

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072818\
 Data File : VW004253.D
 Acq On : 27 Jul 2018 05:27
 Operator : SY/AP
 Sample : J4144-01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 27 07:39:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	220649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	402395	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	313444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	107803	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	274415	111.26	ug/l	0.00
Spiked Amount			Recovery	=	222.52%	
35) Dibromofluoromethane	7.88	113	238093	92.22	ug/l	0.00
Spiked Amount			Recovery	=	184.44%	
50) Toluene-d8	10.33	98	899829	89.82	ug/l	0.00
Spiked Amount			Recovery	=	179.64%	
62) 4-Bromofluorobenzene	12.62	95	235075	65.07	ug/l	0.00
Spiked Amount			Recovery	=	130.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	278	1.633	ug/l #	72
16) Acetone	4.12	43	11857	20.006	ug/l #	88
17) Carbon Disulfide	4.37	76	7752	1.158	ug/l	100
18) Methyl Acetate	4.68	43	1914	1.345	ug/l #	79
20) Methylene Chloride	4.90	84	10967	Below Cal		91
25) 2-Butanone	7.17	43	2521	3.161	ug/l #	74
31) Cyclohexane	7.95	56	6709	1.640	ug/l #	17
36) 1,1-Dichloropropene	7.95	75	18066	4.364	ug/l #	49
38) Carbon Tetrachloride	7.95	117	21890	5.659	ug/l #	16
39) Methylcyclohexane	9.34	83	6599	1.361	ug/l	89
40) Benzene	8.32	78	135599	11.806	ug/l	100
44) Trichloroethene	9.10	130	4303	1.445	ug/l	99
52) Toluene	10.39	92	926767	130.482	ug/l	99
53) t-1,3-Dichloropropene	10.39	75	11008	2.807	ug/l #	1
56) Ethyl methacrylate	10.65	69	1840	3.512	ug/l #	70
67) Ethyl Benzene	11.74	91	1180637	100.838	ug/l	98
68) m/p-Xylenes	11.84	106	5000226	1117.380	ug/l	96
69) o-Xylene	12.17	106	2044386	492.495	ug/l	100
70) Styrene	12.18	104	343796	49.585	ug/l #	11
73) Isopropylbenzene	12.47	105	600592	78.843	ug/l	99
74) N-amyl acetate	12.26	43	4746	2.391	ug/l #	51
76) 1,2,3-Trichloropropane	12.88	75	32061	29.957	ug/l #	100
77) Bromobenzene	12.94	156	591445	324.476	ug/l #	17
78) n-propylbenzene	12.81	91	74855	8.010	ug/l #	53
79) 2-Chlorotoluene	12.91	91	196354	37.253	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.95	105	3413671	532.507	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.47	75	32401	66.967	ug/l #	39
82) 4-Chlorotoluene	12.95	91	362639	64.111	ug/l #	41
83) tert-Butylbenzene	13.26	119	1056723	196.341	ug/l #	67
84) 1,2,4-Trimethylbenzene	13.26	105	8351138	1266.197	ug/l	98
85) sec-Butylbenzene	13.26	105	8351138	1045.765	ug/l #	57
86) p-Isopropyltoluene	13.51	119	406809	58.077	ug/l	94
89) n-Butylbenzene	13.77	91	511886	74.339	ug/l #	48
90) Hexachloroethane	14.10	117	65063	50.389	ug/l #	9

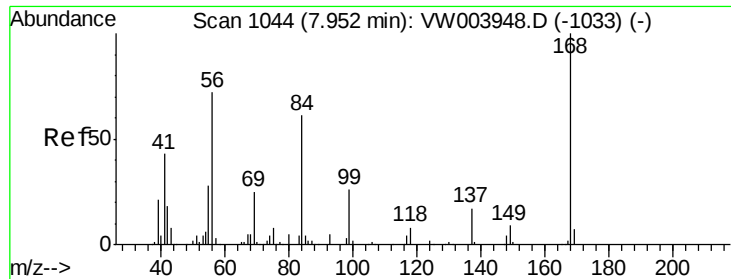
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072818\
Data File : VW004253.D
Acq On : 27 Jul 2018 05:27
Operator : SY/AP
Sample : J4144-01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jul 27 07:39:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 15:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.49	75	144318	550.908	ug/l #	3
93) 1,2,4-Trichlorobenzene	15.19	180	2837	1.245	ug/l #	40

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004253.D

Acq: 27 Jul 2018 05:27

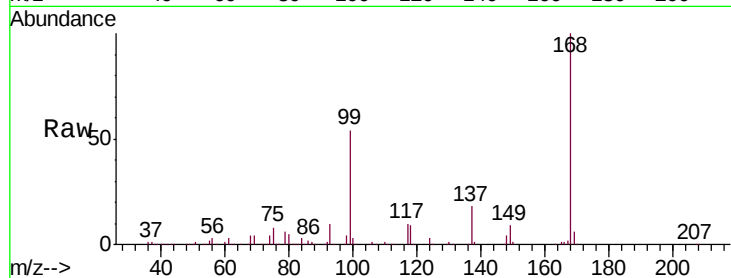
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 220649

Ion Ratio Lower Upper

168 100

99 54.3 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

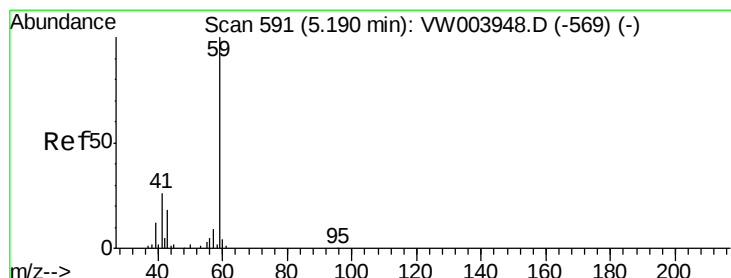
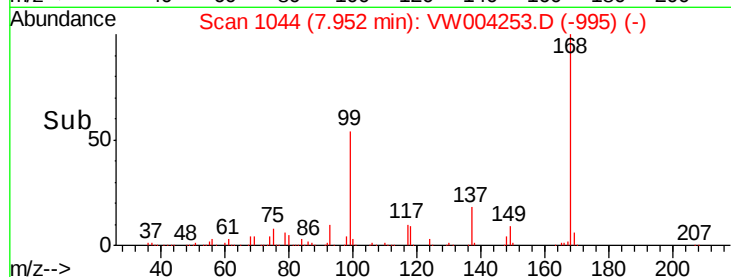
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 1.633 ug/l

RT: 5.18 min Scan# 589

Delta R.T. -0.01 min

Lab File: VW004253.D

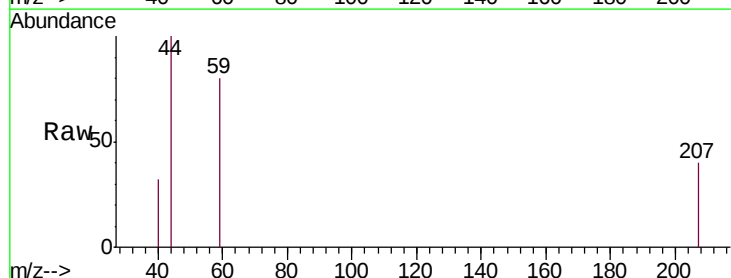
Acq: 27 Jul 2018 05:27

Tgt Ion: 59 Resp: 278

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

200

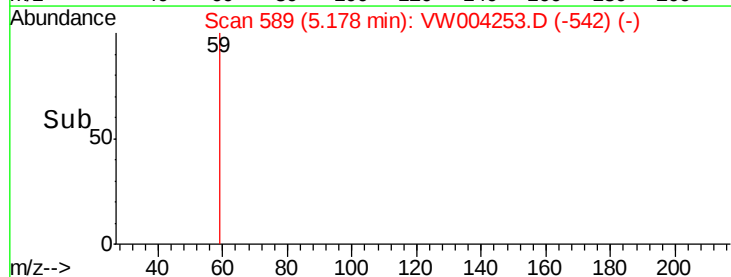
150

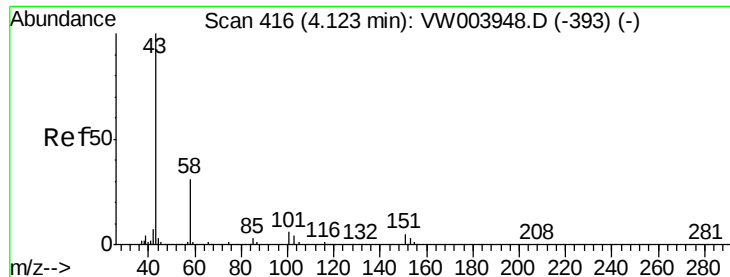
100

50

0

Time--> 5.16 5.18 5.20





#16

Acetone

Concen: 20.006 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.00 min

Lab File: VW004253.D

Acq: 27 Jul 2018 05:27

Instrument :

MSVOA_W

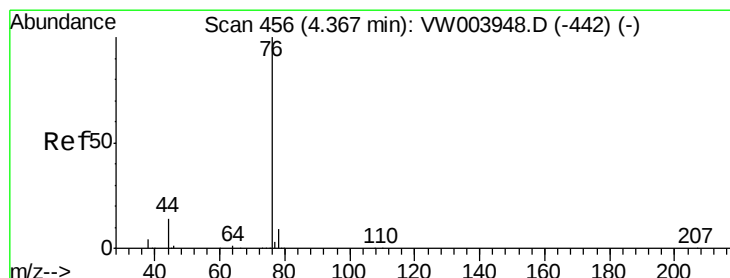
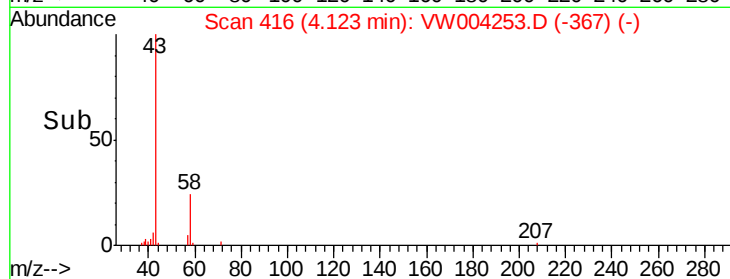
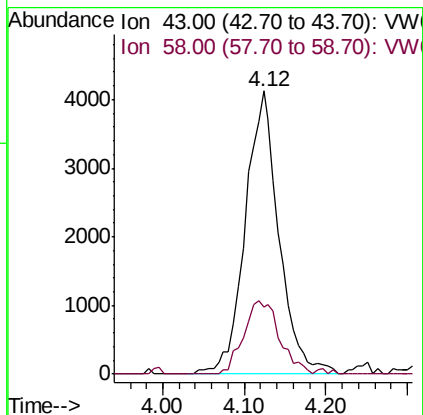
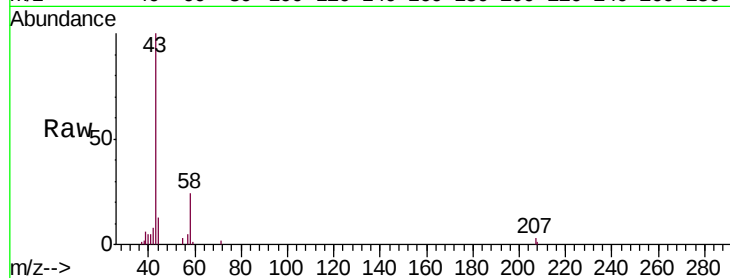
ClientSampleId :

Tot Ion: 43 Resp: 11857

Ion Ratio Lower Upper

43 100

58 23.8 24.5 36.7#



#17

Carbon Disulfide

Concen: 1.158 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.01 min

Lab File: VW004253.D

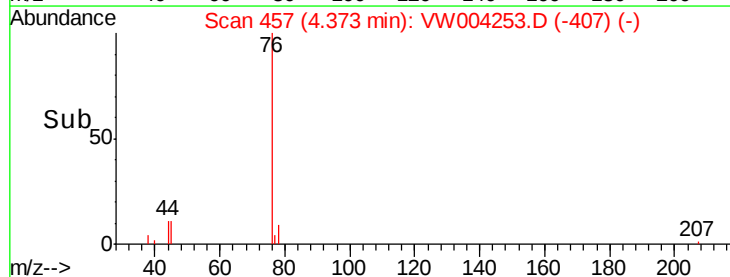
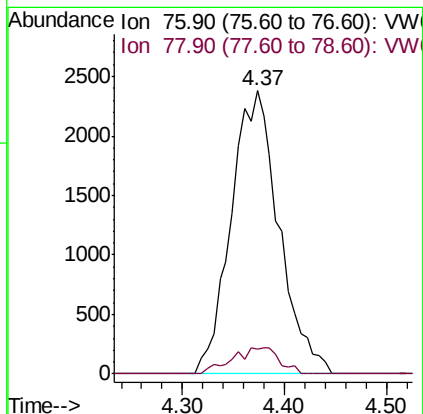
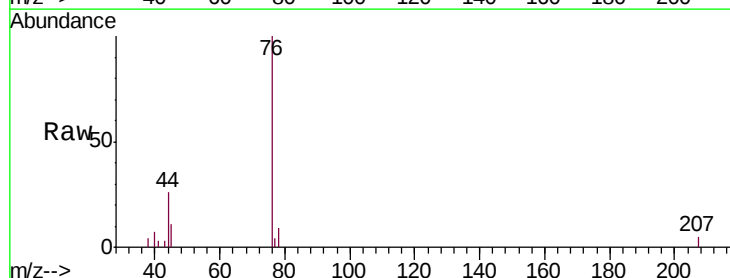
Acq: 27 Jul 2018 05:27

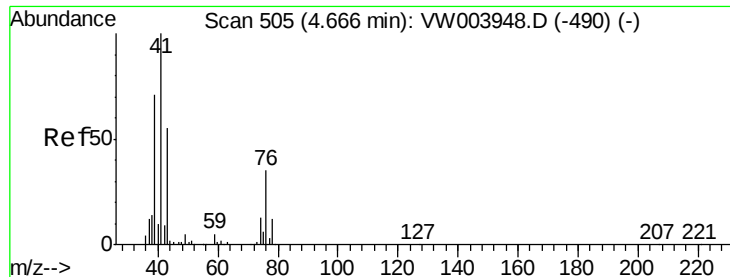
Tgt Ion: 76 Resp: 7752

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7

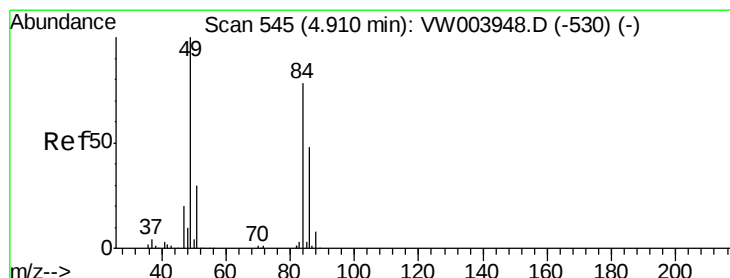
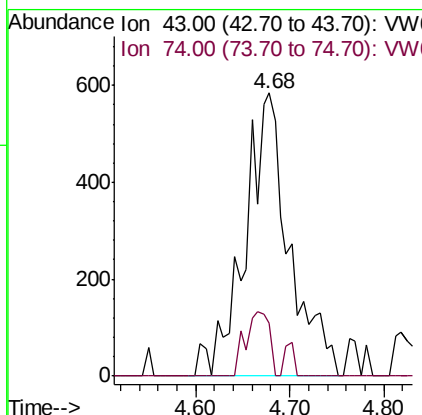
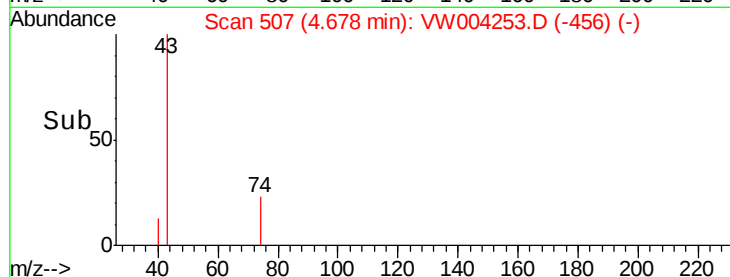
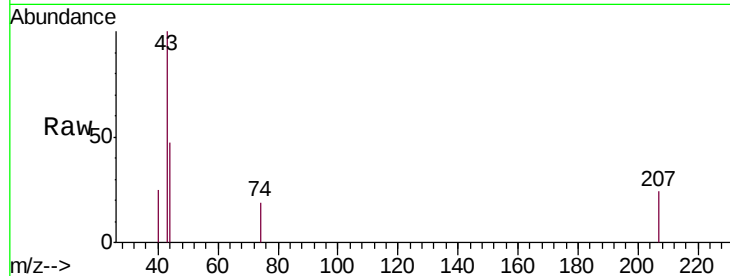




#18
Methyl Acetate
Concen: 1.345 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.01 min
Lab File: VW004253.D
Acq: 27 Jul 2018 05:27

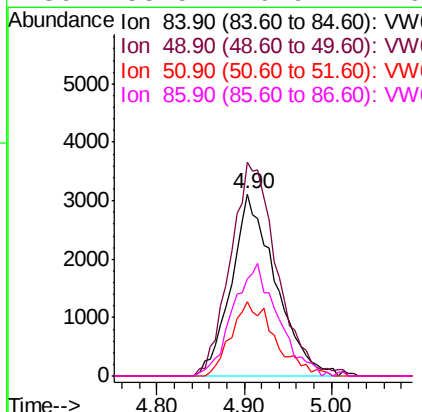
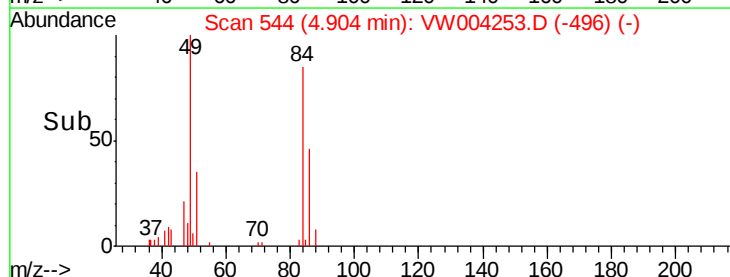
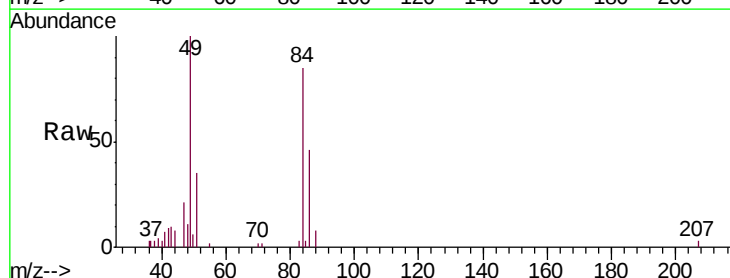
Instrument :
MSVOA_W
ClientSampled :

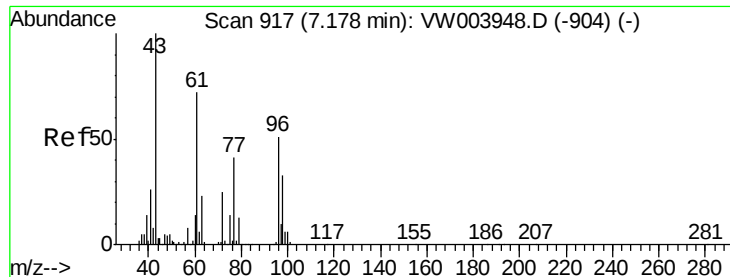
Tot Ion: 43 Resp: 1914
Ion Ratio Lower Upper
43 100
74 12.1 17.7 26.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW004253.D
Acq: 27 Jul 2018 05:27

Tgt Ion: 84 Resp: 10967
Ion Ratio Lower Upper
84 100
49 117.4 102.9 154.3
51 41.0 30.9 46.3
86 53.5 49.9 74.9

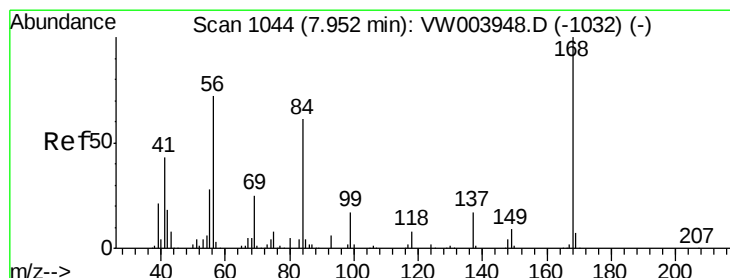
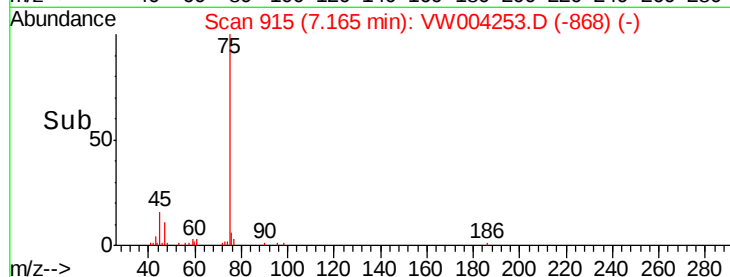
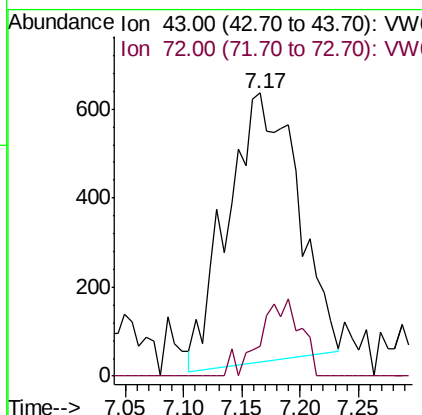
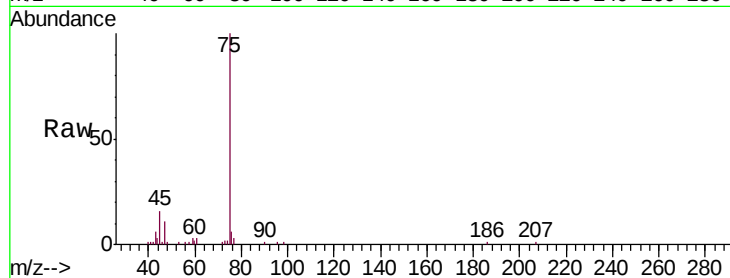




#25
2-Butanone
Concen: 3.161 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW004253.D
Acq: 27 Jul 2018 05:27

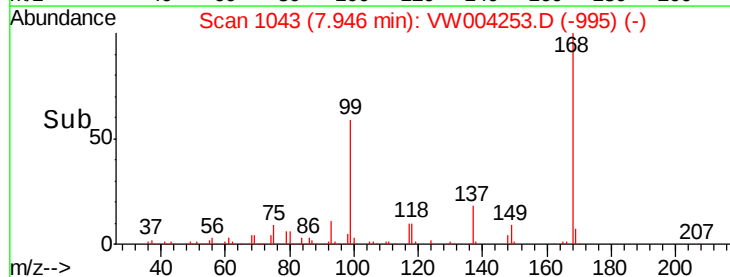
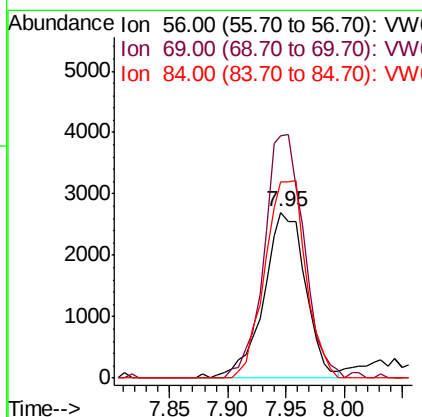
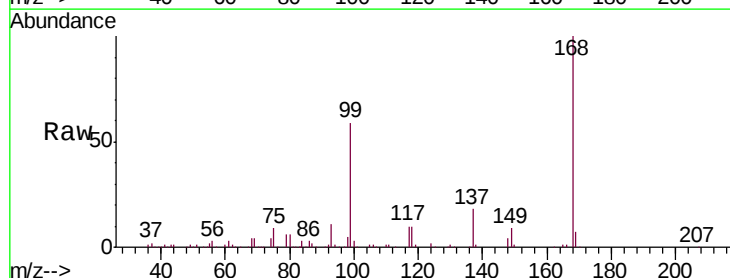
Instrument :
MSVOA_W
ClientSampleId :

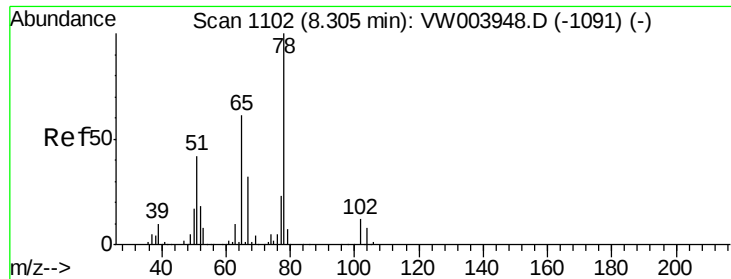
Tot Ion: 43 Resp: 2521
Ion Ratio Lower Upper
43 100
72 11.6 19.8 29.6#



#31
Cyclohexane
Concen: 1.640 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW004253.D
Acq: 27 Jul 2018 05:27

Tgt Ion: 56 Resp: 6709
Ion Ratio Lower Upper
56 100
69 146.1 27.8 41.8#
84 117.9 67.2 100.8#

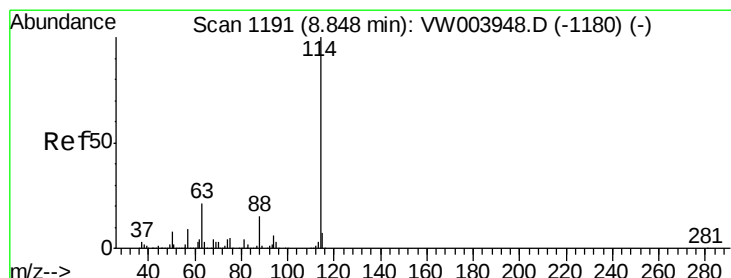
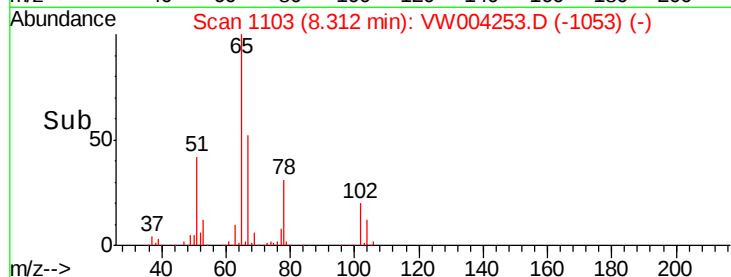
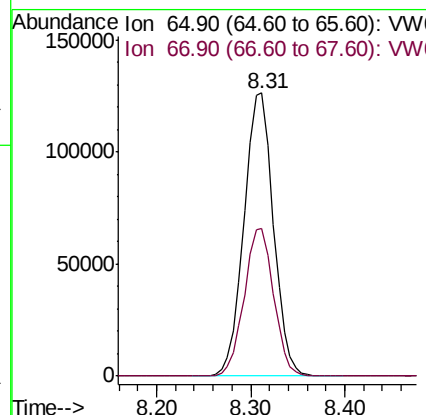
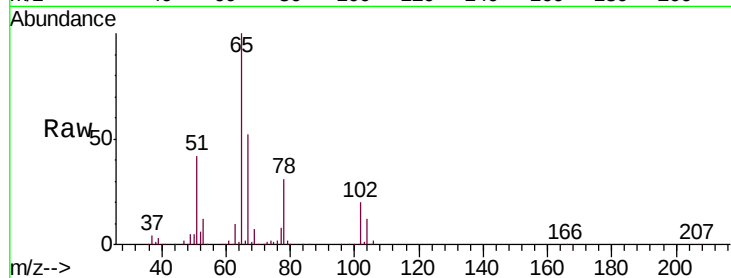




#33
 1,2-Dichloroethane-d4
 Concen: 111.261 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW004253.D
 Acq: 27 Jul 2018 05:27

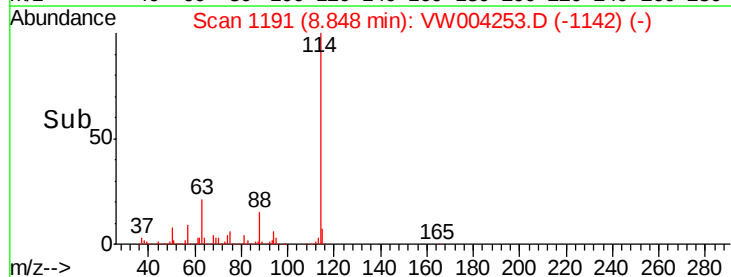
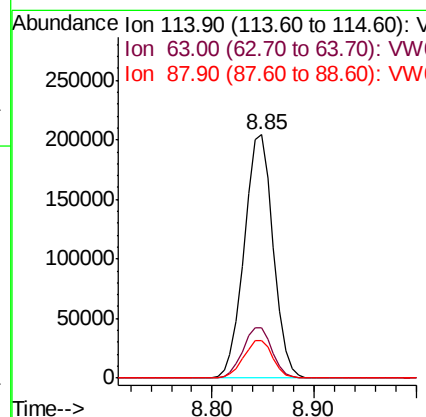
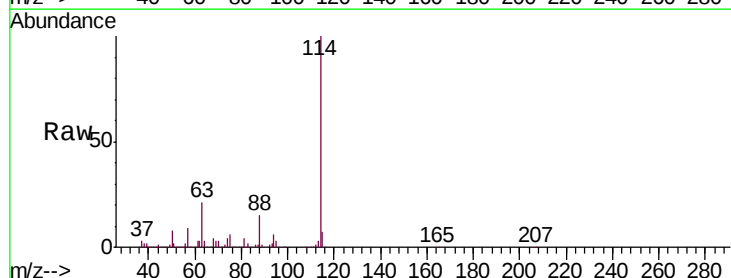
Instrument :
 MSVOA_W
 ClientSampled :

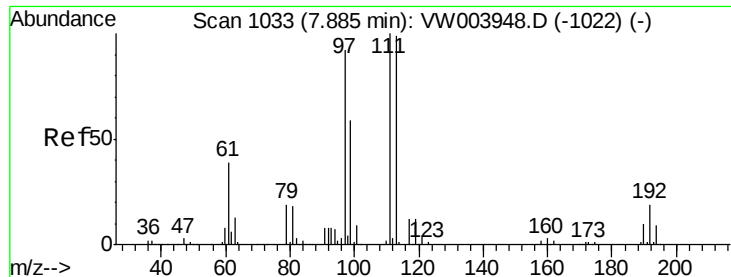
Tot Ion: 65 Resp: 274415
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004253.D
 Acq: 27 Jul 2018 05:27

Tgt Ion: 114 Resp: 402395
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.8
 88 15.4 0.0 30.4

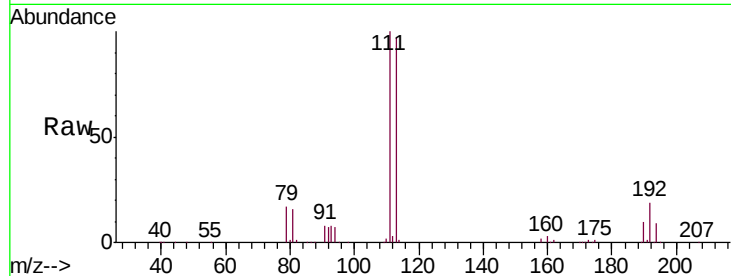




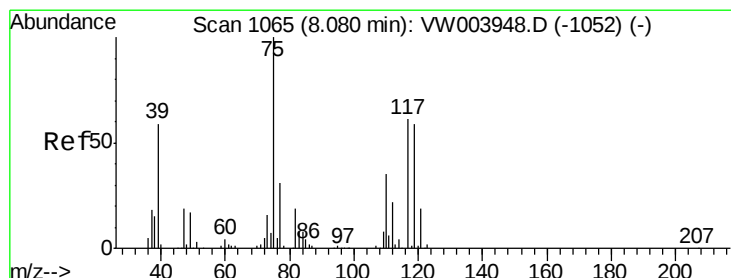
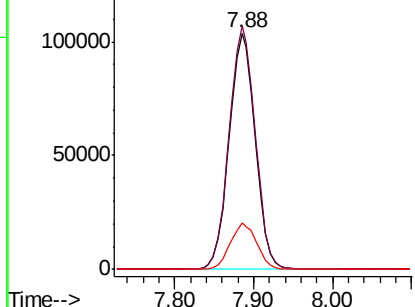
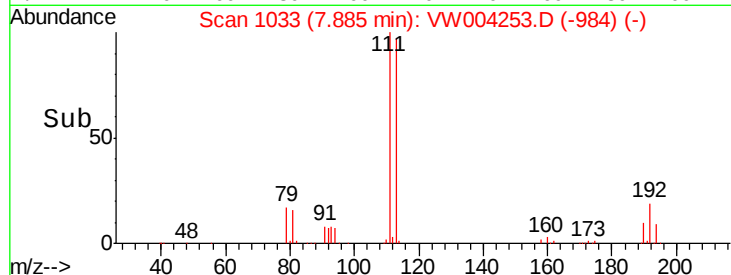
#35
 Dibromofluoromethane
 Concen: 92.217 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004253.D
 Acq: 27 Jul 2018 05:27

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.3	121.9
192	19.9	15.8	23.6

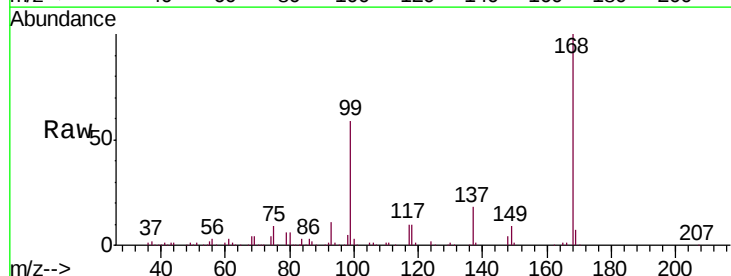


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

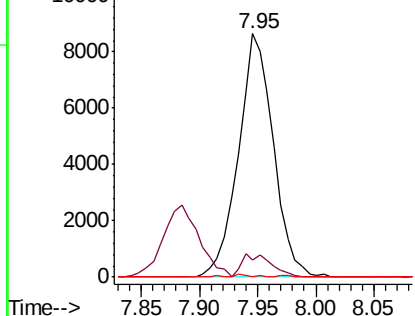
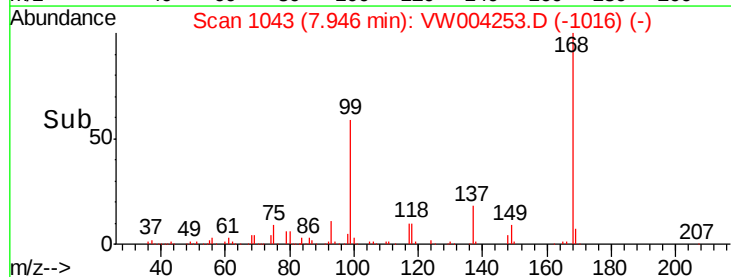


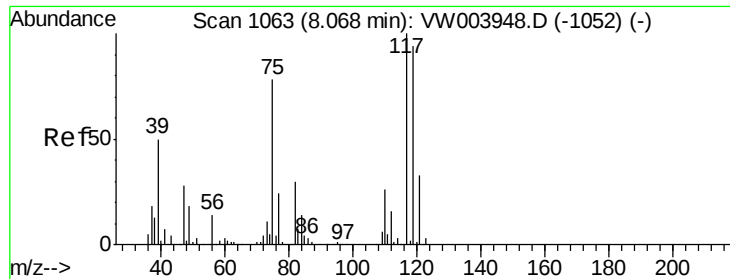
#36
 1,1-Dichloropropene
 Concen: 4.364 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW004253.D
 Acq: 27 Jul 2018 05:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.0	17.0	51.0#
77	0.0	24.9	37.3#



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 5.659 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004253.D

Acq: 27 Jul 2018 05:27

Instrument :

MSVOA_W

ClientSampled :

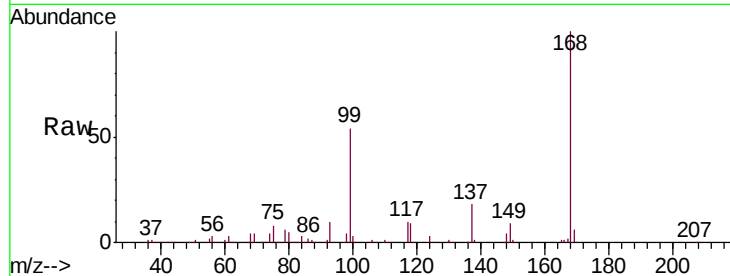
Tot Ion:117 Resp: 21890

Ion Ratio Lower Upper

117 100

119 4.9 75.3 112.9#

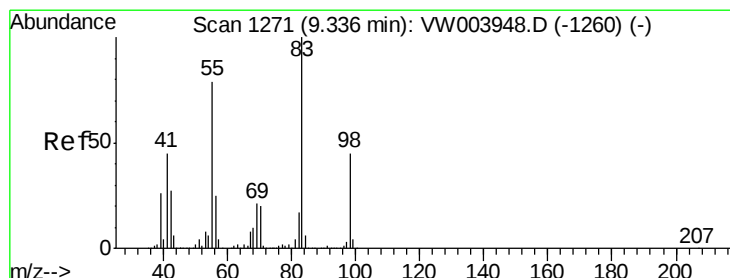
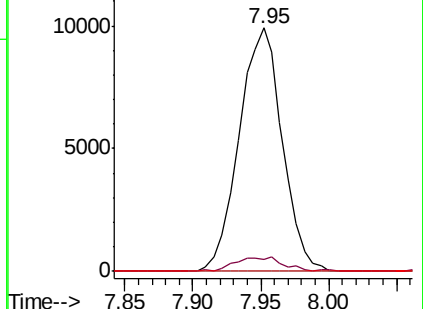
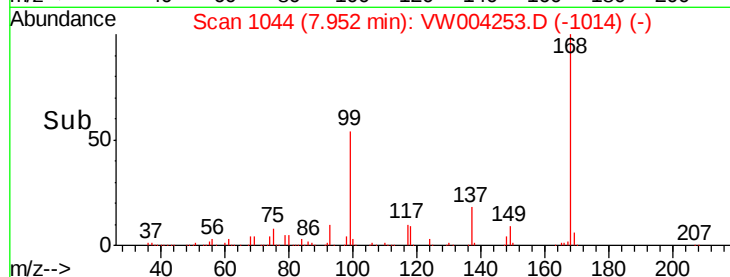
121 0.0 26.0 39.0#



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: 1.361 ug/l

RT: 9.34 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VW004253.D

Acq: 27 Jul 2018 05:27

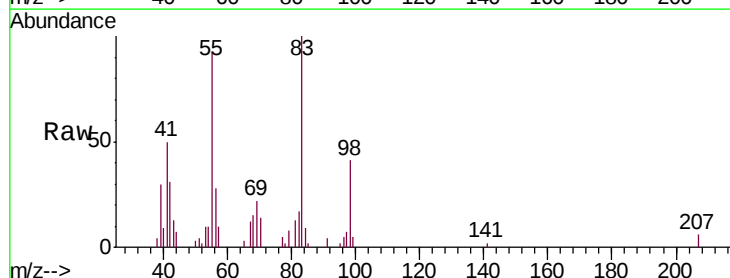
Tgt Ion: 83 Resp: 6599

Ion Ratio Lower Upper

83 100

55 90.6 62.8 94.2

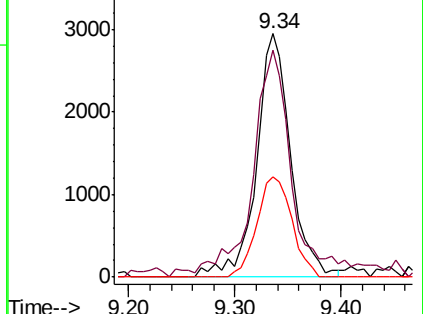
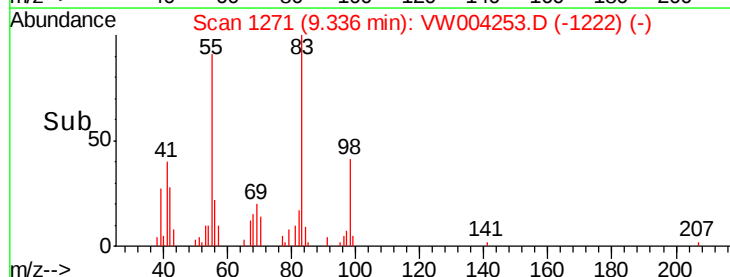
98 41.0 36.2 54.4

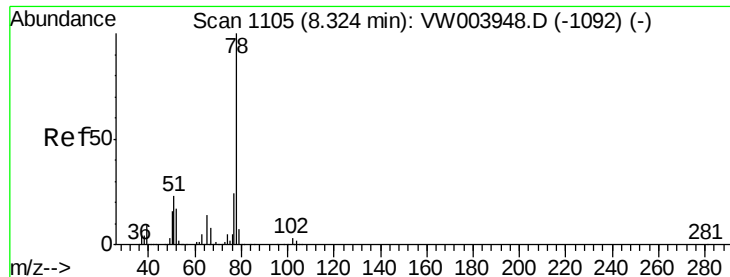


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

Benzene

Concen: 11.806 ug/l

RT: 8.32 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VW004253.D

Acq: 27 Jul 2018 05:27

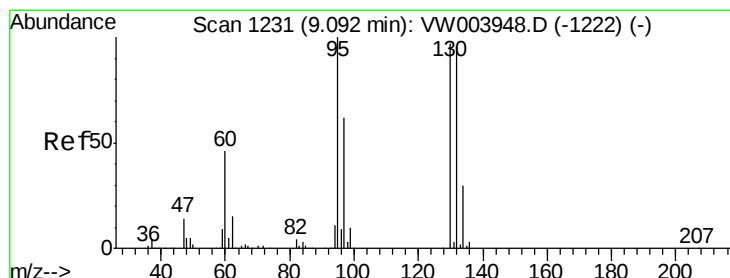
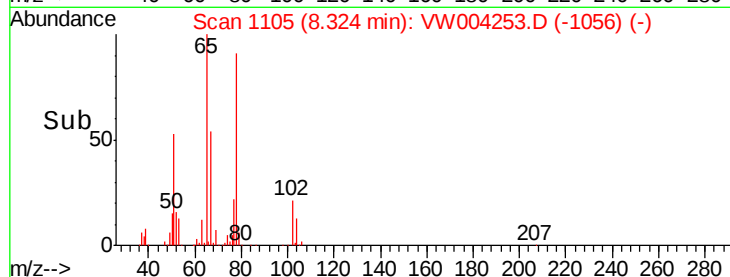
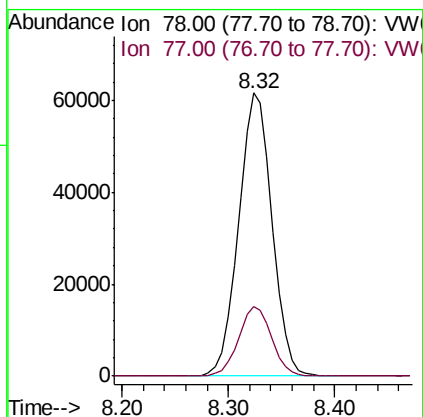
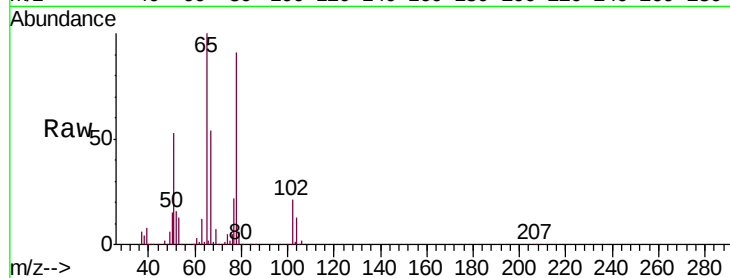
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 78 Resp: 135599

Ion Ratio Lower Upper

78 100

77 24.5 19.5 29.3



#44

Trichloroethene

Concen: 1.445 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VW004253.D

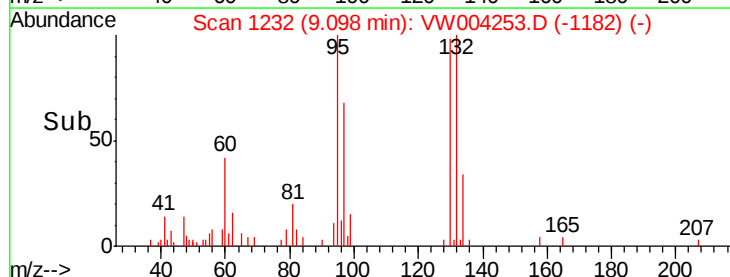
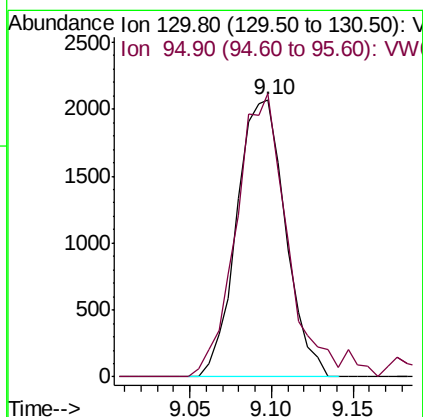
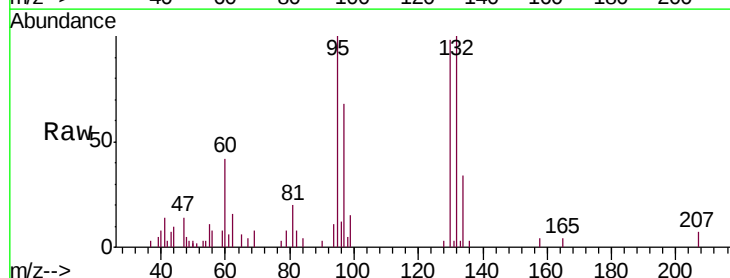
Acq: 27 Jul 2018 05:27

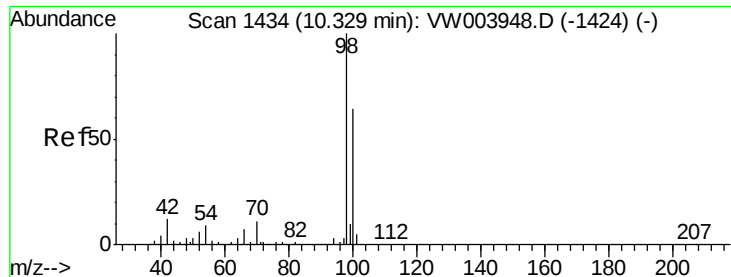
Tgt Ion:130 Resp: 4303

Ion Ratio Lower Upper

130 100

95 102.0 0.0 206.8

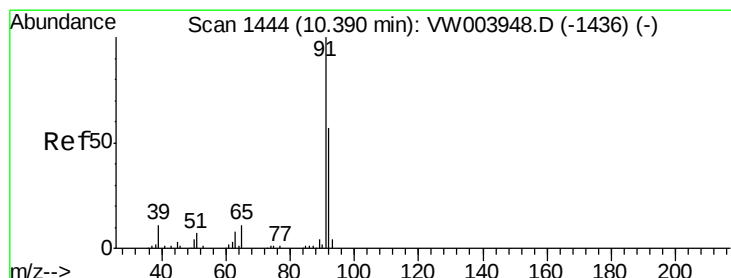
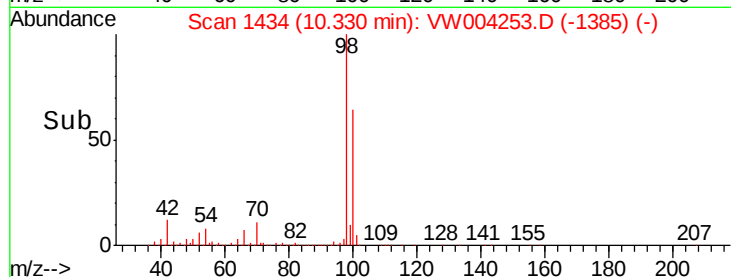
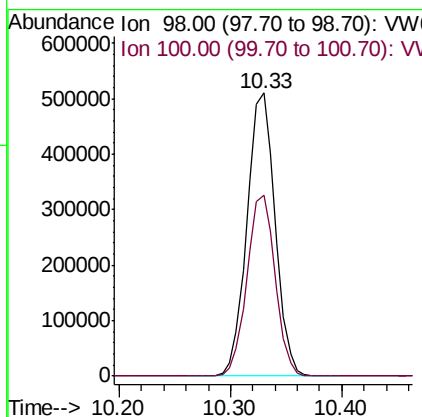
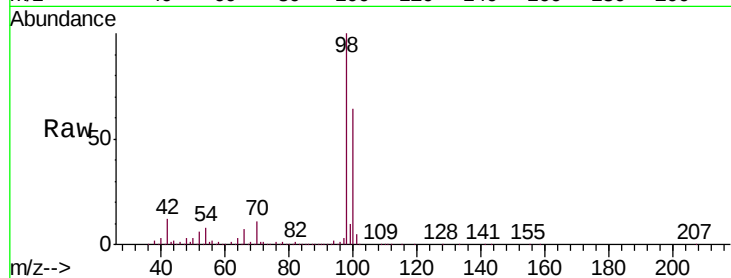




#50
Toluene-d8
Concen: 89.819 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004253.D
Acq: 27 Jul 2018 05:27

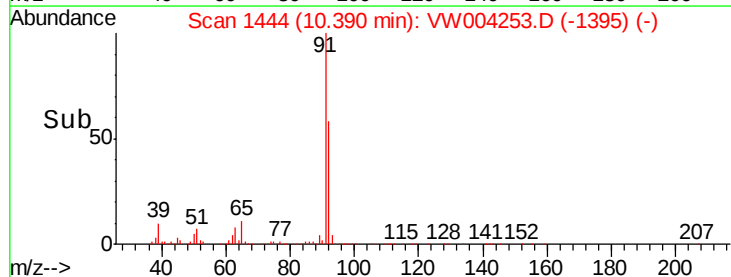
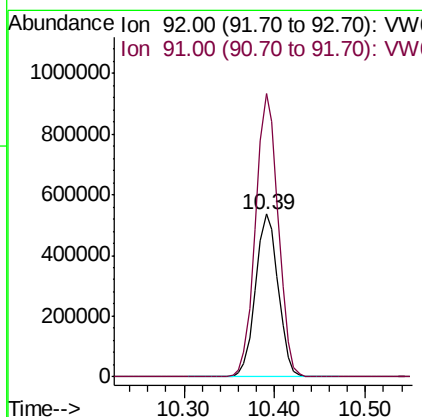
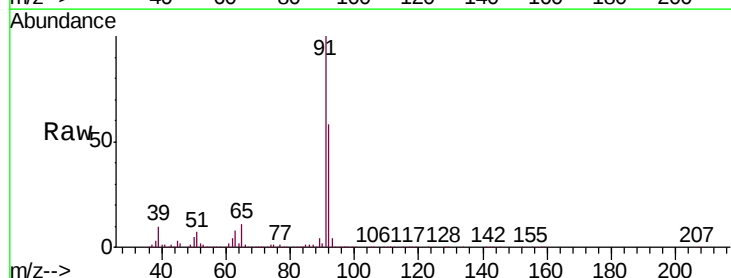
Instrument :
MSVOA_W
ClientSampleId :

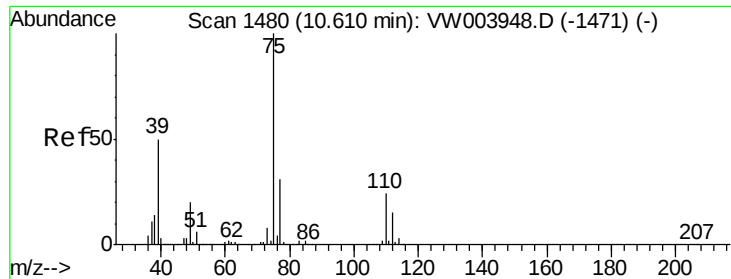
Tot Ion: 98 Resp: 899829
Ion Ratio Lower Upper
98 100
100 64.0 51.2 76.8



#52
Toluene
Concen: 130.482 ug/l
RT: 10.39 min Scan# 1444
Delta R.T. 0.00 min
Lab File: VW004253.D
Acq: 27 Jul 2018 05:27

Tgt Ion: 92 Resp: 926767
Ion Ratio Lower Upper
92 100
91 173.7 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 2.807 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.22 min

Lab File: VW004253.D

Acq: 27 Jul 2018 05:27

Instrument :

MSVOA_W

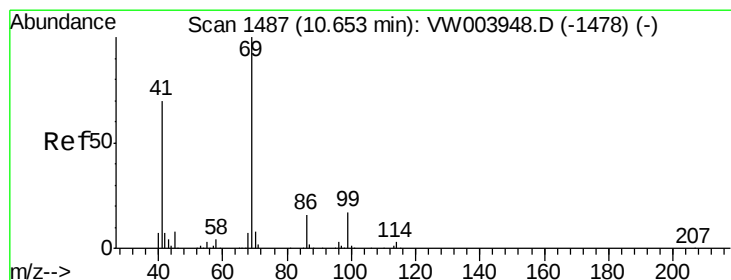
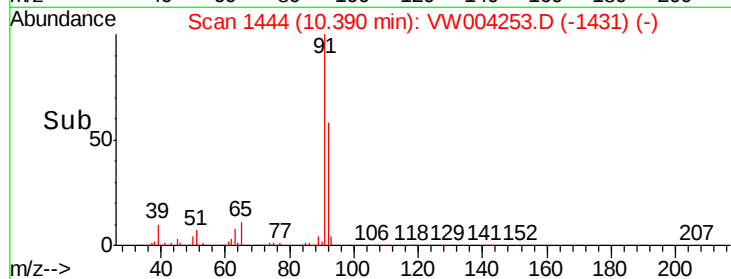
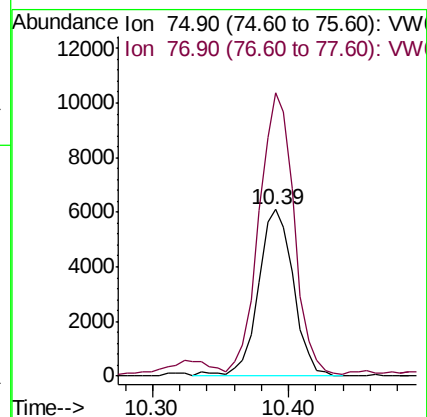
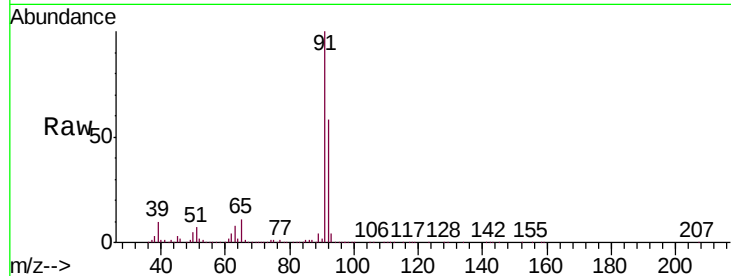
ClientSampled :

Tot Ion: 75 Resp: 11008

Ion Ratio Lower Upper

75 100

77 168.8 25.2 37.8#



#56

Ethyl methacrylate

Concen: 3.512 ug/l

RT: 10.65 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VW004253.D

Acq: 27 Jul 2018 05:27

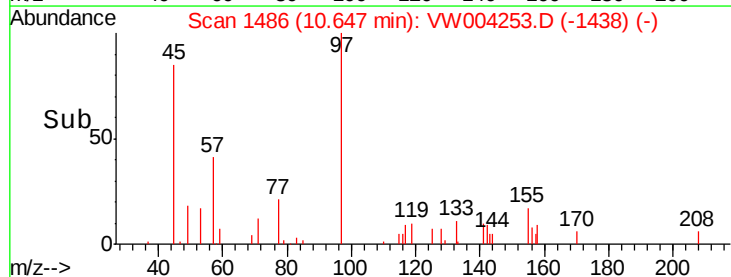
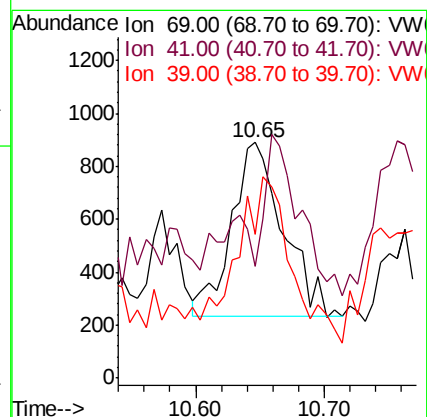
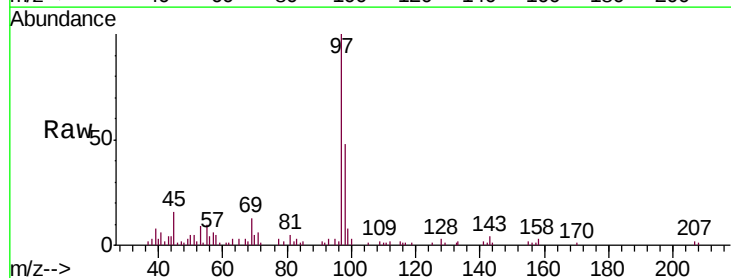
Tgt Ion: 69 Resp: 1840

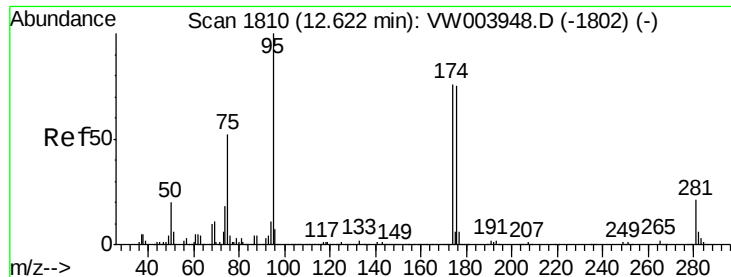
Ion Ratio Lower Upper

69 100

41 60.3 56.5 84.7

39 0.0 30.2 45.4#

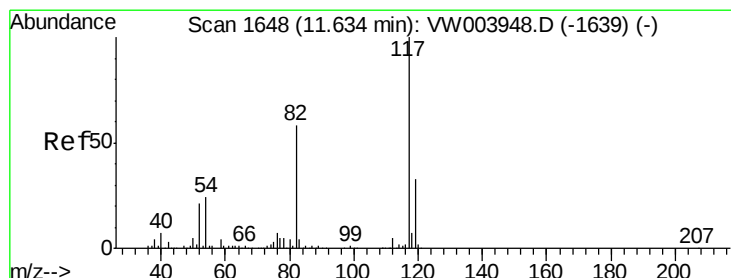
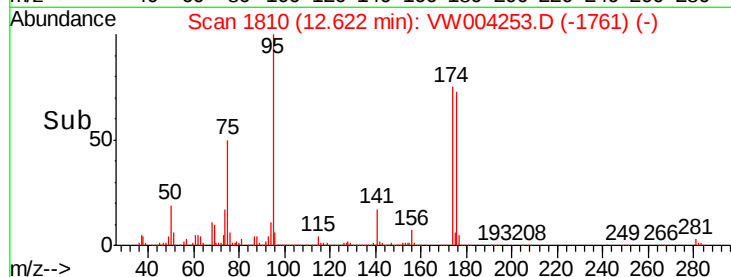
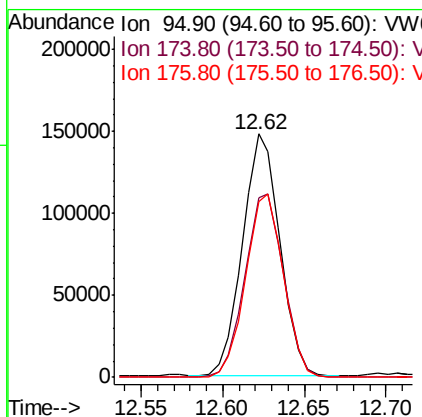
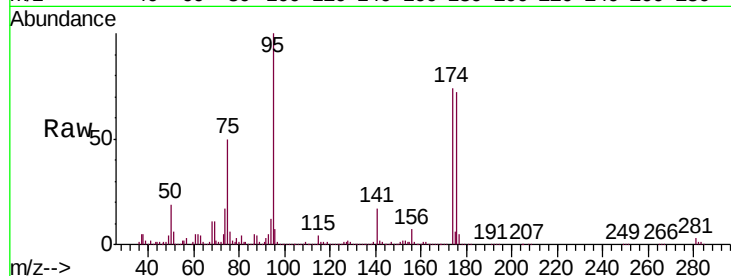




#62
4-Bromofluorobenzene
Concen: 65.071 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW004253.D
Acq: 27 Jul 2018 05:27

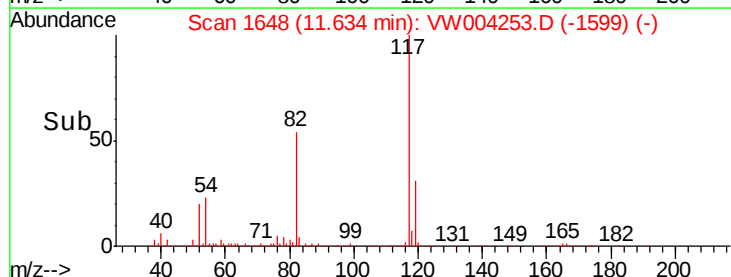
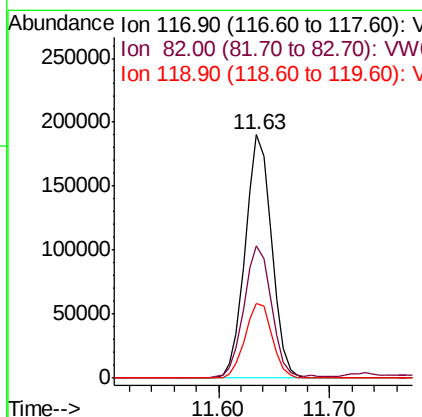
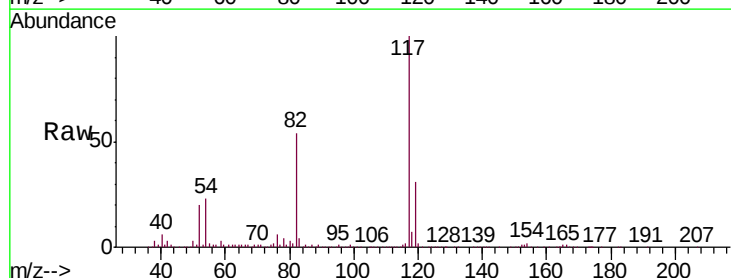
Instrument :
MSVOA_W
ClientSampleId :

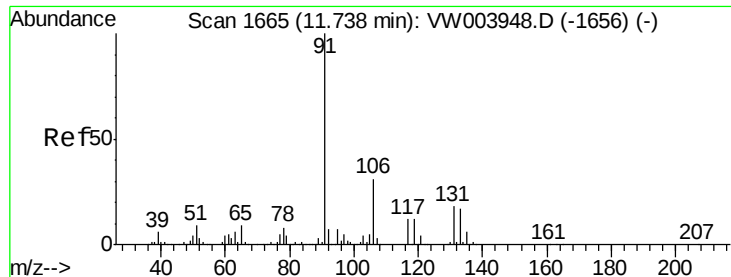
Tot Ion: 95 Resp: 235075
Ion Ratio Lower Upper
95 100
174 78.7 0.0 160.2
176 76.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004253.D
Acq: 27 Jul 2018 05:27

Tgt Ion: 117 Resp: 313444
Ion Ratio Lower Upper
117 100
82 54.3 46.5 69.7
119 30.9 26.2 39.2

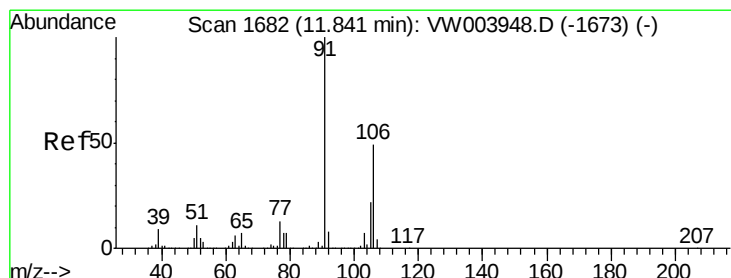
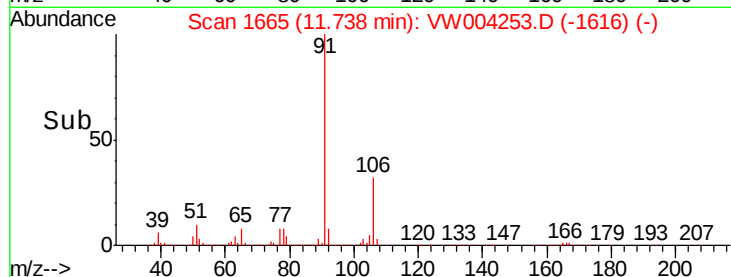
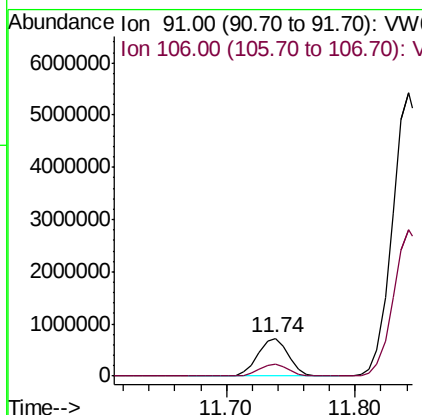
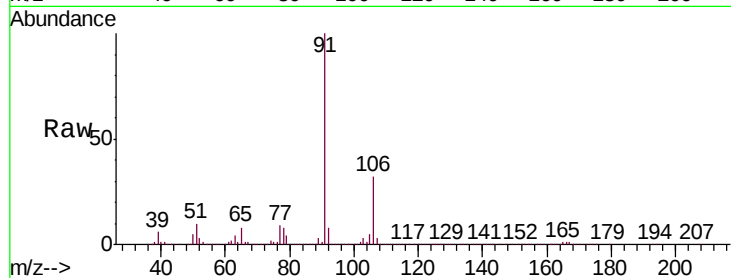




#67
Ethyl Benzene
Concen: 100.838 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004253.D
Acq: 27 Jul 2018 05:27

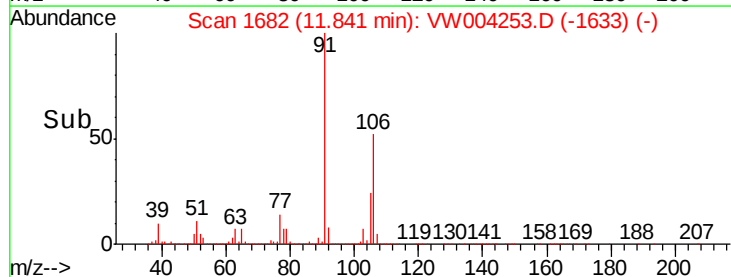
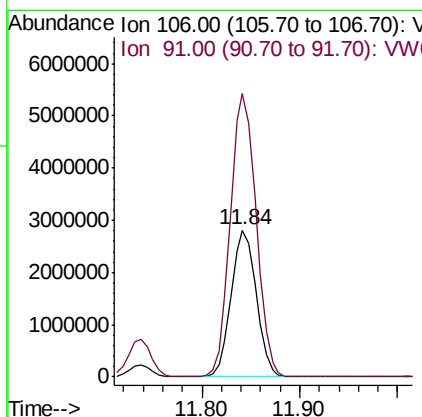
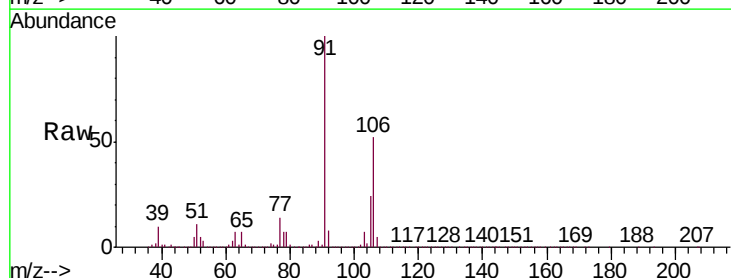
Instrument :
MSVOA_W
ClientSampled :

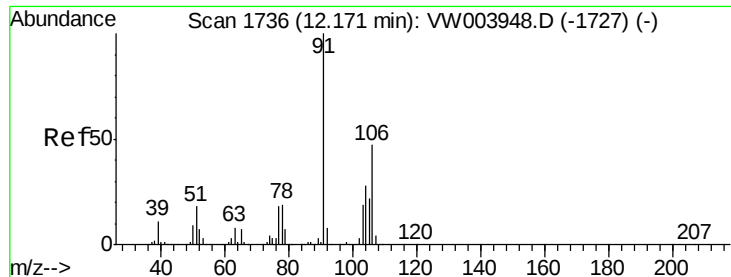
Tot Ion: 91 Resp: 1180637
Ion Ratio Lower Upper
91 100
106 32.2 25.0 37.4



#68
m/p-Xylenes
Concen: 1117.380 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VW004253.D
Acq: 27 Jul 2018 05:27

Tgt Ion: 106 Resp: 5000226
Ion Ratio Lower Upper
106 100
91 198.5 164.2 246.2

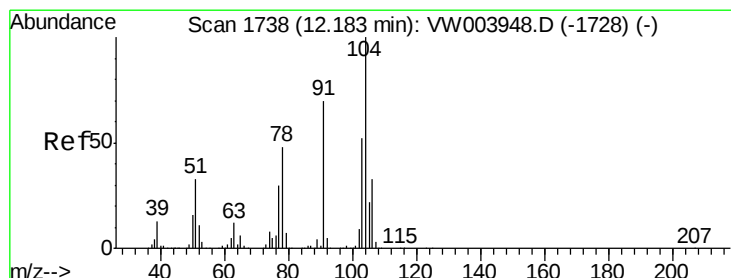
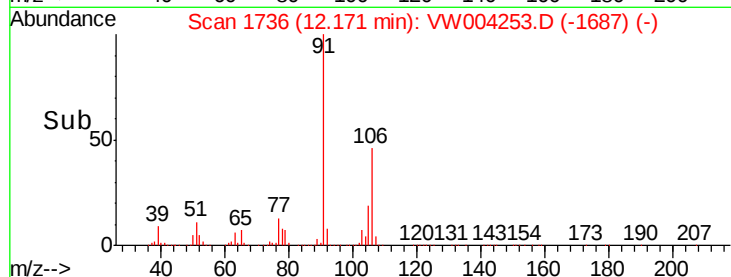
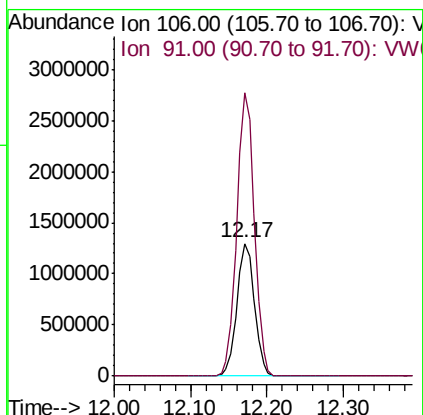
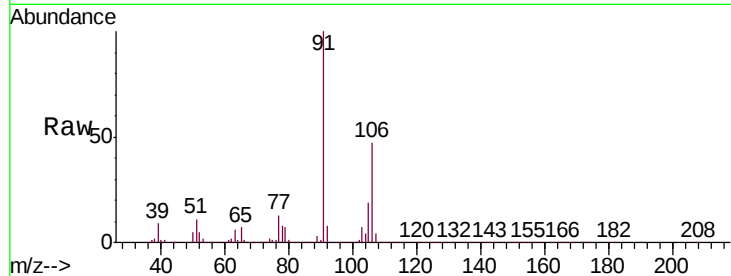




#69
o-Xylene
Concen: 492.495 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004253.D
Acq: 27 Jul 2018 05:27

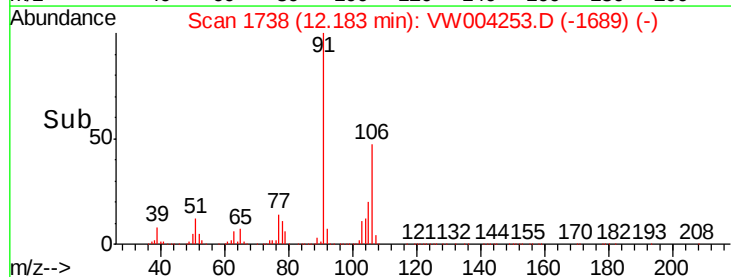
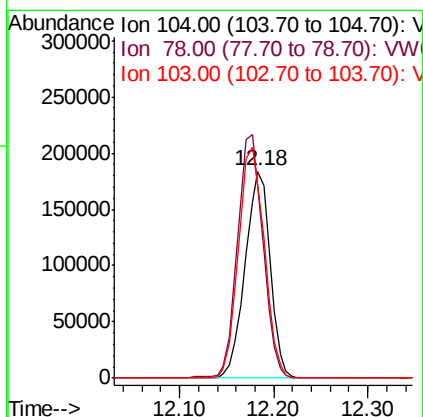
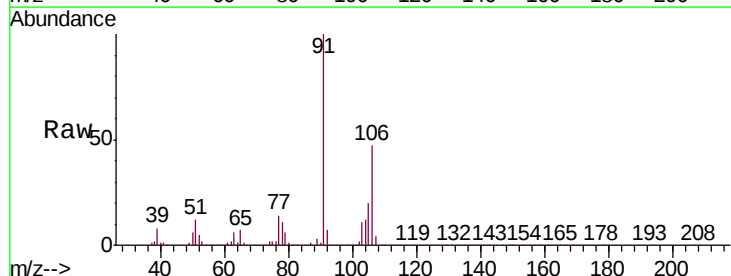
Instrument :
MSVOA_W
ClientSampleId :

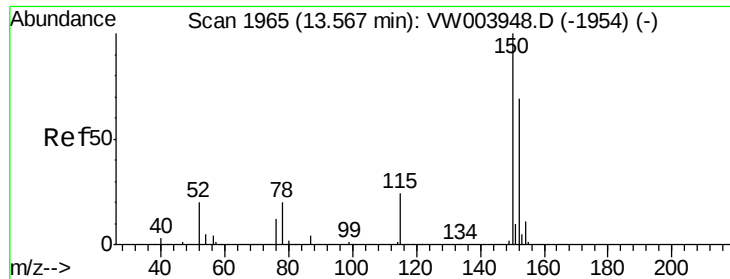
Tot Ion:106 Resp: 2044386
Ion Ratio Lower Upper
106 100
91 215.0 107.5 322.6



#70
Styrene
Concen: 49.585 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VW004253.D
Acq: 27 Jul 2018 05:27

Tgt Ion:104 Resp: 343796
Ion Ratio Lower Upper
104 100
78 119.1 41.0 61.4#
103 114.6 44.6 67.0#



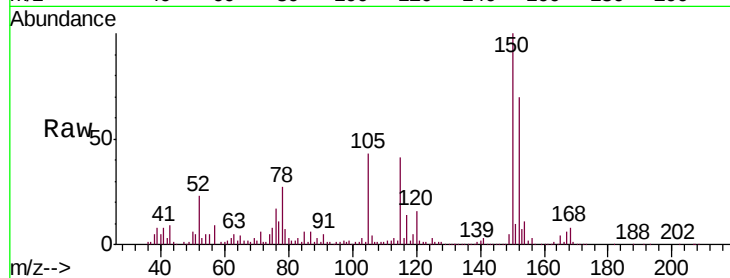


#72

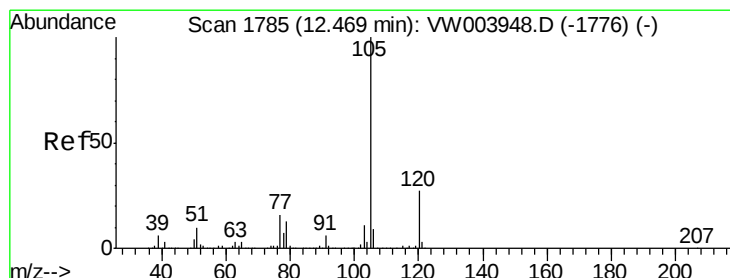
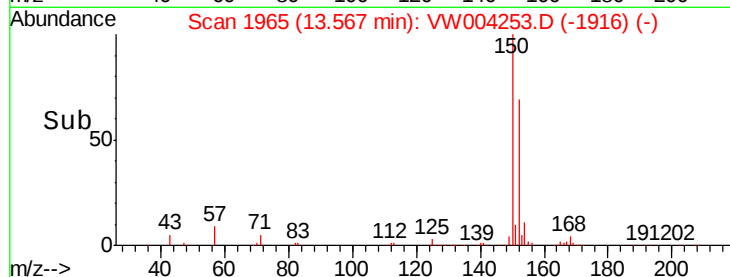
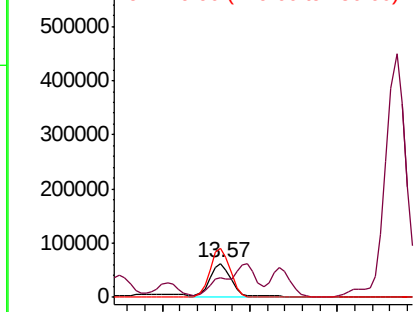
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004253.D
Acq: 27 Jul 2018 05:27

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:152 Resp: 107803
Ion Ratio Lower Upper
152 100
115 0.0 29.2 87.6#
150 133.9 0.0 345.2



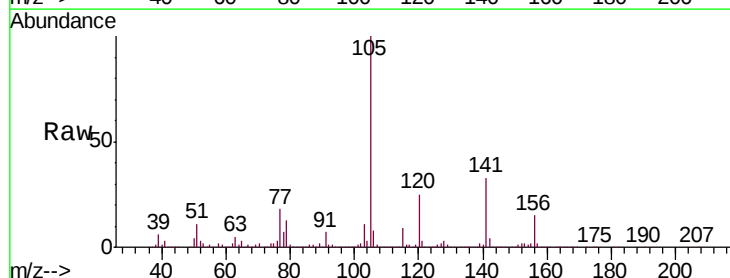
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



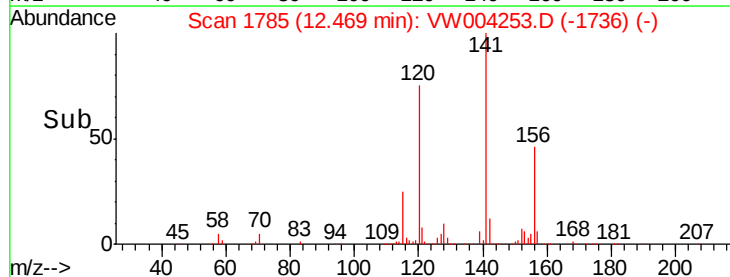
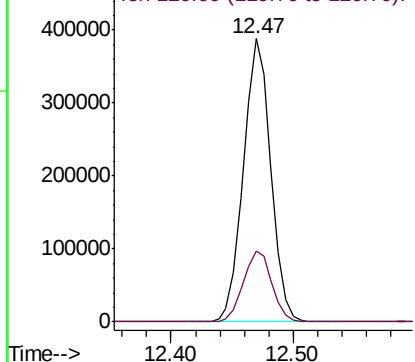
#73

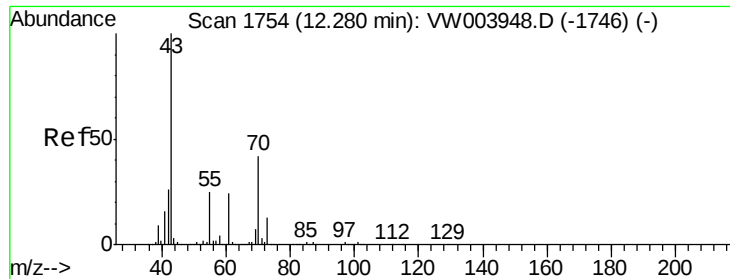
Isopropylbenzene
Concen: 78.843 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VW004253.D
Acq: 27 Jul 2018 05:27

Tgt Ion:105 Resp: 600592
Ion Ratio Lower Upper
105 100
120 26.0 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

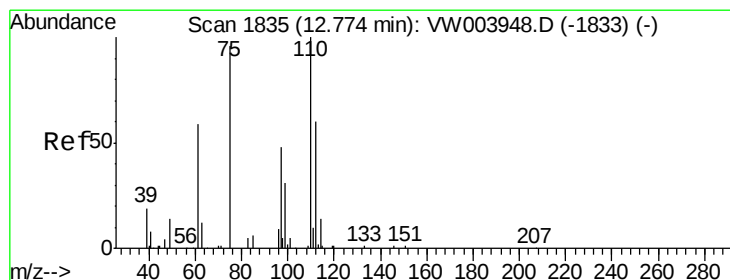
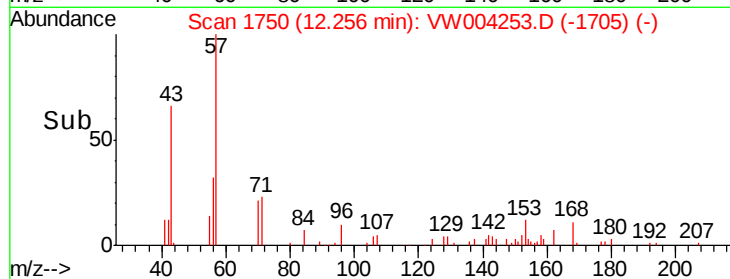
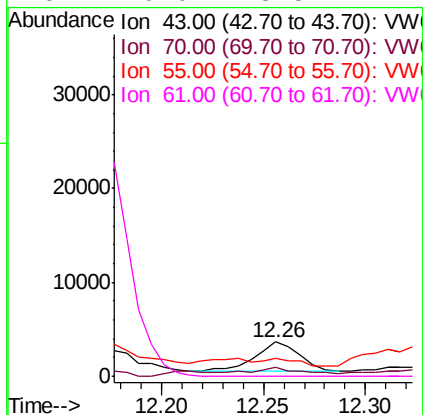
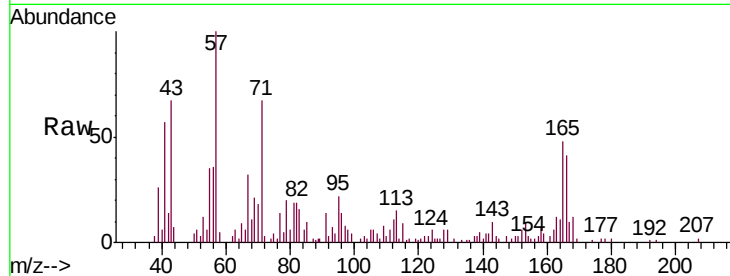




#74
N-amvl acetate
Concen: 2.391 ug/l
RT: 12.26 min Scan# 1750
Delta R.T. -0.02 min
Lab File: VW004253.D
Acq: 27 Jul 2018 05:27

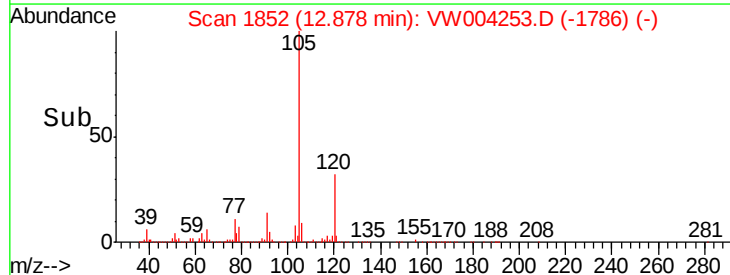
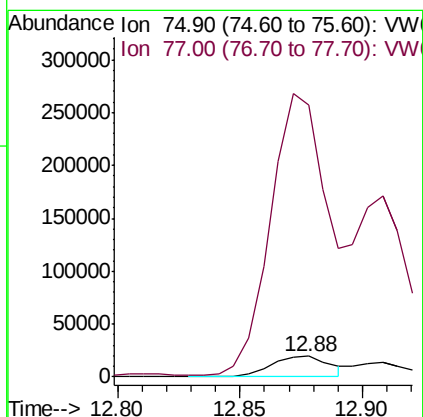
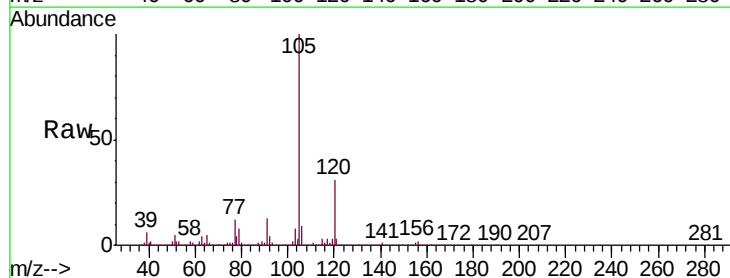
Instrument :
MSVOA_W
ClientSampleId :

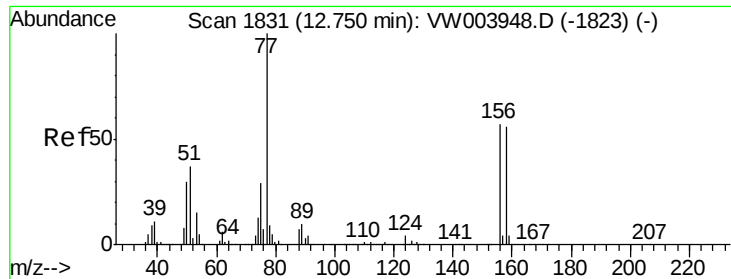
Tot Ion: 43 Resp: 4746
Ion Ratio Lower Upper
43 100
70 0.0 31.6 47.4#
55 11.7 20.0 30.0#
61 0.0 18.5 27.7#



#76
1,2,3-Trichloropropane
Concen: 29.957 ug/l
RT: 12.88 min Scan# 1852
Delta R.T. 0.10 min
Lab File: VW004253.D
Acq: 27 Jul 2018 05:27

Tgt Ion: 75 Resp: 32061
Ion Ratio Lower Upper
75 100
77 1334.3 0.0 0.0#





#77

Bromobenzene

Concen: 324.476 ug/l

RT: 12.94 min Scan# 1863

Delta R.T. 0.20 min

Lab File: VW004253.D

Acq: 27 Jul 2018 05:27

Instrument :

MSVOA_W

ClientSampled :

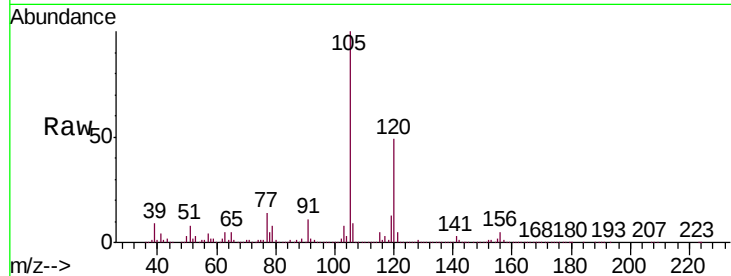
Tot Ion:156 Resp: 591445

Ion Ratio Lower Upper

156 100

77 80.5 96.2 288.6#

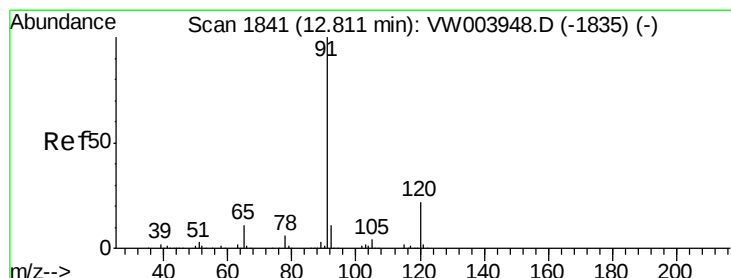
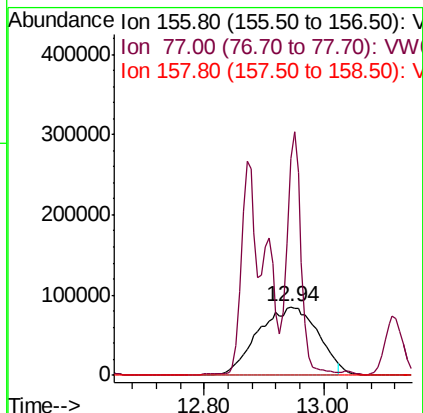
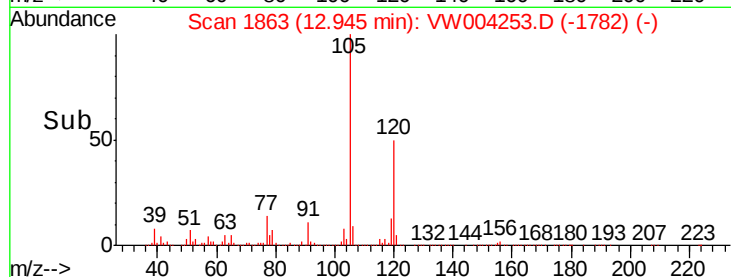
158 0.6 48.5 145.5#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 8.010 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW004253.D

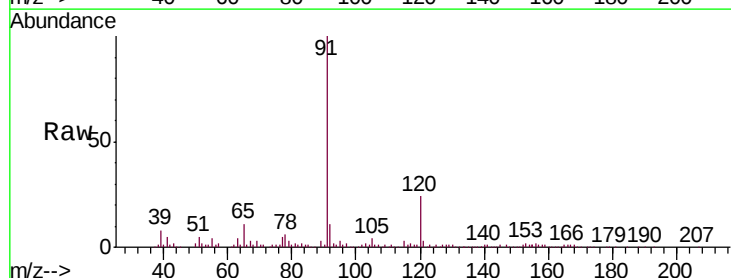
Acq: 27 Jul 2018 05:27

Tgt Ion: 91 Resp: 74855

Ion Ratio Lower Upper

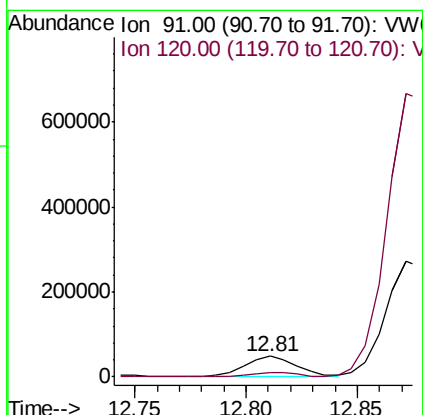
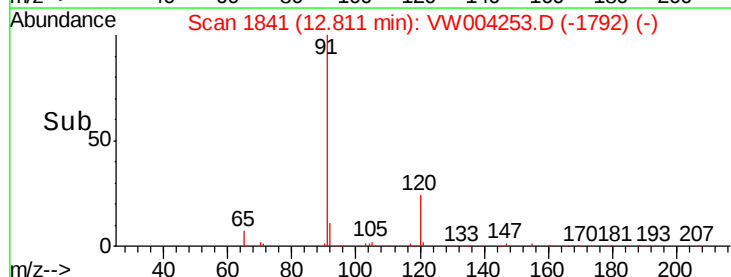
91 100

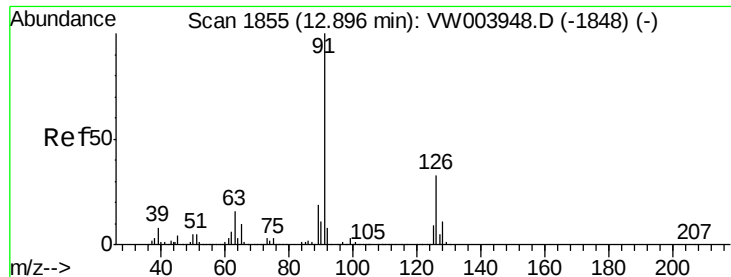
120 0.0 11.2 33.6#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

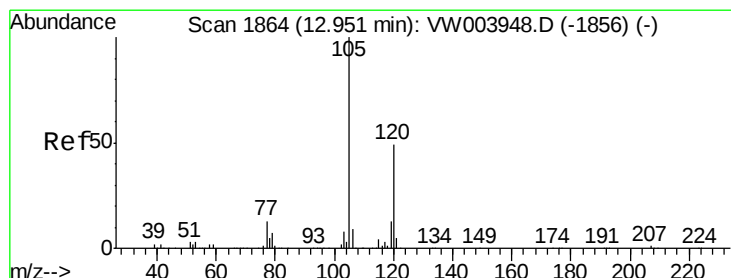
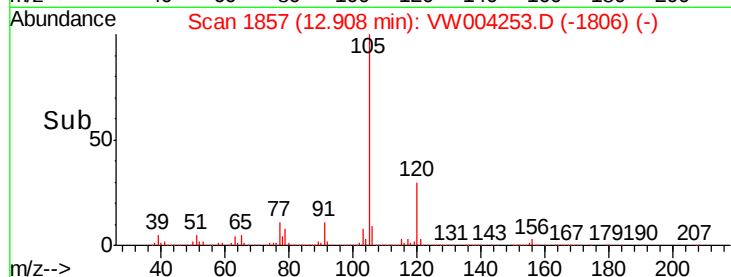
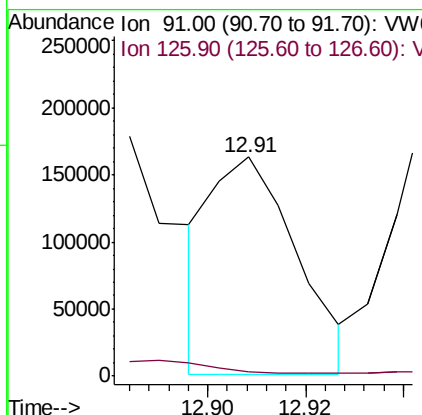
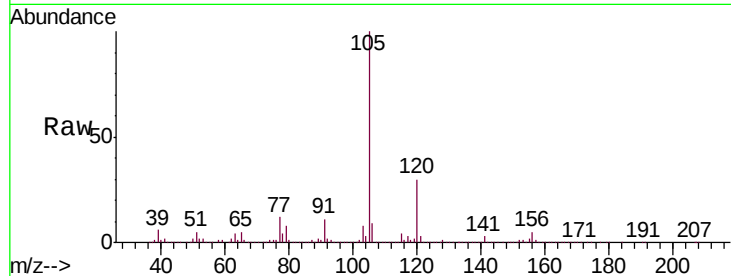




#79
 2-Chlorotoluene
 Concen: 37.253 ug/l
 RT: 12.91 min Scan# 1857
 Delta R.T. 0.01 min
 Lab File: VW004253.D
 Acq: 27 Jul 2018 05:27

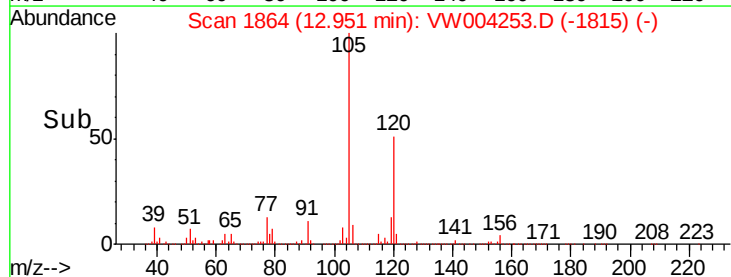
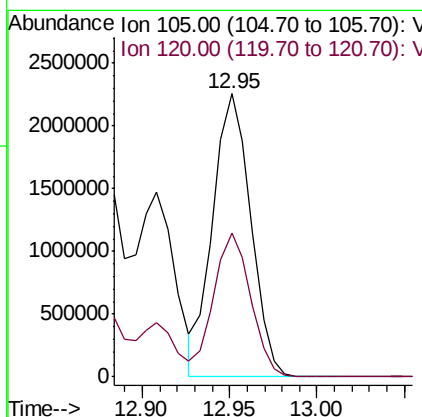
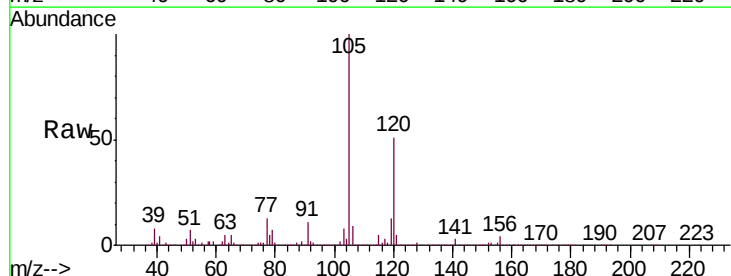
Instrument :
 MSVOA_W
 ClientSampled :

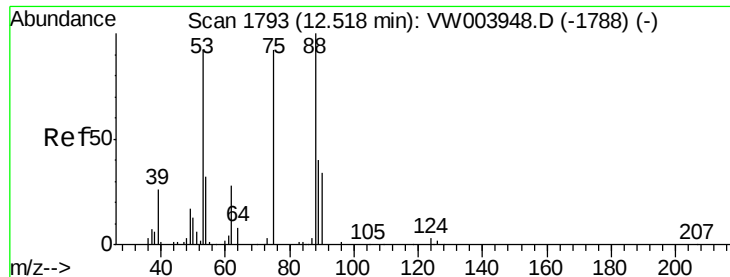
Tot Ion: 91 Resp: 196354
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.0 51.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 532.507 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW004253.D
 Acq: 27 Jul 2018 05:27

Tgt Ion:105 Resp: 3413671
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 66.967 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.05 min

Lab File: VW004253.D

Acq: 27 Jul 2018 05:27

Instrument :

MSVOA_W

ClientSampleId :

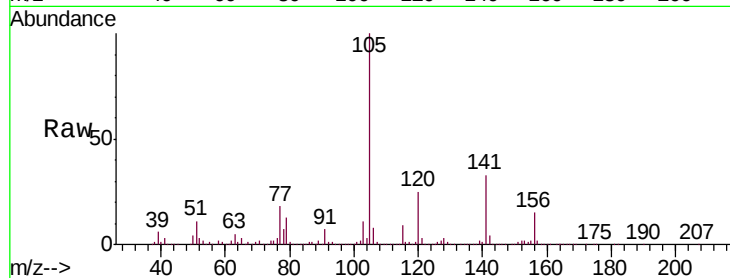
Tot Ion: 75 Resp: 32401

Ion Ratio Lower Upper

75 100

53 27.1 77.6 116.4#

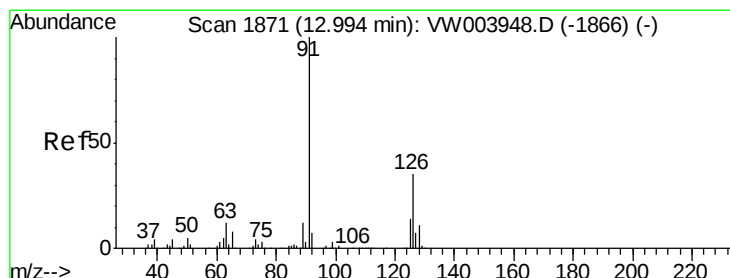
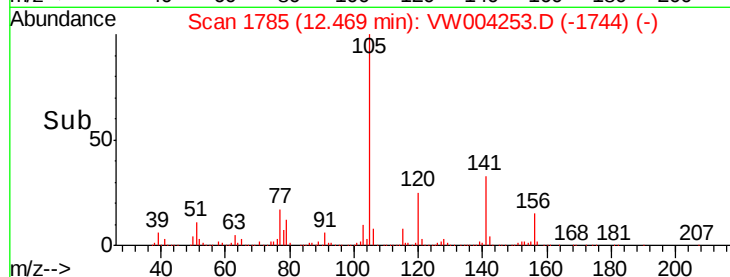
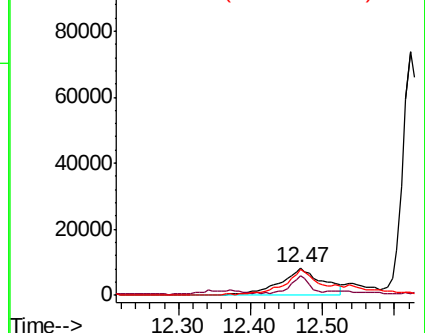
89 71.0 36.6 54.8#



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: 64.111 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.04 min

Lab File: VW004253.D

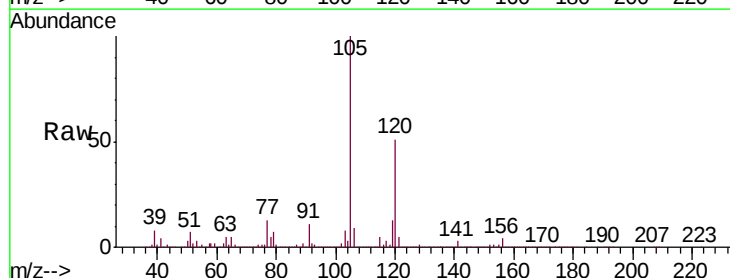
Acq: 27 Jul 2018 05:27

Tgt Ion: 91 Resp: 362639

Ion Ratio Lower Upper

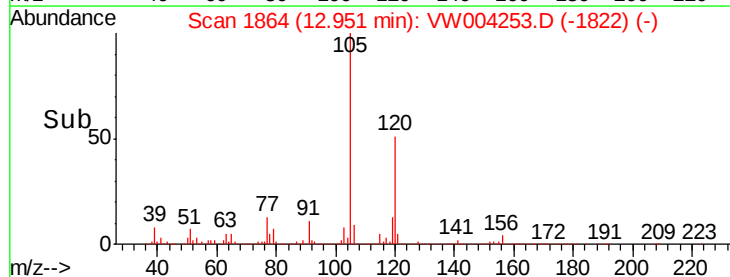
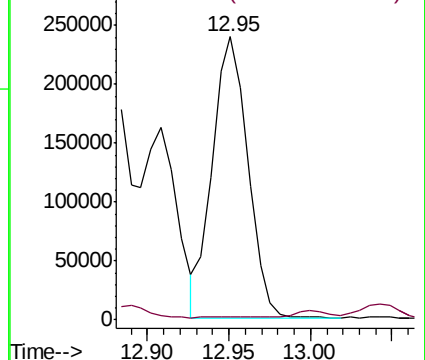
91 100

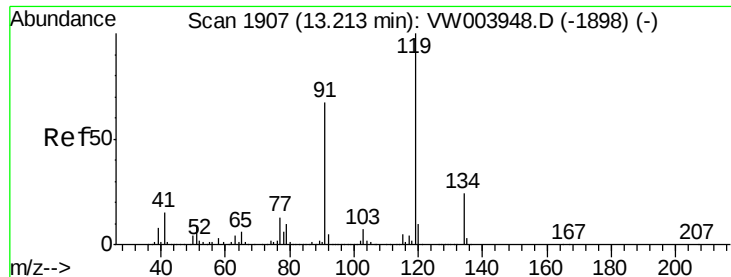
126 0.0 16.7 50.0#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

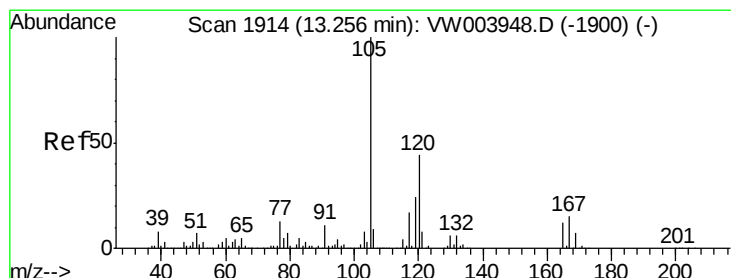
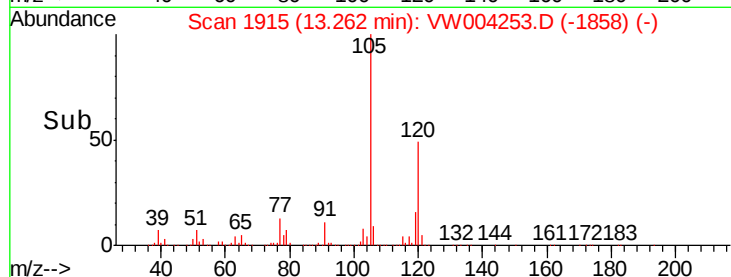
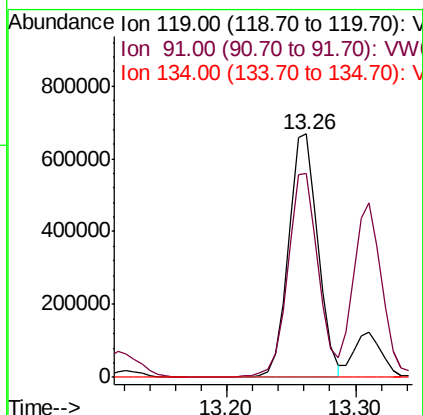
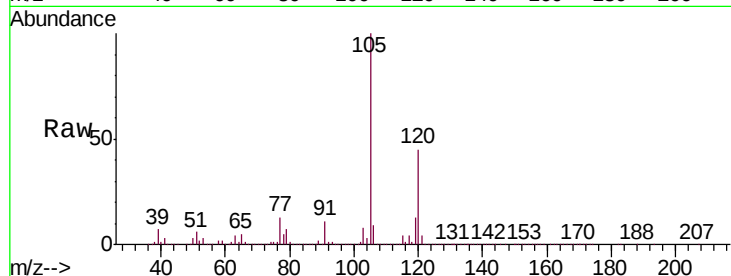




#83
tert-Butylbenzene
Concen: 196.341 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.05 min
Lab File: VW004253.D
Acq: 27 Jul 2018 05:27

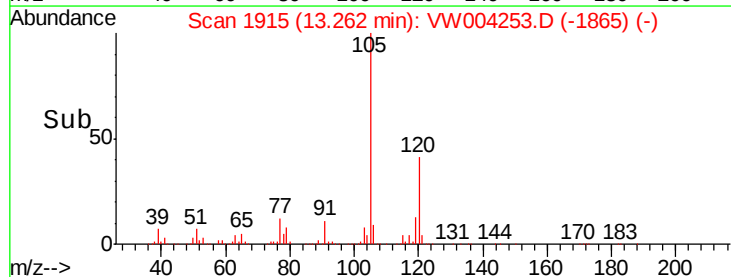
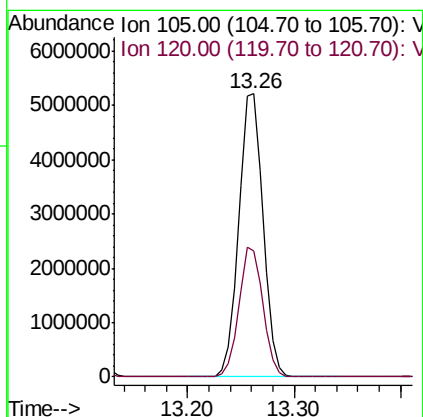
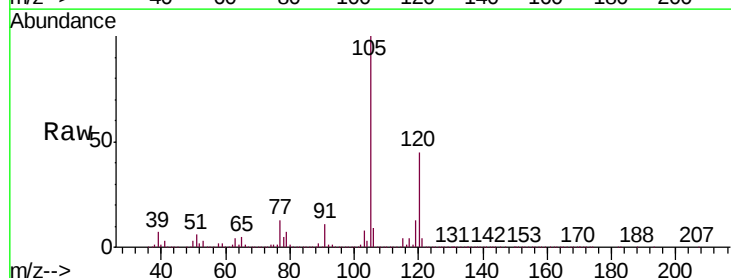
Instrument :
MSVOA_W
ClientSampled :

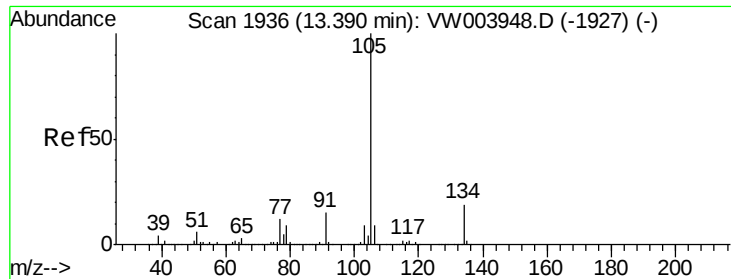
Tot Ion:119 Resp: 1056723
Ion Ratio Lower Upper
119 100
91 86.7 33.2 99.6
134 0.0 13.0 38.9#



#84
1,2,4-Trimethylbenzene
Concen: 1266.197 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.01 min
Lab File: VW004253.D
Acq: 27 Jul 2018 05:27

Tgt Ion:105 Resp: 8351138
Ion Ratio Lower Upper
105 100
120 45.5 22.1 66.1

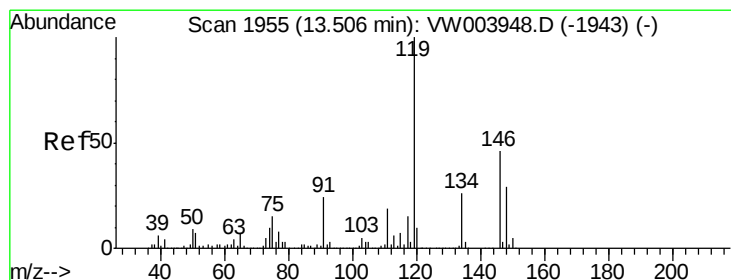
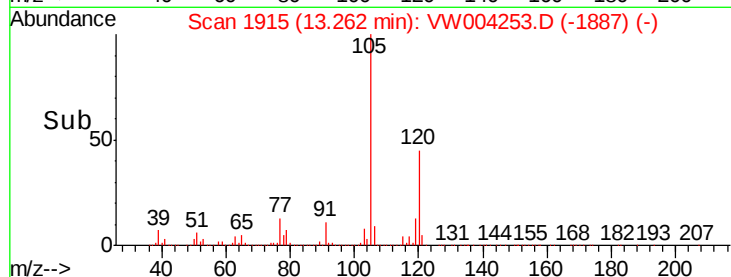
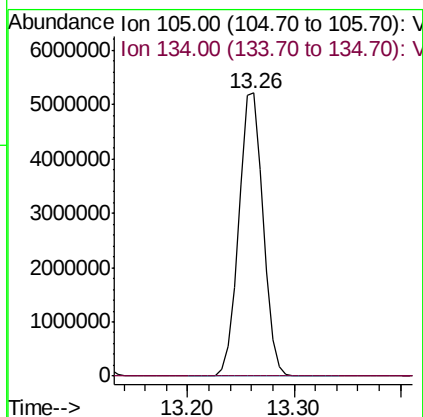
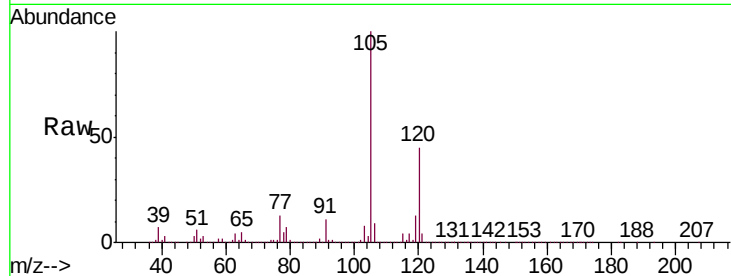




#85
 sec-Butylbenzene
 Concen: 1045.765 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. -0.13 min
 Lab File: VW004253.D
 Acq: 27 Jul 2018 05:27

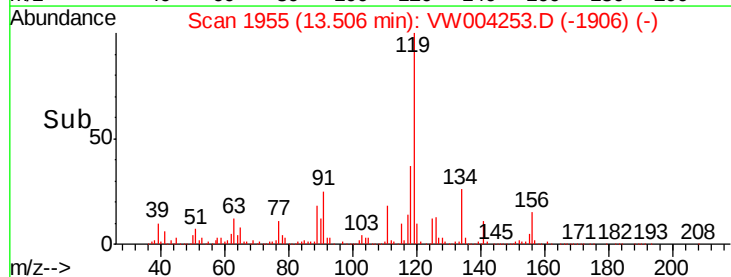
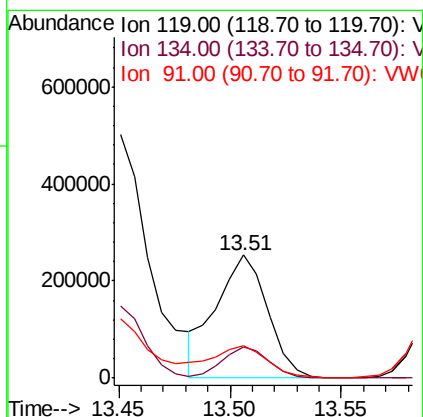
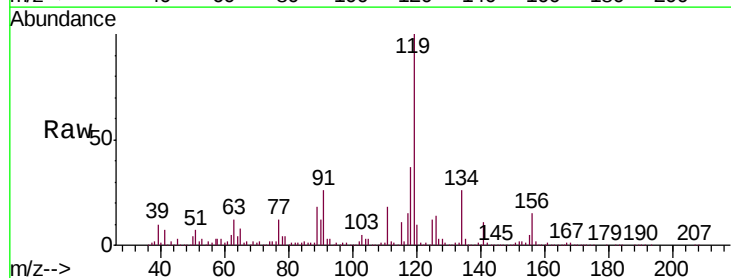
Instrument :
 MSVOA_W
 ClientSampleId :

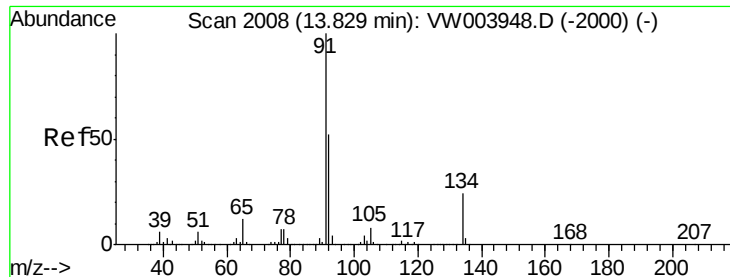
Tot Ion:105 Resp: 8351138
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.4#



#86
 p-Isopropyltoluene
 Concen: 58.077 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004253.D
 Acq: 27 Jul 2018 05:27

Tgt Ion:119 Resp: 406809
 Ion Ratio Lower Upper
 119 100
 134 23.0 13.0 38.9
 91 26.7 11.8 35.3





#89

n-Butylbenzene

Concen: 74.339 ug/l

RT: 13.77 min Scan# 1998

Delta R.T. -0.06 min

Lab File: VW004253.D

Acq: 27 Jul 2018 05:27

Instrument :

MSVOA_W

ClientSampled :

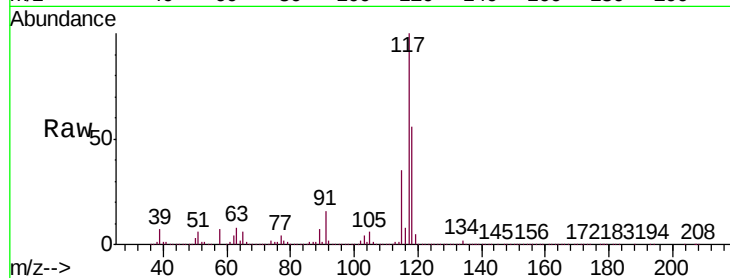
Tot Ion: 91 Resp: 511886

Ion Ratio Lower Upper

91 100

92 10.8 26.1 78.3#

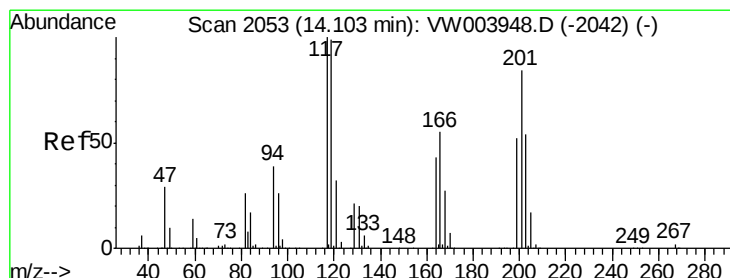
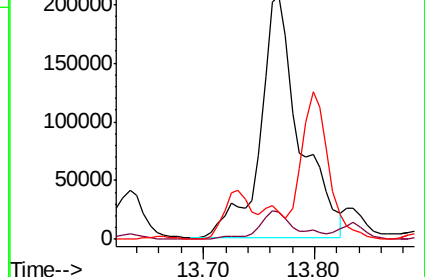
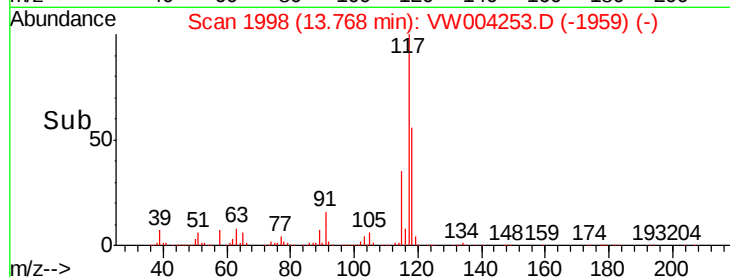
134 6.6 12.4 37.4#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 50.389 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW004253.D

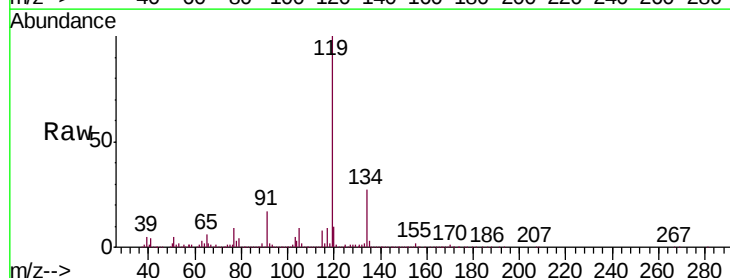
Acq: 27 Jul 2018 05:27

Tgt Ion: 117 Resp: 65063

Ion Ratio Lower Upper

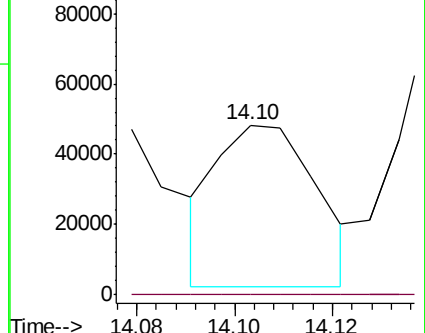
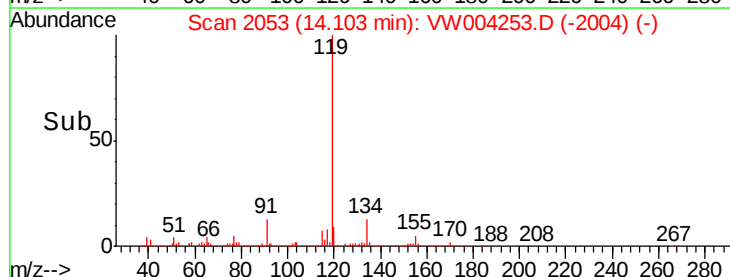
117 100

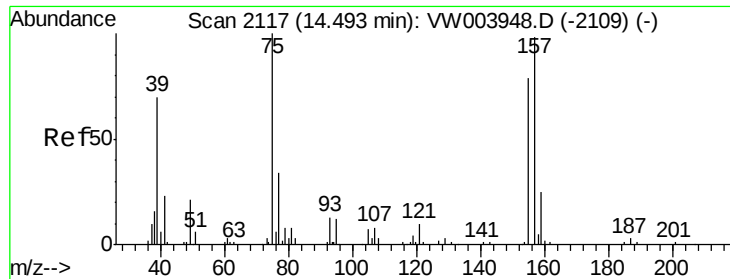
201 0.0 40.3 120.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

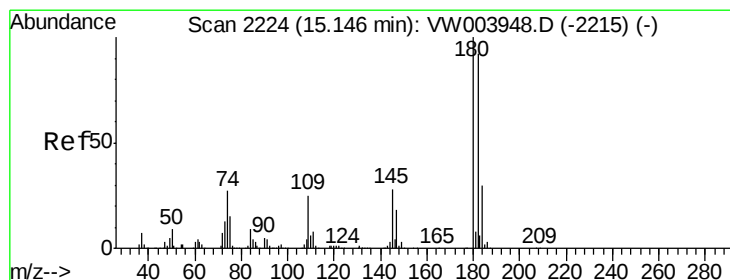
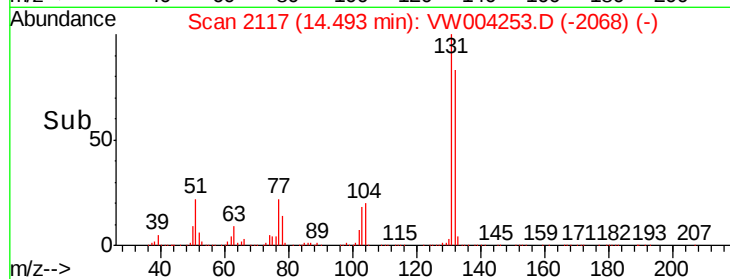
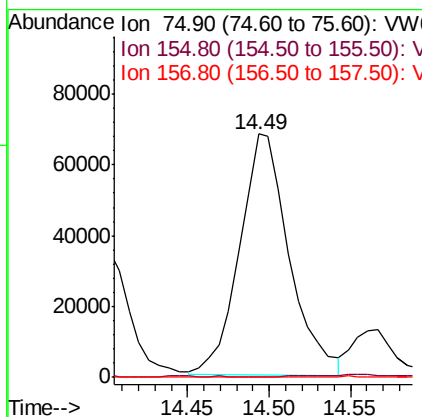
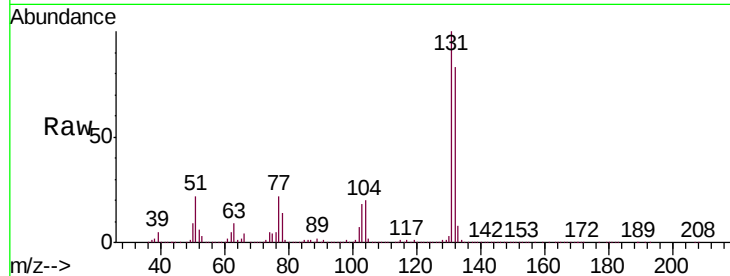




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 550.908 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW004253.D
 Acq: 27 Jul 2018 05:27

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 144318
 Ion Ratio Lower Upper
 75 100
 155 0.0 39.4 118.1#
 157 0.0 51.8 155.4#



#93
 1,2,4-Trichlorobenzene
 Concen: 1.245 ug/l
 RT: 15.19 min Scan# 2232
 Delta R.T. 0.05 min
 Lab File: VW004253.D
 Acq: 27 Jul 2018 05:27

Tgt Ion: 180 Resp: 2837
 Ion Ratio Lower Upper
 180 100
 182 152.8 46.9 140.8#
 145 0.0 15.0 45.0#

