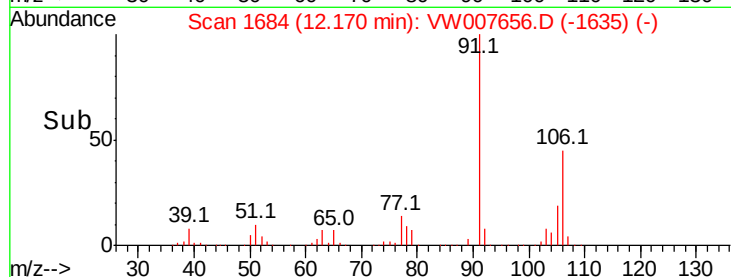
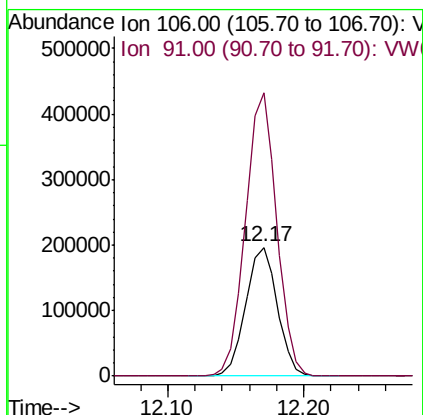
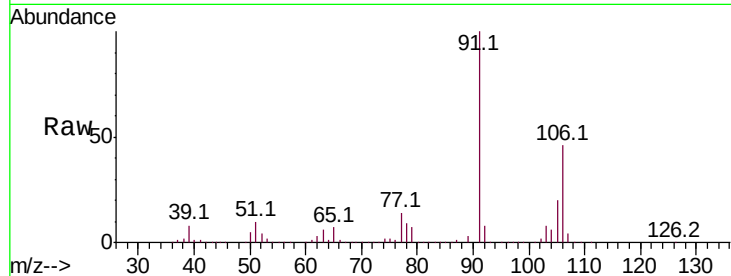




#69
o-Xylene
Concen: 344.252 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007656.D
Acq: 18 Dec 2018 14:17

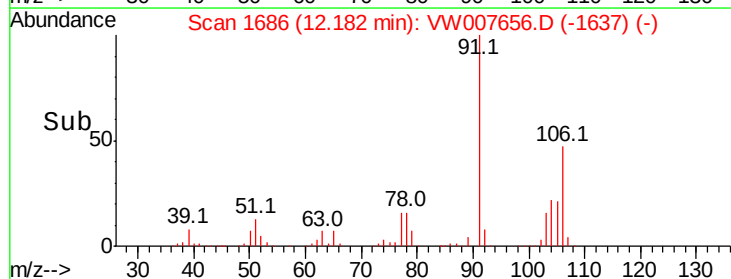
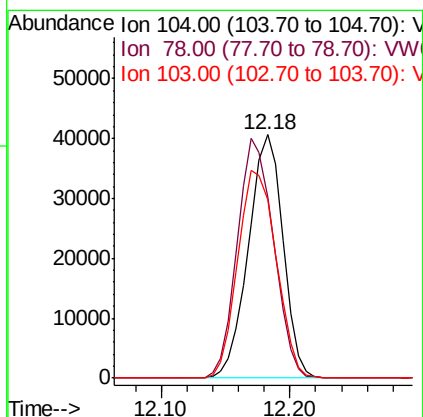
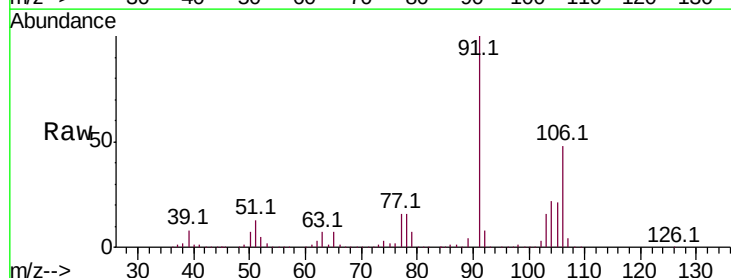
Instrument :
MSVOA_W
ClientSampleId :

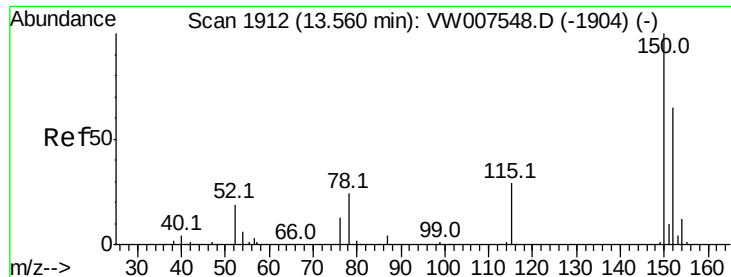
Tot Ion:106 Resp: 320167
Ion Ratio Lower Upper
106 100
91 216.8 106.6 319.8



#70
Styrene
Concen: 50.019 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007656.D
Acq: 18 Dec 2018 14:17

Tgt Ion:104 Resp: 75139
Ion Ratio Lower Upper
104 100
78 103.9 41.8 62.8#
103 95.5 46.6 69.8#



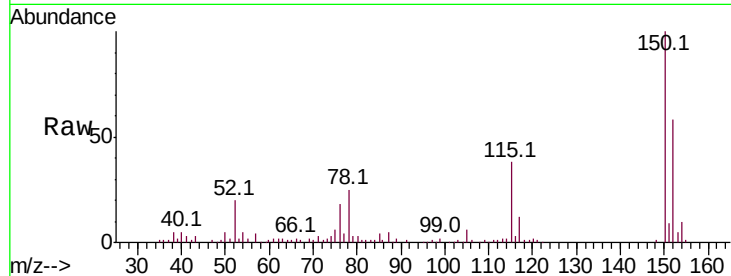


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007656.D
Acq: 18 Dec 2018 14:17

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
115	108.0	31.4	94.2#
150	162.8	0.0	358.4

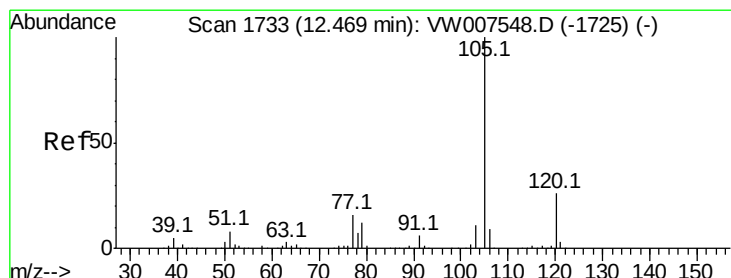
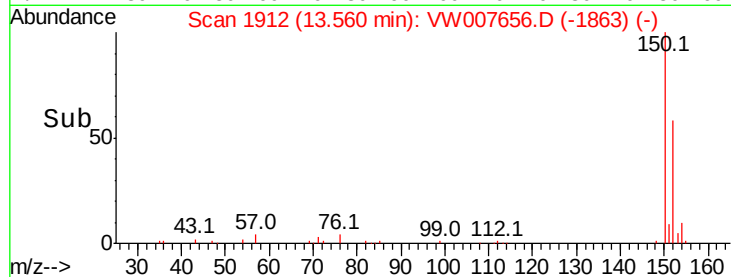
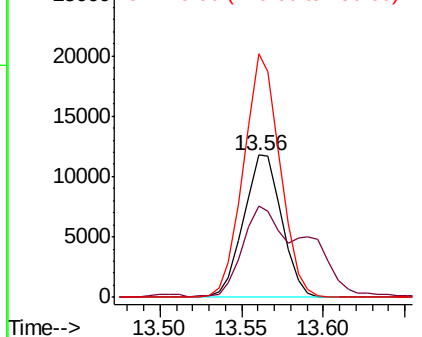


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

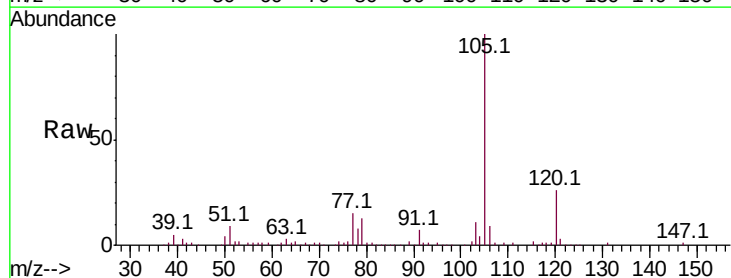
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene
Concen: 28.748 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.01 min
Lab File: VW007656.D
Acq: 18 Dec 2018 14:17

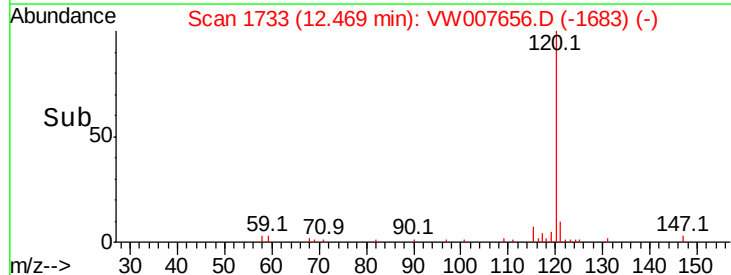
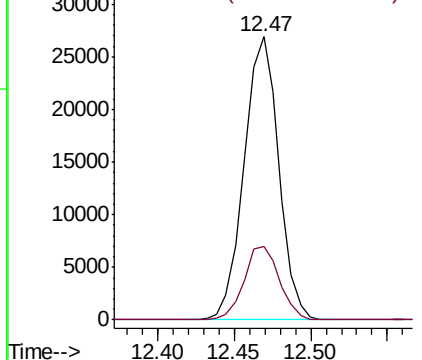
Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.6	12.8	38.4

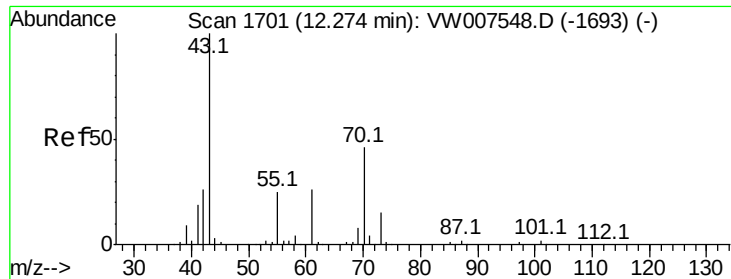


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 7.758 ug/l

RT: 12.25 min Scan# 1697

Delta R.T. -0.02 min

Lab File: VW007656.D

Acq: 18 Dec 2018 14:17

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 2074

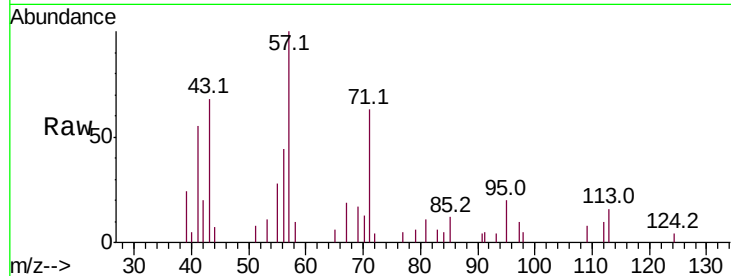
Ion Ratio Lower Upper

43 100

70 18.7 36.5 54.7#

55 0.0 20.1 30.1#

61 0.0 19.3 28.9#

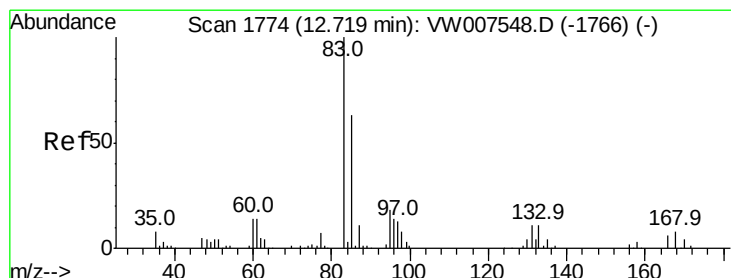
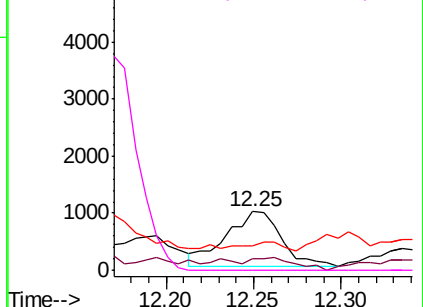
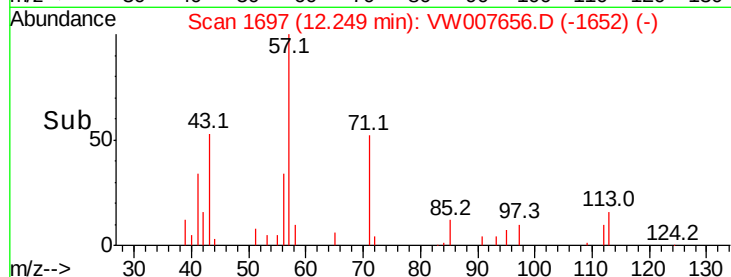


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#75

1,1,2,2-Tetrachloroethane

Concen: 1.193 ug/l

RT: 12.71 min Scan# 1772

Delta R.T. -0.01 min

Lab File: VW007656.D

Acq: 18 Dec 2018 14:17

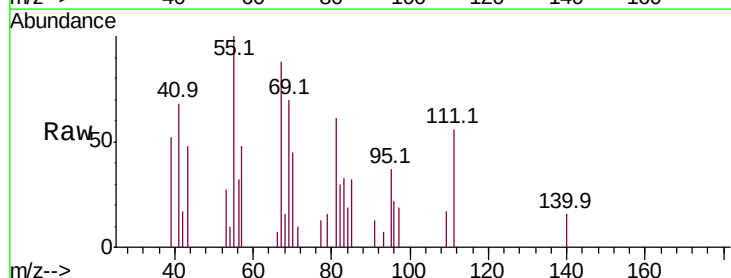
Tgt Ion: 83 Resp: 260

Ion Ratio Lower Upper

83 100

131 0.0 5.9 17.8#

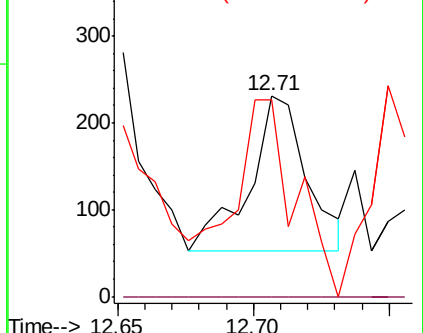
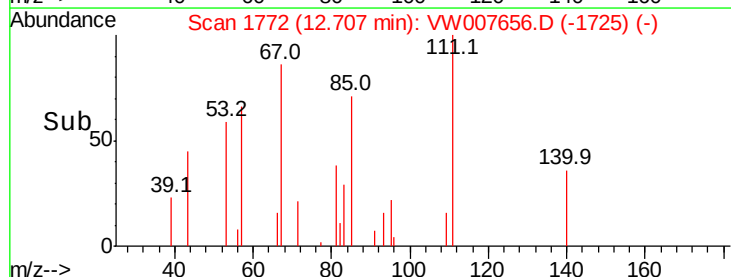
85 128.8 30.0 90.0#

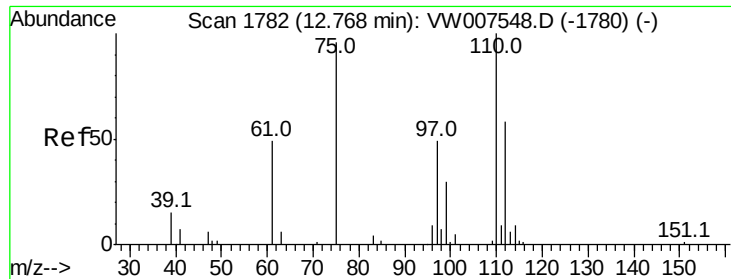


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW





#76

1,2,3-Trichloropropane

Concen: 6.488 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.04 min

Lab File: VW007656.D

Acq: 18 Dec 2018 14:17

Instrument :

MSVOA_W

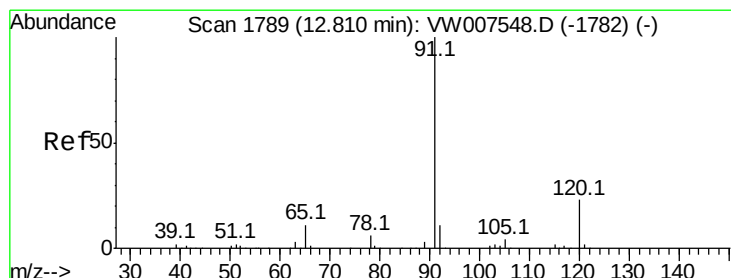
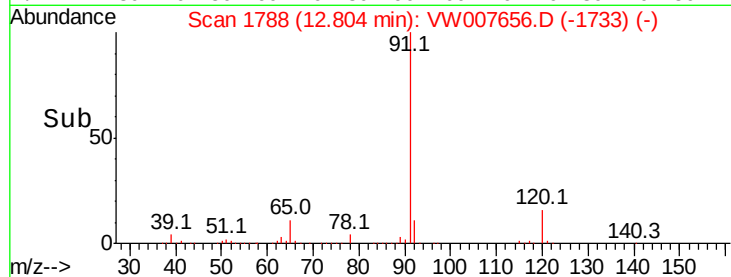
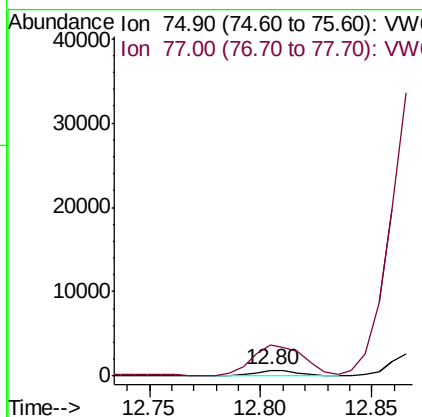
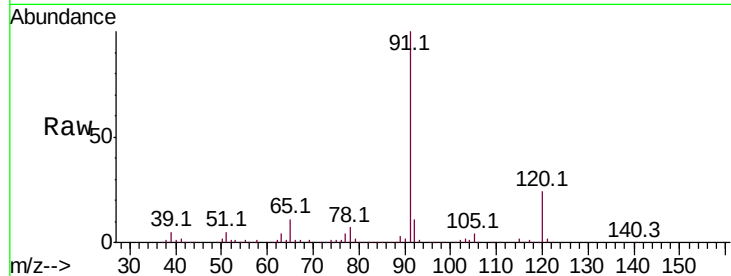
ClientSampleId :

Tot Ion: 75 Resp: 1027

Ion Ratio Lower Upper

75 100

77 566.4 166.9 500.8#



#78

n-propylbenzene

Concen: 83.987 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VW007656.D

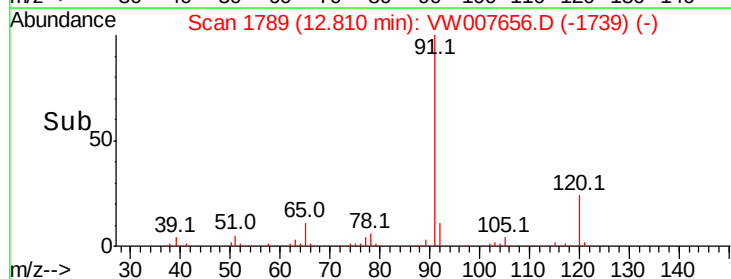
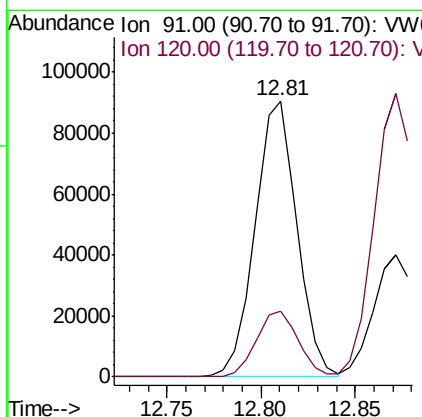
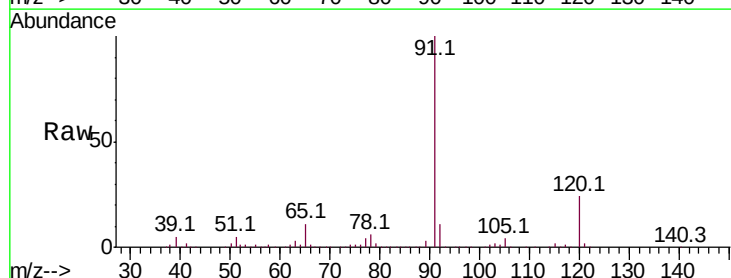
Acq: 18 Dec 2018 14:17

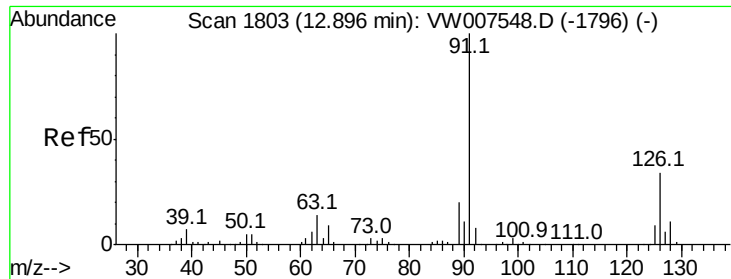
Tgt Ion: 91 Resp: 139041

Ion Ratio Lower Upper

91 100

120 24.0 11.9 35.5

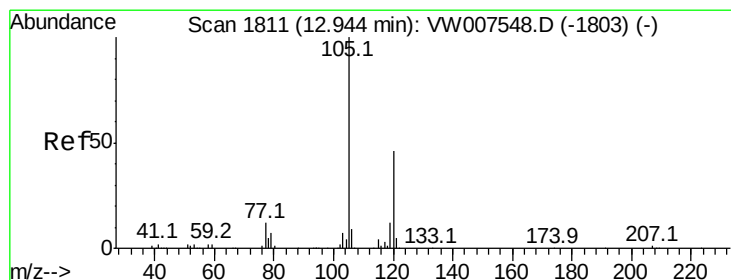
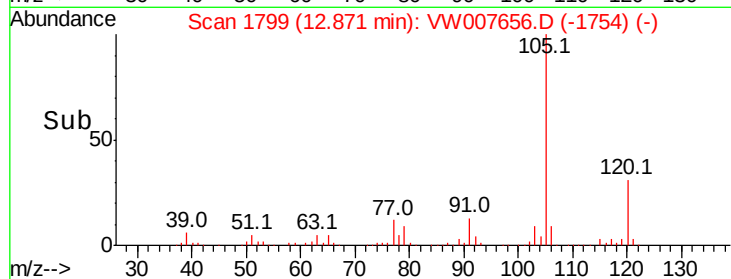
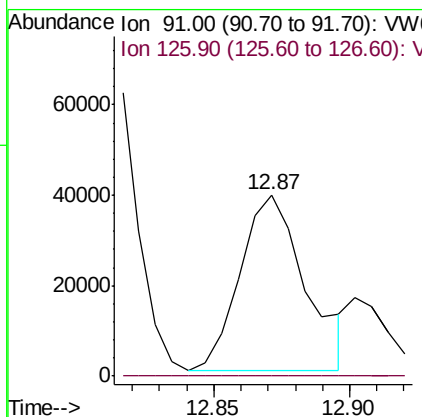
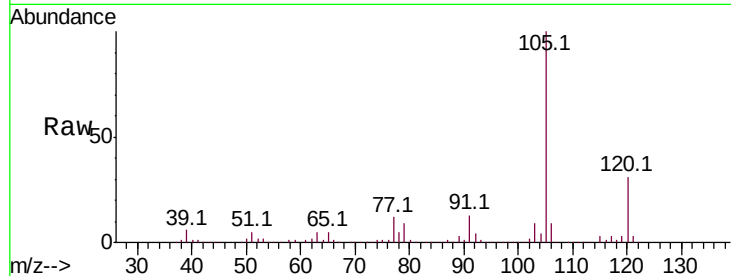




#79
 2-Chlorotoluene
 Concen: 64.569 ug/l
 RT: 12.87 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: VW007656.D
 Acq: 18 Dec 2018 14:17

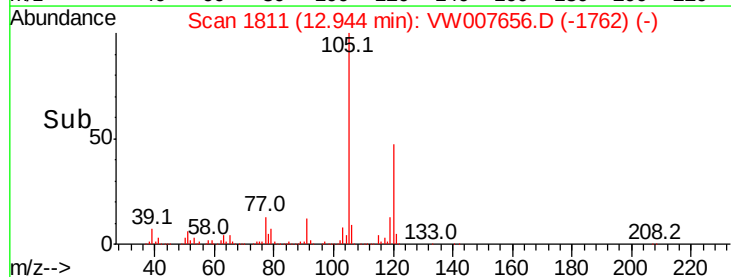
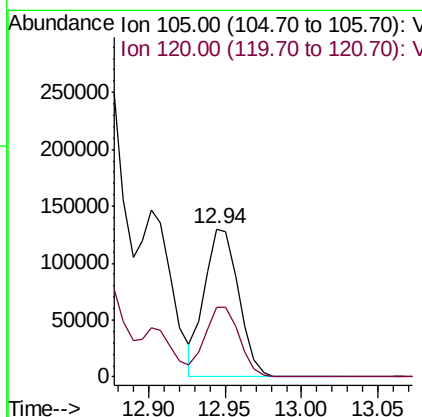
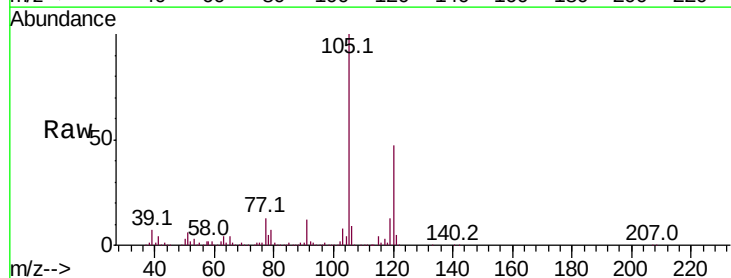
Instrument :
 MSVOA_W
 ClientSampleId :

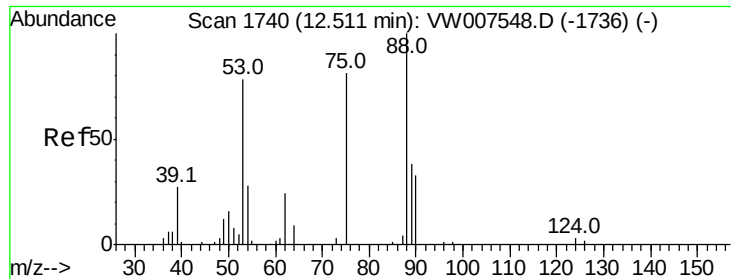
Tot Ion: 91 Resp: 64679
 Ion Ratio Lower Upper
 91 100
 126 0.2 15.9 47.6#



#80
 1,3,5-Trimethylbenzene
 Concen: 163.197 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW007656.D
 Acq: 18 Dec 2018 14:17

Tgt Ion:105 Resp: 201716
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.8 71.4





#81

trans-1,4-Dichloro-2-butene

Concen: 8.806 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.05 min

Lab File: VW007656.D

Acq: 18 Dec 2018 14:17

Instrument :

MSVOA_W

ClientSampleId :

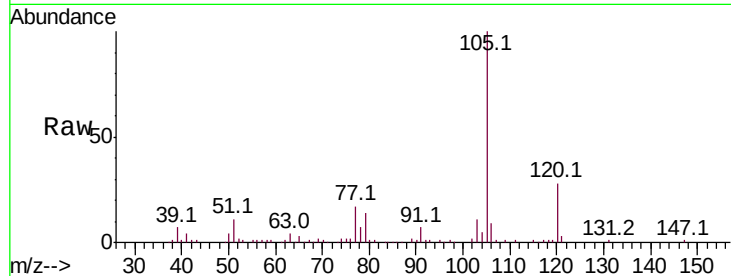
Tot Ion: 75 Resp: 631

Ion Ratio Lower Upper

75 100

53 136.1 84.9 127.3#

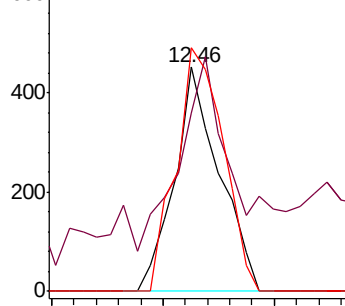
89 114.7 40.3 60.5#



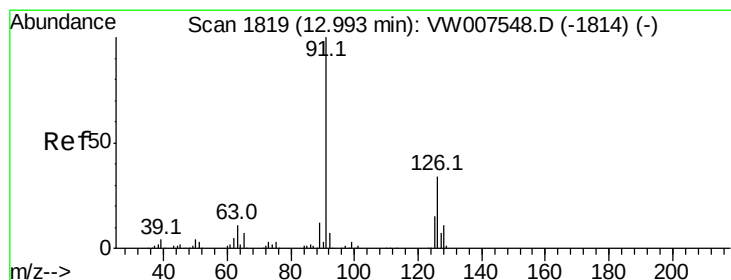
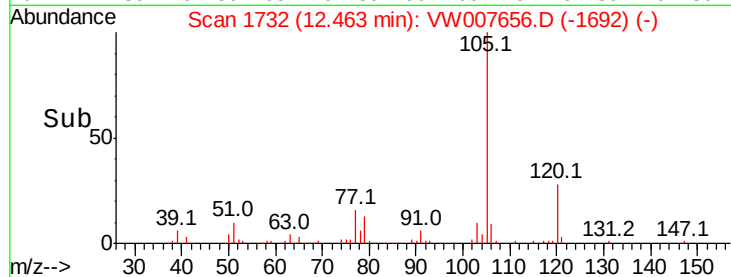
Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



Time--> 12.40 12.45 12.50



#82

4-Chlorotoluene

Concen: 21.919 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.05 min

Lab File: VW007656.D

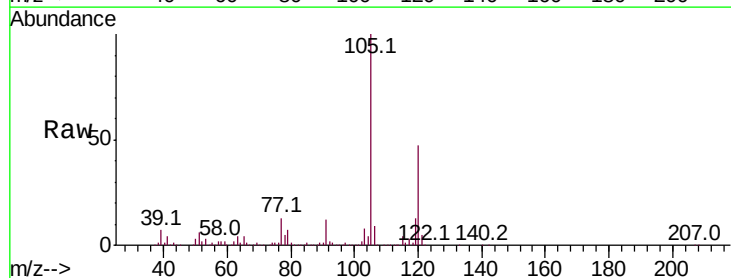
Acq: 18 Dec 2018 14:17

Tgt Ion: 91 Resp: 23144

Ion Ratio Lower Upper

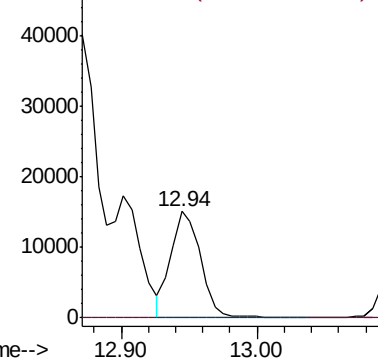
91 100

126 0.0 16.0 48.0#

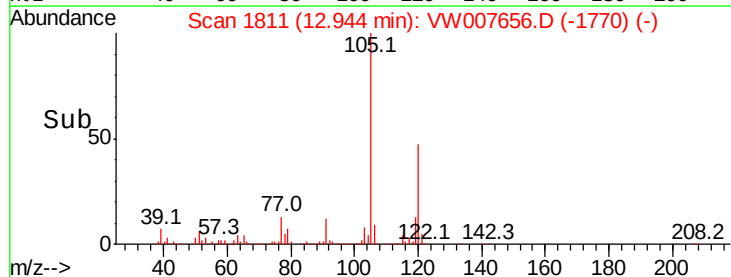


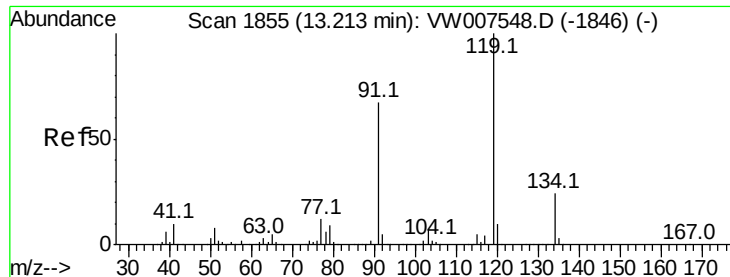
Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



Time--> 12.90 13.00





#83

tert-Butylbenzene

Concen: 65.228 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.04 min

Lab File: VW007656.D

Acq: 18 Dec 2018 14:17

Instrument :

MSVOA_W

ClientSampleId :

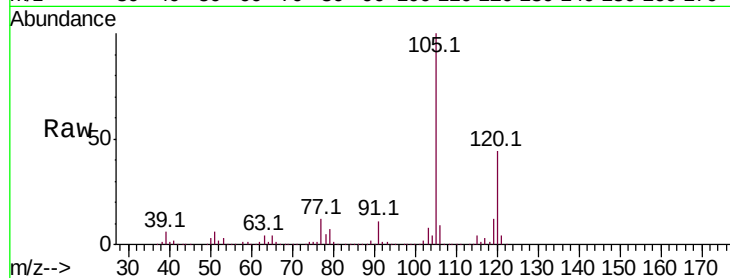
Tot Ion:119 Resp: 71040

Ion Ratio Lower Upper

119 100

91 90.2 33.1 99.2

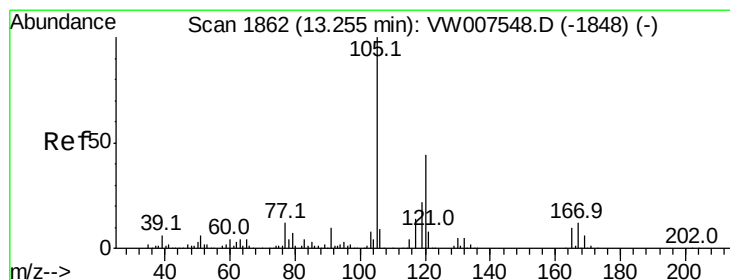
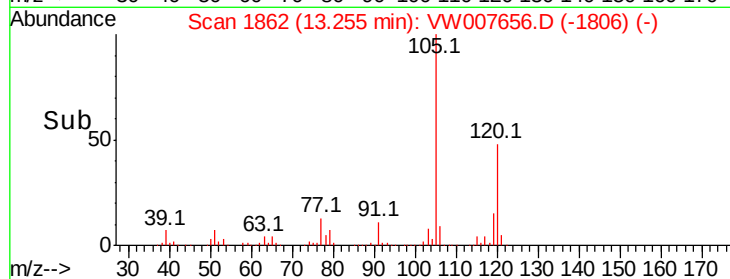
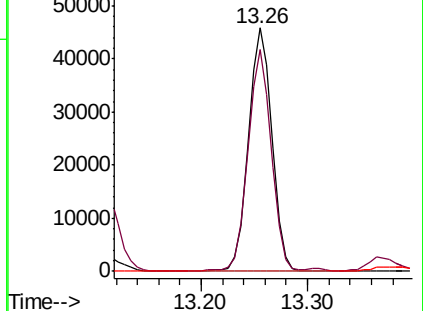
134 0.0 12.5 37.5#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 459.026 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW007656.D

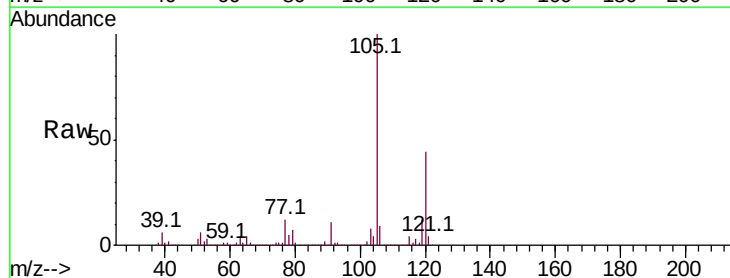
Acq: 18 Dec 2018 14:17

Tgt Ion:105 Resp: 583850

Ion Ratio Lower Upper

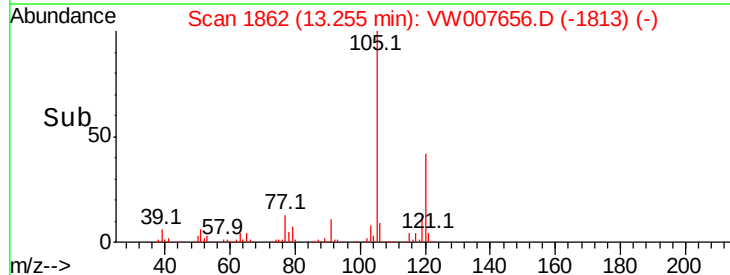
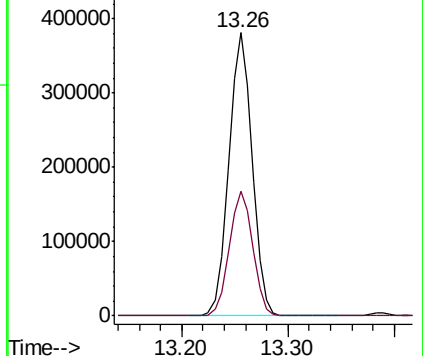
105 100

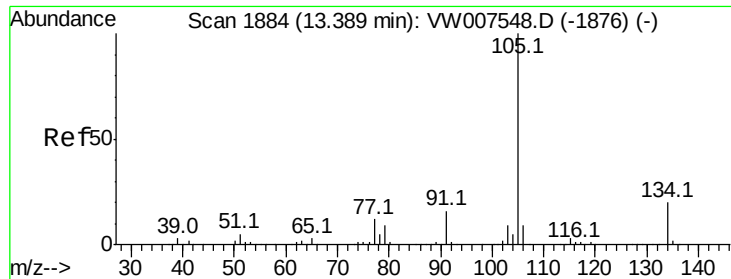
120 44.3 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

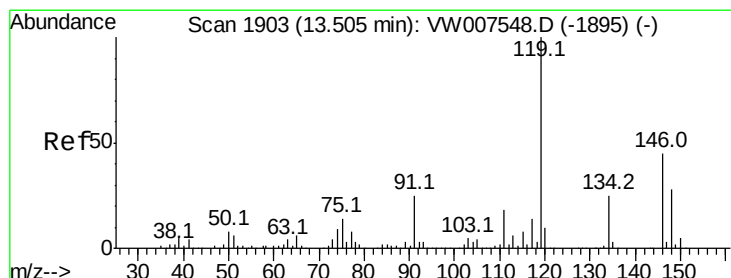
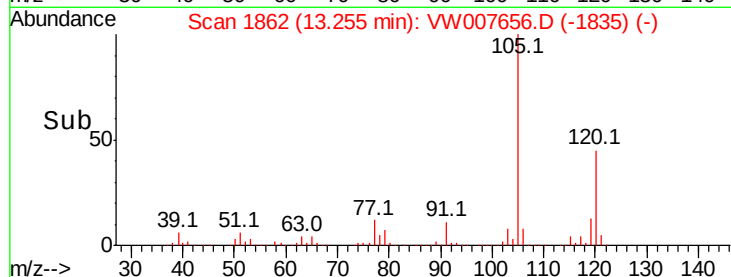
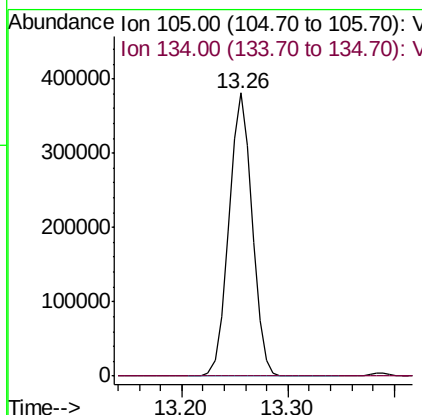
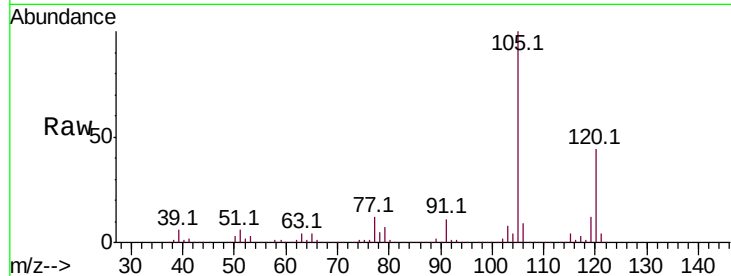




#85
 sec-Butylbenzene
 Concen: 392.697 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.13 min
 Lab File: VW007656.D
 Acq: 18 Dec 2018 14:17

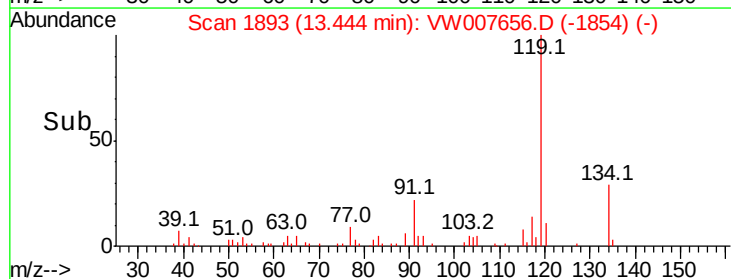
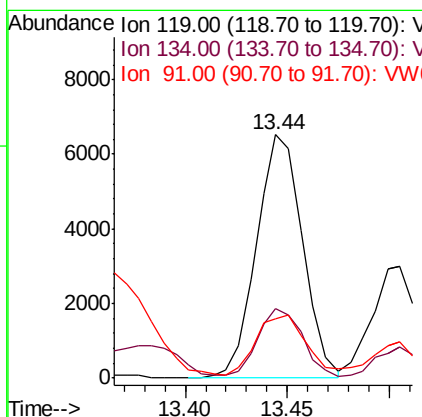
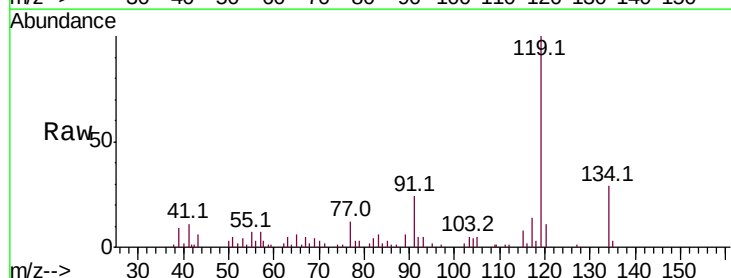
Instrument :
 MSVOA_W
 ClientSampled :

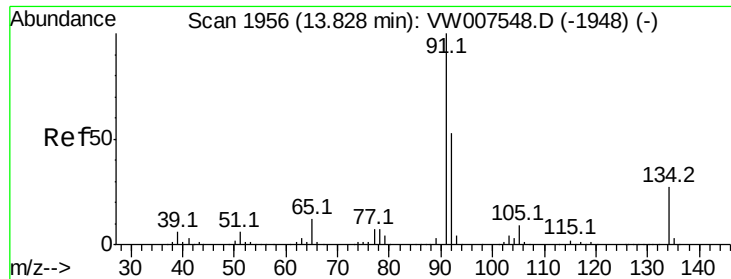
Tot Ion:105 Resp: 583850
 Ion Ratio Lower Upper
 105 100
 134 0.0 11.1 33.3#



#86
 p-Isopropyltoluene
 Concen: 7.693 ug/l
 RT: 13.44 min Scan# 1893
 Delta R.T. -0.06 min
 Lab File: VW007656.D
 Acq: 18 Dec 2018 14:17

Tgt Ion:119 Resp: 10275
 Ion Ratio Lower Upper
 119 100
 134 28.3 12.9 38.7
 91 26.1 11.9 35.9

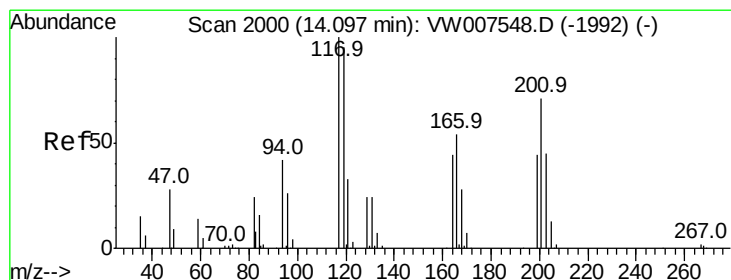
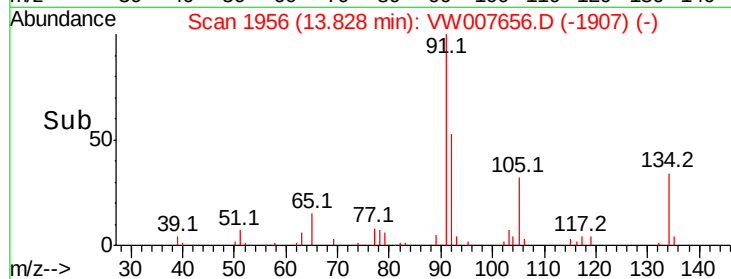
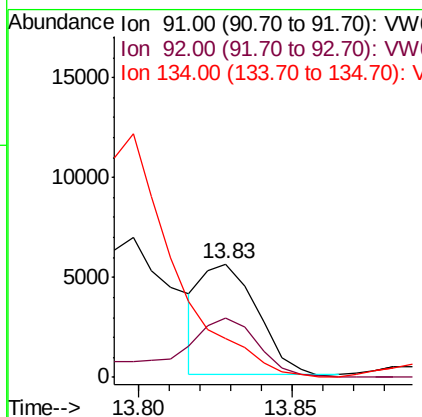
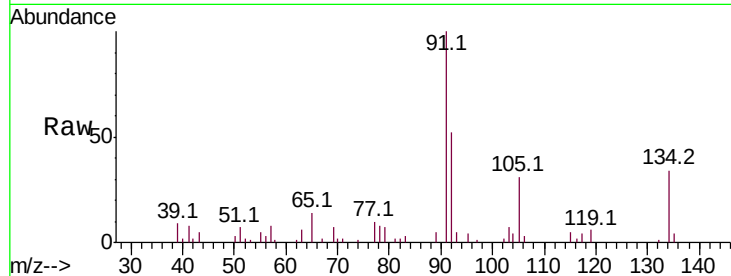




#89
n-Butylbenzene
Concen: 5.596 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007656.D
Acq: 18 Dec 2018 14:17

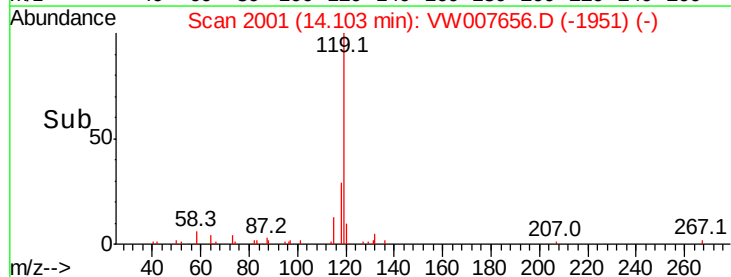
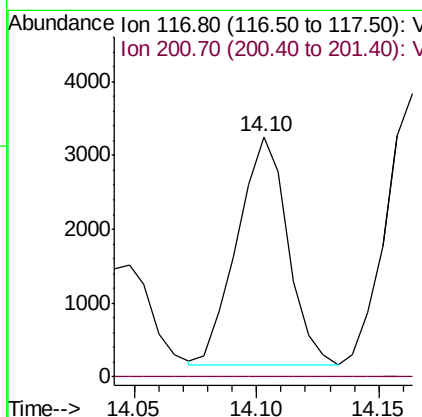
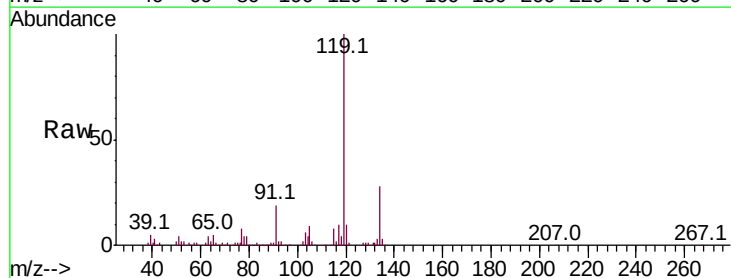
Instrument :
MSVOA_W
ClientSampled :

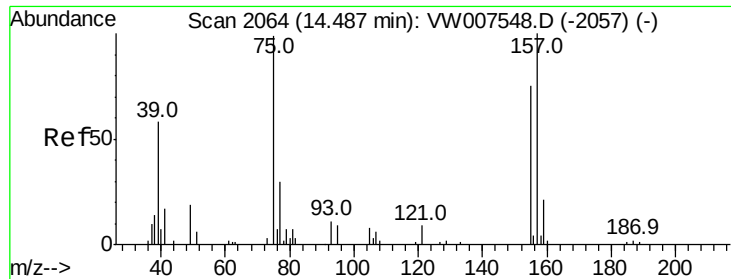
Tot Ion: 91 Resp: 6929
Ion Ratio Lower Upper
91 100
92 71.2 25.7 77.1
134 0.0 13.4 40.2#



#90
Hexachloroethane
Concen: 18.788 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW007656.D
Acq: 18 Dec 2018 14:17

Tgt Ion: 117 Resp: 4465
Ion Ratio Lower Upper
117 100
201 0.0 35.3 105.9#





#92

1,2-Dibromo-3-Chloropropane

Concen: 6.381 ug/l

RT: 14.46 min Scan# 2060

Delta R.T. -0.03 min

Lab File: VW007656.D

Acq: 18 Dec 2018 14:17

Instrument :

MSVOA_W

ClientSampleId :

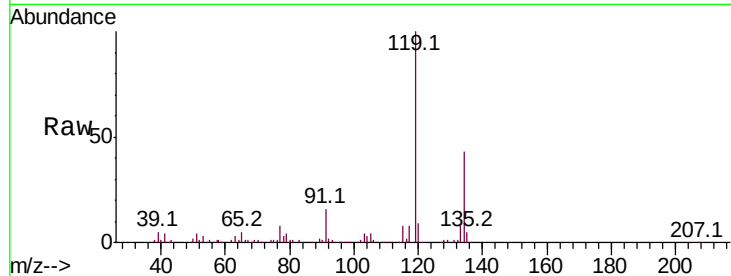
Tot Ion: 75 Resp: 279

Ion Ratio Lower Upper

75 100

155 0.0 40.8 122.2#

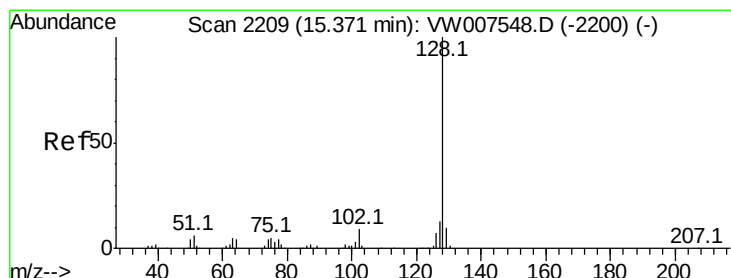
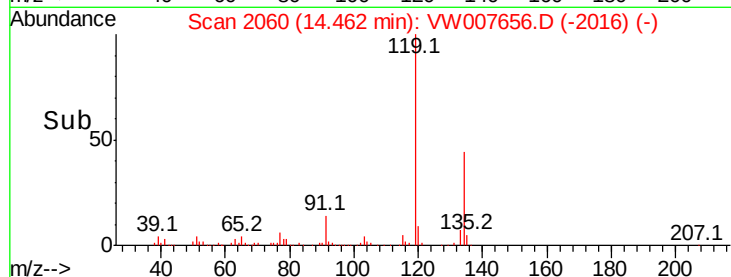
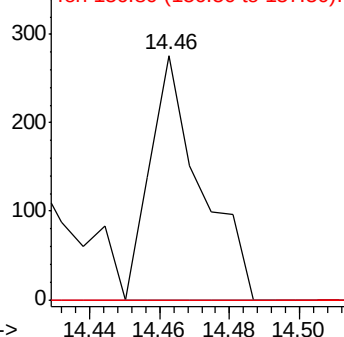
157 0.0 51.1 153.4#



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: 49.984 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.01 min

Lab File: VW007656.D

Acq: 18 Dec 2018 14:17

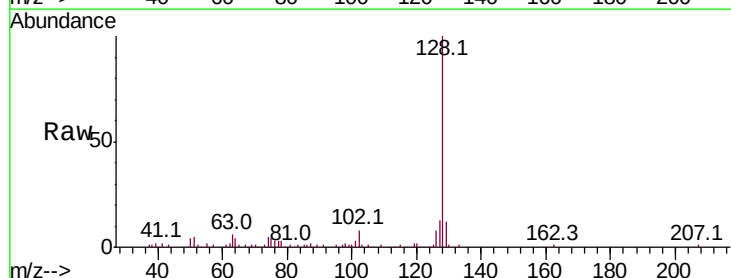
Tgt Ion:128 Resp: 38317

Ion Ratio Lower Upper

128 100

127 13.7 10.2 15.4

129 11.5 8.3 12.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

