

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062918\
 Data File : VW003654.D
 Acq On : 29 Jun 2018 12:08
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 30 03:37:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	223840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	345809	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	321630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	172959	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	125157	51.62	ug/l	0.00
Spiked Amount			Recovery	=	103.24%	
35) Dibromofluoromethane	7.88	113	112889	52.54	ug/l	0.00
Spiked Amount			Recovery	=	105.08%	
50) Toluene-d8	10.33	98	449551	52.76	ug/l	0.00
Spiked Amount			Recovery	=	105.52%	
62) 4-Bromofluorobenzene	12.62	95	163665	54.28	ug/l	0.00
Spiked Amount			Recovery	=	108.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	32250	47.656	ug/l	92
3) Chloromethane	2.21	50	72678	42.506	ug/l	96
4) Vinyl Chloride	2.36	62	109002	43.731	ug/l	99
5) Bromomethane	2.78	94	67484	40.734	ug/l	93
6) Chloroethane	2.92	64	71493	41.206	ug/l	96
7) Trichlorofluoromethane	3.25	101	69481	46.530	ug/l	99
8) Diethyl Ether	3.67	74	52847	48.177	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	103889	50.103	ug/l	98
10) Methyl Iodide	4.26	142	149879	47.795	ug/l	99
11) Tert butyl alcohol	5.25	59	28362	218.119	ug/l #	95
12) 1,1-Dichloroethene	4.03	96	98227	48.476	ug/l	99
13) Acrolein	3.90	56	38195	205.451	ug/l	95
14) Allyl chloride	4.66	41	177780	50.651	ug/l	98
15) Acrylonitrile	5.38	53	113457	251.391	ug/l	98
16) Acetone	4.15	43	134327	264.165	ug/l	99
17) Carbon Disulfide	4.37	76	274525	45.826	ug/l	99
18) Methyl Acetate	4.68	43	63468	52.613	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	194159	51.159	ug/l	99
20) Methylene Chloride	4.91	84	111896	51.945	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	110395	50.060	ug/l	98
22) Diisopropyl ether	6.31	45	377394	53.425	ug/l	99
23) Vinyl Acetate	6.26	43	1036836	254.705	ug/l	99
24) 1,1-Dichloroethane	6.21	63	218135	52.016	ug/l	98
25) 2-Butanone	7.18	43	164809	260.648	ug/l	97
26) 2,2-Dichloropropane	7.17	77	137961	49.294	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	124545	51.411	ug/l	99
28) Bromochloromethane	7.51	49	96392	55.236	ug/l	98
29) Tetrahydrofuran	7.54	42	97330	251.862	ug/l	99
30) Chloroform	7.68	83	224301	52.501	ug/l	98
31) Cyclohexane	7.95	56	183150	46.748	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	178843	50.714	ug/l	99
36) 1,1-Dichloropropene	8.08	75	170998	51.203	ug/l	99
37) Ethyl Acetate	7.26	43	67272	48.624	ug/l	100
38) Carbon Tetrachloride	8.07	117	168616	51.473	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	197456	51.099	ug/l	99
40) Benzene	8.32	78	483799	52.556	ug/l	100
41) Methacrylonitrile	7.49	41	44199	52.060	ug/l	99
42) 1,2-Dichloroethane	8.40	62	148602	51.524	ug/l	100
43) Isopropyl Acetate	8.43	43	136949	49.851	ug/l	99
44) Trichloroethene	9.09	130	123672	50.701	ug/l	98
45) 1,2-Dichloropropane	9.37	63	124871	53.276	ug/l	99
46) Dibromomethane	9.46	93	62116	51.764	ug/l	98
47) Bromodichloromethane	9.65	83	161833	52.613	ug/l	99
48) Methyl methacrylate	9.44	41	67092	51.968	ug/l	97
49) 1,4-Dioxane	9.49	88	16524	911.995	ug/l	78
51) 4-Methyl-2-Pentanone	10.21	43	365134	260.842	ug/l	100
52) Toluene	10.39	92	308861	52.322	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	164385	52.317	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	189702	53.046	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	88415	52.287	ug/l	98
56) Ethyl methacrylate	10.65	69	108909	53.039	ug/l	97
57) 1,3-Dichloropropane	10.94	76	155314	53.255	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	247818	269.225	ug/l	98
59) 2-Hexanone	10.98	43	267075	273.110	ug/l	99
60) Dibromochloromethane	11.13	129	106432	52.927	ug/l	100
61) 1,2-Dibromoethane	11.24	107	82390	51.510	ug/l	99
64) Tetrachloroethene	10.87	164	107573	50.005	ug/l	96
65) Chlorobenzene	11.66	112	341793	51.032	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	121917	51.798	ug/l	99
67) Ethyl Benzene	11.74	91	621111	52.315	ug/l	99
68) m/p-Xylenes	11.85	106	475901	105.447	ug/l	98
69) o-Xylene	12.17	106	219574	52.496	ug/l	98
70) Styrene	12.19	104	376840	54.128	ug/l	99
71) Bromoform	12.35	173	61785	50.650	ug/l #	100
73) Isopropylbenzene	12.47	105	628013	52.204	ug/l	100
74) N-amyl acetate	12.28	43	136376	49.805	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	103036	50.626	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	141035	95.384	ug/l #	100
77) Bromobenzene	12.76	156	141685	50.572	ug/l	97
78) n-propylbenzene	12.81	91	779207	52.897	ug/l	100
79) 2-Chlorotoluene	12.90	91	433134	52.031	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	533757	52.859	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	31124	48.436	ug/l	96
82) 4-Chlorotoluene	12.99	91	456583	51.703	ug/l	99
83) tert-Butylbenzene	13.21	119	451605	52.479	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	546986	52.660	ug/l	100
85) sec-Butylbenzene	13.39	105	670064	52.385	ug/l	100
86) p-Isopropyltoluene	13.51	119	591409	52.422	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	293674	51.025	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	289931	50.672	ug/l	100
89) n-Butylbenzene	13.84	91	578162	52.575	ug/l	100
90) Hexachloroethane	14.10	117	106695	52.280	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	259203	51.413	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16877	49.276	ug/l	97

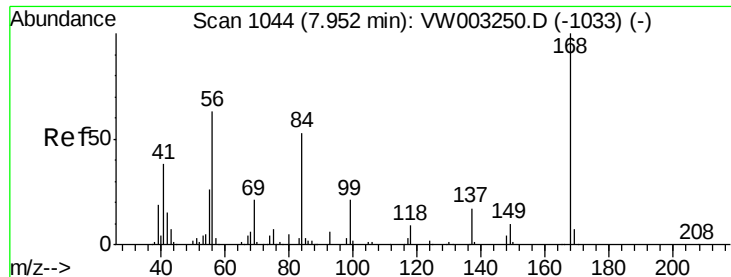
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	180469	50.991	ug/l	99
94) Hexachlorobutadiene	15.25	225	106403	49.979	ug/l	97
95) Naphthalene	15.38	128	306567	51.064	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	157223	50.468	ug/l	99

(#) = 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: VW003654.D

Acq: 29 Jun 2018 12:08

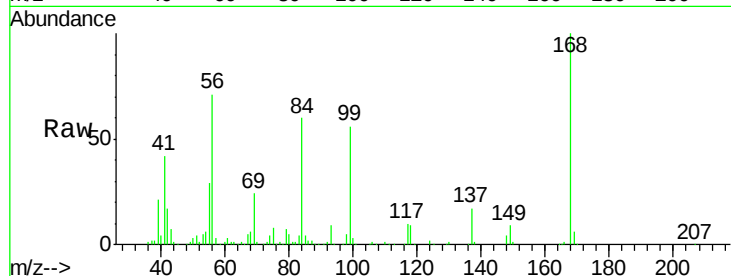
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 223840

Ion Ratio Lower Upper

168 100

99 56.0 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

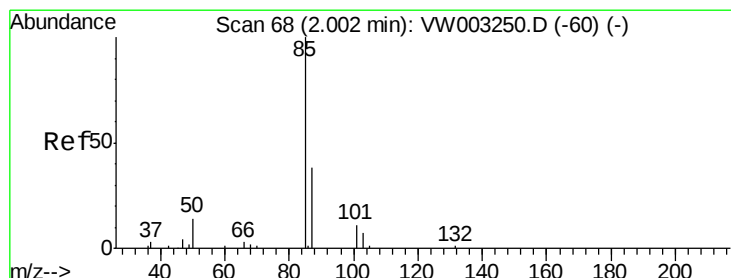
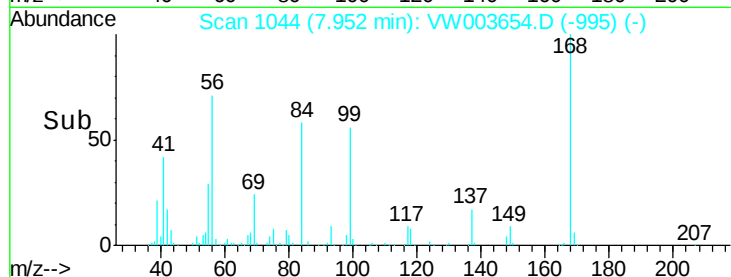
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.656 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003654.D

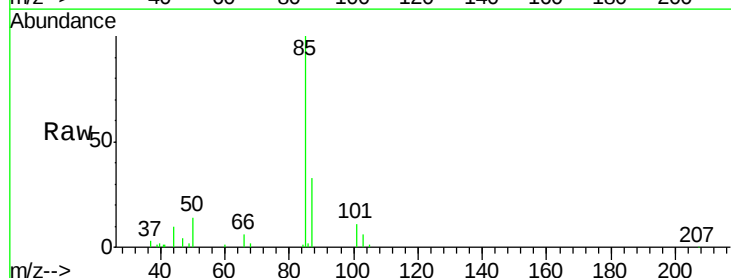
Acq: 29 Jun 2018 12:08

Tgt Ion: 85 Resp: 32250

Ion Ratio Lower Upper

85 100

87 33.0 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

12000

10000

8000

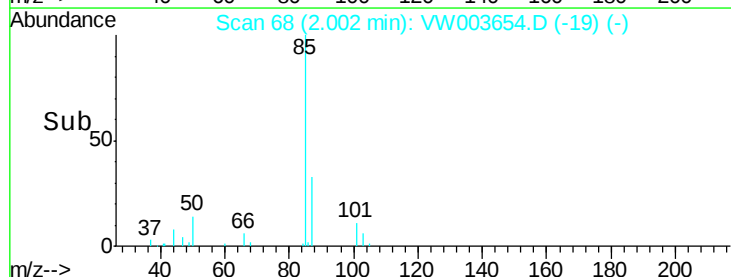
6000

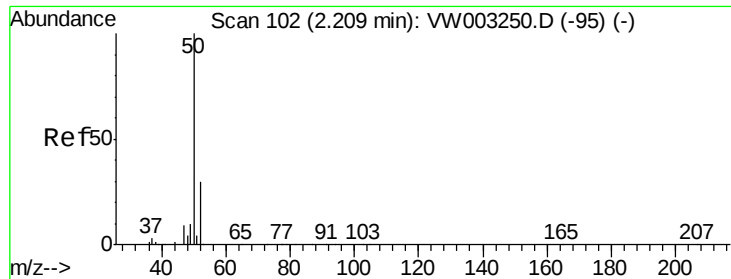
4000

2000

0

Time-->





#3

Chloromethane

Concen: 42.506 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Instrument :

MSVOA_W

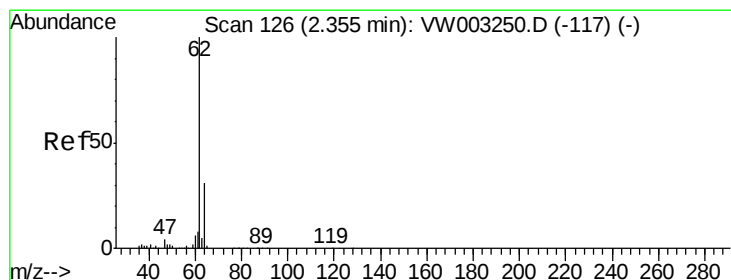
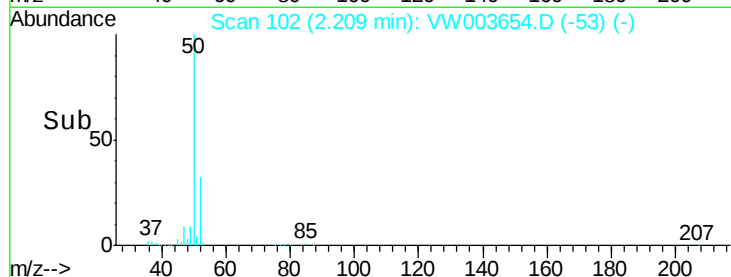
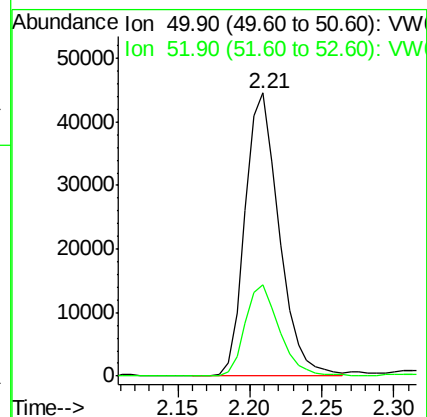
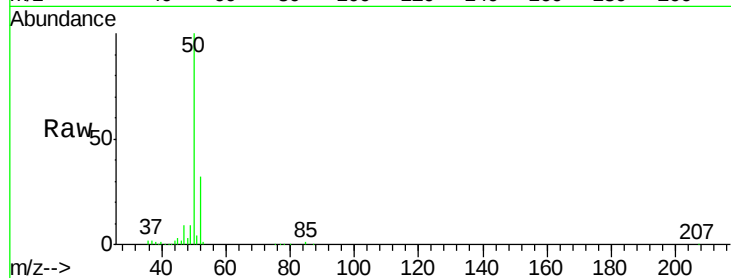
ClientSampleId :

Tot Ion: 50 Resp: 72678

Ion Ratio Lower Upper

50 100

52 32.6 24.2 36.2



#4

Vinyl Chloride

Concen: 43.731 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003654.D

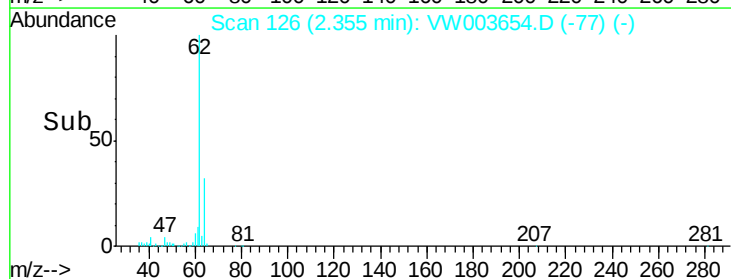
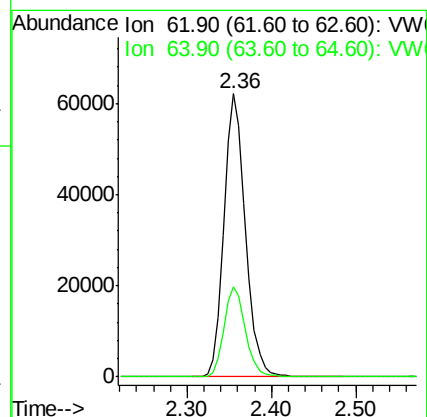
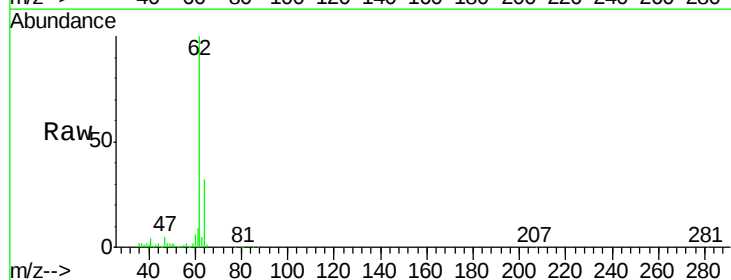
Acq: 29 Jun 2018 12:08

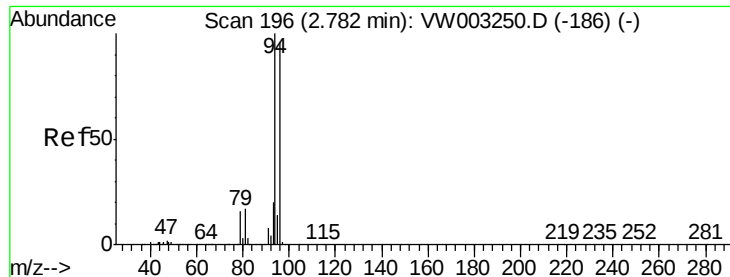
Tgt Ion: 62 Resp: 109002

Ion Ratio Lower Upper

62 100

64 31.8 24.9 37.3





#5

Bromomethane

Concen: 40.734 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

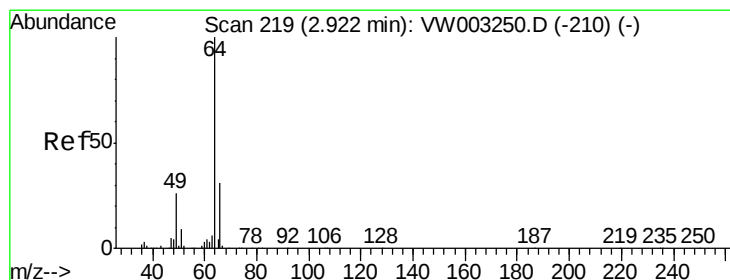
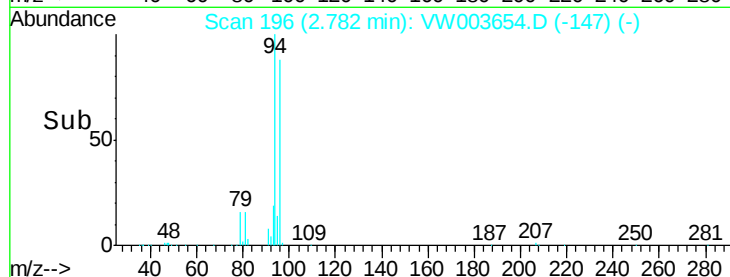
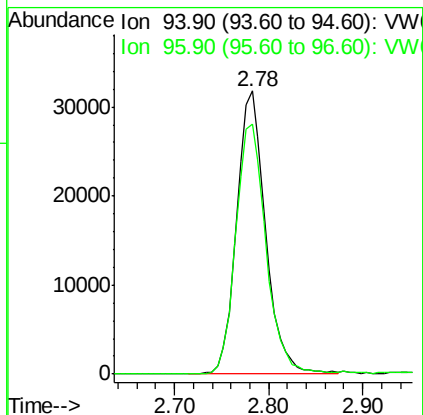
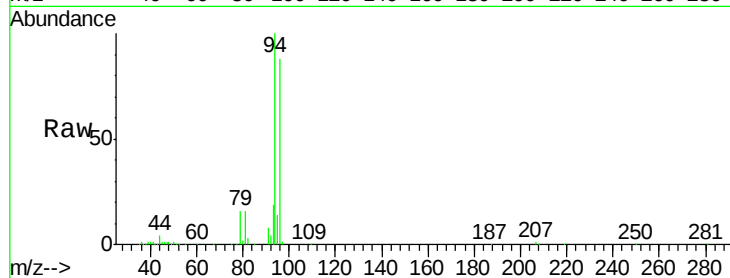
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 94 Resp: 67484

Ion Ratio Lower Upper

94 100

96 88.4 76.5 114.7



#6

Chloroethane

Concen: 41.206 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003654.D

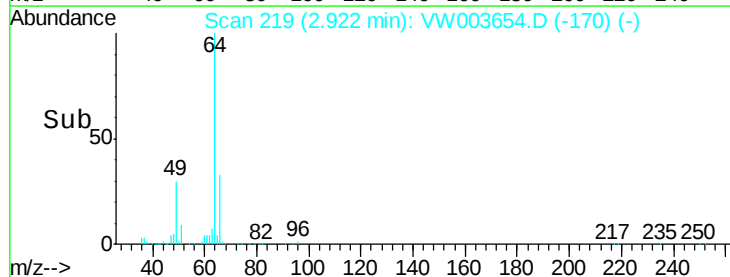
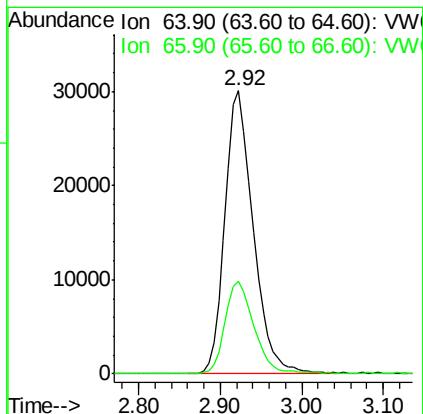
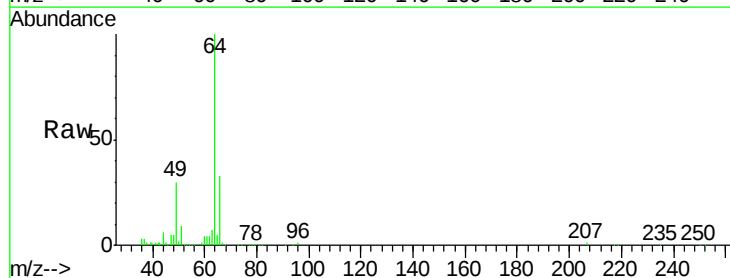
Acq: 29 Jun 2018 12:08

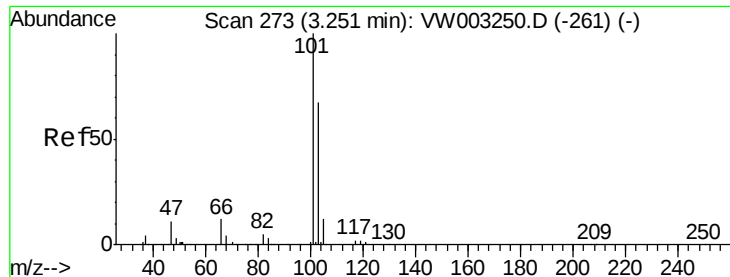
Tgt Ion: 64 Resp: 71493

Ion Ratio Lower Upper

64 100

66 32.8 24.4 36.6



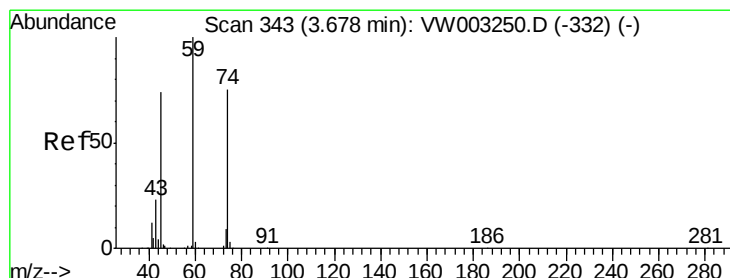
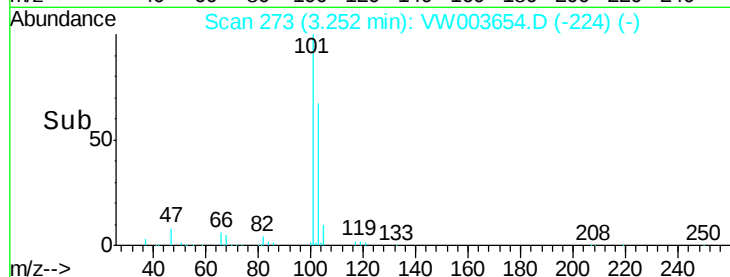
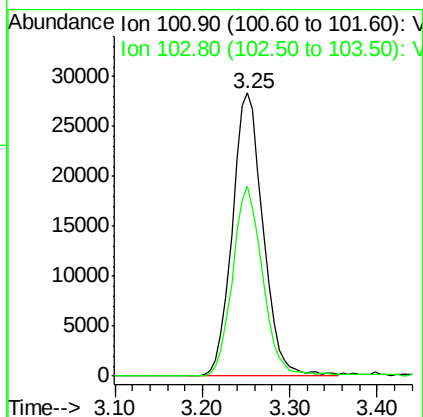
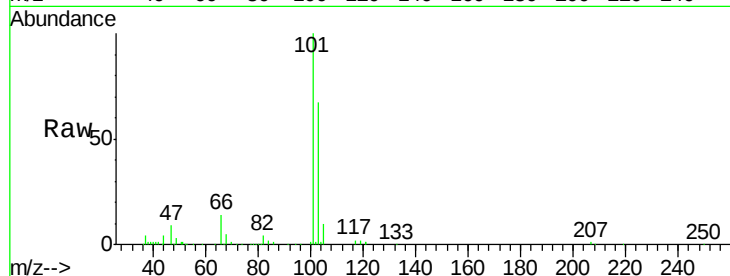


#7

Trichlorofluoromethane
Concen: 46.530 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Instrument :
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ClientSampleId :

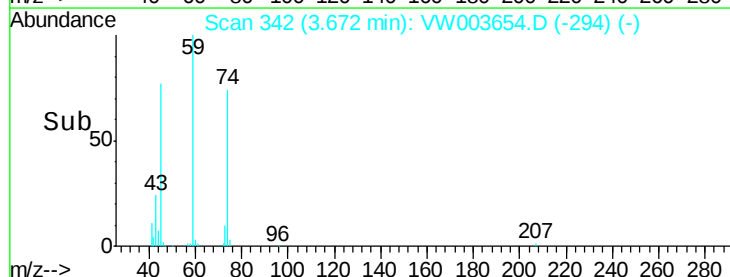
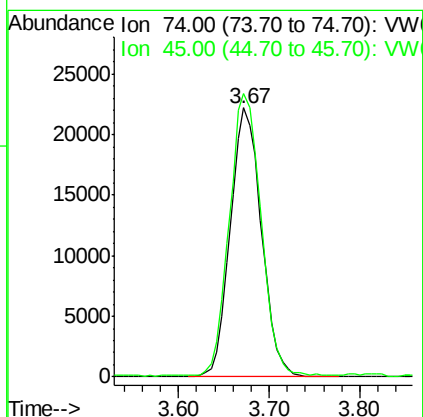
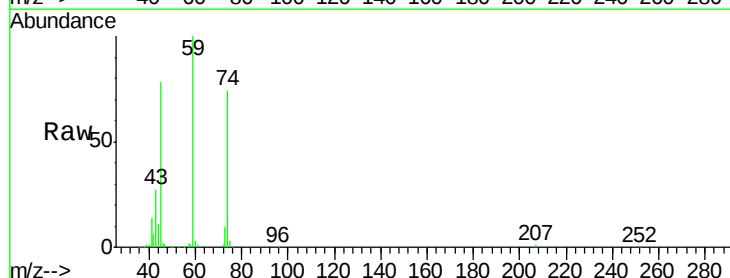
Tot Ion:101 Resp: 69481
Ion Ratio Lower Upper
101 100
103 67.1 53.4 80.0

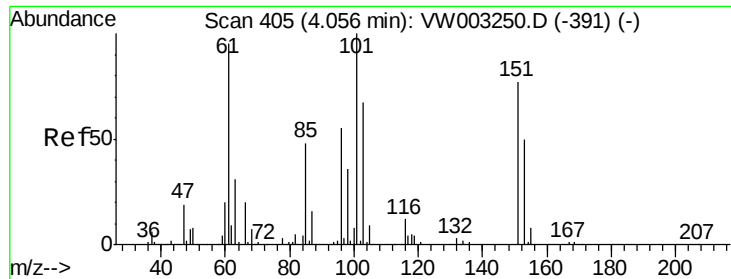


#8

Diethyl Ether
Concen: 48.177 ug/l
RT: 3.67 min Scan# 342
Delta R.T. -0.01 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Tgt Ion: 74 Resp: 52847
Ion Ratio Lower Upper
74 100
45 106.6 51.4 154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.103 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Instrument :

MSVOA_W

ClientSampleId :

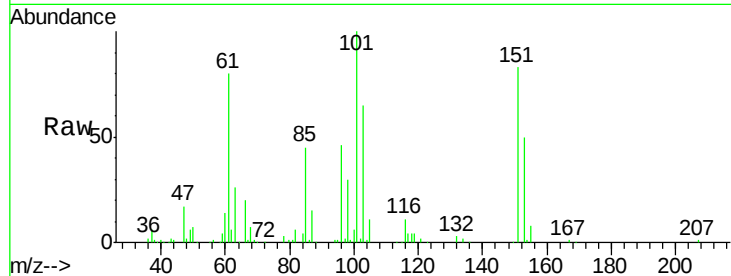
Tot Ion:101 Resp: 103889

Ion Ratio Lower Upper

101 100

85 45.4 37.0 55.6

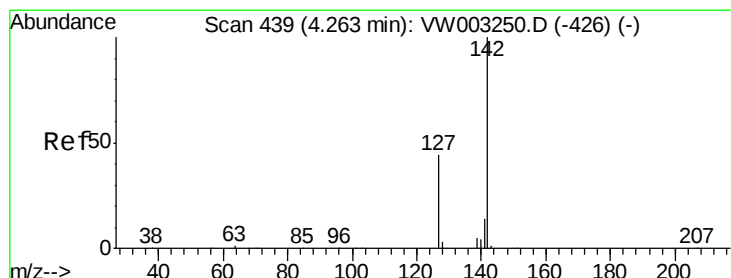
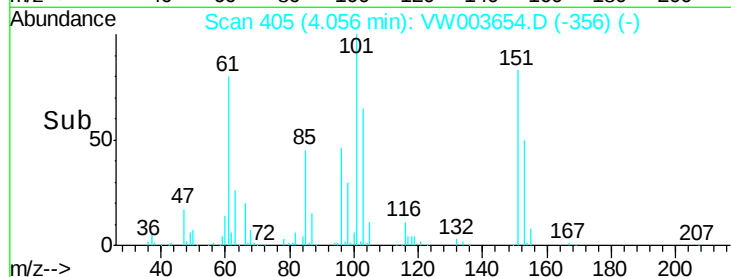
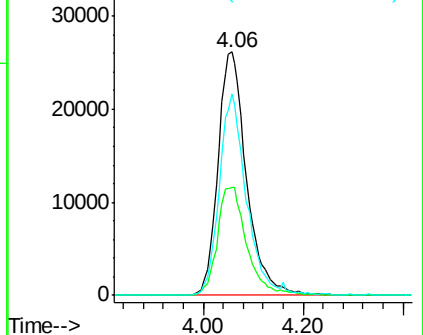
151 77.4 63.3 94.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.795 ug/l

RT: 4.26 min Scan# 438

Delta R.T. -0.01 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

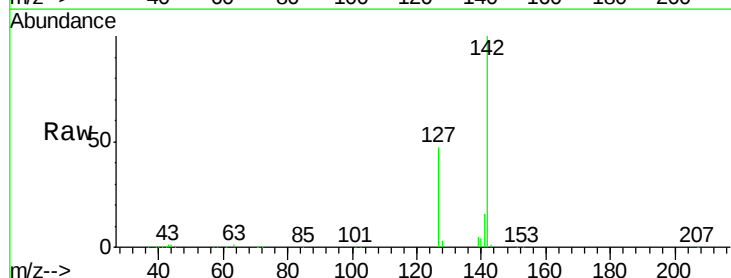
Tgt Ion:142 Resp: 149879

Ion Ratio Lower Upper

142 100

127 46.0 36.5 54.7

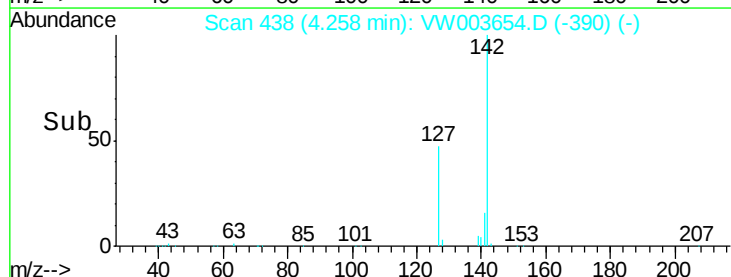
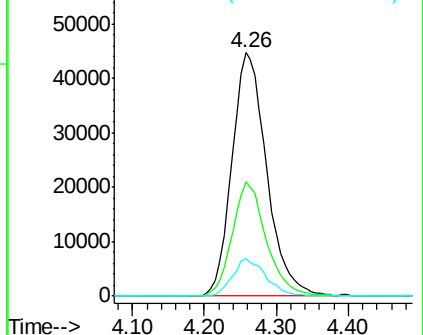
141 14.9 12.1 18.1

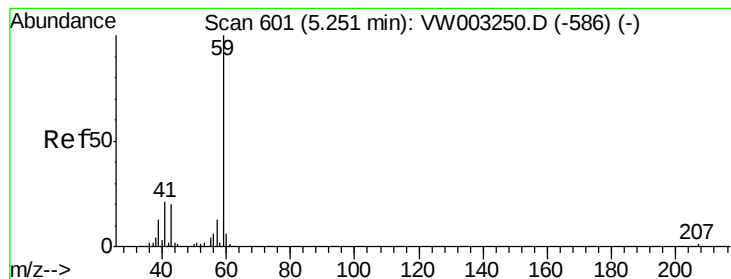


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



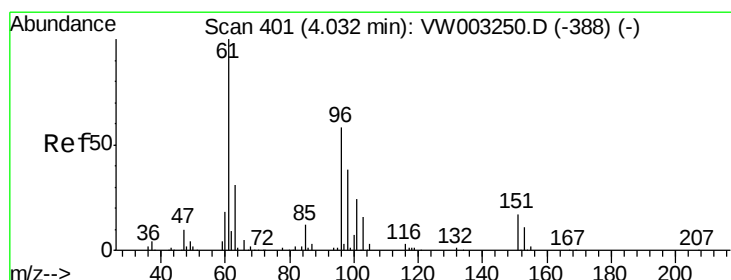
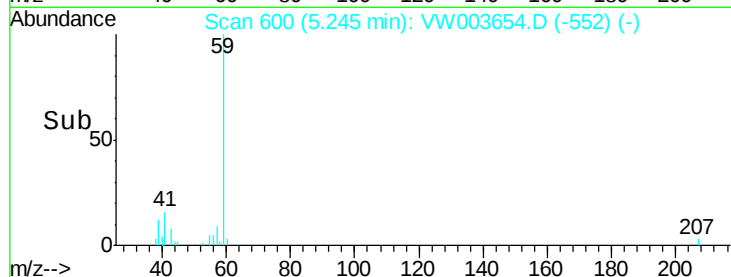
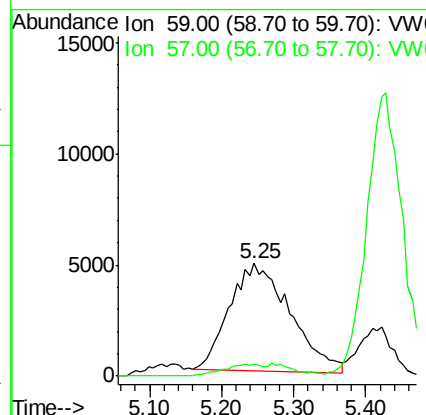
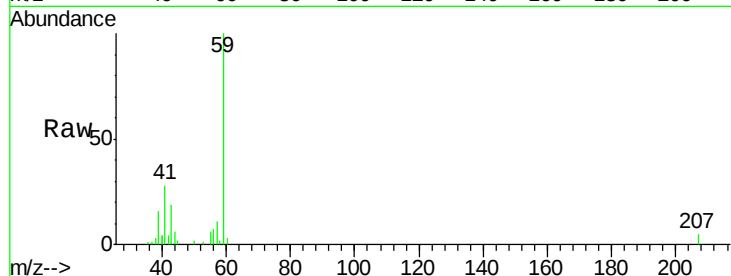


#11

Tert butyl alcohol
Concen: 218.119 ug/l
RT: 5.25 min Scan# 600
Delta R.T. -0.01 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Instrument :
MSVOA_W
ClientSampled :

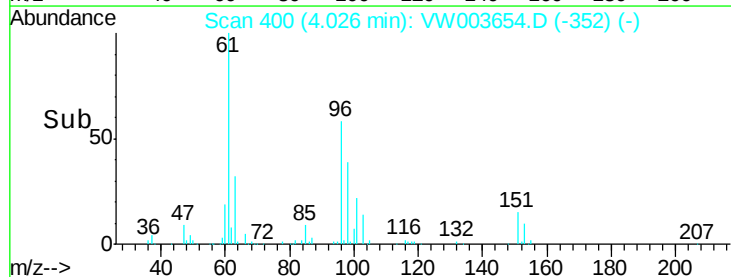
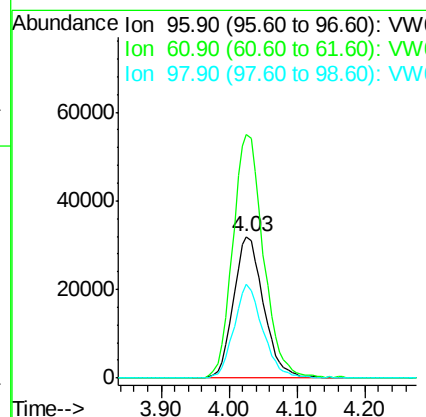
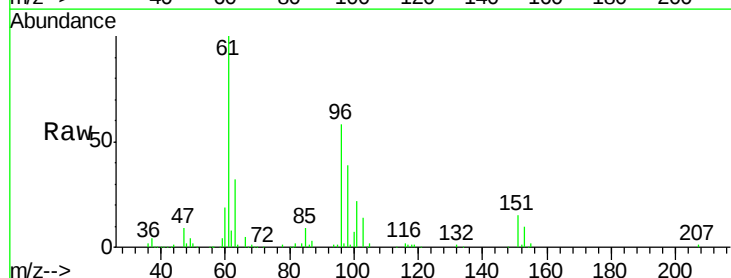
Tot Ion: 59 Resp: 28362
Ion Ratio Lower Upper
59 100
57 7.0 4.2 6.2#

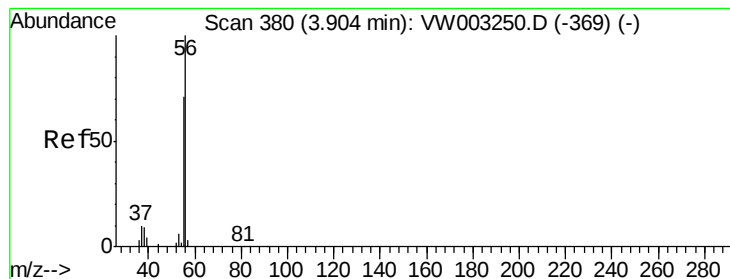


#12

1,1-Dichloroethene
Concen: 48.476 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.01 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Tgt Ion: 96 Resp: 98227
Ion Ratio Lower Upper
96 100
61 172.4 139.0 208.4
98 66.5 53.3 79.9





#13

Acrolein

Concen: 205.451 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Instrument :

MSVOA_W

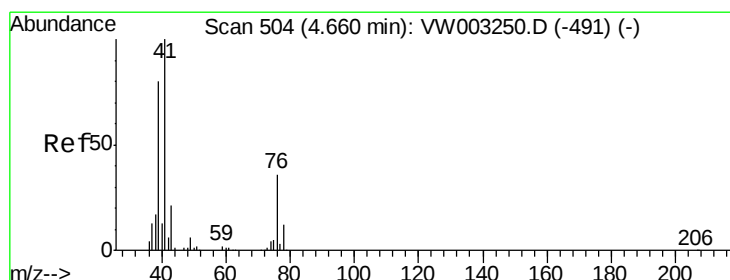
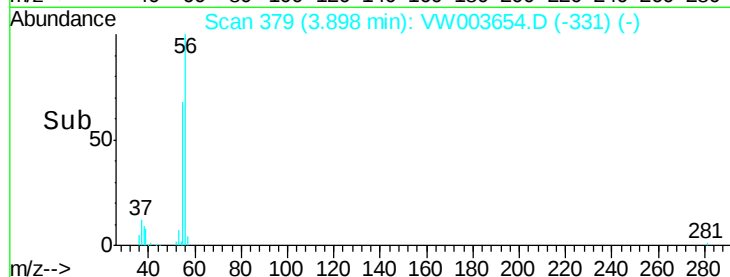
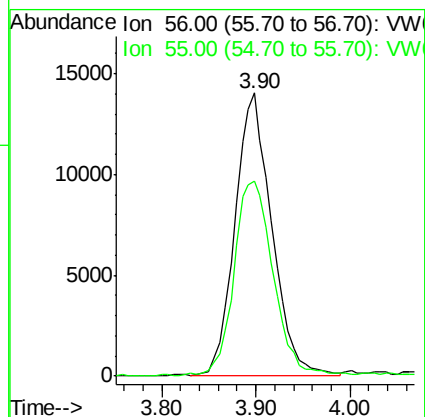
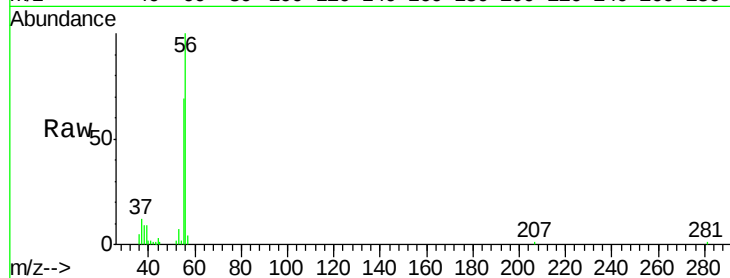
ClientSampleId :

Tot Ion: 56 Resp: 38195

Ion Ratio Lower Upper

56 100

55 73.3 55.4 83.2



#14

Allyl chloride

Concen: 50.651 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

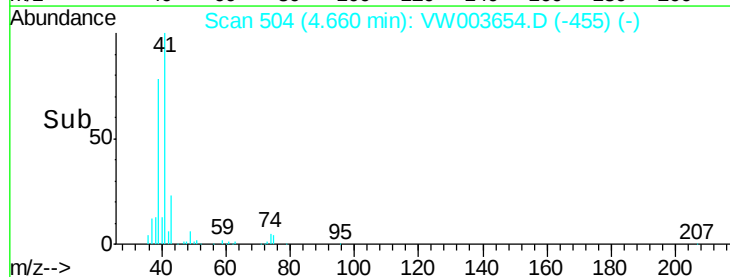
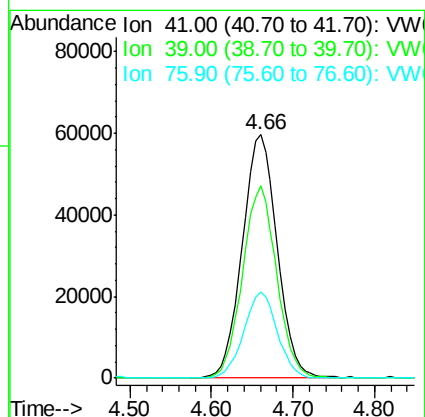
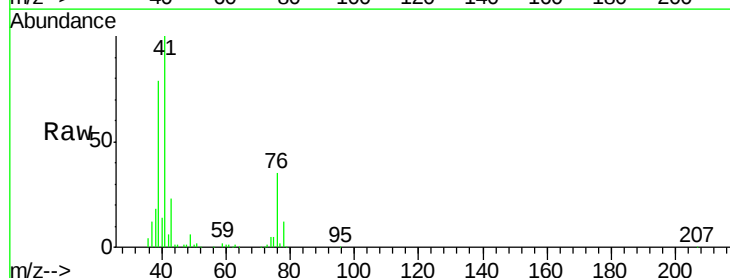
Tgt Ion: 41 Resp: 177780

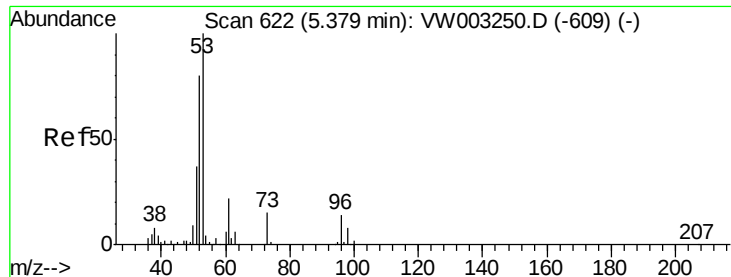
Ion Ratio Lower Upper

41 100

39 76.5 63.2 94.8

76 34.1 28.0 42.0





#15

Acrylonitrile

Concen: 251.391 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Instrument :

MSVOA_W

ClientSampleId :

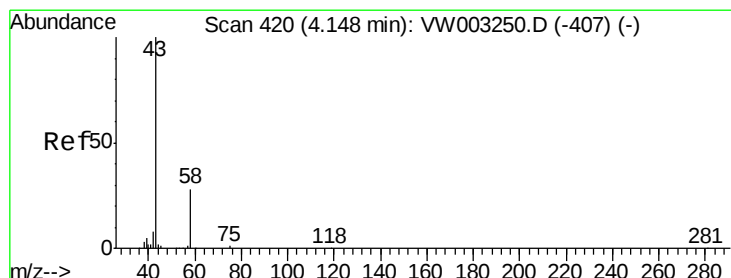
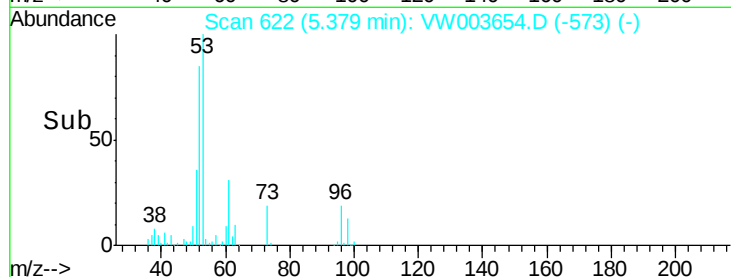
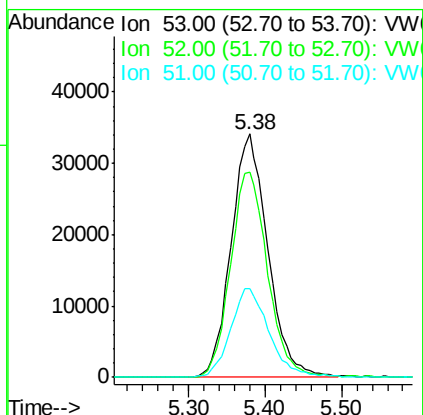
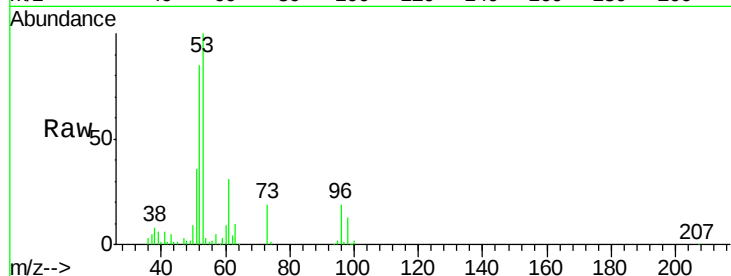
Tot Ion: 53 Resp: 113457

Ion Ratio Lower Upper

53 100

52 85.2 66.6 100.0

51 37.9 30.6 46.0



#16

Acetone

Concen: 264.165 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003654.D

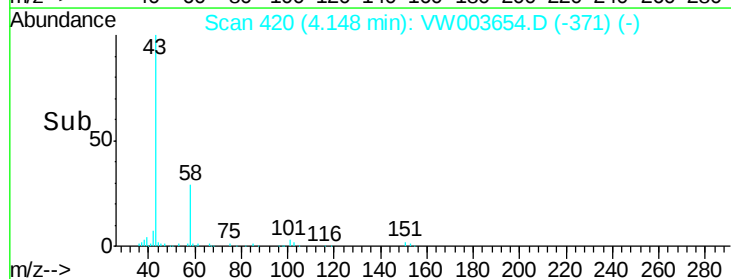
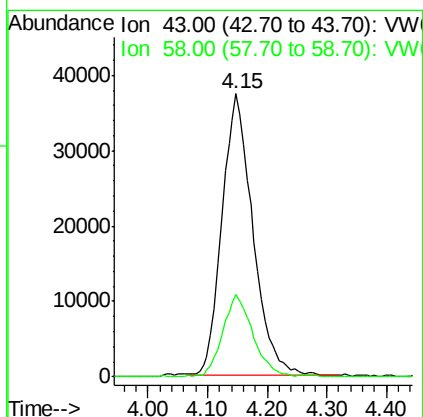
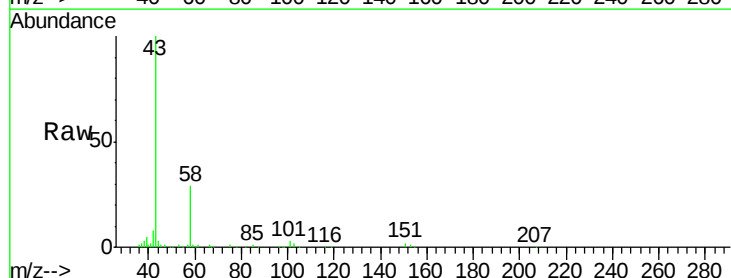
Acq: 29 Jun 2018 12:08

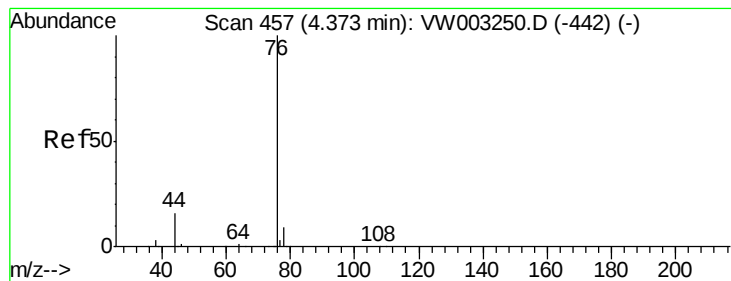
Tgt Ion: 43 Resp: 134327

Ion Ratio Lower Upper

43 100

58 29.1 22.6 34.0





#17

Carbon Disulfide

Concen: 45.826 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Instrument :

MSVOA_W

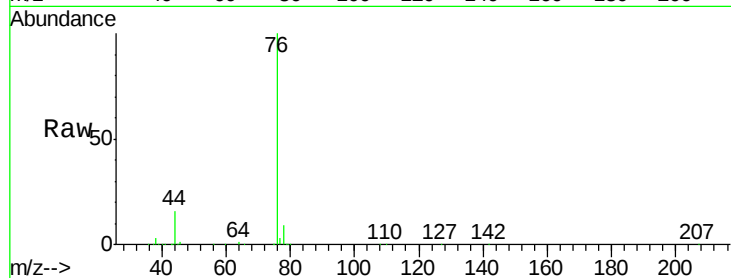
ClientSampleId :

Tot Ion: 76 Resp: 274525

Ion Ratio Lower Upper

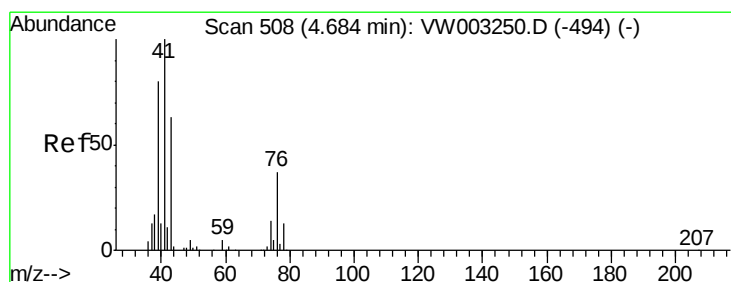
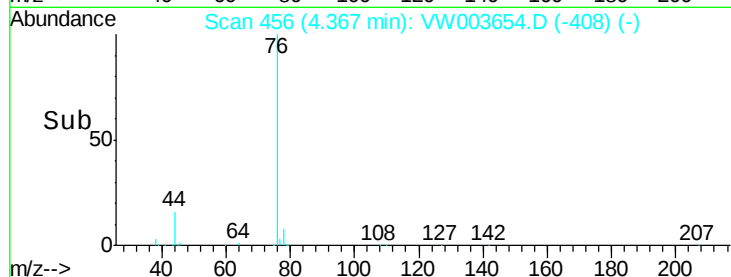
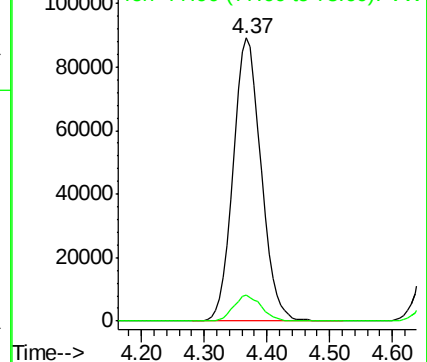
76 100

78 9.3 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 52.613 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW003654.D

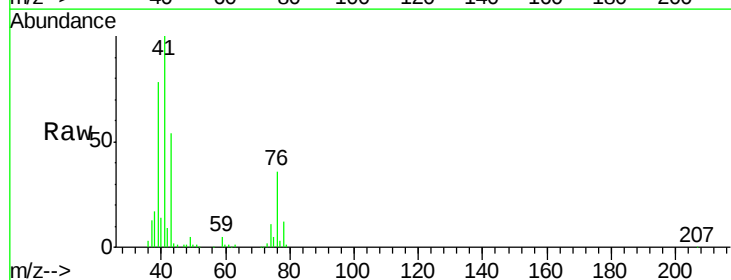
Acq: 29 Jun 2018 12:08

Tgt Ion: 43 Resp: 63468

Ion Ratio Lower Upper

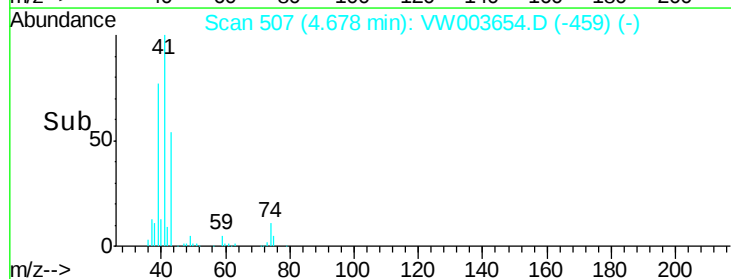
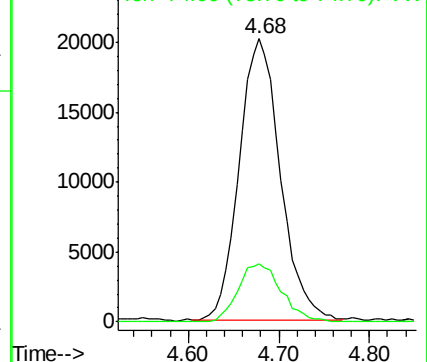
43 100

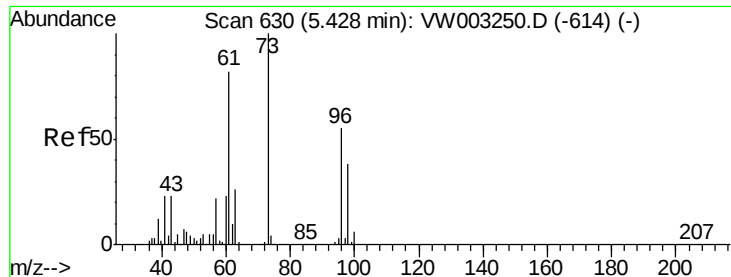
74 21.8 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

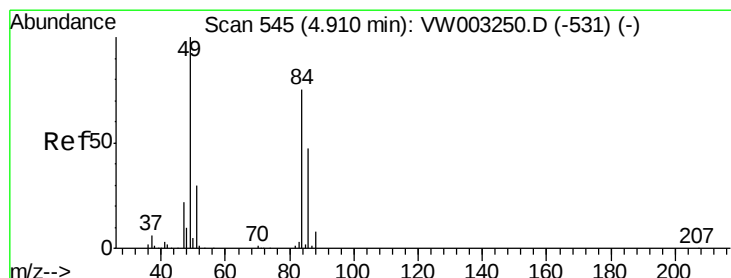
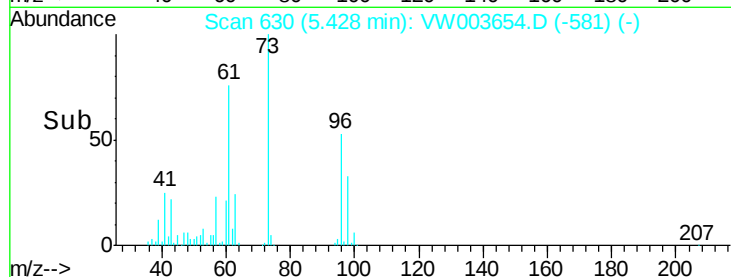
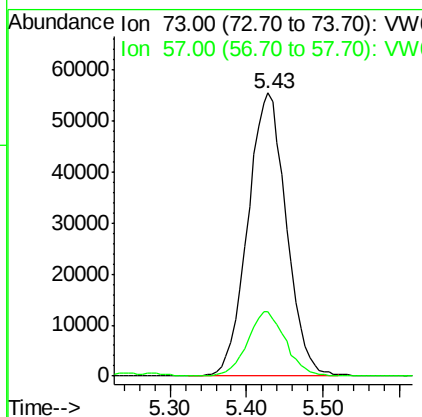
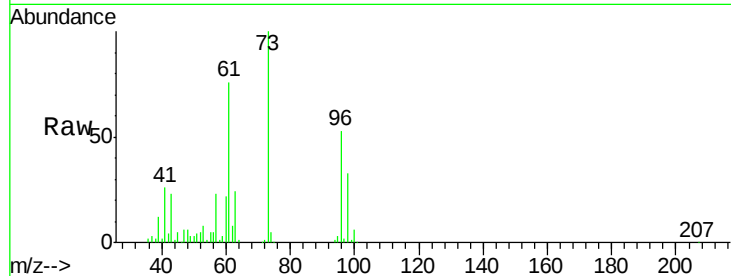




#19
Methyl tert-butyl Ether
Concen: 51.159 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

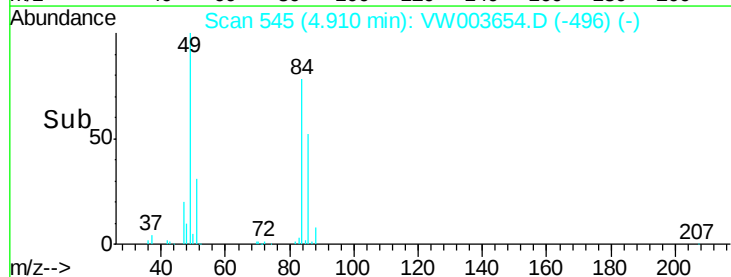
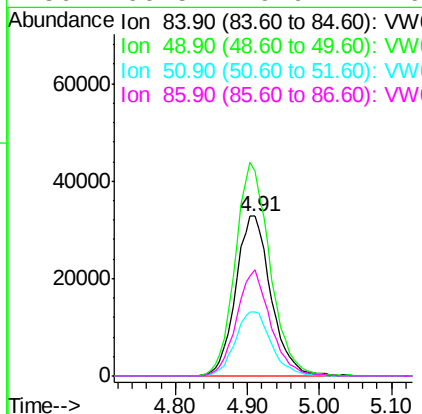
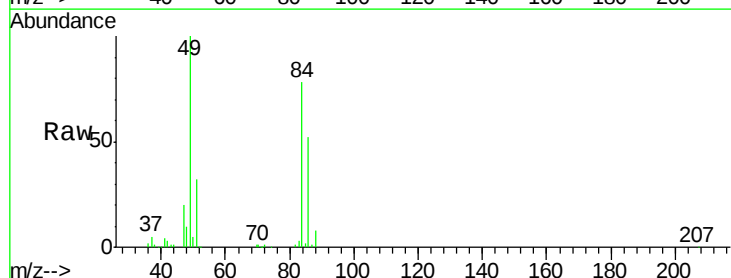
Instrument :
MSVOA_W
ClientSampled :

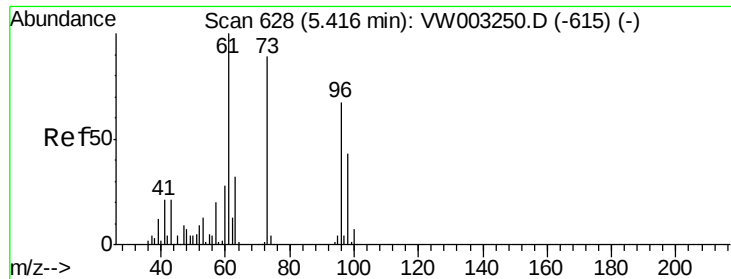
Tot Ion: 73 Resp: 194159
Ion Ratio Lower Upper
73 100
57 22.8 18.0 27.0



#20
Methylene Chloride
Concen: 51.945 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Tgt Ion: 84 Resp: 111896
Ion Ratio Lower Upper
84 100
49 127.9 106.3 159.5
51 40.4 32.0 48.0
86 66.5 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 50.060 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Instrument :

MSVOA_W

ClientSampleId :

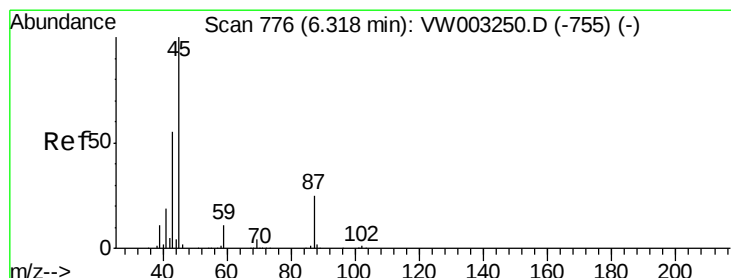
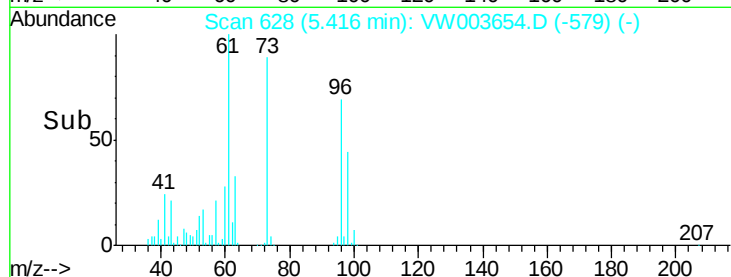
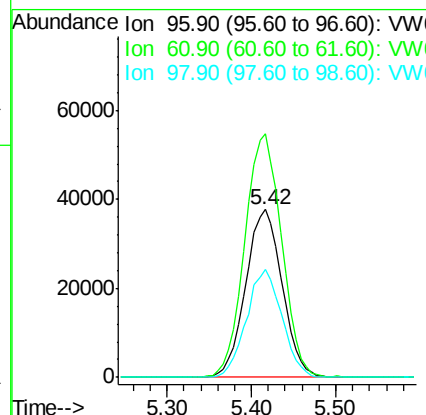
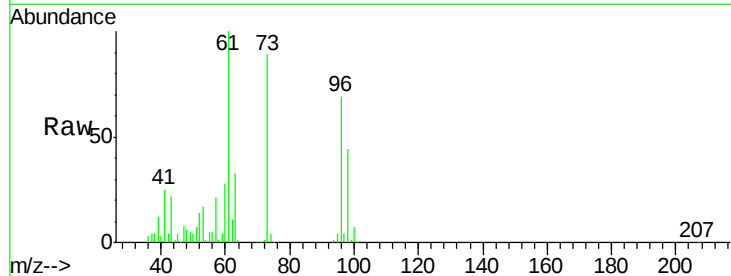
Tot Ion: 96 Resp: 110395

Ion Ratio Lower Upper

96 100

61 144.9 118.7 178.1

98 63.9 51.0 76.6



#22

Diisopropyl ether

Concen: 53.425 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.01 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Tgt Ion: 45 Resp: 377394

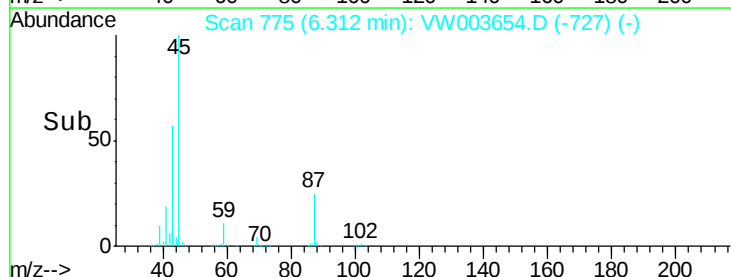
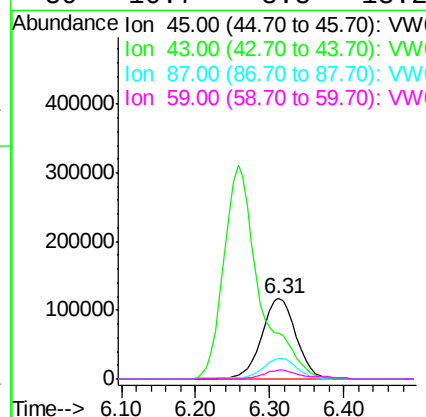
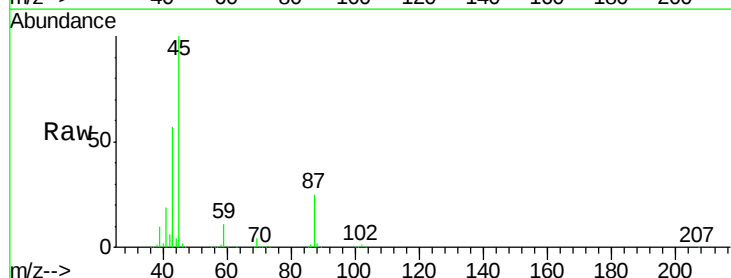
Ion Ratio Lower Upper

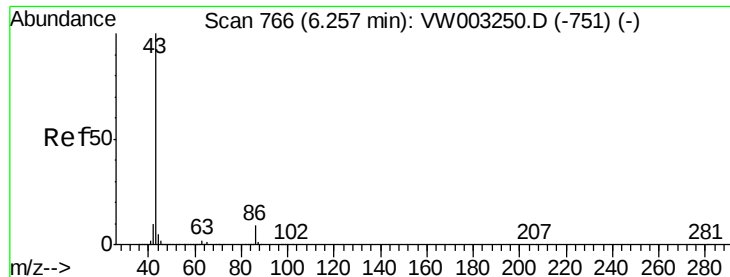
45 100

43 56.2 44.0 66.0

87 25.3 20.6 31.0

59 10.7 8.8 13.2

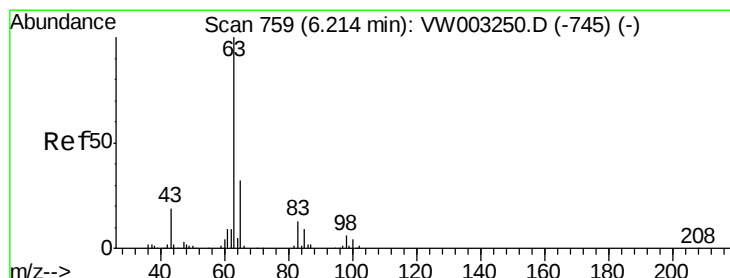
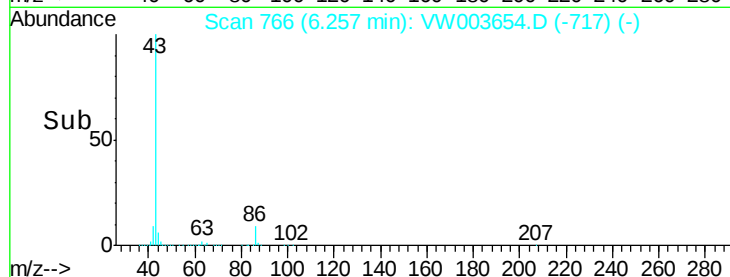
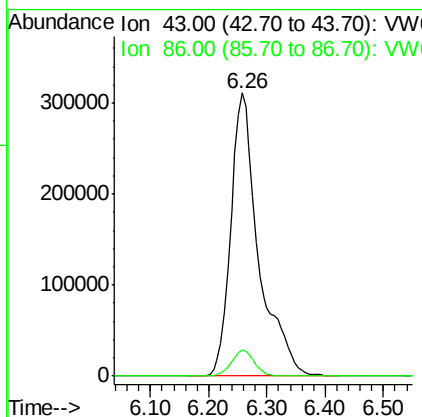
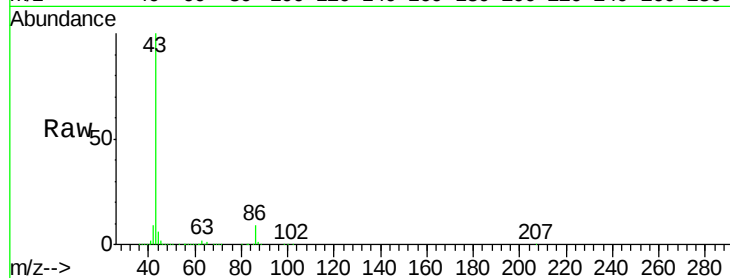




#23
 Vinyl Acetate
 Concen: 254.705 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: VW003654.D
 Acq: 29 Jun 2018 12:08

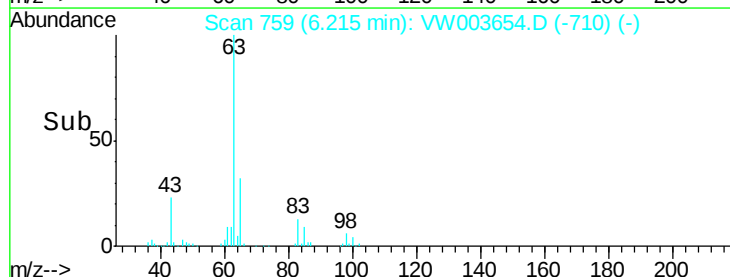
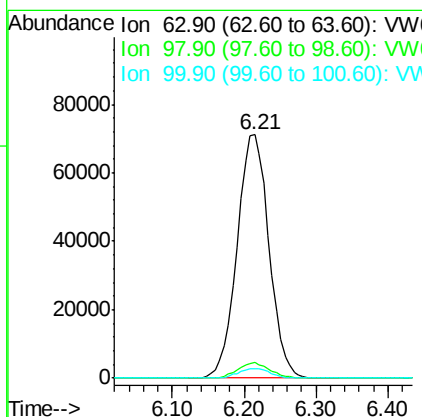
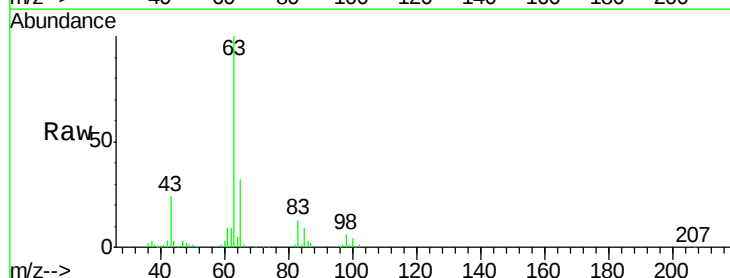
Instrument :
 MSVOA_W
 ClientSampleId :

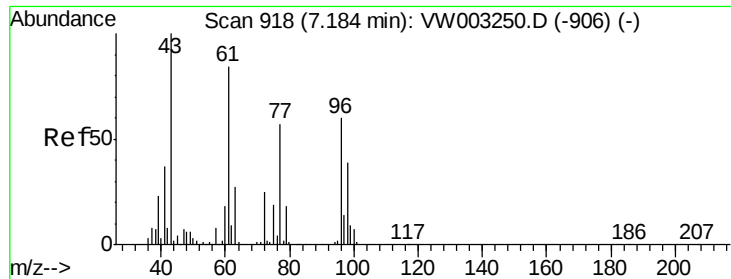
Tot Ion: 43 Resp: 1036836
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 52.016 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: VW003654.D
 Acq: 29 Jun 2018 12:08

Tgt Ion: 63 Resp: 218135
 Ion Ratio Lower Upper
 63 100
 98 6.3 2.8 8.3
 100 4.1 2.1 6.5





#25

2-Butanone

Concen: 260.648 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

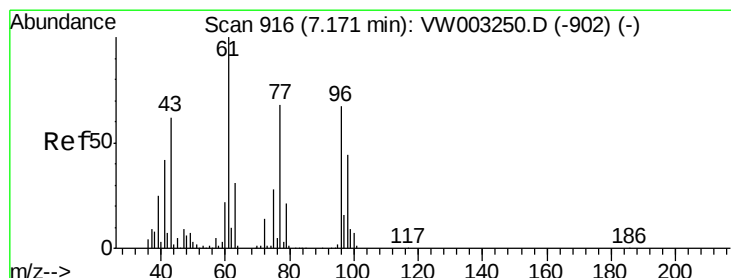
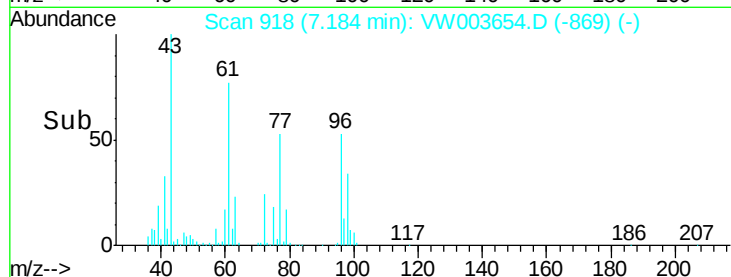
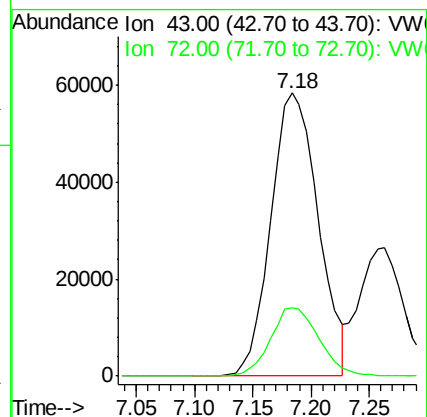
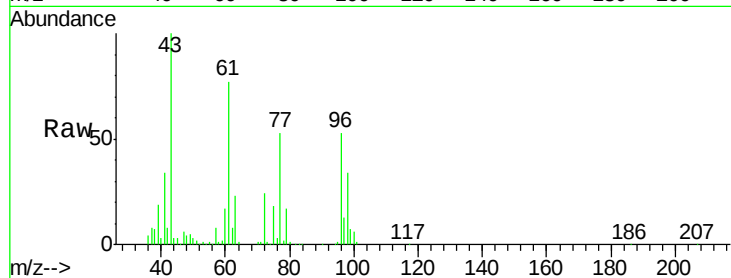
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 164809

Ion Ratio Lower Upper

43 100

72 24.1 20.3 30.5



#26

2,2-Dichloropropane

Concen: 49.294 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003654.D

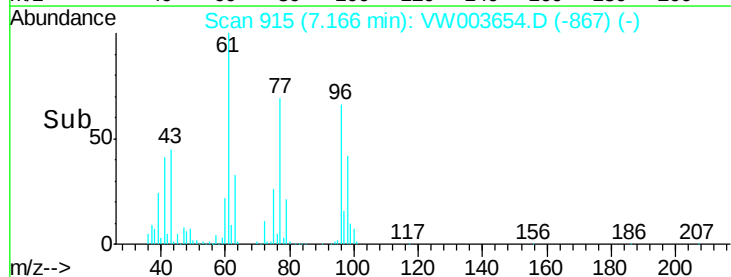
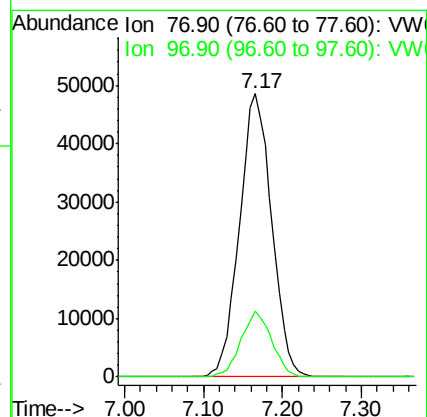
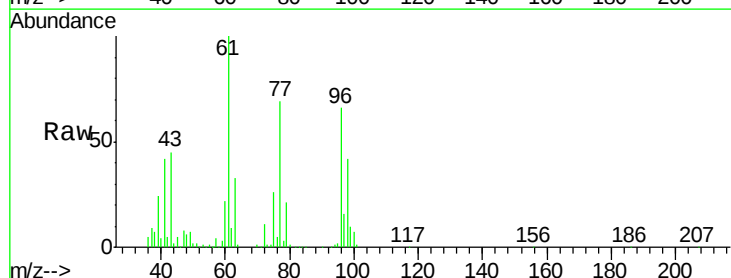
Acq: 29 Jun 2018 12:08

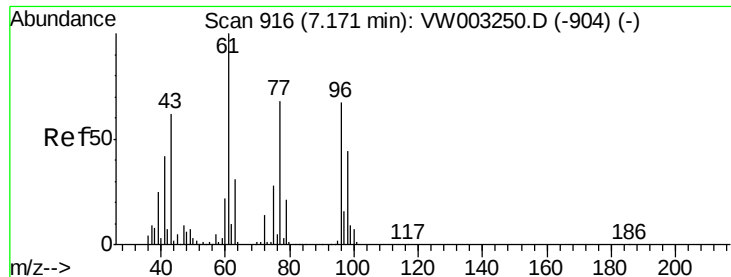
Tgt Ion: 77 Resp: 137961

Ion Ratio Lower Upper

77 100

97 22.1 11.3 33.9



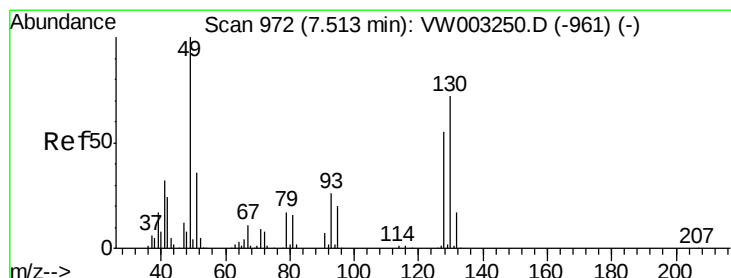
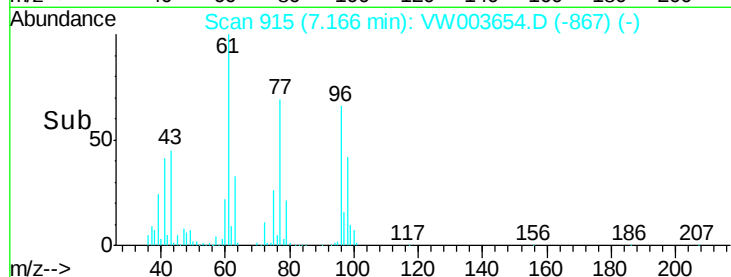
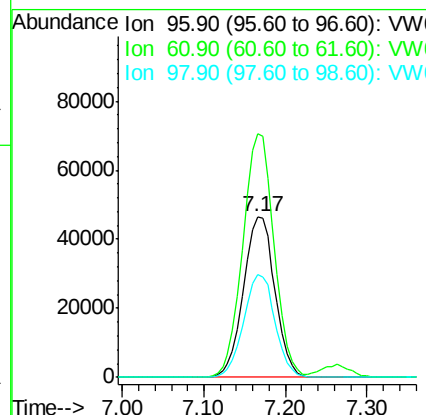
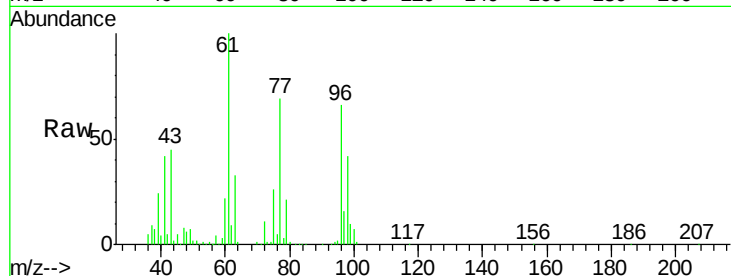


#27

cis-1,2-Dichloroethene
Concen: 51.411 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Instrument :
MSVOA_W
ClientSampleId :

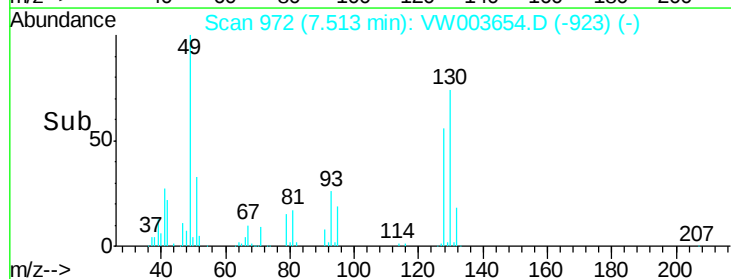
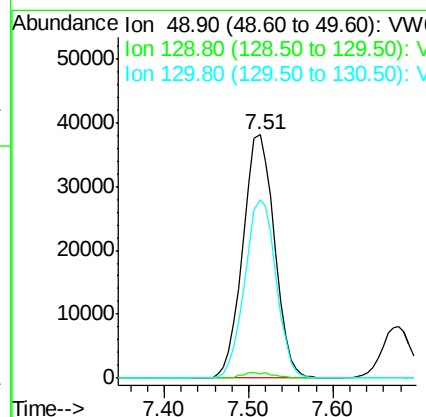
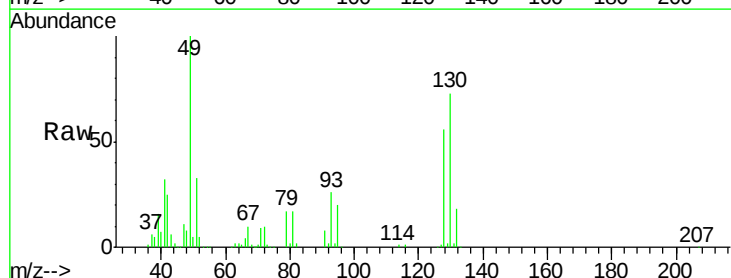
Tot Ion	96	Resp	124545
Ion Ratio	Lower	Upper	
96	100		
61	150.5	0.0	298.8
98	63.9	0.0	130.4

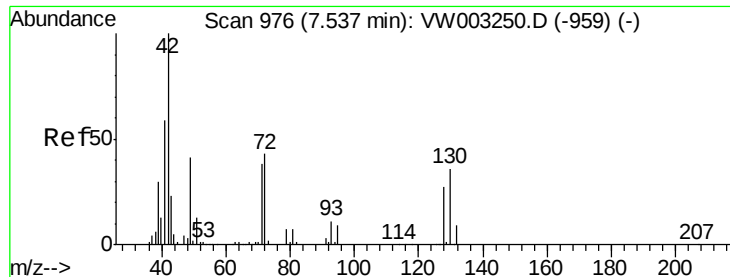


#28

Bromochloromethane
Concen: 55.236 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Tgt Ion	49	Resp	96392
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
49	100		
129	2.2	0.0	4.6
130	72.7	59.4	89.2

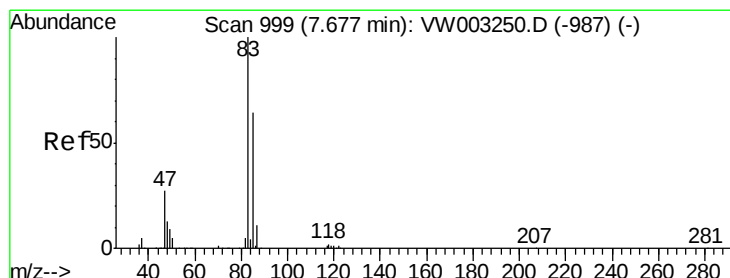
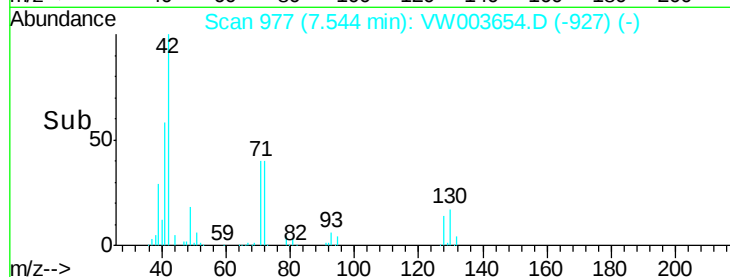
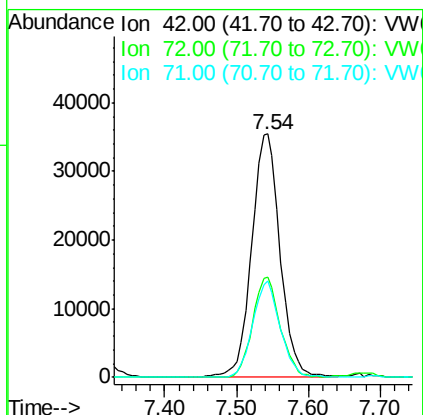
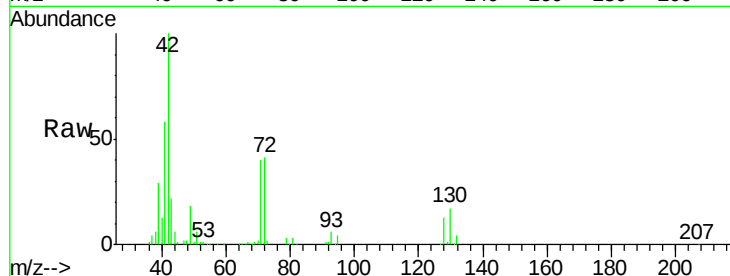




#29
Tetrahydrofuran
Concen: 251.862 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

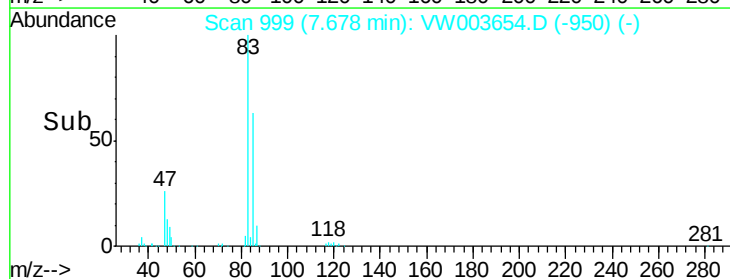
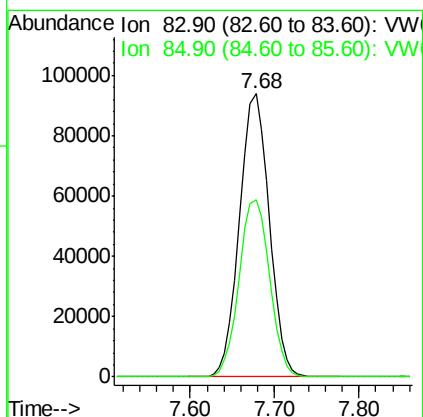
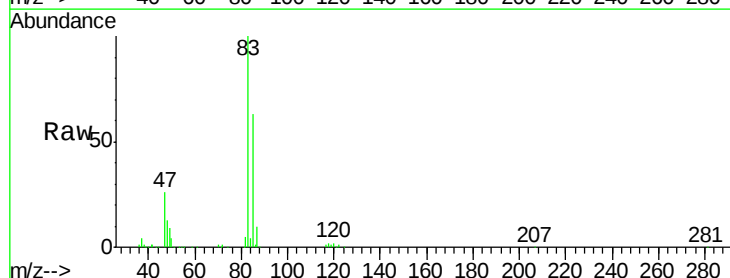
Instrument :
MSVOA_W
ClientSampleId :

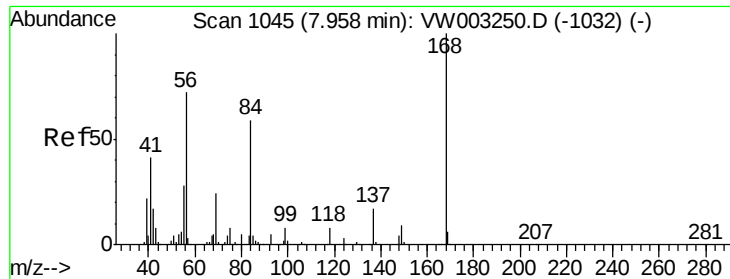
Tot Ion: 42 Resp: 97330
Ion Ratio Lower Upper
42 100
72 39.9 32.4 48.6
71 38.0 31.2 46.8



#30
Chloroform
Concen: 52.501 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Tgt Ion: 83 Resp: 224301
Ion Ratio Lower Upper
83 100
85 62.7 51.3 76.9

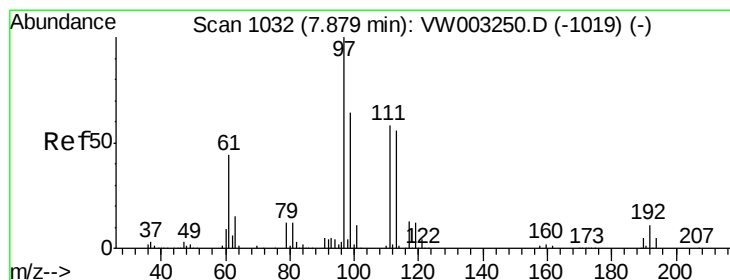
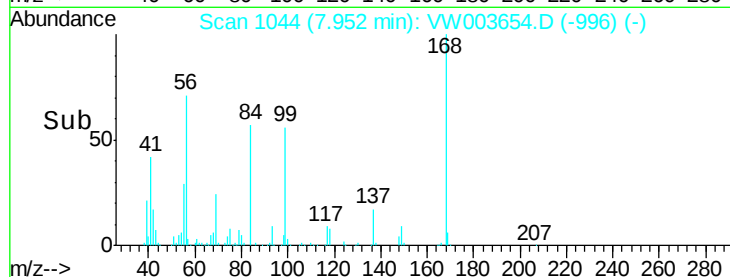
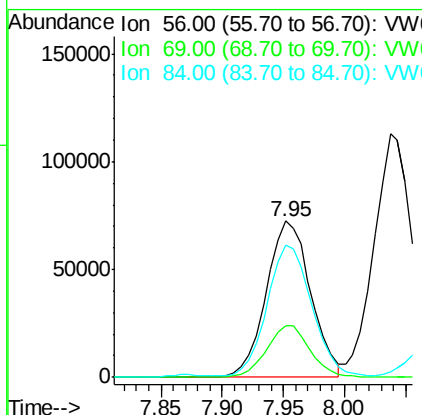
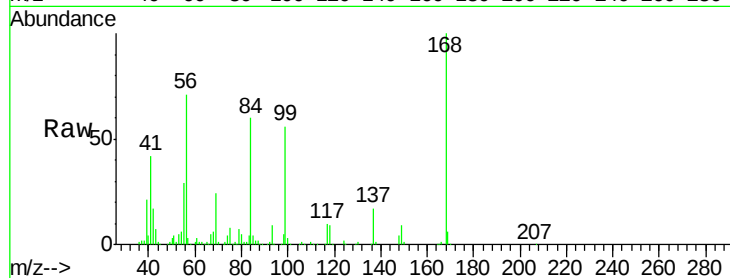




#31
Cvclohexane
Concen: 46.748 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

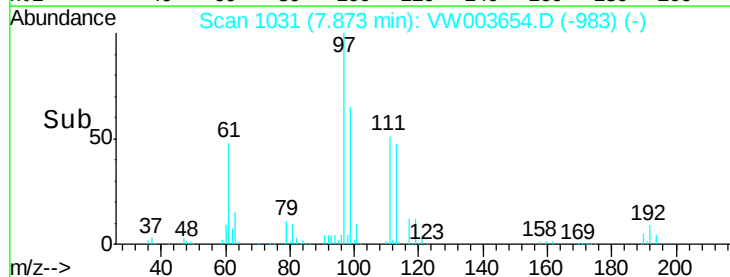
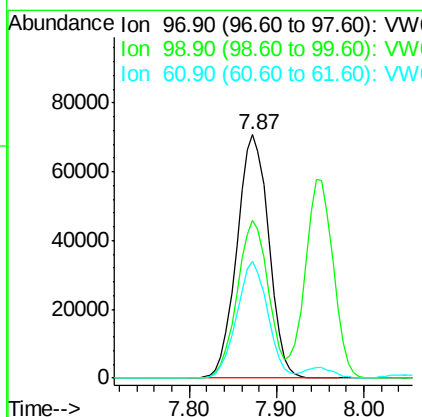
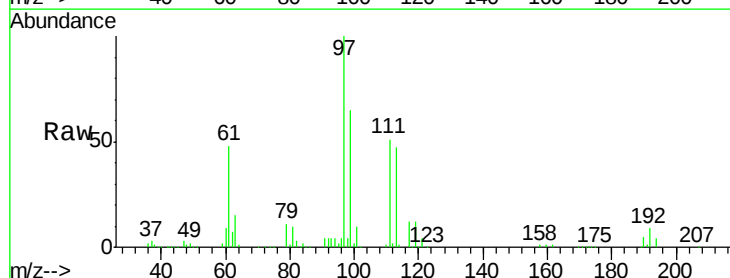
Instrument :
MSVOA_W
ClientSampleId :

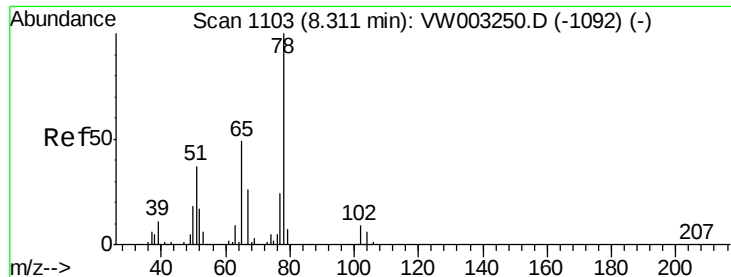
Tot Ion: 56 Resp: 183150
Ion Ratio Lower Upper
56 100
69 33.4 26.3 39.5
84 82.4 65.7 98.5



#32
1,1,1-Trichloroethane
Concen: 50.714 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Tgt Ion: 97 Resp: 178843
Ion Ratio Lower Upper
97 100
99 63.5 51.7 77.5
61 46.7 37.6 56.4

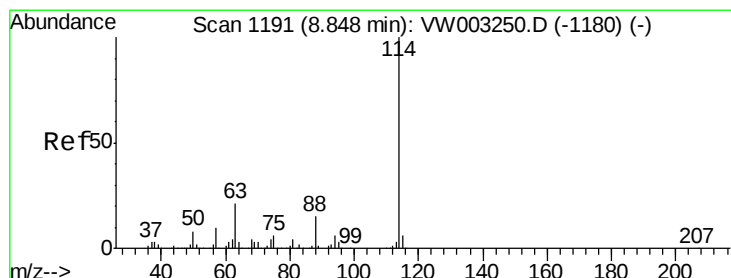
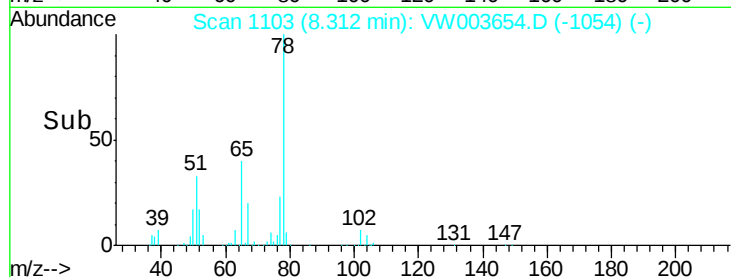
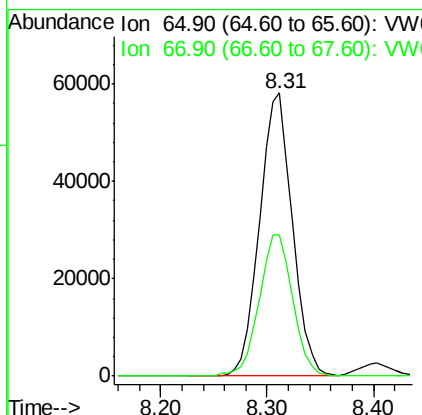
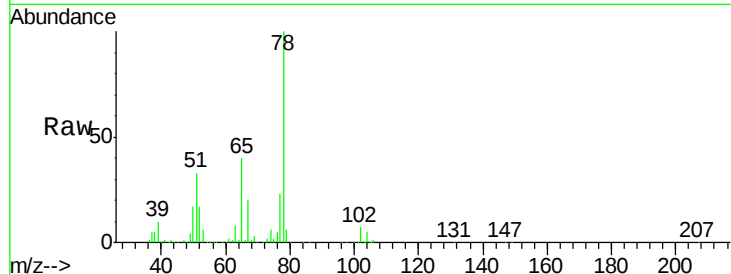




#33
 1,2-Dichloroethane-d4
 Concen: 51.621 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003654.D
 Acq: 29 Jun 2018 12:08

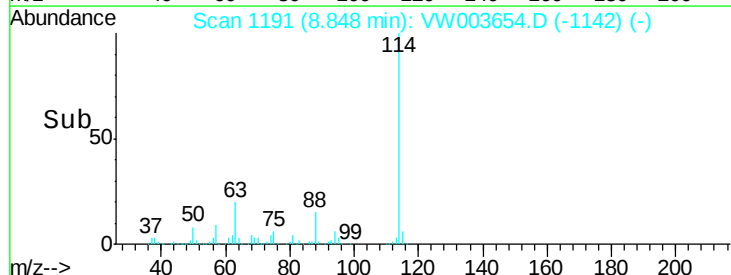
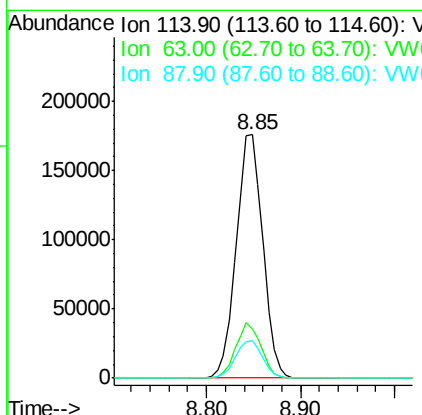
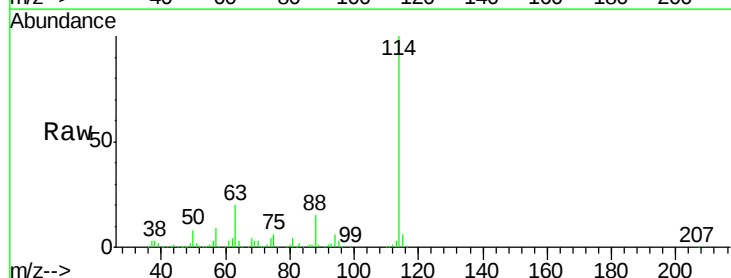
Instrument :
 MSVOA_W
 ClientSampleId :

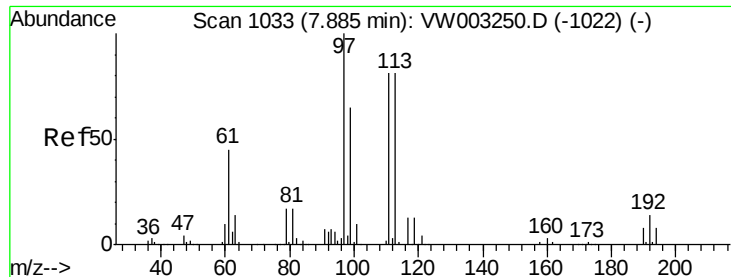
Tot Ion: 65 Resp: 125157
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003654.D
 Acq: 29 Jun 2018 12:08

Tgt Ion: 114 Resp: 345809
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 43.0
 88 15.4 0.0 29.6

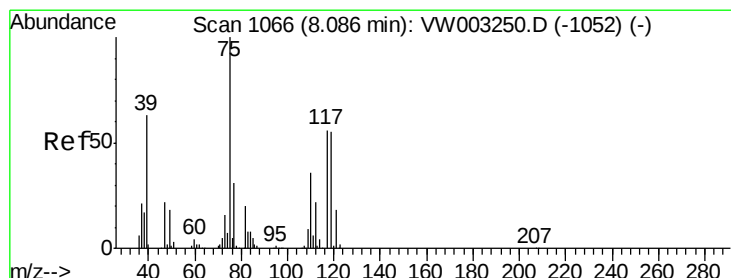
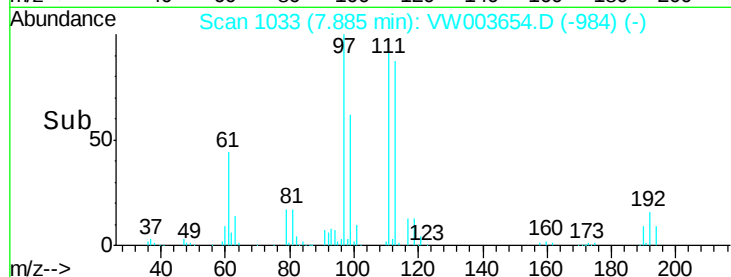
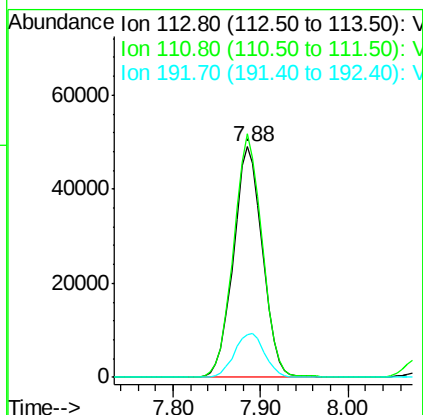
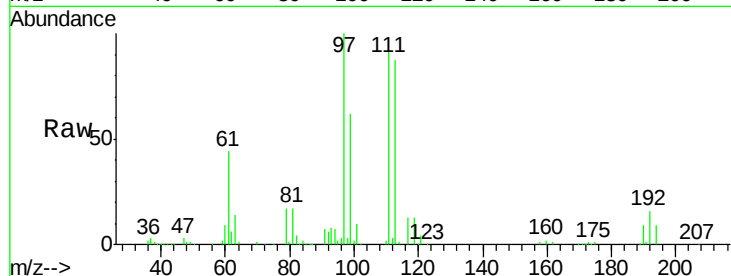




#35
 Dibromofluoromethane
 Concen: 52.537 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003654.D
 Acq: 29 Jun 2018 12:08

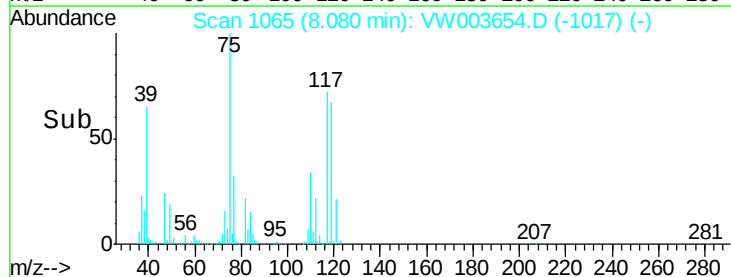
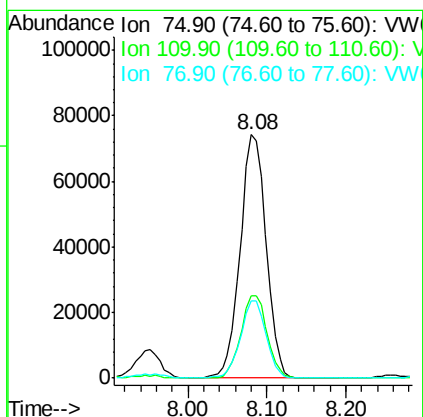
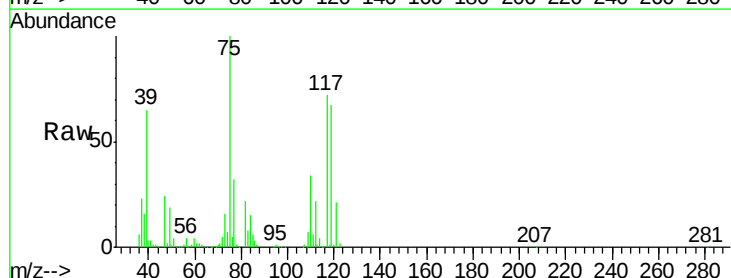
Instrument :
 MSVOA_W
 ClientSampleId :

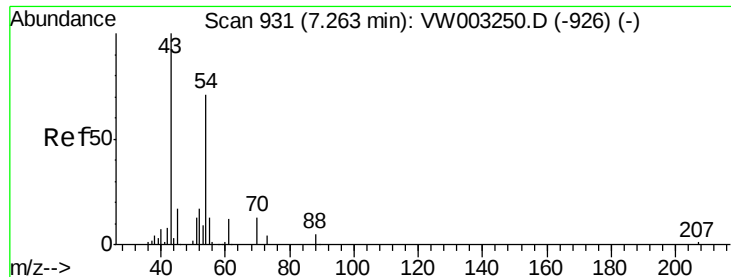
Tot Ion:113 Resp: 112889
 Ion Ratio Lower Upper
 113 100
 111 104.2 82.2 123.2
 192 19.8 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 51.203 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: VW003654.D
 Acq: 29 Jun 2018 12:08

Tgt Ion: 75 Resp: 170998
 Ion Ratio Lower Upper
 75 100
 110 34.0 17.1 51.3
 77 31.5 24.9 37.3

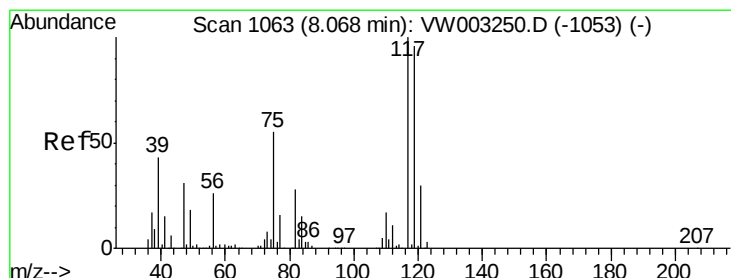
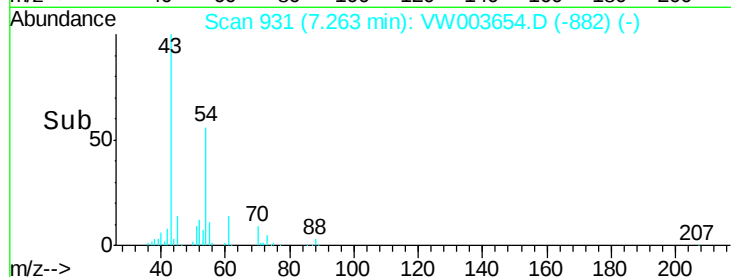
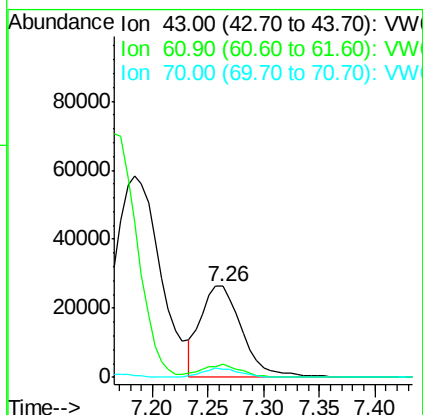
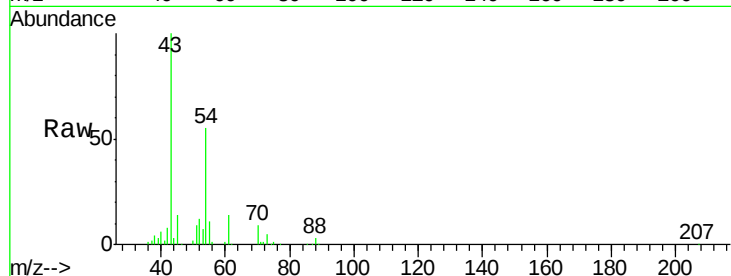




#37
Ethyl Acetate
Concen: 48.624 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

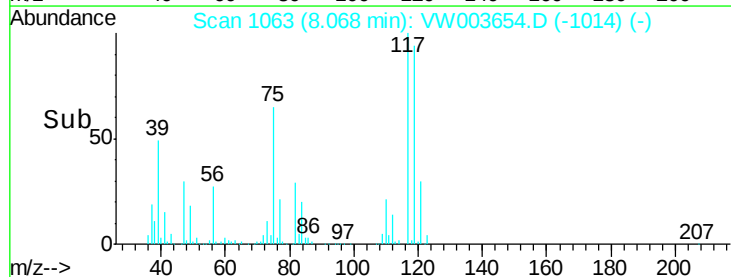
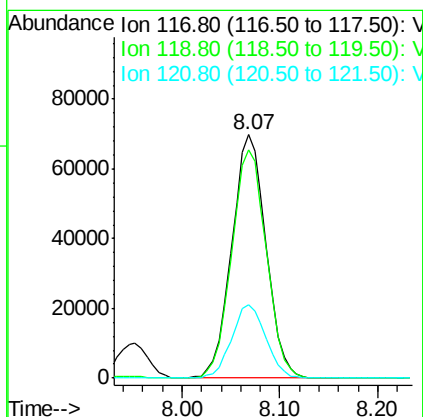
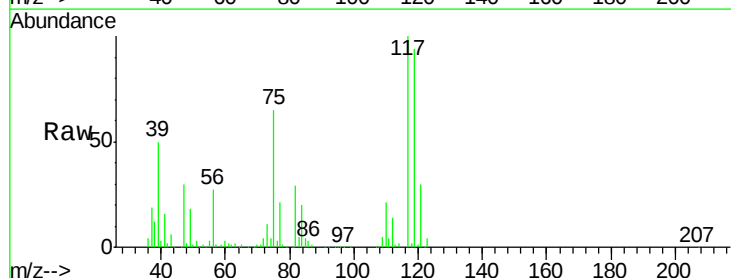
Instrument :
MSVOA_W
ClientSampled :

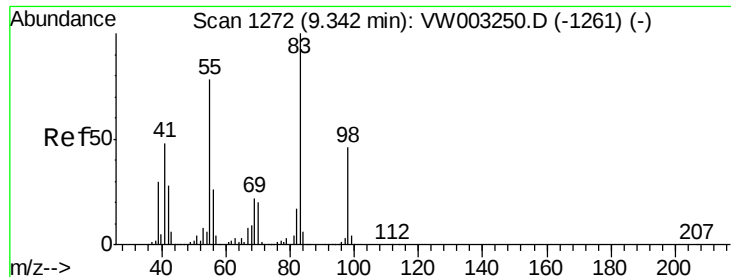
Tot Ion: 43 Resp: 67272
Ion Ratio Lower Upper
43 100
61 13.6 10.8 16.2
70 9.4 7.8 11.6



#38
Carbon Tetrachloride
Concen: 51.473 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Tgt Ion: 117 Resp: 168616
Ion Ratio Lower Upper
117 100
119 93.8 76.6 115.0
121 30.2 23.9 35.9

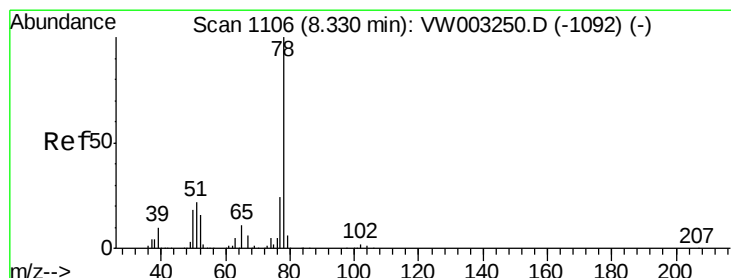
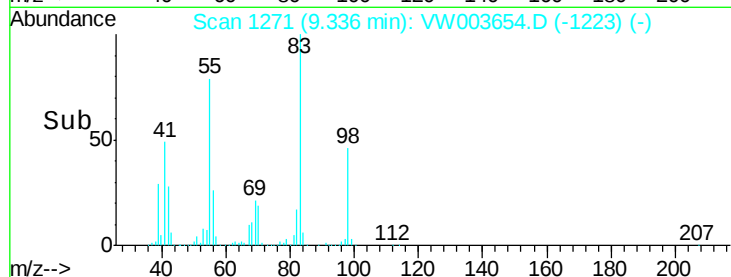
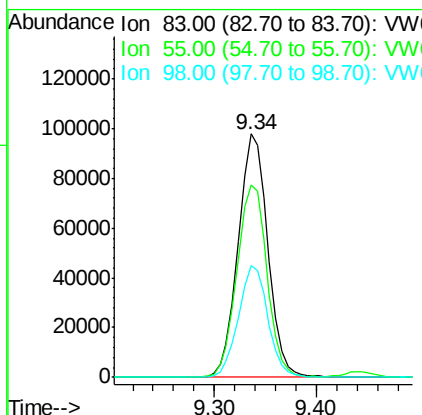
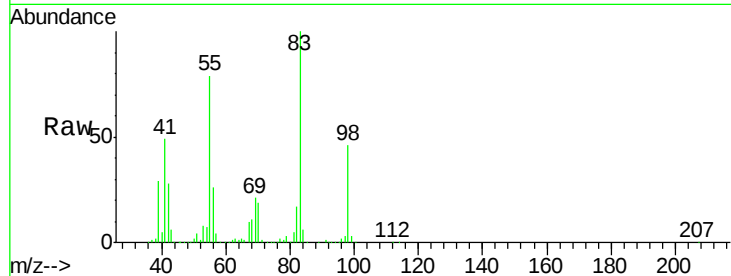




#39
Methvlcvclohexane
Concen: 51.099 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

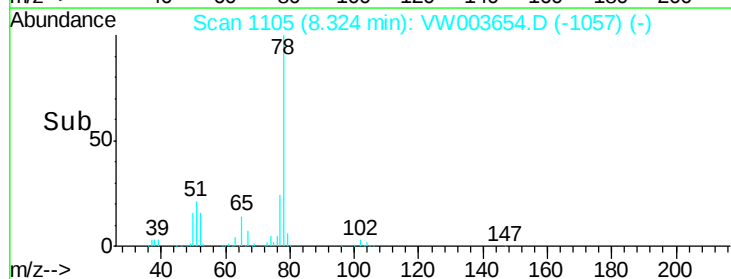
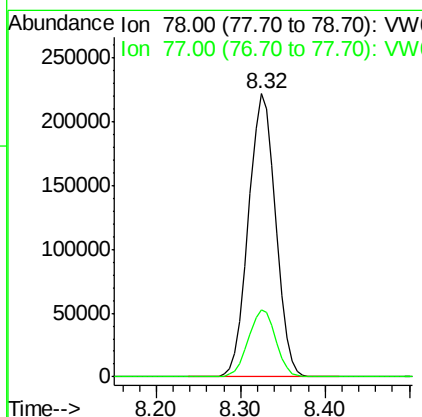
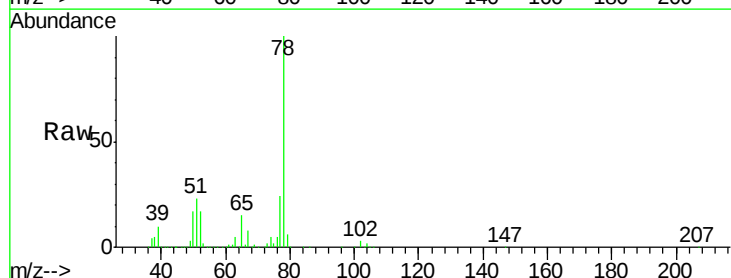
Instrument :
MSVOA_W
ClientSampleId :

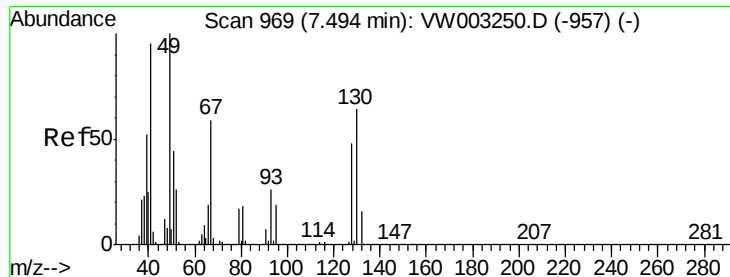
Tot Ion: 83 Resp: 197456
Ion Ratio Lower Upper
83 100
55 78.9 62.6 93.8
98 45.9 37.0 55.4



#40
Benzene
Concen: 52.556 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Tgt Ion: 78 Resp: 483799
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6

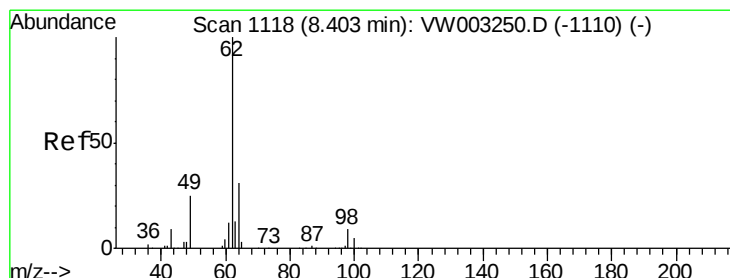
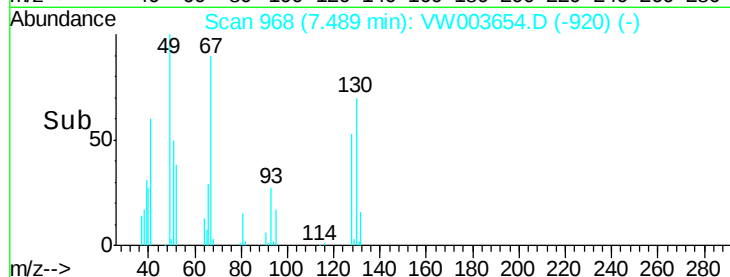
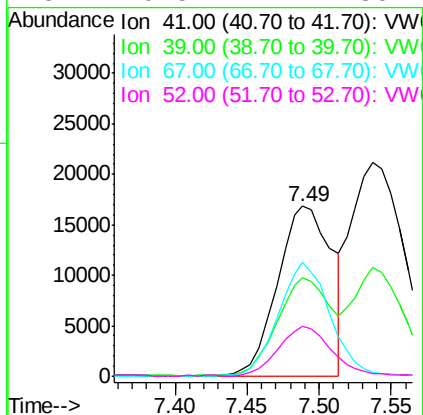
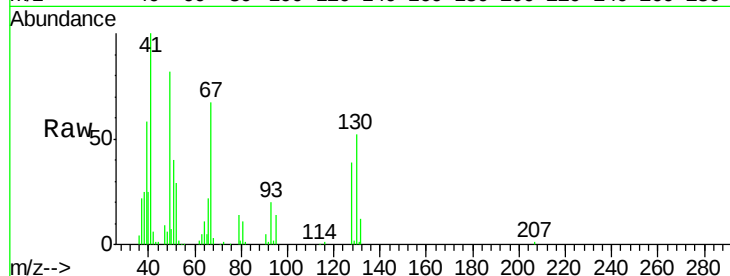




#41
Methacrylonitrile
Concen: 52.060 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

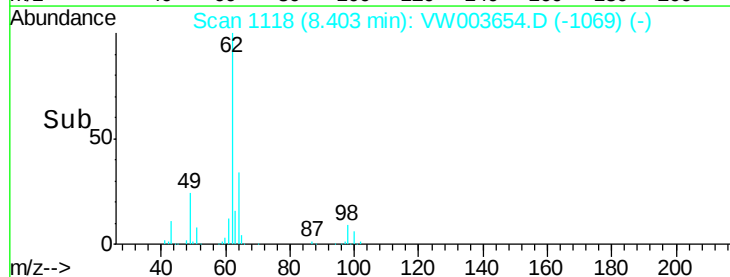
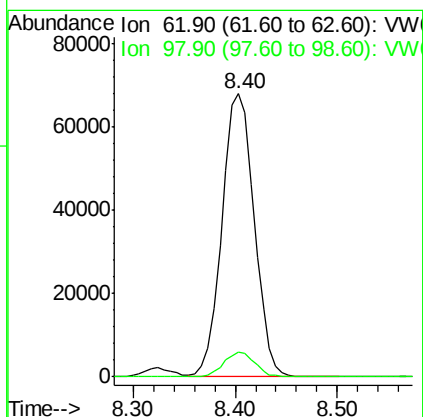
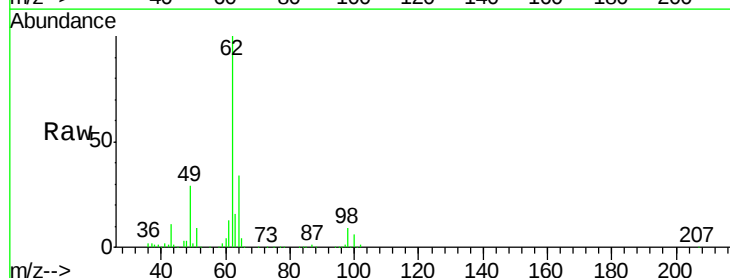
Instrument :
MSVOA_W
ClientSampleId :

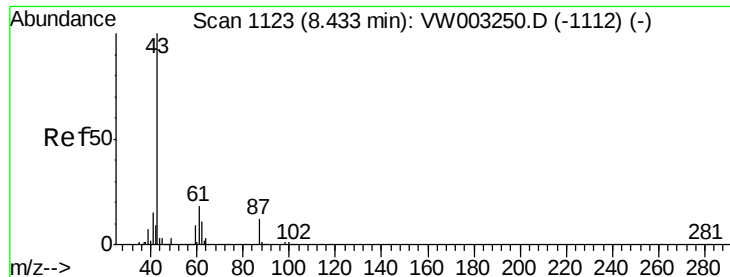
Tot Ion:	41	Resp:	44199
Ion	Ratio	Lower	Upper
41	100		
39	57.2	45.8	68.8
67	64.3	52.3	78.5
52	29.5	24.1	36.1



#42
1,2-Dichloroethane
Concen: 51.524 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Tgt Ion:	62	Resp:	148602
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.2





#43

Isopropyl Acetate

Concen: 49.851 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Instrument :

MSVOA_W

ClientSampled :

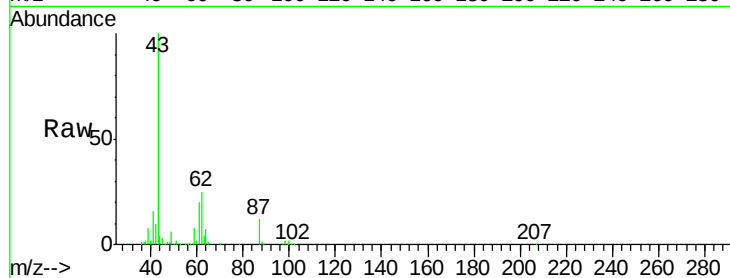
Tot Ion: 43 Resp: 136949

Ion Ratio Lower Upper

43 100

61 29.6 23.1 34.7

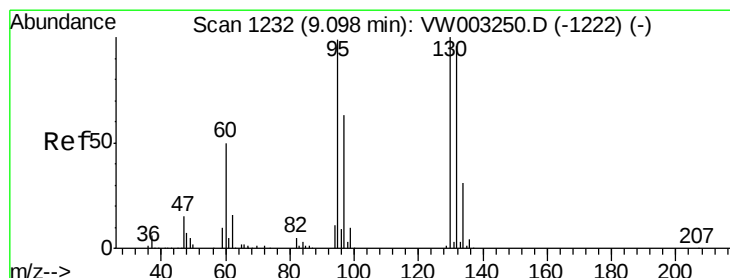
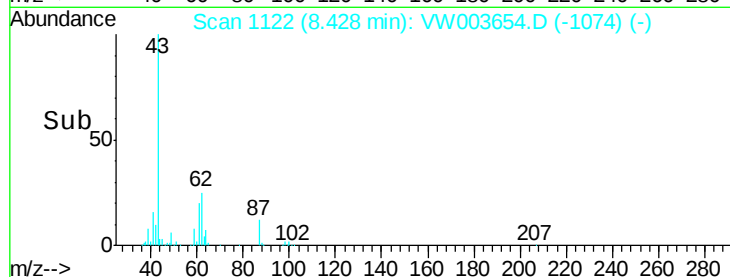
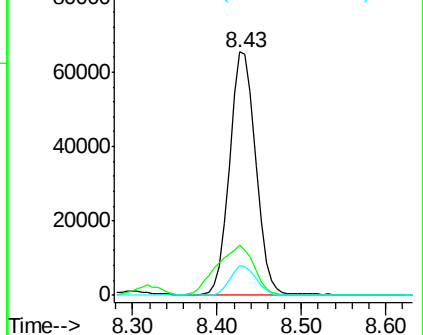
87 12.2 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 50.701 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VW003654.D

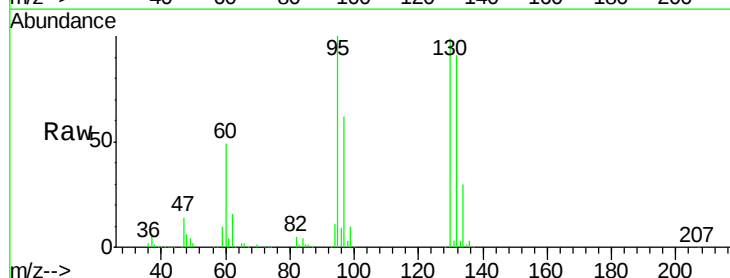
Acq: 29 Jun 2018 12:08

Tgt Ion: 130 Resp: 123672

Ion Ratio Lower Upper

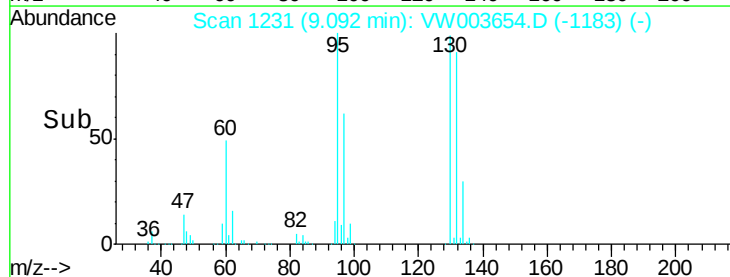
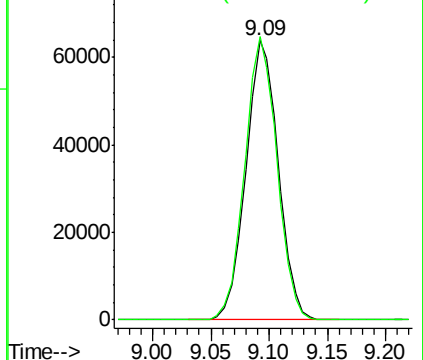
130 100

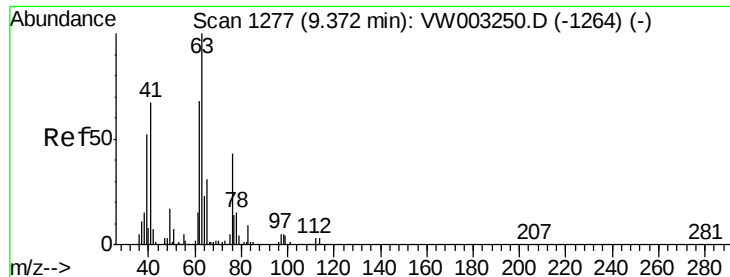
95 101.4 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 53.276 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Instrument :

MSVOA_W

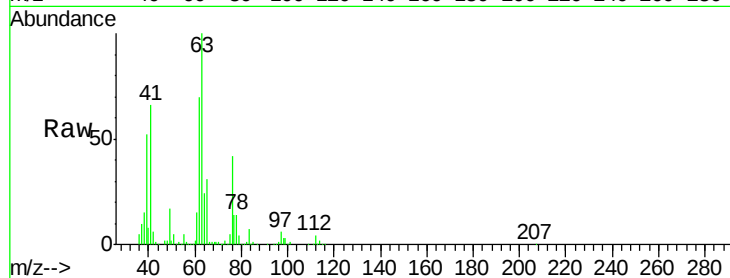
ClientSampleId :

Tot Ion: 63 Resp: 124871

Ion Ratio Lower Upper

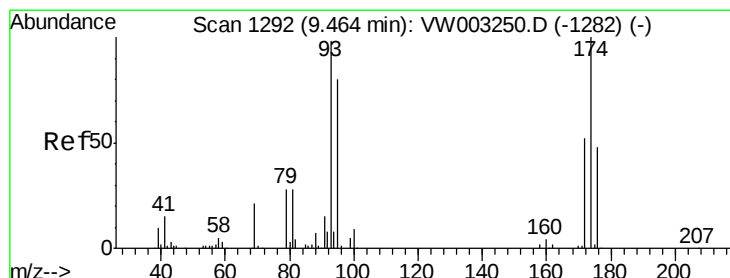
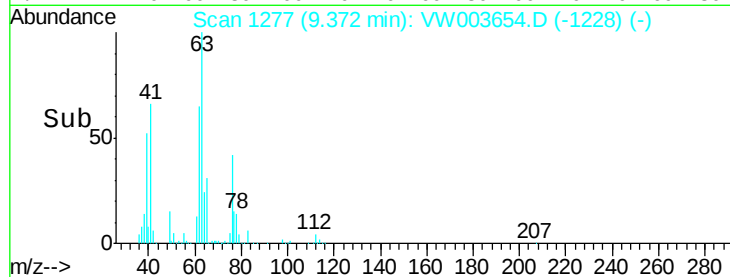
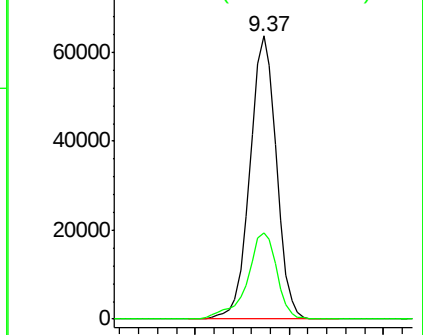
63 100

65 30.6 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 51.764 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

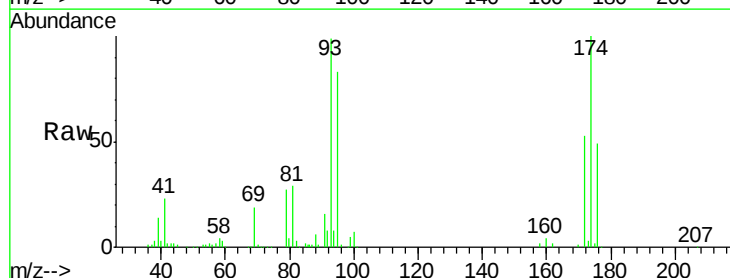
Tgt Ion: 93 Resp: 62116

Ion Ratio Lower Upper

93 100

95 82.2 65.8 98.8

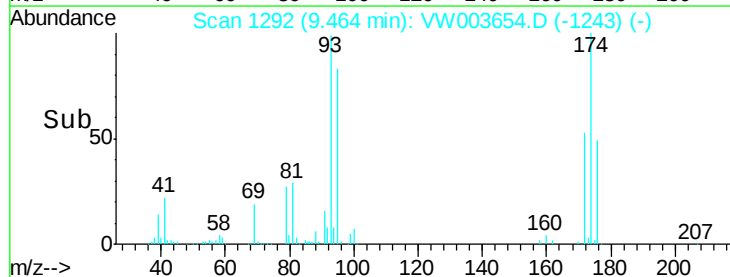
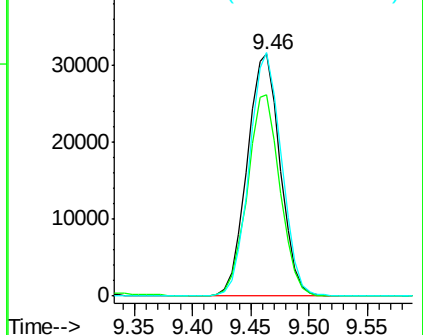
174 98.1 81.4 122.0

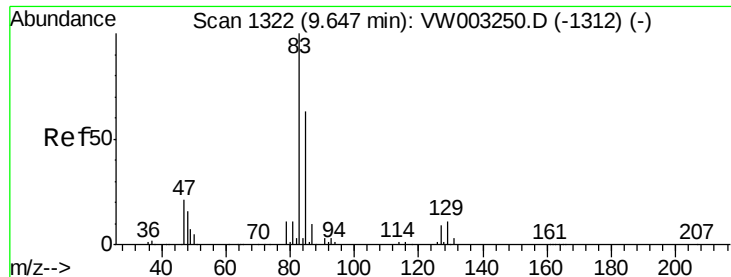


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.613 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Instrument :
MSVOA_W
ClientSampleId :

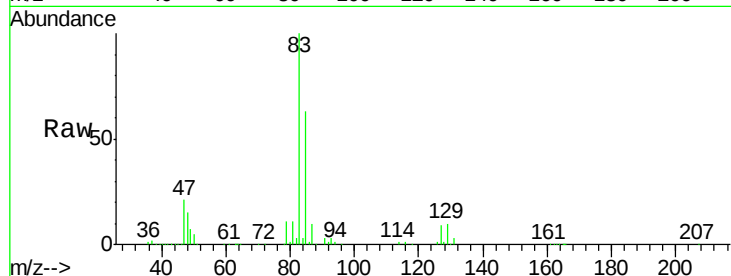
Tot Ion: 83 Resp: 161833

Ion Ratio Lower Upper

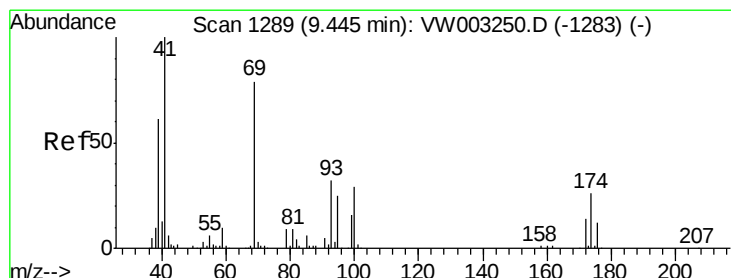
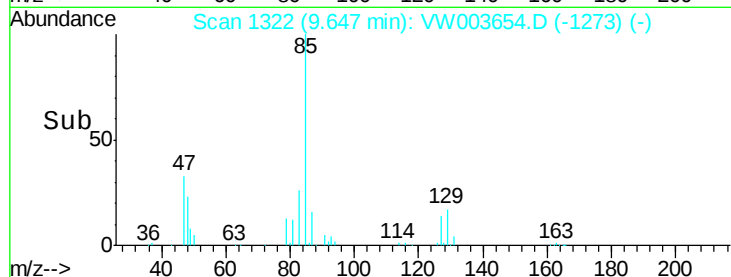
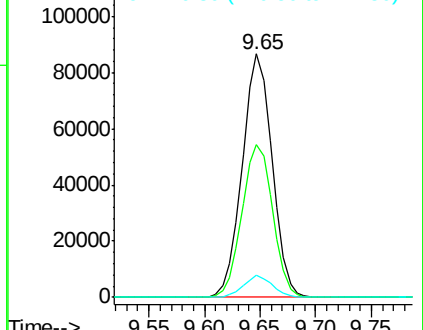
83 100

85 62.7 50.6 75.8

127 8.9 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.968 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

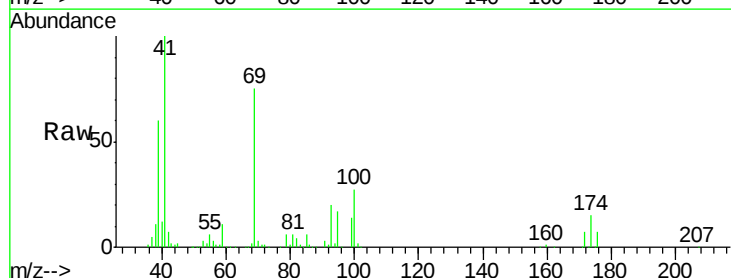
Tgt Ion: 41 Resp: 67092

Ion Ratio Lower Upper

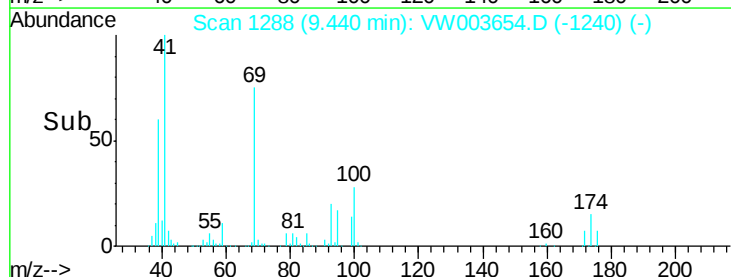
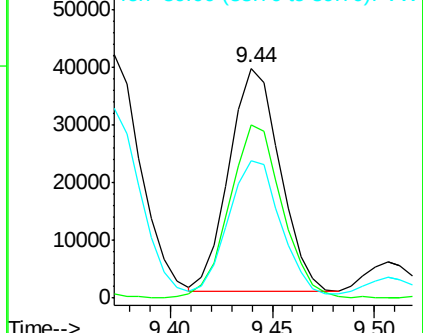
41 100

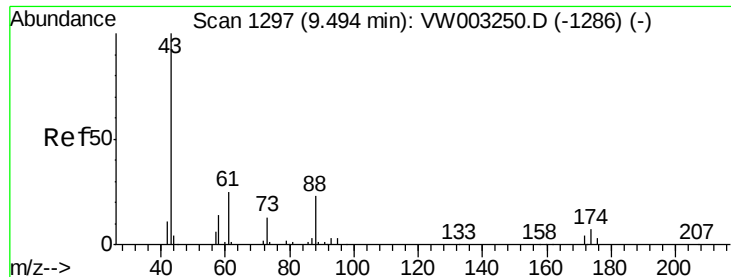
69 79.7 65.4 98.2

39 64.1 54.2 81.2



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

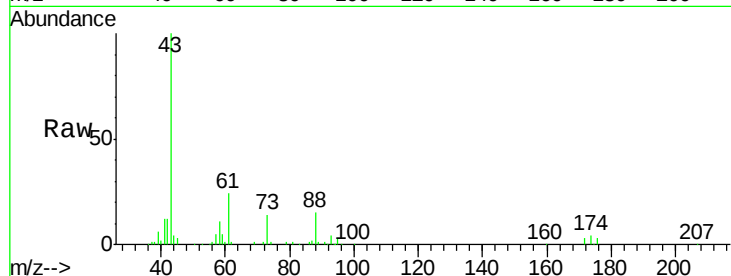




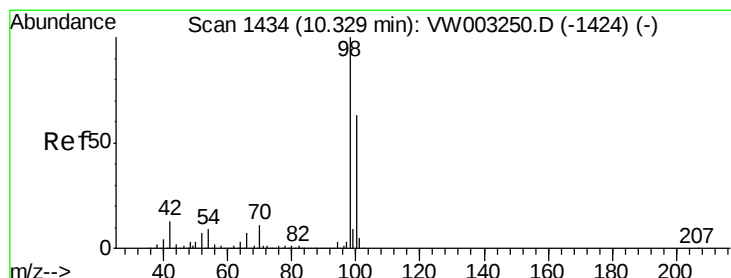
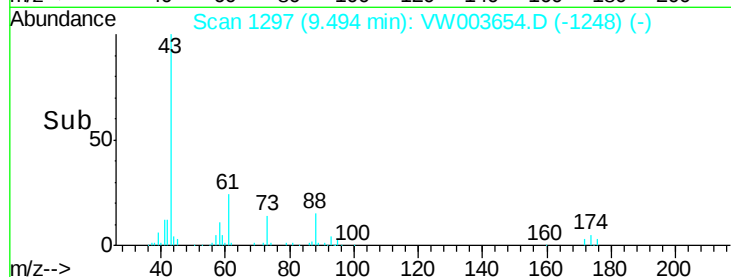
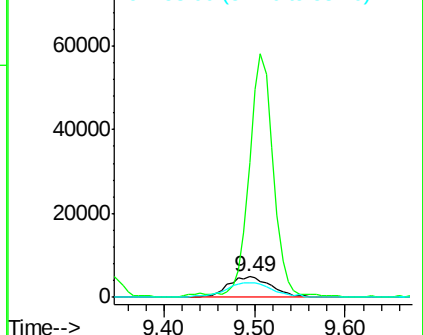
#49
1,4-Dioxane
Concen: 911.995 ug/l
RT: 9.49 min Scan# 1297
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 88 Resp: 16524
Ion Ratio Lower Upper
88 100
43 641.9 454.7 682.1
58 76.6 58.6 88.0

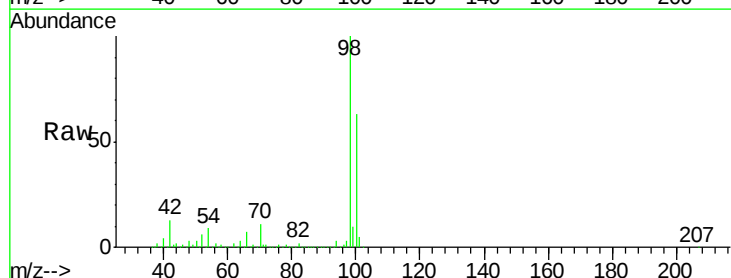


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

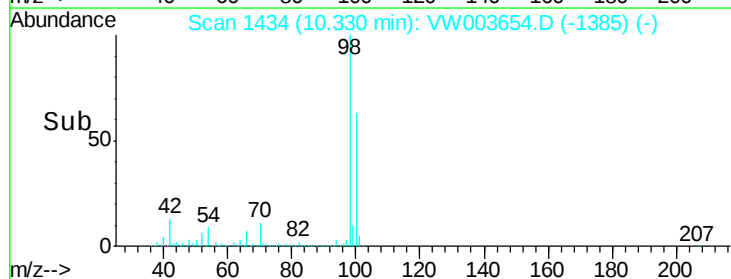
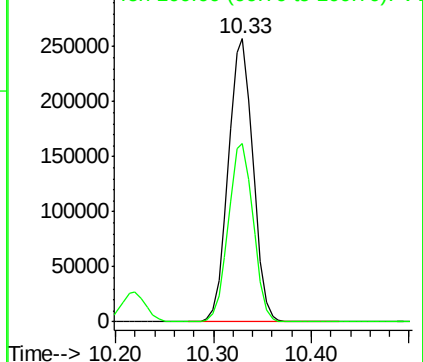


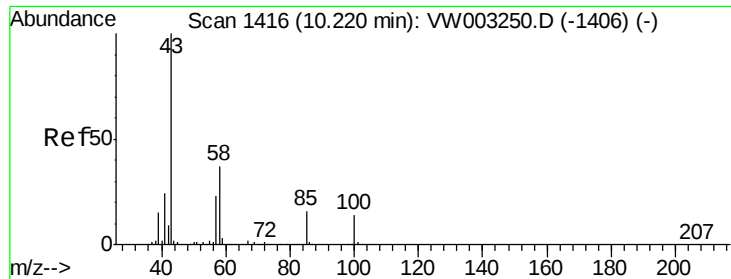
#50
Toluene-d8
Concen: 52.762 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Tgt Ion: 98 Resp: 449551
Ion Ratio Lower Upper
98 100
100 63.8 50.8 76.2



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





#51

4-Methyl-2-Pentanone

Concen: 260.842 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.01 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Instrument :

MSVOA_W

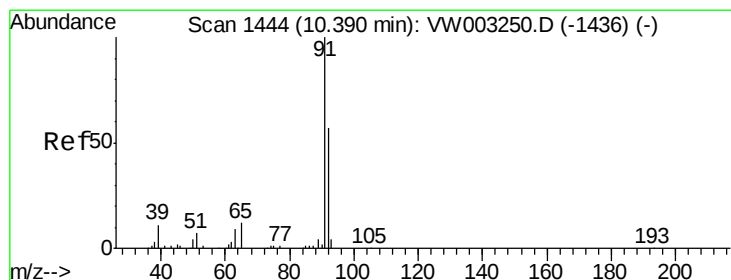
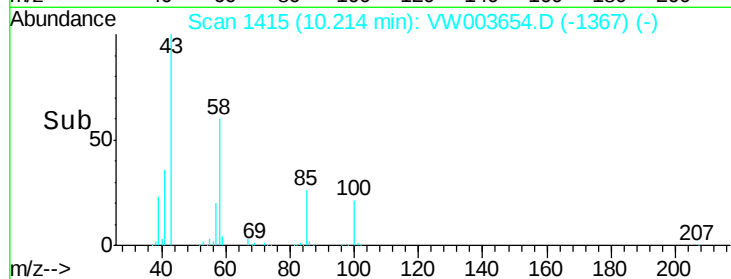
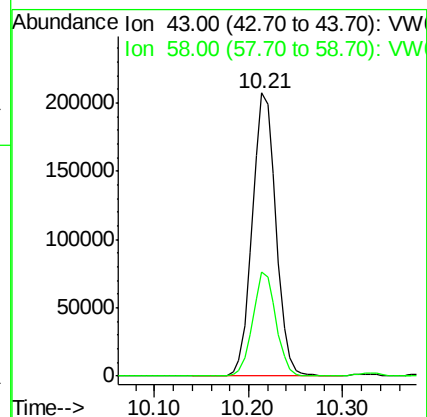
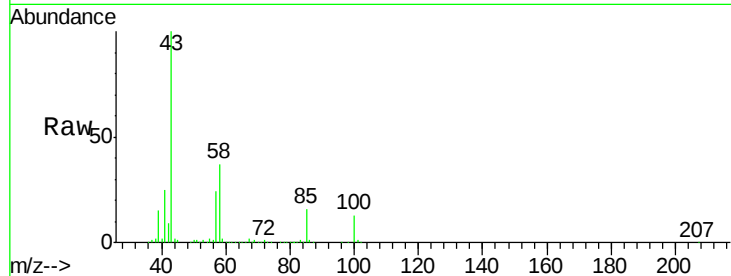
ClientSampled :

Tot Ion: 43 Resp: 365134

Ion Ratio Lower Upper

43 100

58 36.1 29.0 43.4



#52

Toluene

Concen: 52.322 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003654.D

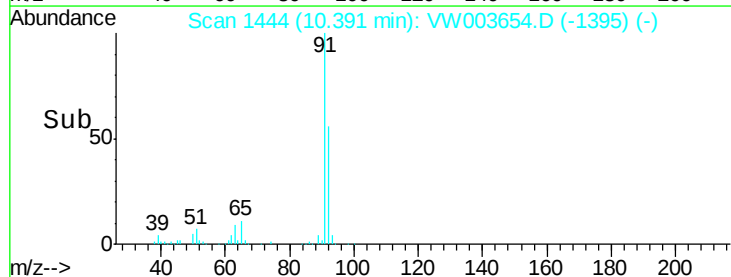
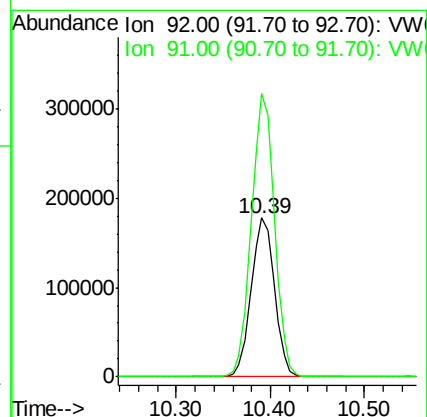
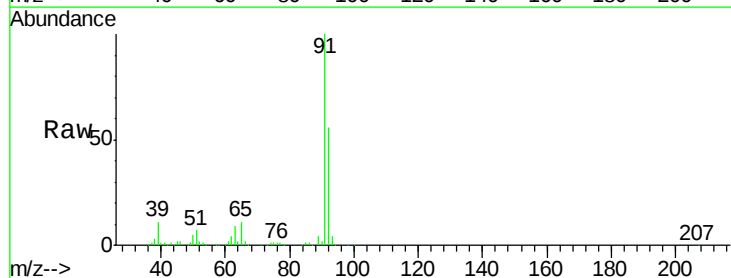
Acq: 29 Jun 2018 12:08

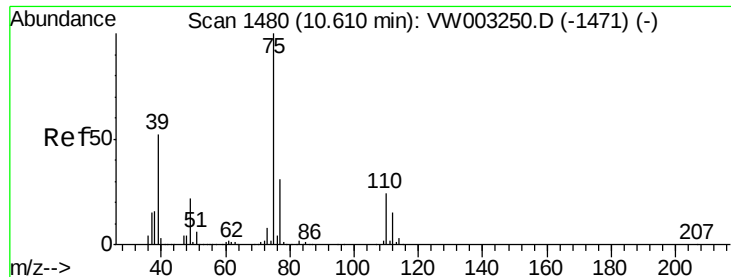
Tgt Ion: 92 Resp: 308861

Ion Ratio Lower Upper

92 100

91 176.7 141.1 211.7

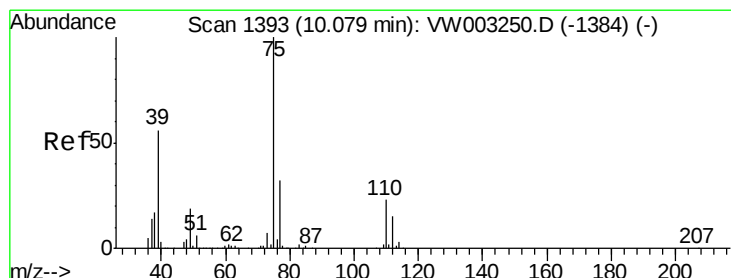
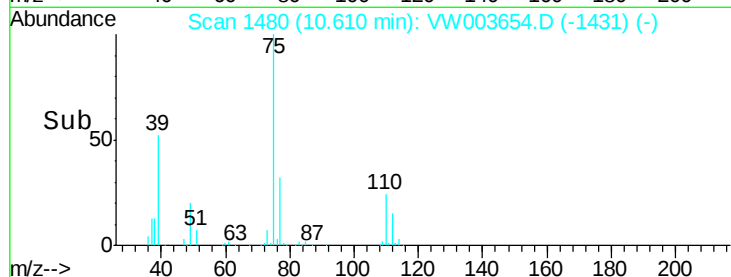
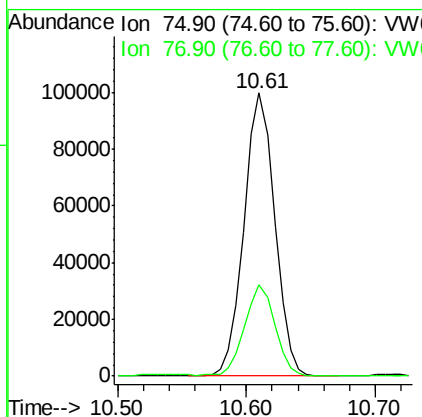
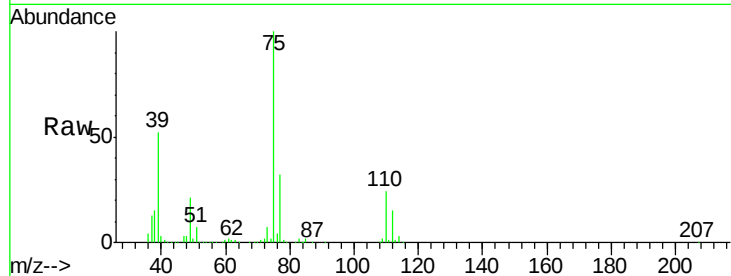




#53
t-1,3-Dichloropropene
Concen: 52.317 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

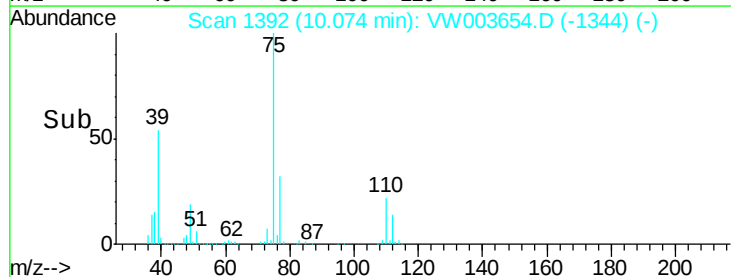
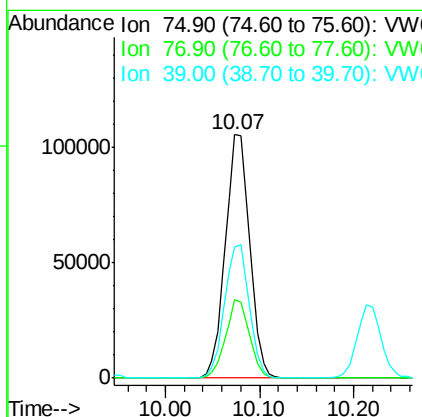
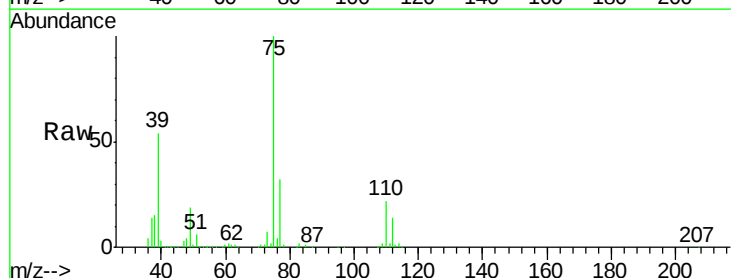
Instrument :
MSVOA_W
ClientSampled :

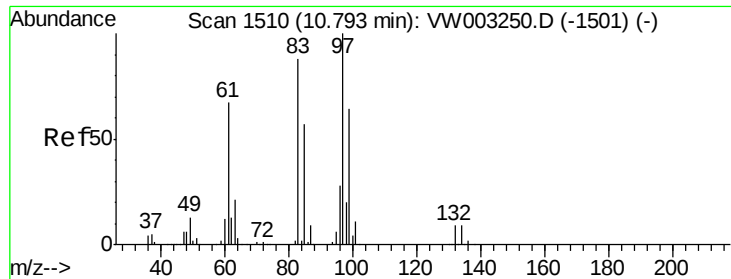
Tot Ion: 75 Resp: 164385
Ion Ratio Lower Upper
75 100
77 32.0 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 53.046 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.01 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Tgt Ion: 75 Resp: 189702
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.6
39 53.6 45.2 67.8

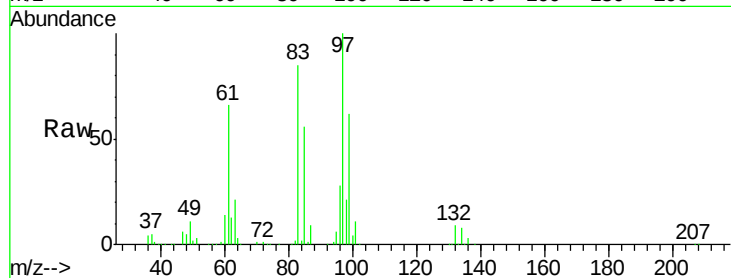




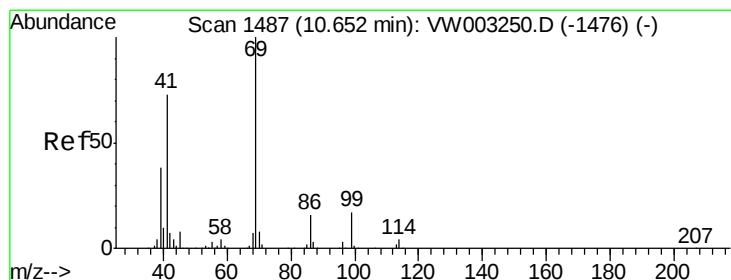
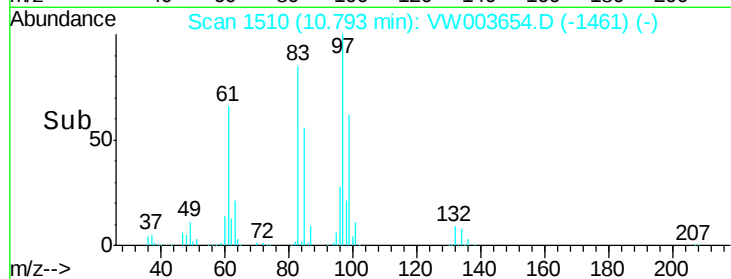
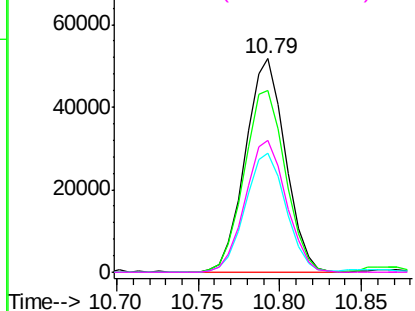
#55
 1,1,2-Trichloroethane
 Concen: 52.287 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003654.D
 Acq: 29 Jun 2018 12:08

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	97	Resp:	88415
Ion	Ratio	Lower	Upper
97	100		
83	85.0	70.2	105.2
85	55.8	45.6	68.4
99	61.9	51.2	76.8

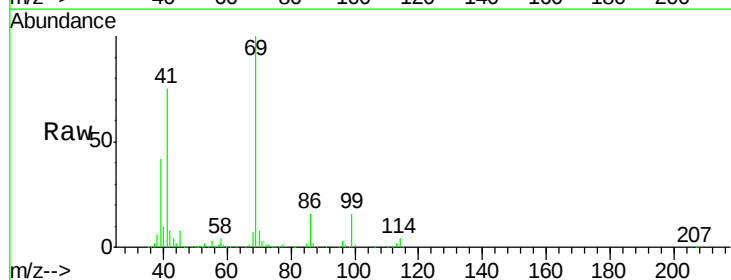


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

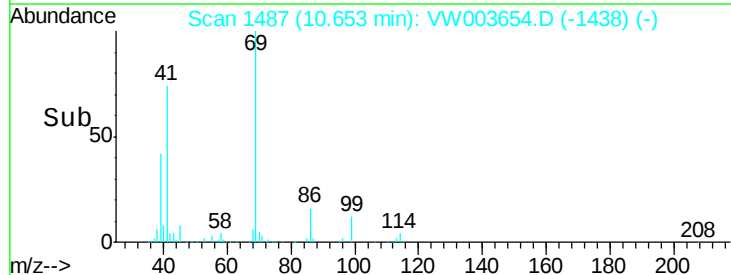
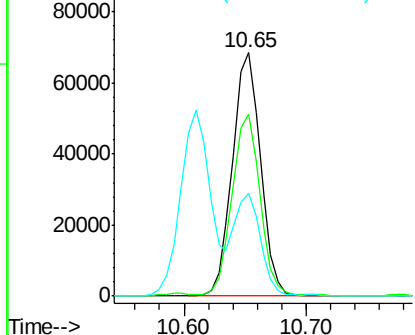


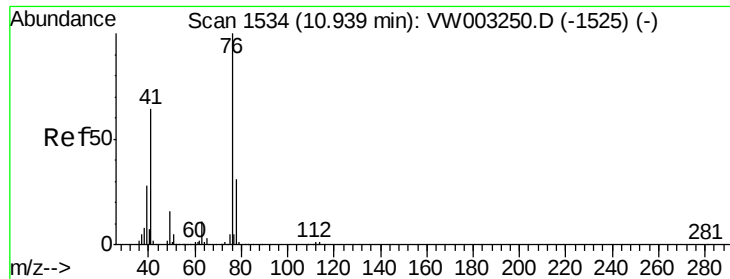
#56
 Ethyl methacrylate
 Concen: 53.039 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003654.D
 Acq: 29 Jun 2018 12:08

Tgt Ion:	69	Resp:	108909
Ion	Ratio	Lower	Upper
69	100		
41	74.5	57.8	86.6
39	38.3	32.7	49.1



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

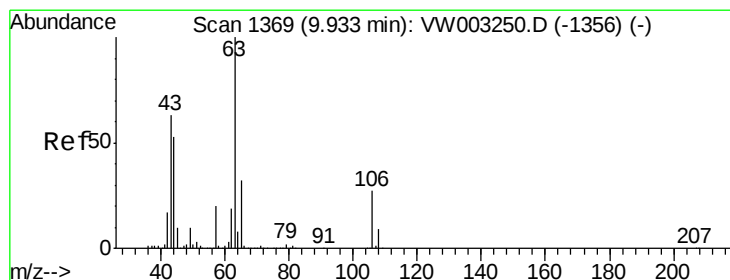
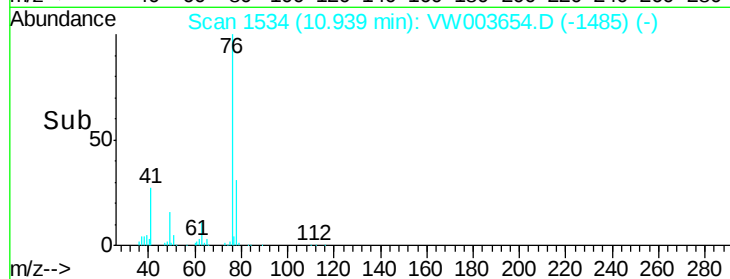
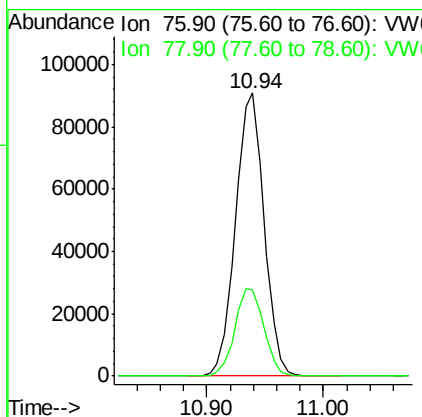
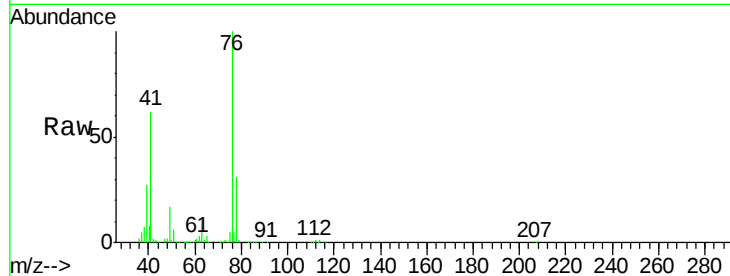




#57
 1,3-Dichloropropane
 Concen: 53.255 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003654.D
 Acq: 29 Jun 2018 12:08

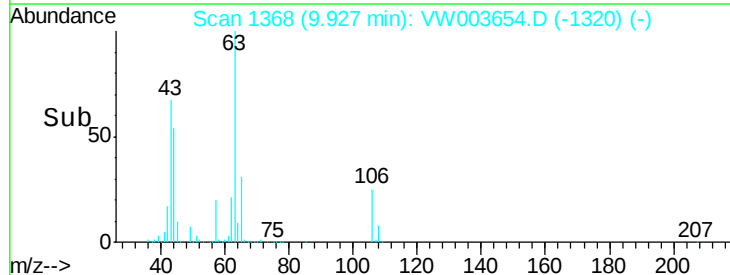
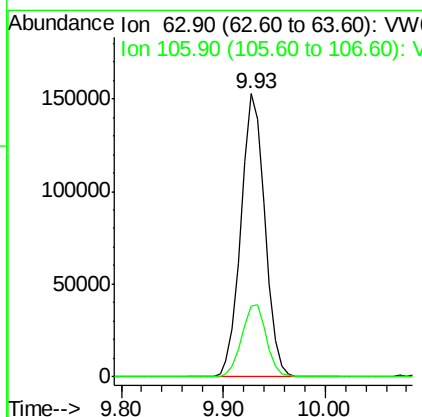
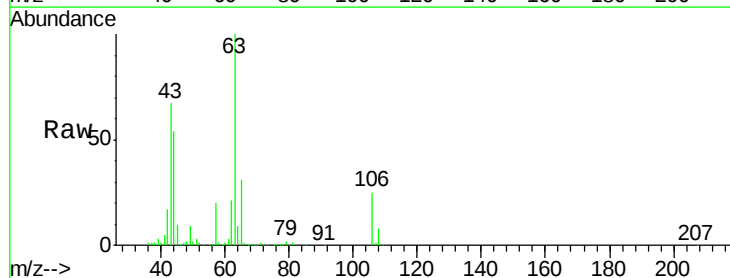
Instrument :
 MSVOA_W
 ClientSampled :

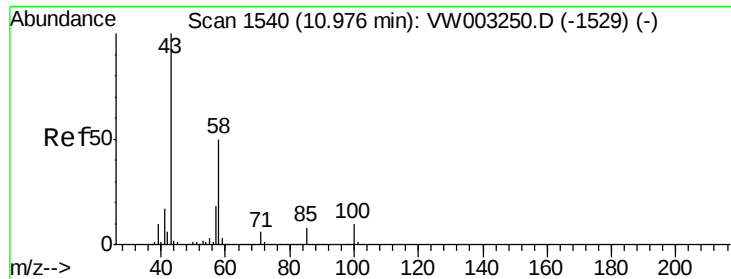
Tot Ion: 76 Resp: 155314
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 269.225 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW003654.D
 Acq: 29 Jun 2018 12:08

Tgt Ion: 63 Resp: 247818
 Ion Ratio Lower Upper
 63 100
 106 26.3 21.8 32.8

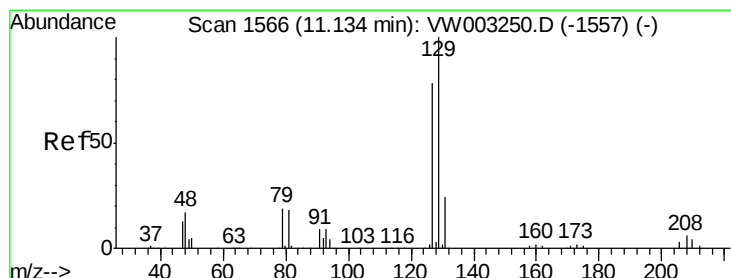
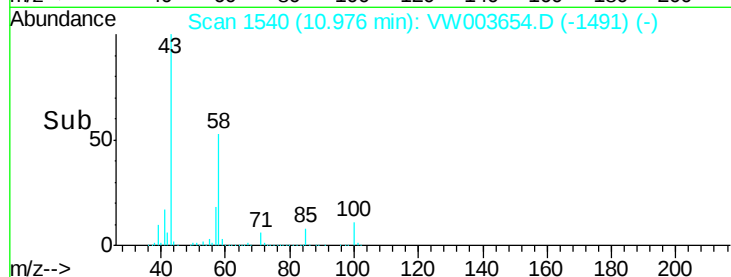
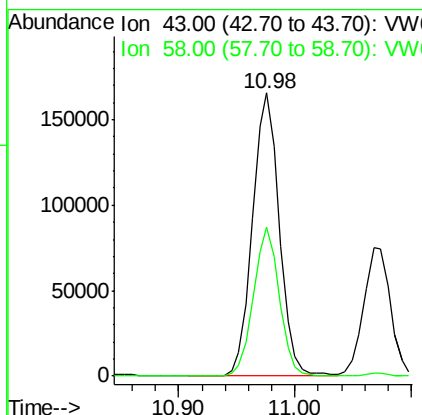
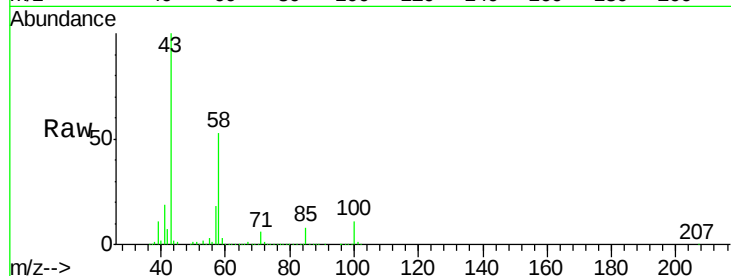




#59
2-Hexanone
Concen: 273.110 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

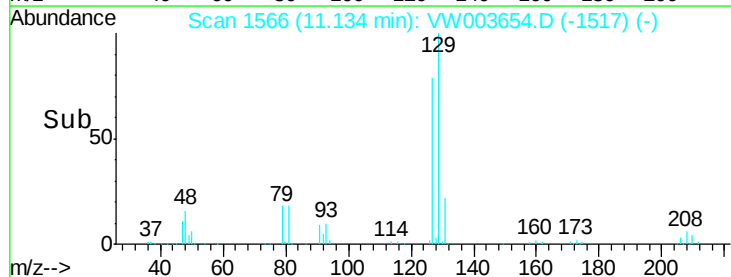
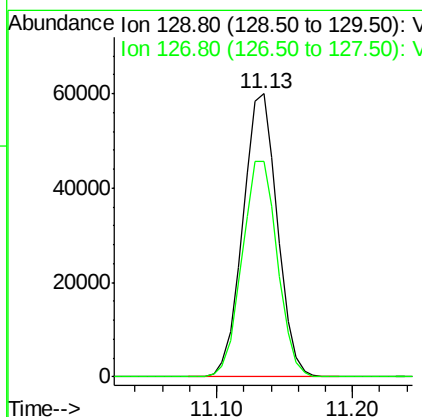
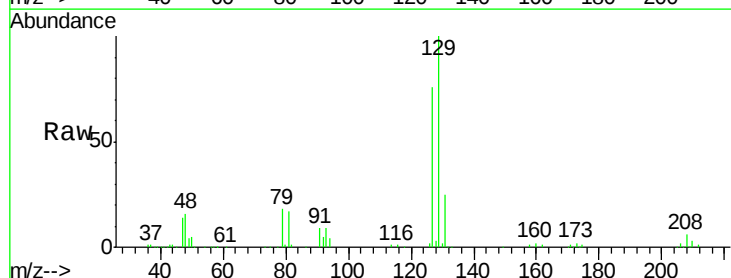
Instrument :
MSVOA_W
ClientSampleId :

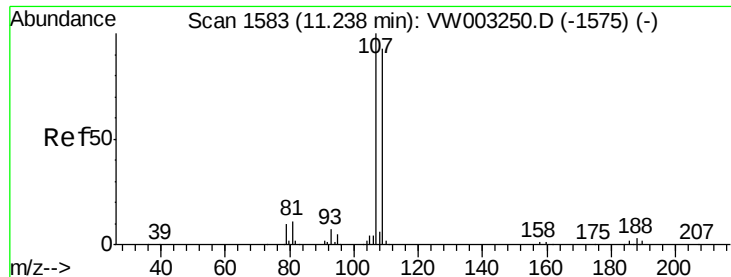
Tot Ion: 43 Resp: 267075
Ion Ratio Lower Upper
43 100
58 50.6 25.0 75.0



#60
Dibromochloromethane
Concen: 52.927 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Tgt Ion:129 Resp: 106432
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.5

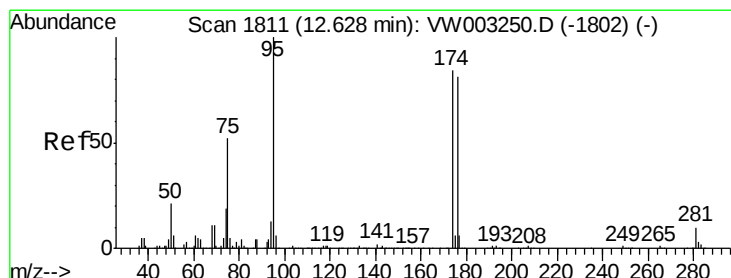
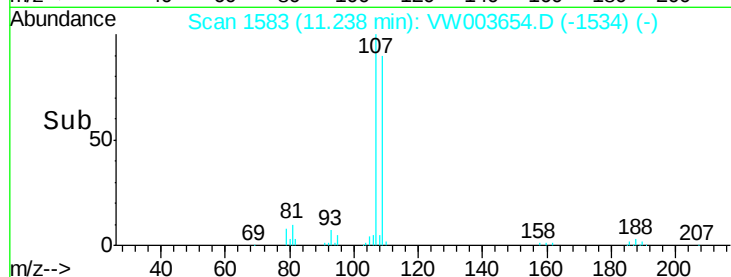
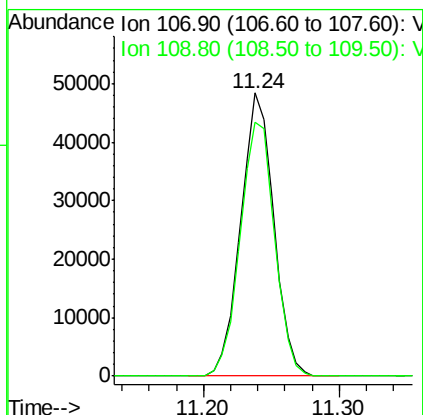
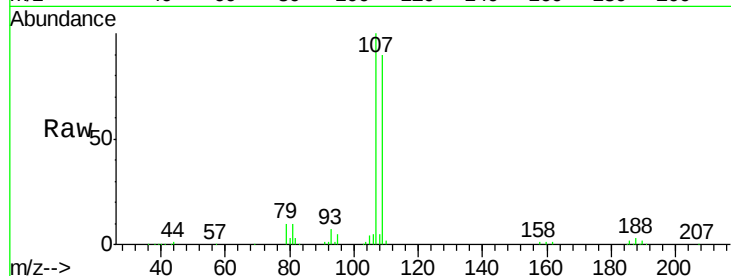




#61
 1,2-Dibromoethane
 Concen: 51.510 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003654.D
 Acq: 29 Jun 2018 12:08

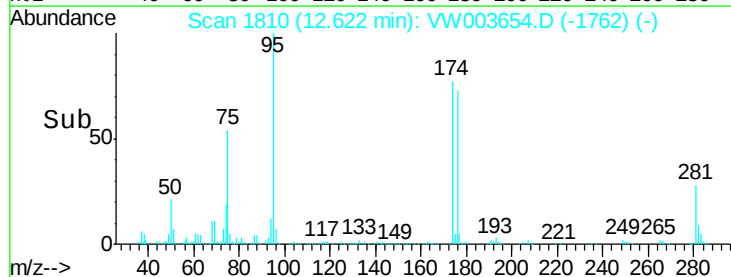
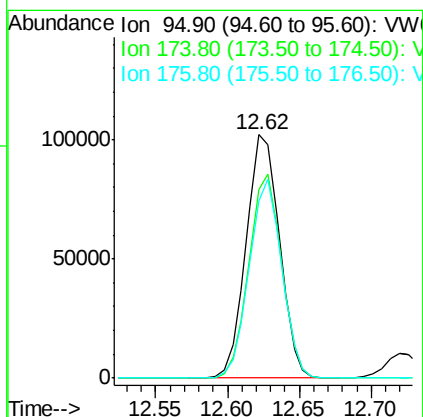
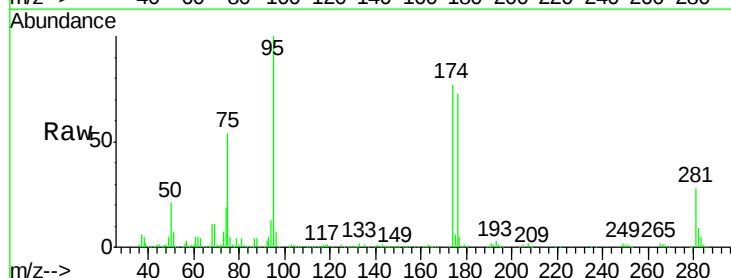
Instrument :
 MSVOA_W
 ClientSampled :

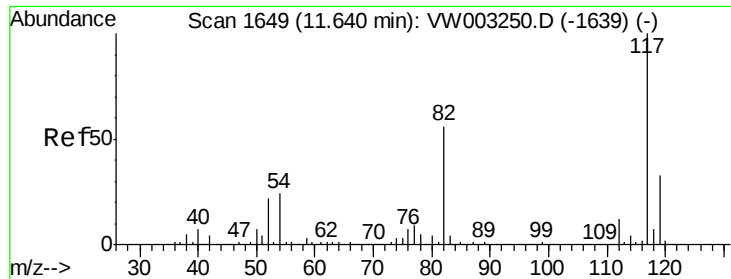
Tot Ion: 107 Resp: 82390
 Ion Ratio Lower Upper
 107 100
 109 93.4 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 54.279 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: VW003654.D
 Acq: 29 Jun 2018 12:08

Tgt Ion: 95 Resp: 163665
 Ion Ratio Lower Upper
 95 100
 174 82.1 0.0 166.4
 176 79.4 0.0 162.0

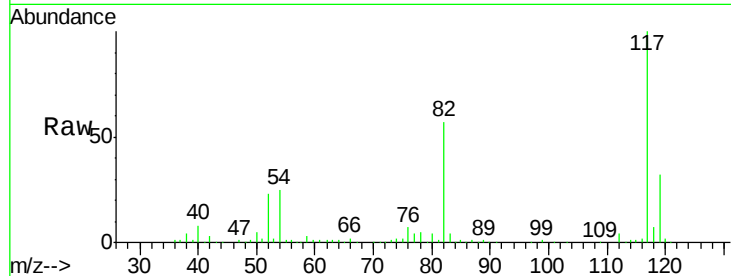




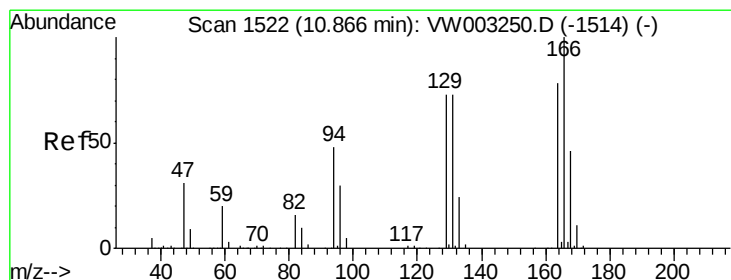
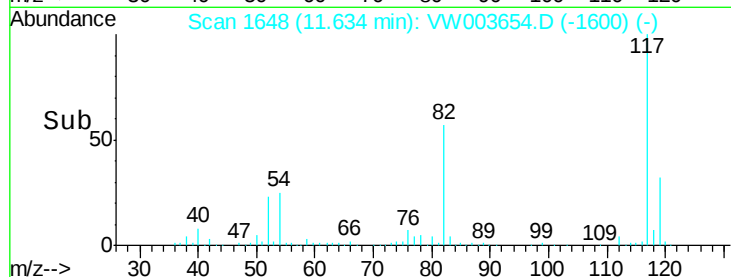
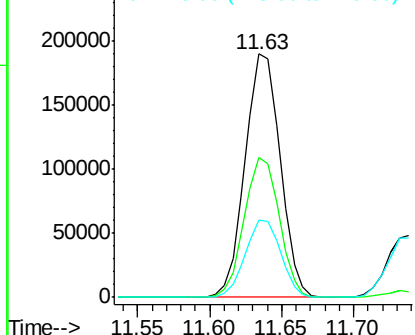
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 321630
Ion Ratio Lower Upper
117 100
82 57.4 44.6 67.0
119 31.5 26.7 40.1

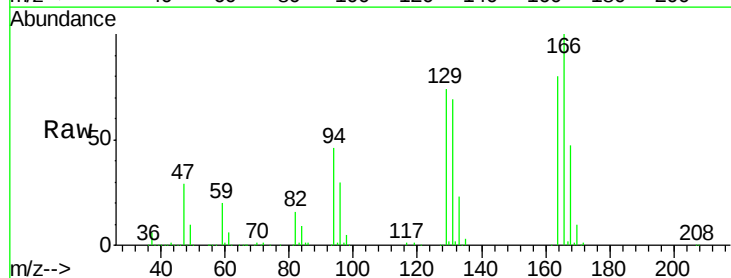


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

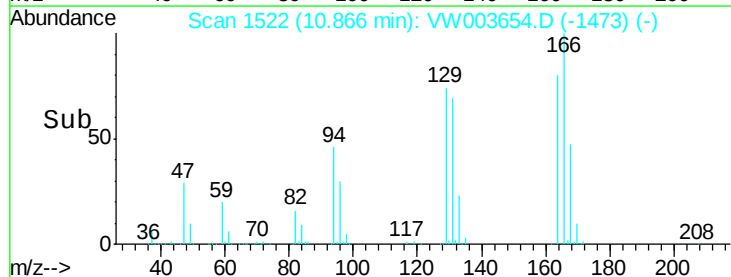
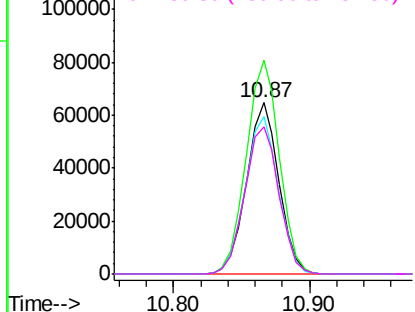


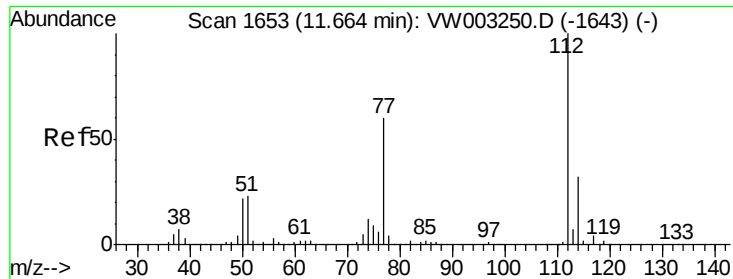
#64
Tetrachloroethene
Concen: 50.005 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Tgt Ion:164 Resp: 107573
Ion Ratio Lower Upper
164 100
166 124.8 102.6 154.0
129 92.3 75.2 112.8
131 86.3 75.0 112.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

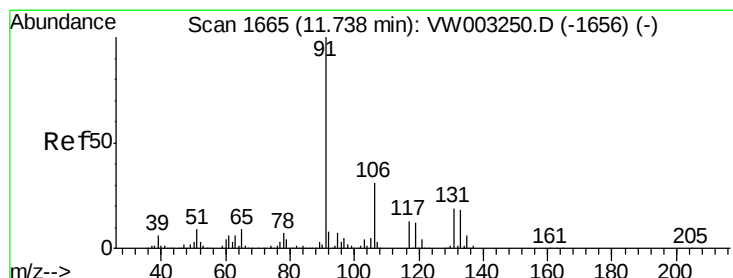
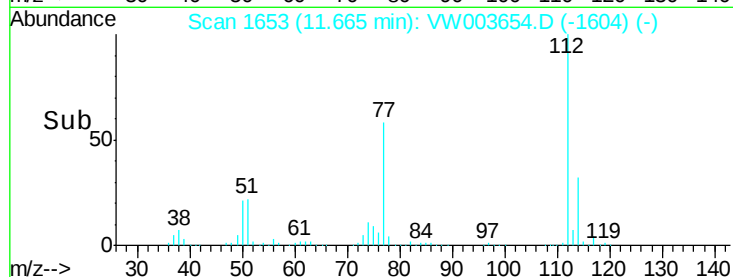
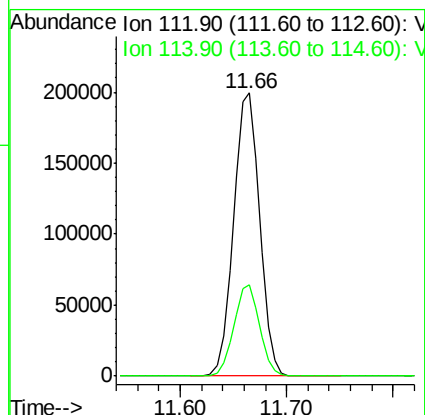
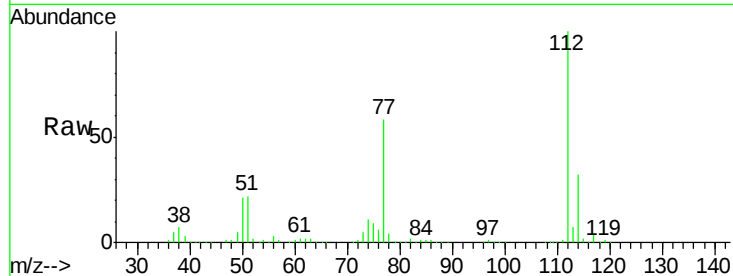




#65
Chlorobenzene
Concen: 51.032 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

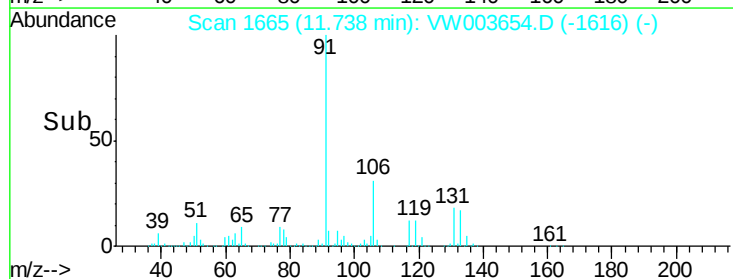
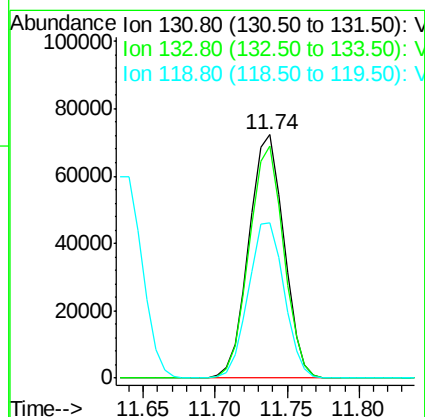
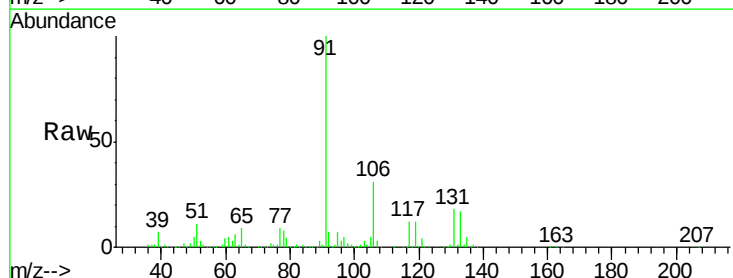
Instrument :
MSVOA_W
ClientSampled :

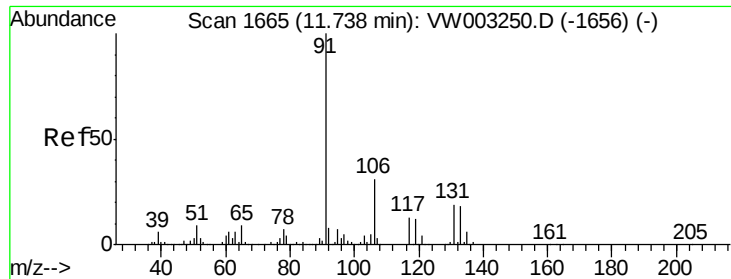
Tot Ion:112 Resp: 341793
Ion Ratio Lower Upper
112 100
114 32.5 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 51.798 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Tgt Ion:131 Resp: 121917
Ion Ratio Lower Upper
131 100
133 94.0 47.3 142.0
119 65.2 32.5 97.4

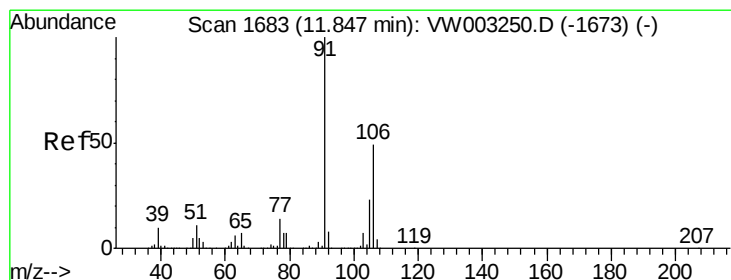
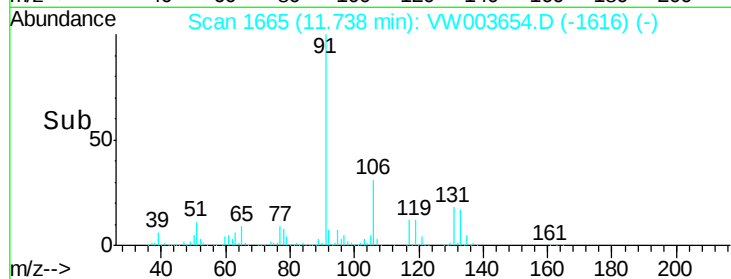
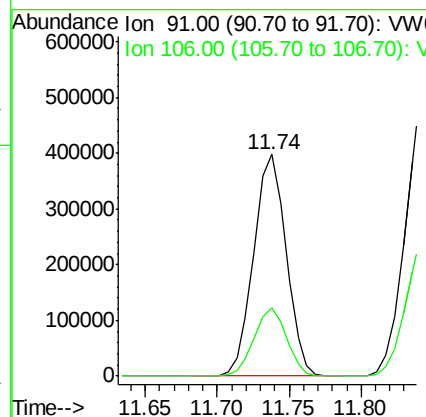
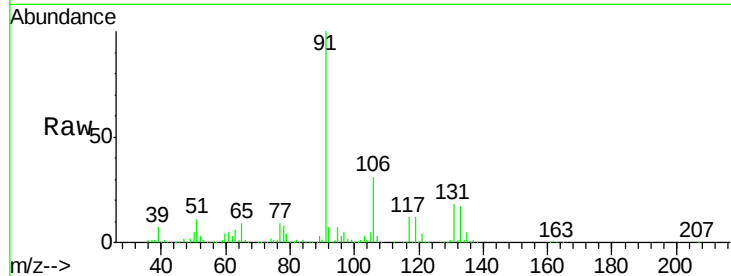




#67
Ethyl Benzene
Concen: 52.315 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

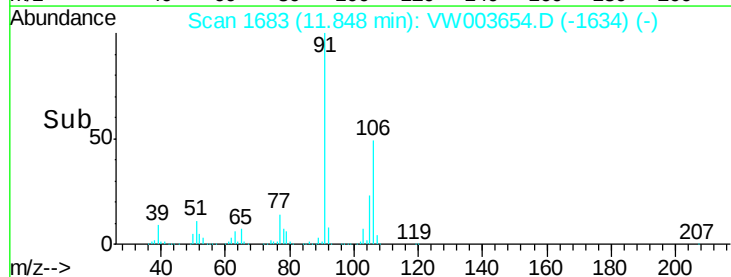
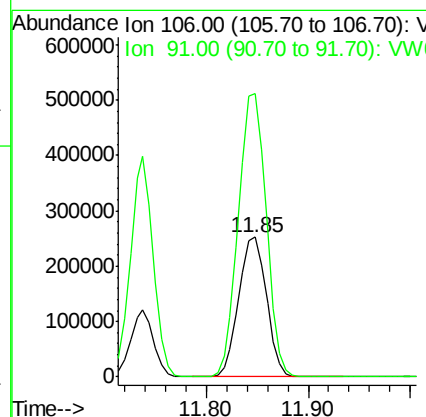
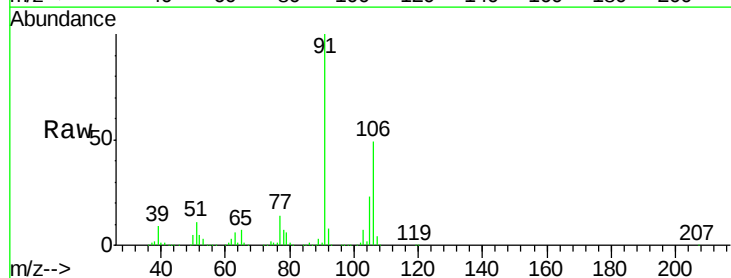
Instrument :
MSVOA_W
ClientSampled :

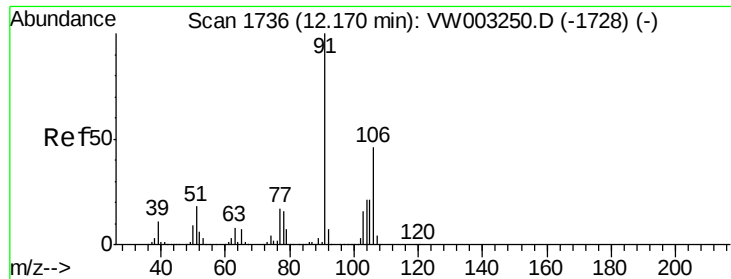
Tot Ion: 91 Resp: 621111
Ion Ratio Lower Upper
91 100
106 30.6 24.7 37.1



#68
m/p-Xylenes
Concen: 105.447 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Tgt Ion: 106 Resp: 475901
Ion Ratio Lower Upper
106 100
91 203.5 165.4 248.0

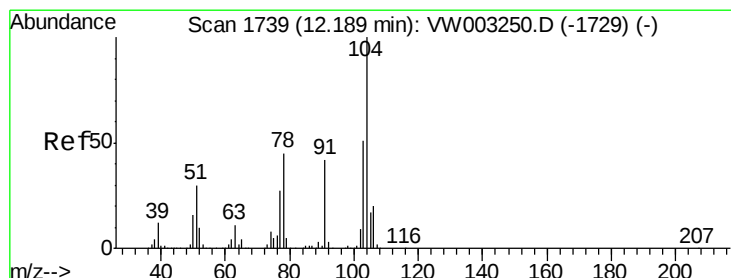
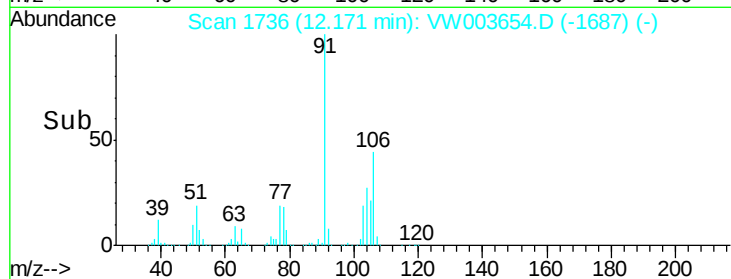
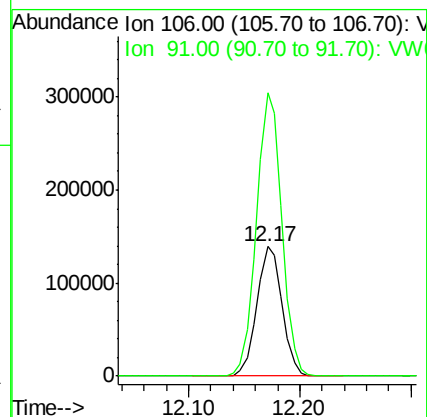
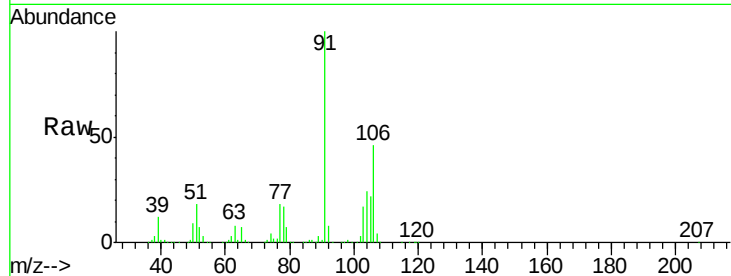




#69
o-Xylene
Concen: 52.496 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

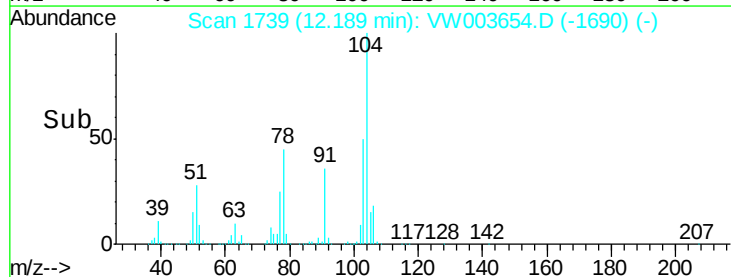
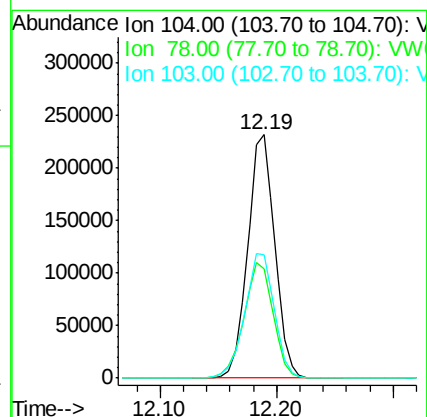
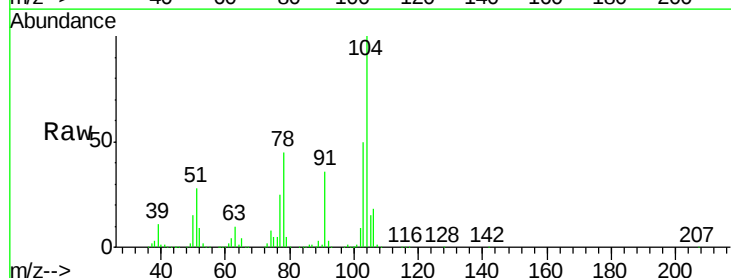
Instrument :
MSVOA_W
ClientSampleId :

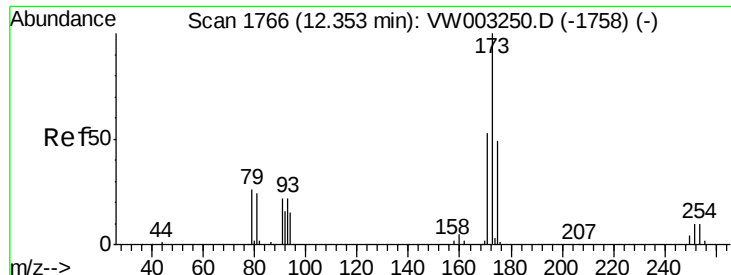
Tot Ion:106 Resp: 219574
Ion Ratio Lower Upper
106 100
91 219.7 108.6 325.6



#70
Styrene
Concen: 54.128 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Tgt Ion:104 Resp: 376840
Ion Ratio Lower Upper
104 100
78 51.1 41.3 61.9
103 55.6 45.0 67.4





#71

Bromoform

Concen: 50.650 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Instrument :

MSVOA_W

ClientSampled :

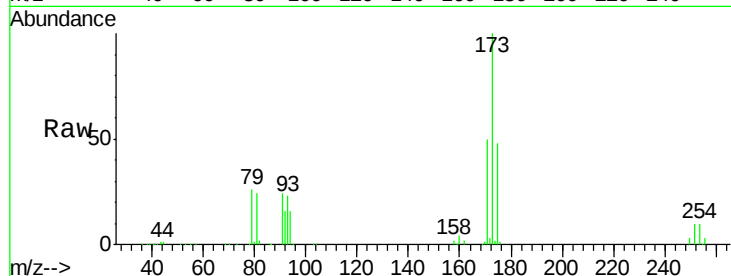
Tot Ion:173 Resp: 61785

Ion Ratio Lower Upper

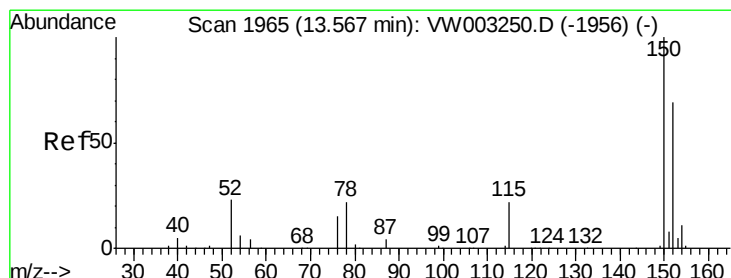
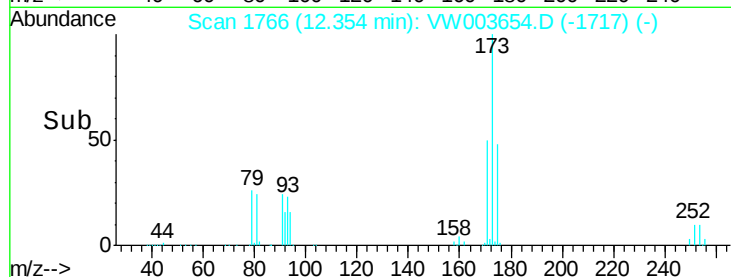
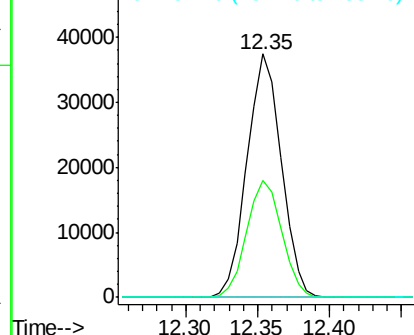
173 100

175 49.0 24.4 73.4

254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

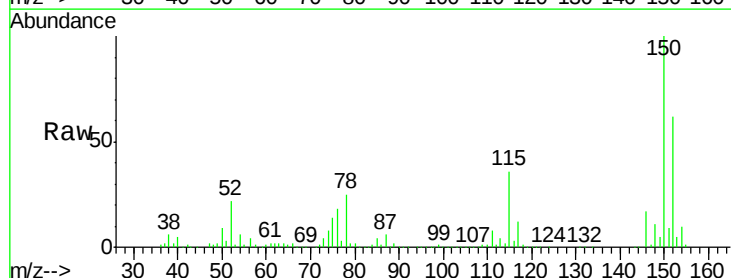
Tgt Ion:152 Resp: 172959

Ion Ratio Lower Upper

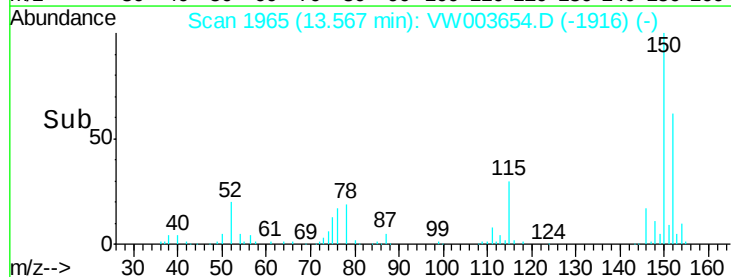
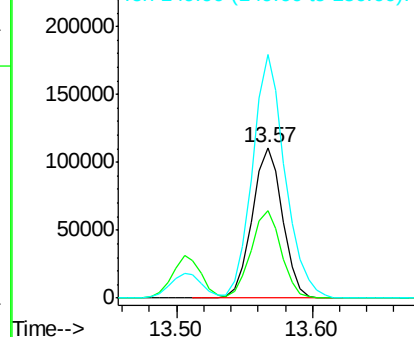
152 100

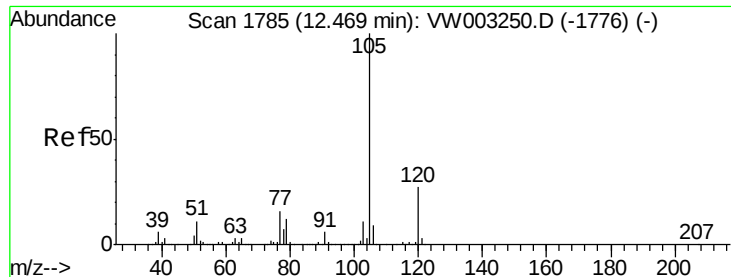
115 57.9 29.3 88.0

150 174.4 0.0 349.6



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: 52.204 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Instrument :

MSVOA_W

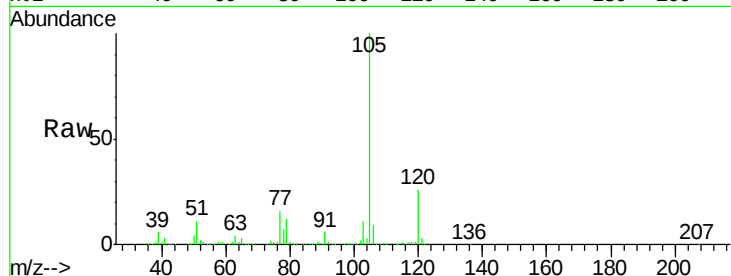
ClientSampled :

Tot Ion:105 Resp: 628013

Ion Ratio Lower Upper

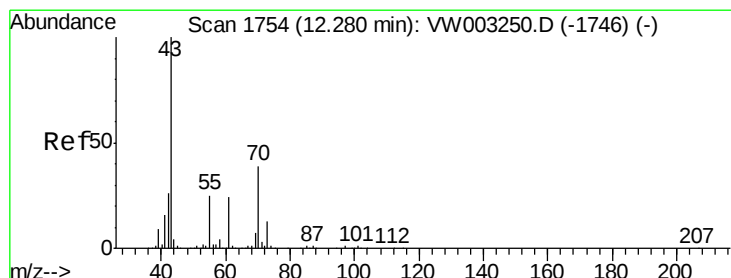
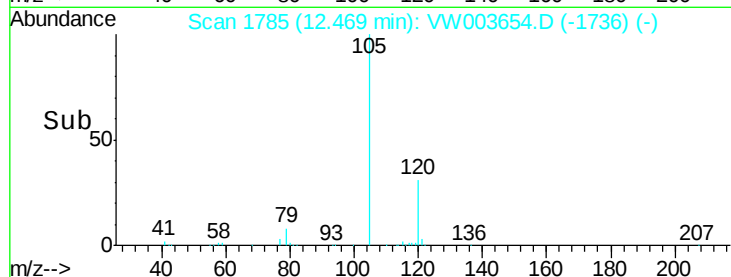
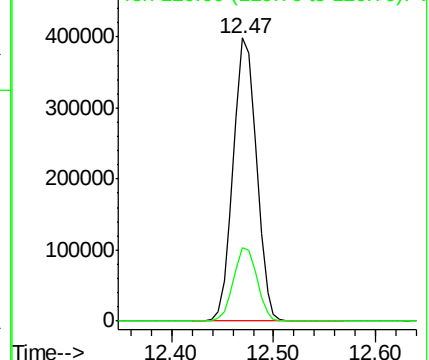
105 100

120 26.3 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-ethyl acetate

Concen: 49.805 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Tgt Ion: 43 Resp: 136376

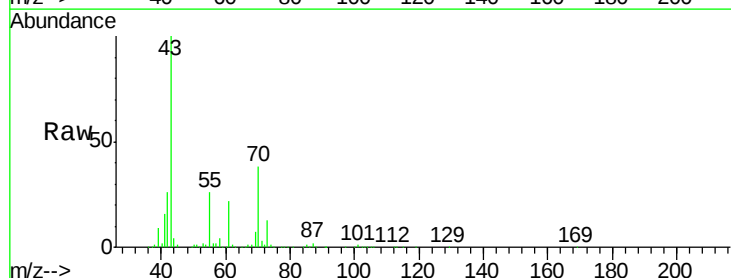
Ion Ratio Lower Upper

43 100

70 38.9 31.0 46.6

55 25.5 19.7 29.5

61 22.1 18.1 27.1

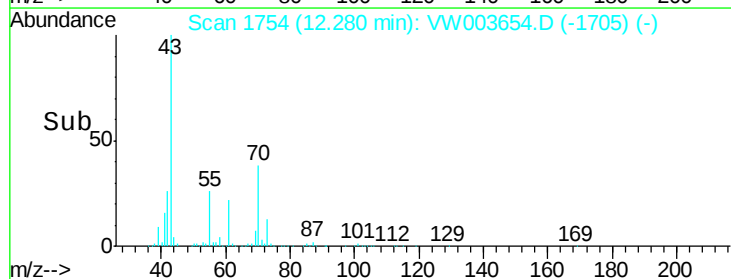
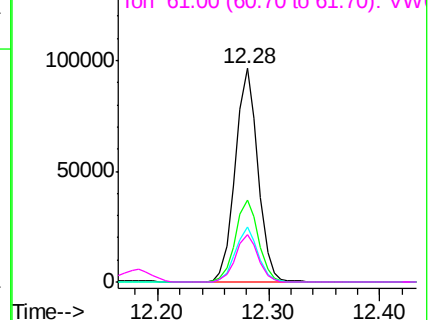


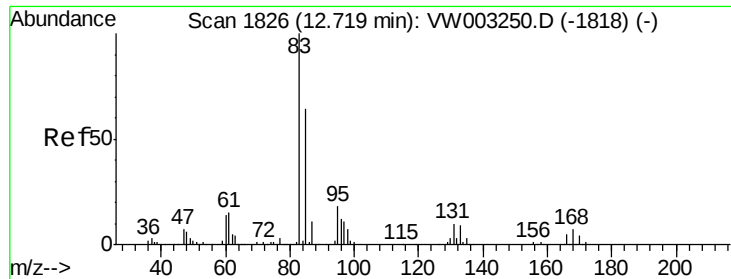
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 50.626 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Instrument :

MSVOA_W

ClientSampled :

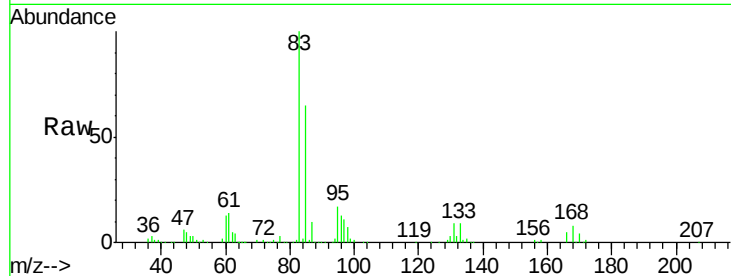
Tot Ion: 83 Resp: 103036

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

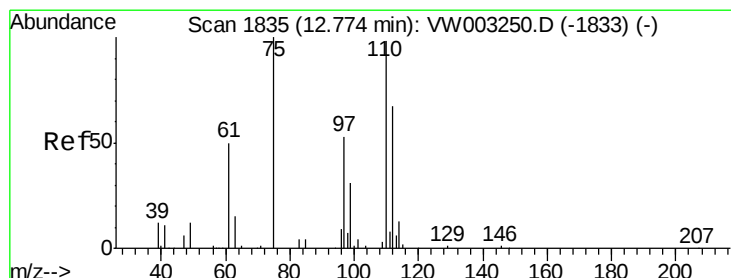
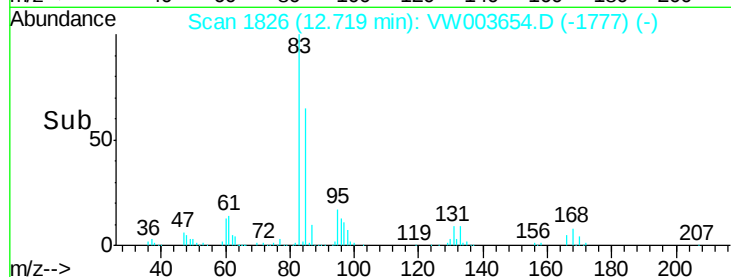
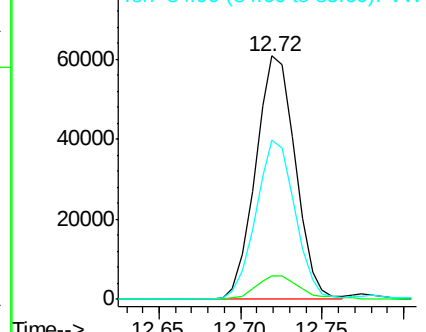
85 64.3 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 95.384 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003654.D

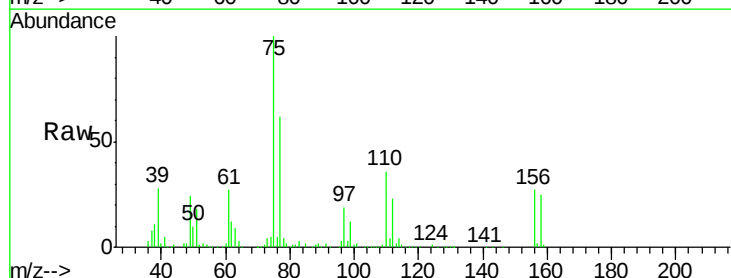
Acq: 29 Jun 2018 12:08

Tgt Ion: 75 Resp: 141035

Ion Ratio Lower Upper

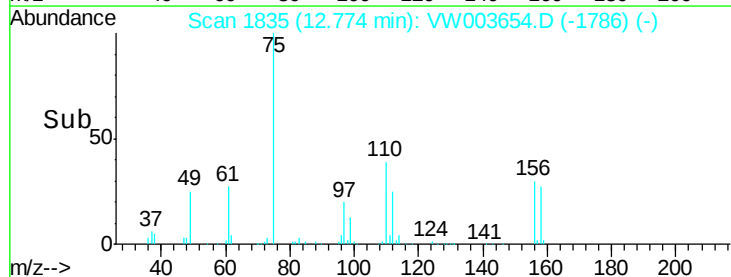
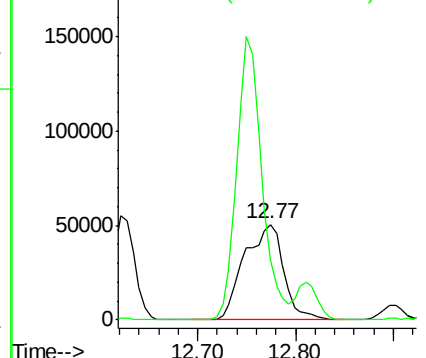
75 100

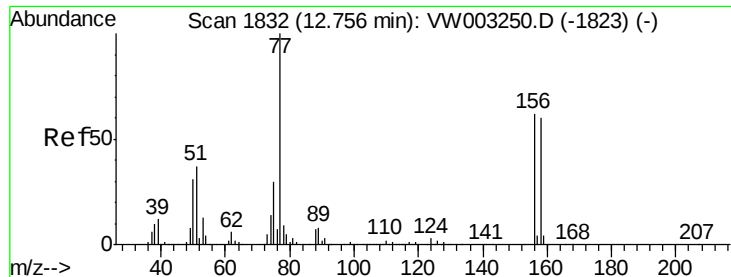
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 50.572 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Instrument :

MSVOA_W

ClientSampled :

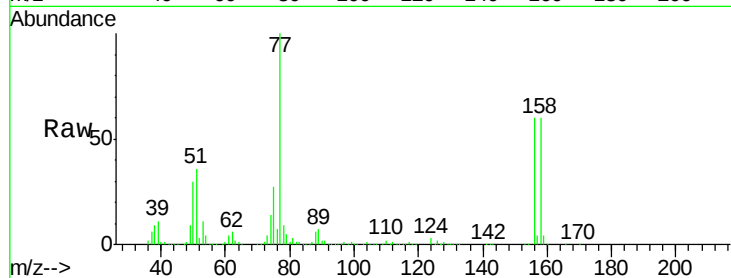
Tot Ion:156 Resp: 141685

Ion Ratio Lower Upper

156 100

77 189.6 92.3 276.9

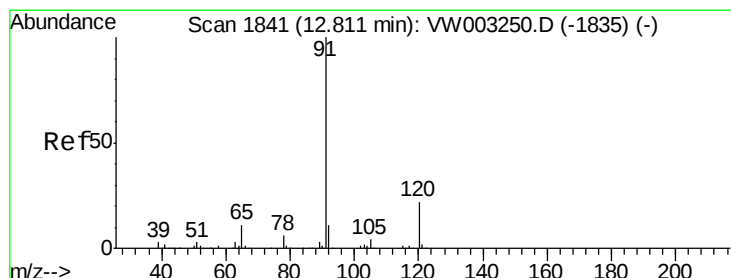
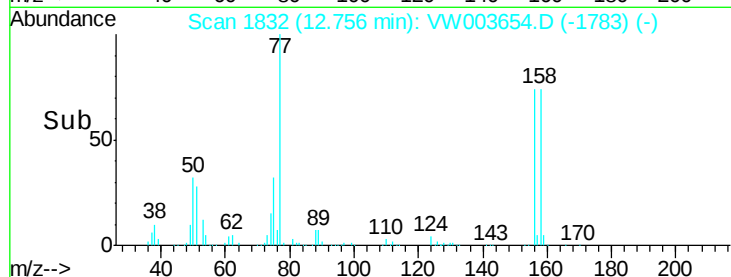
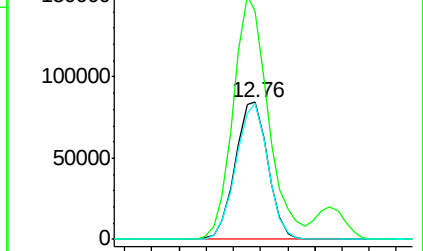
158 96.3 47.5 142.6



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: 52.897 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003654.D

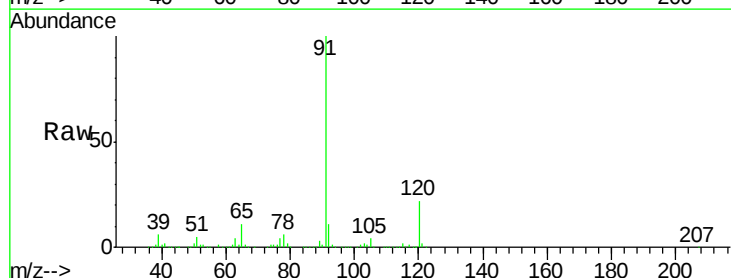
Acq: 29 Jun 2018 12:08

Tgt Ion: 91 Resp: 779207

Ion Ratio Lower Upper

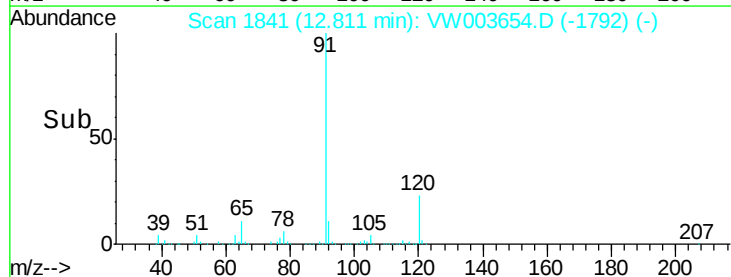
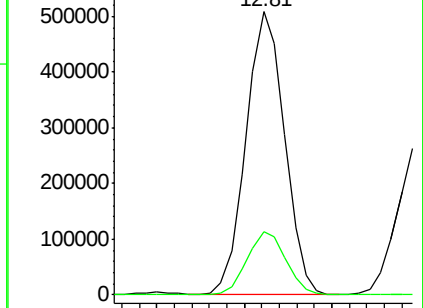
91 100

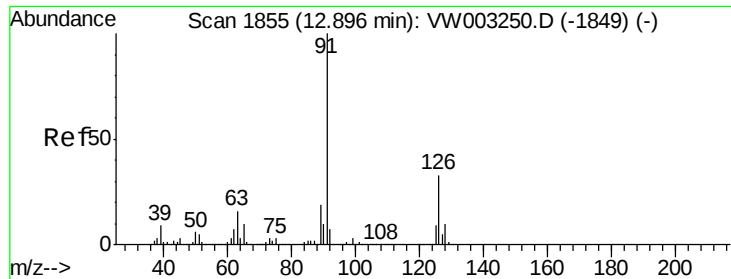
120 22.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.031 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Instrument :

MSVOA_W

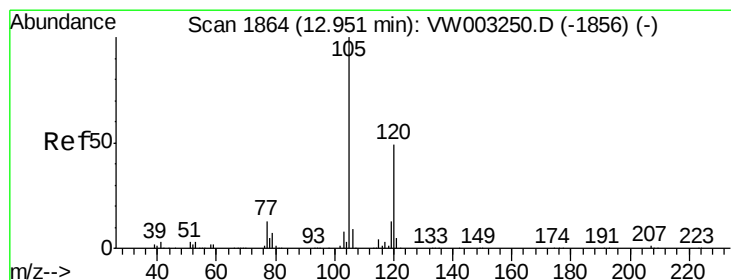
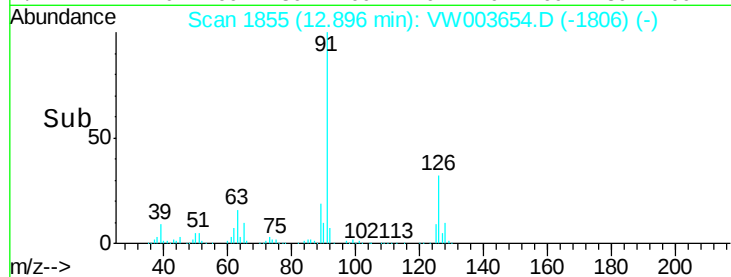
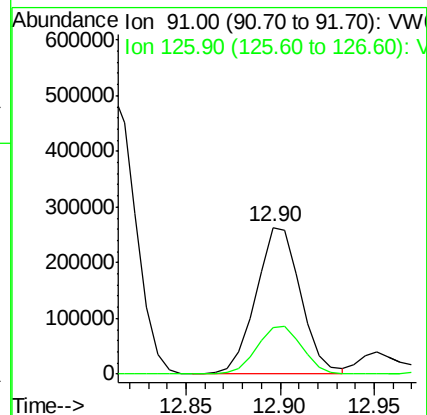
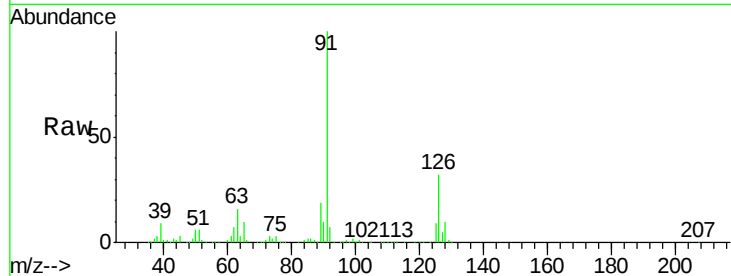
ClientSampled :

Tot Ion: 91 Resp: 433134

Ion Ratio Lower Upper

91 100

126 33.2 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 52.859 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003654.D

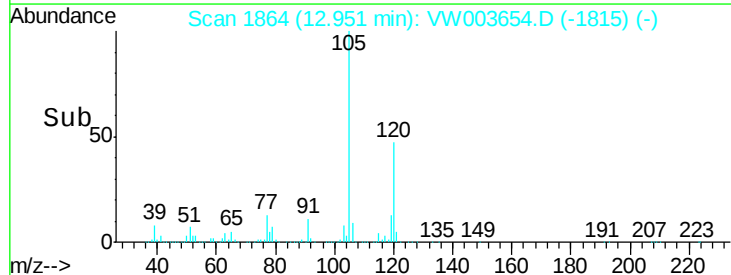
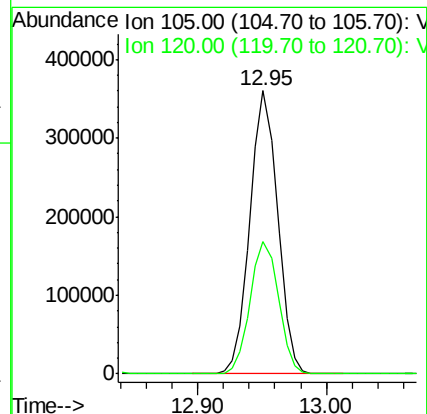
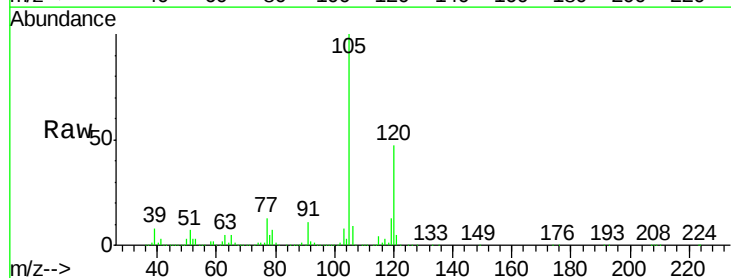
Acq: 29 Jun 2018 12:08

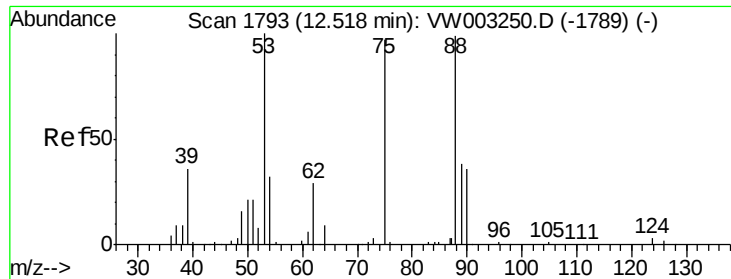
Tgt Ion:105 Resp: 533757

Ion Ratio Lower Upper

105 100

120 48.1 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 48.436 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Instrument :

MSVOA_W

ClientSampled :

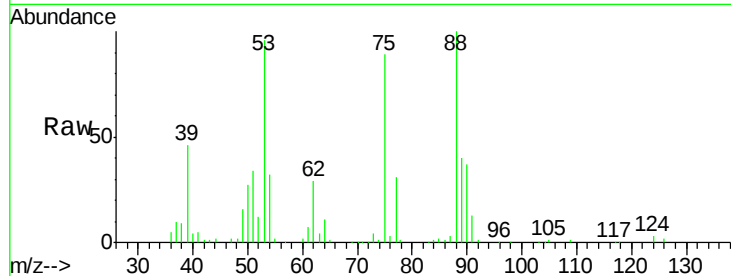
Tot Ion: 75 Resp: 31124

Ion	Ratio	Lower	Upper
75	100		
53	109.8	82.9	124.3
89	46.4	36.7	55.1

75 100

53 109.8 82.9 124.3

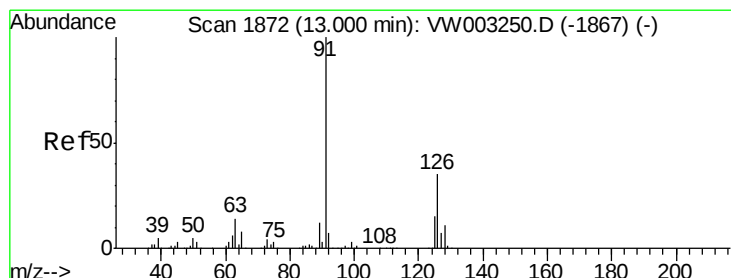
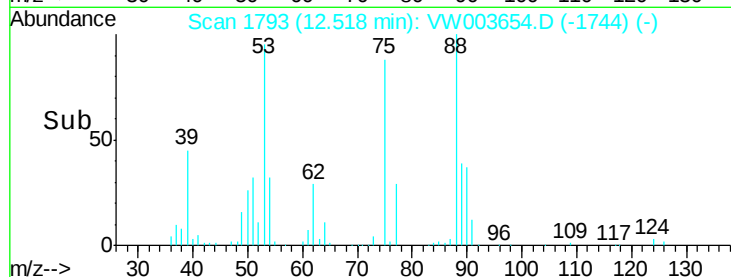
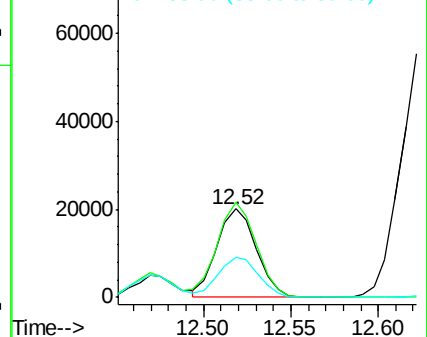
89 46.4 36.7 55.1



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: 51.703 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.01 min

Lab File: VW003654.D

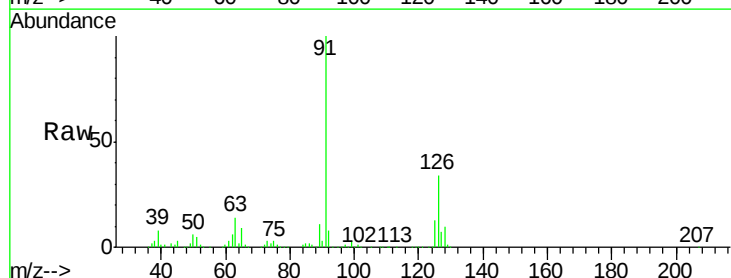
Acq: 29 Jun 2018 12:08

Tgt Ion: 91 Resp: 456583

Ion	Ratio	Lower	Upper
91	100		
126	34.1	16.8	50.3

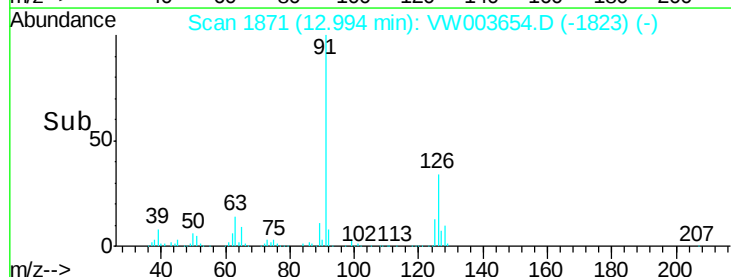
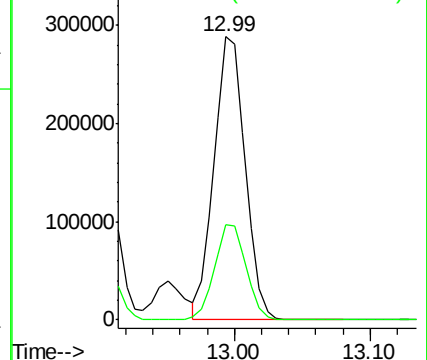
91 100

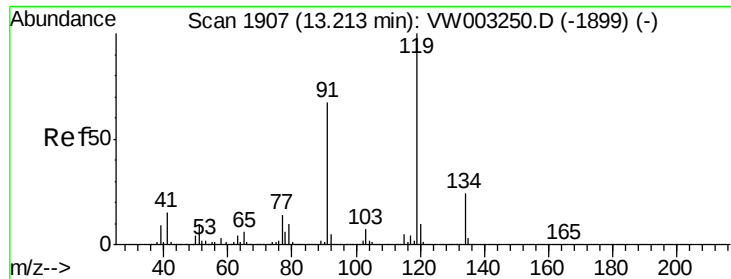
126 34.1 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

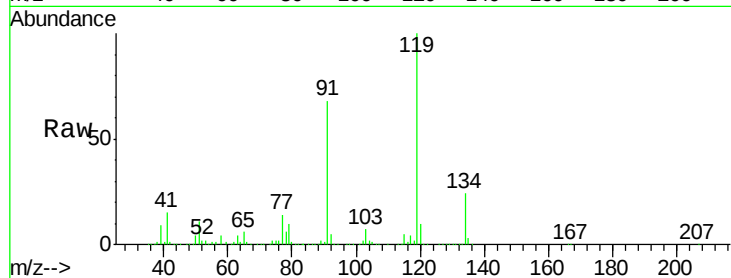




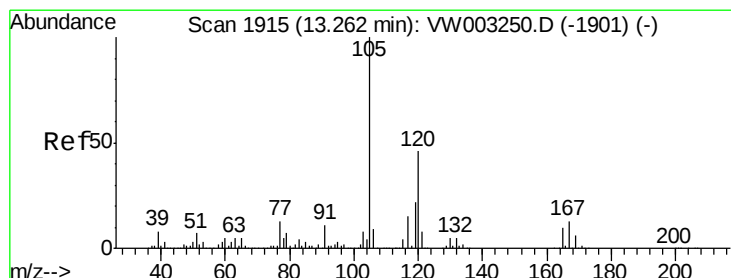
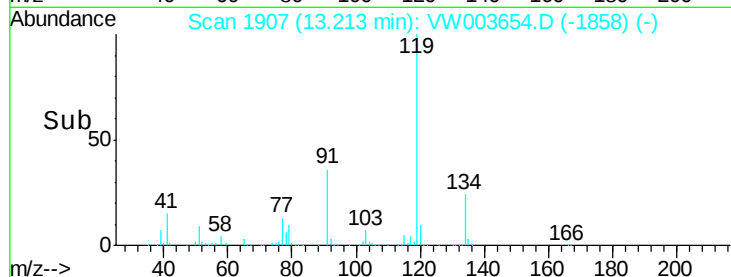
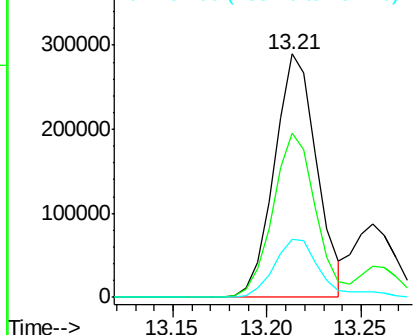
#83
tert-Butylbenzene
Concen: 52.479 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:119 Resp: 451605
Ion Ratio Lower Upper
119 100
91 68.3 33.9 101.7
134 24.7 13.4 40.1

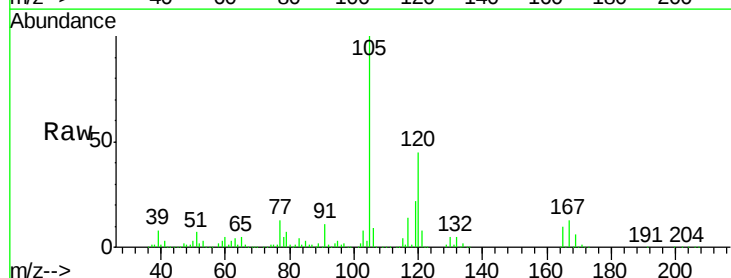


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

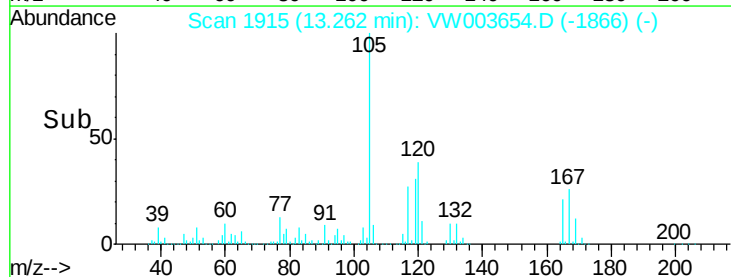
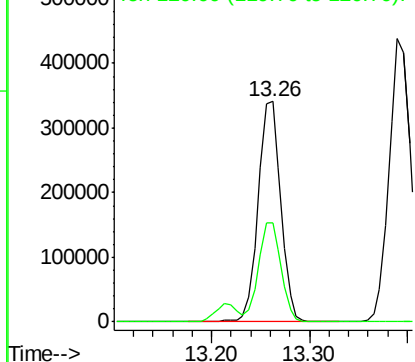


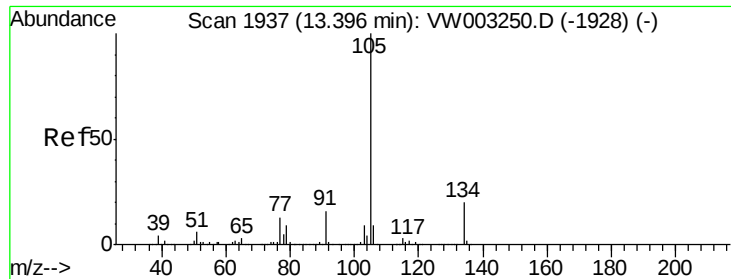
#84
1,2,4-Trimethylbenzene
Concen: 52.660 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Tgt Ion:105 Resp: 546986
Ion Ratio Lower Upper
105 100
120 44.9 22.5 67.5



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

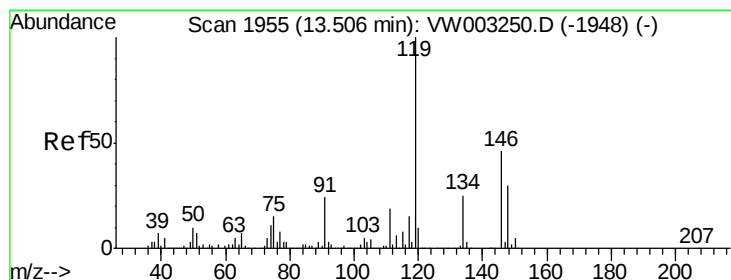
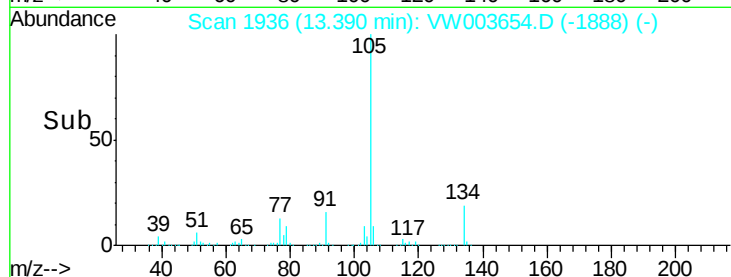
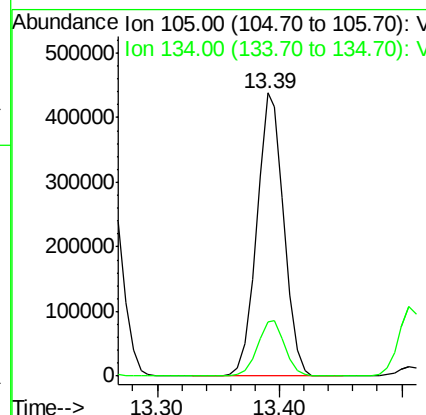
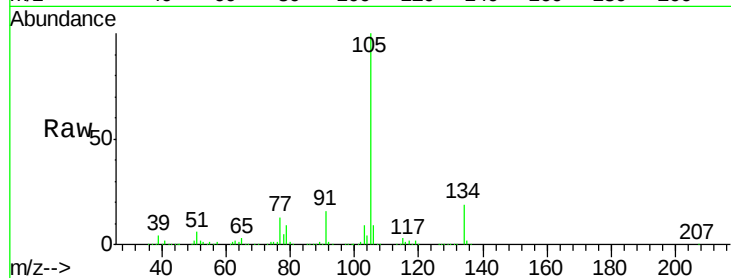




#85
 sec-Butylbenzene
 Concen: 52.385 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003654.D
 Acq: 29 Jun 2018 12:08

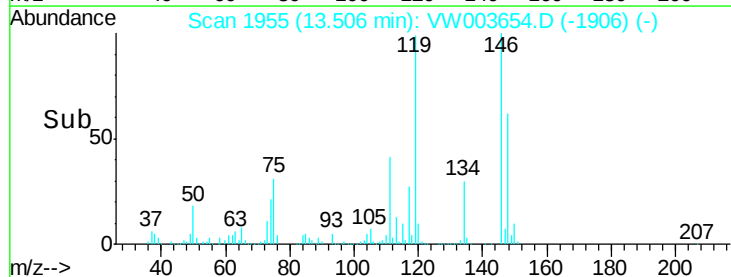
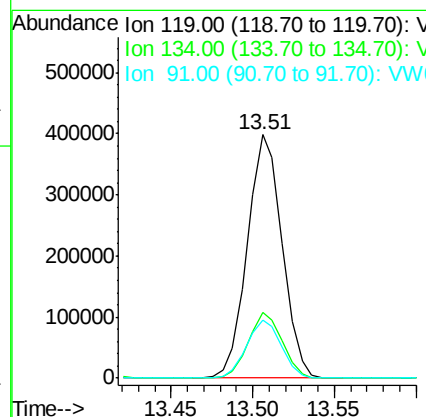
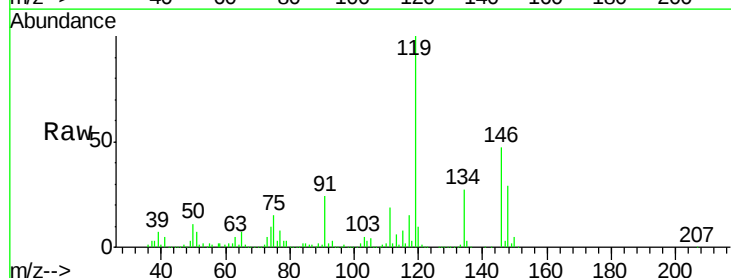
Instrument :
 MSVOA_W
 ClientSampleId :

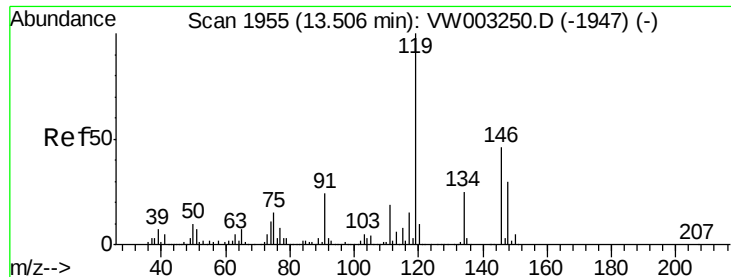
Tot Ion:105 Resp: 670064
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 52.422 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003654.D
 Acq: 29 Jun 2018 12:08

Tgt Ion:119 Resp: 591409
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.9 38.7
 91 23.9 11.8 35.3

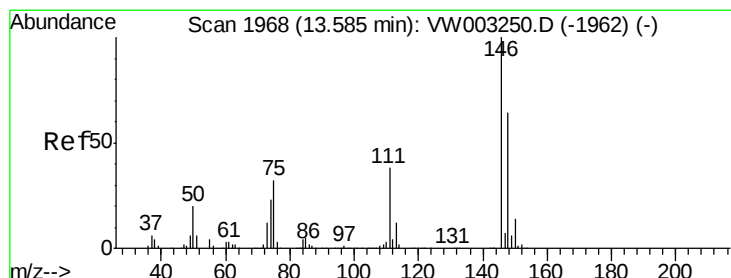
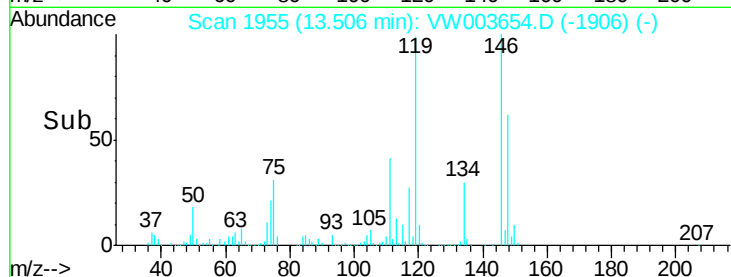
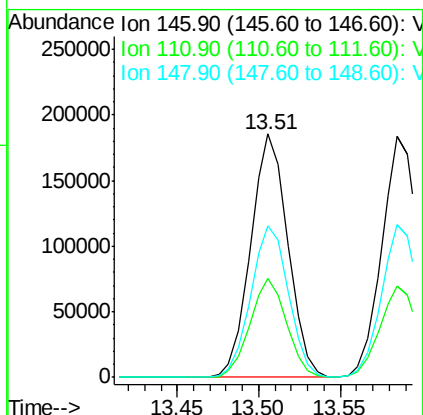
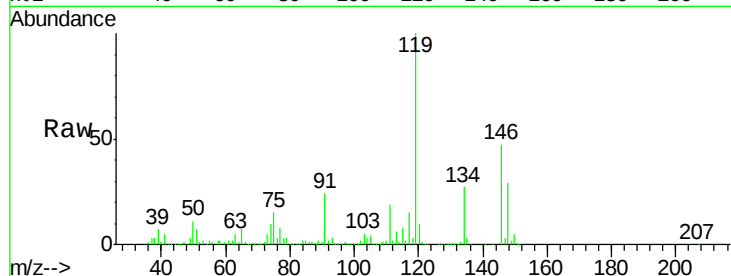




#87
 1,3-Dichlorobenzene
 Concen: 51.025 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003654.D
 Acq: 29 Jun 2018 12:08

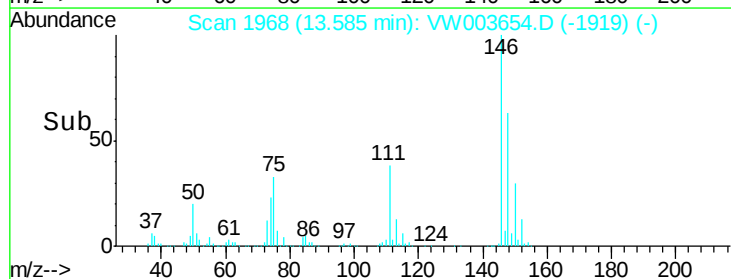
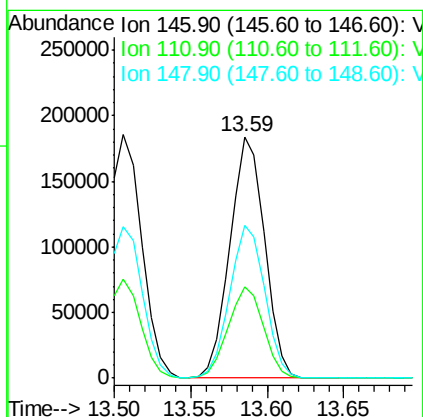
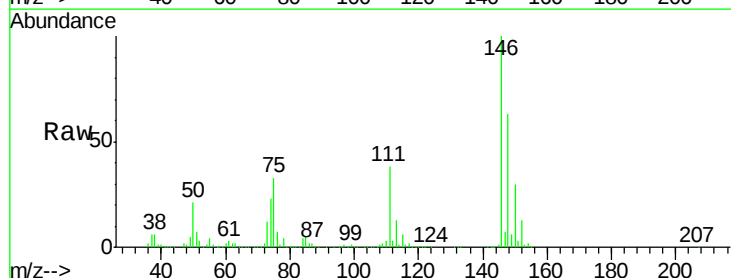
Instrument :
 MSVOA_W
 ClientSampled :

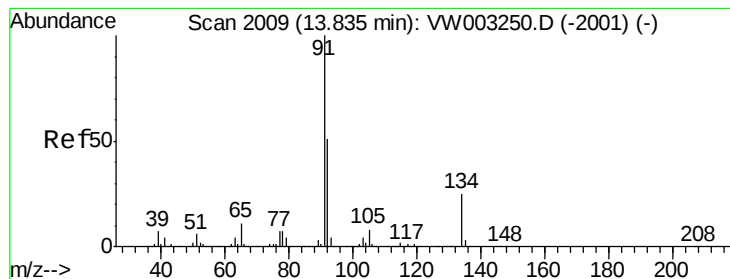
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.8	59.4
148	63.3	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 50.672 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003654.D
 Acq: 29 Jun 2018 12:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.2	57.6
148	63.8	31.8	95.4





#89

n-Butylbenzene

Concen: 52.575 ug/l

RT: 13.84 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Instrument :

MSVOA_W

ClientSampled :

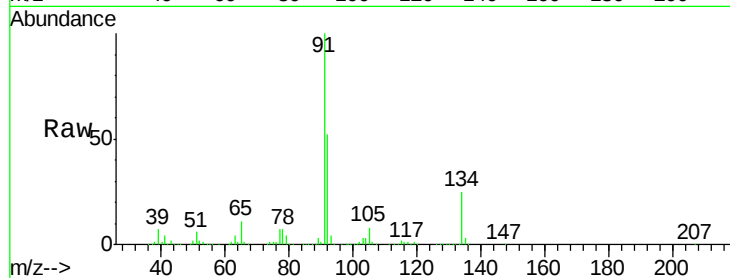
Tot Ion: 91 Resp: 578162

Ion Ratio Lower Upper

91 100

92 52.0 26.0 78.0

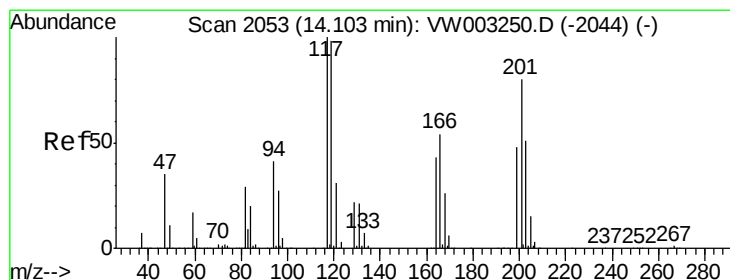
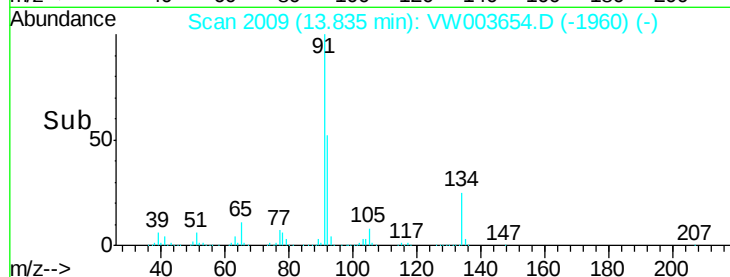
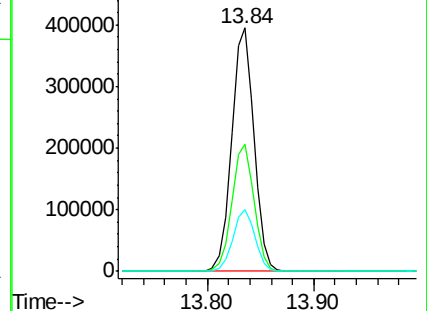
134 25.2 12.7 38.0



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: 52.280 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW003654.D

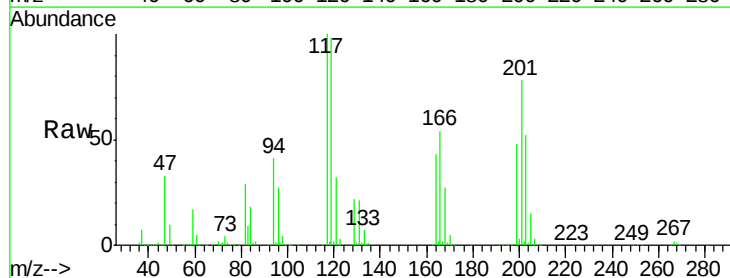
Acq: 29 Jun 2018 12:08

Tgt Ion: 117 Resp: 106695

Ion Ratio Lower Upper

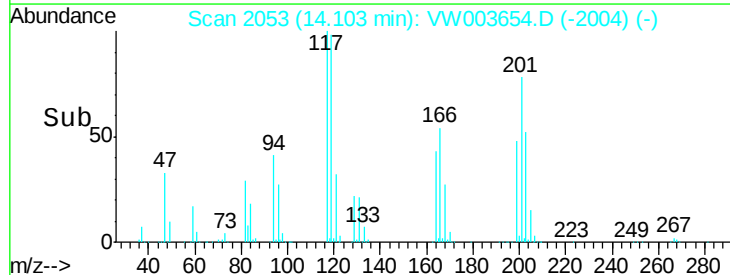
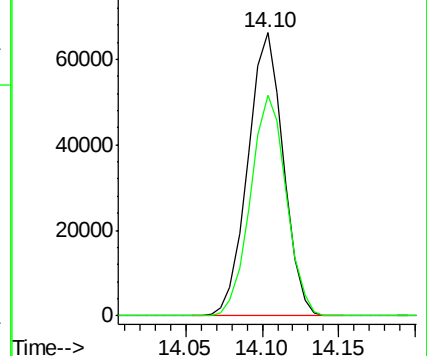
117 100

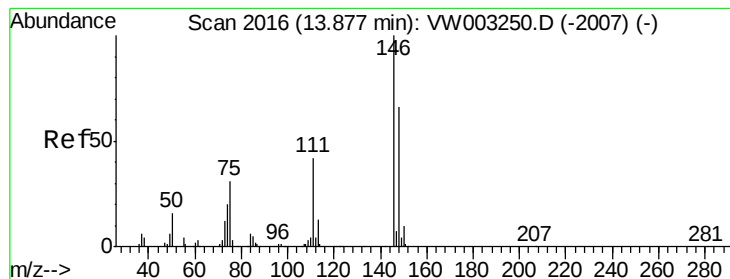
201 78.6 39.5 118.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 51.413 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Instrument :

MSVOA_W

ClientSampleId :

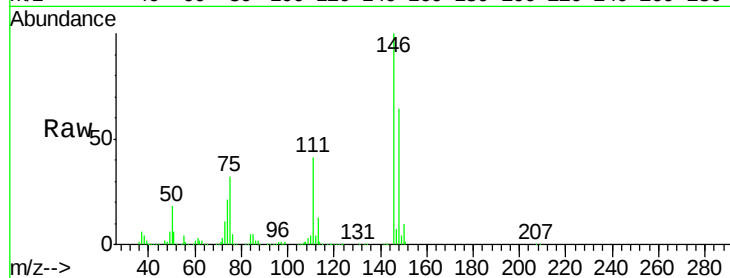
Tot Ion:146 Resp: 259203

Ion Ratio Lower Upper

146 100

111 41.0 20.3 61.0

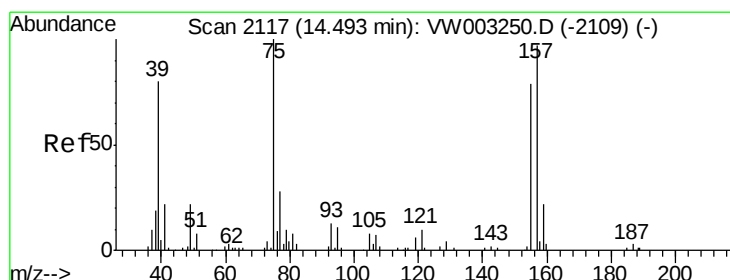
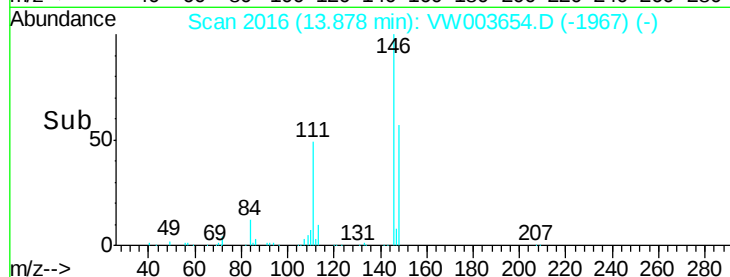
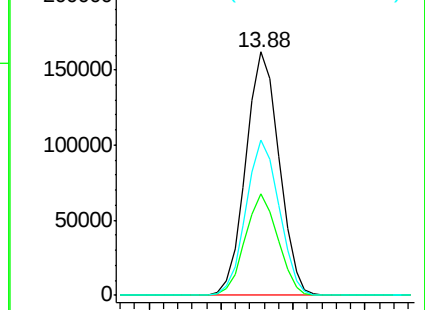
148 63.7 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.276 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

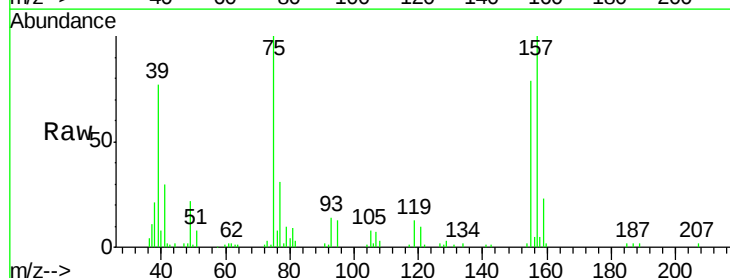
Tgt Ion: 75 Resp: 16877

Ion Ratio Lower Upper

75 100

155 78.6 39.4 118.2

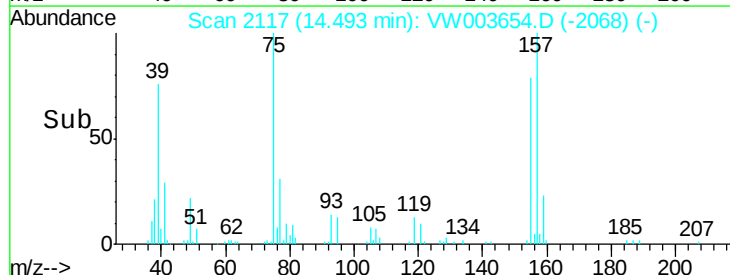
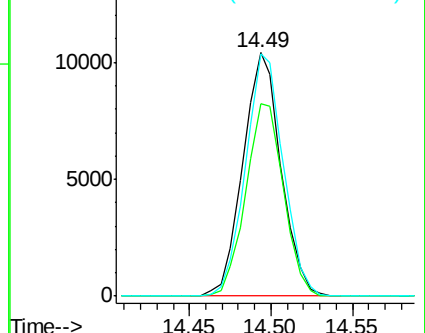
157 98.7 51.5 154.5

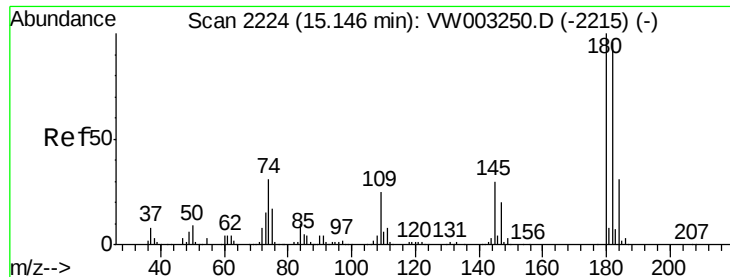


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

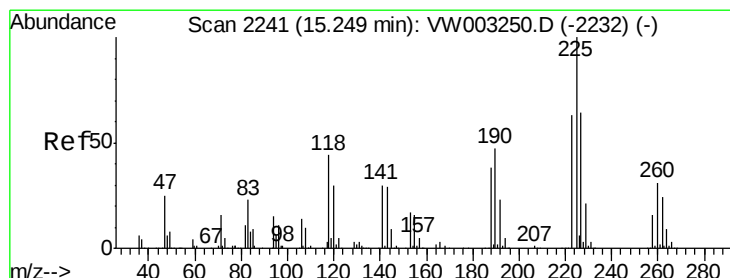
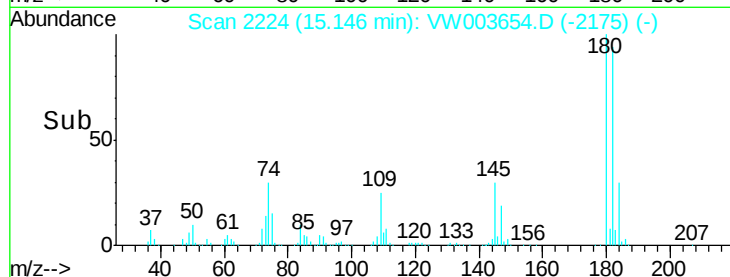
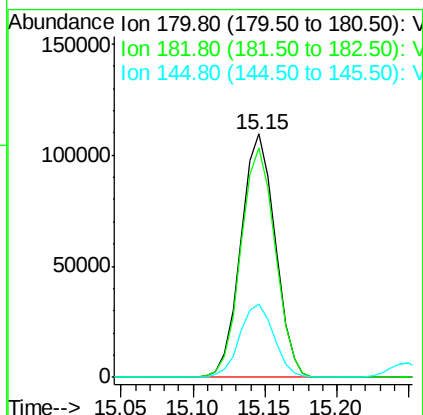
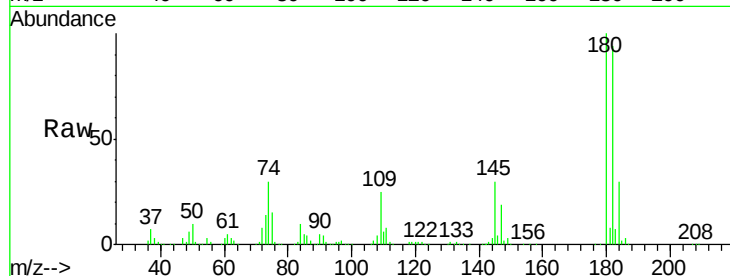




#93
1,2,4-Trichlorobenzene
Concen: 50.991 ug/l
RT: 15.15 min Scan# 2224
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

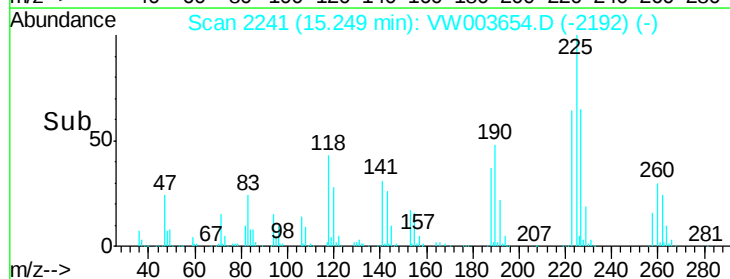
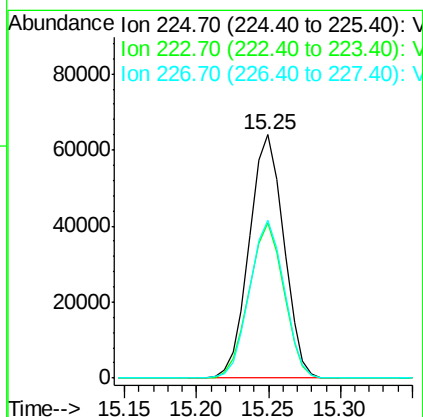
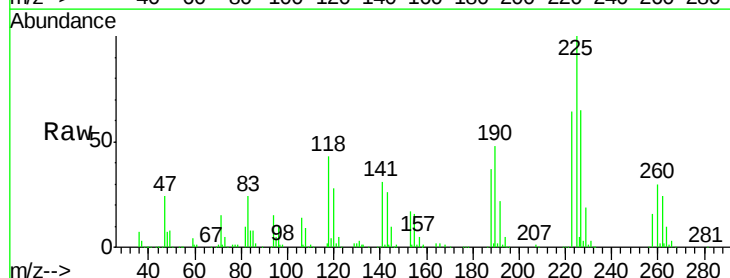
Instrument :
MSVOA_W
ClientSampleId :

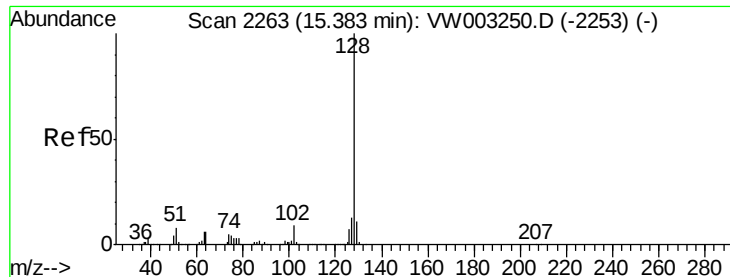
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.9	143.6
145	30.2	15.2	45.5



#94
Hexachlorobutadiene
Concen: 49.979 ug/l
RT: 15.25 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	30.6	92.0
227	64.8	31.7	95.1

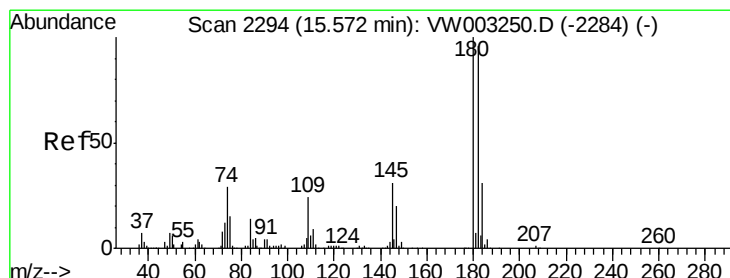
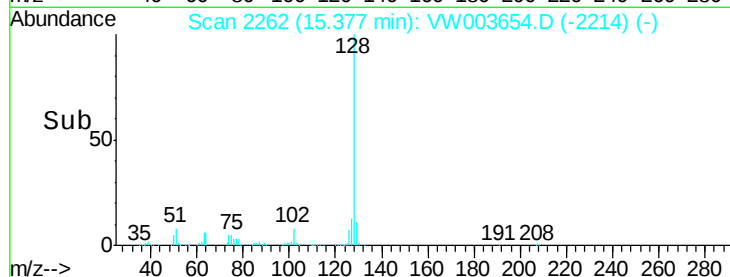
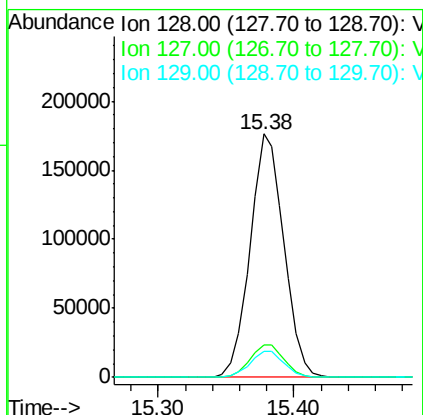
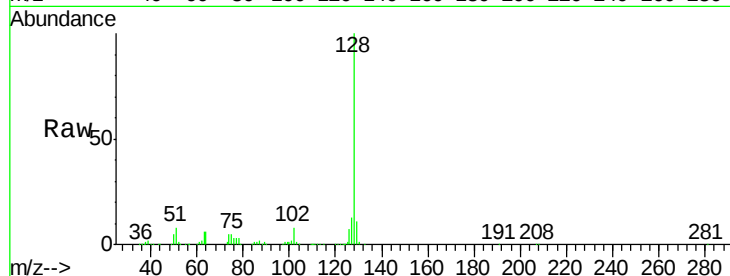




#95
Naphthalene
Concen: 51.064 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 306567
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 50.468 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Tgt Ion:180 Resp: 157223
Ion Ratio Lower Upper
180 100
182 94.8 47.9 143.6
145 31.4 15.8 47.4

