

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004351.D
 Acq On : 30 Jul 2018 09:18
 Operator : SY/AP
 Sample : J4126-03RE
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 30 11:45:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 30 02:37:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	120242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	209342	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	140206	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	44340	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	66077	54.48	ug/l	0.00
Spiked Amount			Recovery	=	108.96%	
35) Dibromofluoromethane	7.88	113	62600	47.32	ug/l	0.00
Spiked Amount			Recovery	=	94.64%	
50) Toluene-d8	10.33	98	198623	37.99	ug/l	0.00
Spiked Amount			Recovery	=	75.98%	
62) 4-Bromofluorobenzene	12.62	95	51354	27.90	ug/l	0.00
Spiked Amount			Recovery	=	55.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.39	50	28	Below Cal	#	44
4) Vinyl Chloride	2.35	62	19	Below Cal	#	42
6) Chloroethane	2.97	64	48	Below Cal	#	45
11) Tert butyl alcohol	5.19	59	300	Below Cal	#	72
14) Allyl chloride	4.93	41	188	1.604	ug/l #	25
16) Acetone	4.12	43	4609	27.612	ug/l	96
17) Carbon Disulfide	4.37	76	4570	1.787	ug/l	96
18) Methyl Acetate	4.67	43	1105	2.477	ug/l #	88
20) Methylene Chloride	4.91	84	3305	1.342	ug/l	96
25) 2-Butanone	7.17	43	1024	3.040	ug/l #	84
29) Tetrahydrofuran	7.53	42	312	3.988	ug/l #	71
31) Cyclohexane	7.95	56	2530	1.222	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	8613	4.113	ug/l #	51
37) Ethyl Acetate	7.17	43	1024	1.193	ug/l #	69
38) Carbon Tetrachloride	7.95	117	11011	5.325	ug/l #	15
39) Methylcyclohexane	9.34	83	3078	1.220	ug/l	96
40) Benzene	8.33	78	95704	16.245	ug/l	99
41) Methacrylonitrile	7.56	41	170	2.387	ug/l #	26
52) Toluene	10.39	92	612485	165.585	ug/l	100
53) t-1,3-Dichloropropene	10.39	75	7276	3.837	ug/l #	1
55) 1,1,2-Trichloroethane	10.77	97	1547	1.454	ug/l #	24
56) Ethyl methacrylate	10.65	69	1524	1.184	ug/l #	82
59) 2-Hexanone	10.94	43	1660	2.848	ug/l #	25
67) Ethyl Benzene	11.74	91	821676	160.079	ug/l	100
68) m/p-Xylenes	11.84	106	4783248	2421.680	ug/l	97
69) o-Xylene	12.17	106	1987459	1089.016	ug/l	94
70) Styrene	12.18	104	196843	63.842	ug/l #	1
73) Isopropylbenzene	12.47	105	666100	216.653	ug/l	100
74) N-amyl acetate	12.26	43	2816	5.560	ug/l #	71
76) 1,2,3-Trichloropropane	12.87	75	35122	86.792	ug/l #	100
78) n-propylbenzene	12.81	91	49955	13.338	ug/l #	53
79) 2-Chlorotoluene	12.91	91	242929	113.397	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.95	105	3863387	1458.649	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.47	75	7398	42.539	ug/l #	60

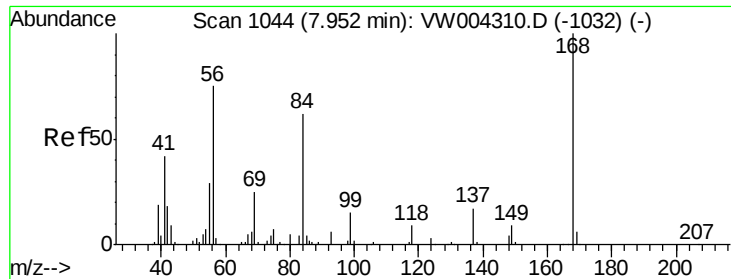
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	12.95	91	390023	172.052	ug/l #	40
83) tert-Butylbenzene	13.26	119	1168859	529.729	ug/l #	73
84) 1,2,4-Trimethylbenzene	13.26	105	9021010	3339.578	ug/l	98
85) sec-Butylbenzene	13.26	105	9021010	2798.881	ug/l #	58
86) p-Isopropyltoluene	13.51	119	524908	181.331	ug/l	95
87) 1,3-Dichlorobenzene	13.58	146	1813	1.219	ug/l #	55
88) 1,4-Dichlorobenzene	13.58	146	1813	1.222	ug/l #	57
89) n-Butylbenzene	13.77	91	604653	223.688	ug/l #	44
90) Hexachloroethane	14.10	117	101538	196.667	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	14.50	75	120766	1284.548	ug/l #	1

(#) = 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: VW004351.D

Acq: 30 Jul 2018 09:18

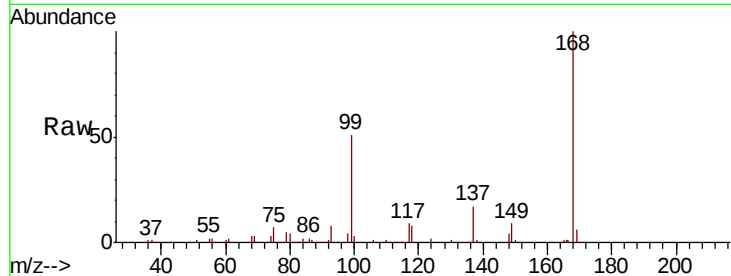
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 120242

Ion Ratio Lower Upper

168 100

99 50.8 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

30000

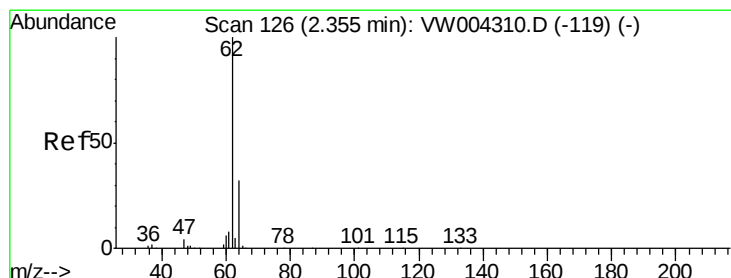
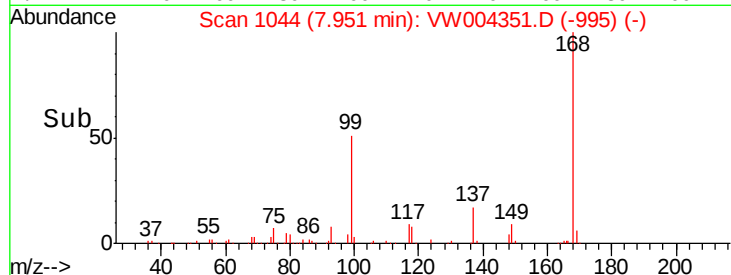
20000

10000

0

Time-->

7.90 8.00



#4

Vinyl Chloride

Concen: Below Cal

RT: 2.35 min Scan# 125

Delta R.T. -0.01 min

Lab File: VW004351.D

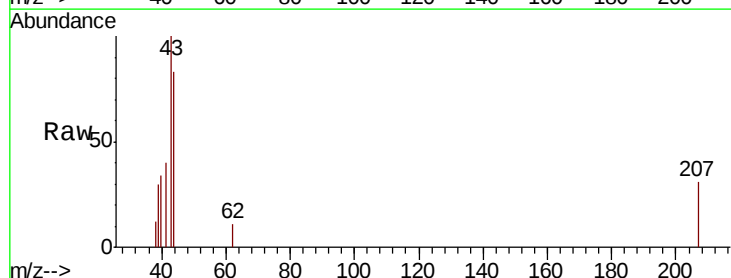
Acq: 30 Jul 2018 09:18

Tgt Ion: 62 Resp: 19

Ion Ratio Lower Upper

62 100

64 0.0 25.9 38.9#



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.35

60

50

40

30

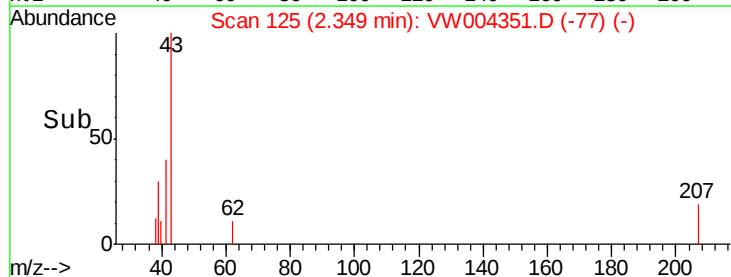
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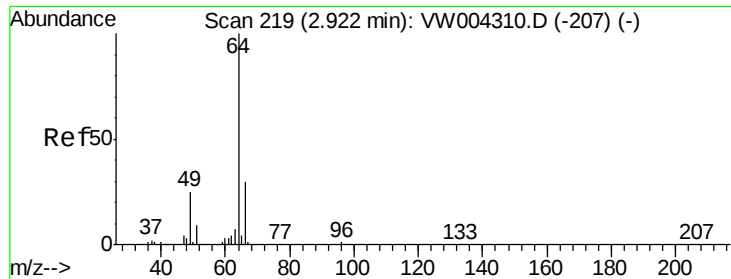
10

0

Time-->

2.33 2.34 2.35 2.36





#6

Chloroethane

Concen: Below Cal

RT: 2.97 min Scan# 227

Delta R.T. 0.05 min

Lab File: VW004351.D

Acq: 30 Jul 2018 09:18

Instrument :

MSVOA_W

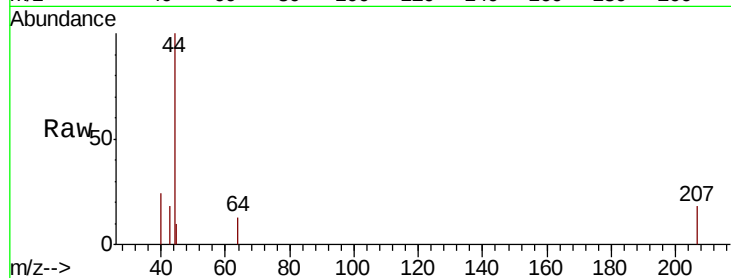
ClientSampleId :

Tot Ion: 64 Resp: 48

Ion Ratio Lower Upper

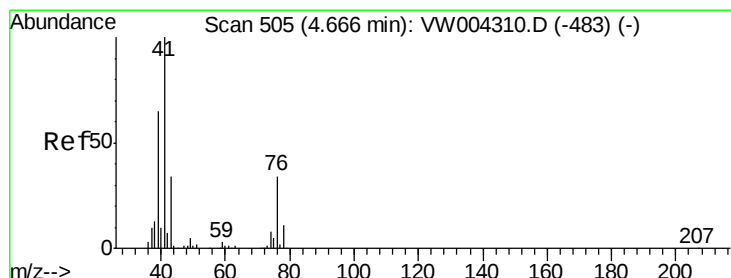
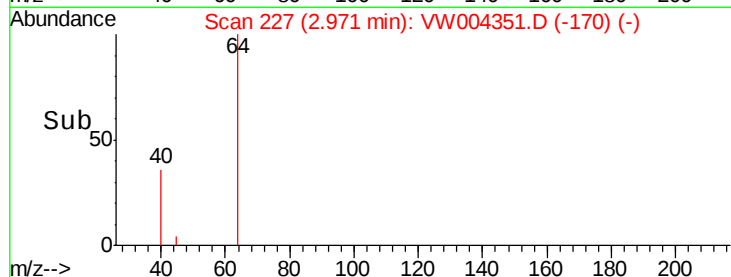
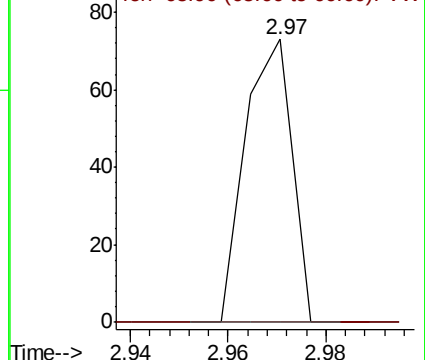
64 100

66 0.0 23.7 35.5#



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



#14

Allyl chloride

Concen: 1.604 ug/l

RT: 4.93 min Scan# 548

Delta R.T. 0.26 min

Lab File: VW004351.D

Acq: 30 Jul 2018 09:18

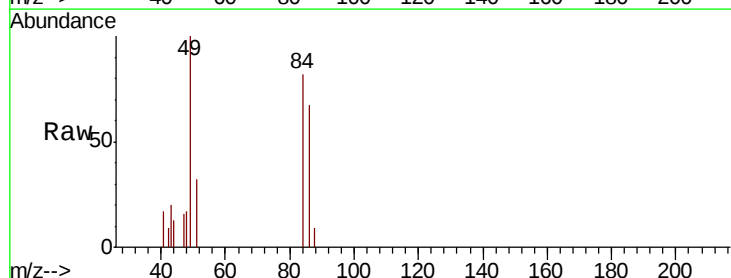
Tgt Ion: 41 Resp: 188

Ion Ratio Lower Upper

41 100

39 0.0 52.3 78.5#

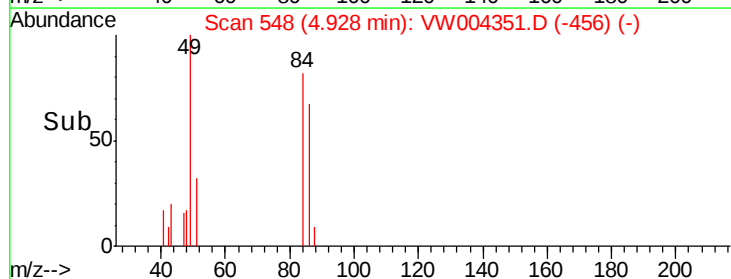
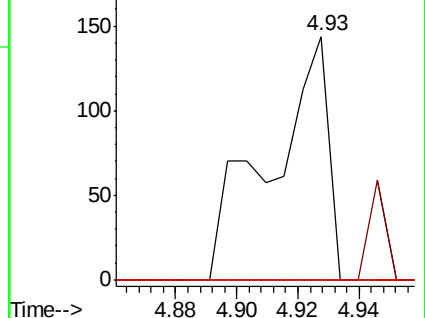
76 0.0 27.3 40.9#

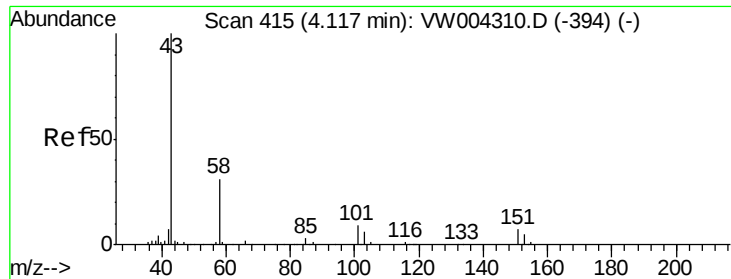


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

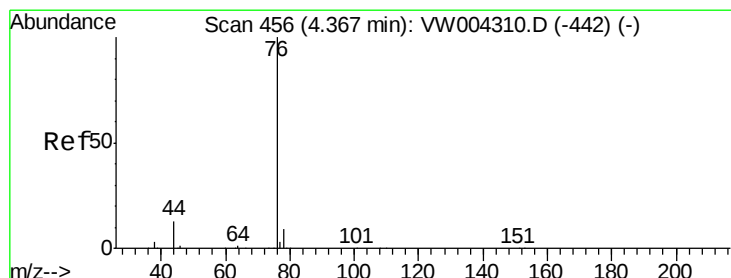
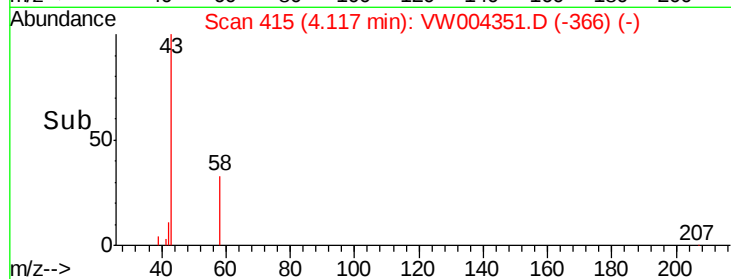
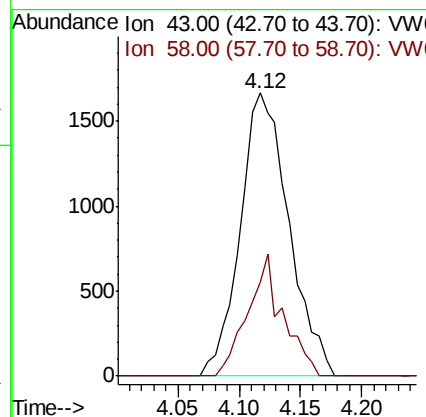
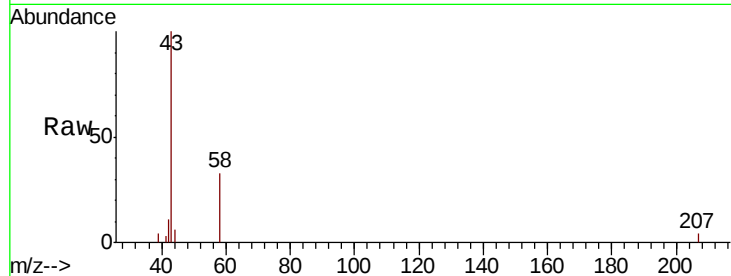




#16
Acetone
Concen: 27.612 ug/l
RT: 4.12 min Scan# 415
Delta R.T. -0.00 min
Lab File: VW004351.D
Acq: 30 Jul 2018 09:18

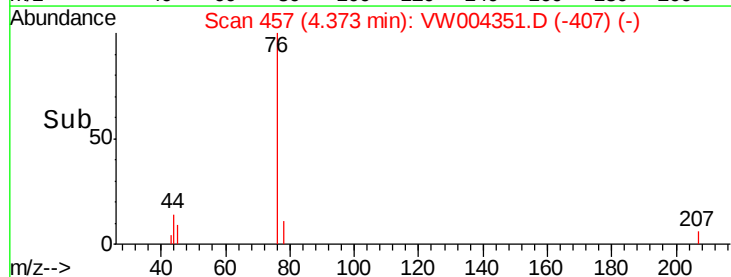
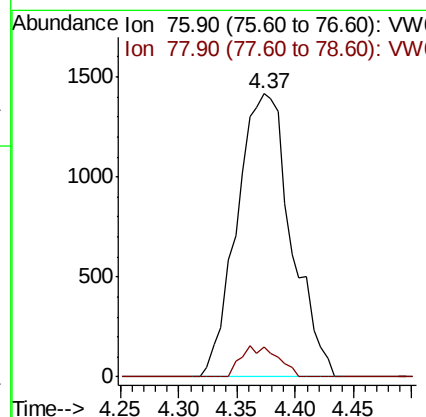
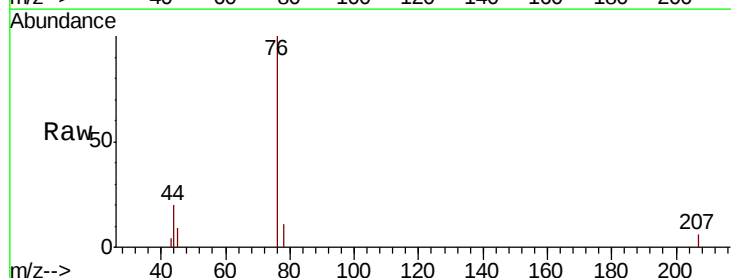
Instrument :
MSVOA_W
ClientSampleId :

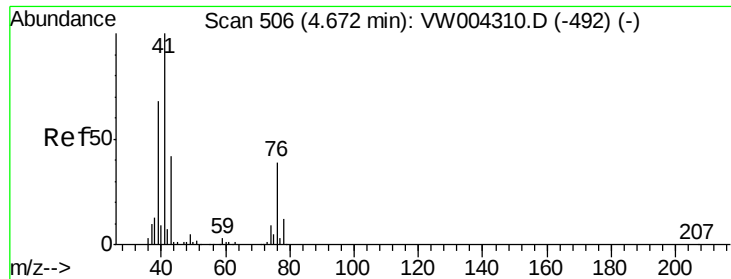
Tot Ion: 43 Resp: 4609
Ion Ratio Lower Upper
43 100
58 33.0 24.8 37.2



#17
Carbon Disulfide
Concen: 1.787 ug/l
RT: 4.37 min Scan# 457
Delta R.T. 0.01 min
Lab File: VW004351.D
Acq: 30 Jul 2018 09:18

Tgt Ion: 76 Resp: 4570
Ion Ratio Lower Upper
76 100
78 10.5 7.4 11.0

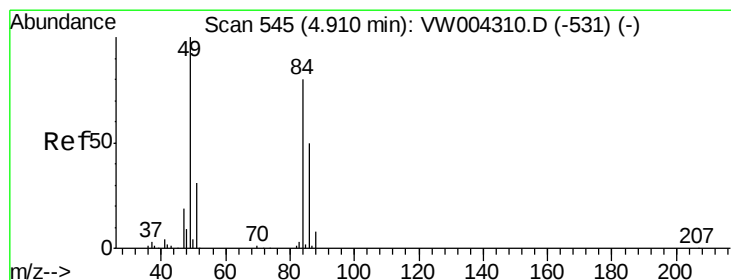
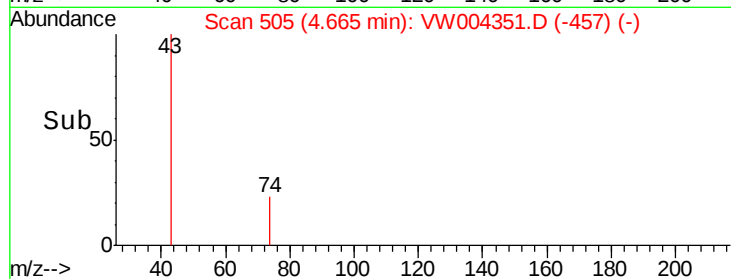
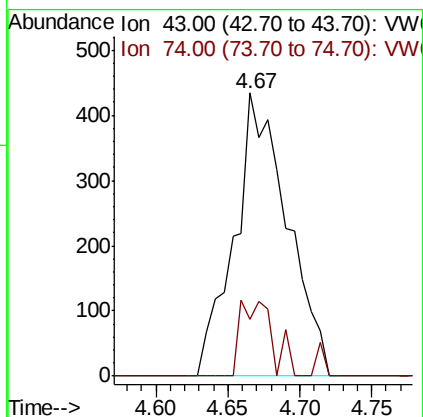
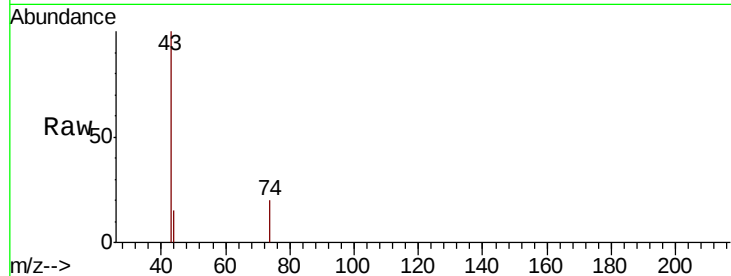




#18
Methyl Acetate
Concen: 2.477 ug/l
RT: 4.67 min Scan# 505
Delta R.T. -0.01 min
Lab File: VW004351.D
Acq: 30 Jul 2018 09:18

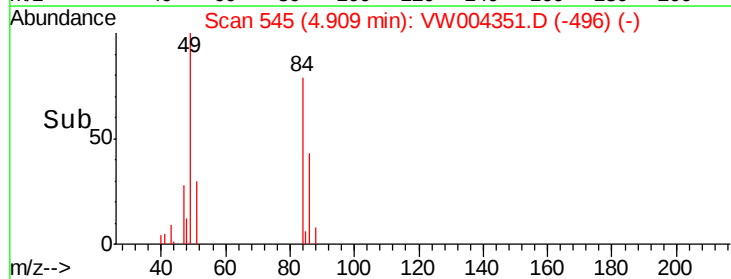
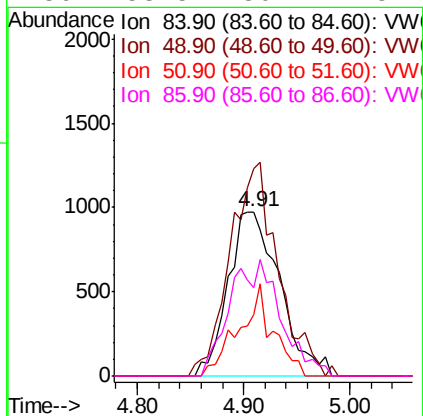
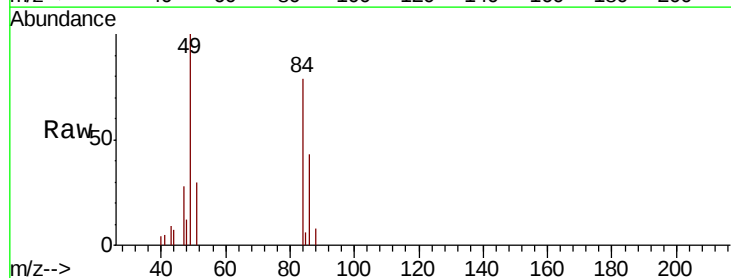
Instrument :
MSVOA_W
ClientSampled :

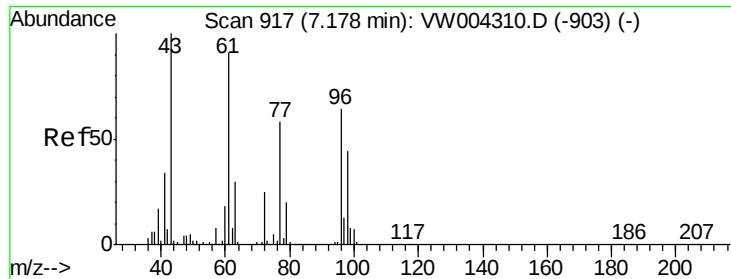
Tot Ion: 43 Resp: 1105
Ion Ratio Lower Upper
43 100
74 16.4 17.8 26.6#



#20
Methylene Chloride
Concen: 1.342 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004351.D
Acq: 30 Jul 2018 09:18

Tgt Ion: 84 Resp: 3305
Ion Ratio Lower Upper
84 100
49 125.9 100.5 150.7
51 37.6 30.9 46.3
86 53.5 50.2 75.4





#25

2-Butanone

Concen: 3.040 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW004351.D

Acq: 30 Jul 2018 09:18

Instrument :

MSVOA_W

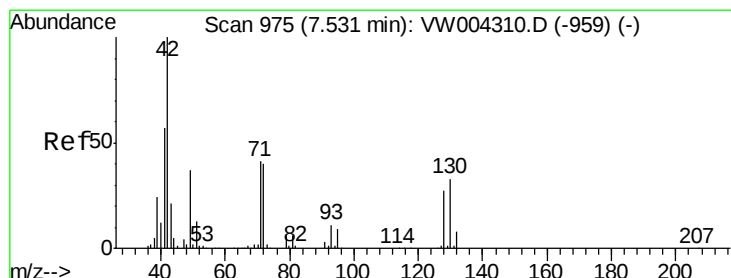
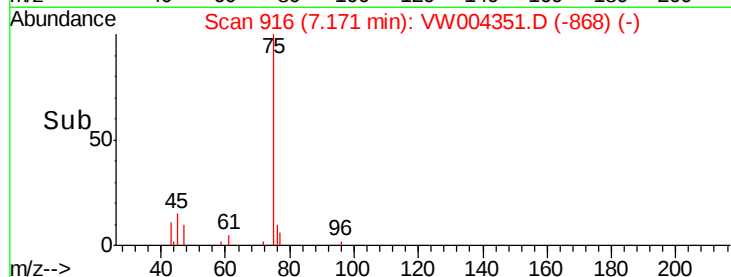
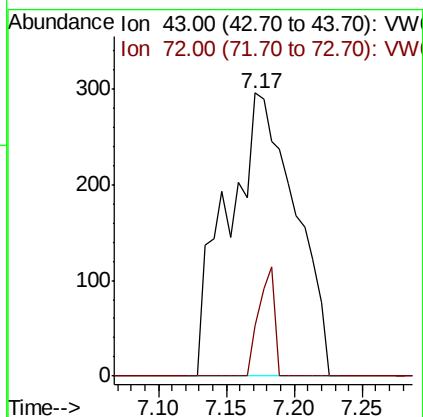
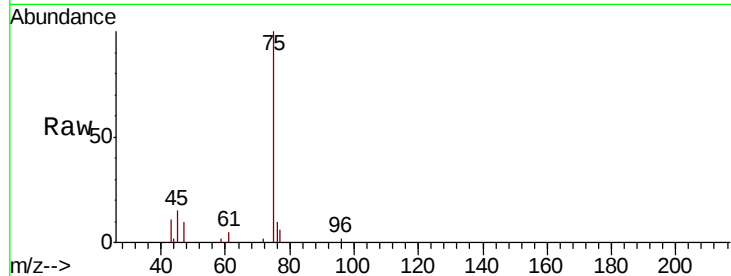
ClientSampled :

Tot Ion: 43 Resp: 1024

Ion Ratio Lower Upper

43 100

72 17.6 20.3 30.5#



#29

Tetrahydrofuran

Concen: 3.988 ug/l

RT: 7.53 min Scan# 975

Delta R.T. -0.00 min

Lab File: VW004351.D

Acq: 30 Jul 2018 09:18

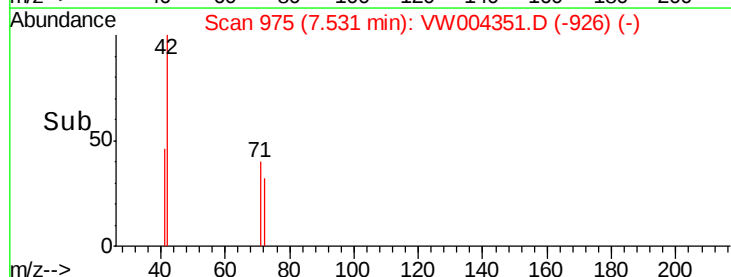
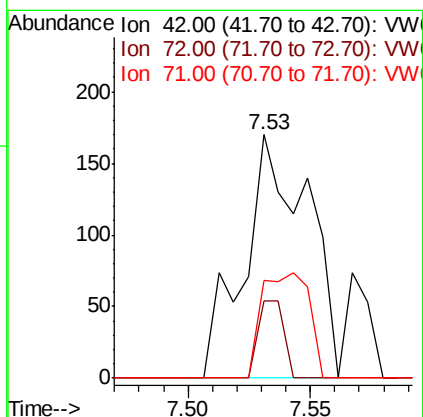
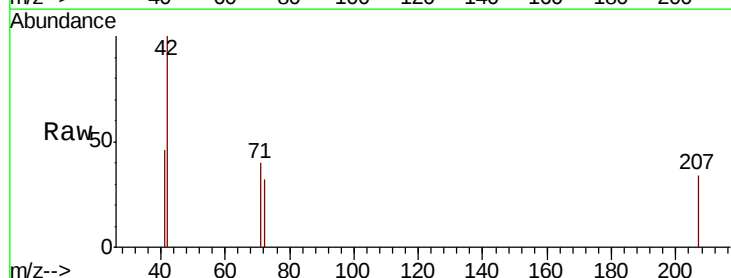
Tgt Ion: 42 Resp: 312

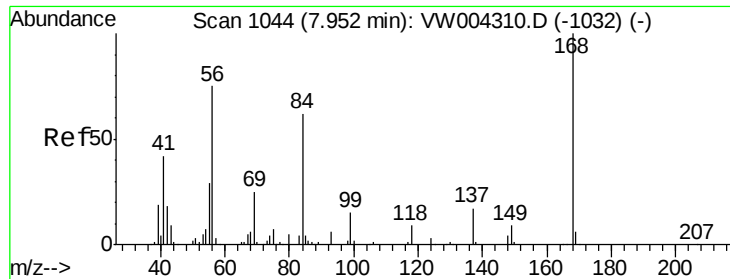
Ion Ratio Lower Upper

42 100

72 12.5 32.6 48.8#

71 32.1 31.3 46.9





#31

Cyclohexane

Concen: 1.222 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW004351.D

Acq: 30 Jul 2018 09:18

Instrument :
MSVOA_W
ClientSampled :

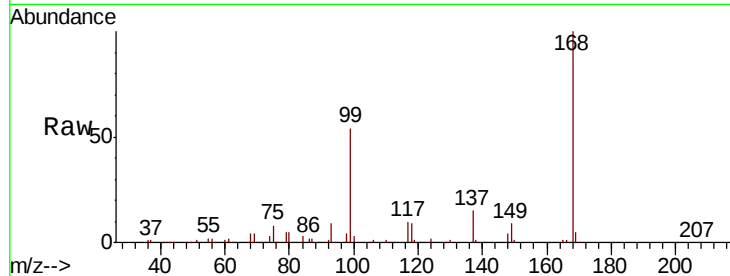
Tot Ion: 56 Resp: 2530

Ion Ratio Lower Upper

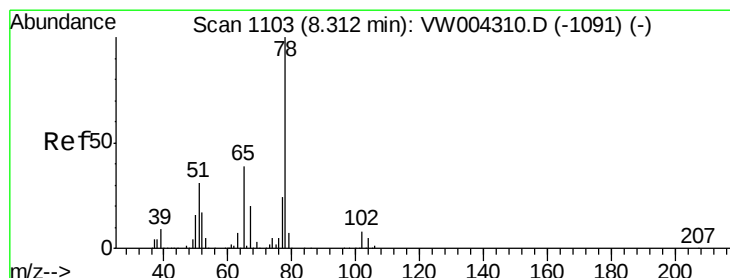
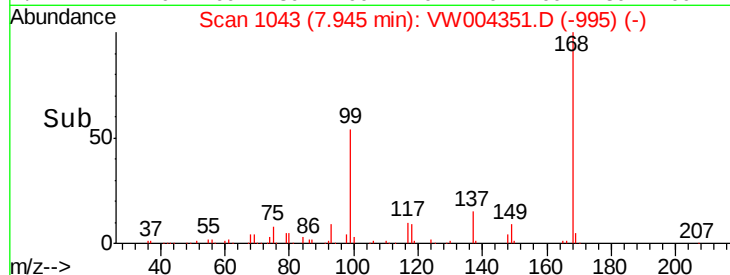
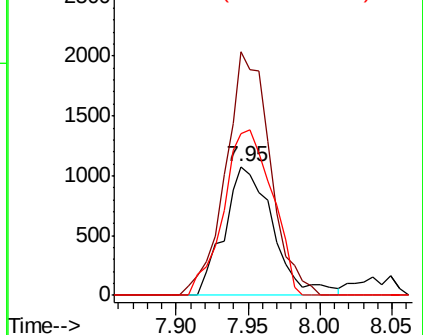
56 100

69 189.6 26.3 39.5#

84 125.9 66.2 99.4#



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



#33

1,2-Dichloroethane-d4

Concen: 54.478 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW004351.D

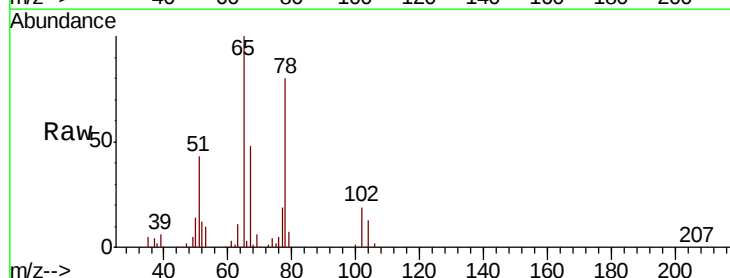
Acq: 30 Jul 2018 09:18

Tgt Ion: 65 Resp: 66077

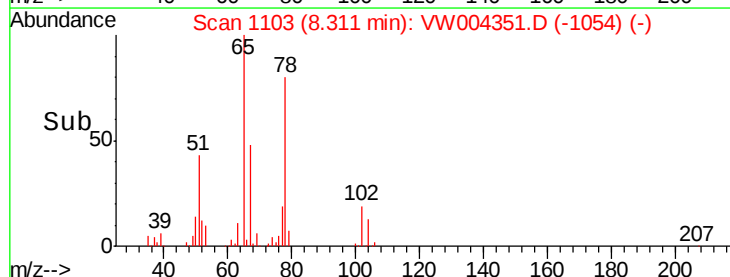
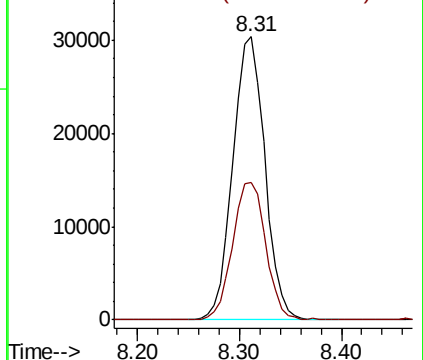
Ion Ratio Lower Upper

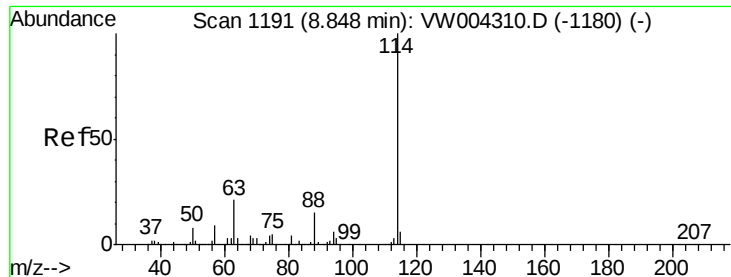
65 100

67 50.3 0.0 106.4



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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW004351.D

Acq: 30 Jul 2018 09:18

Instrument :

MSVOA_W

ClientSampleId :

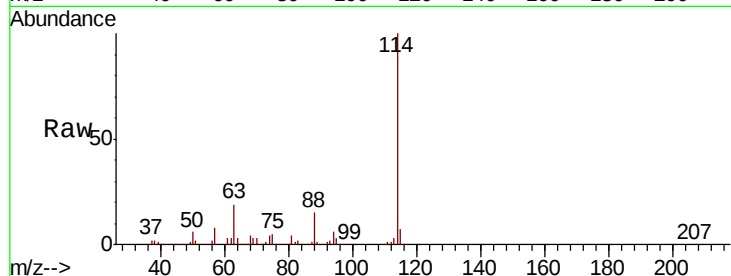
Tot Ion:114 Resp: 209342

Ion Ratio Lower Upper

114 100

63 18.8 0.0 41.4

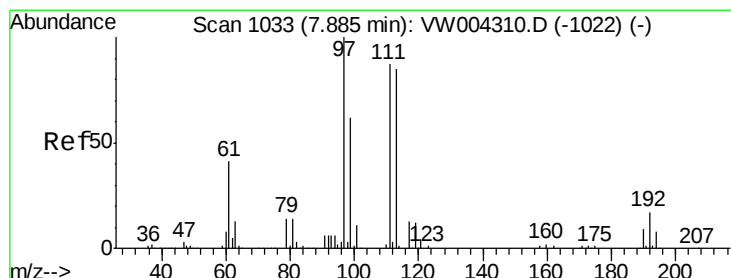
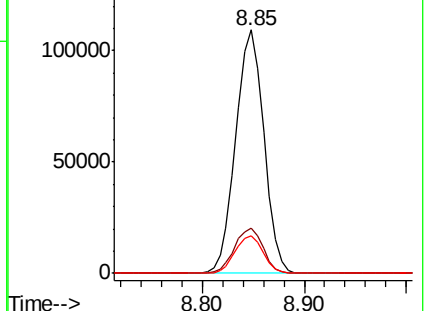
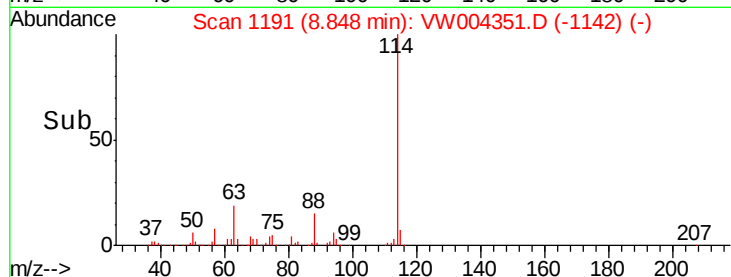
88 15.3 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 47.318 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW004351.D

Acq: 30 Jul 2018 09:18

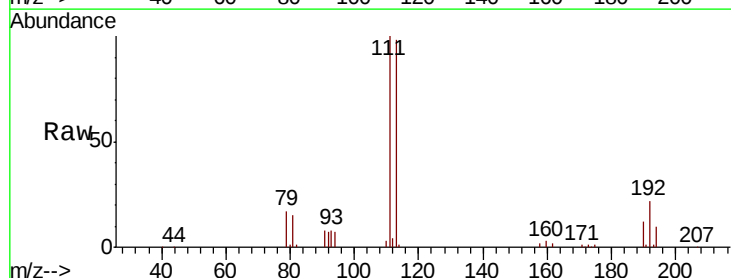
Tgt Ion:113 Resp: 62600

Ion Ratio Lower Upper

113 100

111 102.6 82.1 123.1

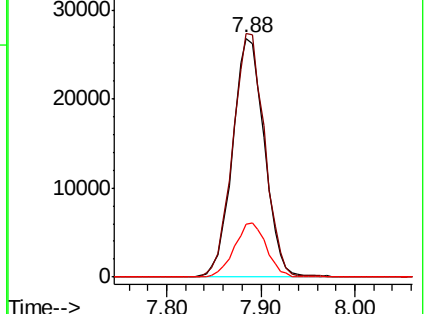
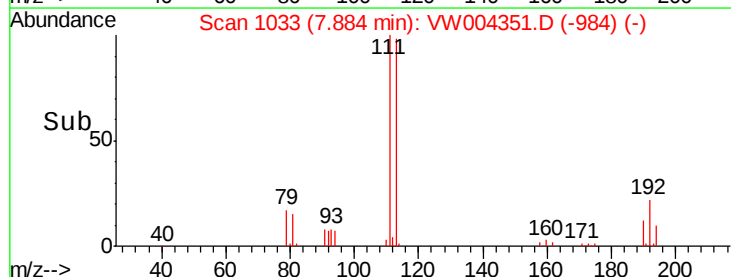
192 22.8 16.2 24.4

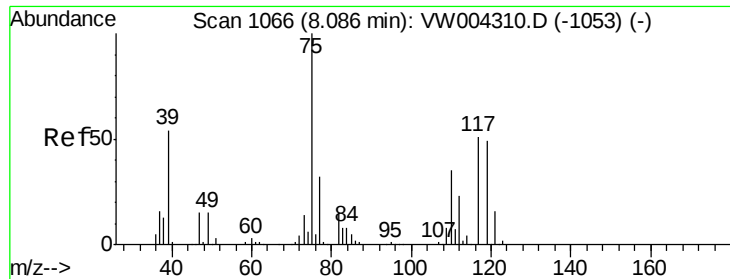


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

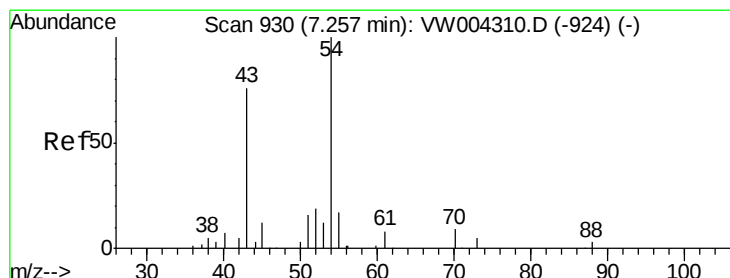
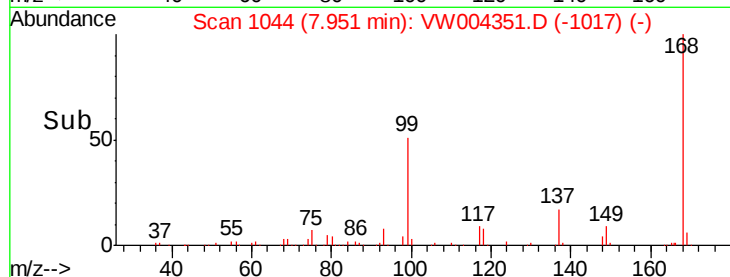
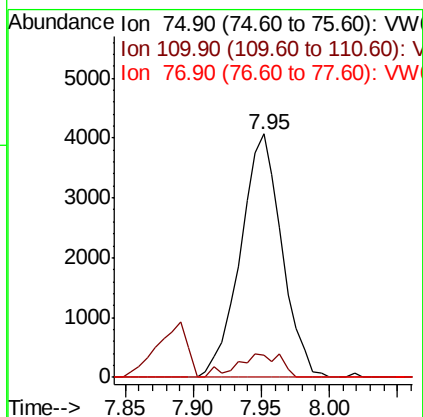
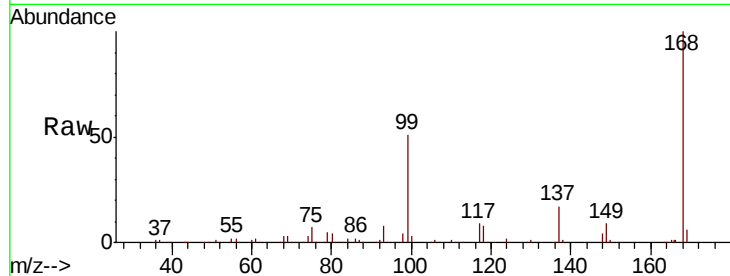




#36
 1,1-Dichloropropene
 Concen: 4.113 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004351.D
 Acq: 30 Jul 2018 09:18

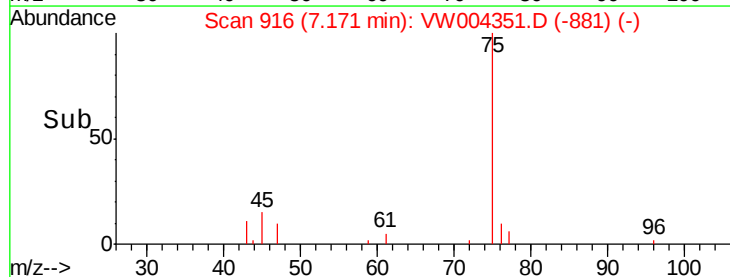
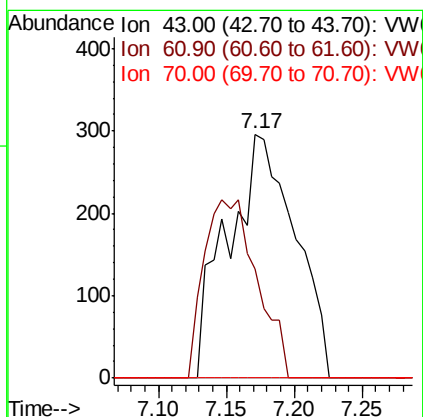
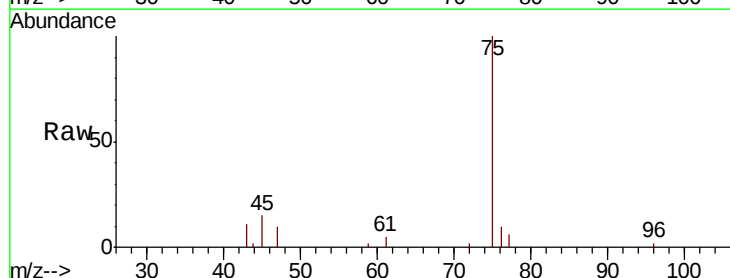
Instrument :
 MSVOA_W
 ClientSampled :

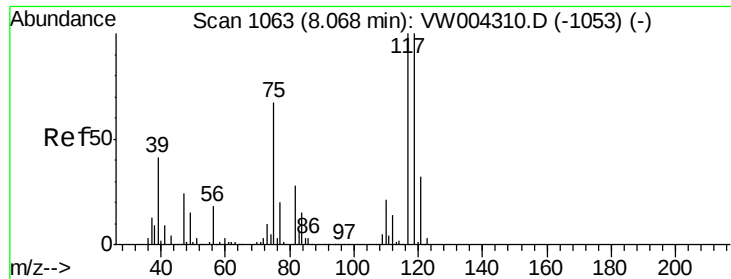
Tot Ion: 75 Resp: 8613
 Ion Ratio Lower Upper
 75 100
 110 10.3 17.3 52.0#
 77 0.0 25.0 37.6#



#37
 Ethyl Acetate
 Concen: 1.193 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. -0.09 min
 Lab File: VW004351.D
 Acq: 30 Jul 2018 09:18

Tgt Ion: 43 Resp: 1024
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.1 16.7#
 70 0.0 7.8 11.6#





#38

Carbon Tetrachloride

Concen: 5.325 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.12 min

Lab File: VW004351.D

Acq: 30 Jul 2018 09:18

Instrument :

MSVOA_W

ClientSampleId :

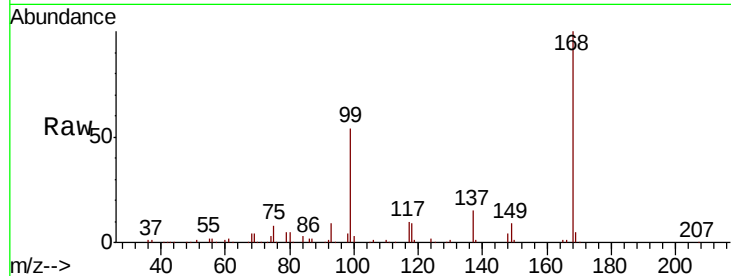
Tot Ion:117 Resp: 11011

Ion Ratio Lower Upper

117 100

119 5.9 79.7 119.5#

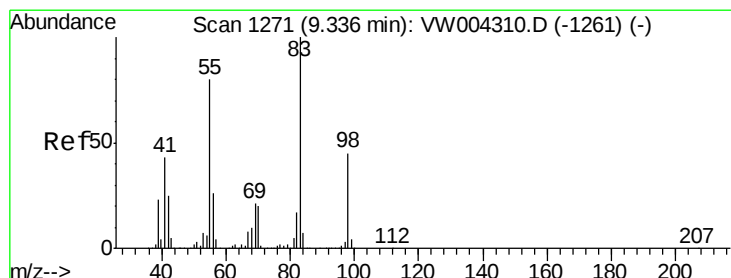
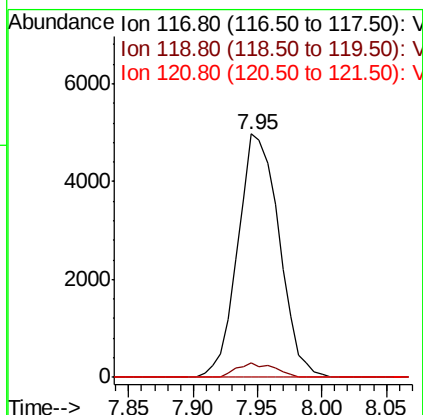
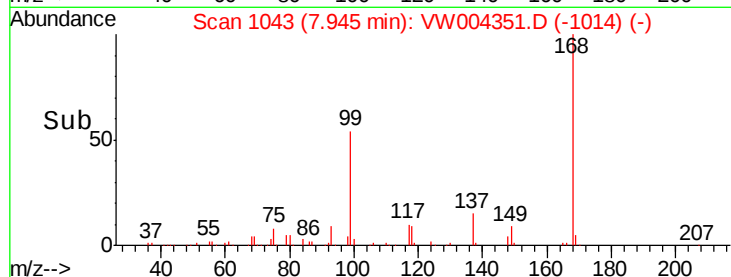
121 0.0 25.7 38.5#



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

Methylcyclohexane

Concen: 1.220 ug/l

RT: 9.34 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VW004351.D

Acq: 30 Jul 2018 09:18

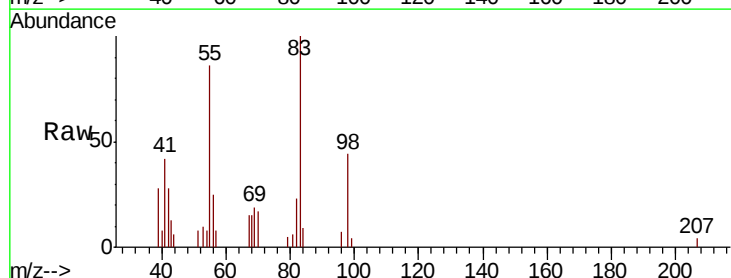
Tgt Ion: 83 Resp: 3078

Ion Ratio Lower Upper

83 100

55 85.7 64.3 96.5

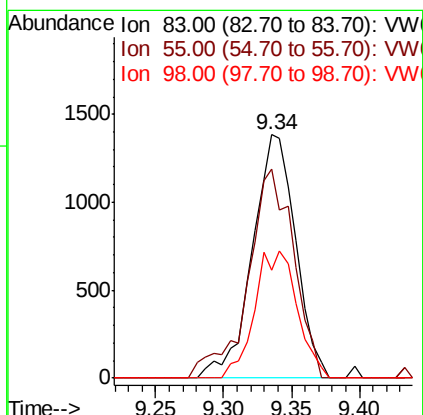
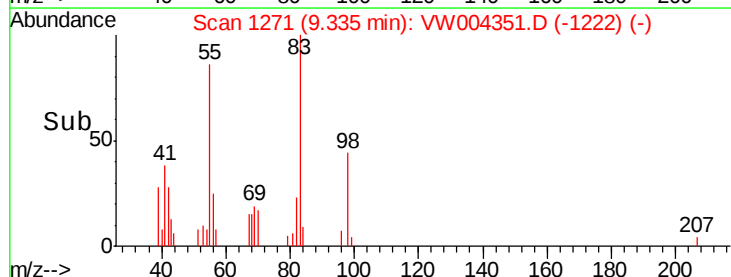
98 44.3 36.3 54.5

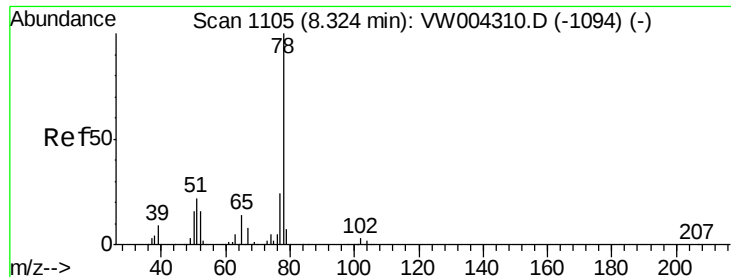


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

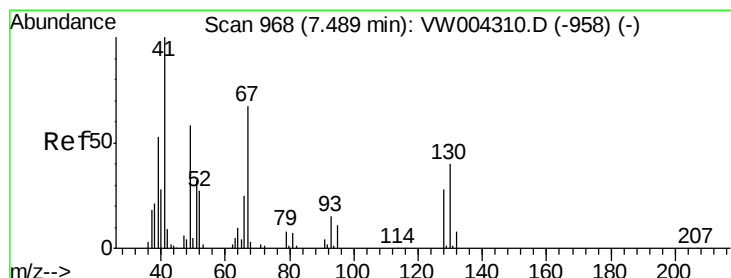
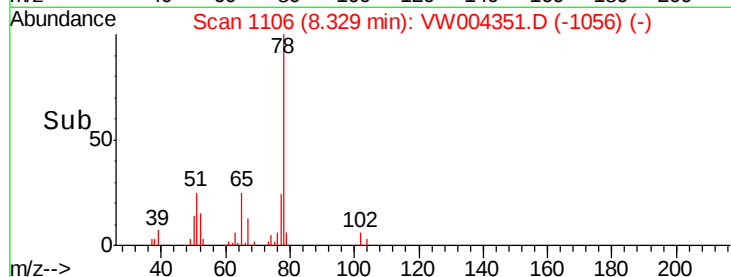
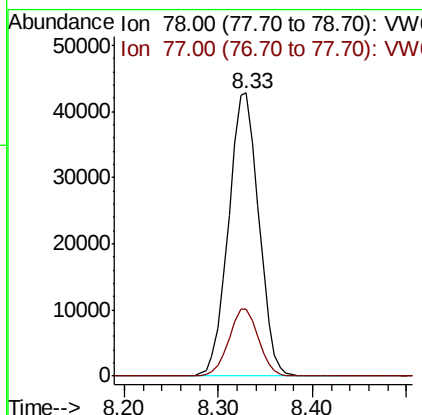
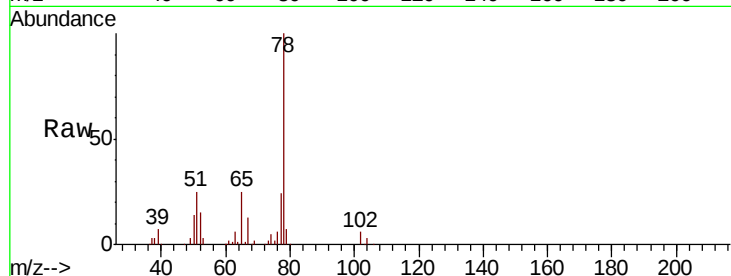




#40
Benzene
Concen: 16.245 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.01 min
Lab File: VW004351.D
Acq: 30 Jul 2018 09:18

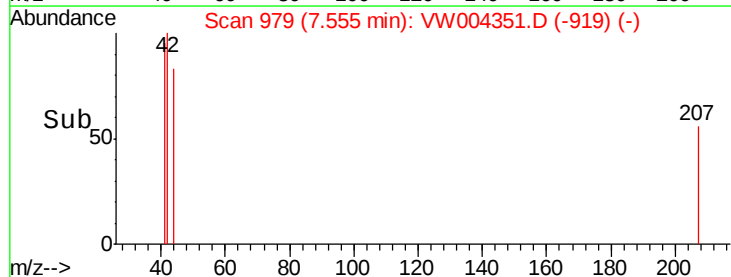
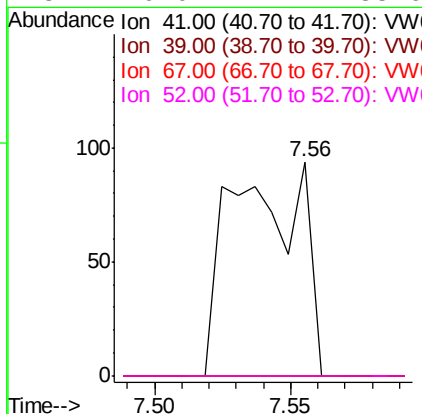
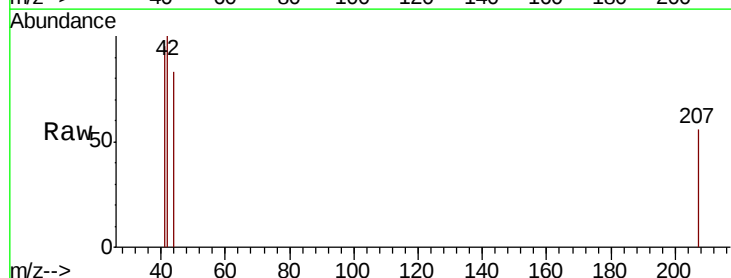
Instrument :
MSVOA_W
ClientSampled :

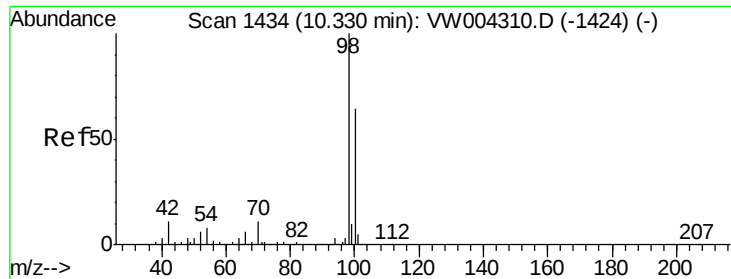
Tot Ion: 78 Resp: 95704
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.0



#41
Methacrylonitrile
Concen: 2.387 ug/l
RT: 7.56 min Scan# 979
Delta R.T. 0.07 min
Lab File: VW004351.D
Acq: 30 Jul 2018 09:18

Tgt Ion: 41 Resp: 170
Ion Ratio Lower Upper
41 100
39 0.0 41.2 61.8#
67 0.0 53.4 80.0#
52 0.0 22.4 33.6#

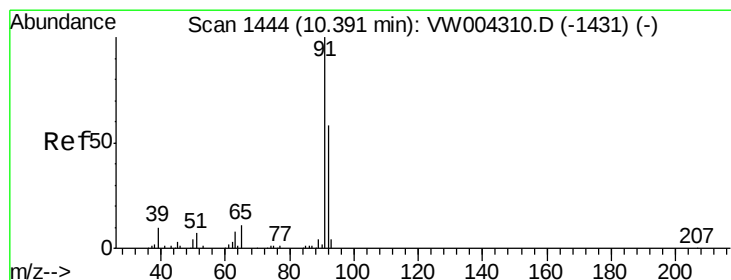
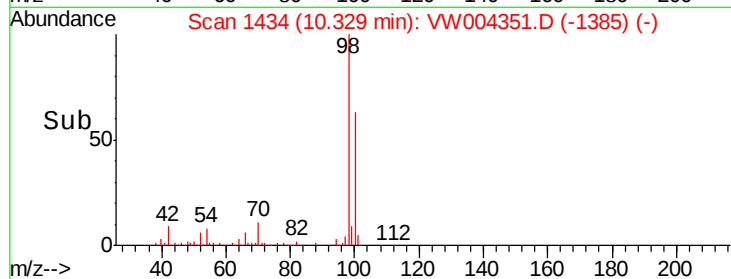
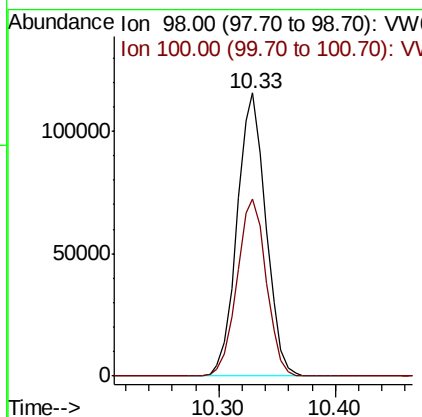
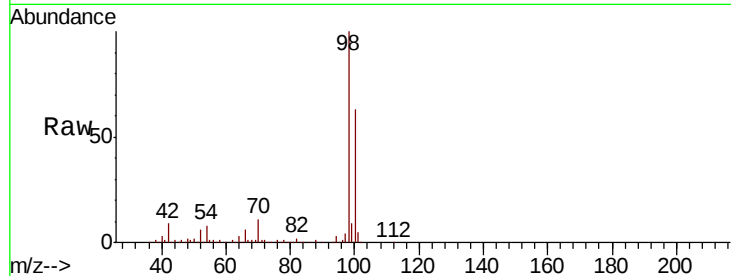




#50
Toluene-d8
Concen: 37.989 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW004351.D
Acq: 30 Jul 2018 09:18

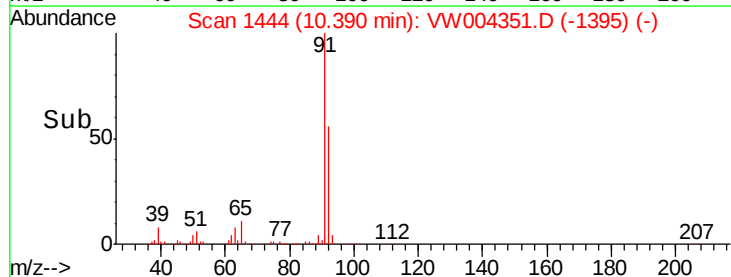
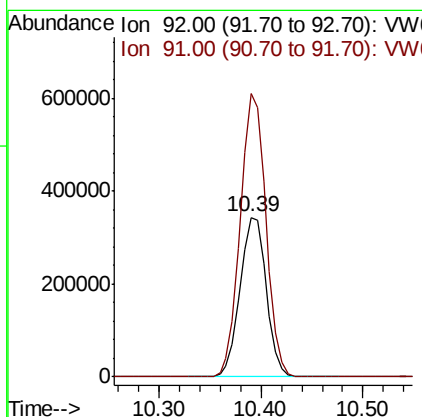
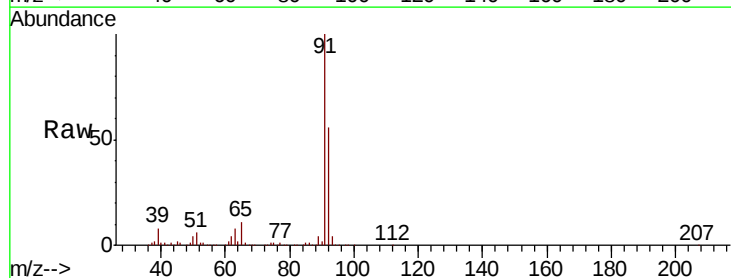
Instrument :
MSVOA_W
ClientSampled :

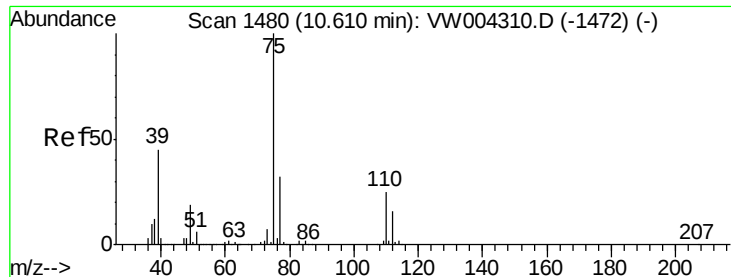
Tot Ion: 98 Resp: 198623
Ion Ratio Lower Upper
98 100
100 63.8 51.5 77.3



#52
Toluene
Concen: 165.585 ug/l
RT: 10.39 min Scan# 1444
Delta R.T. -0.00 min
Lab File: VW004351.D
Acq: 30 Jul 2018 09:18

Tgt Ion: 92 Resp: 612485
Ion Ratio Lower Upper
92 100
91 173.6 139.0 208.4





#53

t-1,3-Dichloropropene

Concen: 3.837 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.22 min

Lab File: VW004351.D

Acq: 30 Jul 2018 09:18

Instrument :

MSVOA_W

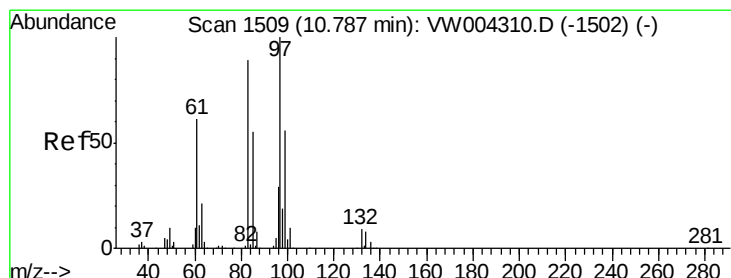
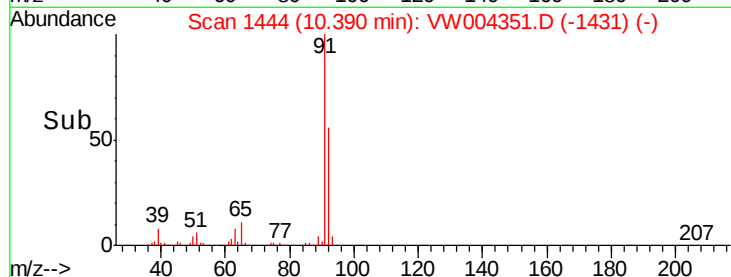
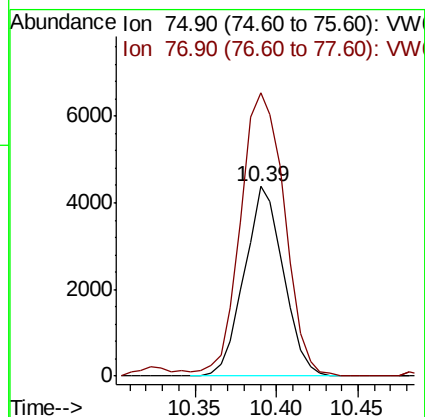
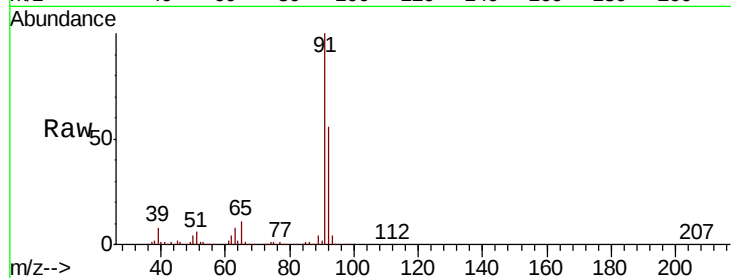
ClientSampleId :

Tot Ion: 75 Resp: 7276

Ion Ratio Lower Upper

75 100

77 149.4 25.8 38.6#



#55

1,1,2-Trichloroethane

Concen: 1.454 ug/l

RT: 10.77 min Scan# 1506

Delta R.T. -0.02 min

Lab File: VW004351.D

Acq: 30 Jul 2018 09:18

Tgt Ion: 97 Resp: 1547

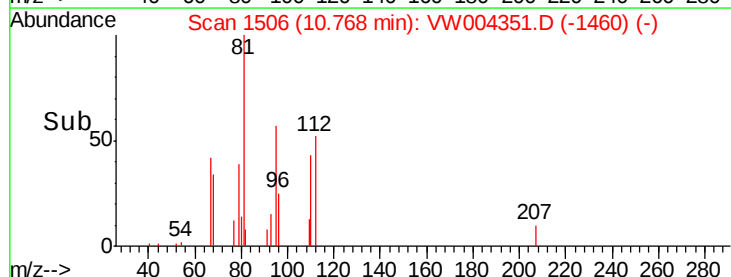
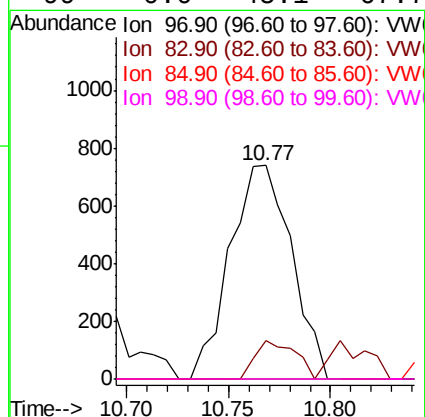
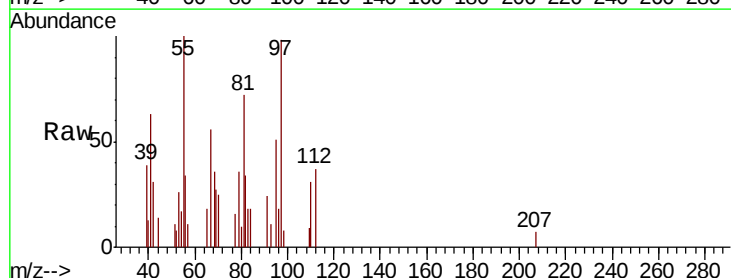
Ion Ratio Lower Upper

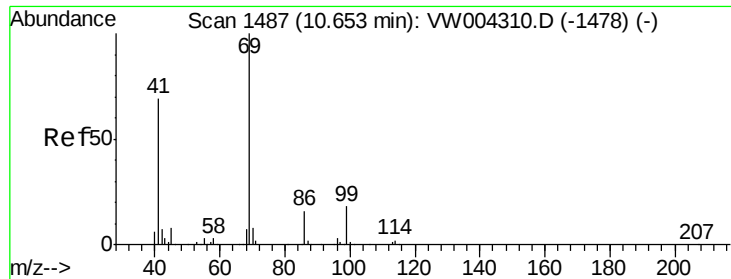
97 100

83 18.1 70.8 106.2#

85 0.0 43.7 65.5#

99 0.0 45.1 67.7#

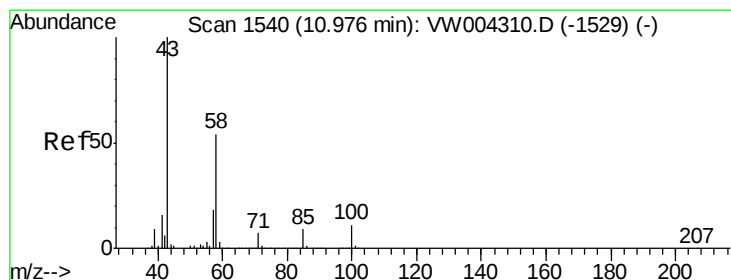
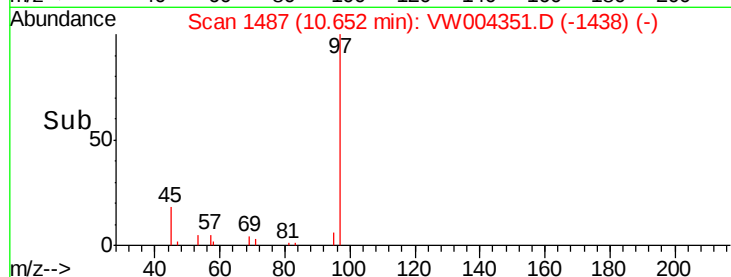
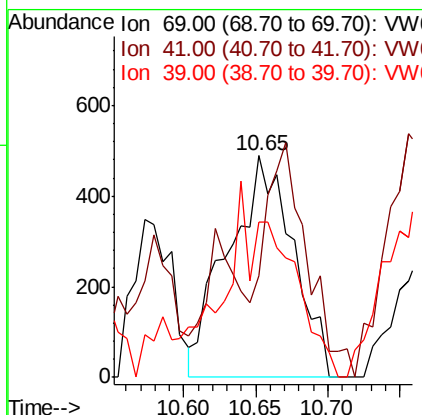
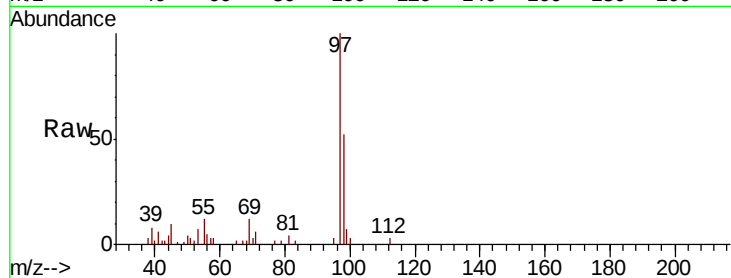




#56
Ethyl methacrylate
Concen: 1.184 ug/l
RT: 10.65 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW004351.D
Acq: 30 Jul 2018 09:18

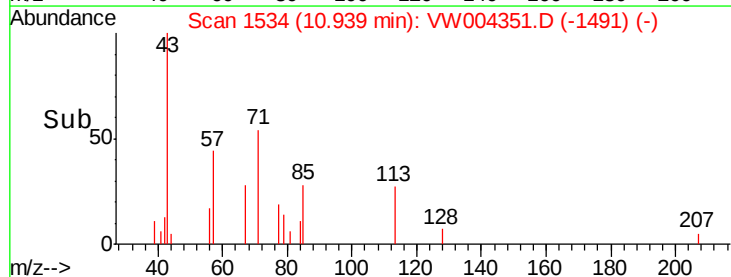
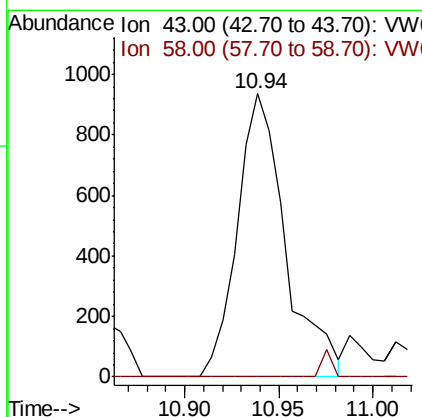
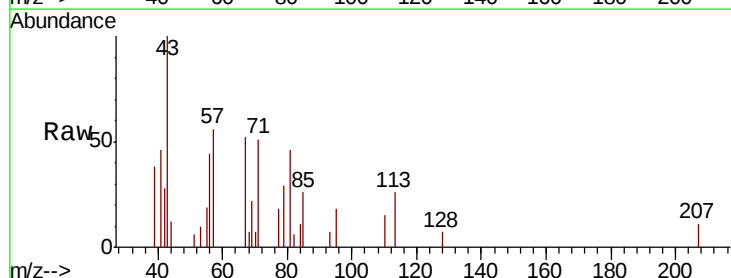
Instrument :
MSVOA_W
ClientSampled :

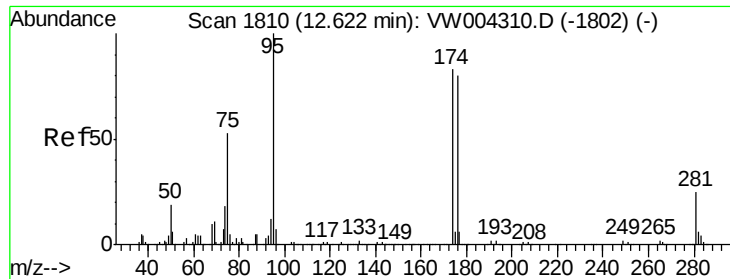
Tot Ion: 69 Resp: 1524
Ion Ratio Lower Upper
69 100
41 69.4 54.7 82.1
39 0.0 24.4 36.6#



#59
2-Hexanone
Concen: 2.848 ug/l
RT: 10.94 min Scan# 1534
Delta R.T. -0.04 min
Lab File: VW004351.D
Acq: 30 Jul 2018 09:18

Tgt Ion: 43 Resp: 1660
Ion Ratio Lower Upper
43 100
58 0.0 26.5 79.4#

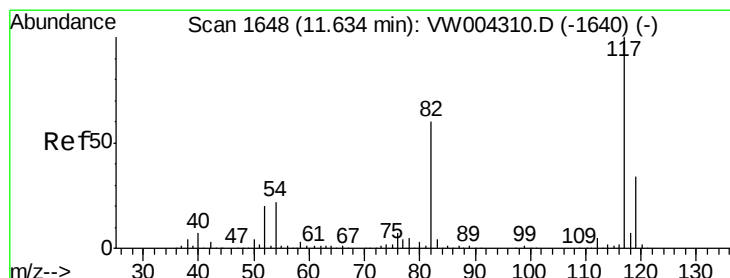
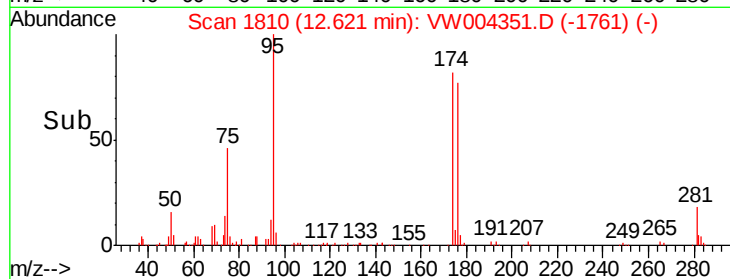
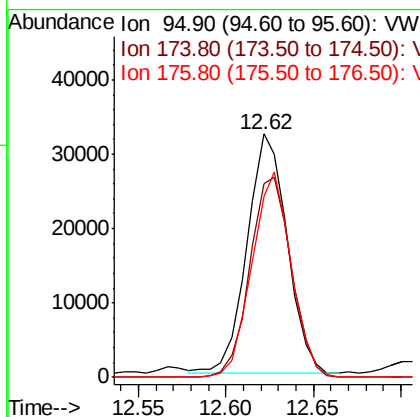
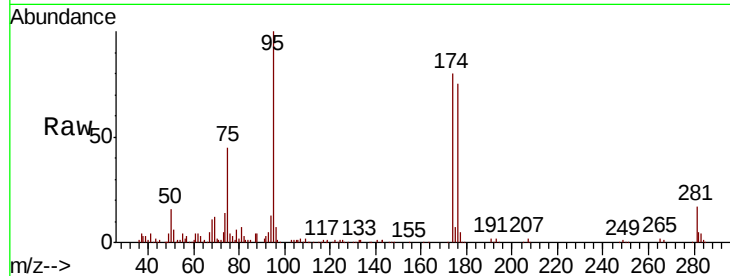




#62
4-Bromofluorobenzene
Concen: 27.896 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW004351.D
Acq: 30 Jul 2018 09:18

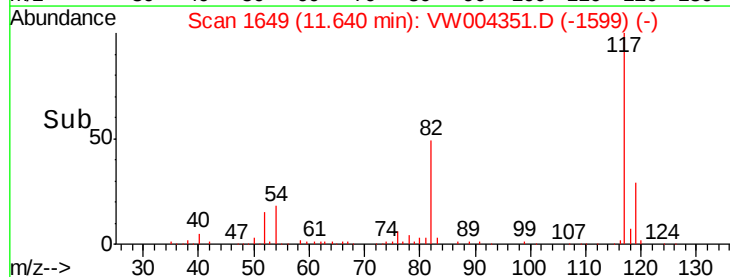
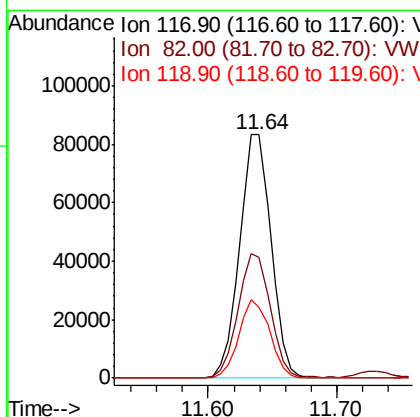
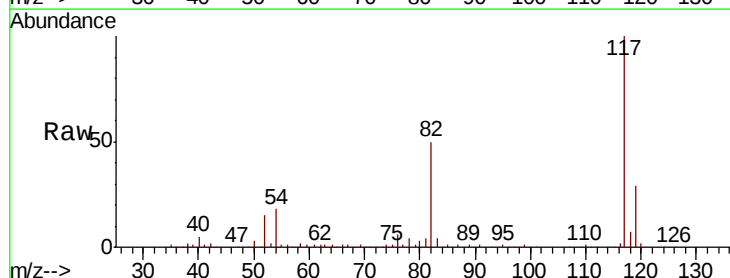
Instrument :
MSVOA_W
ClientSampleId :

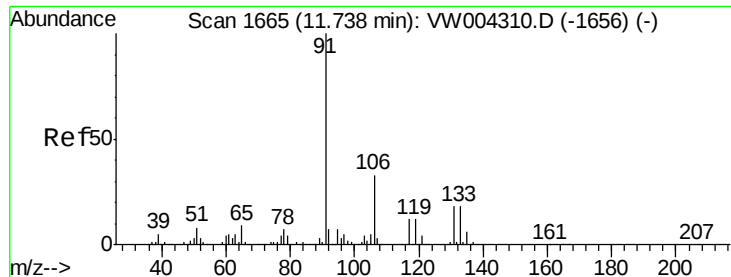
Tot Ion: 95 Resp: 51354
Ion Ratio Lower Upper
95 100
174 86.9 0.0 167.8
176 84.4 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW004351.D
Acq: 30 Jul 2018 09:18

Tgt Ion: 117 Resp: 140206
Ion Ratio Lower Upper
117 100
82 49.3 47.9 71.9
119 29.1 27.1 40.7

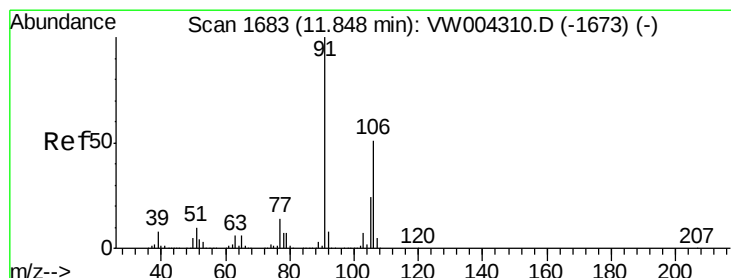
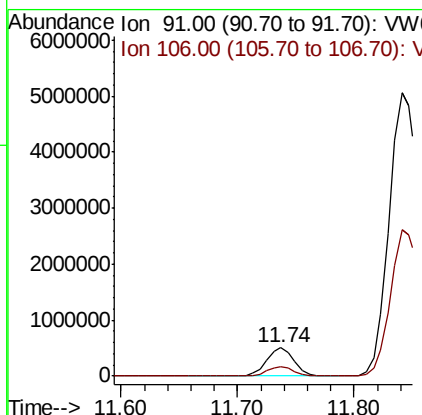
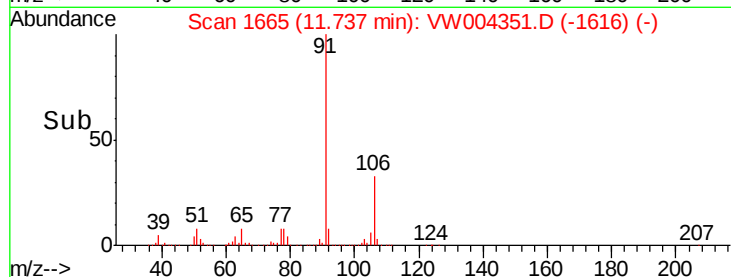
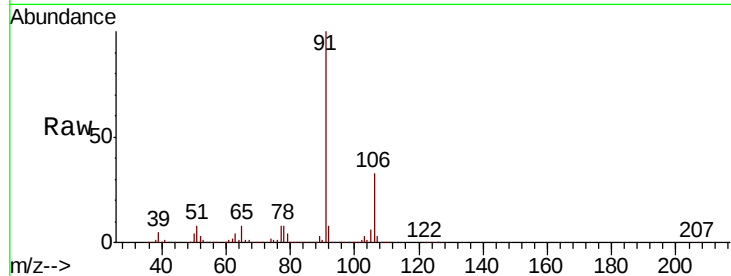




#67
Ethyl Benzene
Concen: 160.079 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004351.D
Acq: 30 Jul 2018 09:18

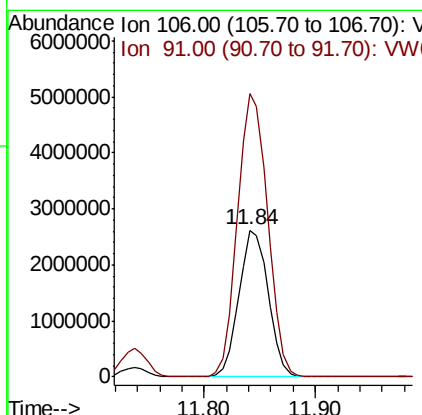
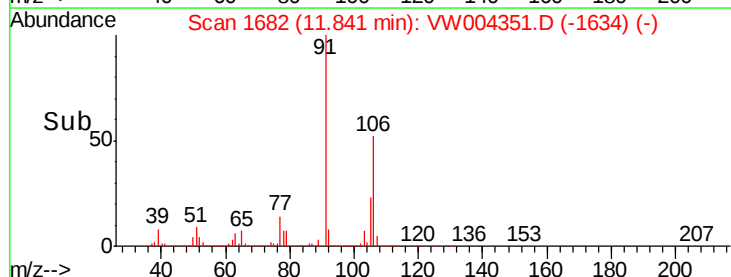
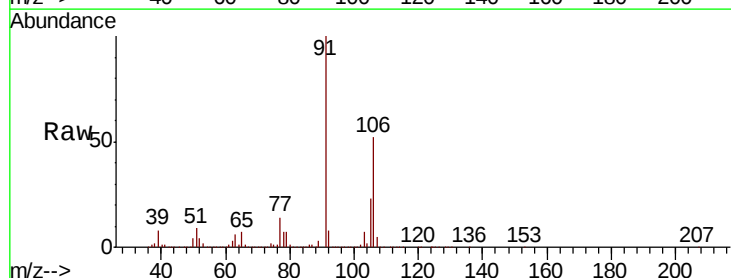
Instrument :
MSVOA_W
ClientSampled :

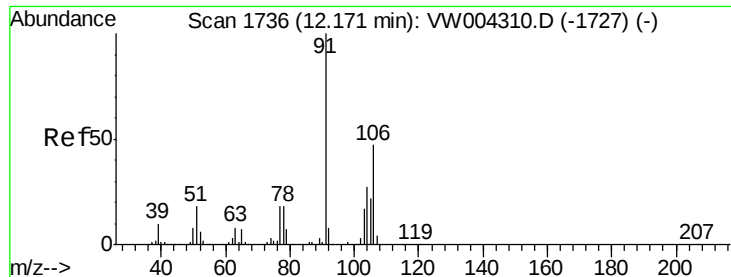
Tot Ion: 91 Resp: 821676
Ion Ratio Lower Upper
91 100
106 32.8 26.1 39.1



#68
m/p-Xylenes
Concen: 2421.680 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW004351.D
Acq: 30 Jul 2018 09:18

Tgt Ion: 106 Resp: 4783248
Ion Ratio Lower Upper
106 100
91 198.2 162.2 243.2

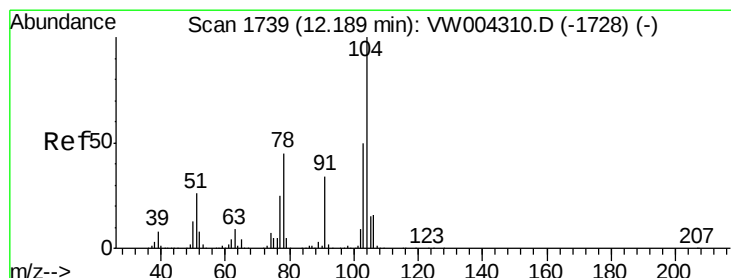
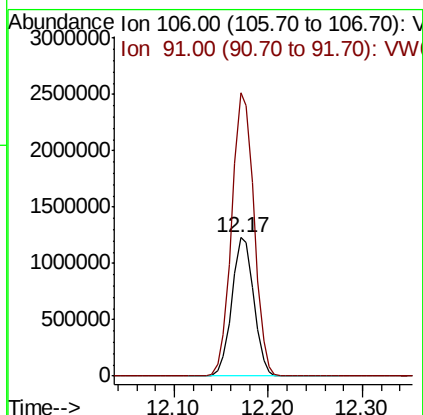
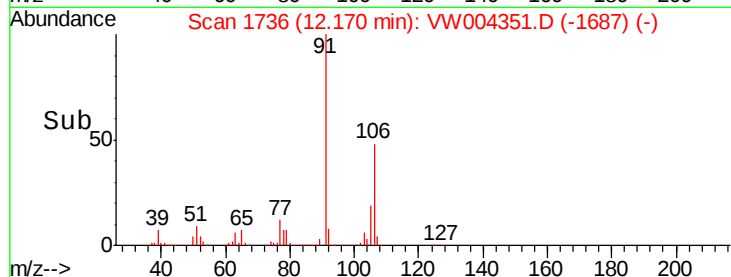
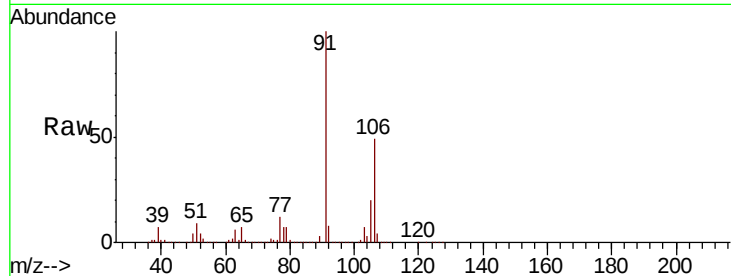




#69
o-Xylene
Concen: 1089.016 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004351.D
Acq: 30 Jul 2018 09:18

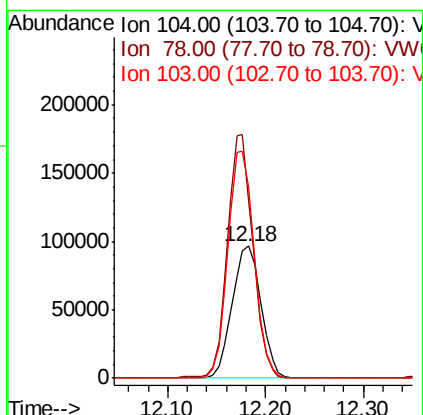
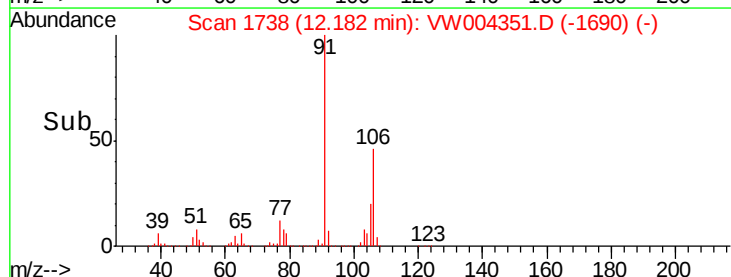
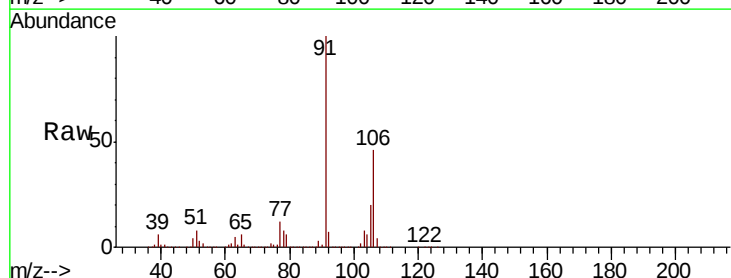
Instrument :
MSVOA_W
ClientSampled :

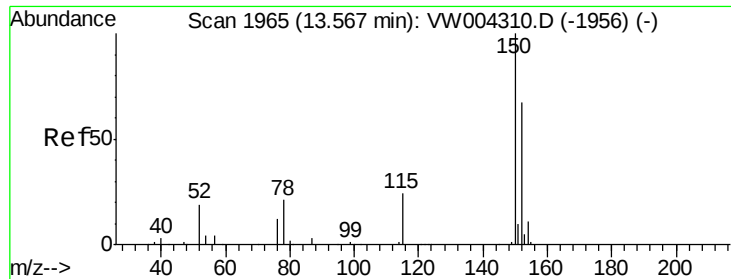
Tot Ion:106 Resp: 1987459
Ion Ratio Lower Upper
106 100
91 207.6 108.7 326.1



#70
Styrene
Concen: 63.842 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VW004351.D
Acq: 30 Jul 2018 09:18

Tgt Ion:104 Resp: 196843
Ion Ratio Lower Upper
104 100
78 163.5 40.9 61.3#
103 157.0 45.0 67.6#



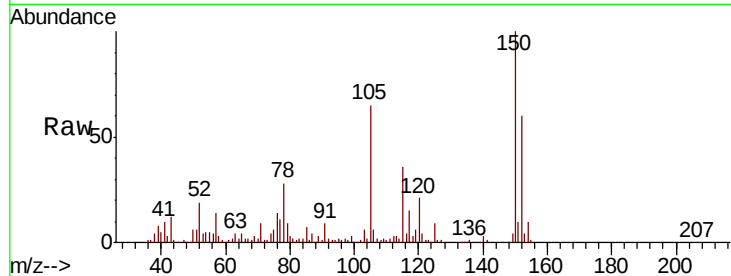


#72

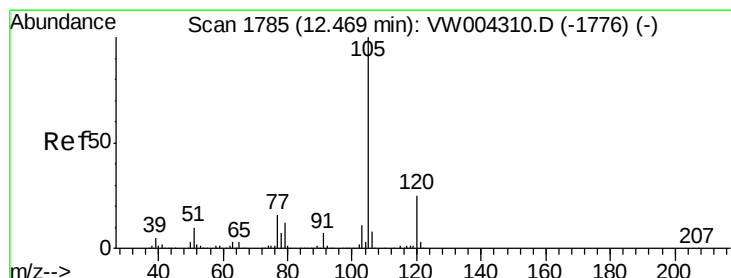
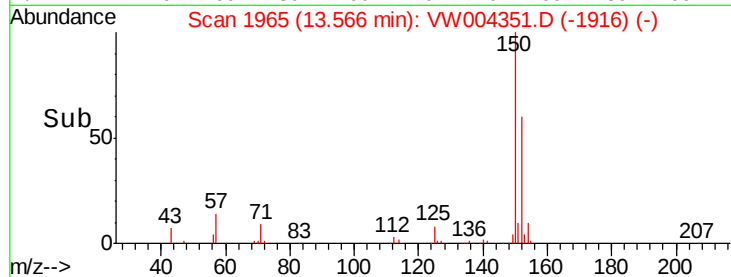
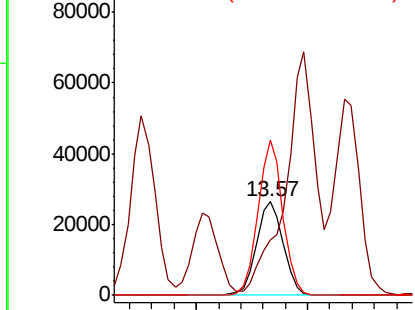
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004351.D
Acq: 30 Jul 2018 09:18

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:152 Resp: 44340
Ion Ratio Lower Upper
152 100
115 0.0 28.8 86.4#
150 153.4 0.0 346.4



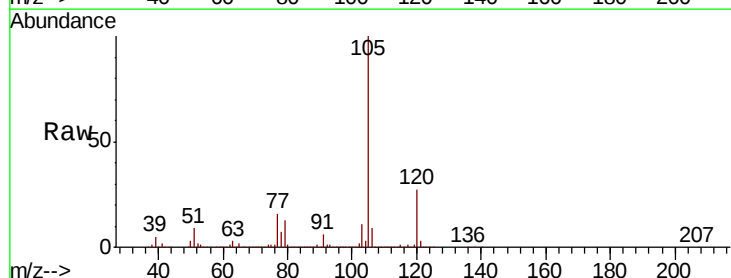
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



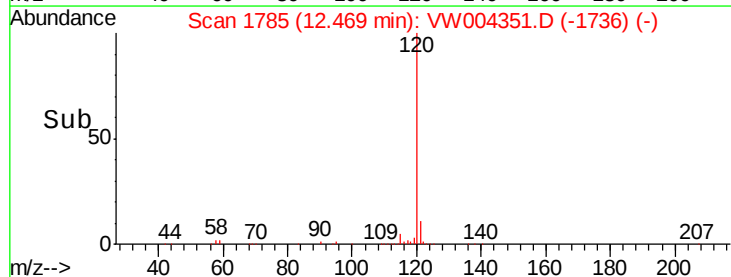
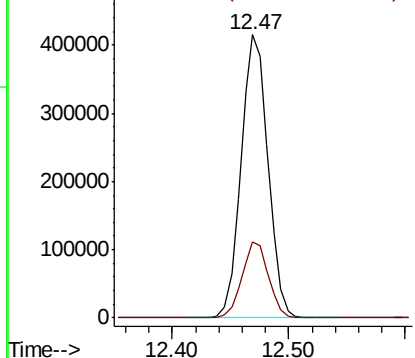
#73

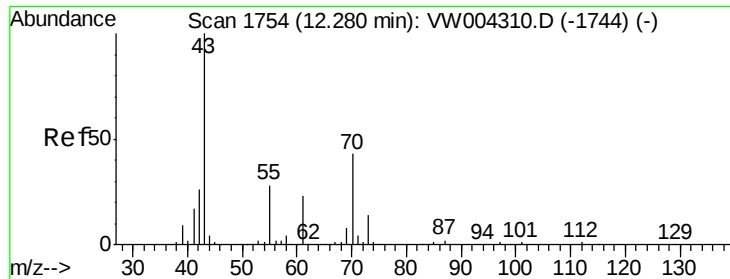
Isopropylbenzene
Concen: 216.653 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VW004351.D
Acq: 30 Jul 2018 09:18

Tgt Ion:105 Resp: 666100
Ion Ratio Lower Upper
105 100
120 26.5 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: 5.560 ug/l

RT: 12.26 min Scan# 1750

Delta R.T. -0.02 min

Lab File: VW004351.D

Acq: 30 Jul 2018 09:18

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 43 Resp: 2816

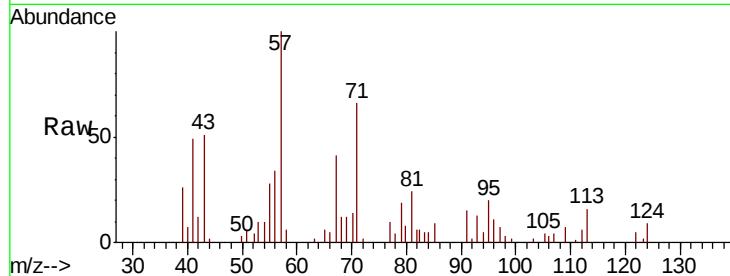
Ion Ratio Lower Upper

43 100

70 27.8 34.2 51.4#

55 17.3 21.8 32.8#

61 0.0 18.9 28.3#

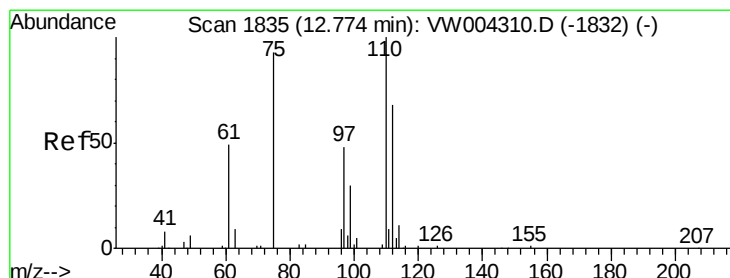
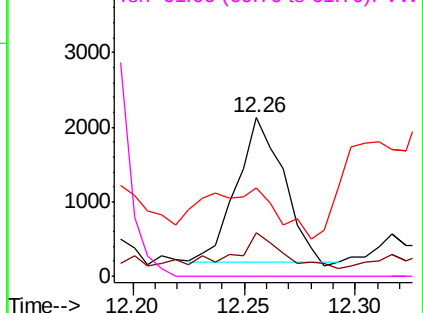
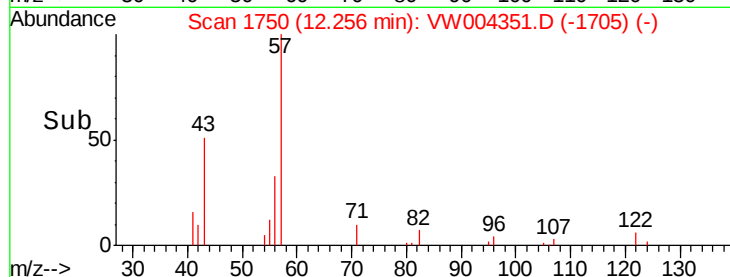


Abundance Ion 43.00 (42.70 to 43.70): VW

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



#76

1,2,3-Trichloropropane

Concen: 86.792 ug/l

RT: 12.87 min Scan# 1851

Delta R.T. 0.10 min

Lab File: VW004351.D

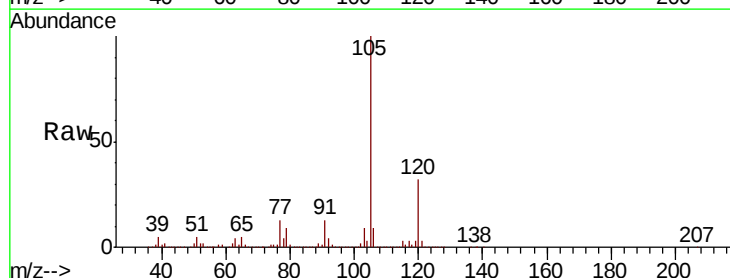
Acq: 30 Jul 2018 09:18

Tgt Ion: 75 Resp: 35122

Ion Ratio Lower Upper

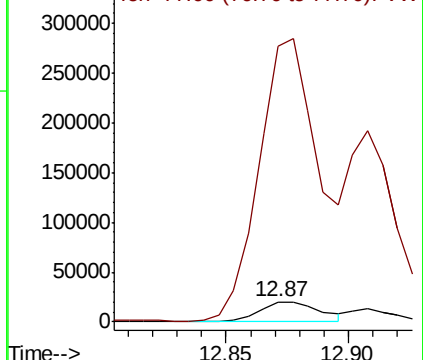
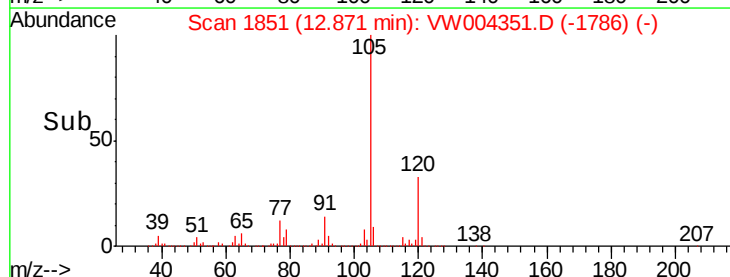
75 100

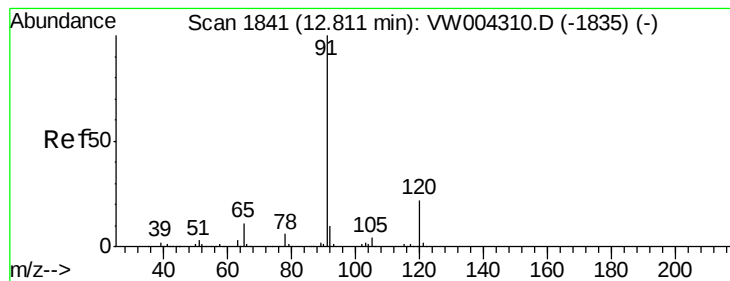
77 1391.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#78

n-propylbenzene

Concen: 13.338 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW004351.D

Acq: 30 Jul 2018 09:18

Instrument :

MSVOA_W

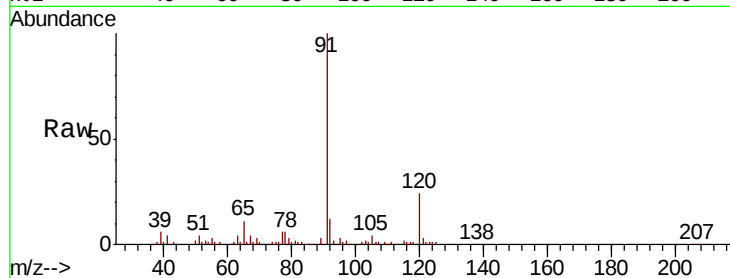
ClientSampled :

Tot Ion: 91 Resp: 49955

Ion Ratio Lower Upper

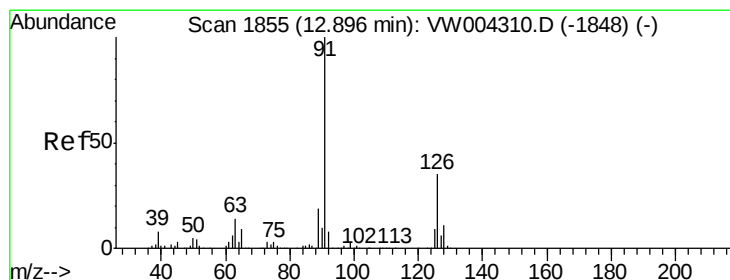
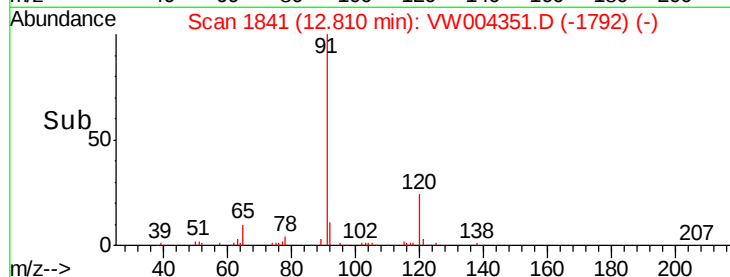
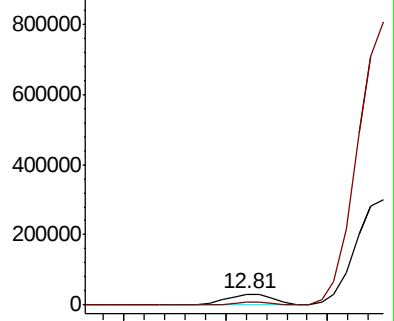
91 100

120 0.0 11.3 33.8#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 113.397 ug/l

RT: 12.91 min Scan# 1857

Delta R.T. 0.01 min

Lab File: VW004351.D

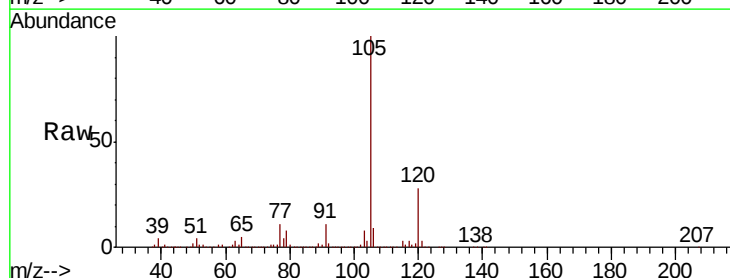
Acq: 30 Jul 2018 09:18

Tgt Ion: 91 Resp: 242929

Ion Ratio Lower Upper

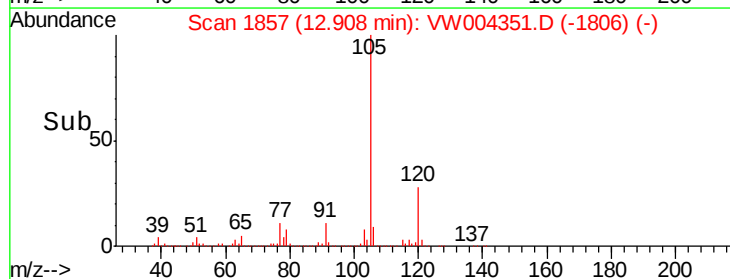
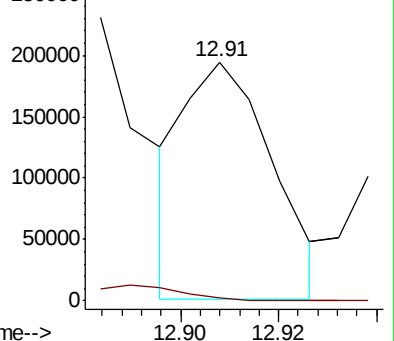
91 100

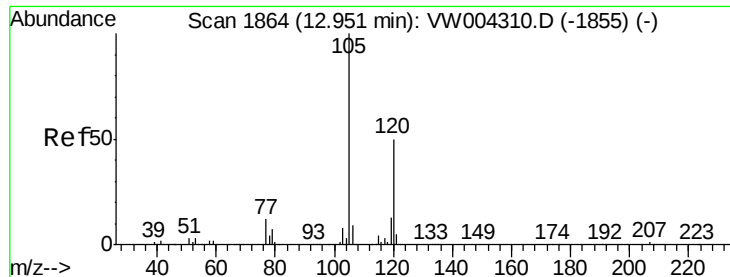
126 0.0 17.1 51.2#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 1458.649 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW004351.D

Acq: 30 Jul 2018 09:18

Instrument :

MSVOA_W

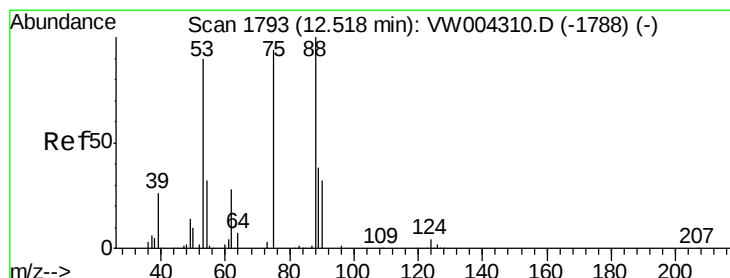
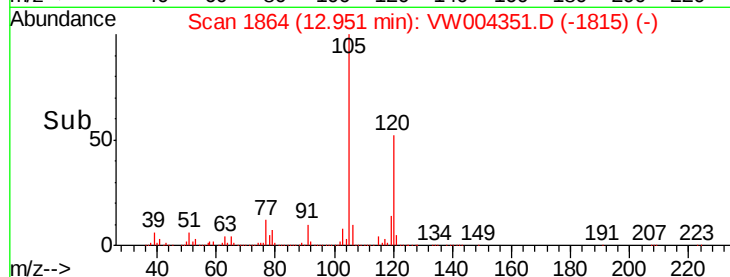
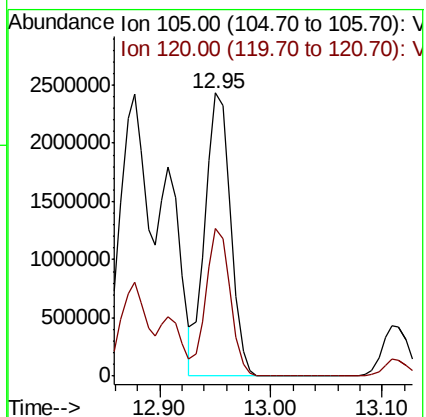
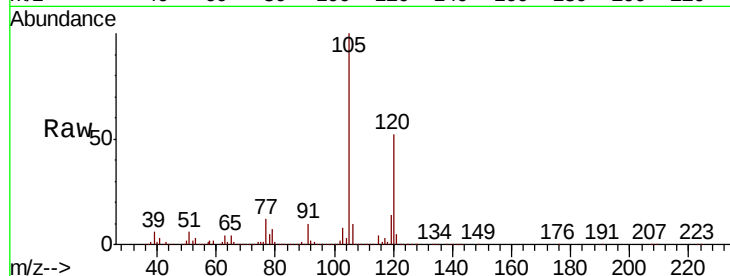
ClientSampleId :

Tot Ion:105 Resp: 3863387

Ion Ratio Lower Upper

105 100

120 50.0 25.1 75.2



#81

trans-1,4-Dichloro-2-butene

Concen: 42.539 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.05 min

Lab File: VW004351.D

Acq: 30 Jul 2018 09:18

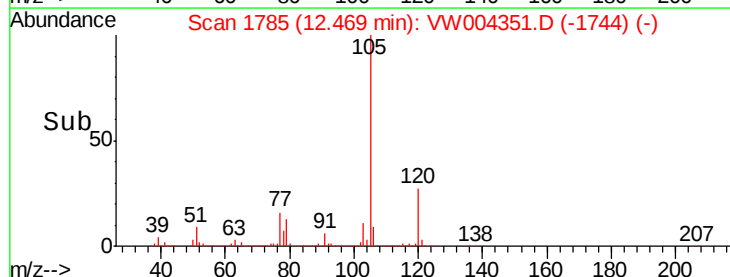
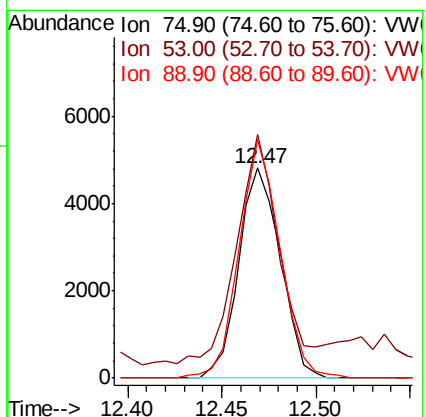
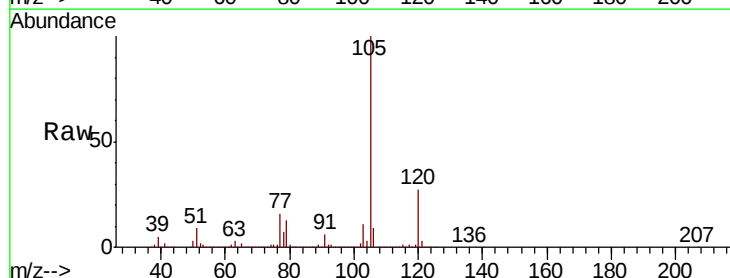
Tgt Ion: 75 Resp: 7398

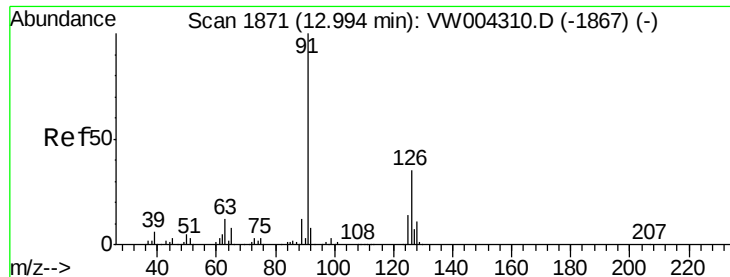
Ion Ratio Lower Upper

75 100

53 108.8 77.6 116.4

89 110.9 36.0 54.0#





#82

4-Chlorotoluene

Concen: 172.052 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.04 min

Lab File: VW004351.D

Acq: 30 Jul 2018 09:18

Instrument :

MSVOA_W

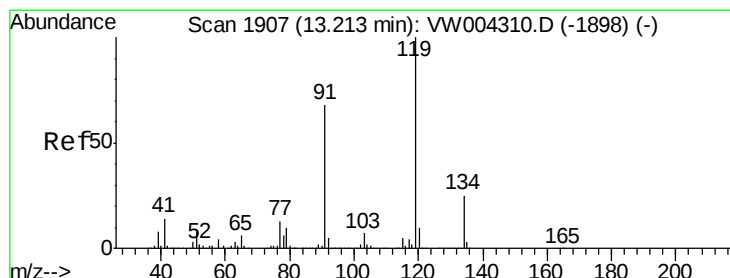
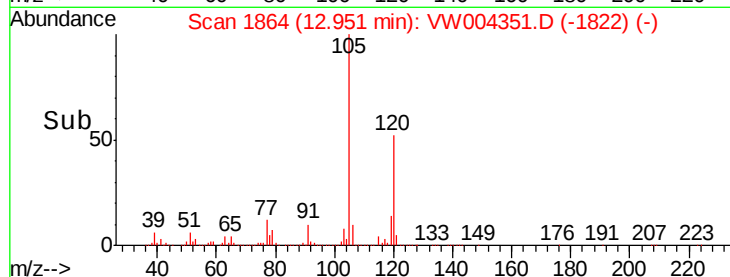
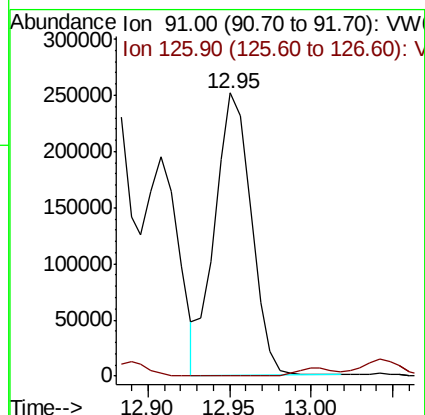
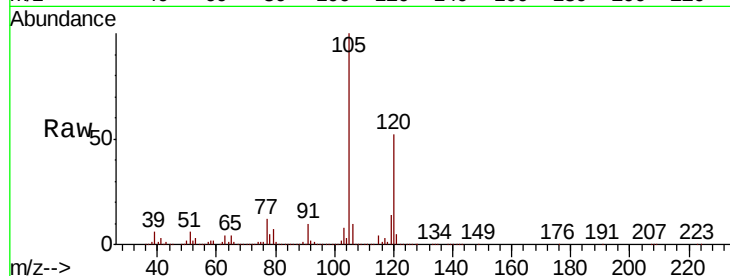
ClientSampleId :

Tot Ion: 91 Resp: 390023

Ion Ratio Lower Upper

91 100

126 0.0 17.4 52.3#



#83

tert-Butylbenzene

Concen: 529.729 ug/l

RT: 13.26 min Scan# 1915

Delta R.T. 0.05 min

Lab File: VW004351.D

Acq: 30 Jul 2018 09:18

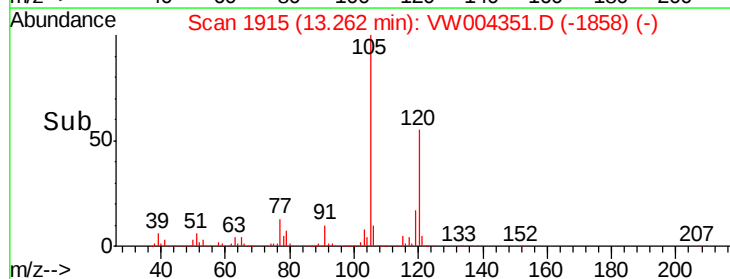
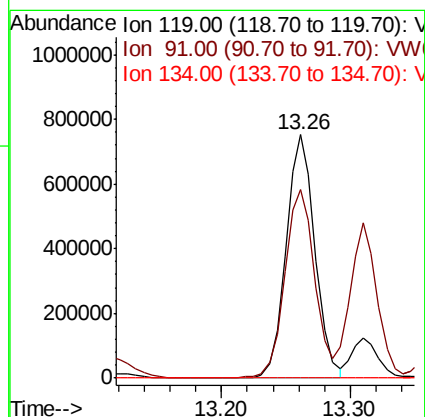
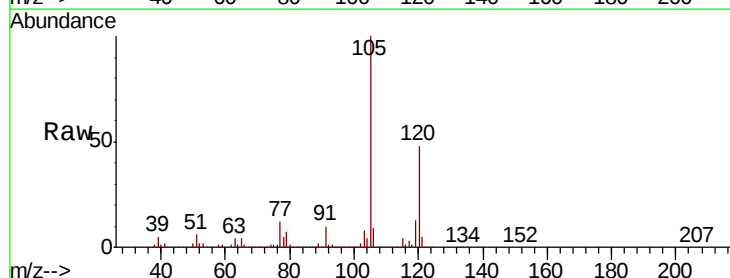
Tgt Ion: 119 Resp: 1168859

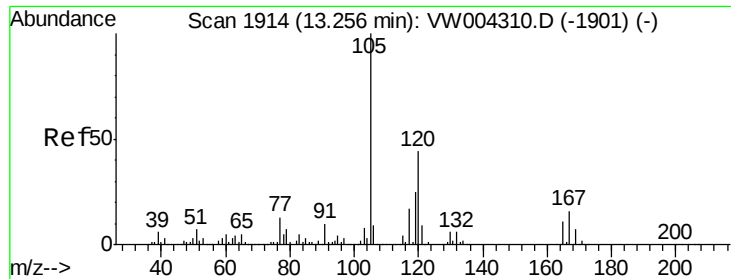
Ion Ratio Lower Upper

119 100

91 80.6 32.8 98.3

134 0.0 12.2 36.6#

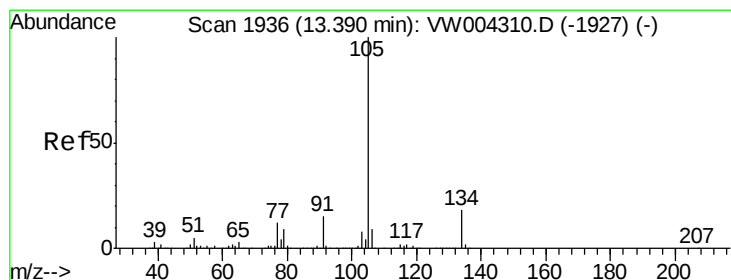
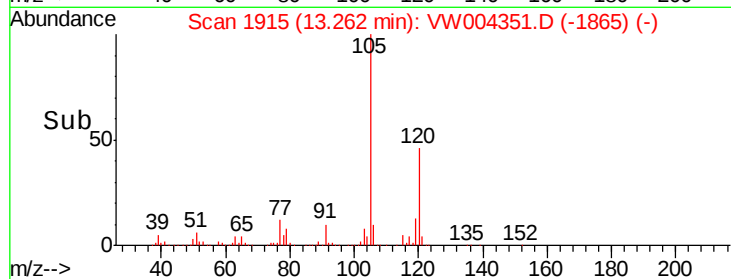
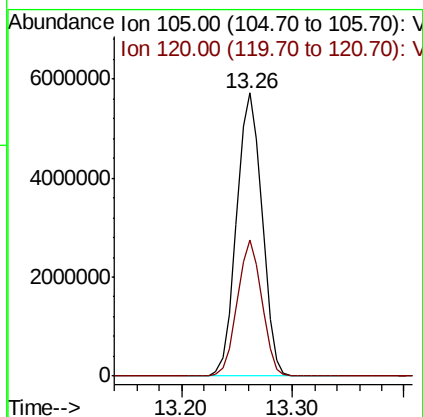
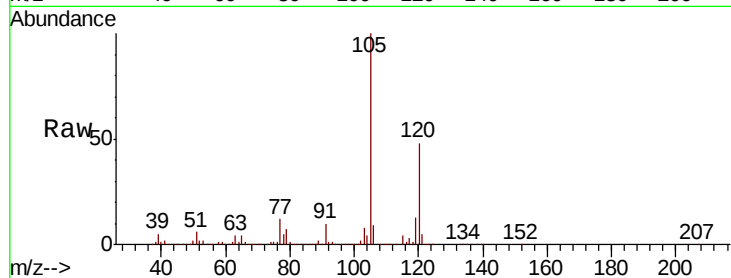




#84
 1,2,4-Trimethylbenzene
 Concen: 3339.578 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.01 min
 Lab File: VW004351.D
 Acq: 30 Jul 2018 09:18

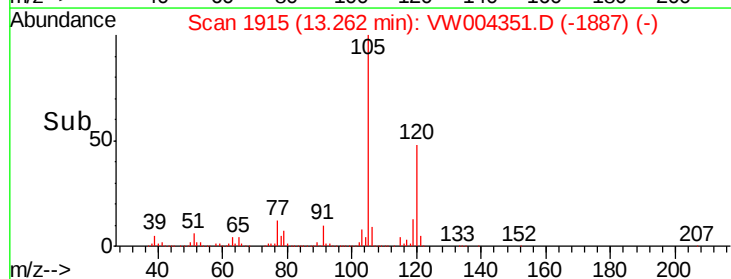
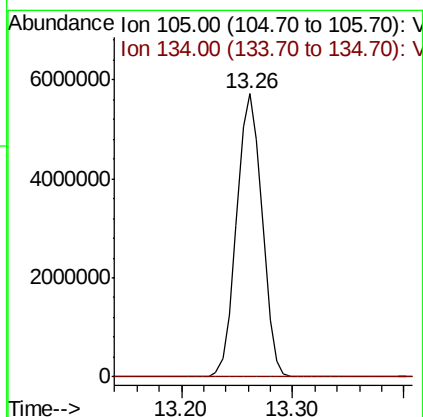
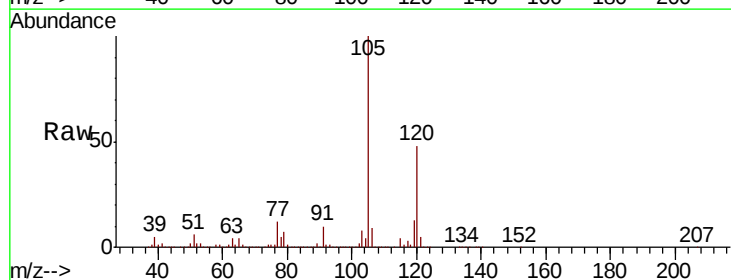
Instrument :
 MSVOA_W
 ClientSampleId :

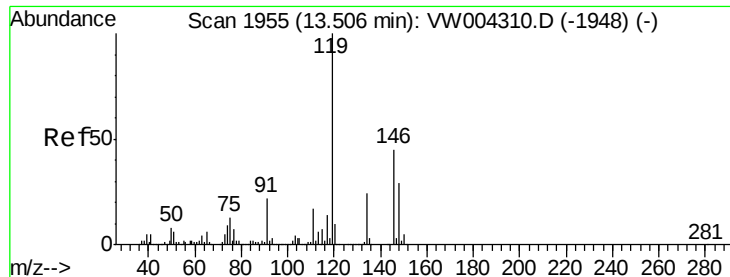
Tot Ion:105 Resp: 9021010
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.7 68.0



#85
 sec-Butylbenzene
 Concen: 2798.881 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. -0.13 min
 Lab File: VW004351.D
 Acq: 30 Jul 2018 09:18

Tgt Ion:105 Resp: 9021010
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.6 28.8#

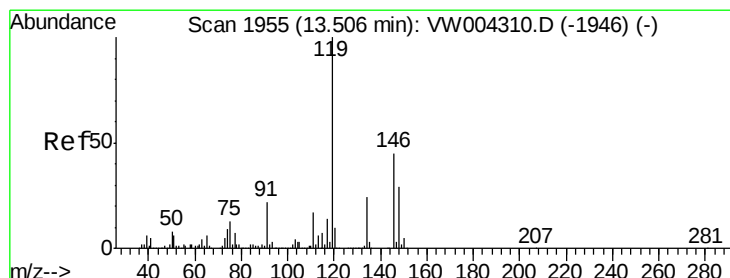
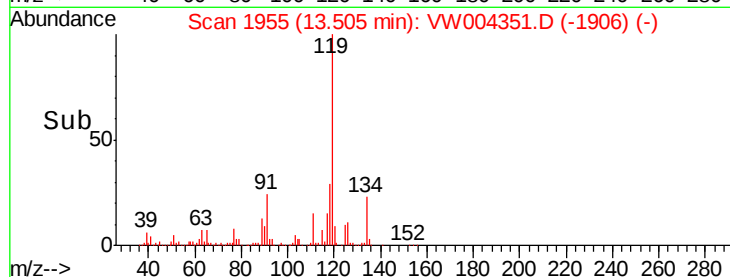
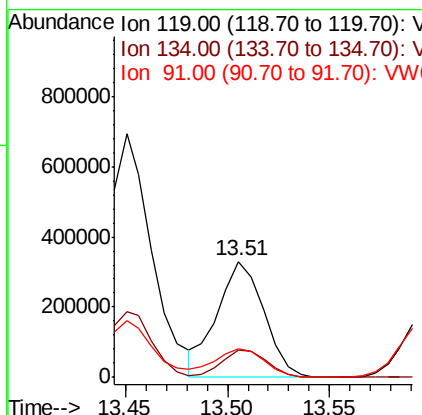
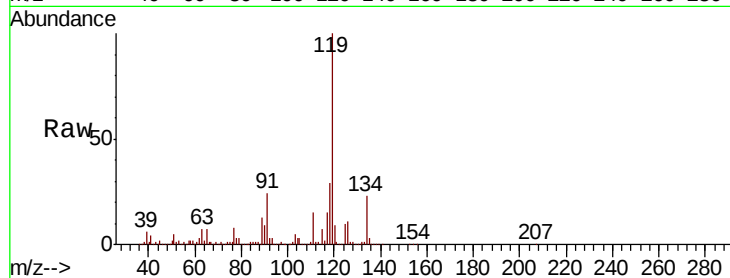




#86
 p-Isopropyltoluene
 Concen: 181.331 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004351.D
 Acq: 30 Jul 2018 09:18

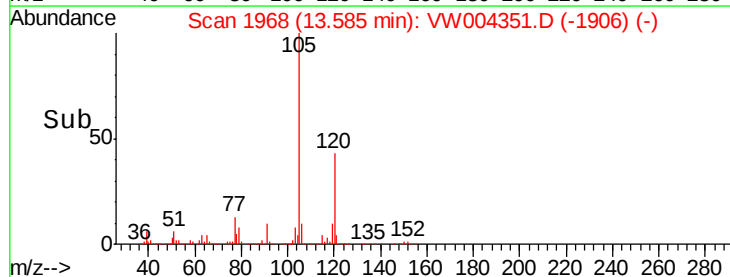
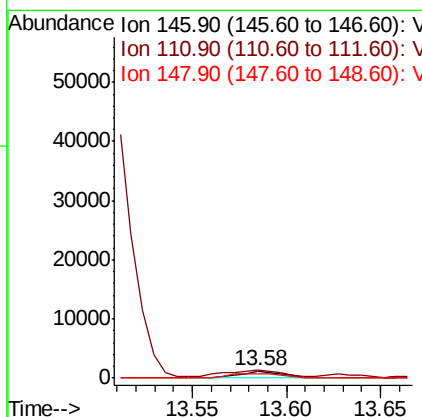
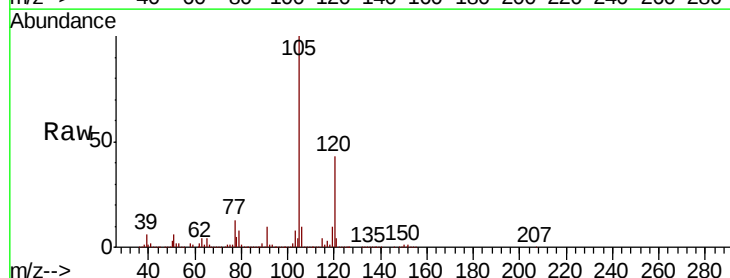
Instrument :
 MSVOA_W
 ClientSampled :

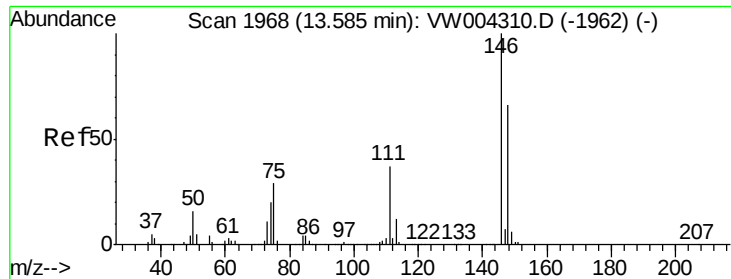
Tot Ion	Ratio	Lower	Upper
119	100		
134	23.0	12.6	37.8
91	25.4	11.3	33.9



#87
 1,3-Dichlorobenzene
 Concen: 1.219 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.08 min
 Lab File: VW004351.D
 Acq: 30 Jul 2018 09:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.9	59.6#
148	89.4	31.9	95.5

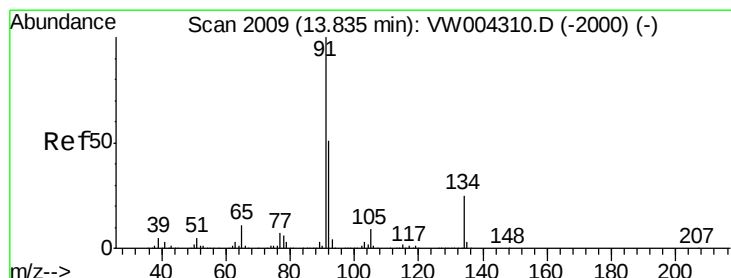
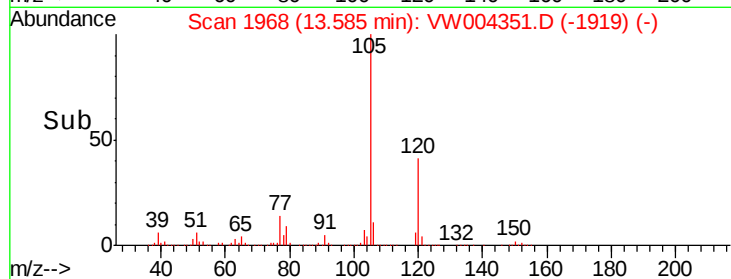
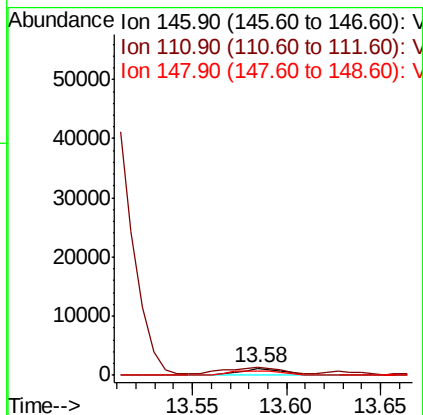
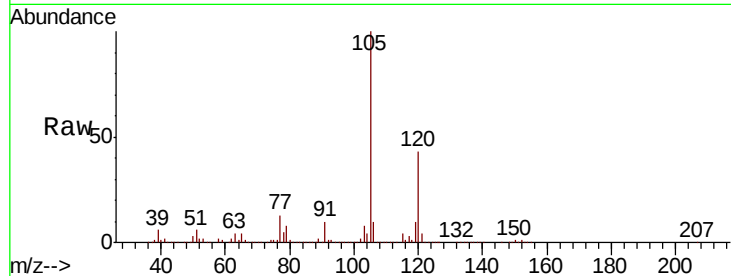




#88
 1,4-Dichlorobenzene
 Concen: 1.222 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW004351.D
 Acq: 30 Jul 2018 09:18

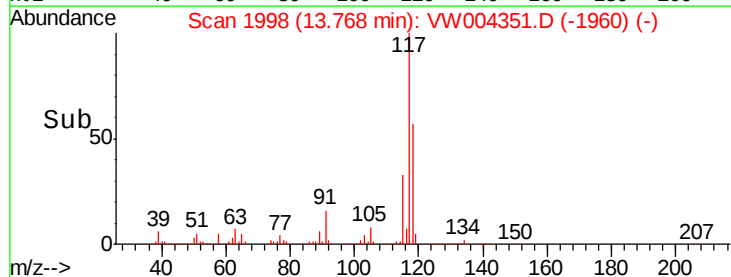
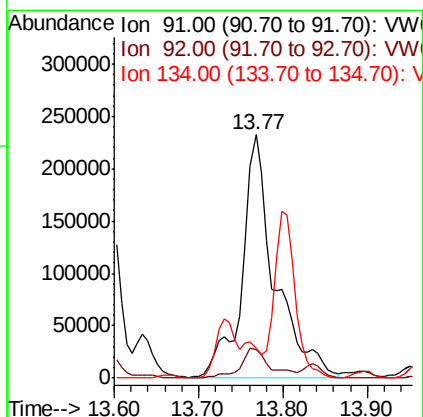
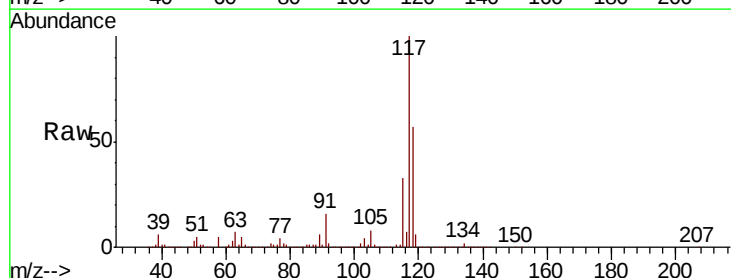
Instrument :
 MSVOA_W
 ClientSampled :

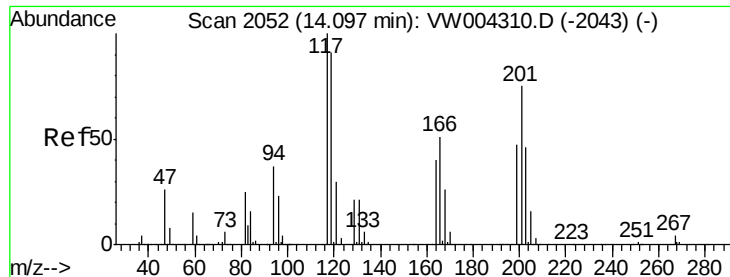
Tot Ion:146 Resp: 1813
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.4 58.1#
 148 89.4 32.8 98.3



#89
 n-Butylbenzene
 Concen: 223.688 ug/l
 RT: 13.77 min Scan# 1998
 Delta R.T. -0.07 min
 Lab File: VW004351.D
 Acq: 30 Jul 2018 09:18

Tgt Ion: 91 Resp: 604653
 Ion Ratio Lower Upper
 91 100
 92 11.0 26.4 79.2#
 134 0.0 12.9 38.6#





#90

Hexachloroethane

Concen: 196.667 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.01 min

Lab File: VW004351.D

Acq: 30 Jul 2018 09:18

Instrument :

MSVOA_W

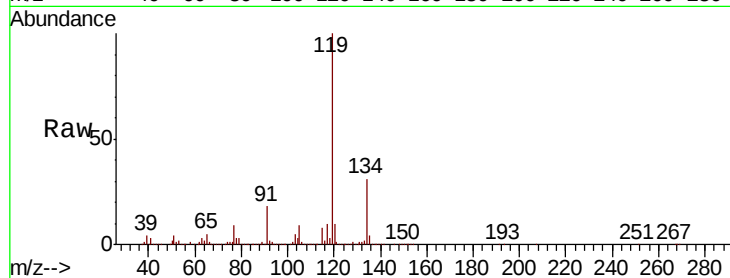
ClientSampleId :

Tot Ion:117 Resp: 101538

Ion Ratio Lower Upper

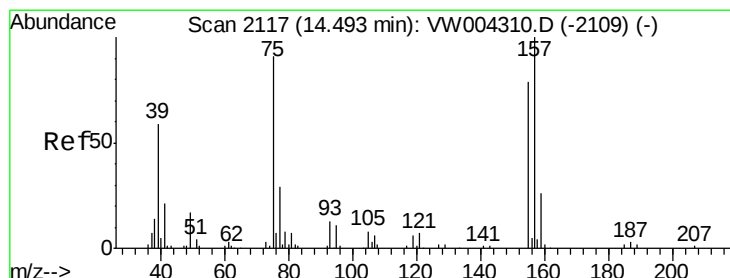
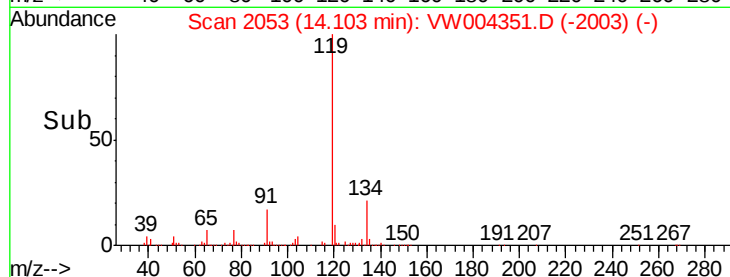
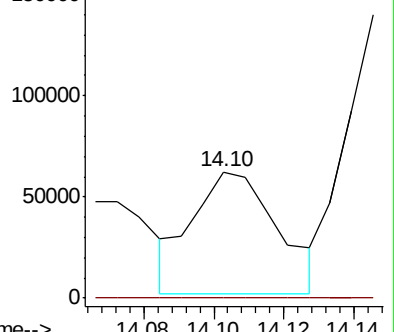
117 100

201 0.0 41.5 124.5#



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: 1284.548 ug/l

RT: 14.50 min Scan# 2118

Delta R.T. 0.01 min

Lab File: VW004351.D

Acq: 30 Jul 2018 09:18

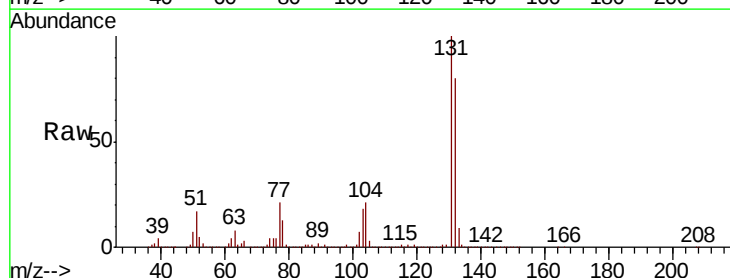
Tgt Ion: 75 Resp: 120766

Ion Ratio Lower Upper

75 100

155 0.0 41.4 124.4#

157 0.0 55.2 165.6#



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

