

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071918\
 Data File : VW004038.D
 Acq On : 19 Jul 2018 14:25
 Operator : VA/AP
 Sample : J4038-15
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB1J3

Quant Time: Jul 20 06:47:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 20 06:42:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	325048	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	301551	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	155198	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	69826	21.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.84%
7) Chloroethane-d5	2.89	69	54094	23.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.36%
10) 1,1-Dichloroethene-d2	4.01	63	178958	23.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.80%
20) 2-Butanone-d5	7.08	46	89914	47.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.38%
24) Chloroform-d	7.65	84	185232	24.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.04%
26) 1,2-Dichloroethane-d4	8.31	65	113267	24.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.52%
29) Benzene-d6	8.27	84	345775	24.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.88%
33) 1,2-Dichloropropane-d6	9.28	67	119184	25.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.20%
37) Toluene-d8	10.33	98	305207	24.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.12%
38) trans-1,3-Dichloropropene-	10.59	79	50692	24.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.92%
39) 2-Hexanone-d5	10.93	63	62332	49.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.28%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	125505	24.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.24%
61) 1,2-Dichlorobenzene-d4	13.87	152	124864	25.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.08%

Target Compounds

					Qvalue
3) Chloromethane	2.21	50	75525	22.700	ug/L 96
6) Bromomethane	2.77	94	28355	10.661	ug/L 99
9) Trichlorofluoromethane	3.26	101	43758	17.531	ug/L 100
12) 1,1-Dichloroethene	4.03	96	99207	22.928	ug/L 97
13) Acetone	4.12	43	149318	72.846	ug/L 99
15) Methyl Acetate	4.67	43	121811	34.835	ug/L 99
16) Methylene chloride	4.92	84	60317	9.673	ug/L 92
17) Methyl tert-butyl Ether	5.43	73	271991	32.503	ug/L 100
18) trans-1,2-Dichloroethene	5.42	96	49629	11.141	ug/L 96
22) cis-1,2-Dichloroethene	7.17	96	126485	26.565	ug/L 95
23) Bromochloromethane	7.51	128	33929	15.155	ug/L 95
27) 1,2-Dichloroethane	8.40	62	65023	10.194	ug/L 98
30) Cyclohexane	7.96	56	76663	10.424	ug/L 99
31) 1,1,1-Trichloroethane	7.87	97	73507	10.718	ug/L 99
32) Carbon tetrachloride	8.07	117	87200	13.179	ug/L 100
35) Trichloroethene	9.09	95	205385	41.528	ug/L 99
36) Methylcyclohexane	9.34	83	229841	28.118	ug/L 99

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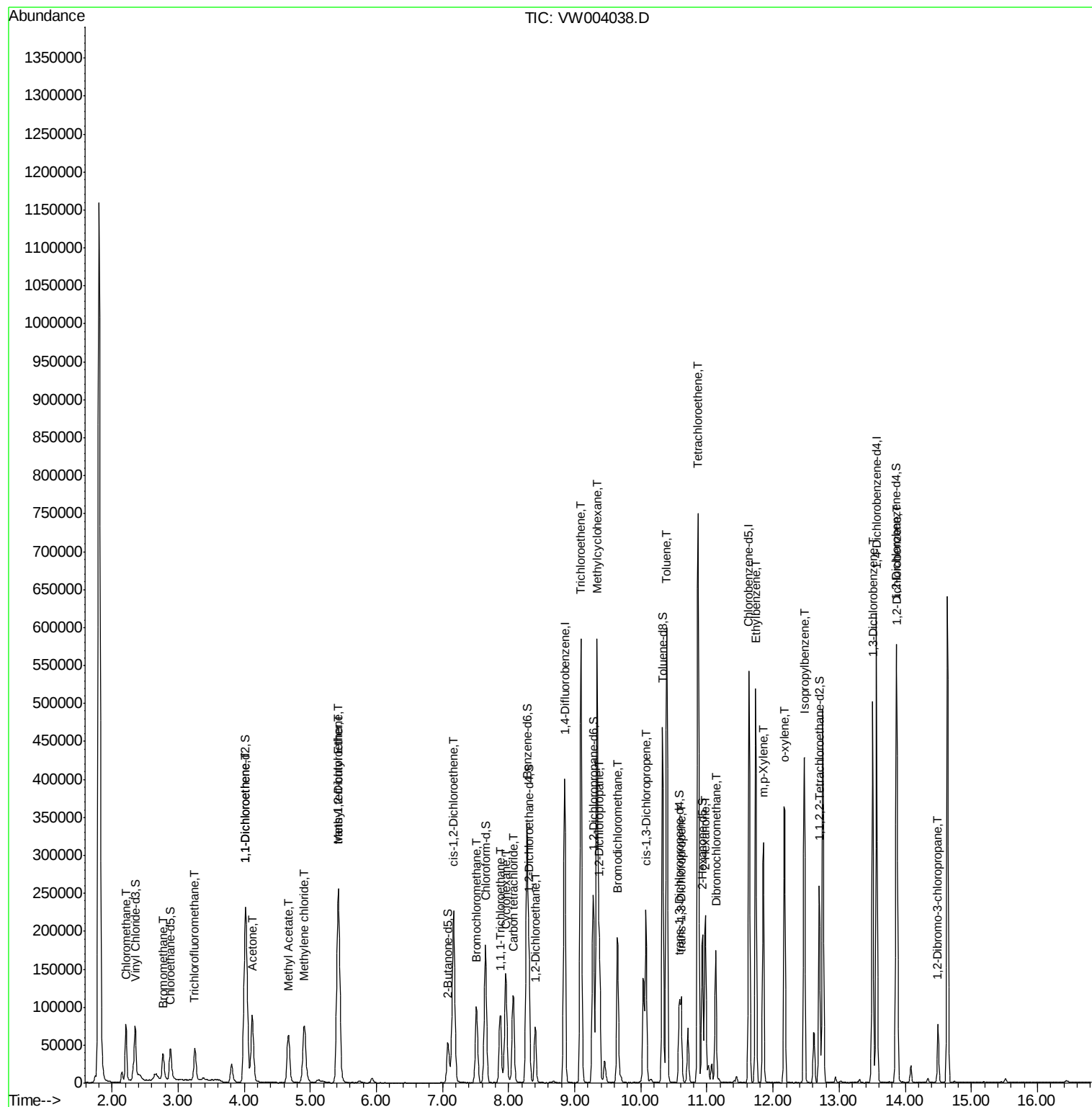
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 1,2-Dichloropropane	9.37	63	66190	13.209	ug/L	99
41) Bromodichloromethane	9.65	83	126174	20.451	ug/L	98
42) cis-1,3-Dichloropropene	10.08	75	130824	18.528	ug/L	97
44) Toluene	10.39	91	428024	22.098	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	56569	8.686	ug/L	94
47) Tetrachloroethene	10.87	164	166824	41.824	ug/L	95
49) 2-Hexanone	10.98	43	130108	38.150	ug/L	96
50) Dibromochloromethane	11.13	129	89378	20.487	ug/L	95
53) Ethylbenzene	11.74	91	338358	16.138	ug/L	99
54) m,p-Xylene	11.85	106	83776	10.841	ug/L	97
55) o-xylene	12.18	106	94996	12.852	ug/L	100
57) Isopropylbenzene	12.48	105	271500	13.397	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	199934	20.916	ug/L	100
65) 1,2-Dichlorobenzene	13.88	146	96453	10.354	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	18501	17.036	ug/L	94

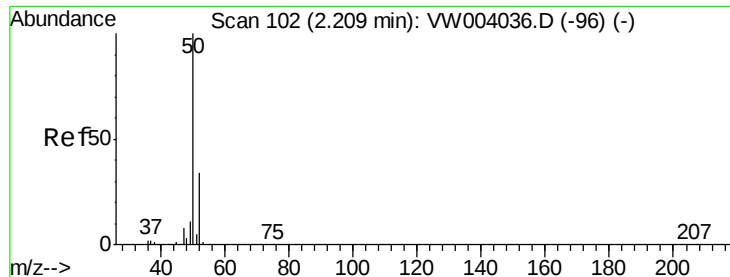
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 22.700 ug/L

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW004038.D

Acq: 19 Jul 2018 14:25

Instrument :

MSVOA_W

ClientSampleId :

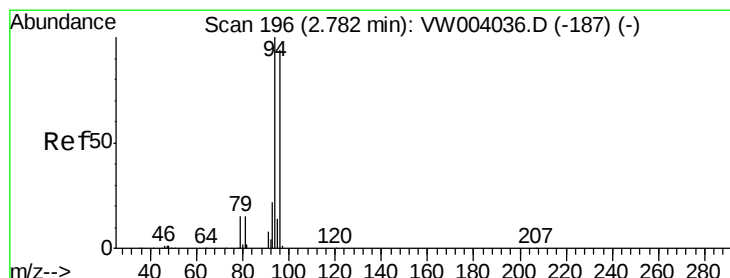
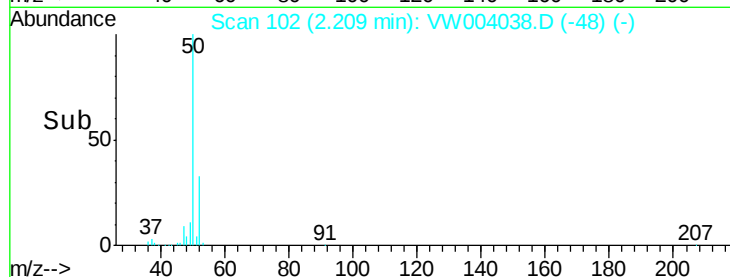
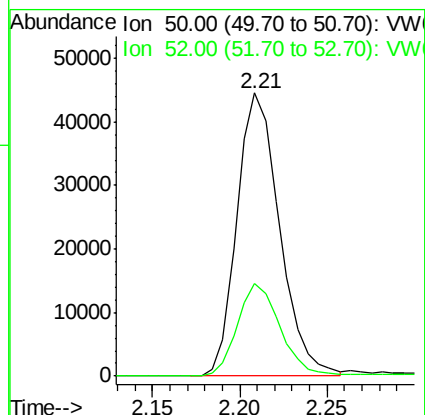
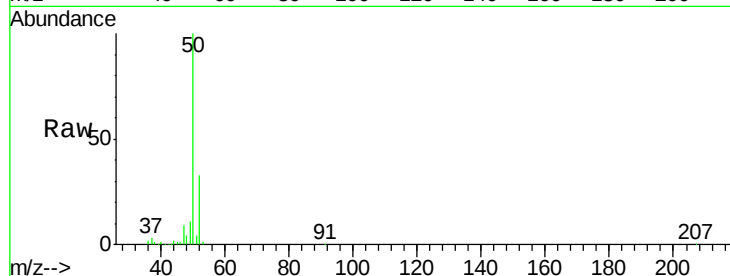
DB1J3

Tgt Ion: 50 Resp: 75525

Ion Ratio Lower Upper

50 100

52 32.7 21.3 39.6



#6

Bromomethane

Concen: 10.661 ug/L

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW004038.D

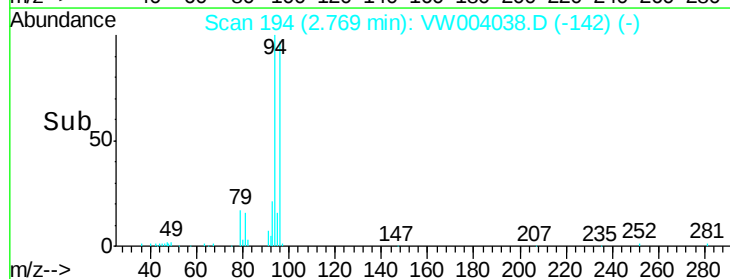
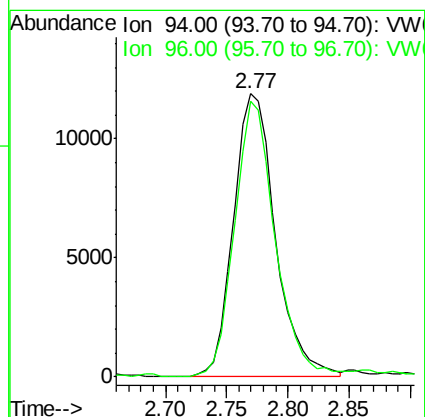
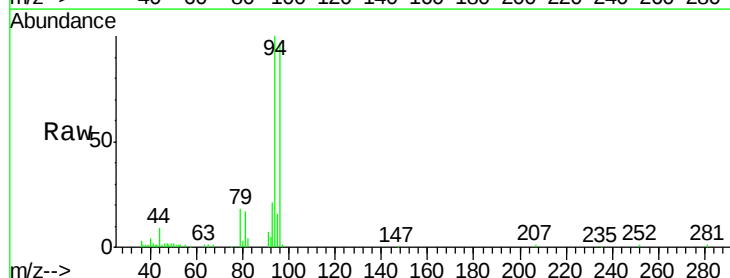
Acq: 19 Jul 2018 14:25

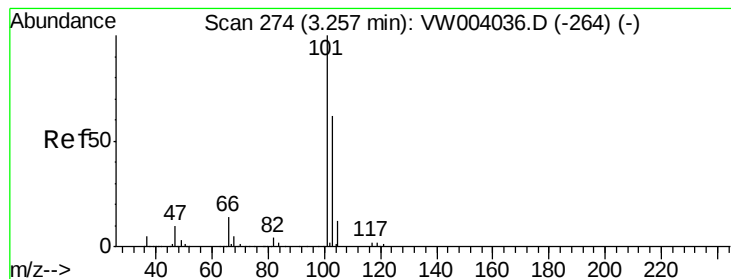
Tgt Ion: 94 Resp: 28355

Ion Ratio Lower Upper

94 100

96 94.0 9.5 179.9



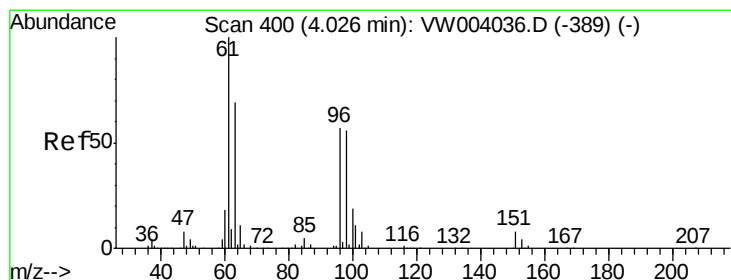
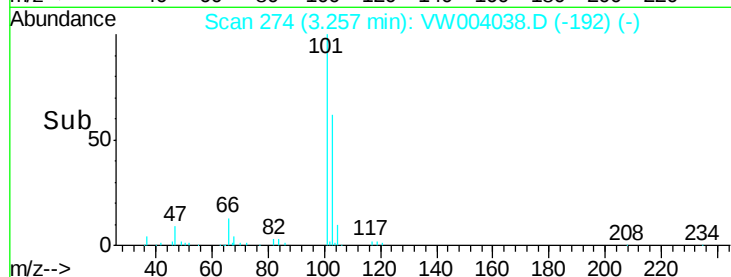
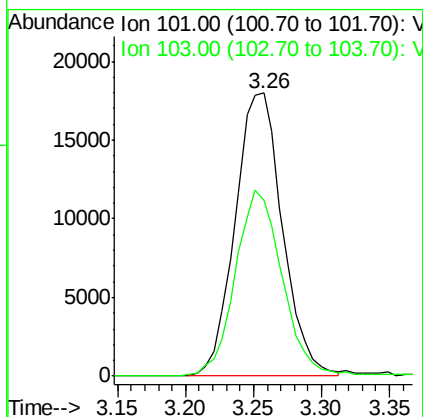
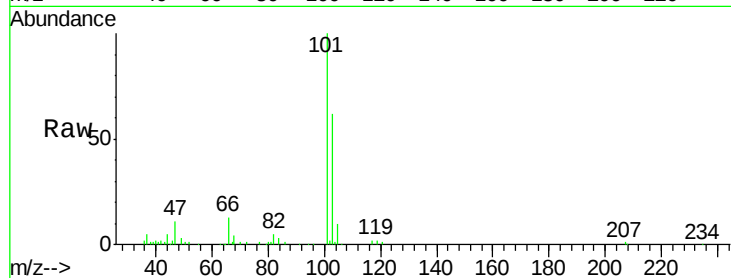


#9

Trichlorofluoromethane
 Concen: 17.531 ug/L
 RT: 3.26 min Scan# 274
 Delta R.T. -0.00 min
 Lab File: VW004038.D
 Acq: 19 Jul 2018 14:25

Instrument :
 MSVOA_W
 ClientSampled :
 DB1J3

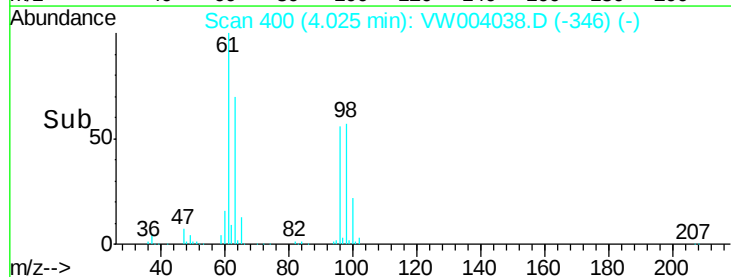
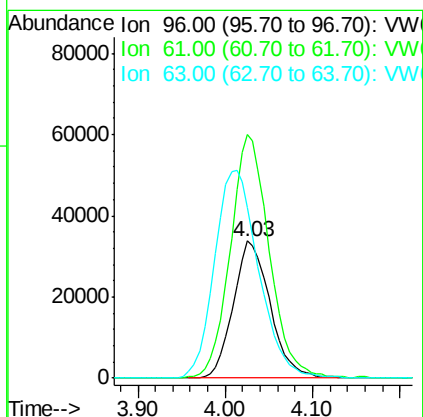
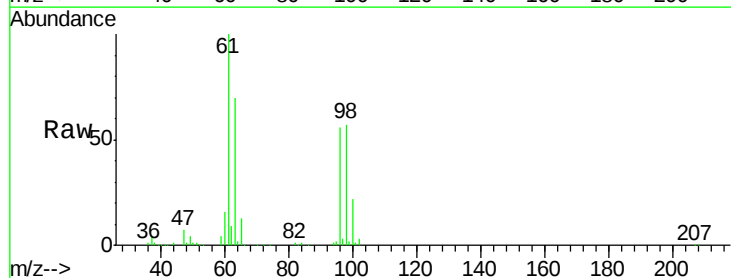
Tgt Ion: 101 Resp: 43758
 Ion Ratio Lower Upper
 101 100
 103 64.9 45.6 84.8

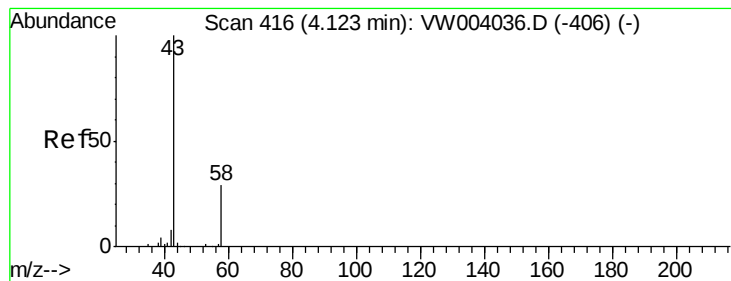


#12

1,1-Dichloroethene
 Concen: 22.928 ug/L
 RT: 4.03 min Scan# 400
 Delta R.T. -0.00 min
 Lab File: VW004038.D
 Acq: 19 Jul 2018 14:25

Tgt Ion: 96 Resp: 99207
 Ion Ratio Lower Upper
 96 100
 61 177.6 127.3 236.5
 63 124.1 88.5 164.4





#13

Acetone

Concen: 72.846 ug/L

RT: 4.12 min Scan# 416

Delta R.T. -0.00 min

Lab File: VW004038.D

Acq: 19 Jul 2018 14:25

Instrument :

MSVOA_W

ClientSampleId :

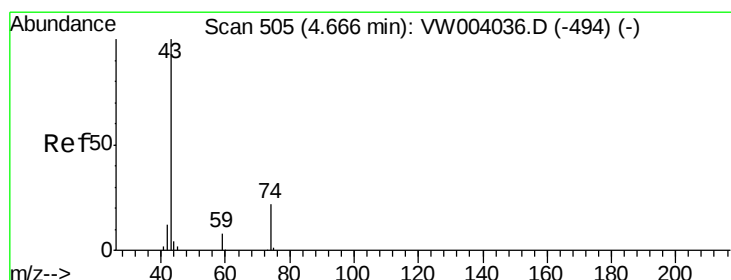
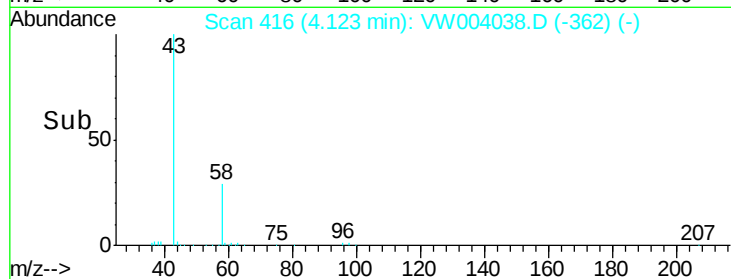
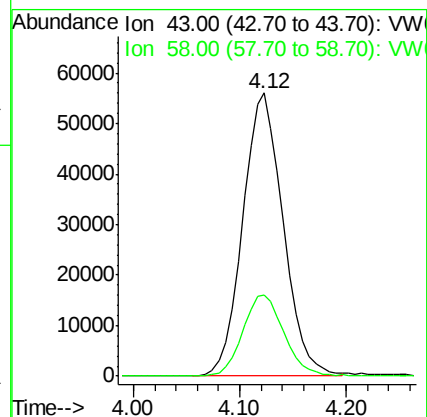
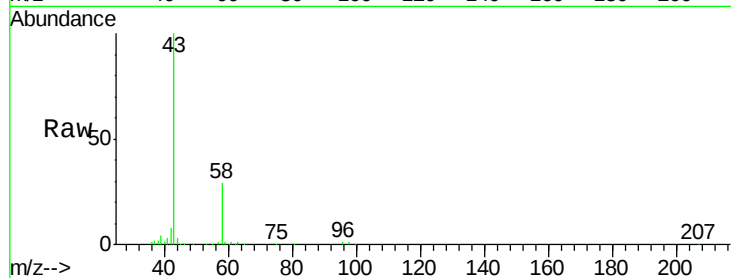
DB1J3

Tgt Ion: 43 Resp: 149318

Ion Ratio Lower Upper

43 100

58 29.1 0.0 59.4



#15

Methyl Acetate

Concen: 34.835 ug/L

RT: 4.67 min Scan# 506

Delta R.T. 0.01 min

Lab File: VW004038.D

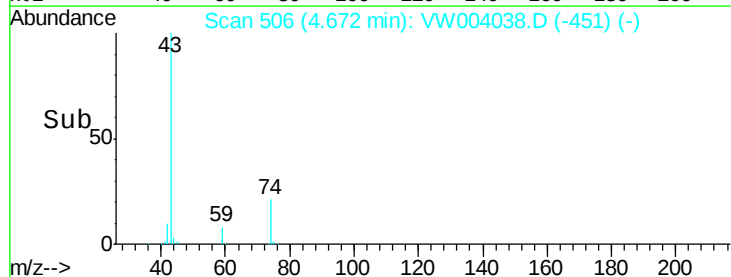
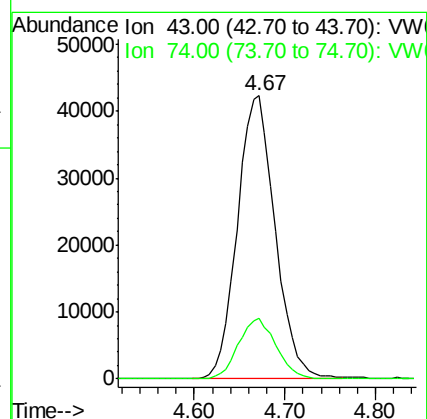
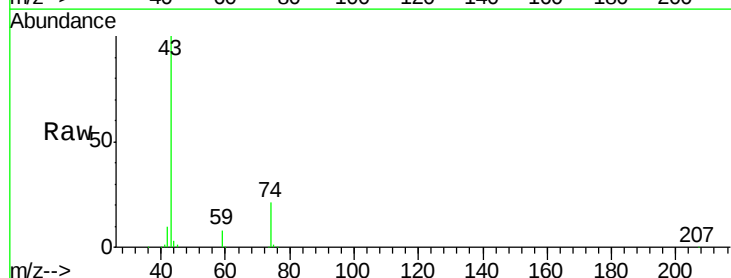
Acq: 19 Jul 2018 14:25

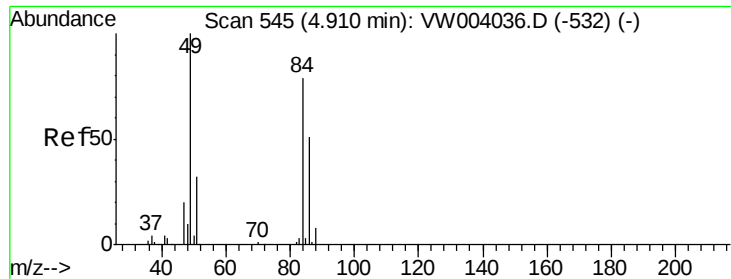
Tgt Ion: 43 Resp: 121811

Ion Ratio Lower Upper

43 100

74 21.3 16.6 24.8

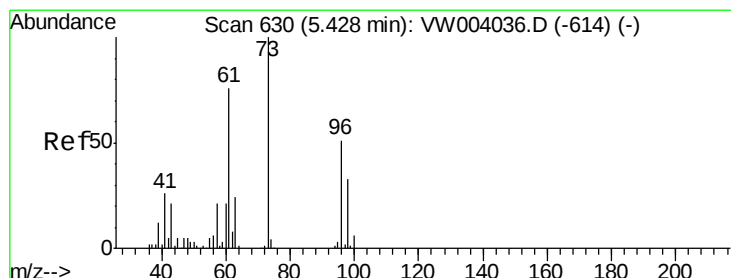
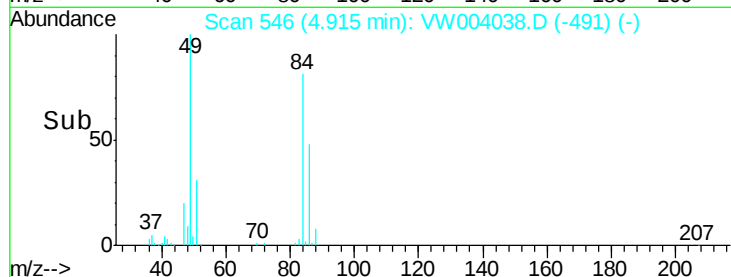
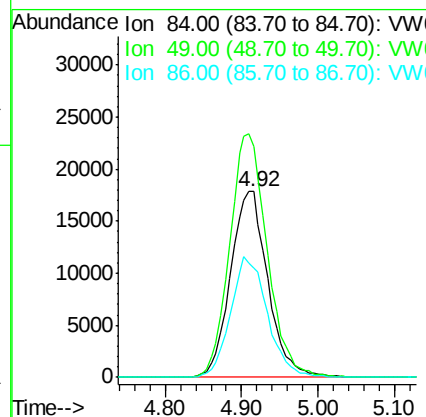
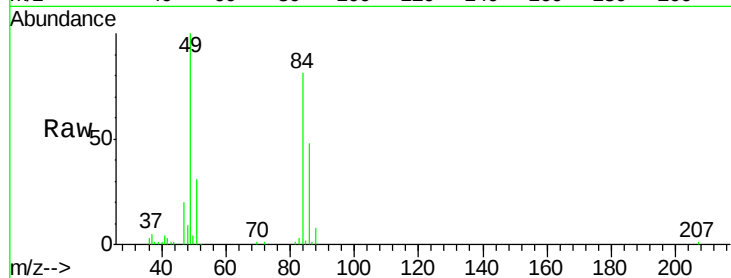




#16
Methylene chloride
Concen: 9.673 ug/L
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW004038.D
Acq: 19 Jul 2018 14:25

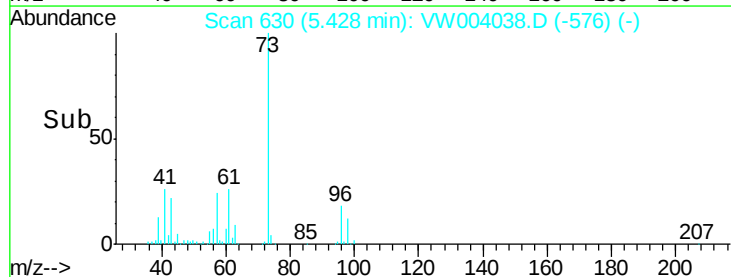
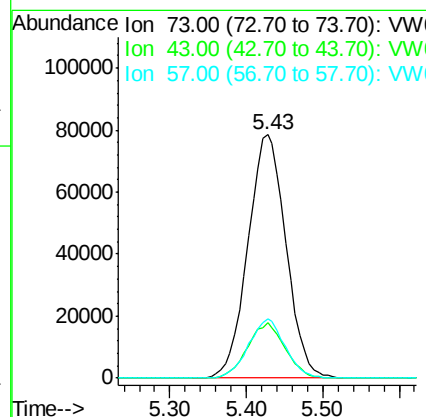
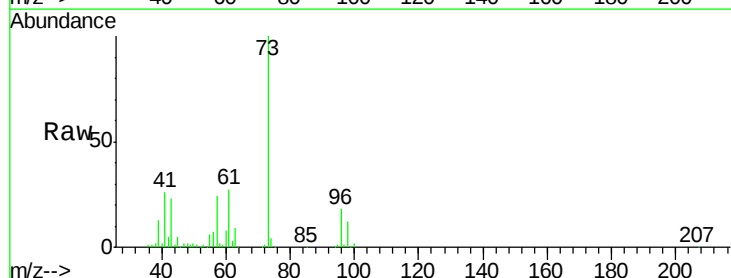
Instrument :
MSVOA_W
ClientSampleId :
DB1J3

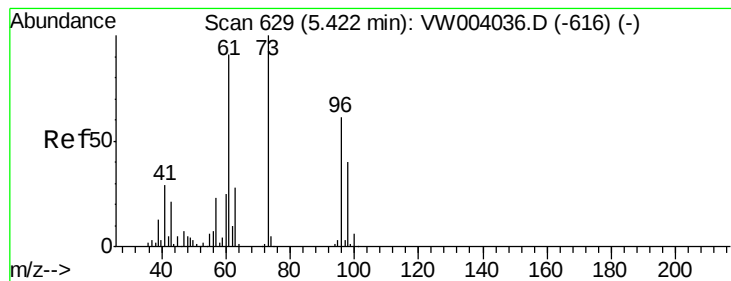
Tgt Ion: 84 Resp: 60317
Ion Ratio Lower Upper
84 100
49 124.0 94.2 175.0
86 59.1 45.1 83.9



#17
Methyl tert-butyl Ether
Concen: 32.503 ug/L
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW004038.D
Acq: 19 Jul 2018 14:25

Tgt Ion: 73 Resp: 271991
Ion Ratio Lower Upper
73 100
43 22.4 18.1 27.1
57 23.6 19.0 28.4





#18

trans-1,2-Dichloroethene

Concen: 11.141 ug/L

RT: 5.42 min Scan# 628

Delta R.T. -0.01 min

Lab File: VW004038.D

Acq: 19 Jul 2018 14:25

Instrument :

MSVOA_W

ClientSampleId :

DB1J3

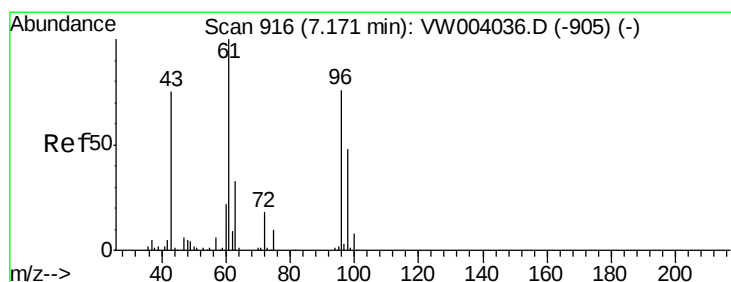
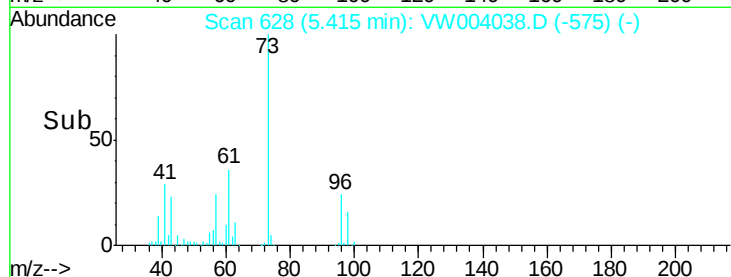
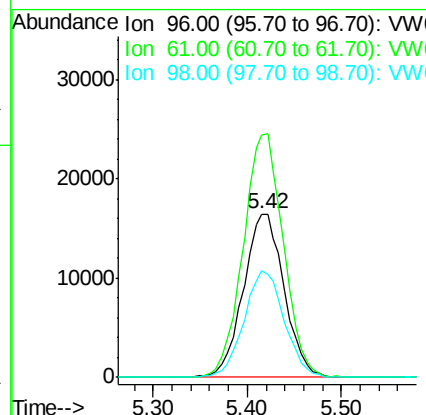
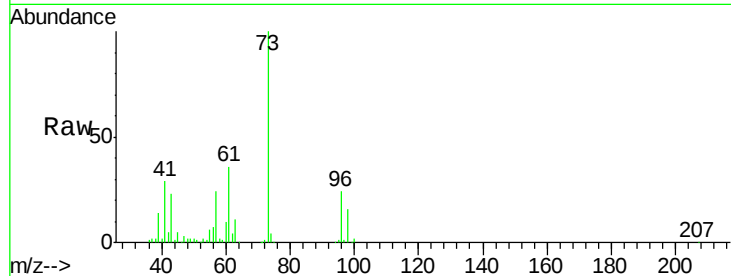
Tgt Ion: 96 Resp: 49629

Ion Ratio Lower Upper

96 100

61 148.3 99.8 185.4

98 65.1 44.9 83.3



#22

cis-1,2-Dichloroethene

Concen: 26.565 ug/L

RT: 7.17 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW004038.D

Acq: 19 Jul 2018 14:25

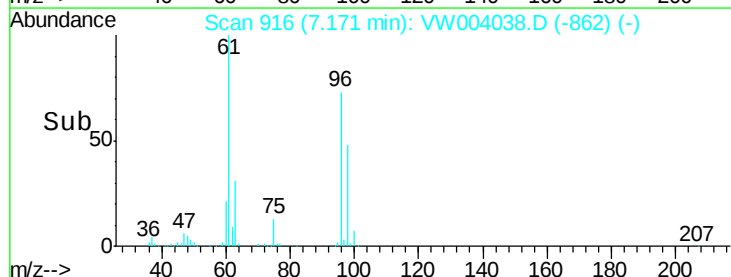
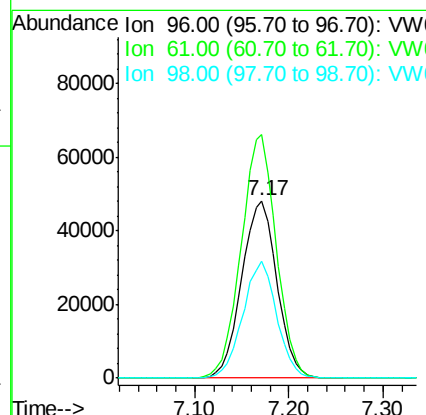
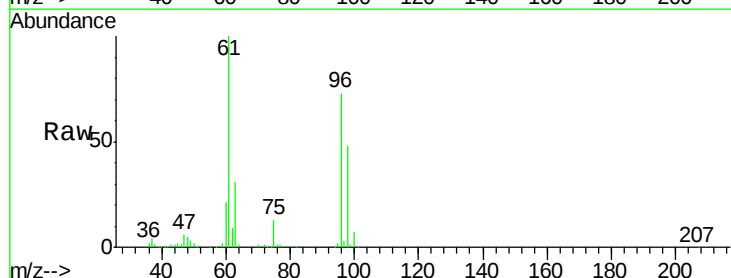
Tgt Ion: 96 Resp: 126485

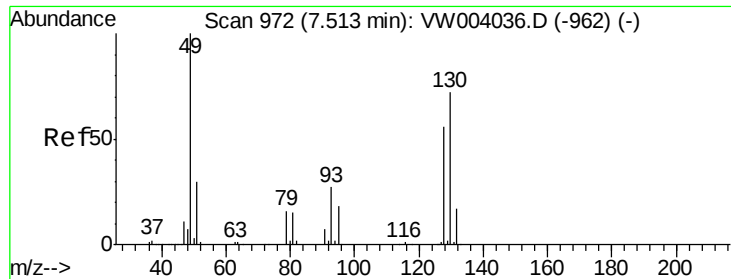
Ion Ratio Lower Upper

96 100

61 137.5 92.5 171.9

98 65.9 43.0 80.0





#23

Bromochloromethane

Concen: 15.155 ug/L

RT: 7.51 min Scan# 972

Delta R.T. -0.00 min

Lab File: VW004038.D

Acq: 19 Jul 2018 14:25

Instrument :

MSVOA_W

ClientSampleID :

DB1J3

Tgt Ion:128 Resp: 33929

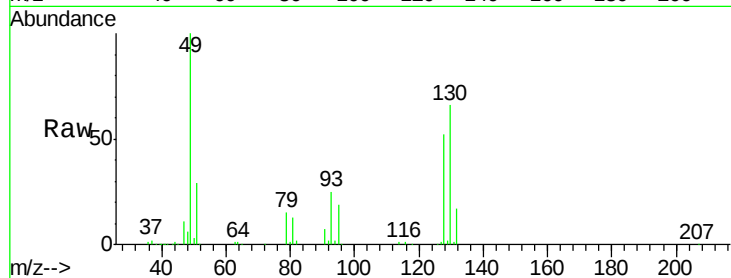
Ion Ratio Lower Upper

128 100

49 190.9 126.4 234.8

130 126.8 87.8 163.0

51 55.3 46.2 69.2

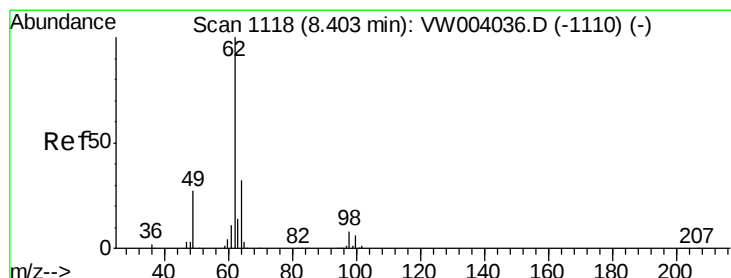
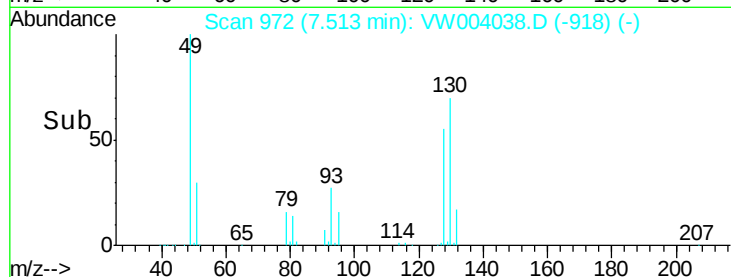
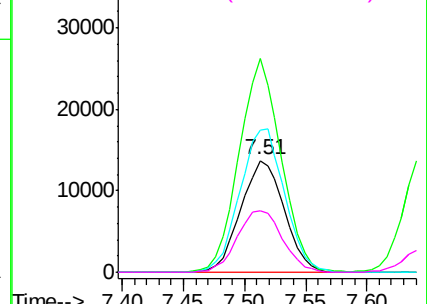


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VW

Ion 130.00 (129.70 to 130.70): V

Ion 51.00 (50.70 to 51.70): VW



#27

1,2-Dichloroethane

Concen: 10.194 ug/L

RT: 8.40 min Scan# 1118

Delta R.T. -0.00 min

Lab File: VW004038.D

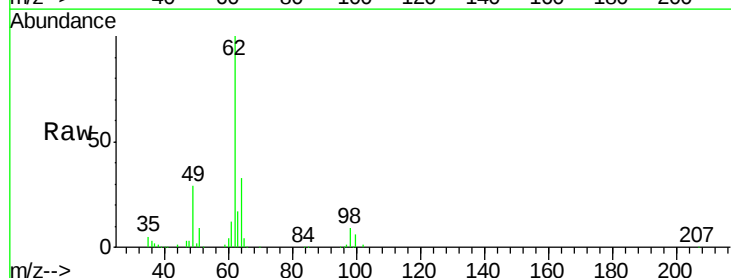
Acq: 19 Jul 2018 14:25

Tgt Ion: 62 Resp: 65023

Ion Ratio Lower Upper

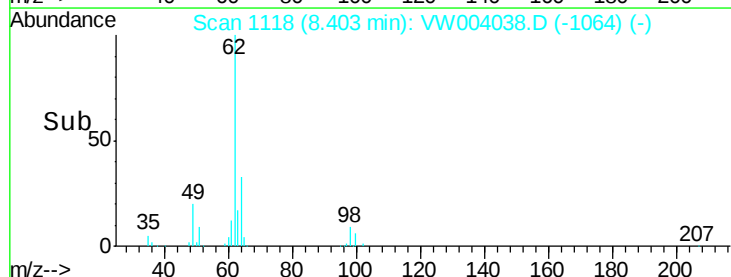
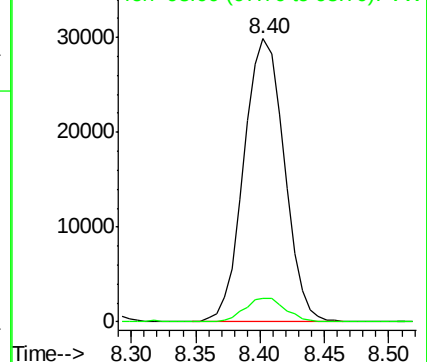
62 100

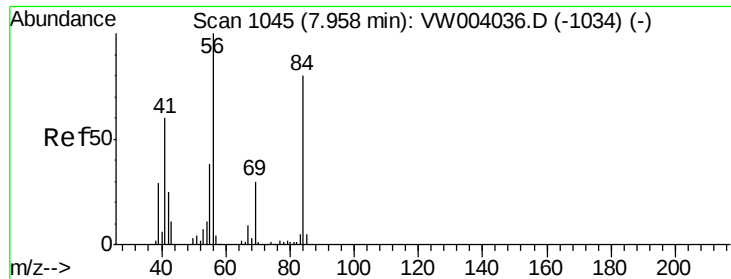
98 8.5 6.2 9.4



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 98.00 (97.70 to 98.70): VW

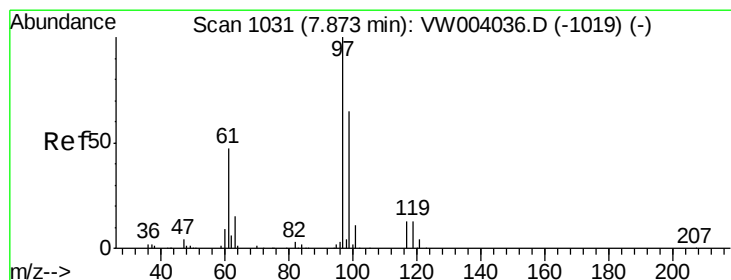
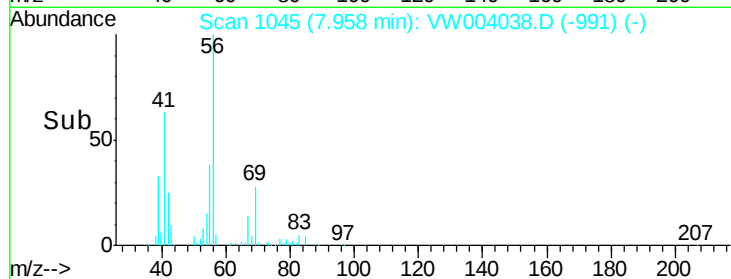
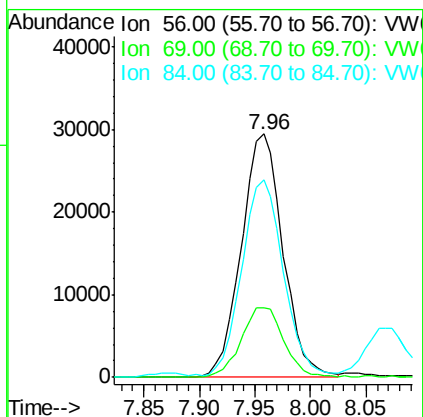
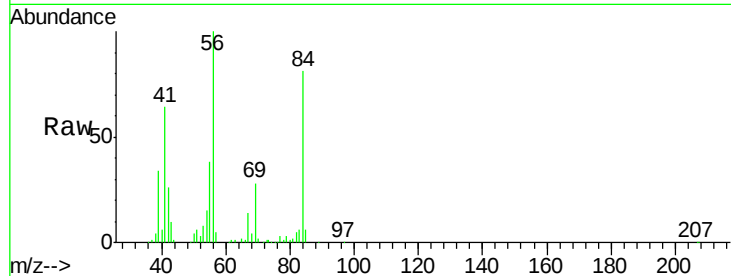




#30
Cyclohexane
Concen: 10.424 ug/L
RT: 7.96 min Scan# 1045
Delta R.T. -0.00 min
Lab File: VW004038.D
Acq: 19 Jul 2018 14:25

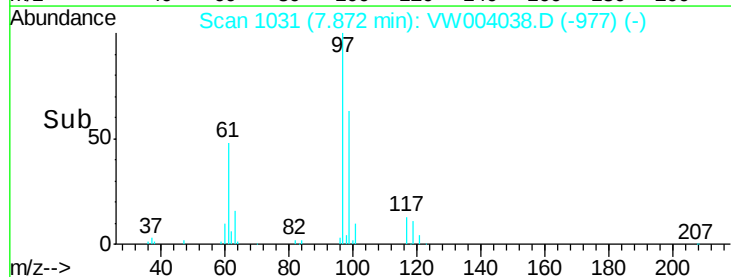
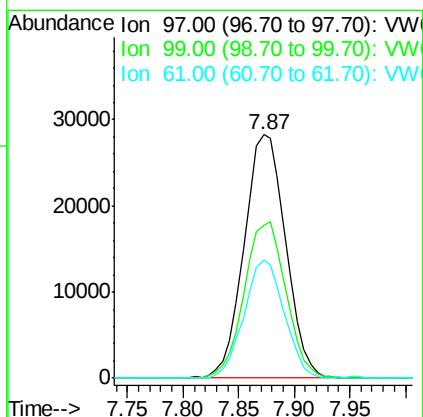
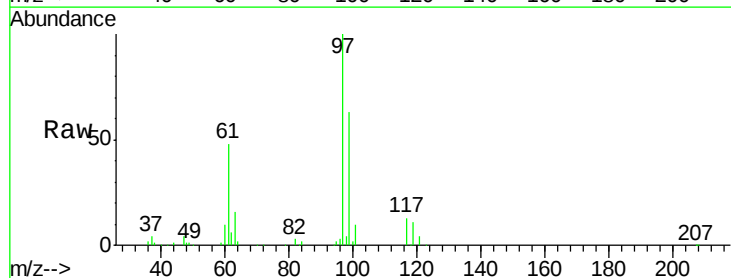
Instrument :
MSVOA_W
ClientSampleId :
DB1J3

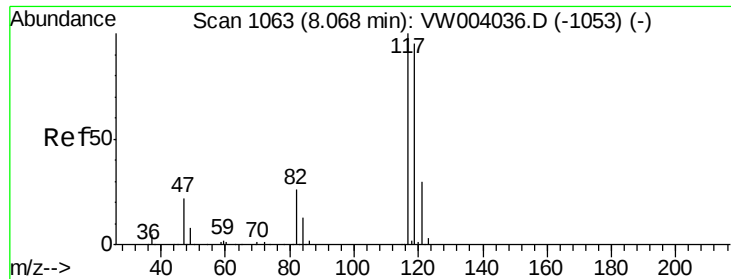
Tgt Ion: 56 Resp: 76663
Ion Ratio Lower Upper
56 100
69 29.4 22.8 34.2
84 81.7 64.6 96.8



#31
1,1,1-Trichloroethane
Concen: 10.718 ug/L
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW004038.D
Acq: 19 Jul 2018 14:25

Tgt Ion: 97 Resp: 73507
Ion Ratio Lower Upper
97 100
99 64.6 51.8 77.6
61 46.9 38.6 57.8

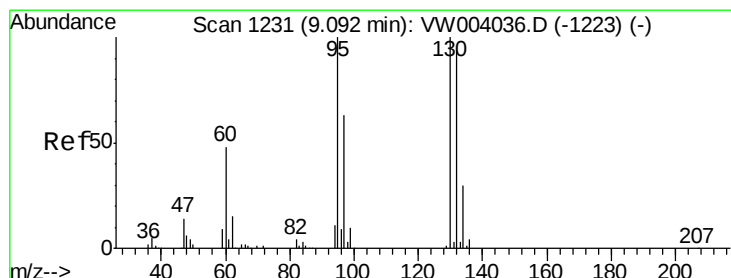
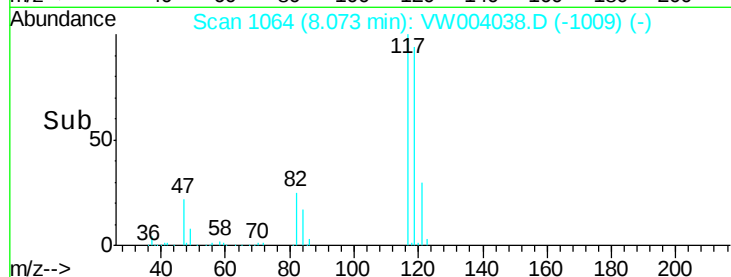
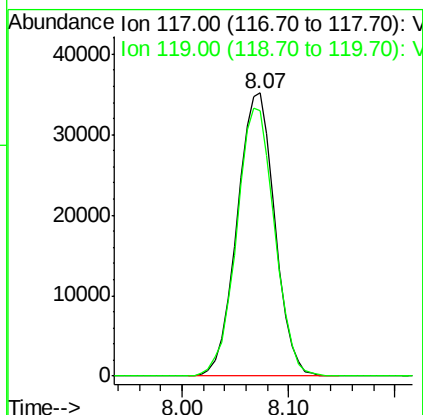
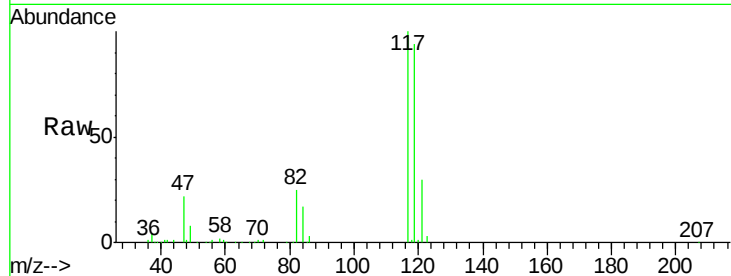




#32
Carbon tetrachloride
Concen: 13.179 ug/L
RT: 8.07 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VW004038.D
Acq: 19 Jul 2018 14:25

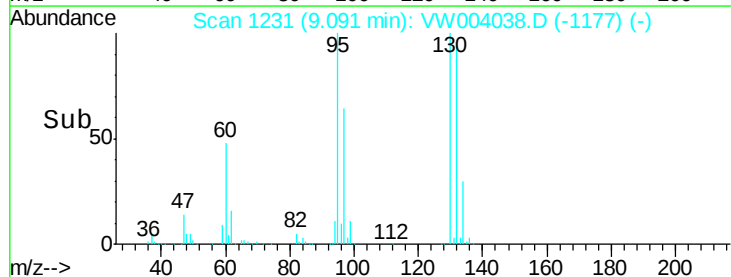
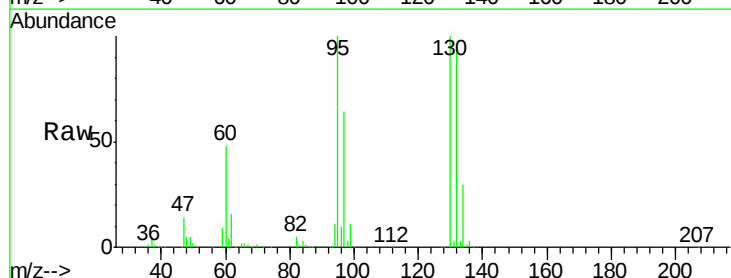
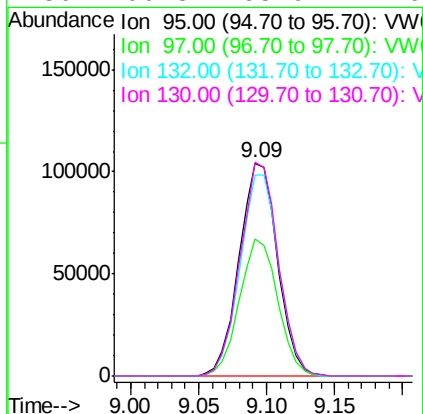
Instrument :
MSVOA_W
ClientSampleId :
DB1J3

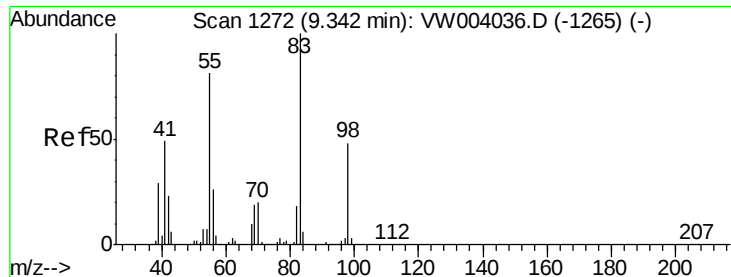
Tgt Ion: 117 Resp: 87200
Ion Ratio Lower Upper
117 100
119 95.7 76.4 114.6



#35
Trichloroethene
Concen: 41.528 ug/L
RT: 9.09 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VW004038.D
Acq: 19 Jul 2018 14:25

Tgt Ion: 95 Resp: 205385
Ion Ratio Lower Upper
95 100
97 64.3 44.7 83.1
132 95.7 66.1 122.7
130 100.3 68.9 127.9

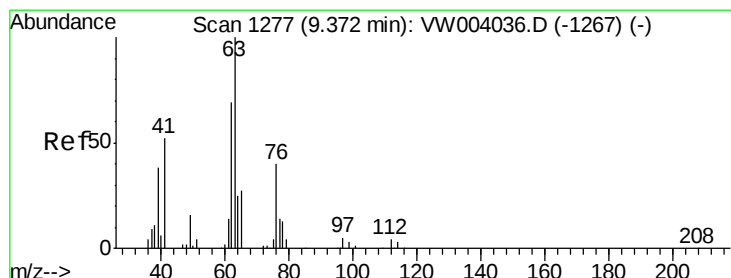
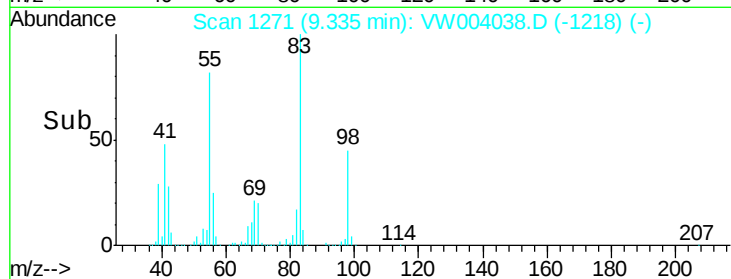
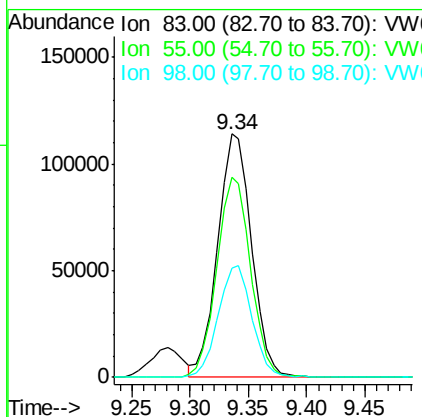
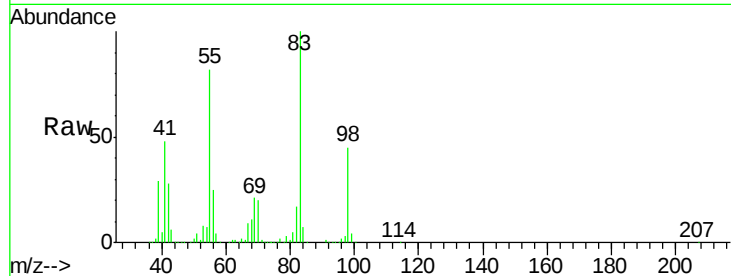




#36
Methylcyclohexane
Concen: 28.118 ug/L
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW004038.D
Acq: 19 Jul 2018 14:25

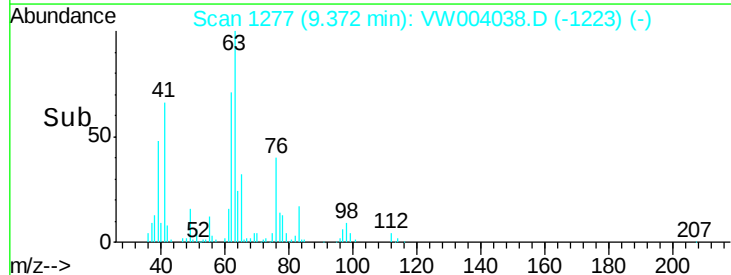
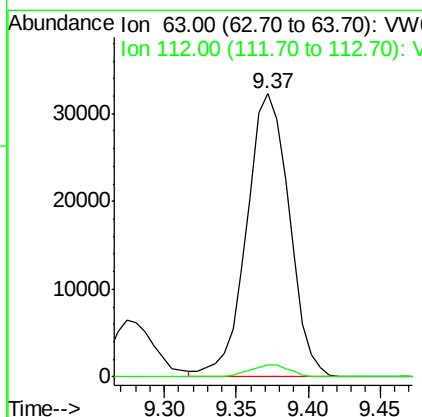
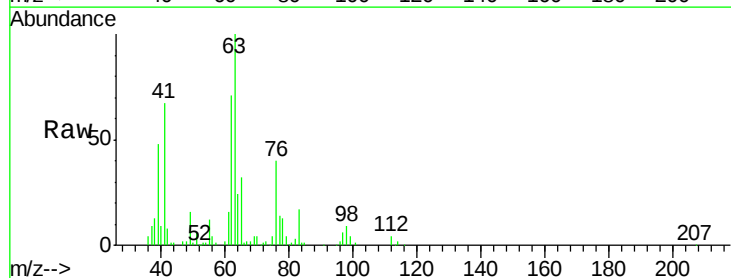
Instrument :
MSVOA_W
ClientSampled :
DB1J3

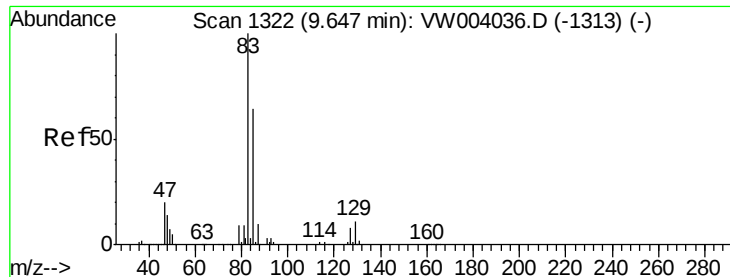
Tgt Ion: 83 Resp: 229841
Ion Ratio Lower Upper
83 100
55 81.7 65.8 98.6
98 45.2 37.0 55.6



#40
1,2-Dichloropropane
Concen: 13.209 ug/L
RT: 9.37 min Scan# 1277
Delta R.T. -0.00 min
Lab File: VW004038.D
Acq: 19 Jul 2018 14:25

Tgt Ion: 63 Resp: 66190
Ion Ratio Lower Upper
63 100
112 4.0 3.0 4.4

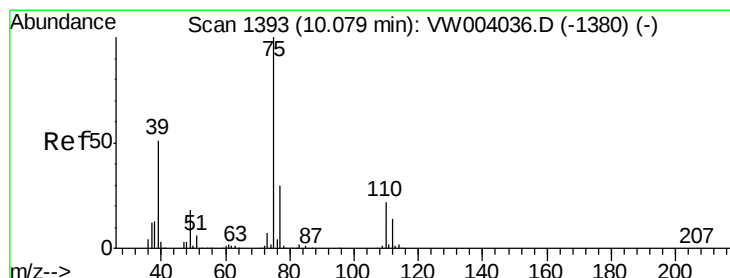
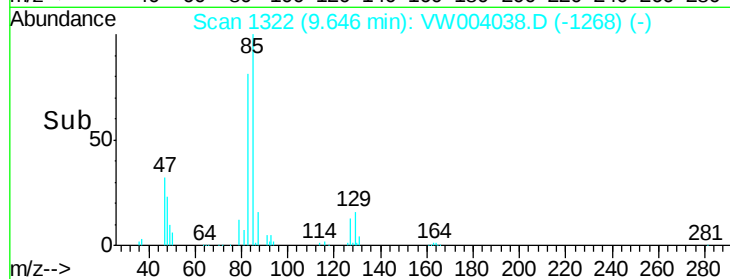
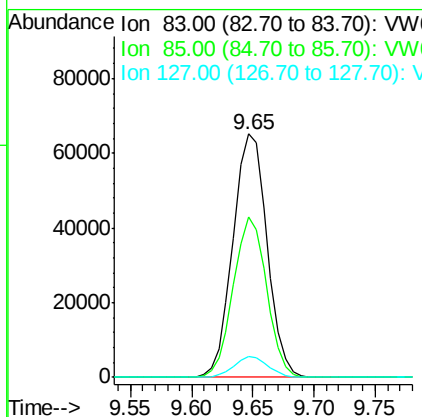
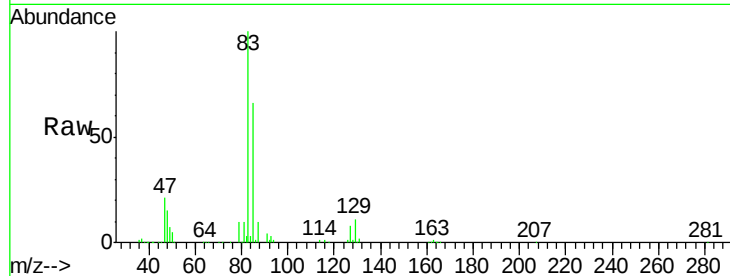




#41
 Bromodichloromethane
 Concen: 20.451 ug/L
 RT: 9.65 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VW004038.D
 Acq: 19 Jul 2018 14:25

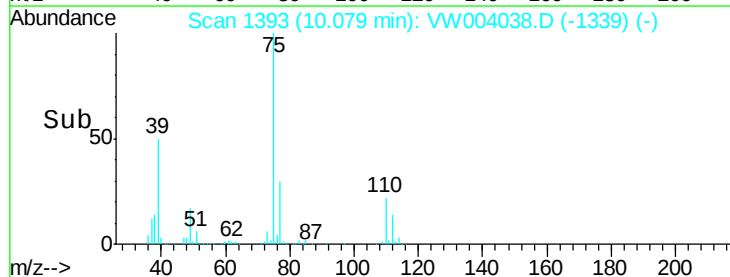
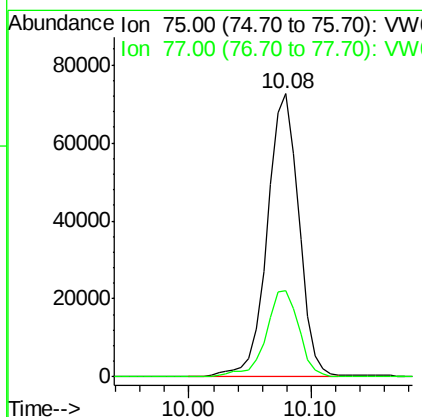
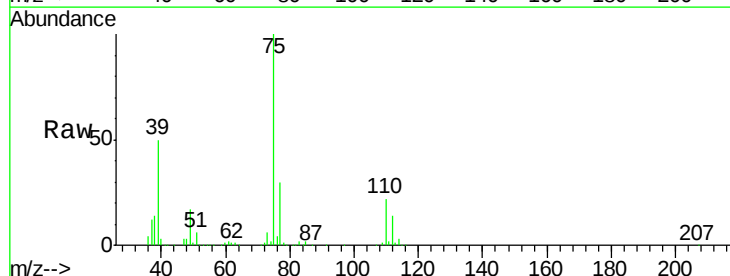
Instrument :
 MSVOA_W
 ClientSampleId :
 DB1J3

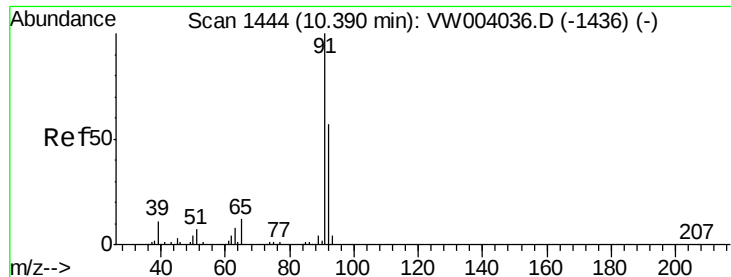
Tgt Ion: 83 Resp: 126174
 Ion Ratio Lower Upper
 83 100
 85 65.9 44.7 82.9
 127 8.4 6.7 10.1



#42
 cis-1,3-Dichloropropene
 Concen: 18.528 ug/L
 RT: 10.08 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: VW004038.D
 Acq: 19 Jul 2018 14:25

Tgt Ion: 75 Resp: 130824
 Ion Ratio Lower Upper
 75 100
 77 30.3 22.3 41.5





#44

Toluene

Concen: 22.098 ug/L

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004038.D

Acq: 19 Jul 2018 14:25

Instrument :

MSVOA_W

ClientSampled :

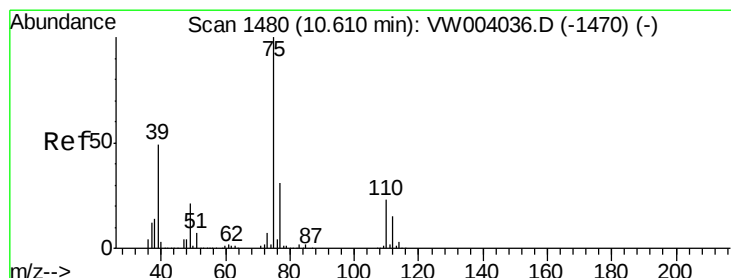
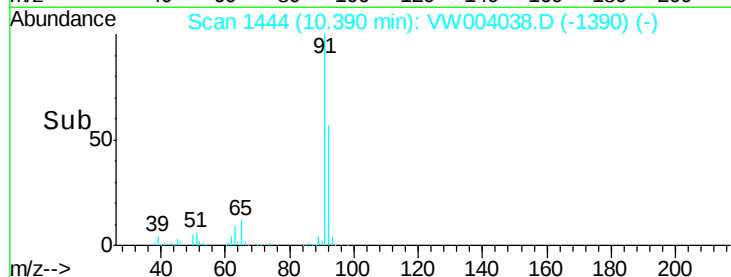
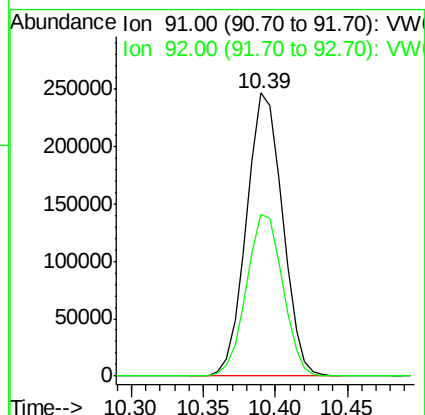
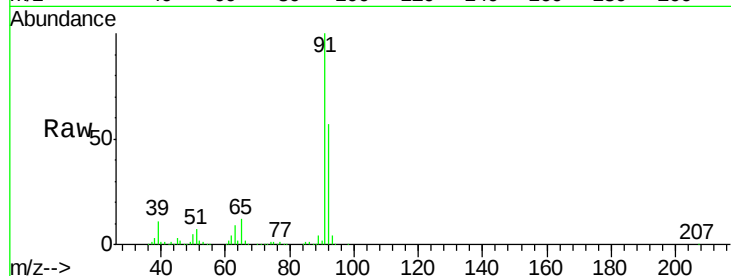
DB1J3

Tgt Ion: 91 Resp: 428024

Ion Ratio Lower Upper

91 100

92 57.0 39.5 73.4



#45

trans-1,3-Dichloropropene

Concen: 8.686 ug/L

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW004038.D

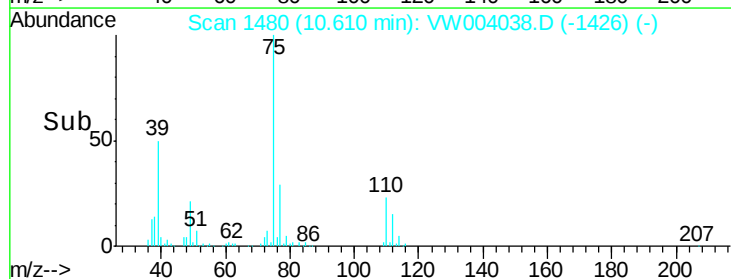
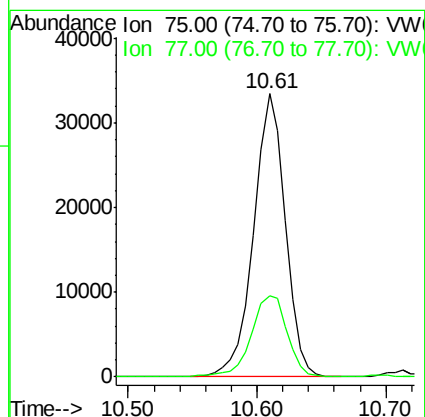
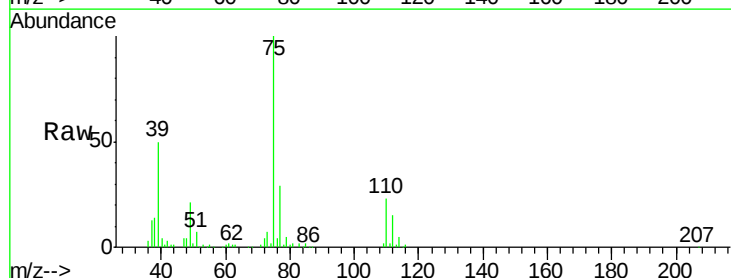
Acq: 19 Jul 2018 14:25

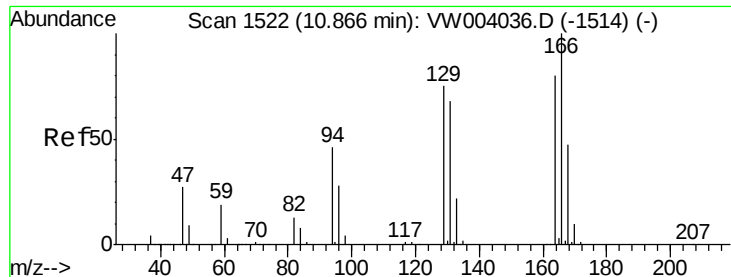
Tgt Ion: 75 Resp: 56569

Ion Ratio Lower Upper

75 100

77 28.6 22.5 41.7





#47

Tetrachloroethene

Concen: 41.824 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. -0.00 min

Lab File: VW004038.D

Acq: 19 Jul 2018 14:25

Instrument :

MSVOA_W

ClientSampleId :

DB1J3

Tgt Ion:164 Resp: 166824

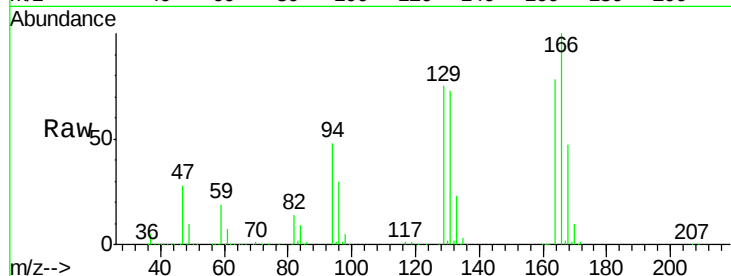
Ion Ratio Lower Upper

164 100

129 95.9 63.1 117.3

131 93.0 62.8 116.6

166 127.5 84.6 157.2

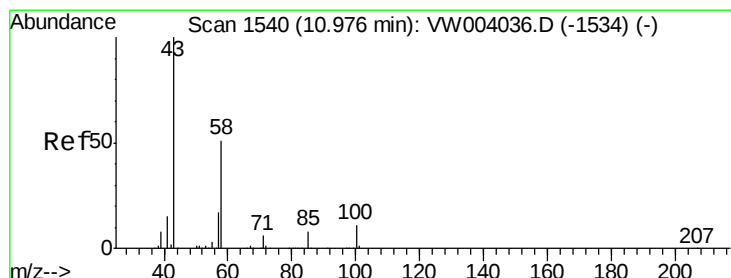
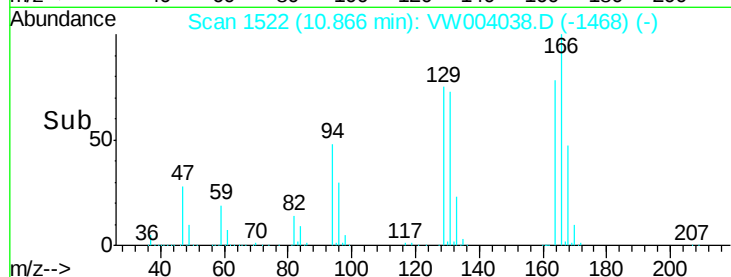
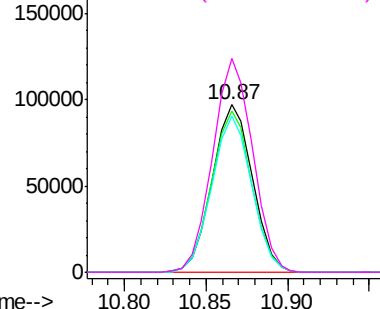


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

2-Hexanone

Concen: 38.150 ug/L

RT: 10.98 min Scan# 1540

Delta R.T. -0.00 min

Lab File: VW004038.D

Acq: 19 Jul 2018 14:25

Tgt Ion: 43 Resp: 130108

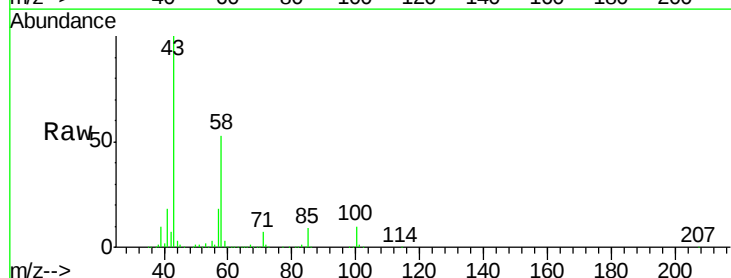
Ion Ratio Lower Upper

43 100

58 54.2 40.4 60.6

57 18.9 14.0 21.0

100 10.9 8.2 12.2

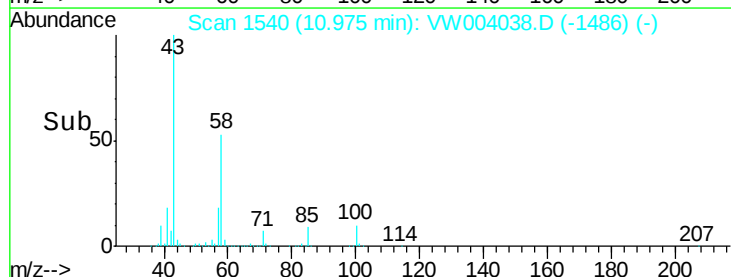
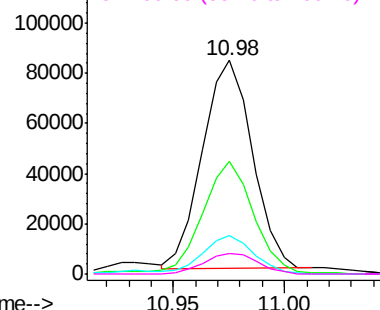


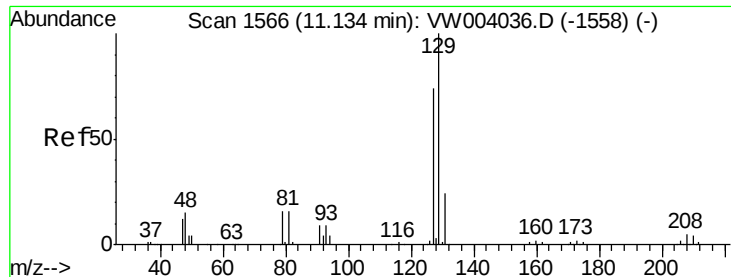
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW





#50

Dibromochloromethane

Concen: 20.487 ug/L

RT: 11.13 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VW004038.D

Acq: 19 Jul 2018 14:25

Instrument :

MSVOA_W

ClientSampled :

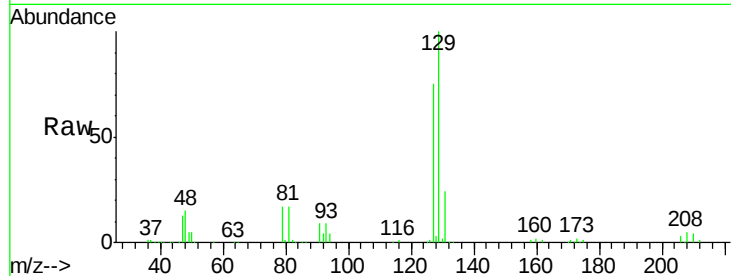
DB1J3

Tgt Ion:129 Resp: 89378

Ion Ratio Lower Upper

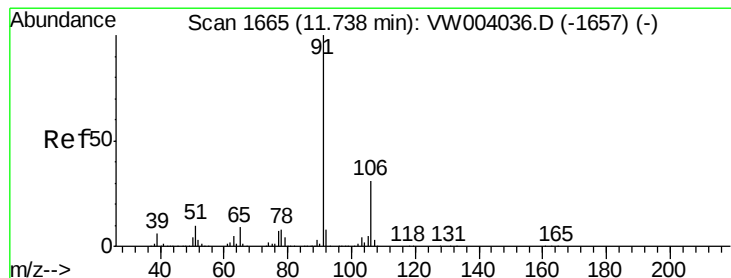
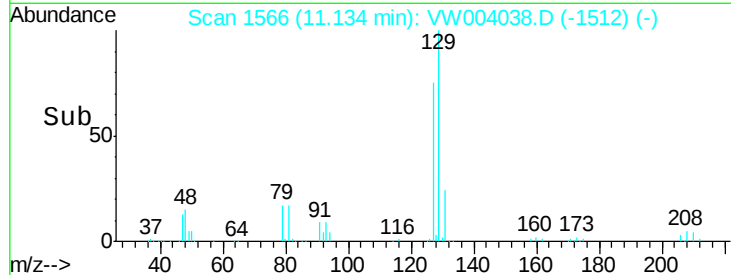
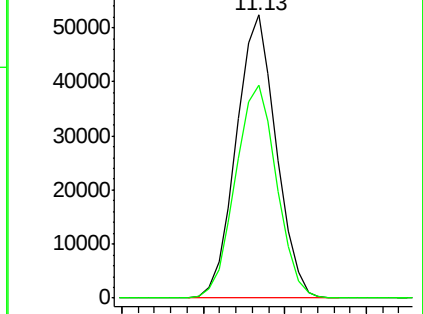
129 100

127 75.5 56.1 104.3



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#53

Ethylbenzene

Concen: 16.138 ug/L

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW004038.D

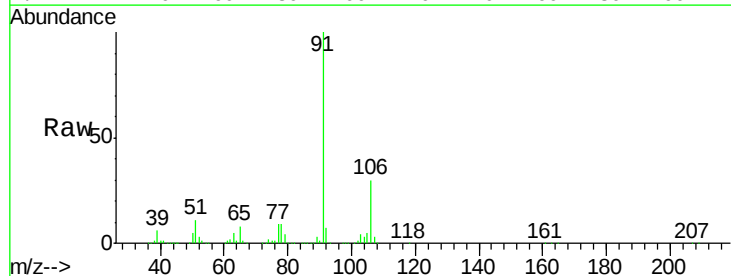
Acq: 19 Jul 2018 14:25

Tgt Ion: 91 Resp: 338358

Ion Ratio Lower Upper

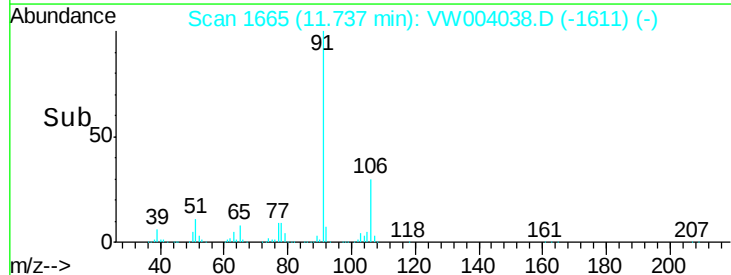
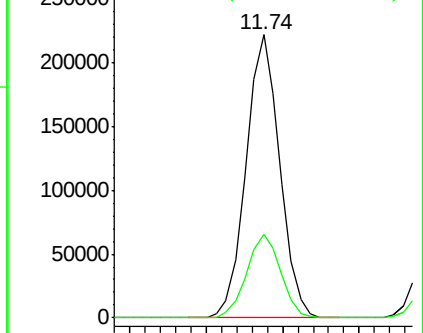
91 100

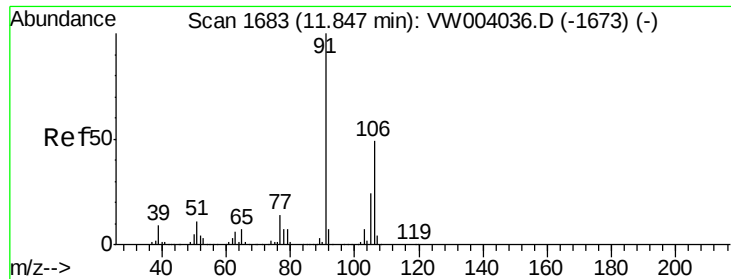
106 29.7 21.3 39.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V





#54

m,p-Xylene

Concen: 10.841 ug/L

RT: 11.85 min Scan# 1684

Delta R.T. 0.01 min

Lab File: VW004038.D

Acq: 19 Jul 2018 14:25

Instrument :

MSVOA_W

ClientSampleId :

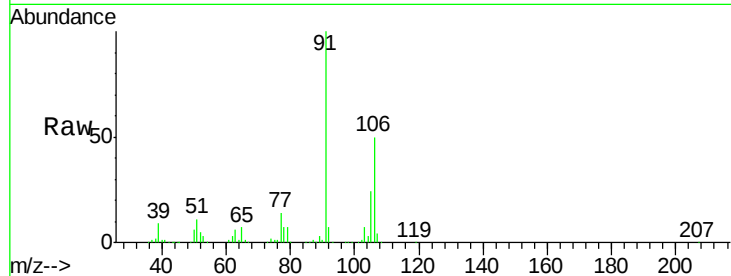
DB1J3

Tgt Ion:106 Resp: 83776

Ion Ratio Lower Upper

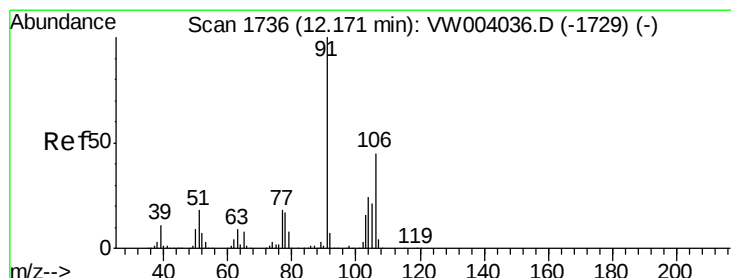
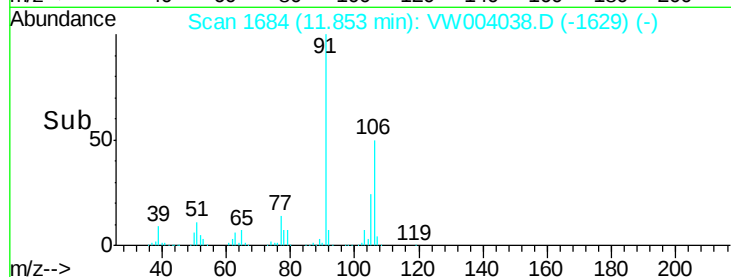
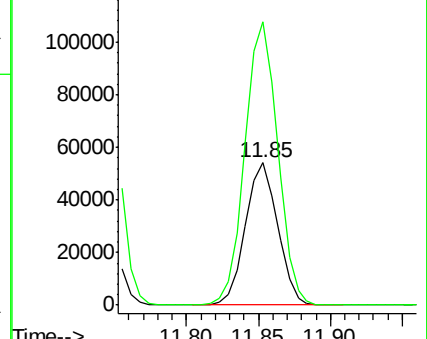
106 100

91 199.2 142.1 263.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 12.852 ug/L

RT: 12.18 min Scan# 1737

Delta R.T. 0.01 min

Lab File: VW004038.D

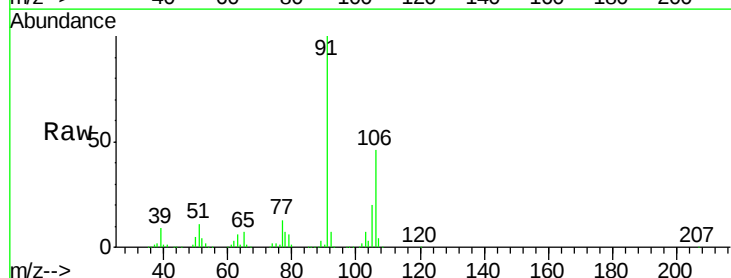
Acq: 19 Jul 2018 14:25

Tgt Ion:106 Resp: 94996

Ion Ratio Lower Upper

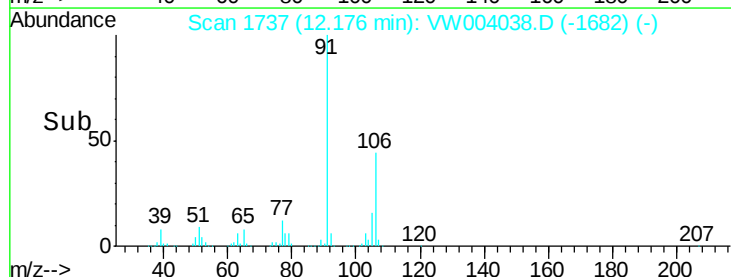
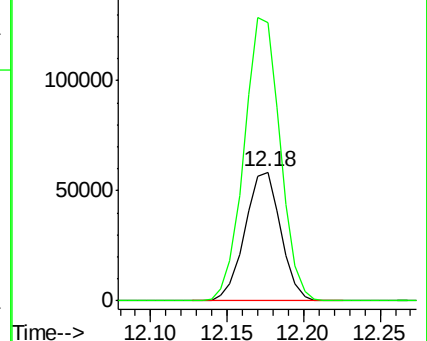
106 100

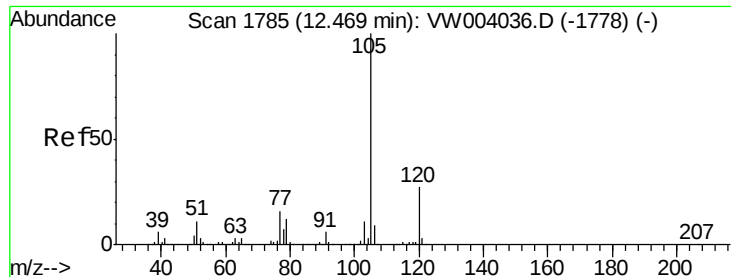
91 216.0 151.3 280.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#57

Isopropylbenzene

Concen: 13.397 ug/L

RT: 12.48 min Scan# 1786

Delta R.T. 0.01 min

Lab File: VW004038.D

Acq: 19 Jul 2018 14:25

Instrument :

MSVOA_W

ClientSampleId :

DB1J3

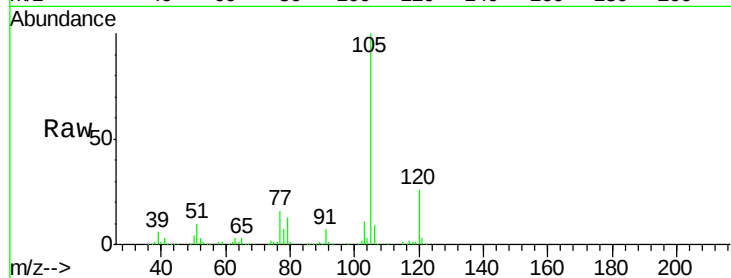
Tgt Ion:105 Resp: 271500

Ion Ratio Lower Upper

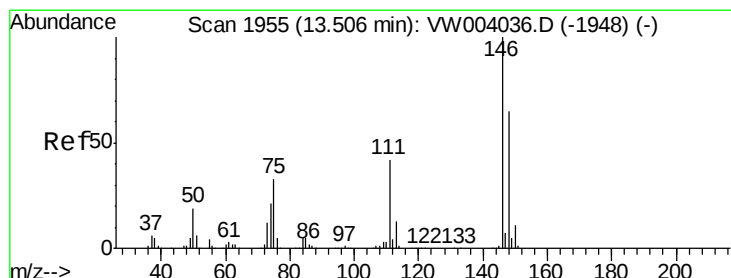
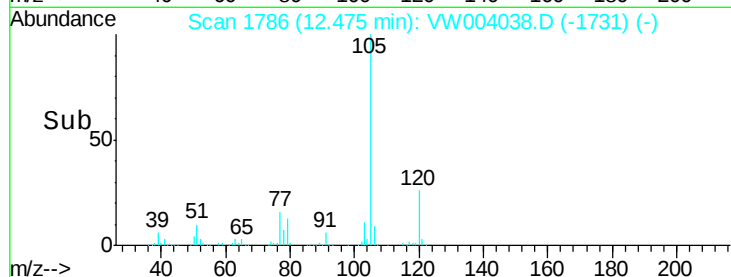
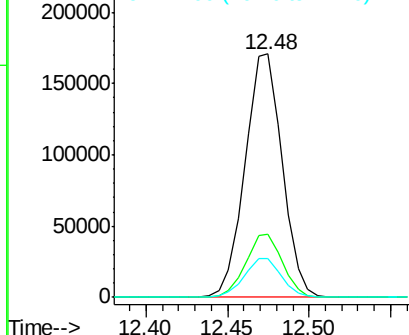
105 100

120 25.8 21.0 31.4

77 15.8 13.1 19.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V
Ion 77.00 (76.70 to 77.70): V



#63

1,3-Dichlorobenzene

Concen: 20.916 ug/L

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW004038.D

Acq: 19 Jul 2018 14:25

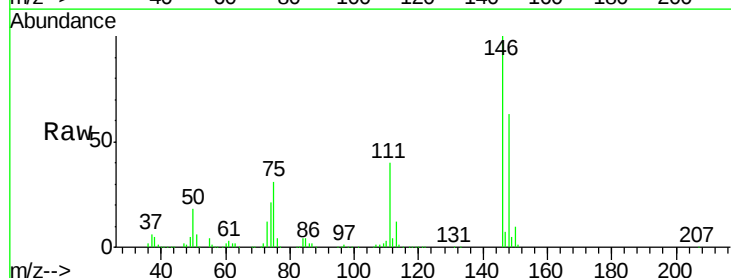
Tgt Ion:146 Resp: 199934

Ion Ratio Lower Upper

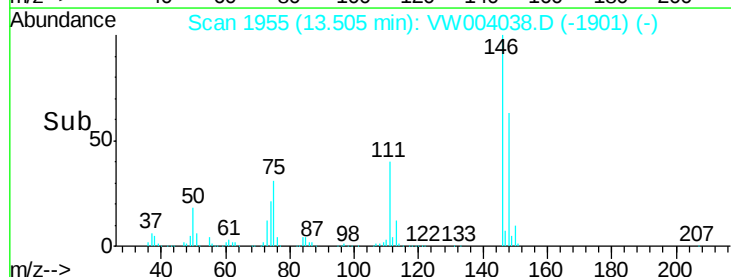
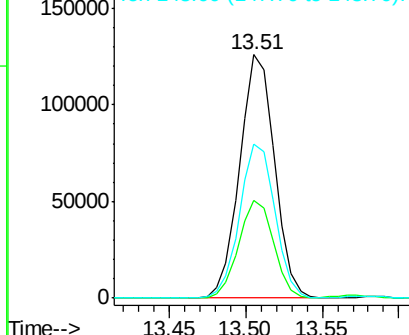
146 100

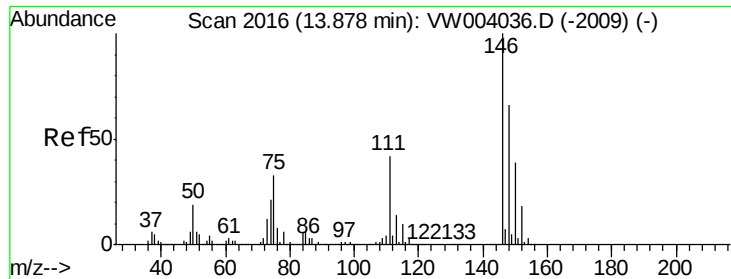
111 40.1 27.9 51.7

148 63.3 44.2 82.0



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V

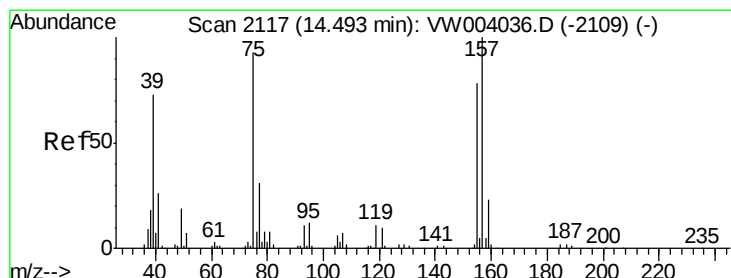
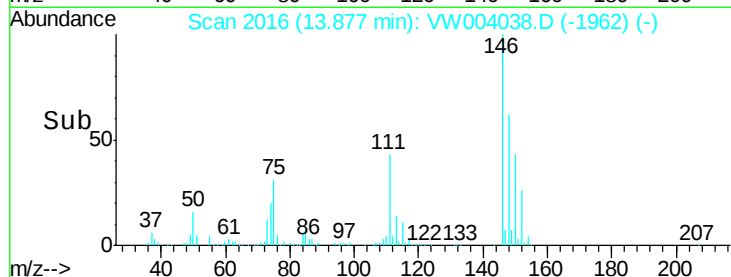
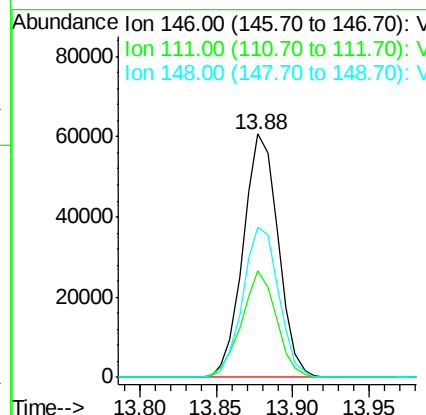
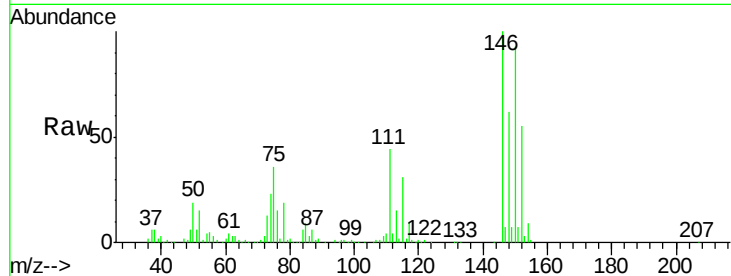




#65
 1,2-Dichlorobenzene
 Concen: 10.354 ug/L
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW004038.D
 Acq: 19 Jul 2018 14:25

Instrument :
 MSVOA_W
 ClientSampleId :
 DB1J3

Tgt Ion: 146 Resp: 96453
 Ion Ratio Lower Upper
 146 100
 111 43.6 33.2 49.8
 148 61.9 51.0 76.4



#66
 1,2-Dibromo-3-chloropropane
 Concen: 17.036 ug/L
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW004038.D
 Acq: 19 Jul 2018 14:25

Tgt Ion: 75 Resp: 18501
 Ion Ratio Lower Upper
 75 100
 157 90.5 77.9 116.9
 155 72.9 61.8 92.8

