

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004307.D
 Acq On : 29 Jul 2018 11:46
 Operator : SY/AP
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 30 01:28:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 30 01:27:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	187976	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	279689	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	250850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	139204	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	9704	5.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.24%	
35) Dibromofluoromethane	7.89	113	9229	5.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.44%	
50) Toluene-d8	10.33	98	35277	5.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.10%	
62) 4-Bromofluorobenzene	12.62	95	12286	5.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.00%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.00	85	2653	3.982	ug/l	95
3) Chloromethane	2.21	50	6847	6.494	ug/l	91
4) Vinyl Chloride	2.36	62	11070	6.101	ug/l	99
5) Bromomethane	2.78	94	7856	6.554	ug/l	85
6) Chloroethane	2.92	64	7530	6.611	ug/l	96
7) Trichlorofluoromethane	3.25	101	7937	7.311	ug/l	94
8) Diethyl Ether	3.68	74	7670	8.062	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	13923	7.396	ug/l	99
10) Methyl Iodide	4.26	142	19388	6.884	ug/l	99
11) Tert butyl alcohol	5.18	59	6110	43.921	ug/l #	81
12) 1,1-Dichloroethene	4.03	96	14067	7.478	ug/l	92
13) Acrolein	3.89	56	5116	41.491	ug/l	96
14) Allyl chloride	4.66	41	21715	7.180	ug/l	98
15) Acrylonitrile	5.37	53	15244	35.684	ug/l	98
16) Acetone	4.12	43	17180	39.538	ug/l	95
17) Carbon Disulfide	4.37	76	40202	6.912	ug/l	100
18) Methyl Acetate	4.67	43	9905	8.861	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	21631	6.458	ug/l	96
20) Methylene Chloride	4.91	84	16653	8.235	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	14340	7.148	ug/l	92
22) Diisopropyl ether	6.31	45	32477	5.706	ug/l #	87
23) Vinyl Acetate	6.26	43	89835	27.204	ug/l	100
24) 1,1-Dichloroethane	6.21	63	26163	7.137	ug/l	96
25) 2-Butanone	7.17	43	10723	20.362	ug/l	100
26) 2,2-Dichloropropane	7.17	77	11497	5.406	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	9744	4.772	ug/l	94
28) Bromochloromethane	7.51	49	6657	5.182	ug/l #	82
29) Tetrahydrofuran	7.53	42	6781	20.122	ug/l	91
30) Chloroform	7.68	83	17752	5.070	ug/l	89
31) Cyclohexane	7.96	56	16025	4.951	ug/l #	74
32) 1,1,1-Trichloroethane	7.87	97	15166	5.274	ug/l	99
36) 1,1-Dichloropropene	8.08	75	13427	4.799	ug/l	95
37) Ethyl Acetate	7.26	43	4953	4.320	ug/l	98
38) Carbon Tetrachloride	8.07	117	14509	5.252	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	16080	4.769	ug/l	88
40) Benzene	8.32	78	38722	4.919	ug/l	99
41) Methacrylonitrile	7.48	41	2305	3.482	ug/l #	74
42) 1,2-Dichloroethane	8.40	62	11965	5.317	ug/l	97
43) Isopropyl Acetate	8.43	43	8775	4.246	ug/l	94
44) Trichloroethene	9.10	130	11321	5.327	ug/l	85
45) 1,2-Dichloropropane	9.37	63	9317	4.770	ug/l	98
46) Dibromomethane	9.46	93	4932	4.945	ug/l	94
47) Bromodichloromethane	9.65	83	12954	5.121	ug/l #	98
48) Methyl methacrylate	9.44	41	4289	4.075	ug/l	87
49) 1,4-Dioxane	9.45	88	1340	88.627	ug/l #	90
51) 4-Methyl-2-Pentanone	10.21	43	22594	19.922	ug/l	97
52) Toluene	10.39	92	24808	5.020	ug/l	96
53) t-1,3-Dichloropropene	10.61	75	12376	4.885	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	13644	4.619	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	7107	5.001	ug/l #	92
56) Ethyl methacrylate	10.65	69	7003	4.072	ug/l	98
57) 1,3-Dichloropropane	10.94	76	11919	4.923	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.93	63	15157	19.842	ug/l	94
59) 2-Hexanone	10.98	43	15775	20.257	ug/l	98
60) Dibromochloromethane	11.13	129	8433	4.960	ug/l	100
61) 1,2-Dibromoethane	11.24	107	7032	5.189	ug/l	94
64) Tetrachloroethene	10.87	164	10572	5.752	ug/l	94
65) Chlorobenzene	11.66	112	27255	5.173	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	9603	5.168	ug/l	99
67) Ethyl Benzene	11.74	91	45517	4.956	ug/l	100
68) m/p-Xylenes	11.85	106	33890	9.590	ug/l	95
69) o-Xylene	12.17	106	16077	4.924	ug/l	97
70) Styrene	12.19	104	27025	4.899	ug/l	96
71) Bromoform	12.36	173	5495	5.277	ug/l #	98
73) Isopropylbenzene	12.47	105	45367	4.700	ug/l	99
74) N-amyl acetate	12.28	43	8259	3.949	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	7818	4.624	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	10381	4.893	ug/l #	100
77) Bromobenzene	12.76	156	12009	5.149	ug/l	92
78) n-propylbenzene	12.81	91	55260	4.699	ug/l	98
79) 2-Chlorotoluene	12.90	91	33459	4.975	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	40033	4.814	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.52	75	2374	4.348	ug/l	99
82) 4-Chlorotoluene	12.99	91	34513	4.850	ug/l	99
83) tert-Butylbenzene	13.21	119	32850	4.742	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	40897	4.822	ug/l	98
85) sec-Butylbenzene	13.40	105	46906	4.636	ug/l	95
86) p-Isopropyltoluene	13.51	119	42970	4.728	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	24723	5.296	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	24633	5.289	ug/l	95
89) n-Butylbenzene	13.83	91	40299	4.749	ug/l	97
90) Hexachloroethane	14.10	117	7954	4.907	ug/l	91
91) 1,2-Dichlorobenzene	13.88	146	22138	5.298	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1449	4.909	ug/l	99

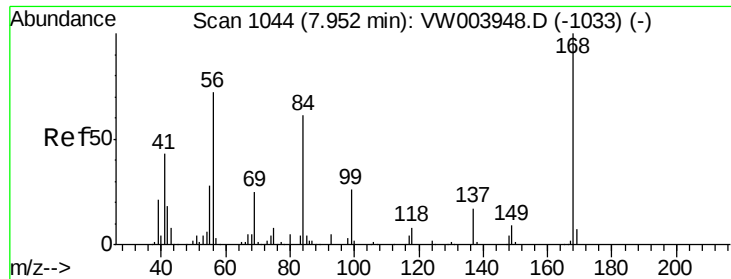
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	14809	5.048	ug/l	97
94) Hexachlorobutadiene	15.25	225	9538	5.321	ug/l	98
95) Naphthalene	15.38	128	22899	4.537	ug/l	97
96) 1,2,3-Trichlorobenzene	15.57	180	13058	5.086	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: VW004307.D

Acq: 29 Jul 2018 11:46

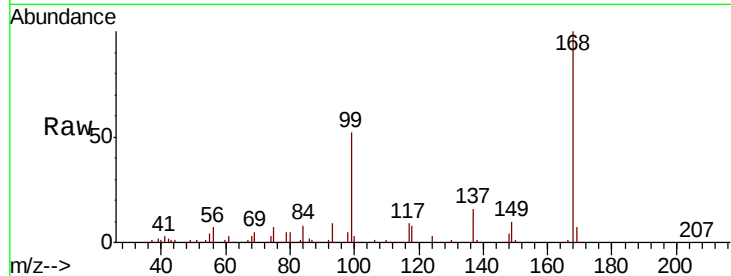
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 187976

Ion Ratio Lower Upper

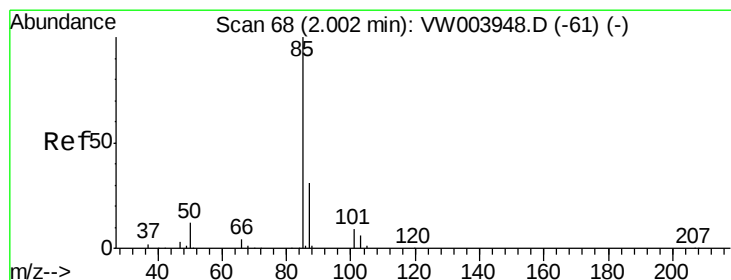
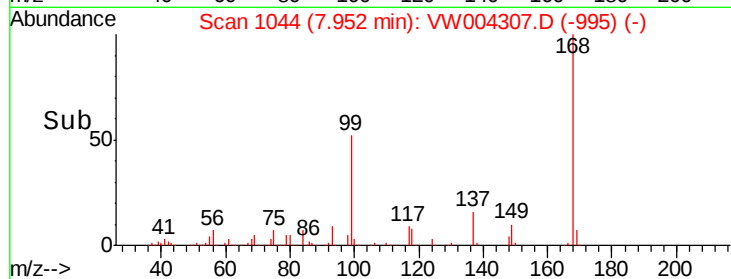
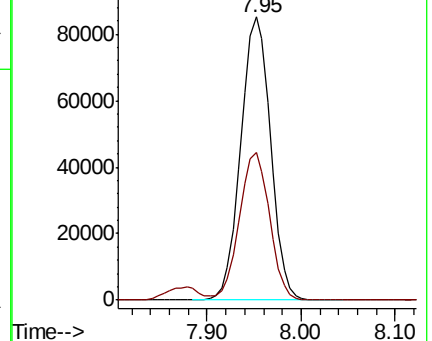
168 100

99 52.0 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 3.982 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW004307.D

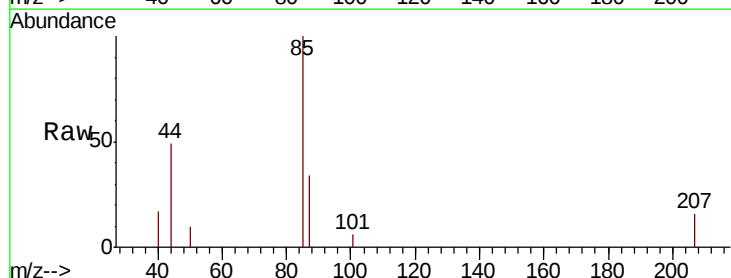
Acq: 29 Jul 2018 11:46

Tgt Ion: 85 Resp: 2653

Ion Ratio Lower Upper

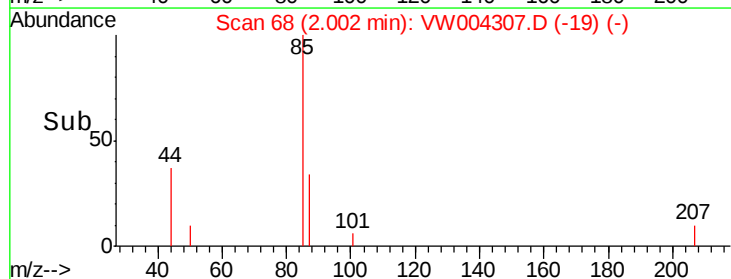
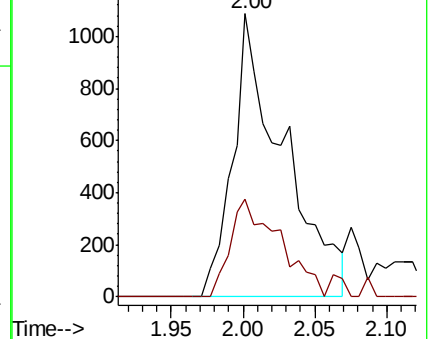
85 100

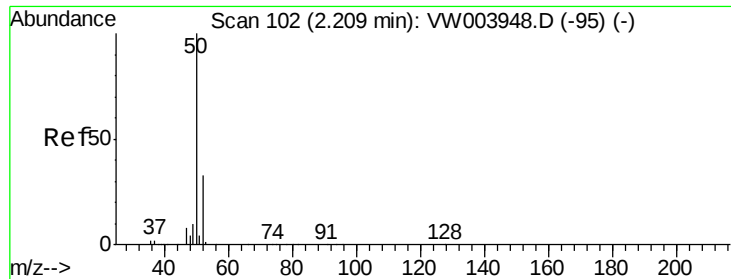
87 34.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 6.494 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW004307.D

Acq: 29 Jul 2018 11:46

Instrument :

MSVOA_W

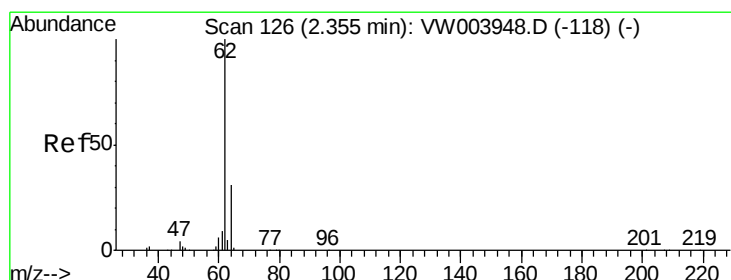
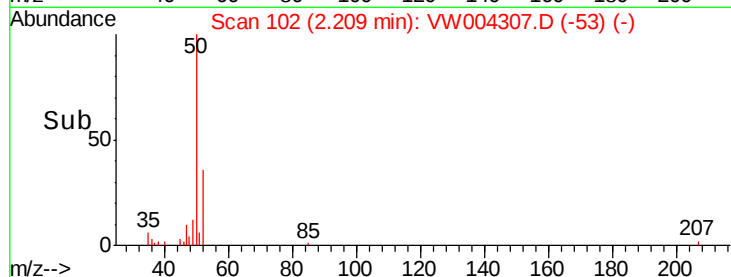
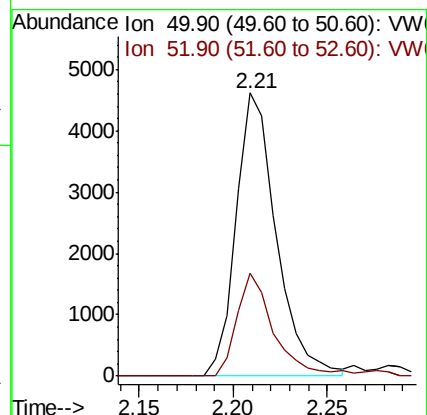
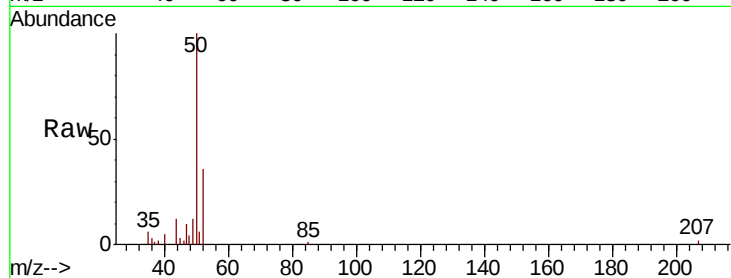
ClientSampled :

Tot Ion: 50 Resp: 6847

Ion Ratio Lower Upper

50 100

52 36.2 24.8 37.2



#4

Vinyl Chloride

Concen: 6.101 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW004307.D

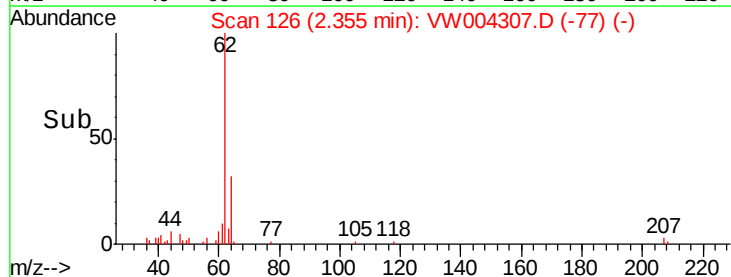
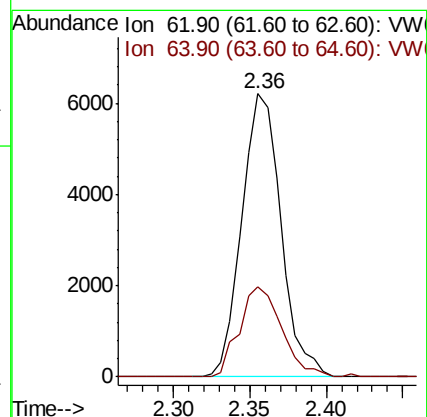
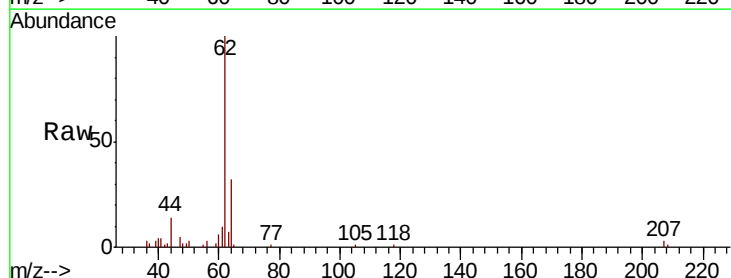
Acq: 29 Jul 2018 11:46

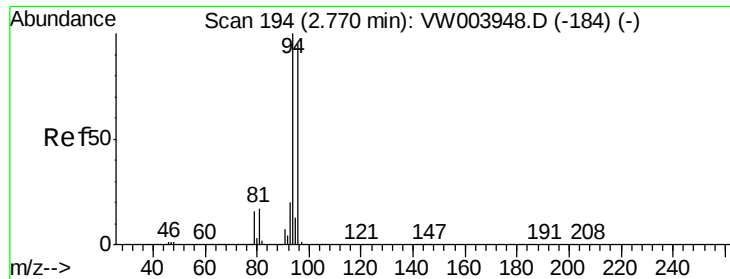
Tgt Ion: 62 Resp: 11070

Ion Ratio Lower Upper

62 100

64 31.8 25.9 38.9





#5

Bromomethane

Concen: 6.554 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VW004307.D

Acq: 29 Jul 2018 11:46

Instrument :

MSVOA_W

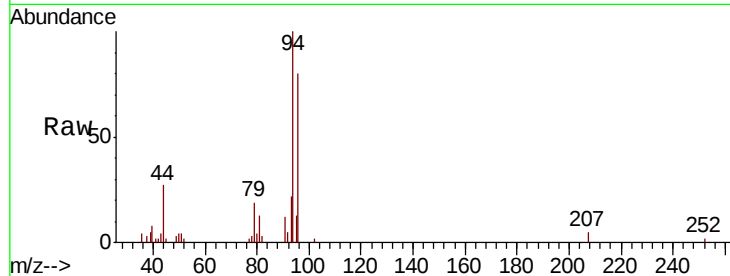
ClientSampleId :

Tot Ion: 94 Resp: 7856

Ion Ratio Lower Upper

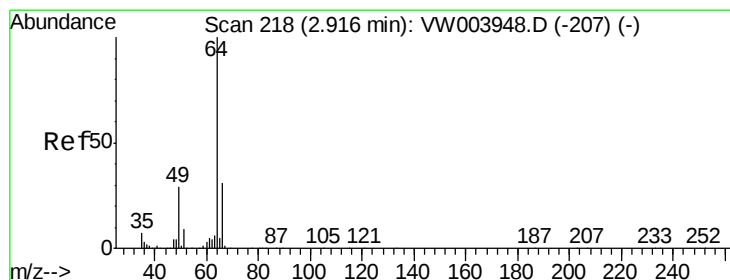
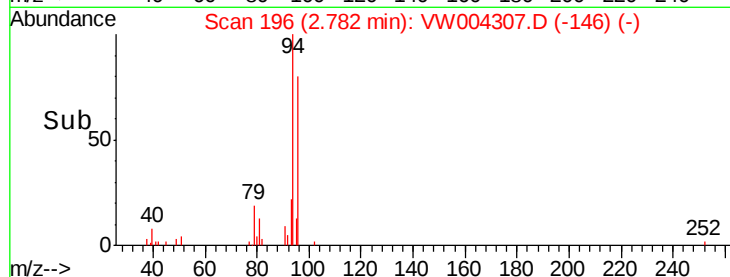
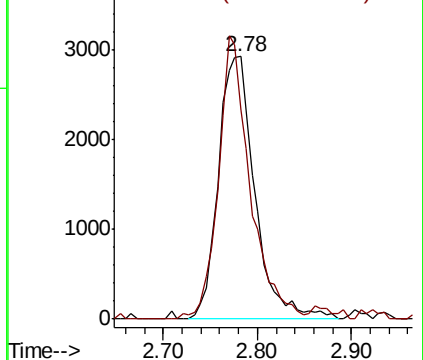
94 100

96 77.8 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 6.611 ug/l

RT: 2.92 min Scan# 219

Delta R.T. -0.00 min

Lab File: VW004307.D

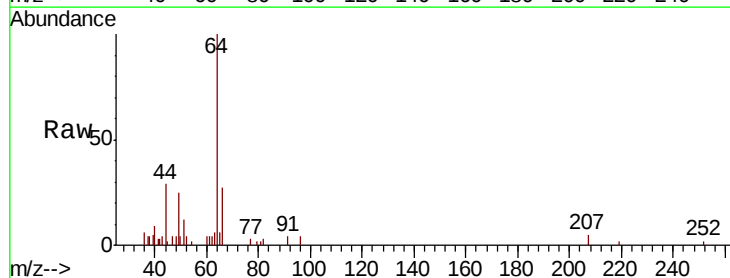
Acq: 29 Jul 2018 11:46

Tgt Ion: 64 Resp: 7530

Ion Ratio Lower Upper

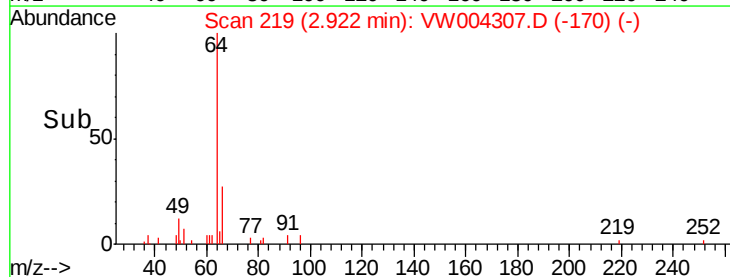
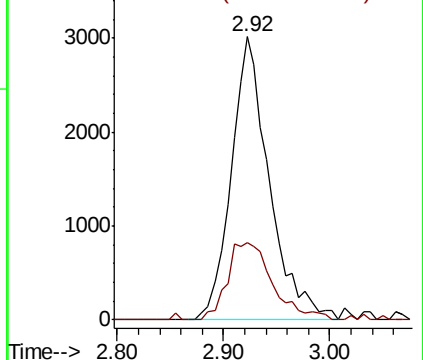
64 100

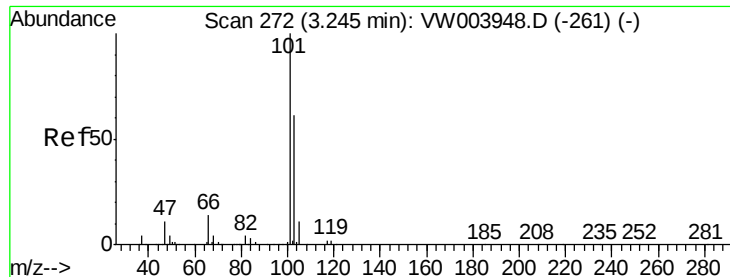
66 27.5 23.7 35.5



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



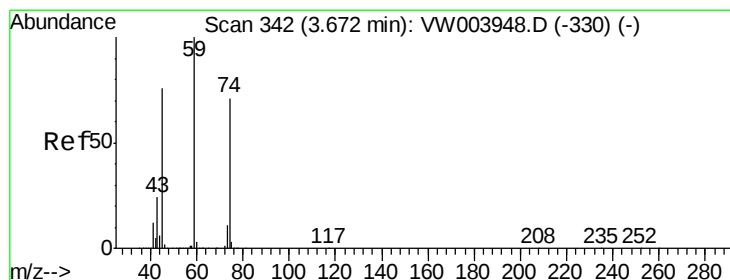
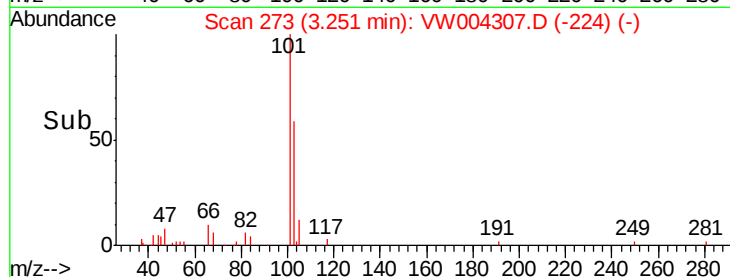
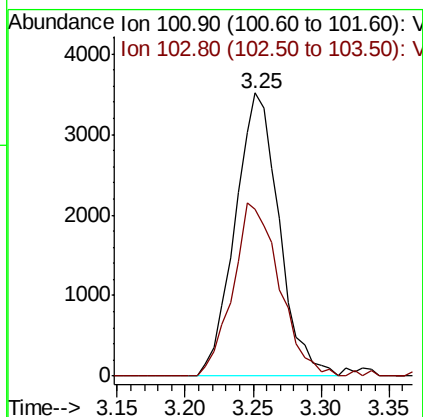
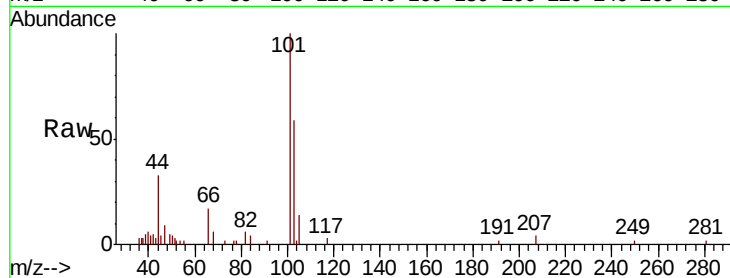


#7

Trichlorofluoromethane
 Concen: 7.311 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. -0.00 min
 Lab File: VW004307.D
 Acq: 29 Jul 2018 11:46

Instrument :
 MSVOA_W
 ClientSampleId :

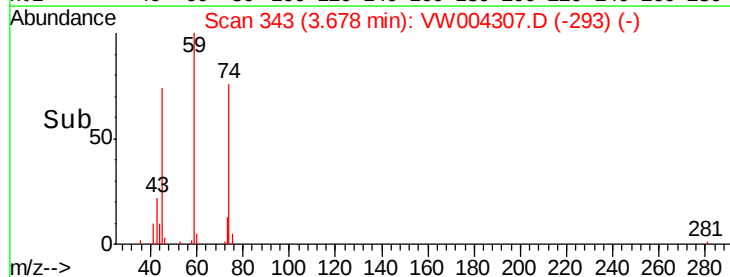
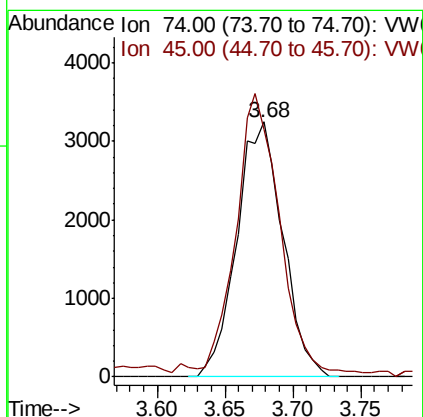
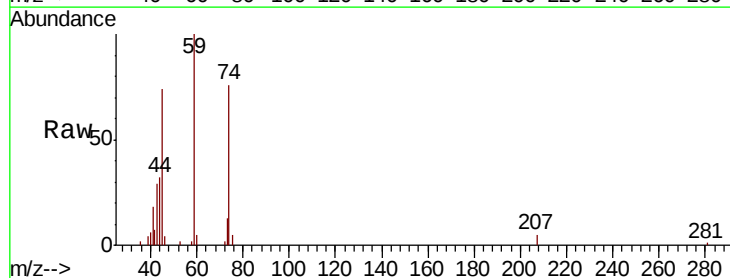
Tot Ion:101 Resp: 7937
 Ion Ratio Lower Upper
 101 100
 103 59.0 50.8 76.2

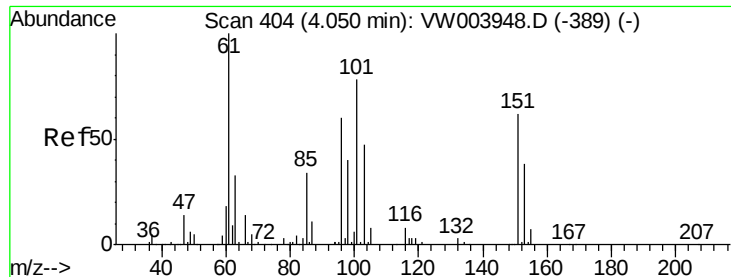


#8

Diethyl Ether
 Concen: 8.062 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.01 min
 Lab File: VW004307.D
 Acq: 29 Jul 2018 11:46

Tgt Ion: 74 Resp: 7670
 Ion Ratio Lower Upper
 74 100
 45 101.8 49.4 148.0

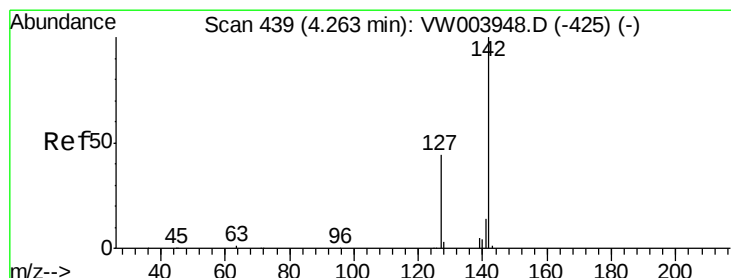
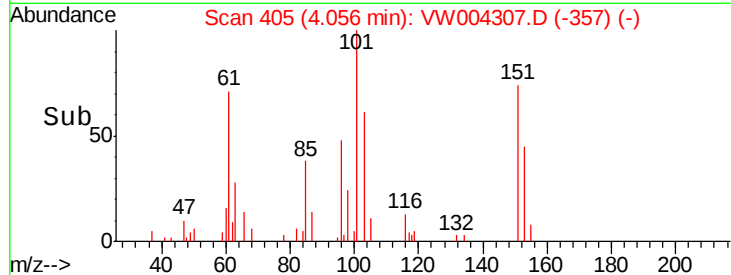
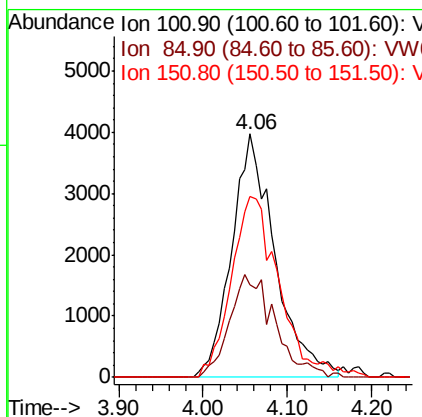
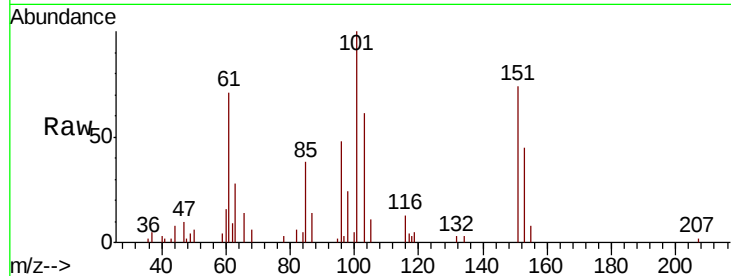




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 7.396 ug/l
 RT: 4.06 min Scan# 405
 Delta R.T. -0.01 min
 Lab File: VW004307.D
 Acq: 29 Jul 2018 11:46

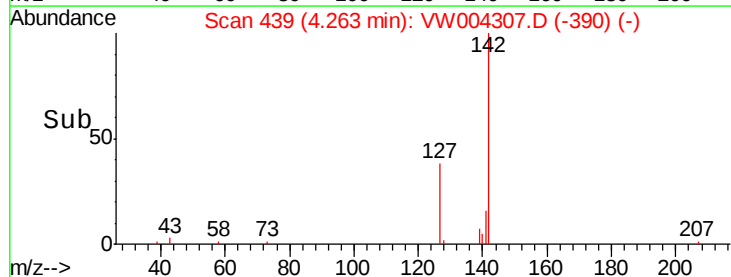
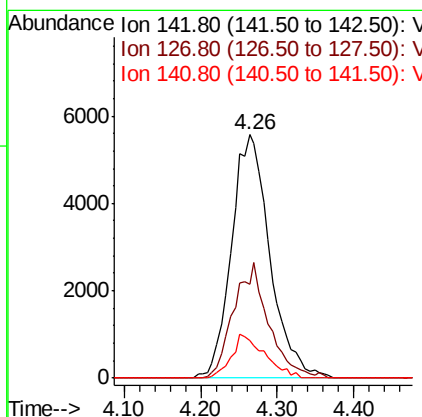
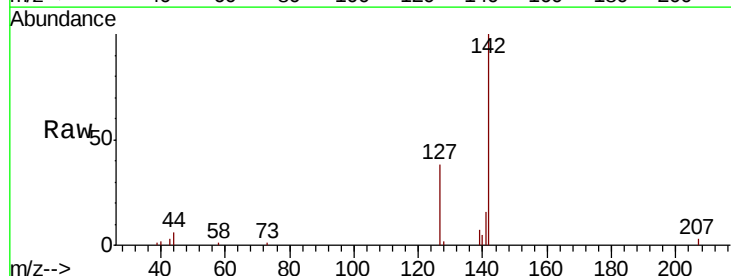
Instrument :
 MSVOA_W
 ClientSampled :

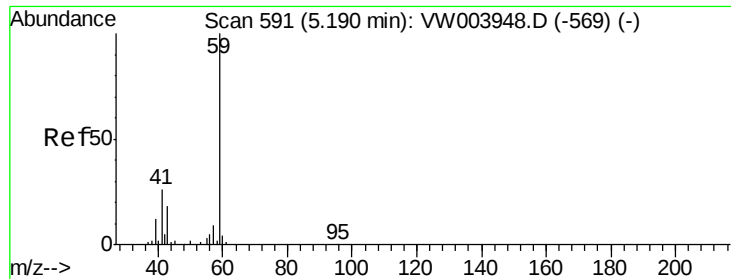
Tot Ion	Ratio	Lower	Upper
101	100		
85	43.8	35.5	53.3
151	82.0	64.6	97.0



#10
 Methyl Iodide
 Concen: 6.884 ug/l
 RT: 4.26 min Scan# 439
 Delta R.T. -0.00 min
 Lab File: VW004307.D
 Acq: 29 Jul 2018 11:46

Tgt Ion	Ratio	Lower	Upper
142	100		
127	43.4	34.6	52.0
141	15.5	11.5	17.3



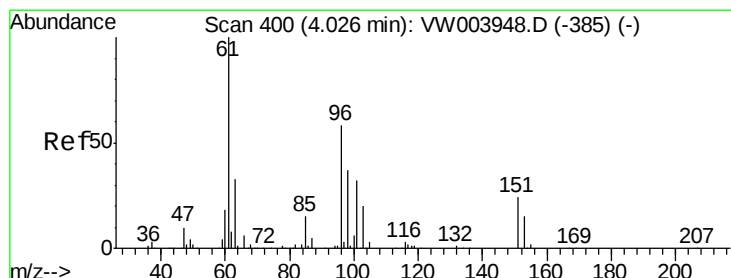
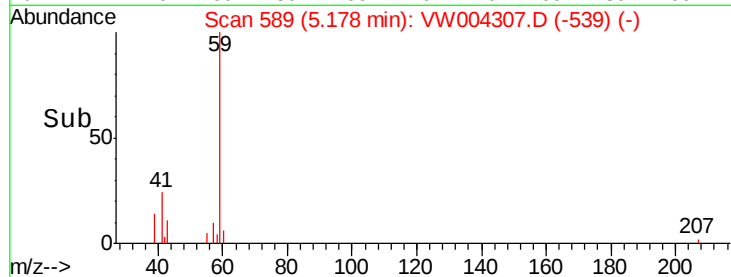
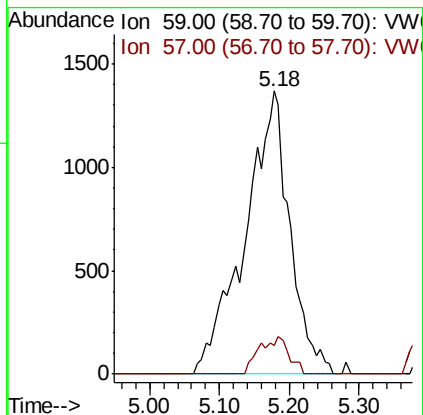
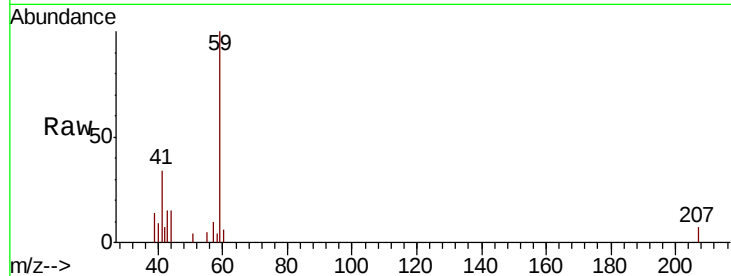


#11

Tert butyl alcohol
Concen: 43.921 ug/l
RT: 5.18 min Scan# 589
Delta R.T. 0.01 min
Lab File: VW004307.D
Acq: 29 Jul 2018 11:46

Instrument :
MSVOA_W
ClientSampleId :

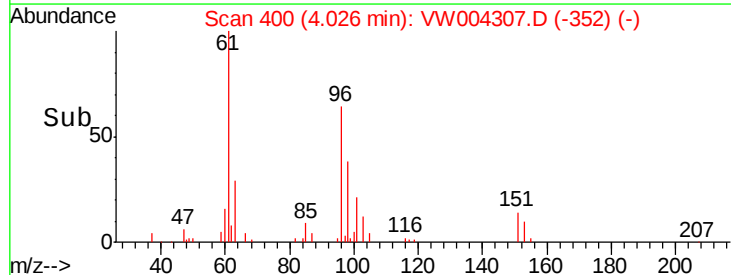
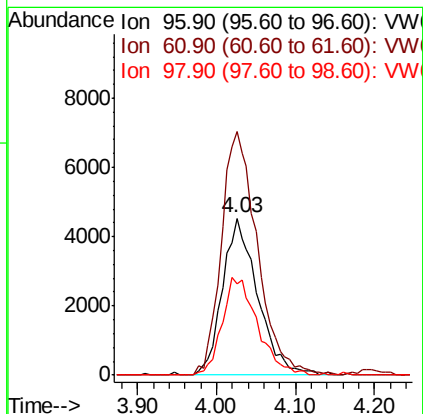
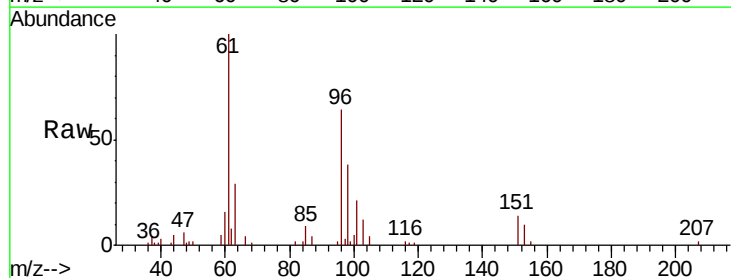
Tot Ion: 59 Resp: 6110
Ion Ratio Lower Upper
59 100
57 3.2 8.4 12.6#

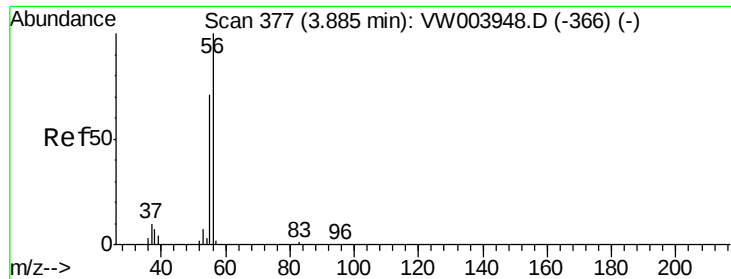


#12

1,1-Dichloroethene
Concen: 7.478 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.01 min
Lab File: VW004307.D
Acq: 29 Jul 2018 11:46

Tgt Ion: 96 Resp: 14067
Ion Ratio Lower Upper
96 100
61 155.4 133.4 200.0
98 58.6 51.9 77.9





#13

Acrolein

Concen: 41.491 ug/l

RT: 3.89 min Scan# 377

Delta R.T. -0.00 min

Lab File: VW004307.D

Acq: 29 Jul 2018 11:46

Instrument :

MSVOA_W

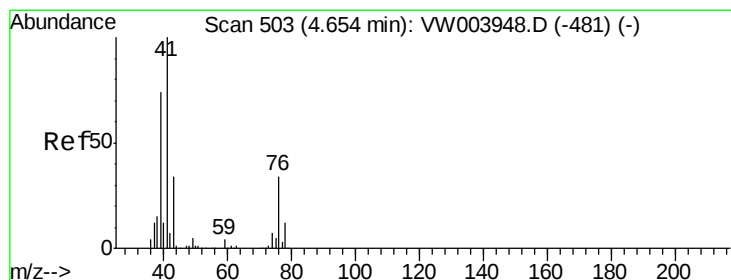
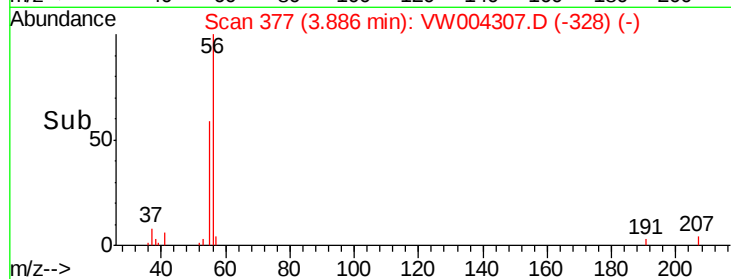
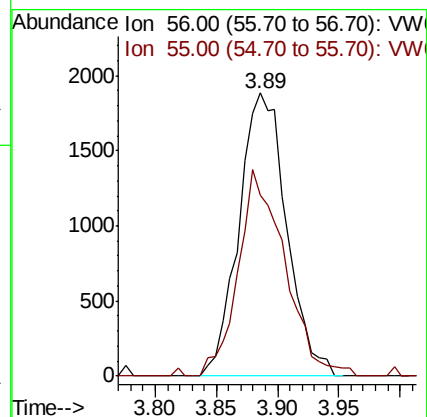
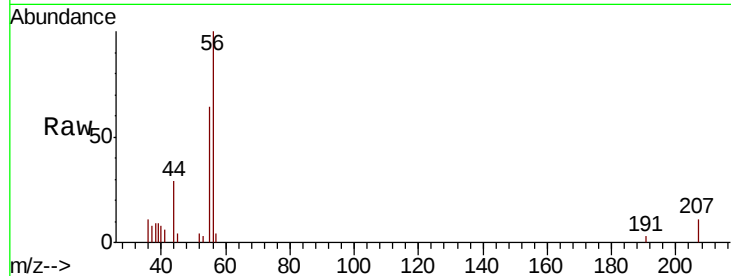
ClientSampleId :

Tot Ion: 56 Resp: 5116

Ion Ratio Lower Upper

56 100

55 71.2 59.4 89.2



#14

Allyl chloride

Concen: 7.180 ug/l

RT: 4.66 min Scan# 504

Delta R.T. -0.01 min

Lab File: VW004307.D

Acq: 29 Jul 2018 11:46

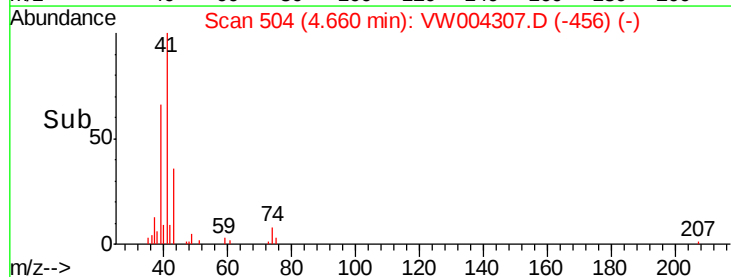
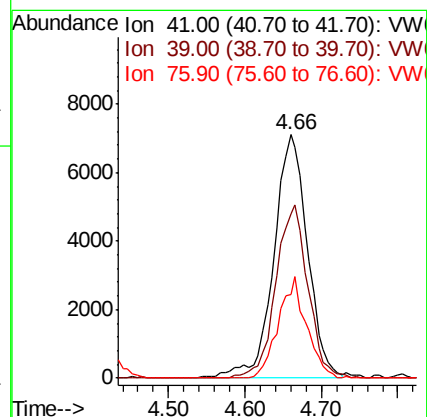
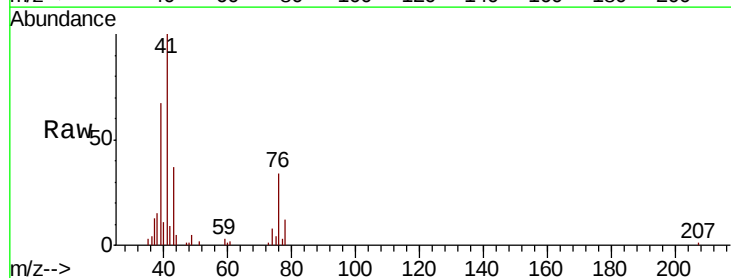
Tgt Ion: 41 Resp: 21715

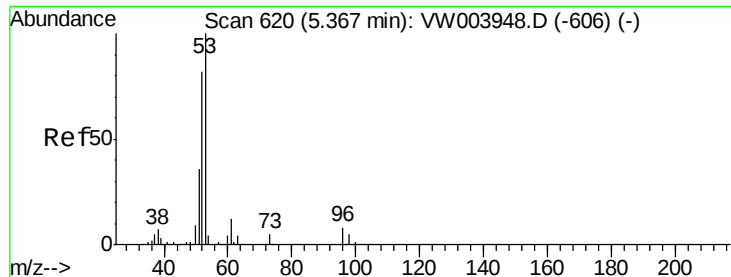
Ion Ratio Lower Upper

41 100

39 67.8 52.3 78.5

76 34.7 27.3 40.9





#15

Acrylonitrile

Concen: 35.684 ug/l

RT: 5.37 min Scan# 620

Delta R.T. -0.00 min

Lab File: VW004307.D

Acq: 29 Jul 2018 11:46

Instrument :

MSVOA_W

ClientSampleId :

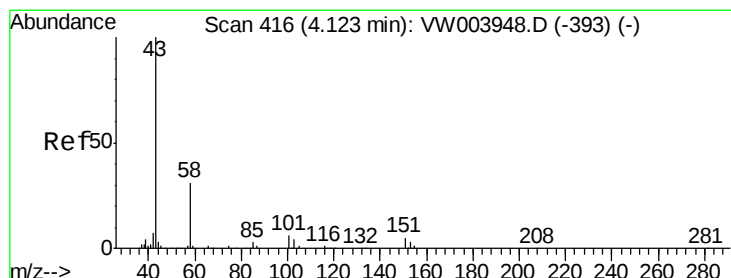
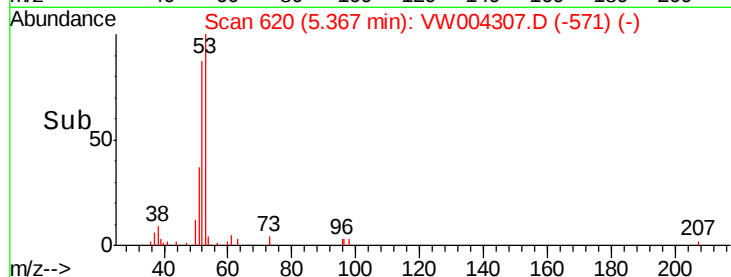
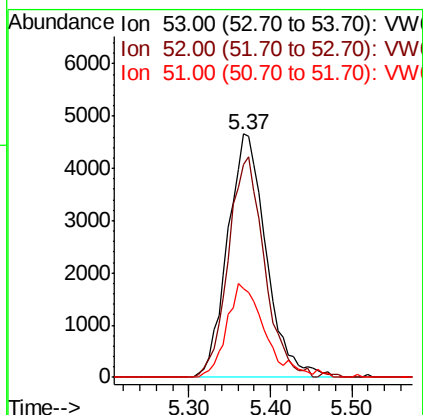
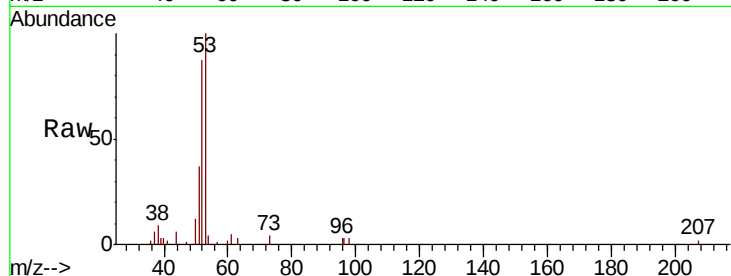
Tot Ion: 53 Resp: 15244

Ion Ratio Lower Upper

53 100

52 84.4 65.7 98.5

51 37.5 29.2 43.8



#16

Acetone

Concen: 39.538 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.00 min

Lab File: VW004307.D

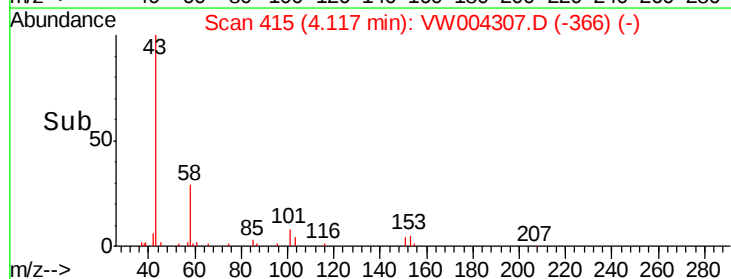
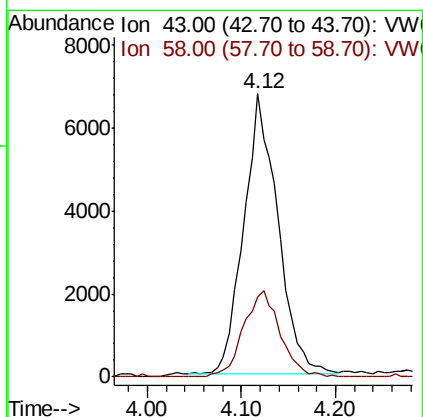
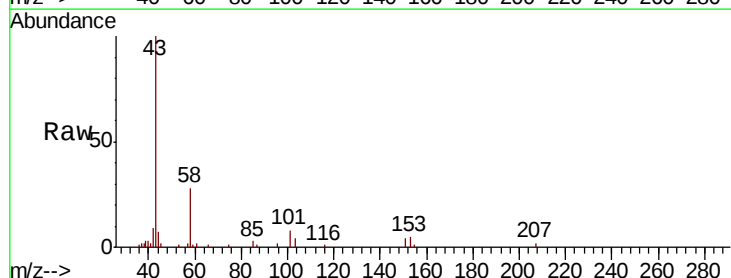
Acq: 29 Jul 2018 11:46

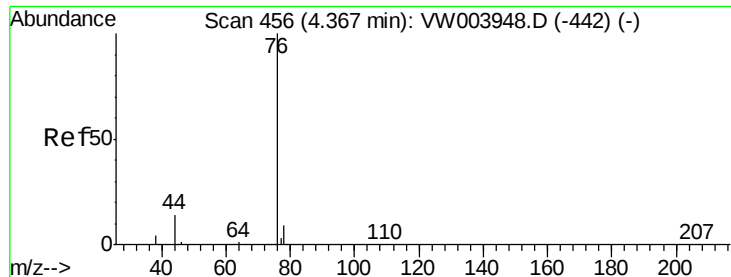
Tgt Ion: 43 Resp: 17180

Ion Ratio Lower Upper

43 100

58 28.3 24.8 37.2

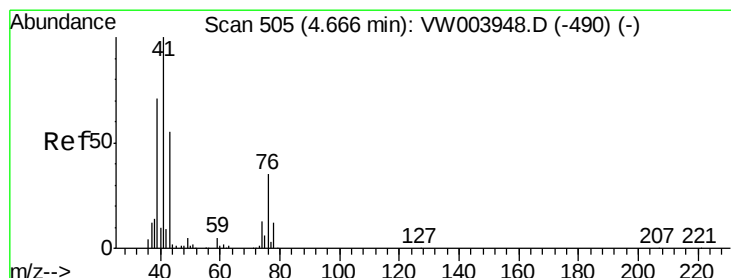
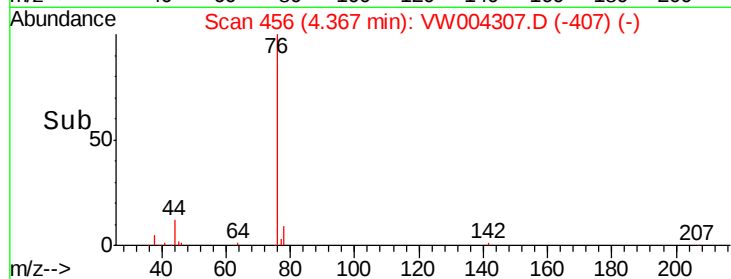
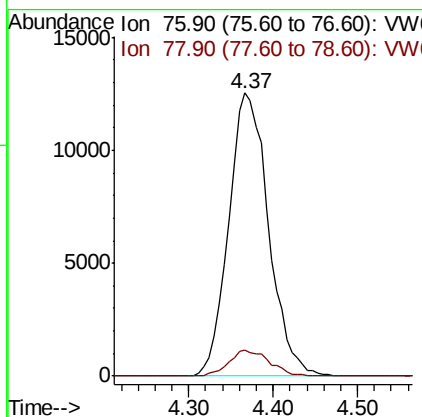
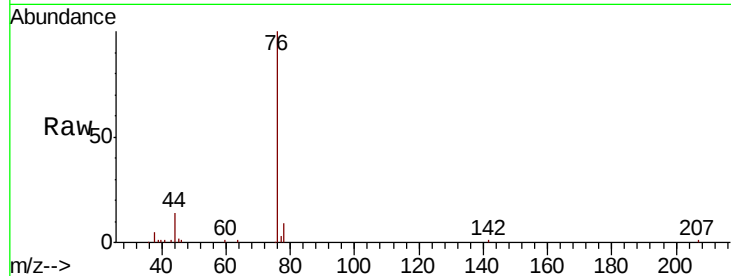




#17
Carbon Disulfide
Concen: 6.912 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW004307.D
Acq: 29 Jul 2018 11:46

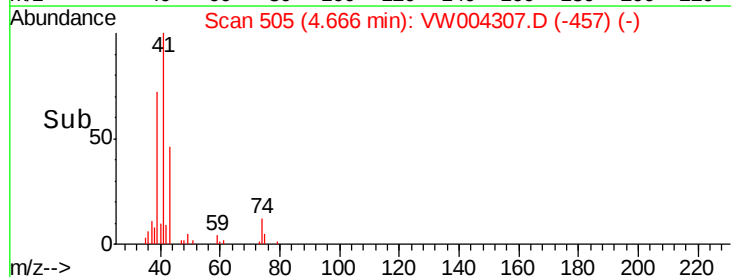
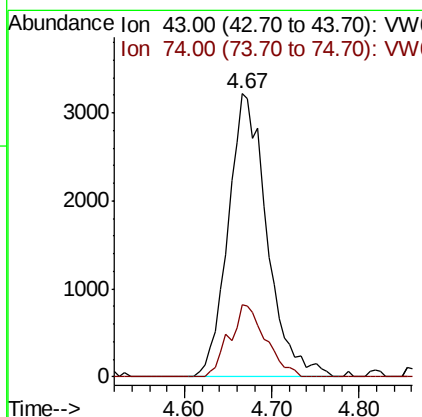
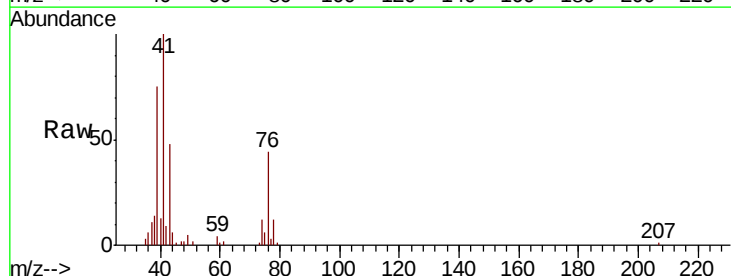
Instrument :
MSVOA_W
ClientSampled :

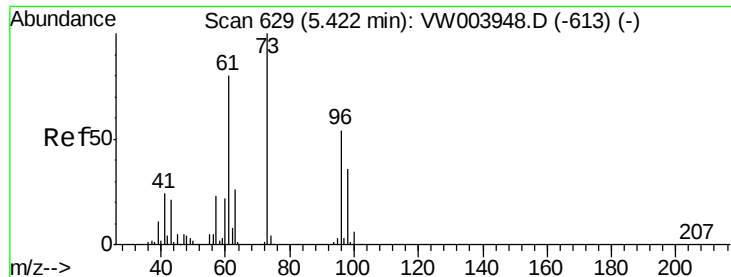
Tot Ion: 76 Resp: 40202
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 8.861 ug/l
RT: 4.67 min Scan# 505
Delta R.T. -0.01 min
Lab File: VW004307.D
Acq: 29 Jul 2018 11:46

Tgt Ion: 43 Resp: 9905
Ion Ratio Lower Upper
43 100
74 23.9 17.8 26.6

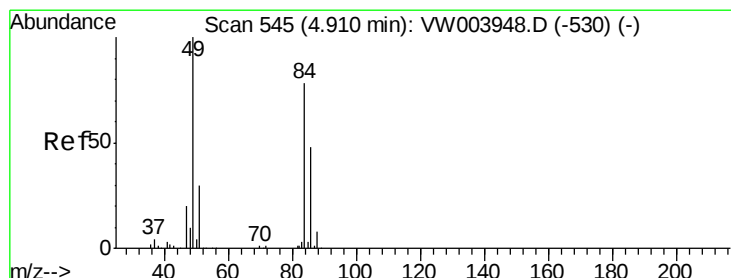
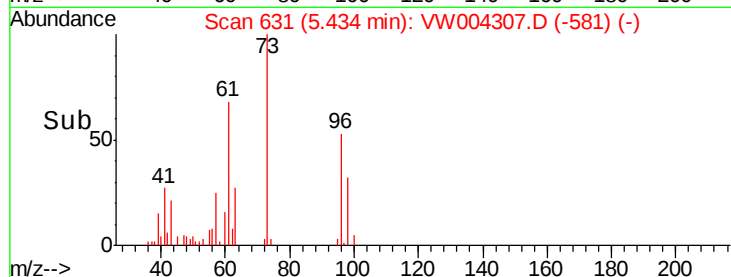
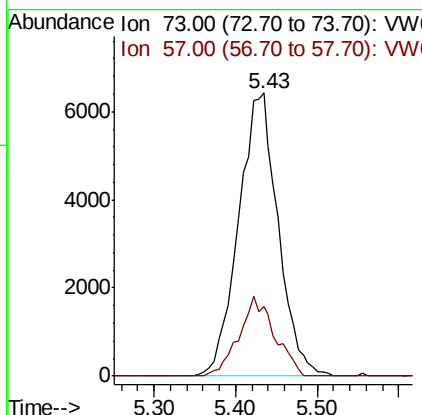
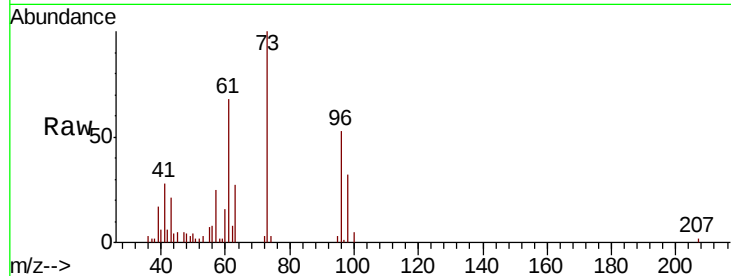




#19
Methvl tert-butvl Ether
Concen: 6.458 ug/l
RT: 5.43 min Scan# 631
Delta R.T. 0.01 min
Lab File: VW004307.D
Acq: 29 Jul 2018 11:46

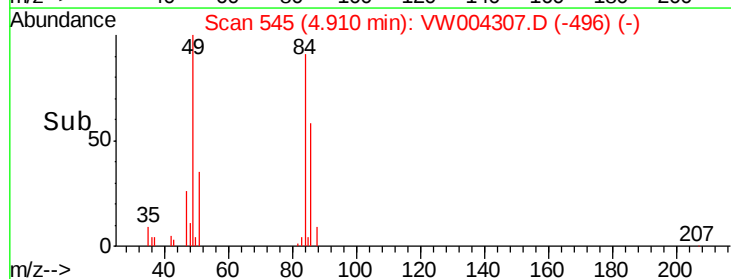
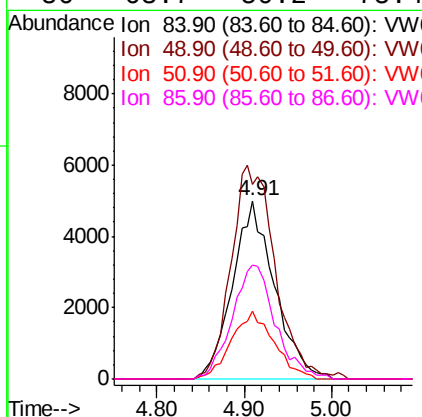
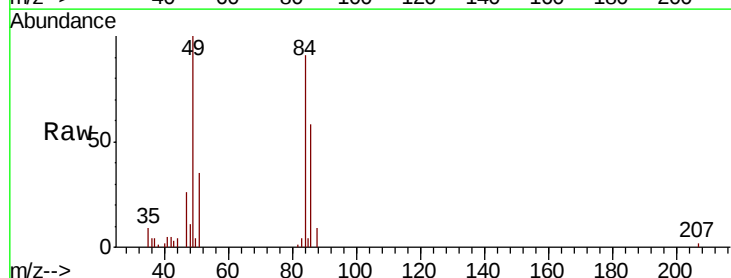
Instrument :
MSVOA_W
ClientSampled :

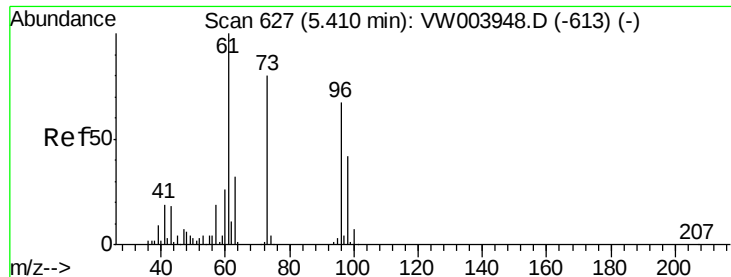
Tot Ion: 73 Resp: 21631
Ion Ratio Lower Upper
73 100
57 24.8 18.4 27.6



#20
Methylene Chloride
Concen: 8.235 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.00 min
Lab File: VW004307.D
Acq: 29 Jul 2018 11:46

Tgt Ion: 84 Resp: 16653
Ion Ratio Lower Upper
84 100
49 109.3 100.5 150.7
51 38.0 30.9 46.3
86 63.7 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 7.148 ug/l

RT: 5.42 min Scan# 628

Delta R.T. -0.00 min

Lab File: VW004307.D

Acq: 29 Jul 2018 11:46

Instrument :

MSVOA_W

ClientSampleId :

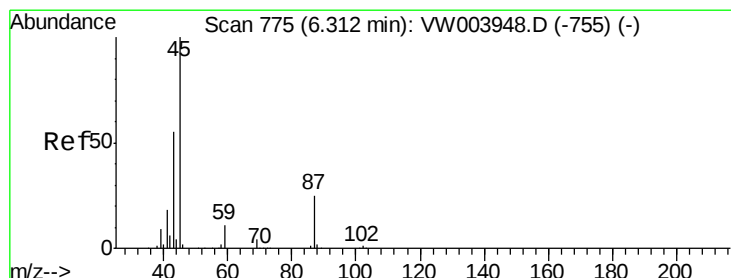
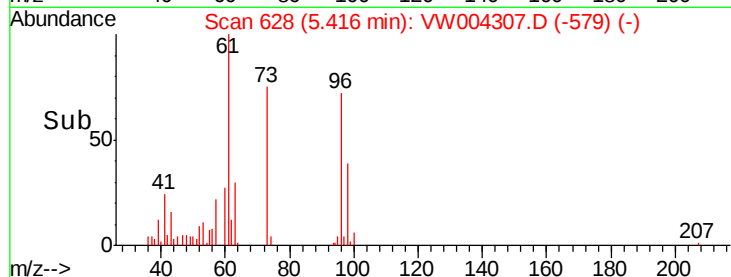
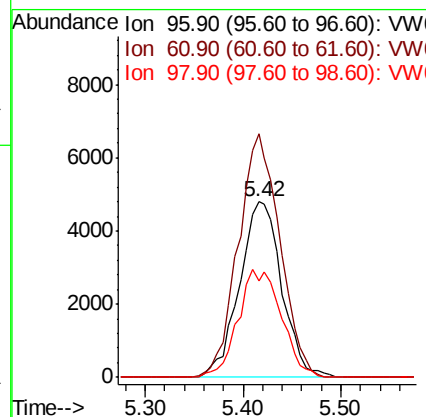
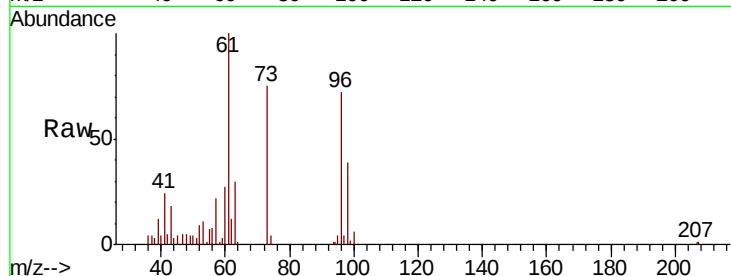
Tot Ion: 96 Resp: 14340

Ion Ratio Lower Upper

96 100

61 138.8 116.2 174.2

98 54.7 52.9 79.3



#22

Diisopropyl ether

Concen: 5.706 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW004307.D

Acq: 29 Jul 2018 11:46

Tgt Ion: 45 Resp: 32477

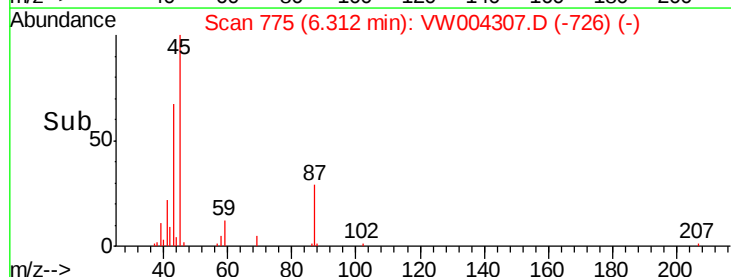
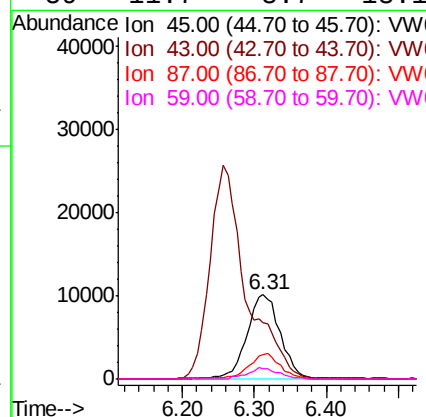
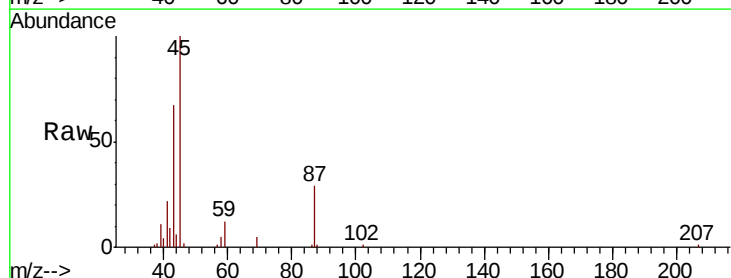
Ion Ratio Lower Upper

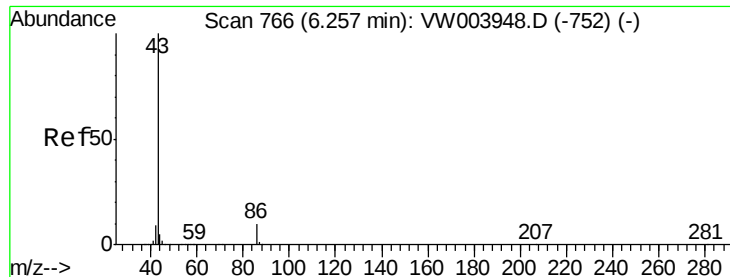
45 100

43 65.4 42.3 63.5#

87 28.7 19.9 29.9

59 11.7 8.7 13.1





#23

Vinyl Acetate

Concen: 27.204 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW004307.D

Acq: 29 Jul 2018 11:46

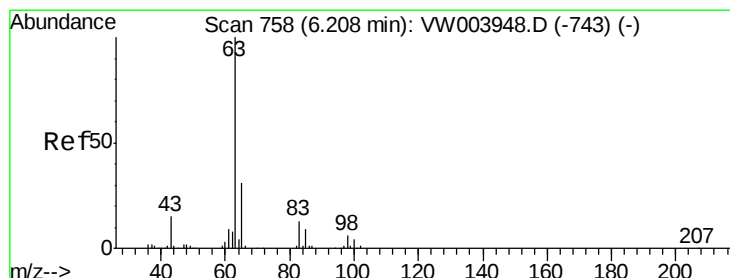
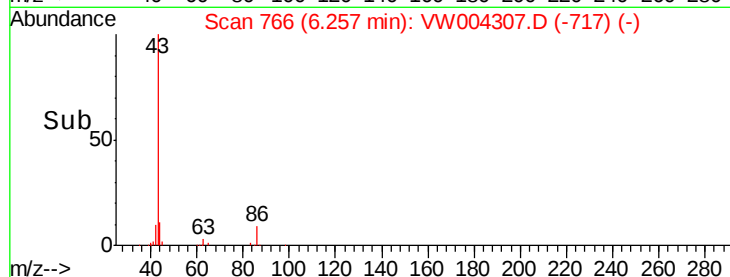
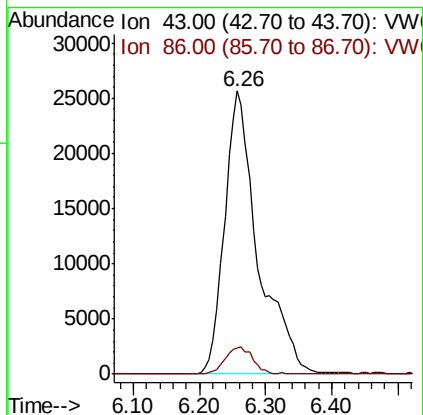
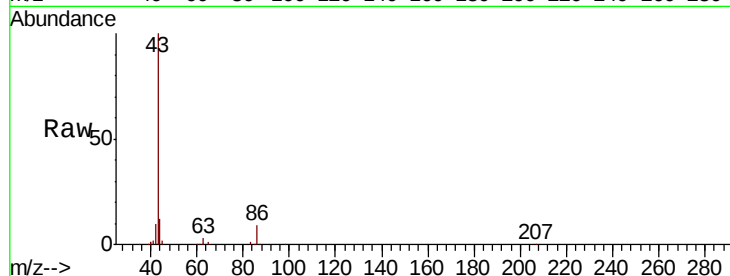
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 89835

Ion Ratio Lower Upper

43 100

86 9.4 7.7 11.5



#24

1,1-Dichloroethane

Concen: 7.137 ug/l

RT: 6.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VW004307.D

Acq: 29 Jul 2018 11:46

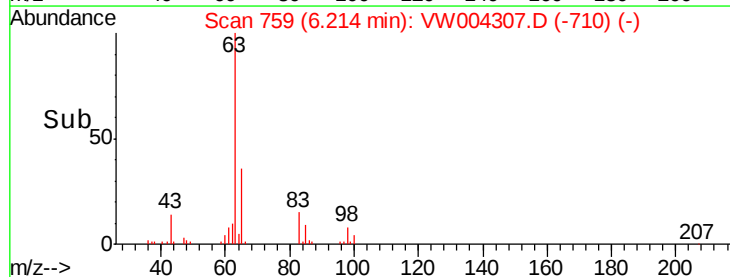
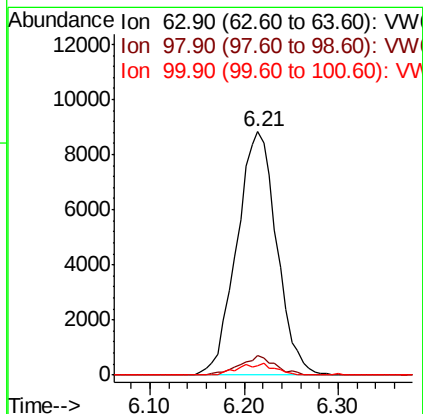
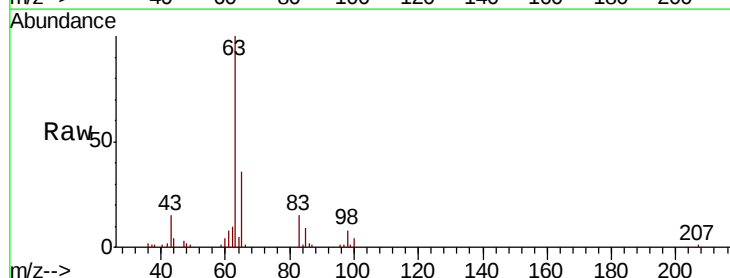
Tgt Ion: 63 Resp: 26163

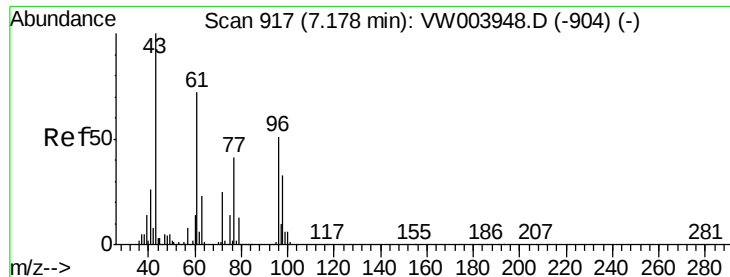
Ion Ratio Lower Upper

63 100

98 8.1 3.2 9.6

100 3.9 2.3 6.9





#25

2-Butanone

Concen: 20.362 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW004307.D

Acq: 29 Jul 2018 11:46

Instrument :

MSVOA_W

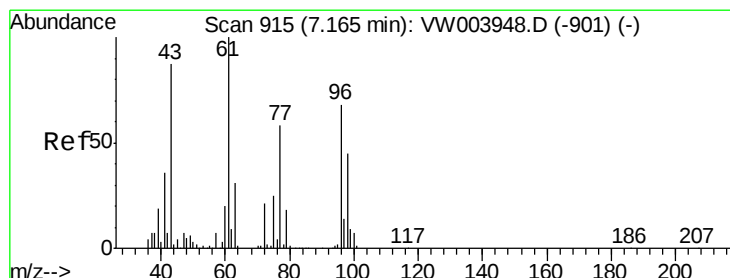
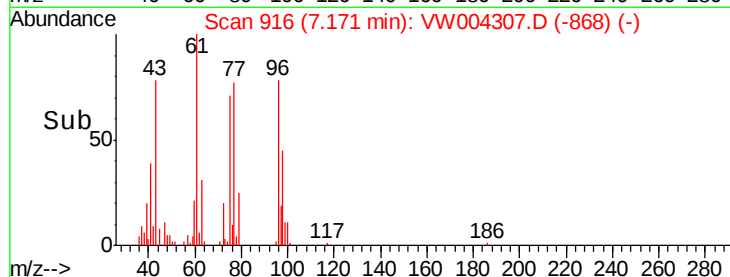
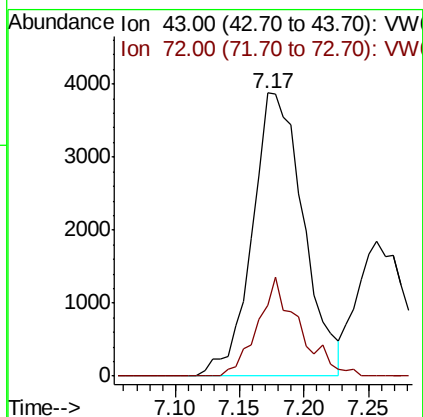
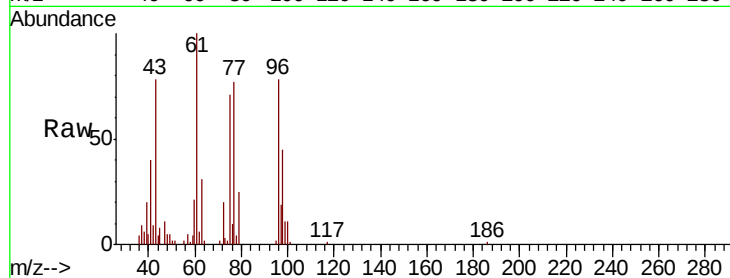
ClientSampleId :

Tot Ion: 43 Resp: 10723

Ion Ratio Lower Upper

43 100

72 25.2 20.3 30.5



#26

2,2-Dichloropropane

Concen: 5.406 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW004307.D

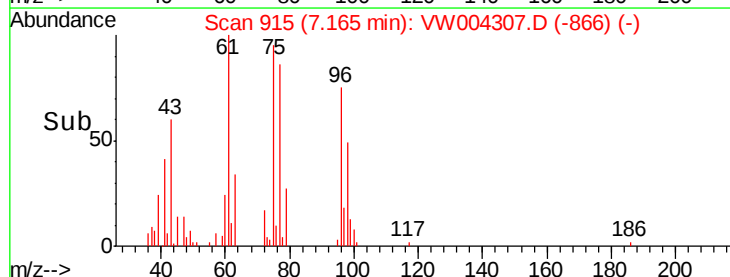
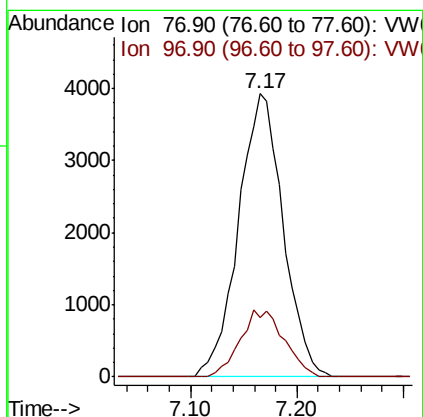
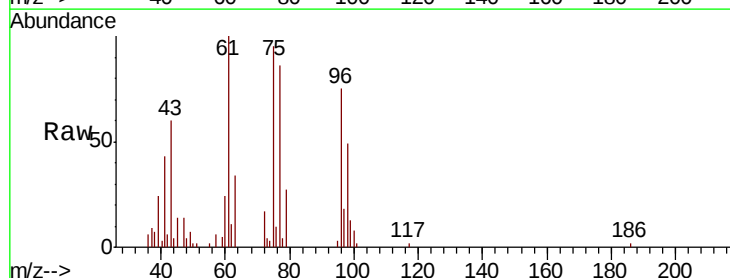
Acq: 29 Jul 2018 11:46

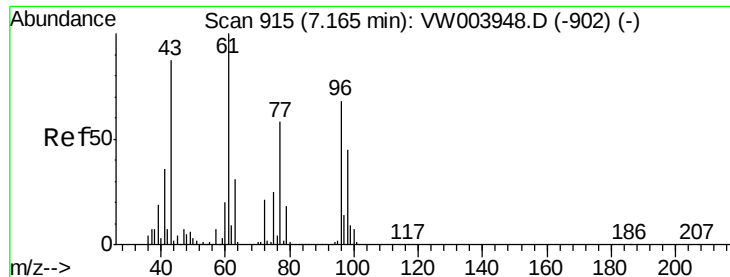
Tgt Ion: 77 Resp: 11497

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.1



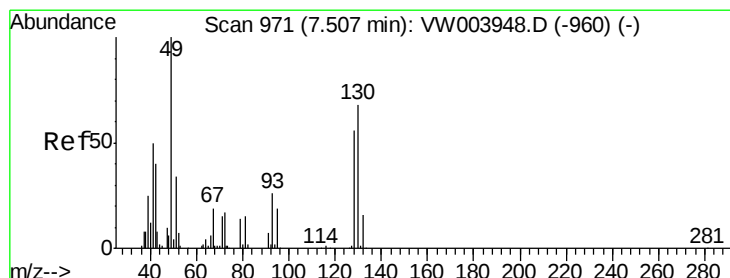
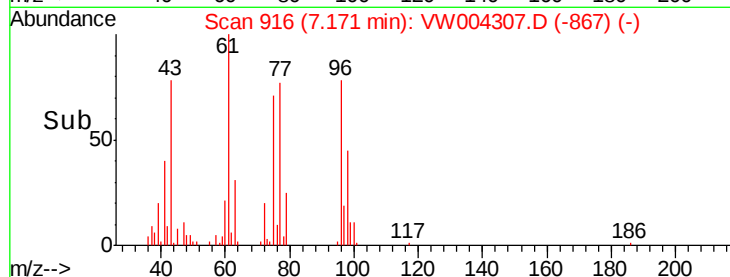
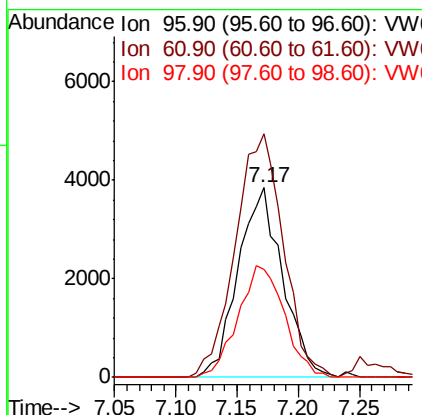
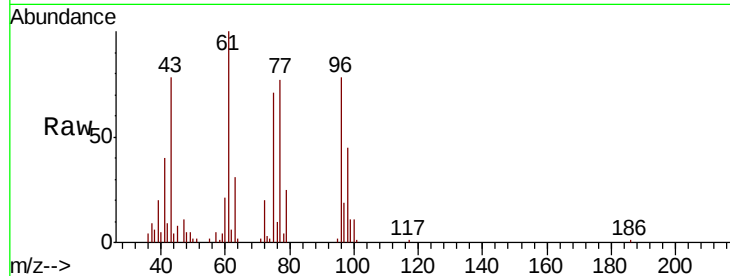


#27

cis-1,2-Dichloroethene
Concen: 4.772 ug/l
RT: 7.17 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW004307.D
Acq: 29 Jul 2018 11:46

Instrument :
MSVOA_W
ClientSampleId :

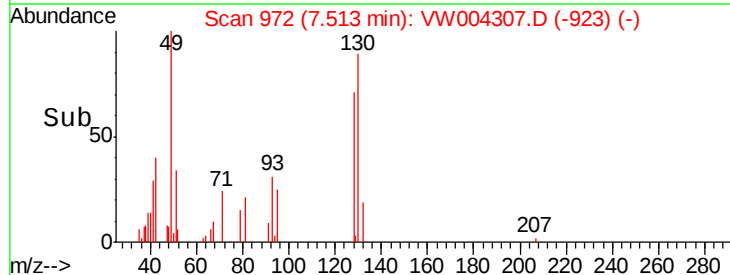
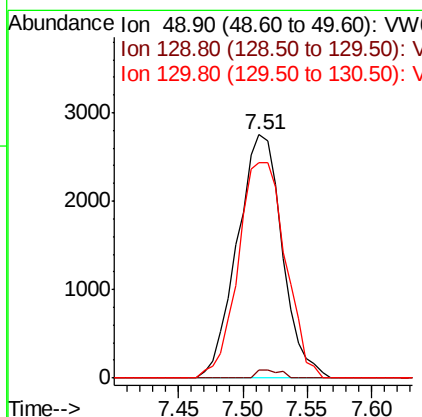
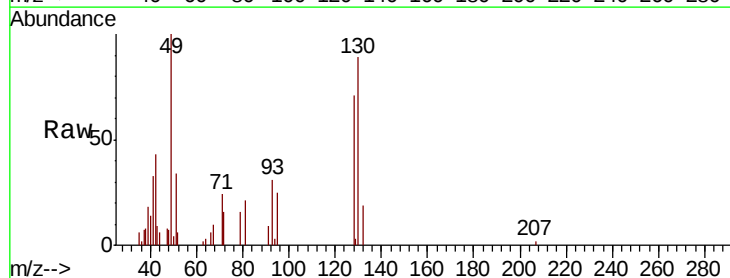
Tot Ion: 96 Resp: 9744
Ion Ratio Lower Upper
96 100
61 138.4 0.0 292.0
98 61.1 0.0 129.6

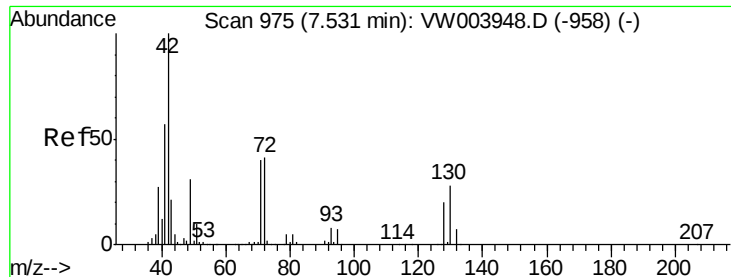


#28

Bromochloromethane
Concen: 5.182 ug/l
RT: 7.51 min Scan# 972
Delta R.T. -0.00 min
Lab File: VW004307.D
Acq: 29 Jul 2018 11:46

Tgt Ion: 49 Resp: 6657
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.6
130 93.3 61.5 92.3#

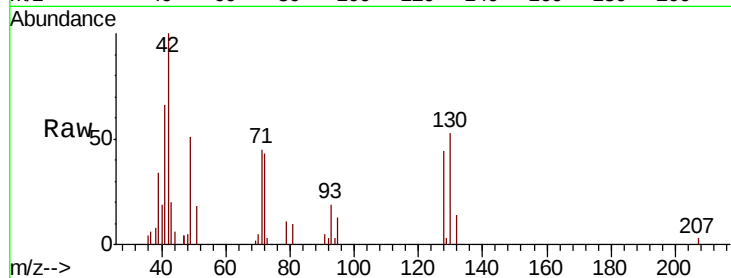




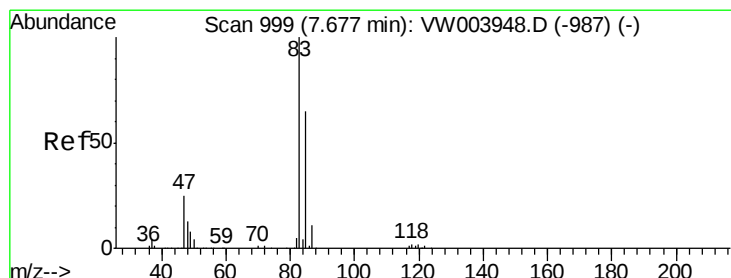
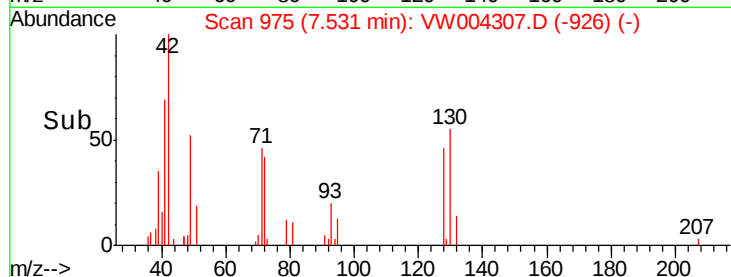
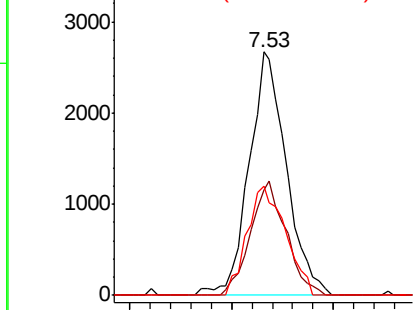
#29
Tetrahydrofuran
Concen: 20.122 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.00 min
Lab File: VW004307.D
Acq: 29 Jul 2018 11:46

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 42 Resp: 6781
Ion Ratio Lower Upper
42 100
72 44.9 32.6 48.8
71 46.0 31.3 46.9

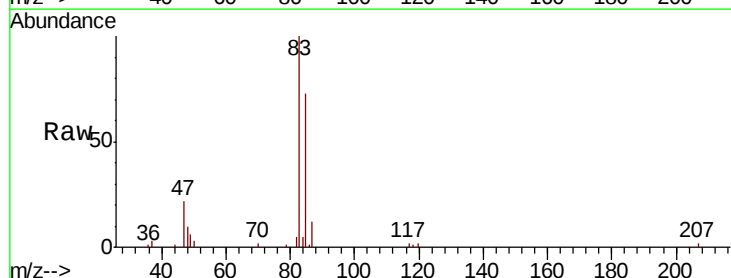


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

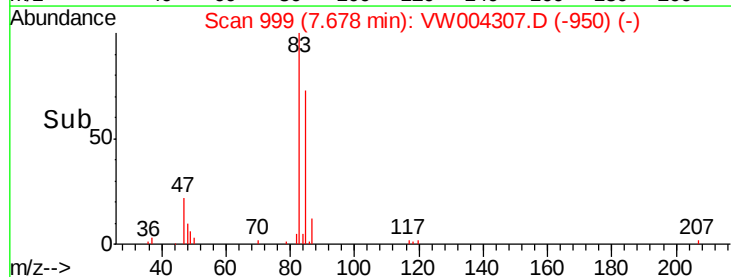
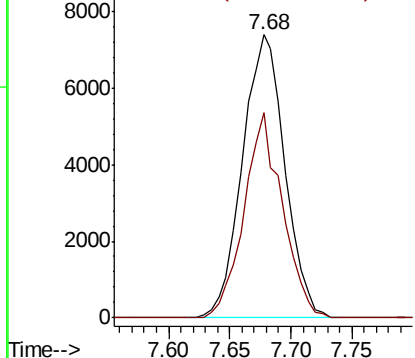


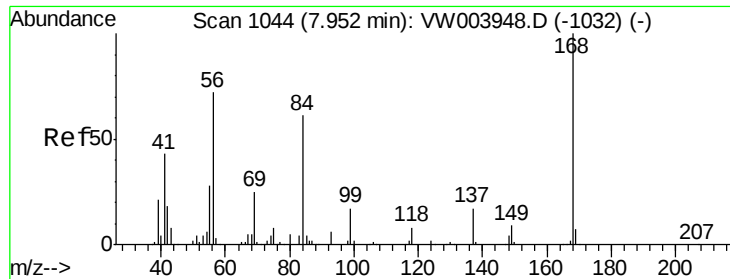
#30
Chloroform
Concen: 5.070 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW004307.D
Acq: 29 Jul 2018 11:46

Tgt Ion: 83 Resp: 17752
Ion Ratio Lower Upper
83 100
85 72.6 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW

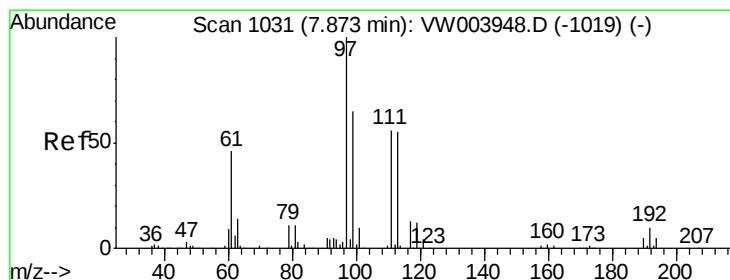
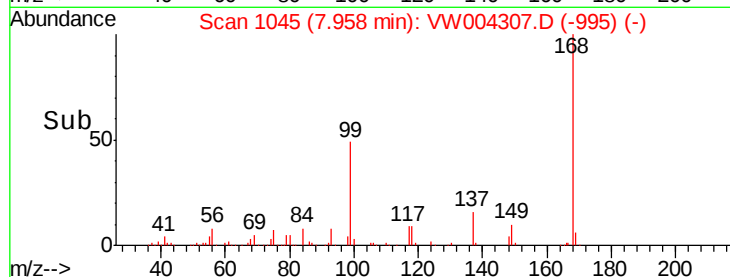
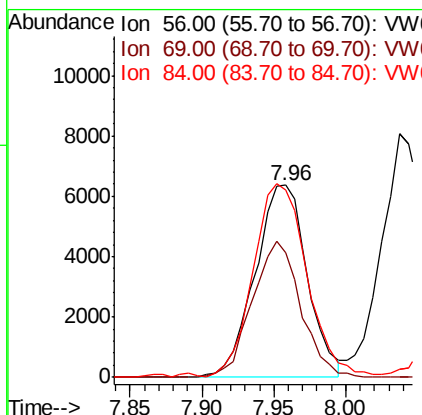
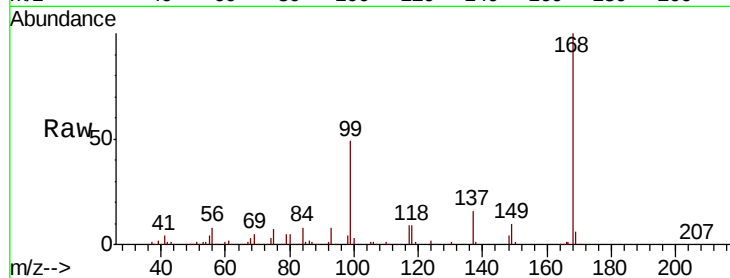




#31
Cyclohexane
Concen: 4.951 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.01 min
Lab File: VW004307.D
Acq: 29 Jul 2018 11:46

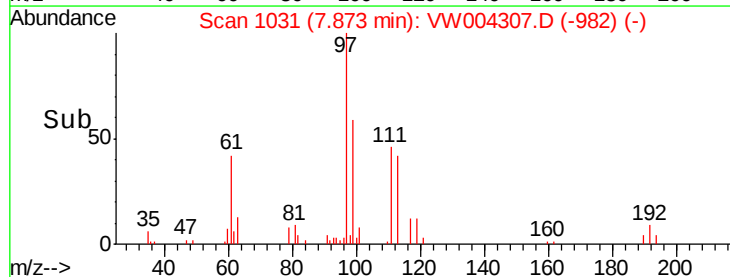
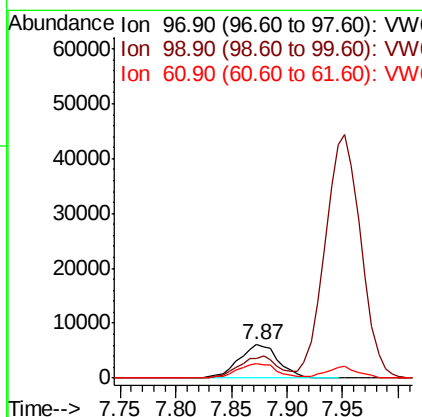
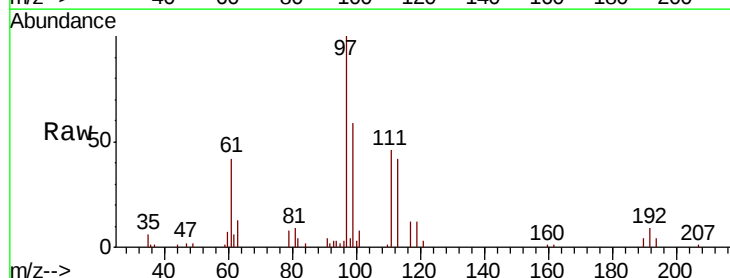
Instrument :
MSVOA_W
ClientSampled :

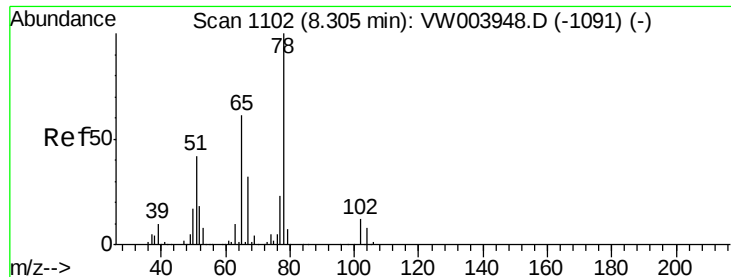
Tot Ion: 56 Resp: 16025
Ion Ratio Lower Upper
56 100
69 64.6 26.3 39.5#
84 95.8 66.2 99.4



#32
1,1,1-Trichloroethane
Concen: 5.274 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW004307.D
Acq: 29 Jul 2018 11:46

Tgt Ion: 97 Resp: 15166
Ion Ratio Lower Upper
97 100
99 63.6 51.7 77.5
61 43.7 34.8 52.2

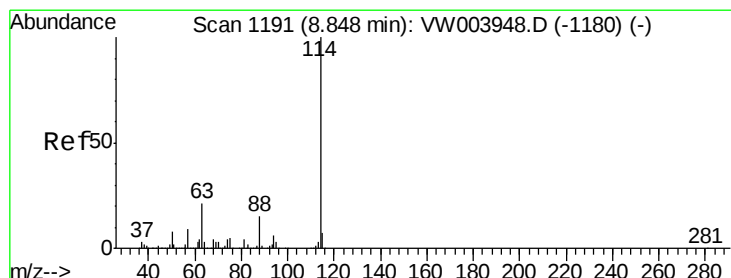
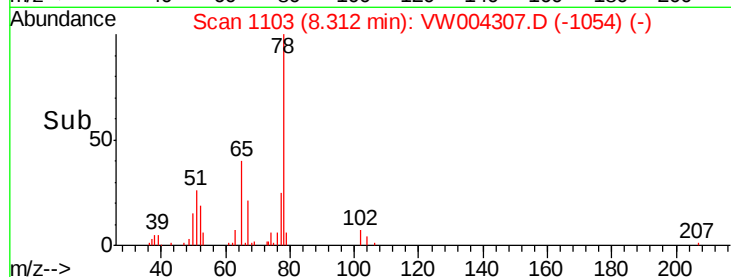
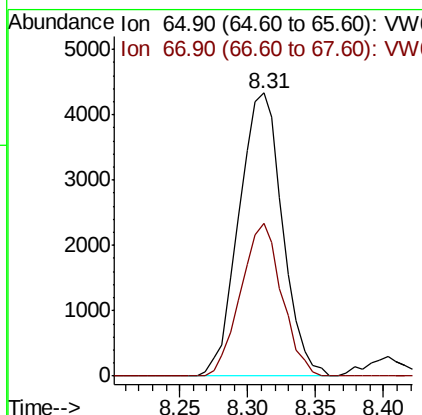
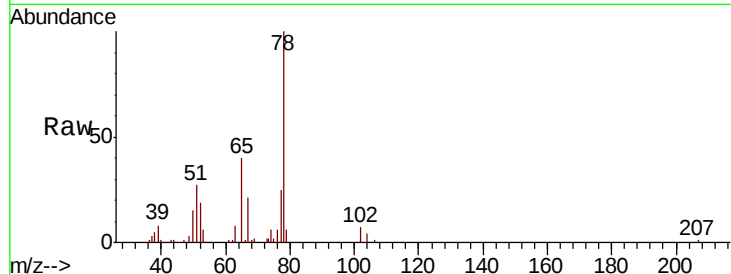




#33
 1,2-Dichloroethane-d4
 Concen: 5.118 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004307.D
 Acq: 29 Jul 2018 11:46

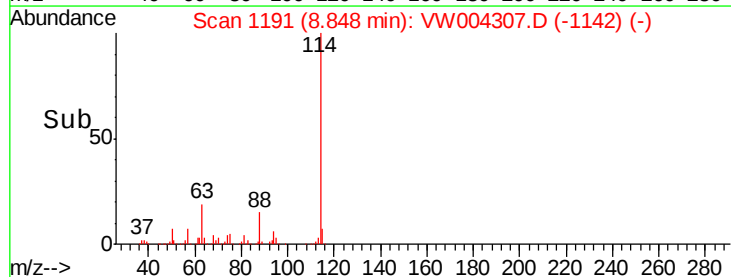
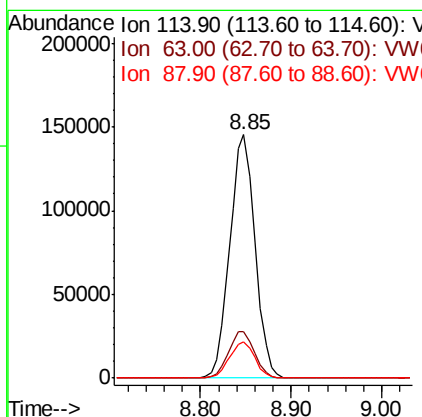
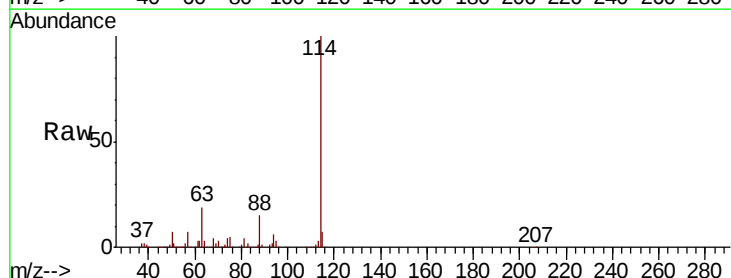
Instrument :
 MSVOA_W
 ClientSampled :

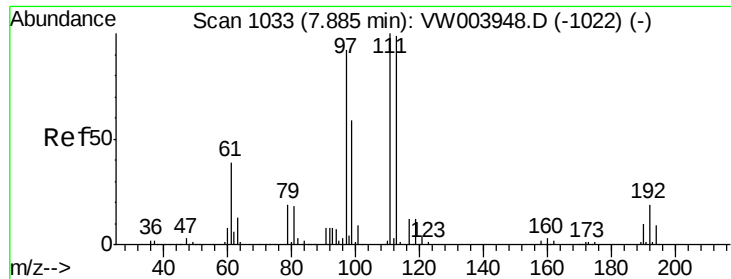
Tot Ion: 65 Resp: 9704
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004307.D
 Acq: 29 Jul 2018 11:46

Tgt Ion: 114 Resp: 279689
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 41.4
 88 15.1 0.0 30.6

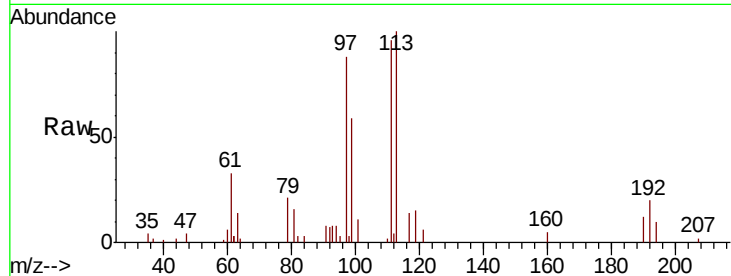




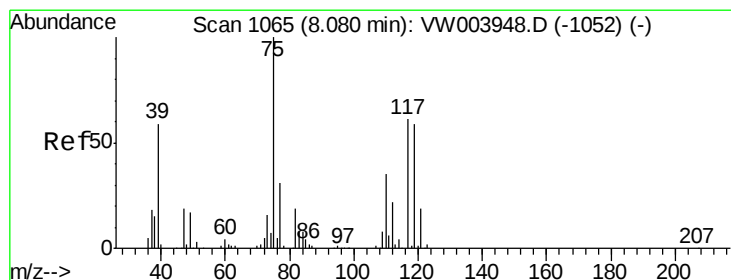
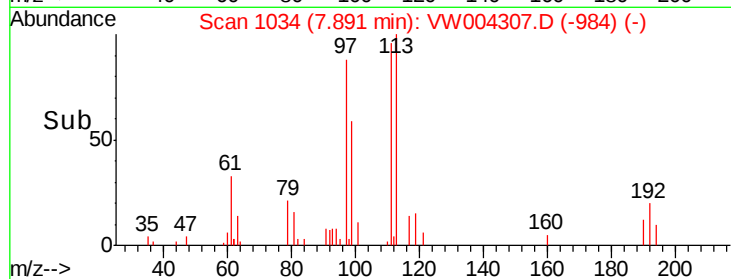
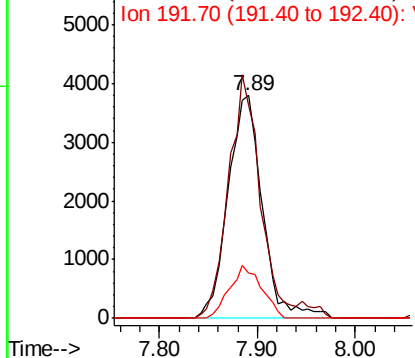
#35
 Dibromofluoromethane
 Concen: 5.221 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004307.D
 Acq: 29 Jul 2018 11:46

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:113 Resp: 9229
 Ion Ratio Lower Upper
 113 100
 111 100.4 82.1 123.1
 192 22.1 16.2 24.4

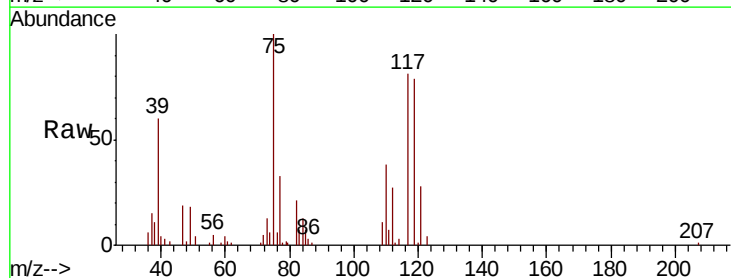


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

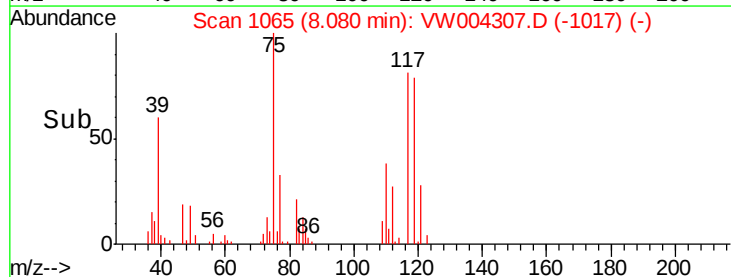
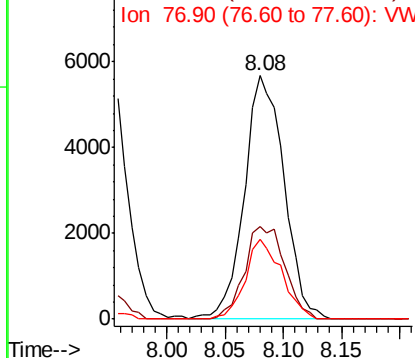


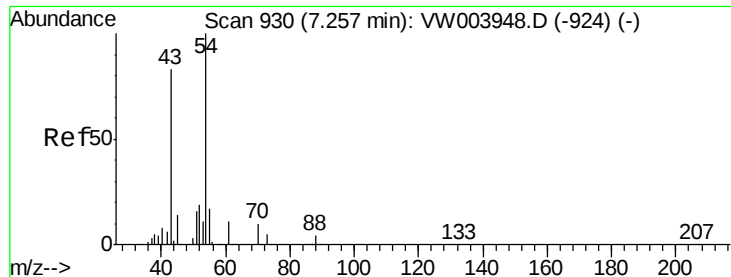
#36
 1,1-Dichloropropene
 Concen: 4.799 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: VW004307.D
 Acq: 29 Jul 2018 11:46

Tgt Ion: 75 Resp: 13427
 Ion Ratio Lower Upper
 75 100
 110 38.7 17.3 52.0
 77 30.2 25.0 37.6



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

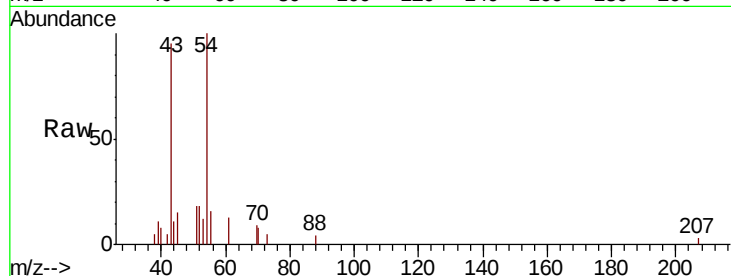




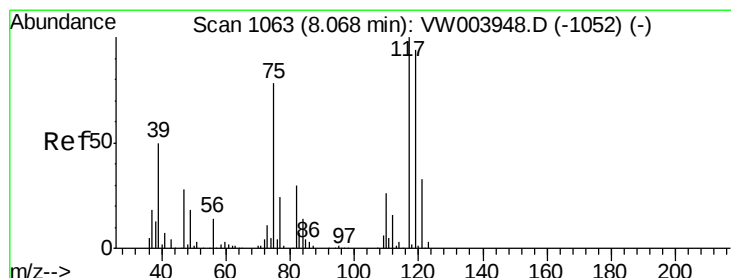
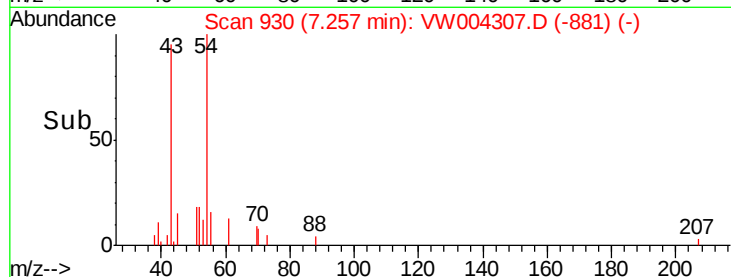
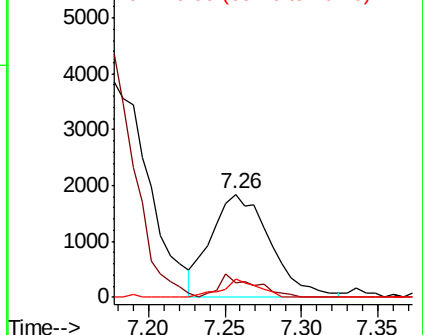
#37
Ethyl Acetate
Concen: 4.320 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW004307.D
Acq: 29 Jul 2018 11:46

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 4953
Ion Ratio Lower Upper
43 100
61 13.5 11.1 16.7
70 10.8 7.8 11.6

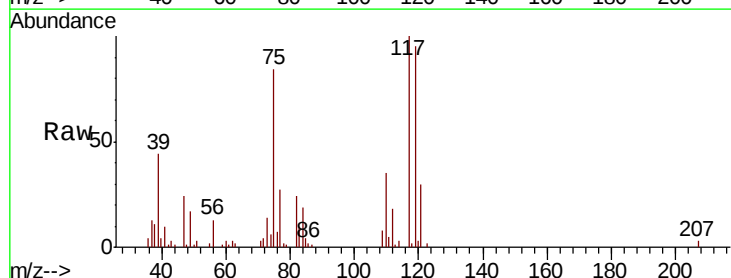


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

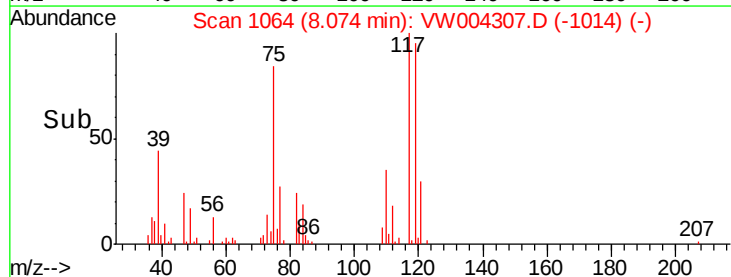
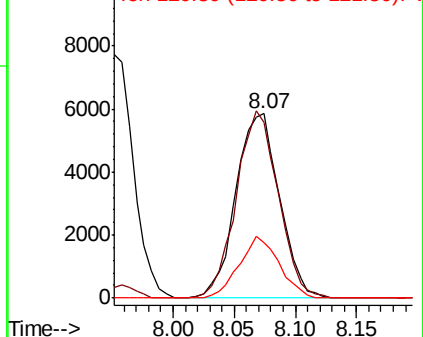


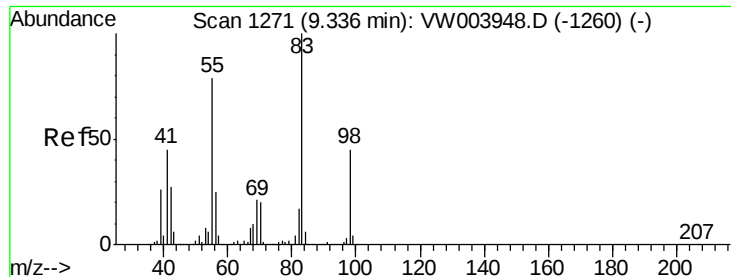
#38
Carbon Tetrachloride
Concen: 5.252 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VW004307.D
Acq: 29 Jul 2018 11:46

Tgt Ion: 117 Resp: 14509
Ion Ratio Lower Upper
117 100
119 95.4 79.7 119.5
121 30.0 25.7 38.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

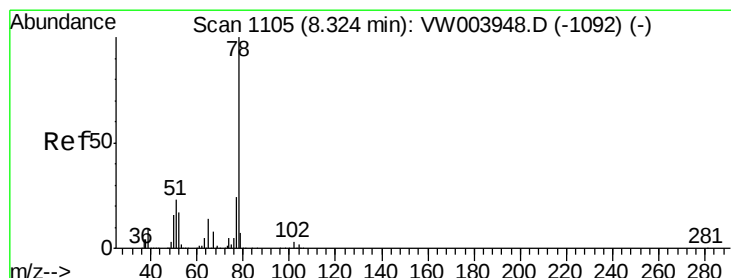
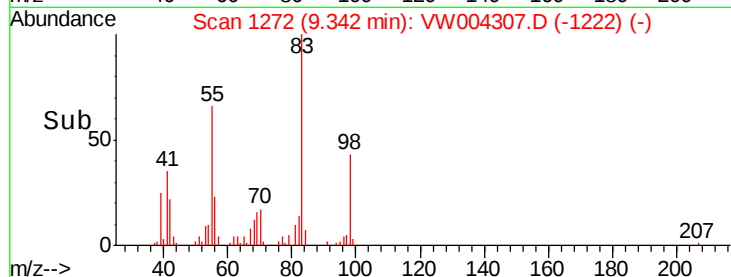
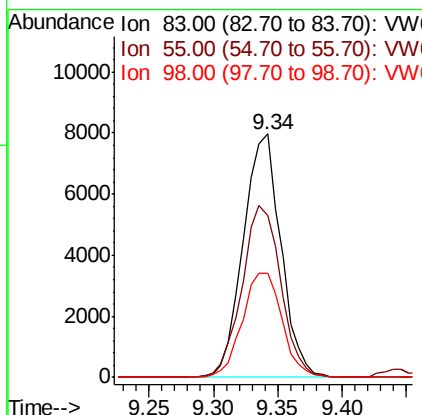
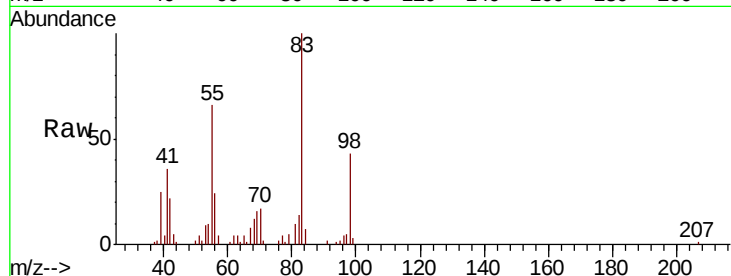




#39
Methvlcvclohexane
Concen: 4.769 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VW004307.D
Acq: 29 Jul 2018 11:46

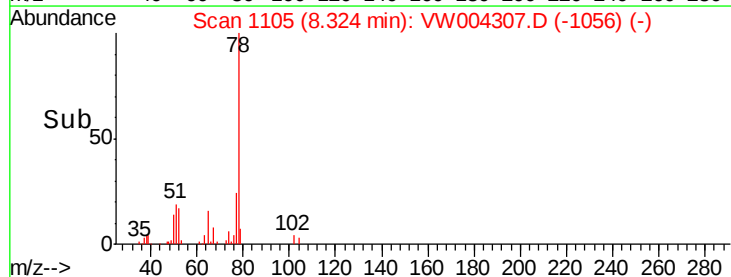
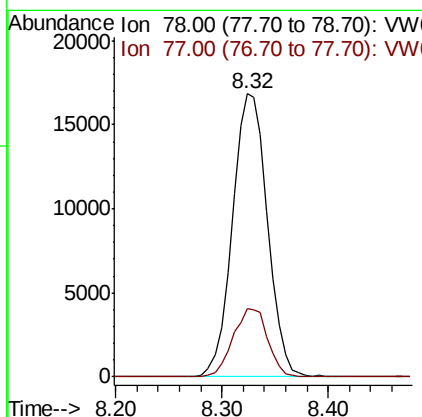
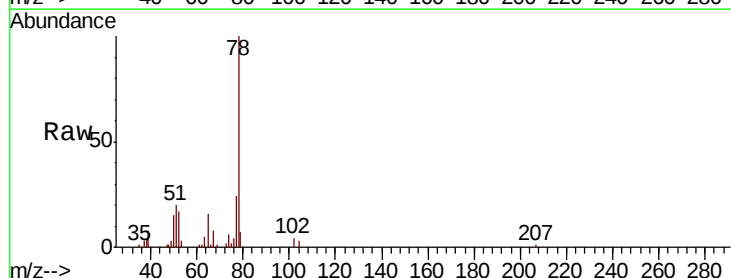
Instrument :
MSVOA_W
ClientSampled :

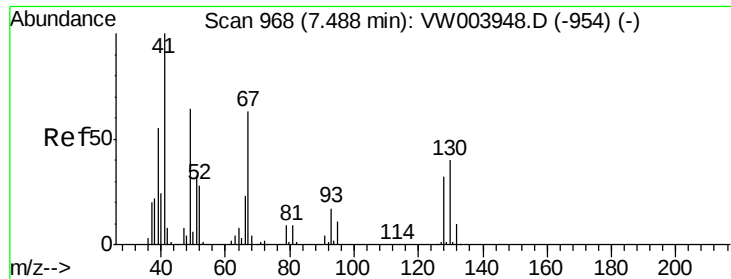
Tot Ion: 83 Resp: 16080
Ion Ratio Lower Upper
83 100
55 66.2 64.3 96.5
98 42.9 36.3 54.5



#40
Benzene
Concen: 4.919 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW004307.D
Acq: 29 Jul 2018 11:46

Tgt Ion: 78 Resp: 38722
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.0

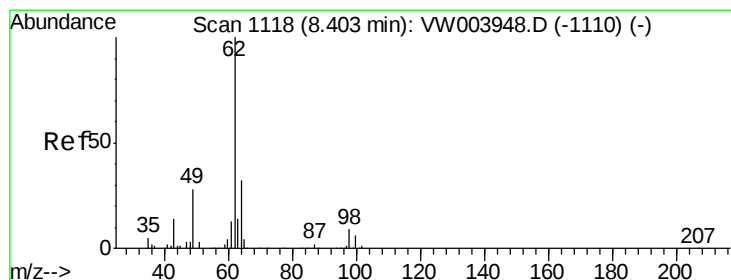
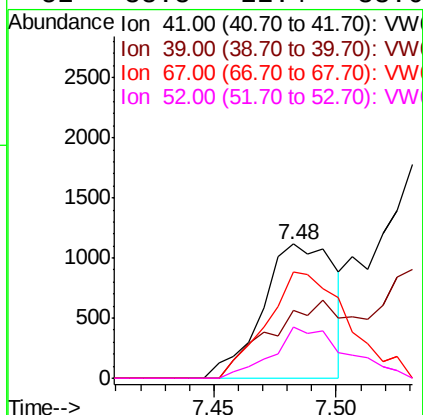
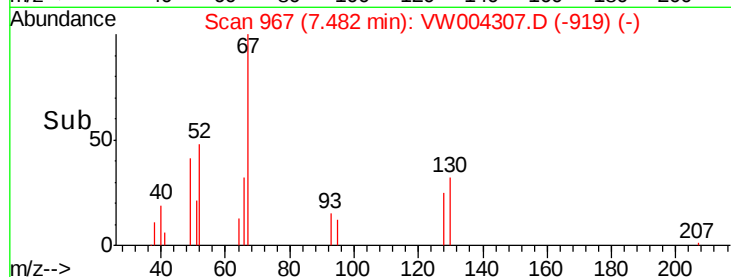
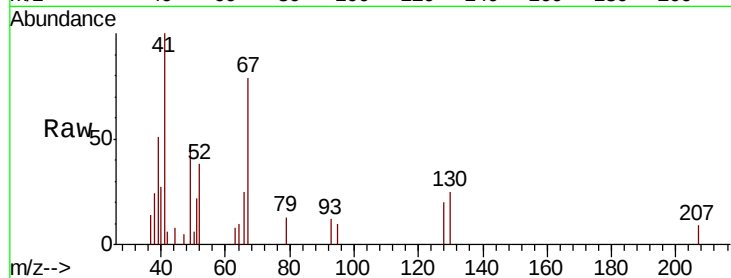




#41
Methacrylonitrile
Concen: 3.482 ug/l
RT: 7.48 min Scan# 967
Delta R.T. -0.01 min
Lab File: VW004307.D
Acq: 29 Jul 2018 11:46

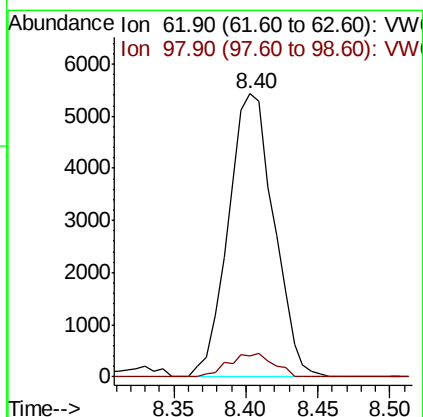
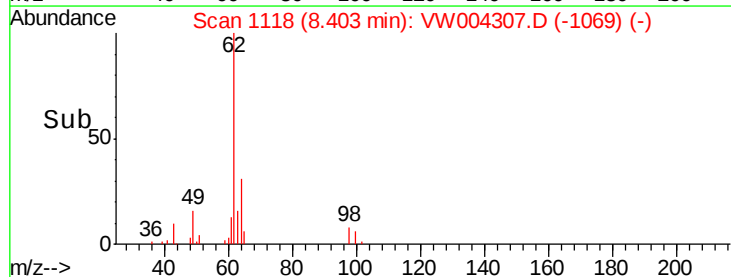
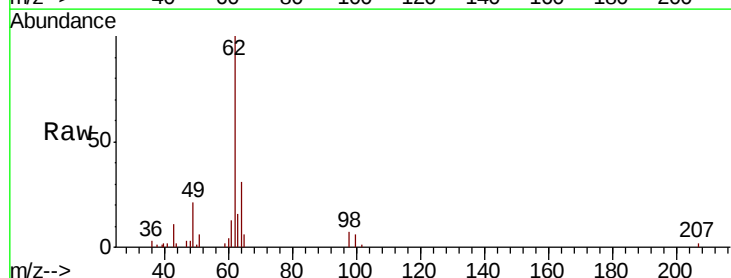
Instrument :
MSVOA_W
ClientSampled :

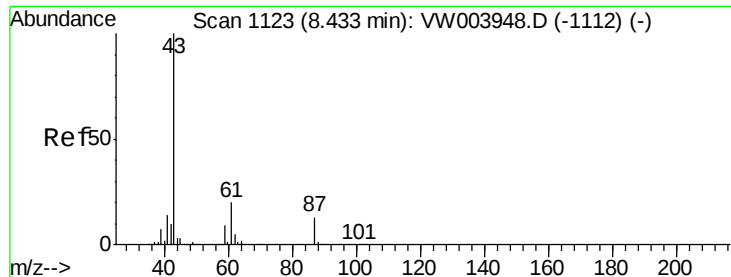
Tot Ion:	41	Resp:	2305
Ion	Ratio	Lower	Upper
41	100		
39	70.2	41.2	61.8#
67	89.7	53.4	80.0#
52	38.8	22.4	33.6#



#42
1,2-Dichloroethane
Concen: 5.317 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW004307.D
Acq: 29 Jul 2018 11:46

Tgt Ion:	62	Resp:	11965
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	18.4





#43

Isopropyl Acetate

Concen: 4.246 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VW004307.D

Acq: 29 Jul 2018 11:46

Instrument :
MSVOA_W
ClientSampled :

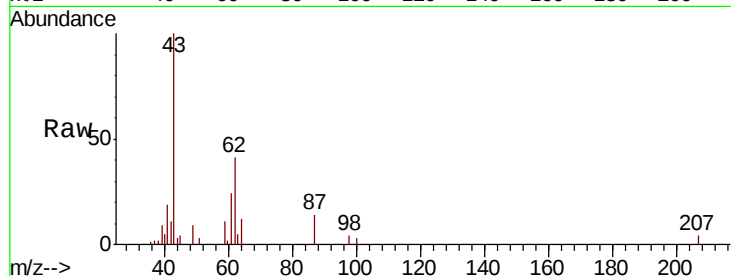
Tot Ion: 43 Resp: 8775

Ion Ratio Lower Upper

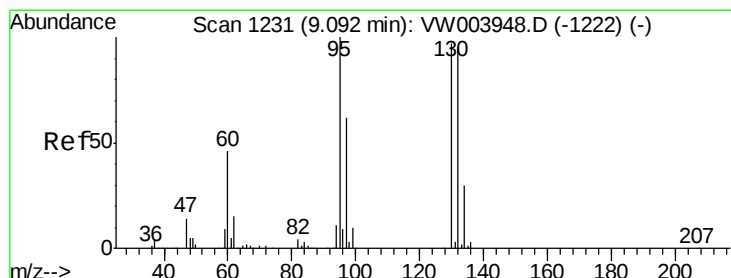
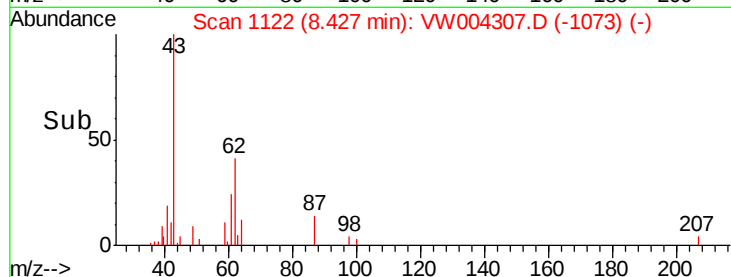
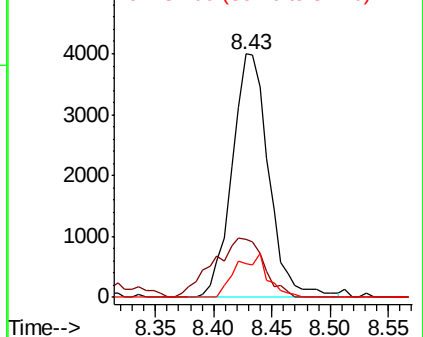
43 100

61 33.6 24.5 36.7

87 15.4 10.4 15.6



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: 5.327 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VW004307.D

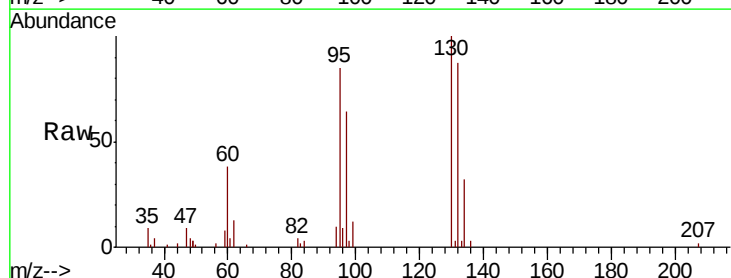
Acq: 29 Jul 2018 11:46

Tgt Ion: 130 Resp: 11321

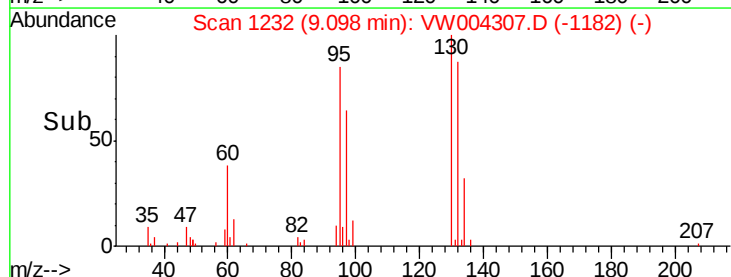
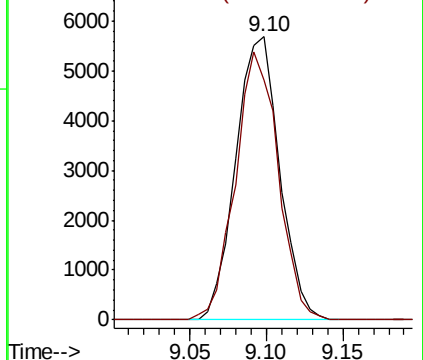
Ion Ratio Lower Upper

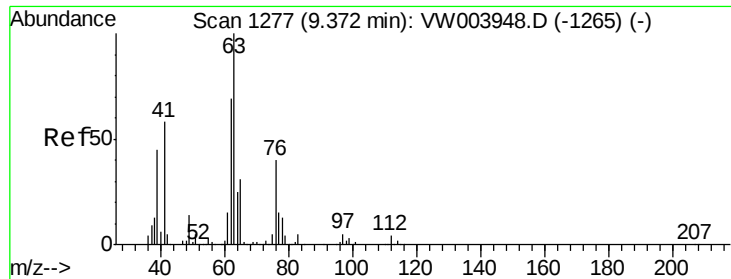
130 100

95 84.9 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW

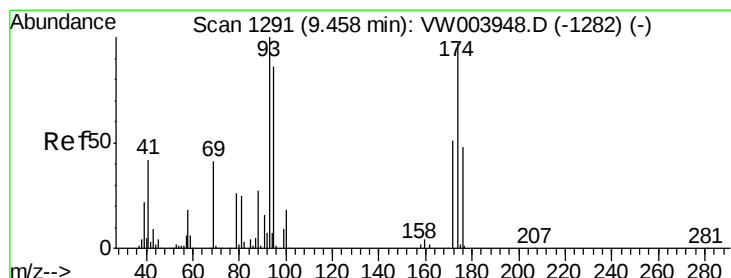
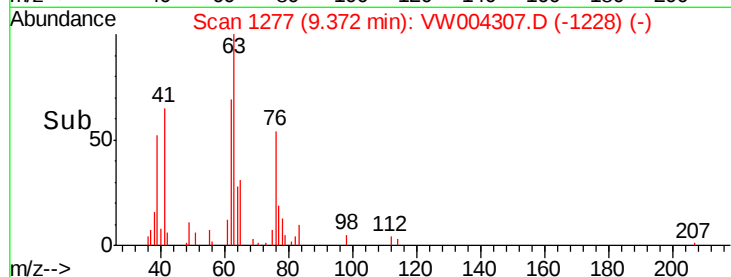
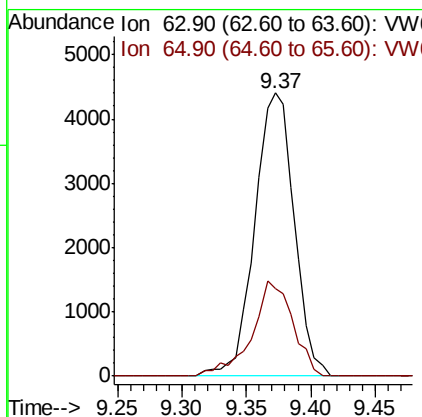
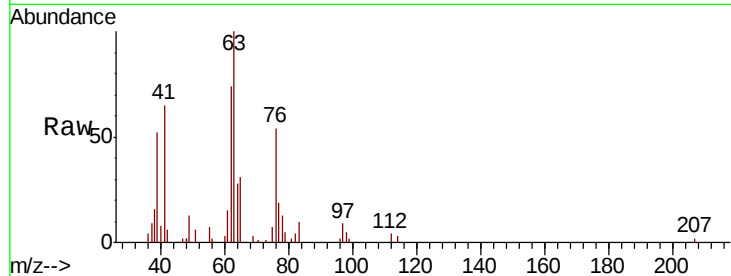




#45
 1,2-Dichloropropane
 Concen: 4.770 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW004307.D
 Acq: 29 Jul 2018 11:46

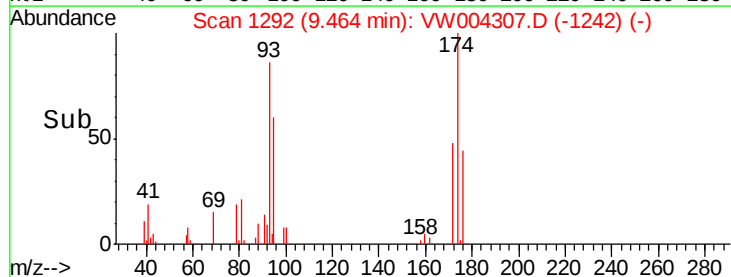
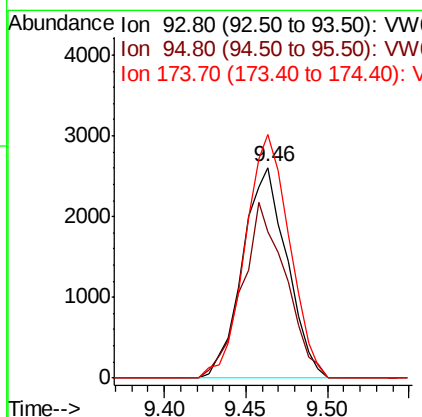
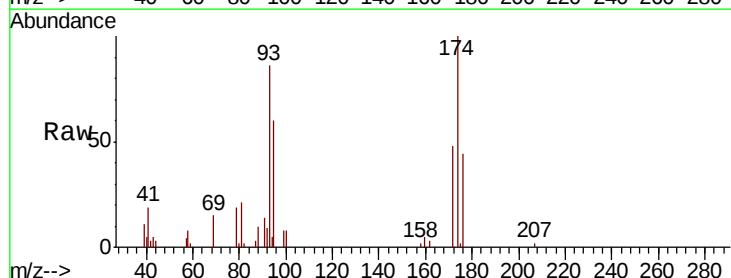
Instrument :
 MSVOA_W
 ClientSampleId :

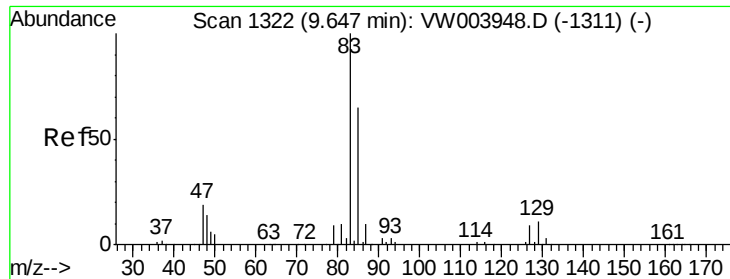
Tot Ion: 63 Resp: 9317
 Ion Ratio Lower Upper
 63 100
 65 31.1 23.9 35.9



#46
 Dibromomethane
 Concen: 4.945 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: VW004307.D
 Acq: 29 Jul 2018 11:46

Tgt Ion: 93 Resp: 4932
 Ion Ratio Lower Upper
 93 100
 95 82.0 65.8 98.8
 174 115.0 83.7 125.5





#47

Bromodichloromethane

Concen: 5.121 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW004307.D

Acq: 29 Jul 2018 11:46

Instrument :

MSVOA_W

ClientSampleId :

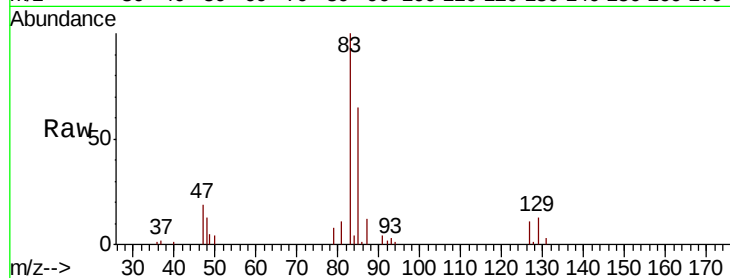
Tot Ion: 83 Resp: 12954

Ion Ratio Lower Upper

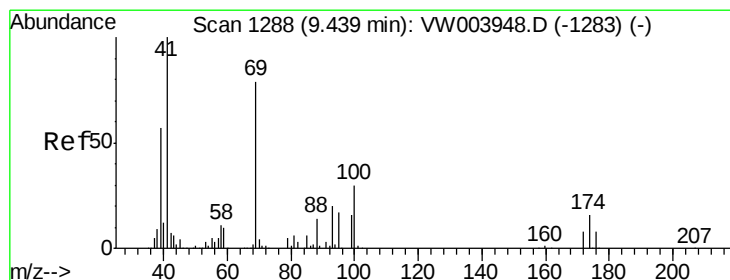
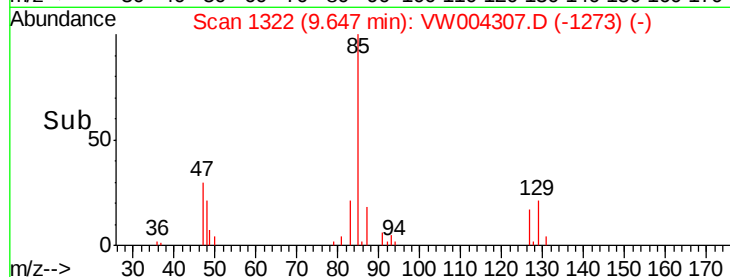
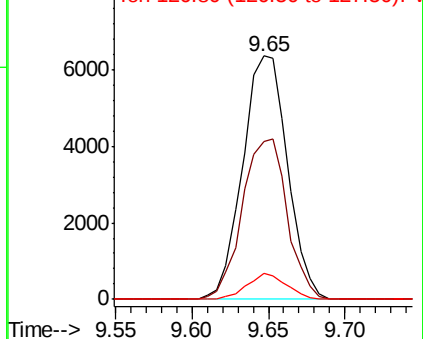
83 100

85 64.8 51.3 76.9

127 10.9 6.6 9.8#



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: 4.075 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VW004307.D

Acq: 29 Jul 2018 11:46

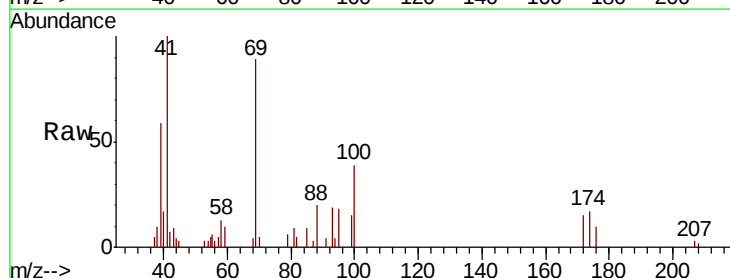
Tgt Ion: 41 Resp: 4289

Ion Ratio Lower Upper

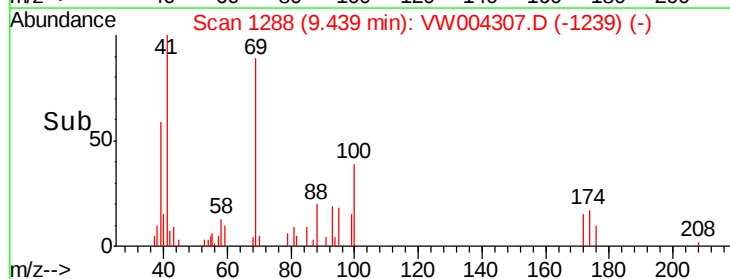
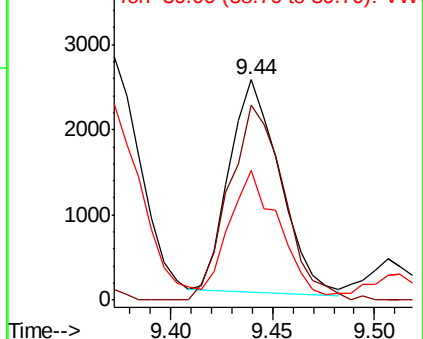
41 100

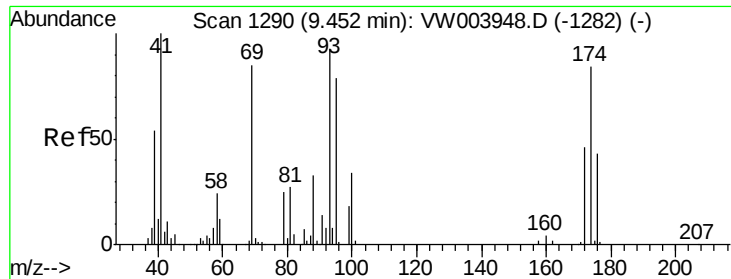
69 100.0 69.7 104.5

39 60.5 41.8 62.8



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

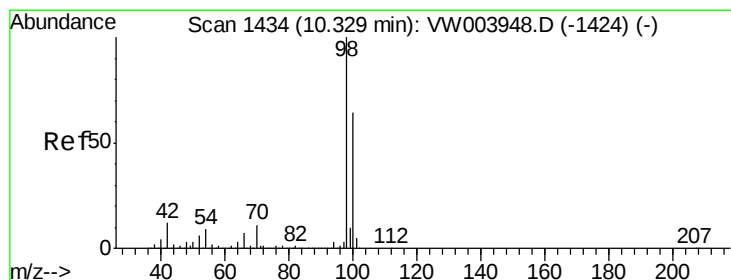
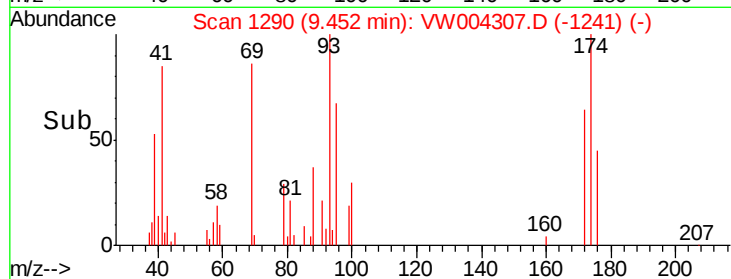
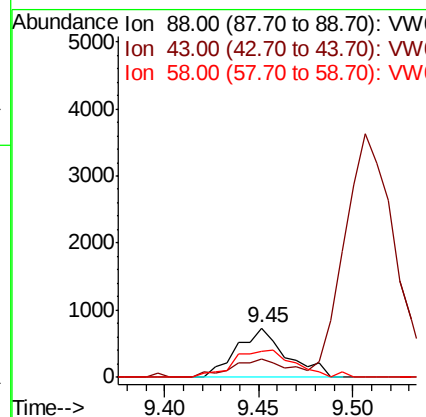
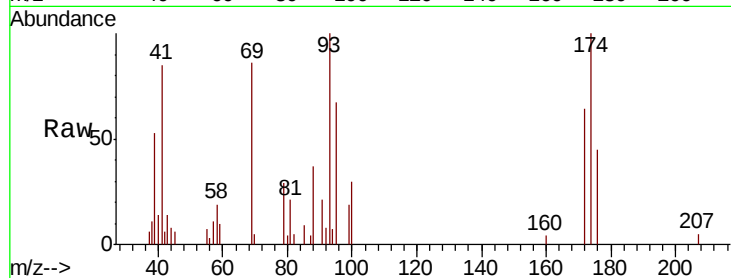




#49
1,4-Dioxane
Concen: 88.627 ug/l
RT: 9.45 min Scan# 1290
Delta R.T. -0.00 min
Lab File: VW004307.D
Acq: 29 Jul 2018 11:46

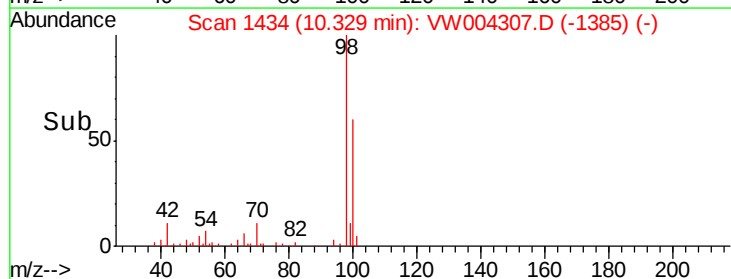
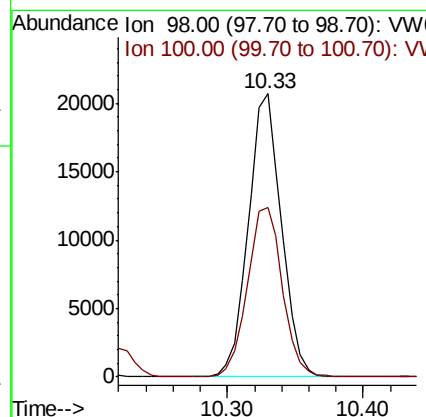
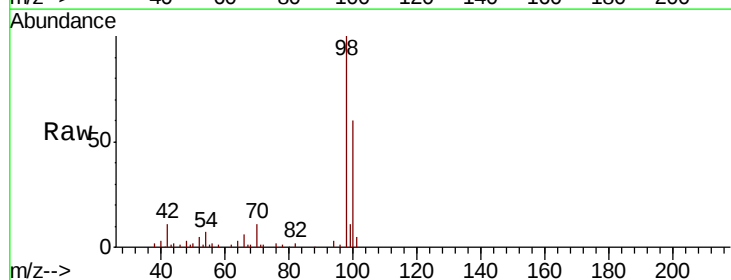
Instrument :
MSVOA_W
ClientSampleId :

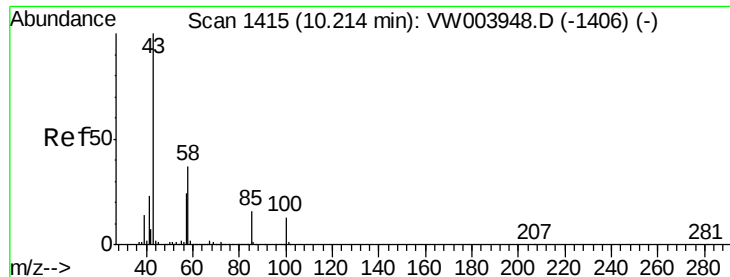
Tot Ion: 88 Resp: 1340
Ion Ratio Lower Upper
88 100
43 43.4 28.3 42.5#
58 68.0 60.2 90.4



#50
Toluene-d8
Concen: 5.050 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW004307.D
Acq: 29 Jul 2018 11:46

Tgt Ion: 98 Resp: 35277
Ion Ratio Lower Upper
98 100
100 62.6 51.5 77.3

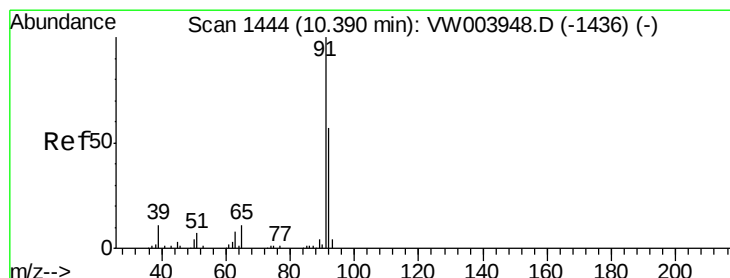
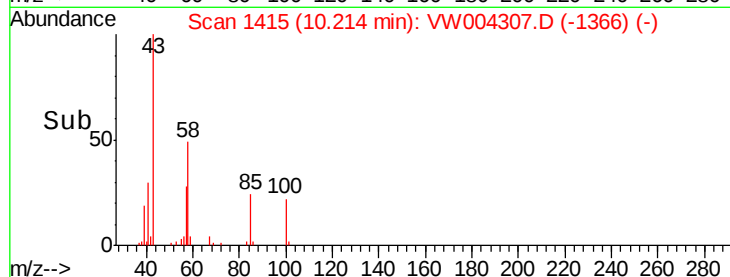
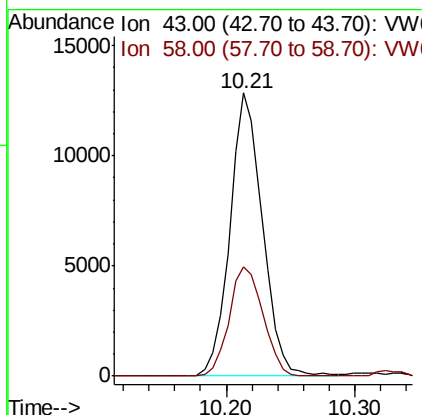
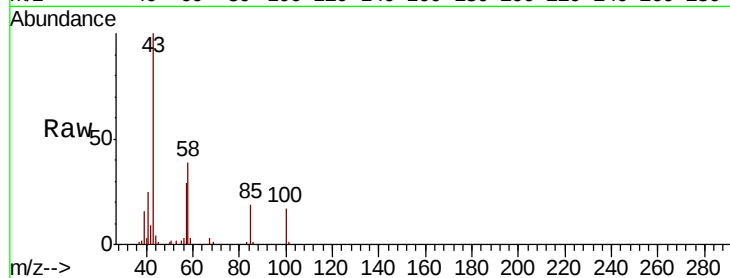




#51
 4-Methyl-2-Pentanone
 Concen: 19.922 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VW004307.D
 Acq: 29 Jul 2018 11:46

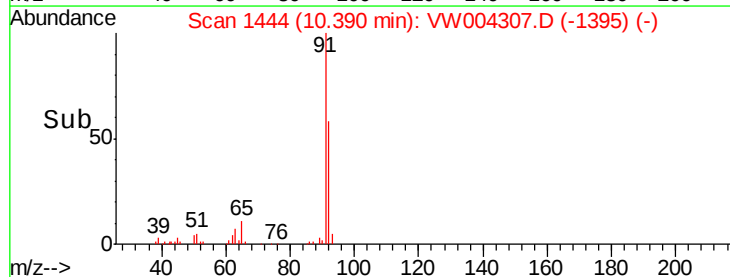
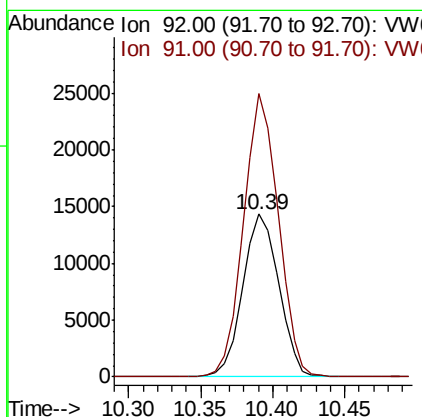
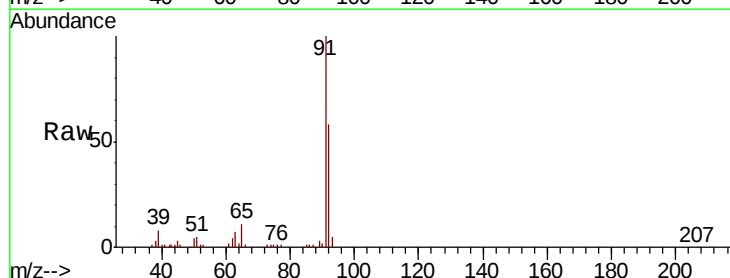
Instrument :
 MSVOA_W
 ClientSampled :

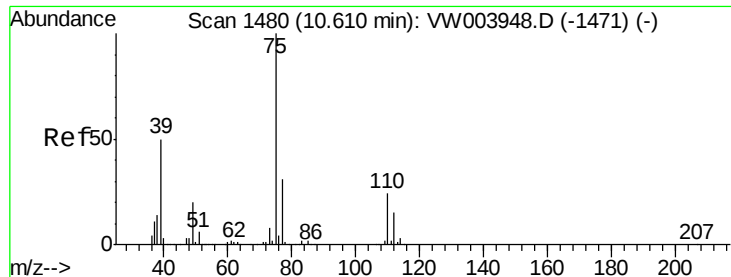
Tot Ion: 43 Resp: 22594
 Ion Ratio Lower Upper
 43 100
 58 40.1 30.6 45.8



#52
 Toluene
 Concen: 5.020 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: VW004307.D
 Acq: 29 Jul 2018 11:46

Tgt Ion: 92 Resp: 24808
 Ion Ratio Lower Upper
 92 100
 91 168.3 139.0 208.4





#53

t-1,3-Dichloropropene

Concen: 4.885 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW004307.D

Acq: 29 Jul 2018 11:46

Instrument :

MSVOA_W

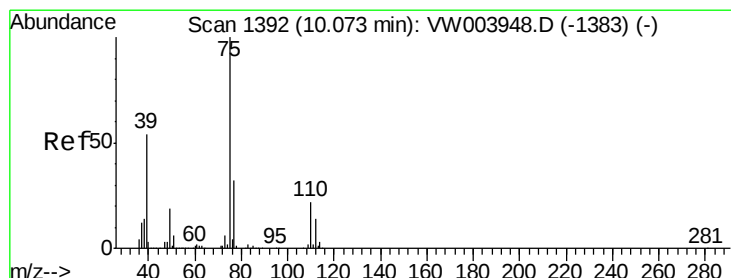
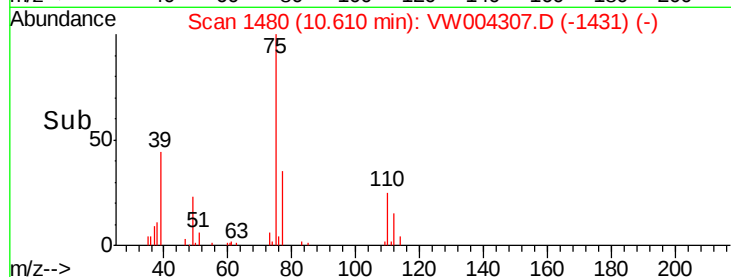
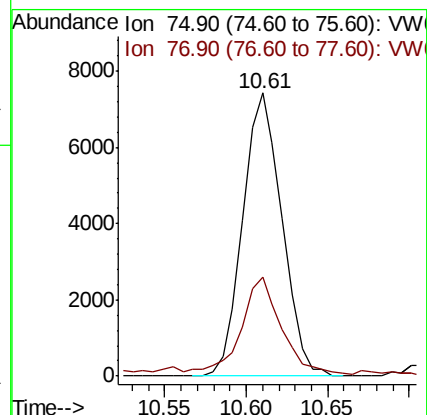
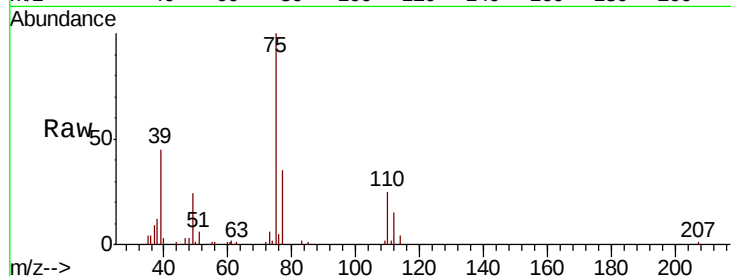
ClientSampleId :

Tot Ion: 75 Resp: 12376

Ion Ratio Lower Upper

75 100

77 33.8 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 4.619 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW004307.D

Acq: 29 Jul 2018 11:46

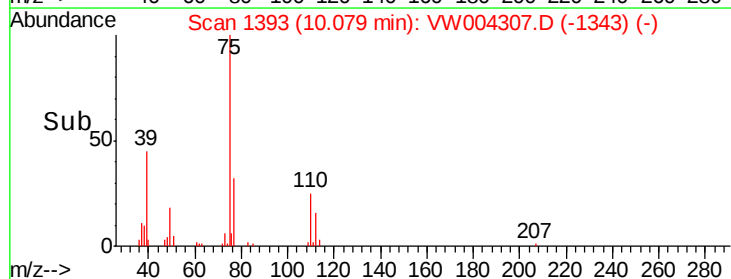
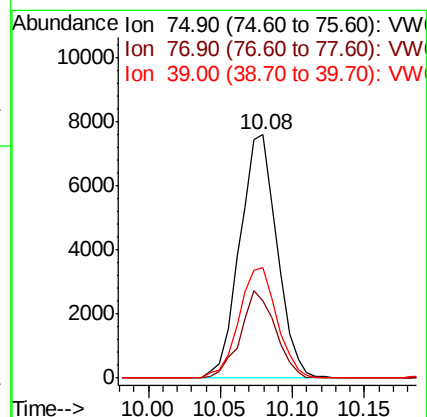
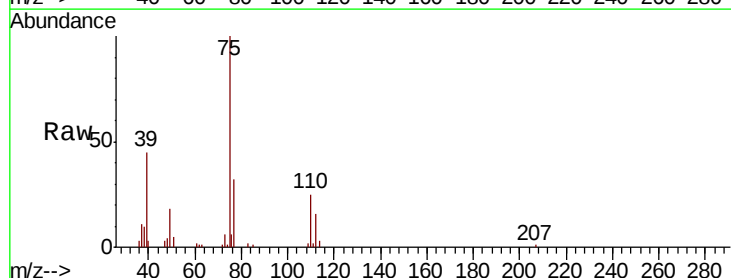
Tgt Ion: 75 Resp: 13644

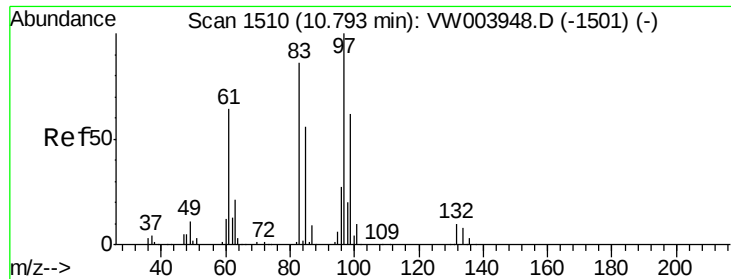
Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.4

39 45.4 39.0 58.6



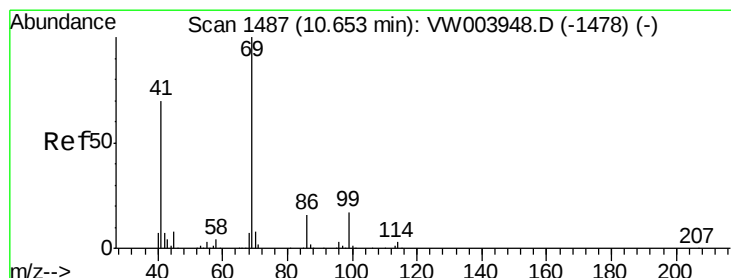
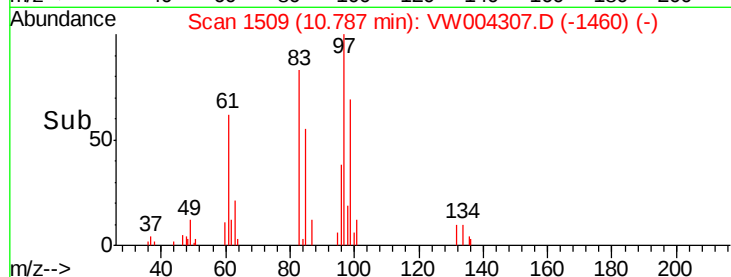
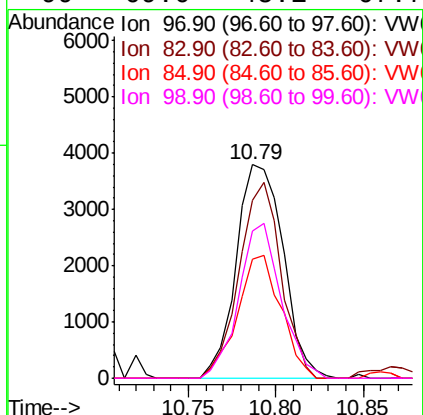
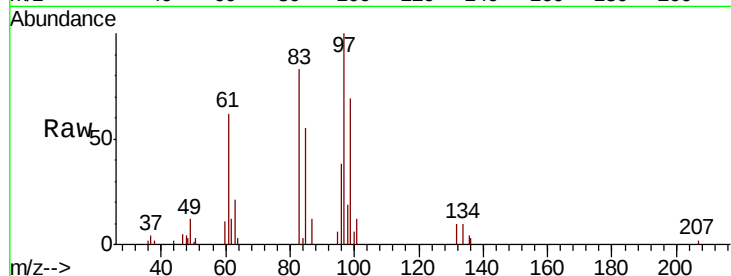


#55
 1,1,2-Trichloroethane
 Concen: 5.001 ug/l
 RT: 10.79 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VW004307.D
 Acq: 29 Jul 2018 11:46

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 97 Resp: 7107

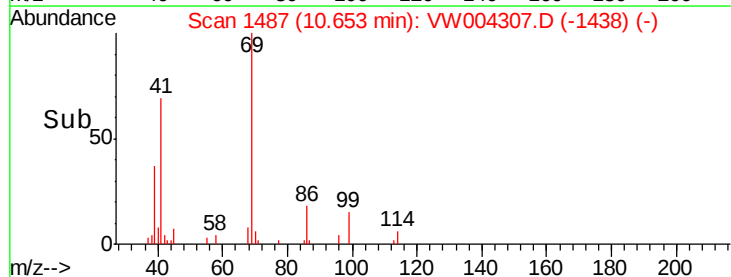
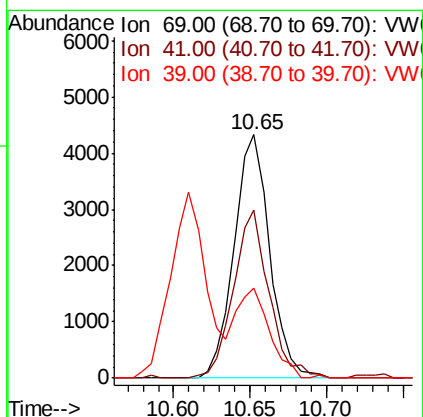
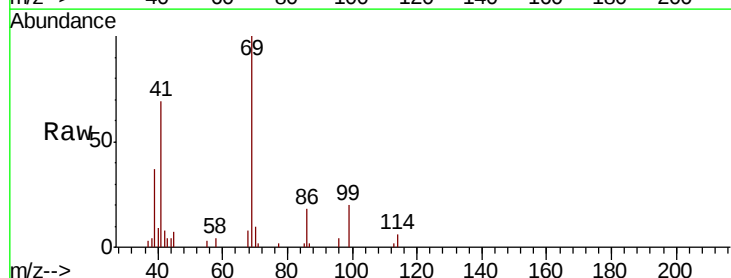
Ion	Ratio	Lower	Upper
97	100		
83	83.4	70.8	106.2
85	55.5	43.7	65.5
99	69.0	45.1	67.7#

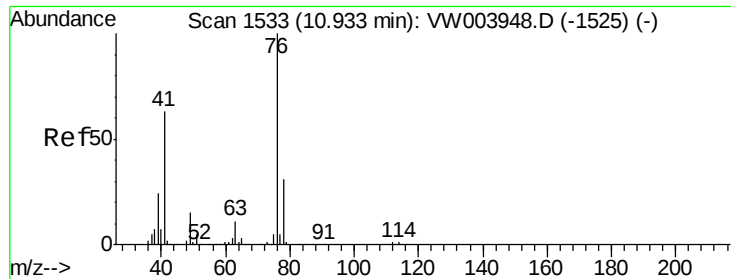


#56
 Ethyl methacrylate
 Concen: 4.072 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW004307.D
 Acq: 29 Jul 2018 11:46

Tgt Ion: 69 Resp: 7003

Ion	Ratio	Lower	Upper
69	100		
41	68.7	54.7	82.1
39	34.4	24.4	36.6

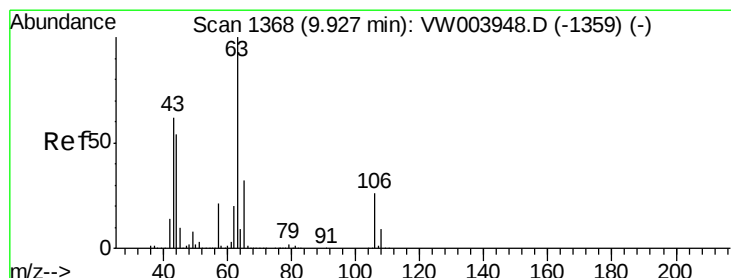
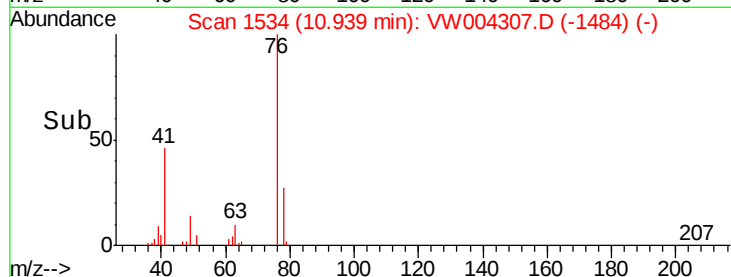
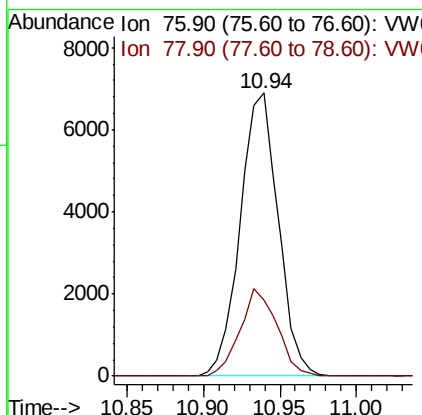
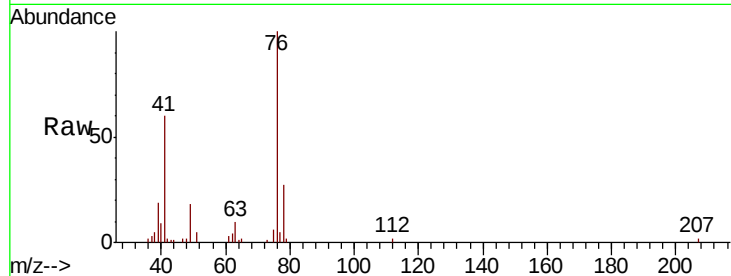




#57
 1,3-Dichloropropane
 Concen: 4.923 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: VW004307.D
 Acq: 29 Jul 2018 11:46

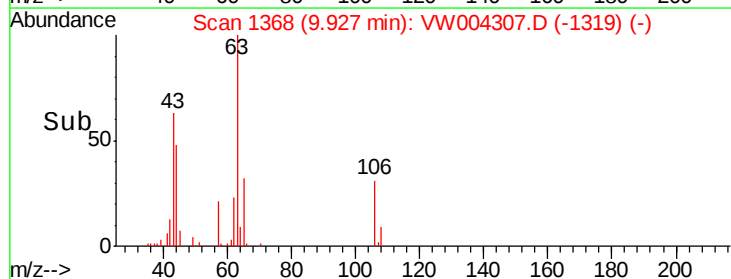
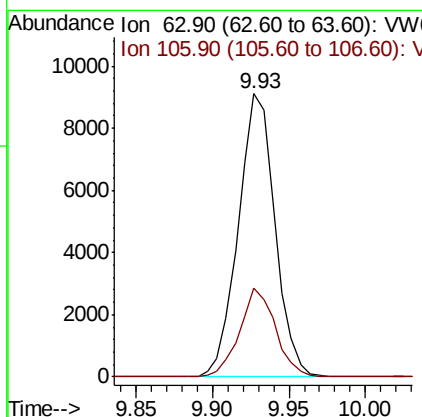
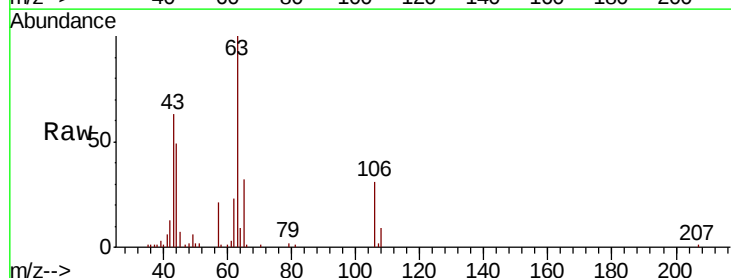
Instrument :
 MSVOA_W
 ClientSampleId :

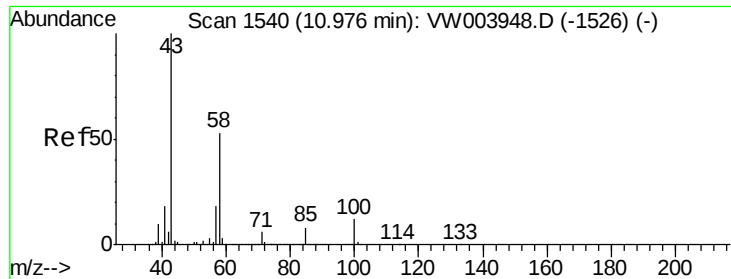
Tot Ion: 76 Resp: 11919
 Ion Ratio Lower Upper
 76 100
 78 30.0 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 19.842 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VW004307.D
 Acq: 29 Jul 2018 11:46

Tgt Ion: 63 Resp: 15157
 Ion Ratio Lower Upper
 63 100
 106 30.6 21.9 32.9

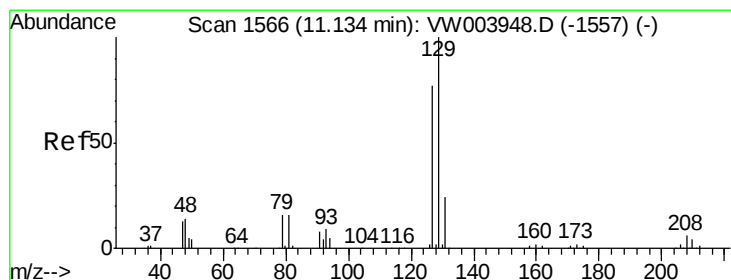
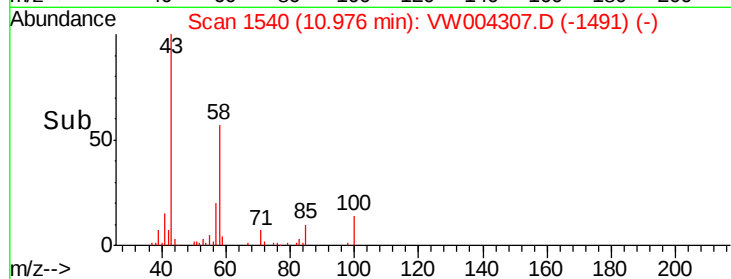
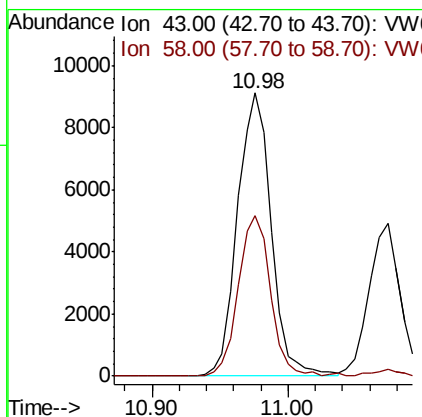
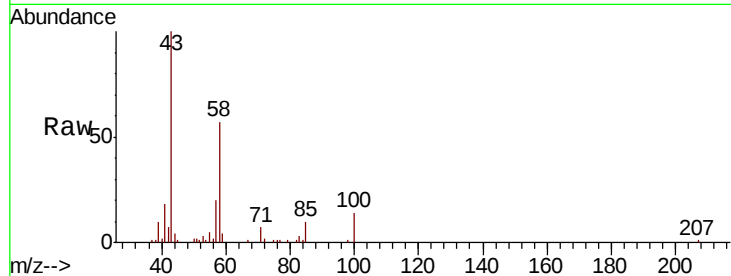




#59
2-Hexanone
Concen: 20.257 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW004307.D
Acq: 29 Jul 2018 11:46

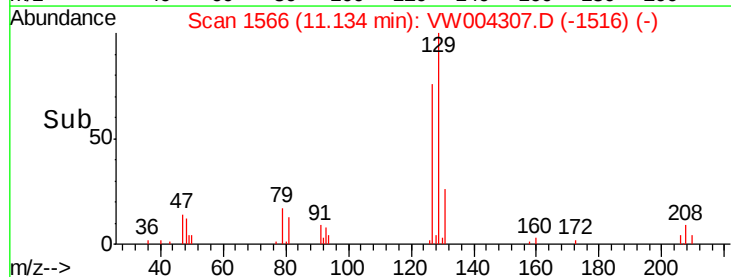
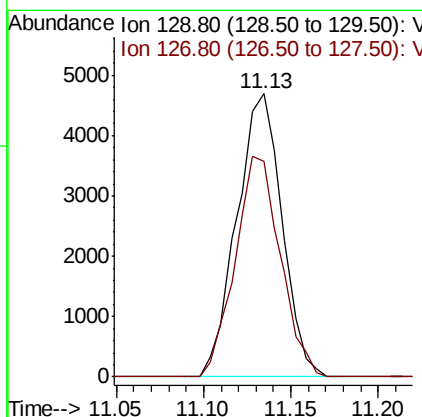
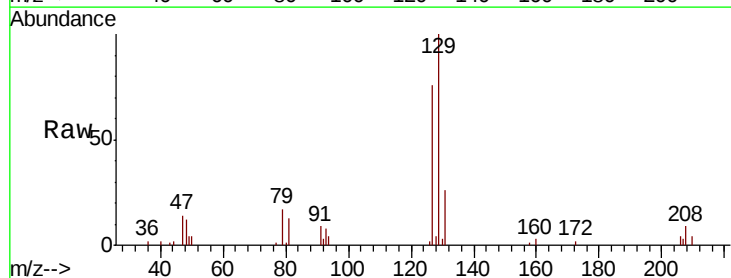
Instrument :
MSVOA_W
ClientSampleId :

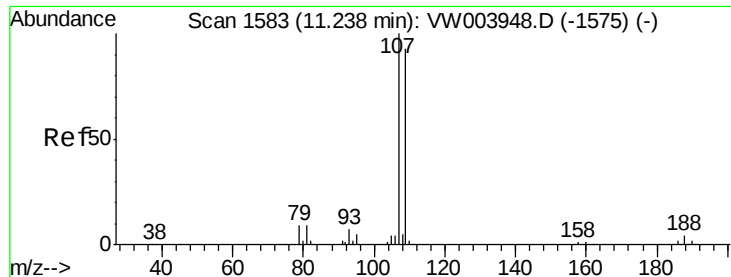
Tot Ion: 43 Resp: 15775
Ion Ratio Lower Upper
43 100
58 54.3 26.5 79.4



#60
Dibromochloromethane
Concen: 4.960 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VW004307.D
Acq: 29 Jul 2018 11:46

Tgt Ion: 129 Resp: 8433
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.7

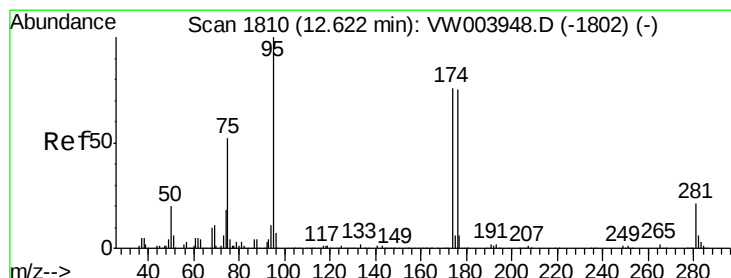
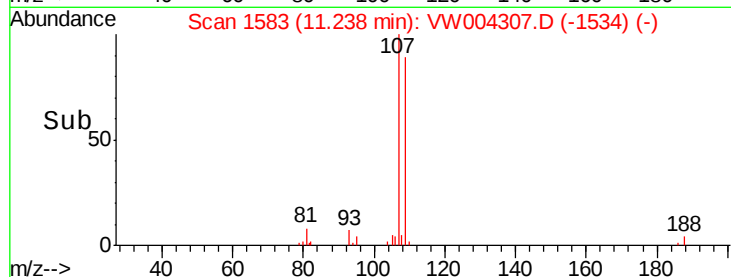
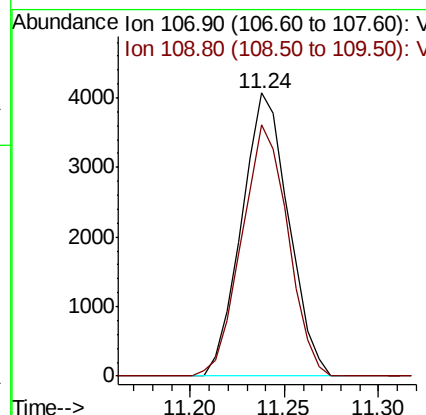
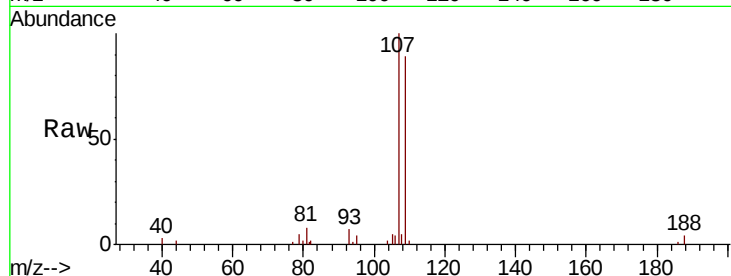




#61
 1,2-Dibromoethane
 Concen: 5.189 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW004307.D
 Acq: 29 Jul 2018 11:46

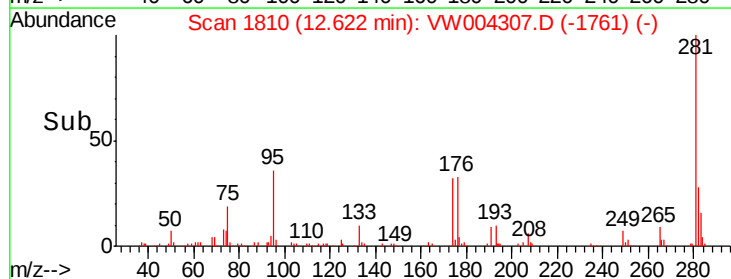
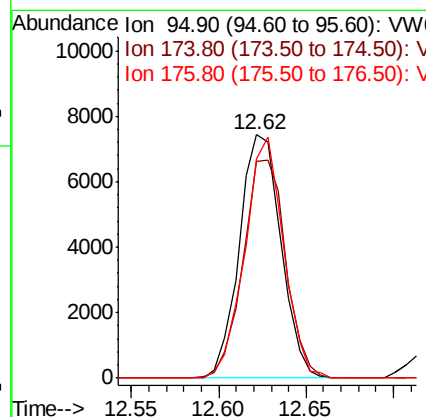
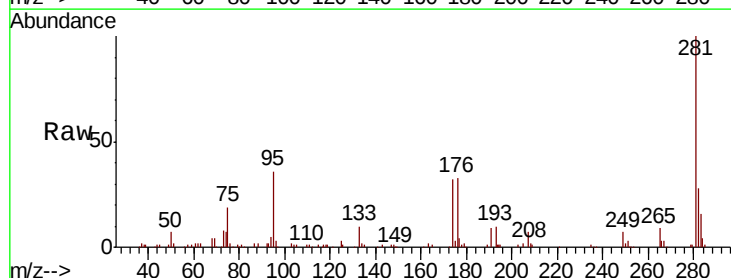
Instrument :
 MSVOA_W
 ClientSampleId :

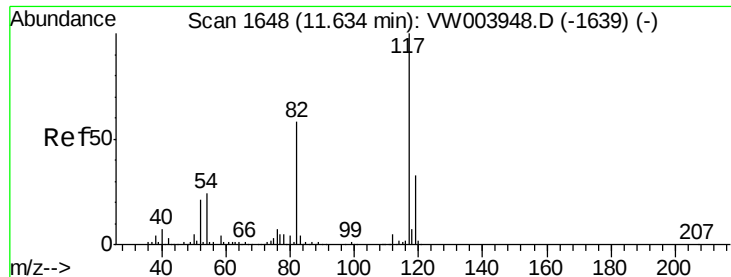
Tot Ion: 107 Resp: 7032
 Ion Ratio Lower Upper
 107 100
 109 87.4 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 4.995 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW004307.D
 Acq: 29 Jul 2018 11:46

Tgt Ion: 95 Resp: 12286
 Ion Ratio Lower Upper
 95 100
 174 91.9 0.0 167.8
 176 92.3 0.0 162.4

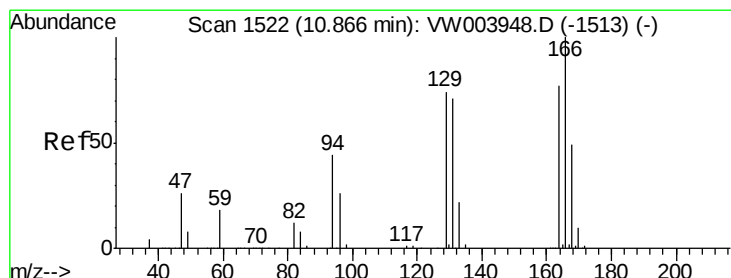
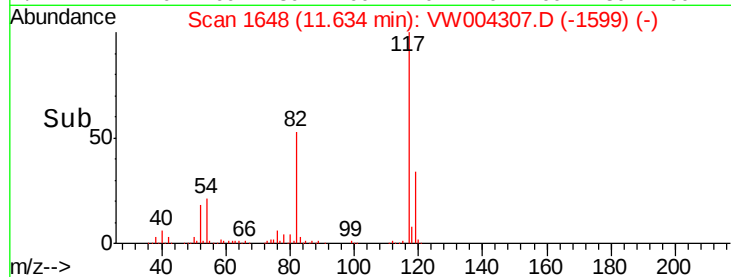
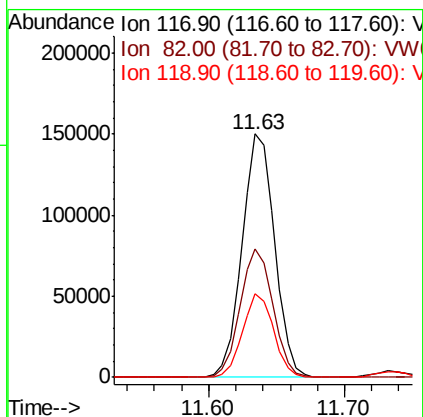
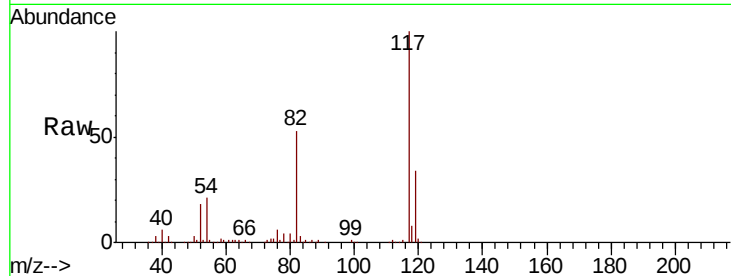




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004307.D
Acq: 29 Jul 2018 11:46

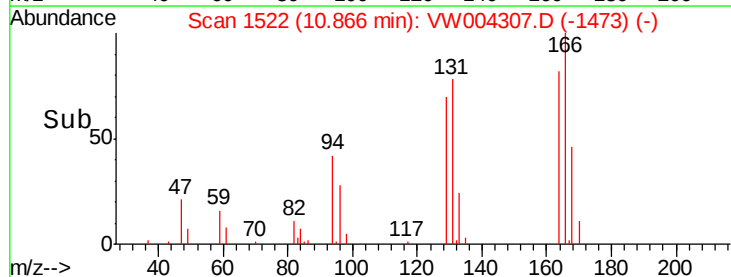
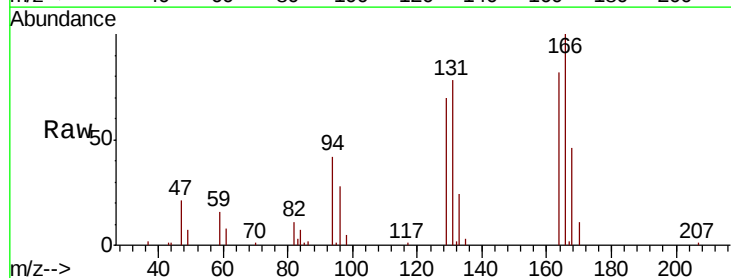
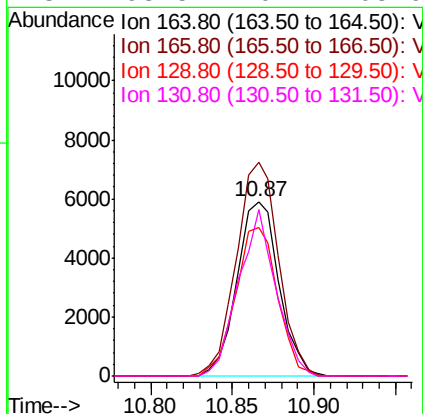
Instrument :
MSVOA_W
ClientSampleId :

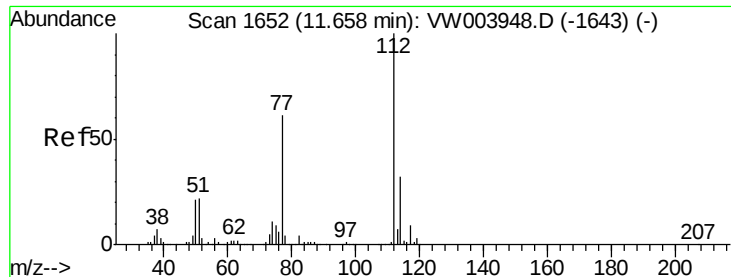
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	47.9	71.9
119	34.1	27.1	40.7



#64
Tetrachloroethene
Concen: 5.752 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004307.D
Acq: 29 Jul 2018 11:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.5	103.2	154.8
129	85.1	72.1	108.1
131	95.5	70.4	105.6

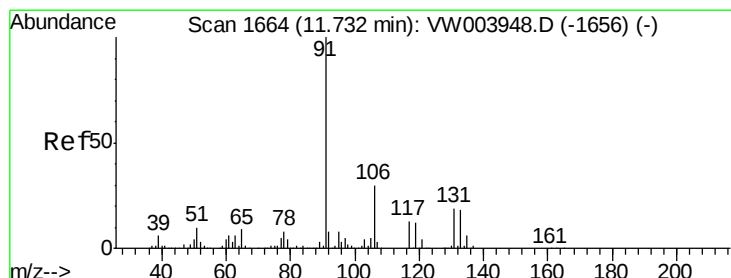
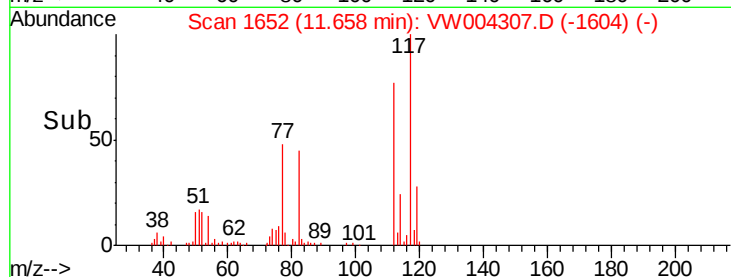
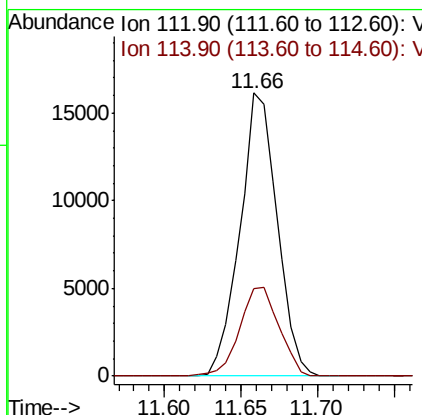
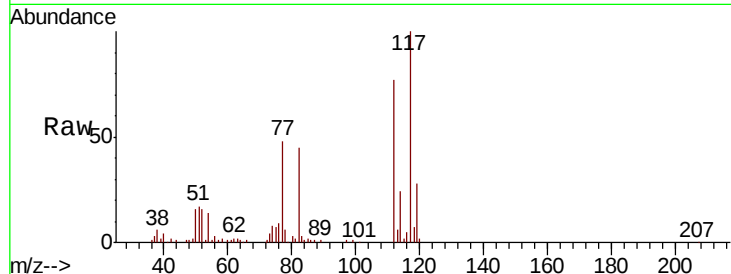




#65
Chlorobenzene
Concen: 5.173 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. -0.01 min
Lab File: VW004307.D
Acq: 29 Jul 2018 11:46

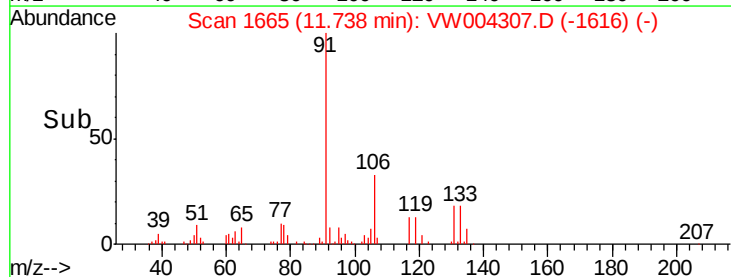
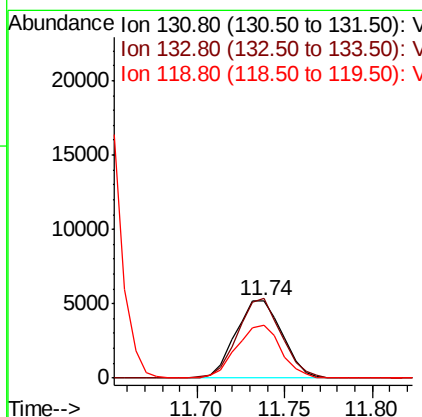
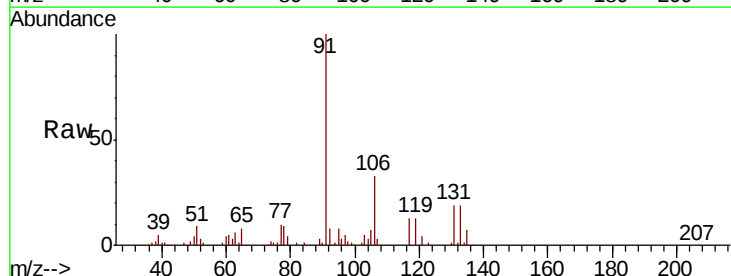
Instrument :
MSVOA_W
ClientSampleId :

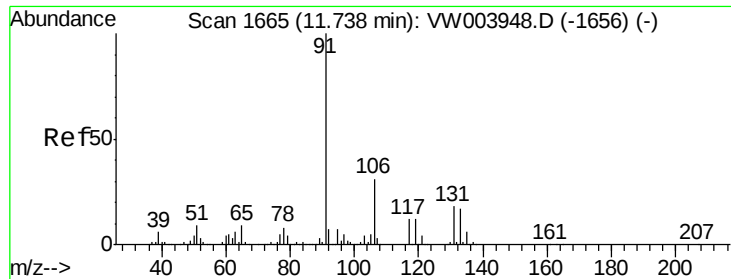
Tot Ion:112 Resp: 27255
Ion Ratio Lower Upper
112 100
114 31.0 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 5.168 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004307.D
Acq: 29 Jul 2018 11:46

Tgt Ion:131 Resp: 9603
Ion Ratio Lower Upper
131 100
133 97.0 48.6 145.9
119 65.3 33.1 99.5

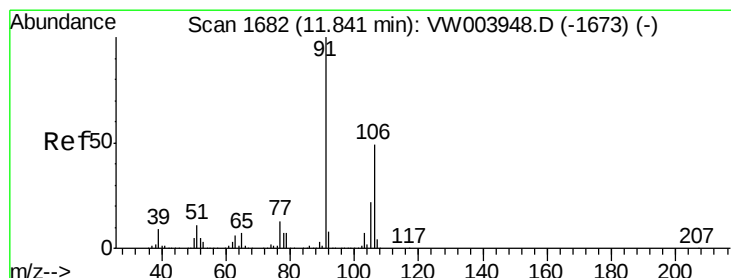
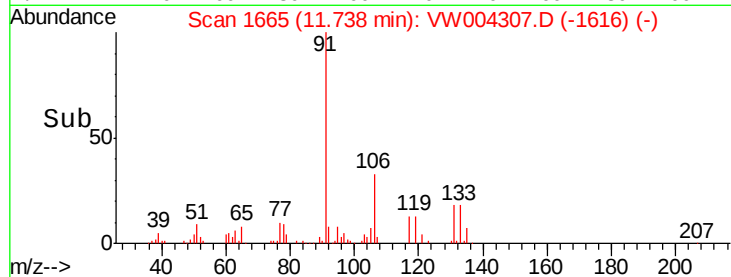
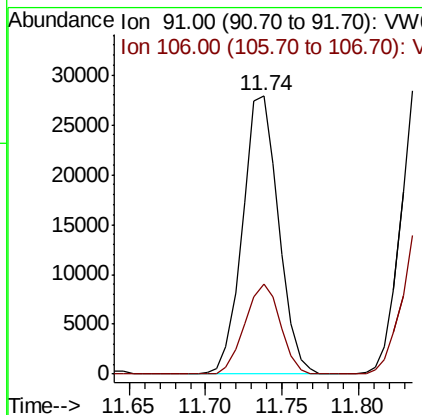
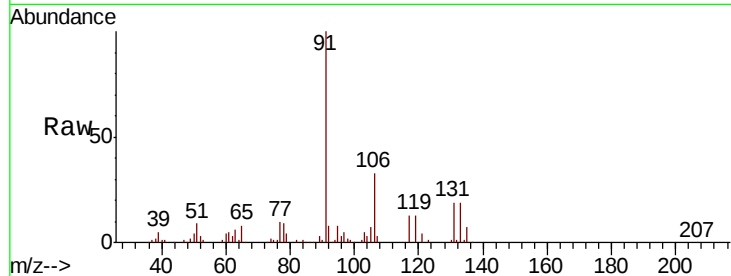




#67
Ethyl Benzene
Concen: 4.956 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004307.D
Acq: 29 Jul 2018 11:46

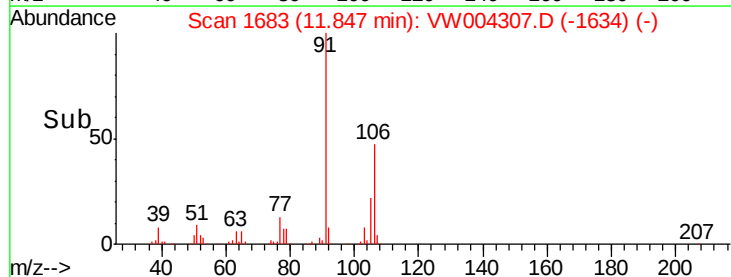
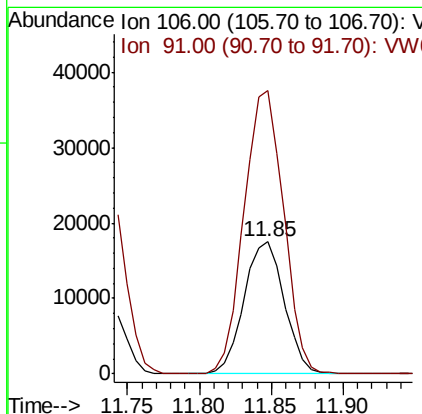
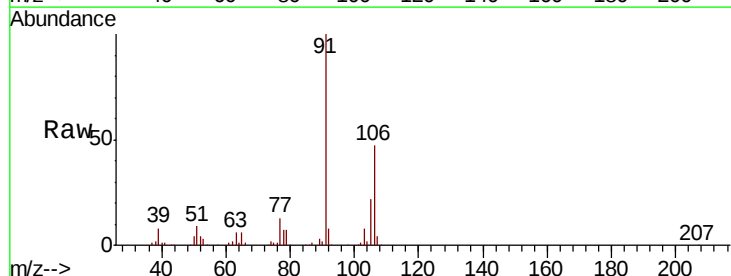
Instrument :
MSVOA_W
ClientSampled :

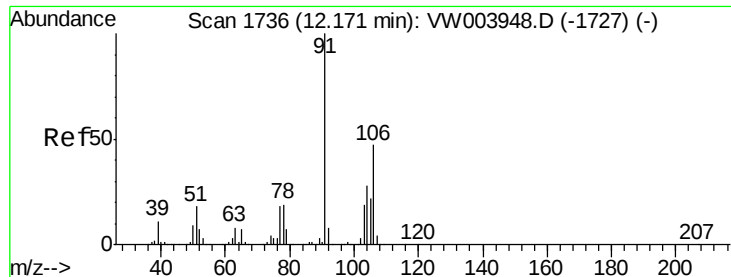
Tot Ion: 91 Resp: 45517
Ion Ratio Lower Upper
91 100
106 32.6 26.1 39.1



#68
m/p-Xylenes
Concen: 9.590 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW004307.D
Acq: 29 Jul 2018 11:46

Tgt Ion: 106 Resp: 33890
Ion Ratio Lower Upper
106 100
91 211.0 162.2 243.2

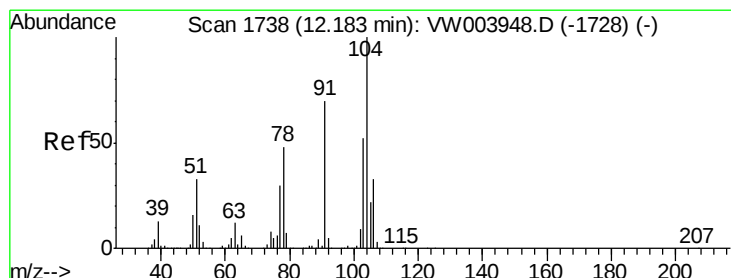
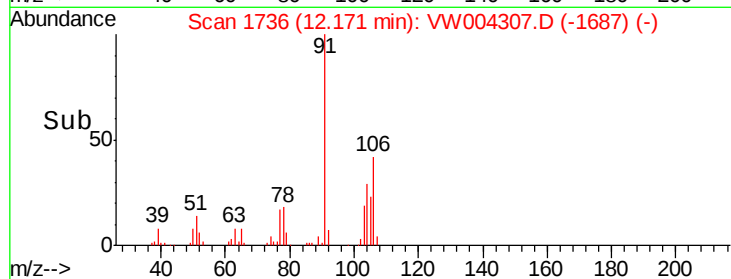
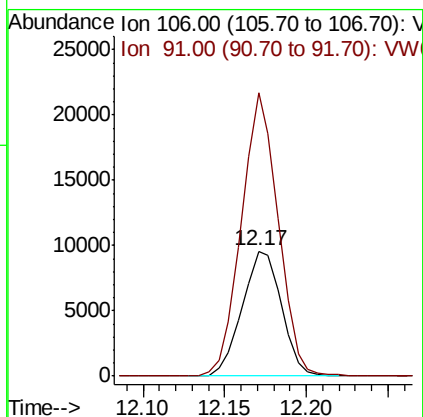
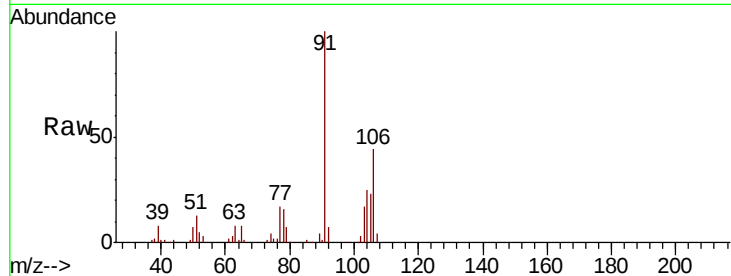




#69
o-Xylene
Concen: 4.924 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004307.D
Acq: 29 Jul 2018 11:46

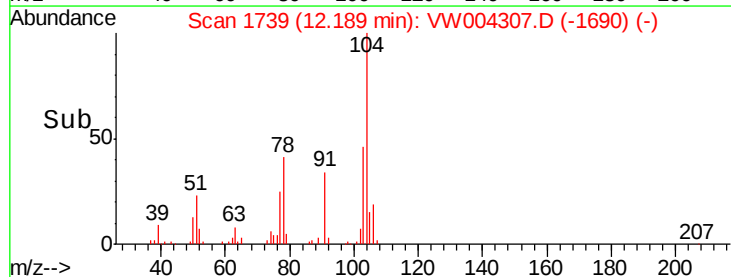
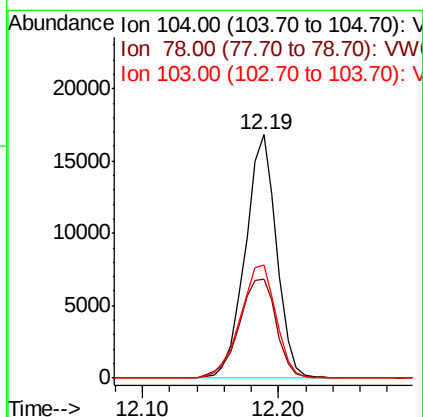
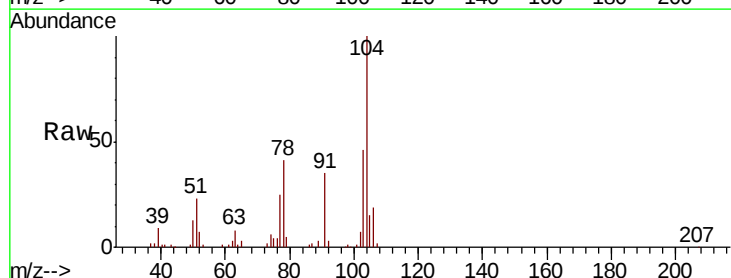
Instrument :
MSVOA_W
ClientSampled :

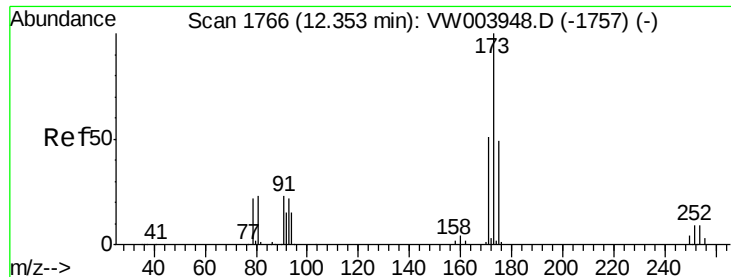
Tot Ion:106 Resp: 16077
Ion Ratio Lower Upper
106 100
91 212.6 108.7 326.1



#70
Styrene
Concen: 4.899 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW004307.D
Acq: 29 Jul 2018 11:46

Tgt Ion:104 Resp: 27025
Ion Ratio Lower Upper
104 100
78 48.3 40.9 61.3
103 52.9 45.0 67.6





#71

Bromoform

Concen: 5.277 ug/l

RT: 12.36 min Scan# 1767

Delta R.T. 0.01 min

Lab File: VW004307.D

Acq: 29 Jul 2018 11:46

Instrument :

MSVOA_W

ClientSampled :

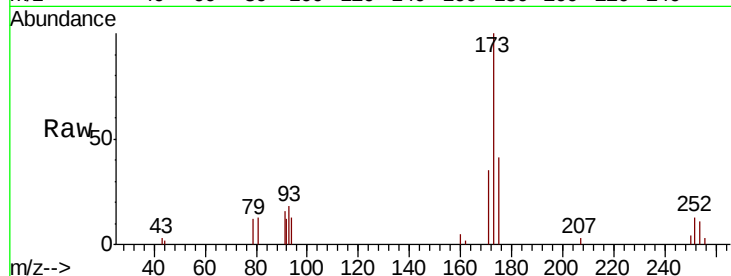
Tot Ion:173 Resp: 5495

Ion Ratio Lower Upper

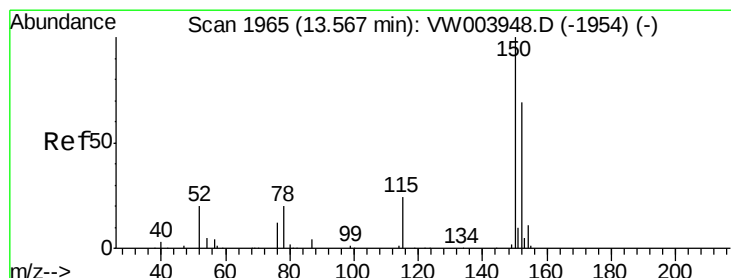
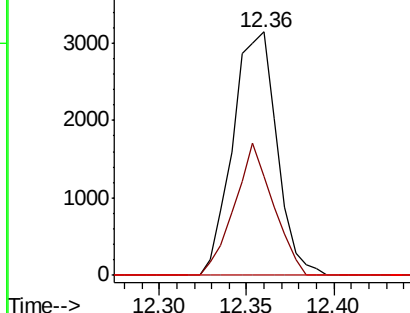
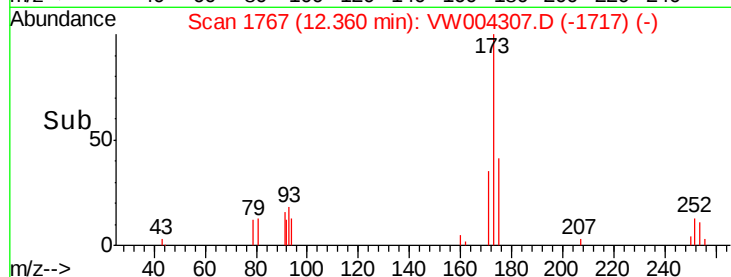
173 100

175 47.7 24.5 73.5

254 0.0 0.2 0.2#



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: VW004307.D

Acq: 29 Jul 2018 11:46

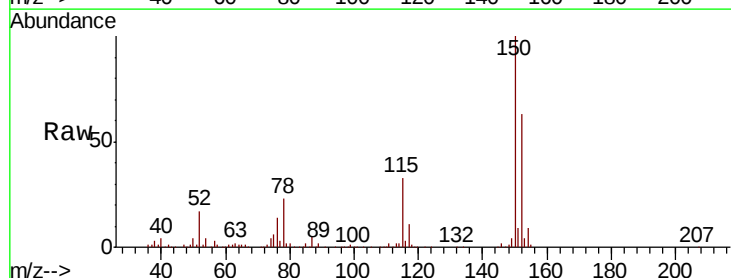
Tgt Ion:152 Resp: 139204

Ion Ratio Lower Upper

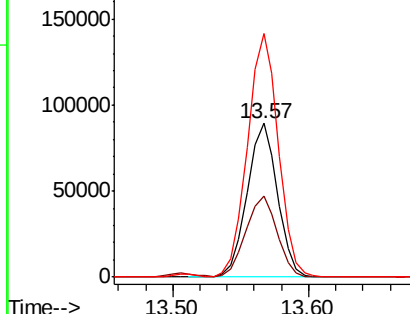
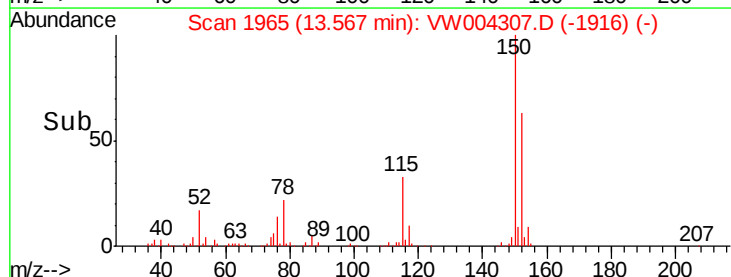
152 100

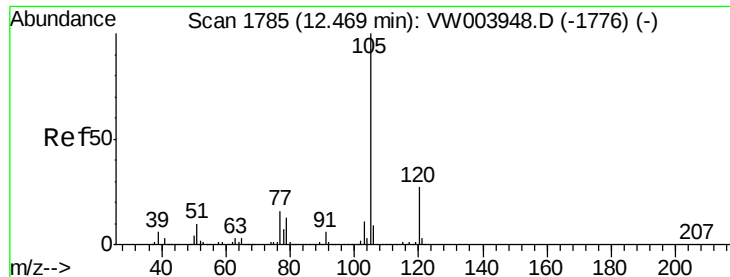
115 54.9 28.8 86.4

150 161.2 0.0 346.4



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





#73

Isopropylbenzene

Concen: 4.700 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW004307.D

Acq: 29 Jul 2018 11:46

Instrument :

MSVOA_W

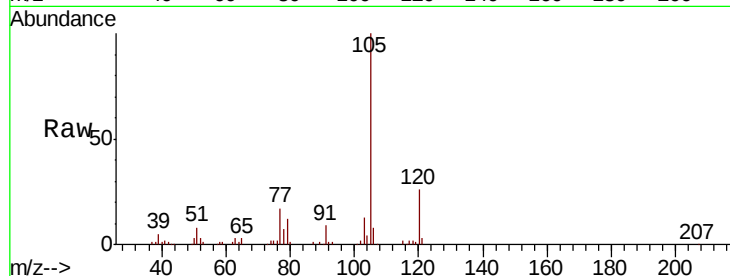
ClientSampleId :

Tot Ion:105 Resp: 45367

Ion Ratio Lower Upper

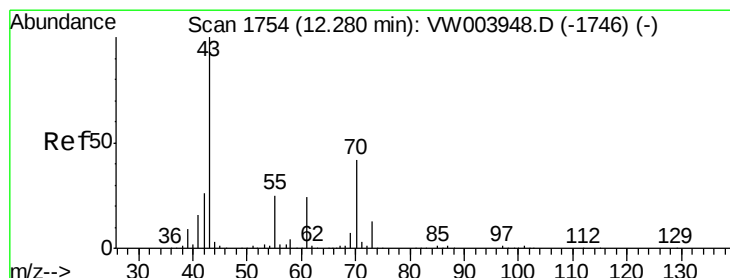
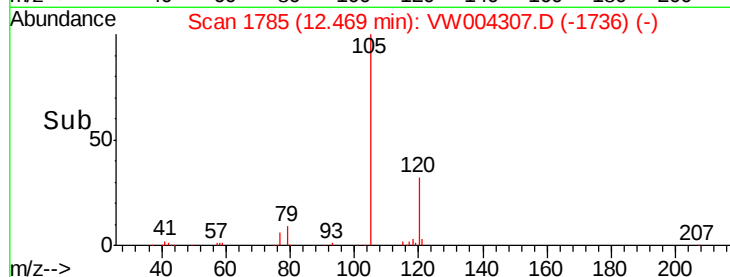
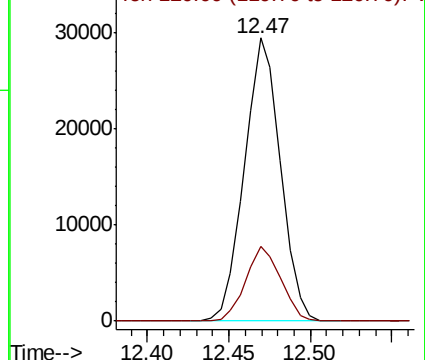
105 100

120 25.7 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: 3.949 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW004307.D

Acq: 29 Jul 2018 11:46

Tgt Ion: 43 Resp: 8259

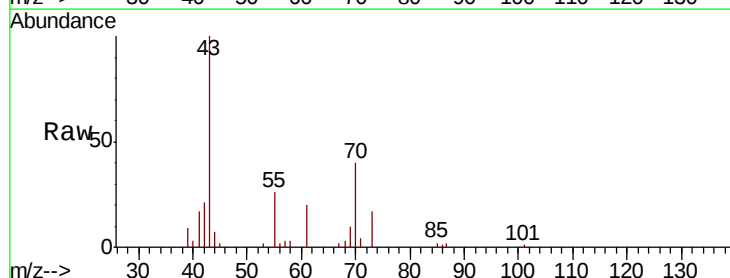
Ion Ratio Lower Upper

43 100

70 42.7 34.2 51.4

55 28.5 21.8 32.8

61 23.1 18.9 28.3

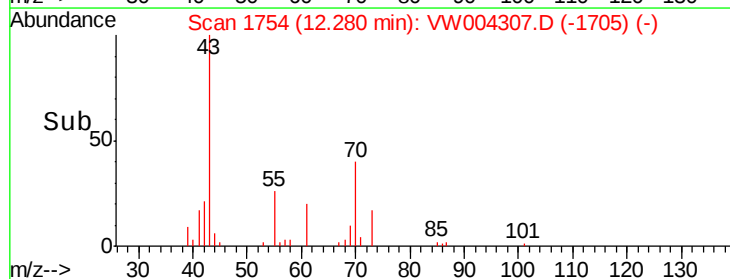
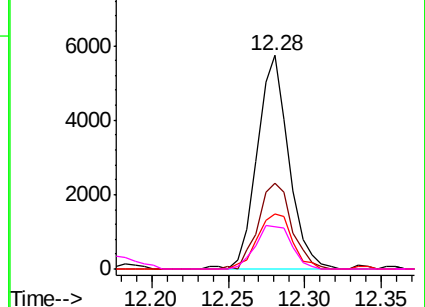


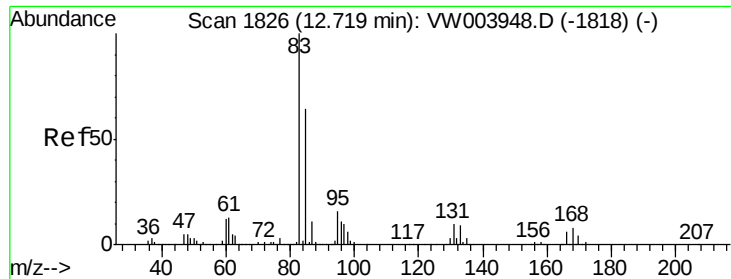
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 4.624 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW004307.D

Acq: 29 Jul 2018 11:46

Instrument :

MSVOA_W

ClientSampled :

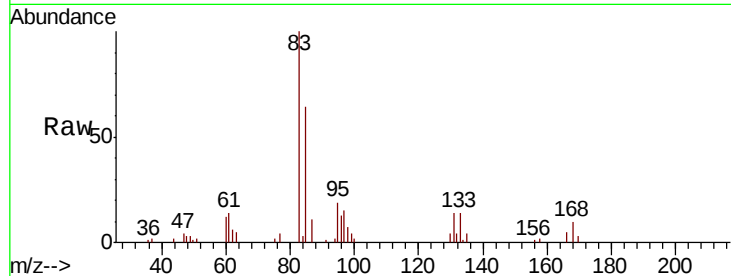
Tot Ion: 83 Resp: 7818

Ion Ratio Lower Upper

83 100

131 10.2 5.5 16.4

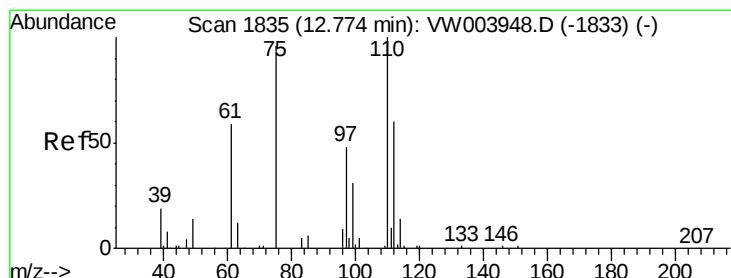
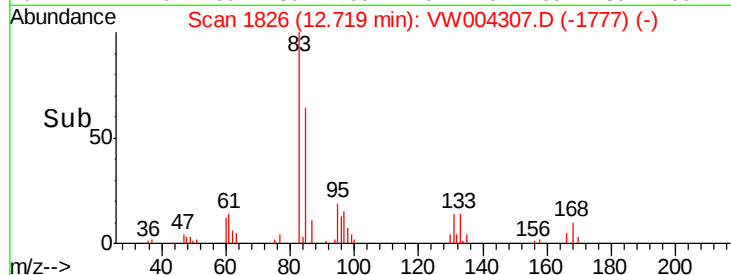
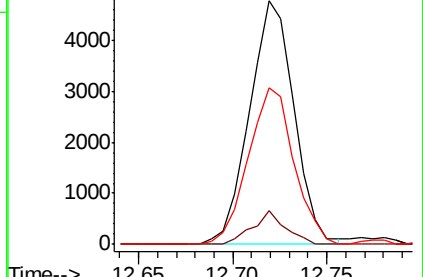
85 65.9 31.9 95.9



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: 4.893 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW004307.D

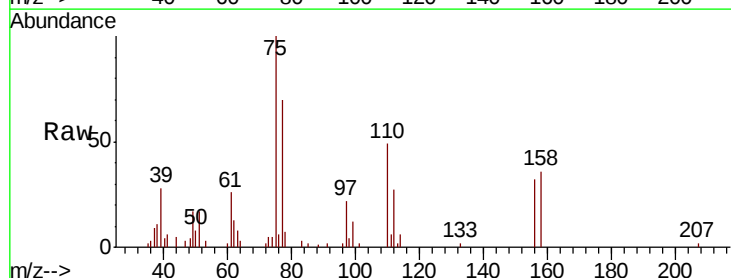
Acq: 29 Jul 2018 11:46

Tgt Ion: 75 Resp: 10381

Ion Ratio Lower Upper

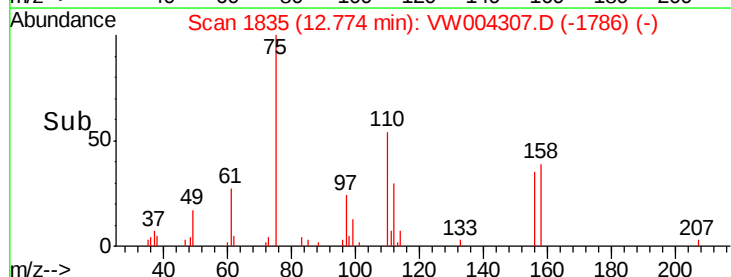
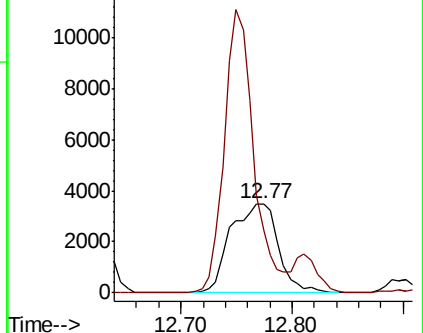
75 100

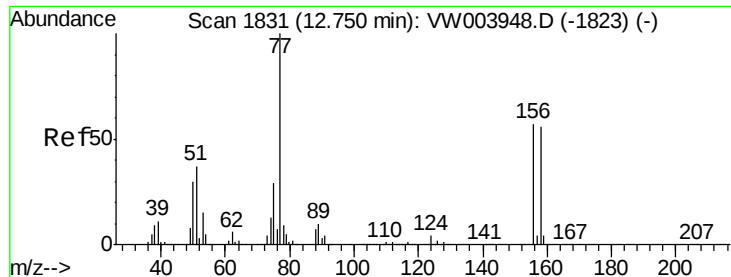
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 5.149 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VW004307.D

Acq: 29 Jul 2018 11:46

Instrument :

MSVOA_W

ClientSampled :

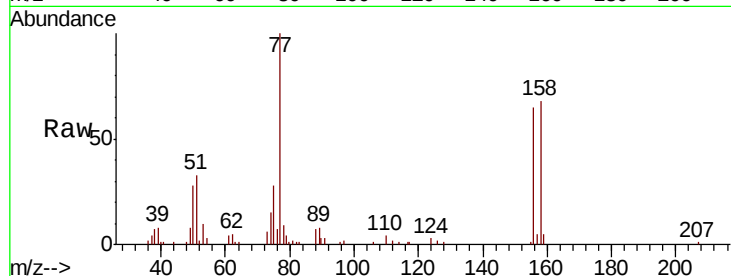
Tot Ion:156 Resp: 12009

Ion Ratio Lower Upper

156 100

77 171.3 92.9 278.7

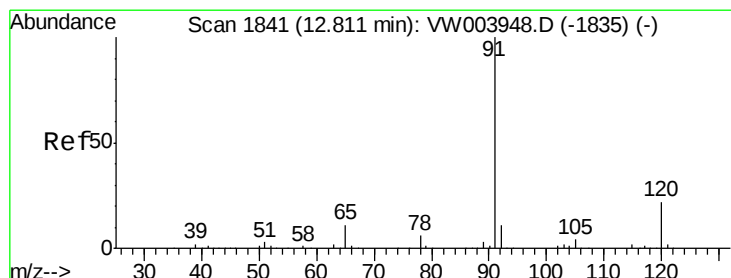
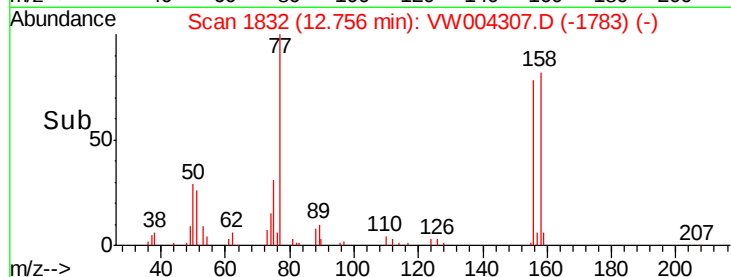
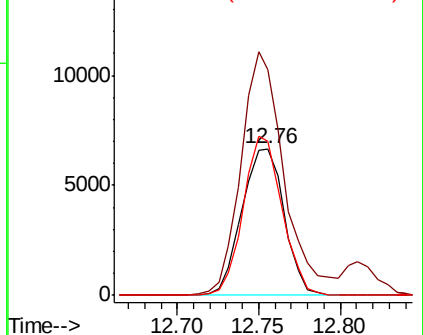
158 100.1 47.6 142.8



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: 4.699 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW004307.D

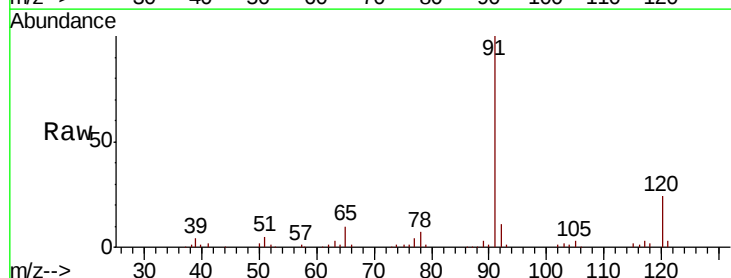
Acq: 29 Jul 2018 11:46

Tgt Ion: 91 Resp: 55260

Ion Ratio Lower Upper

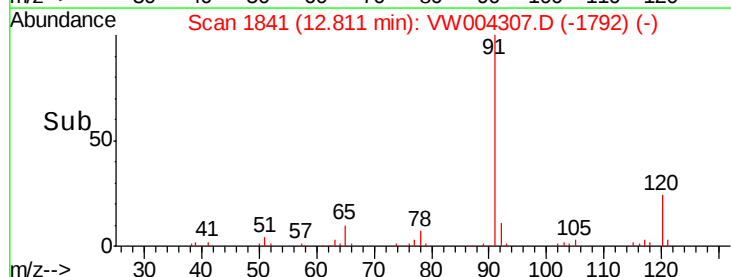
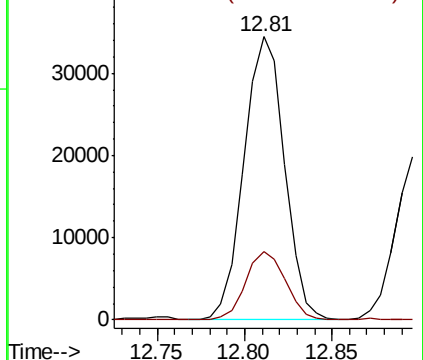
91 100

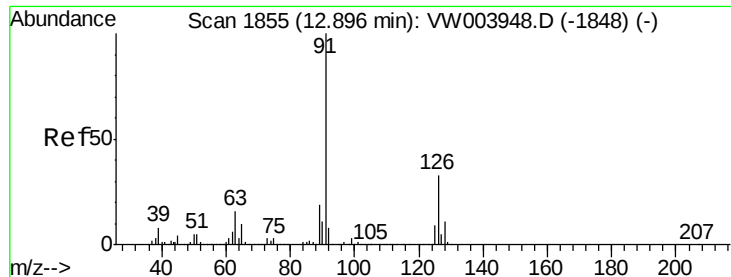
120 23.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.975 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW004307.D

Acq: 29 Jul 2018 11:46

Instrument :

MSVOA_W

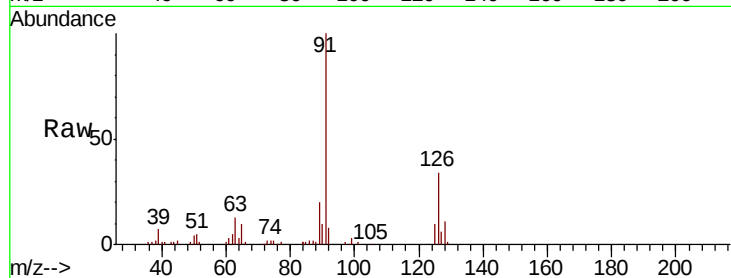
ClientSampleId :

Tot Ion: 91 Resp: 33459

Ion Ratio Lower Upper

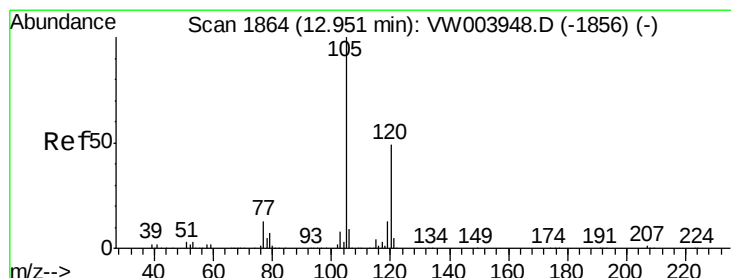
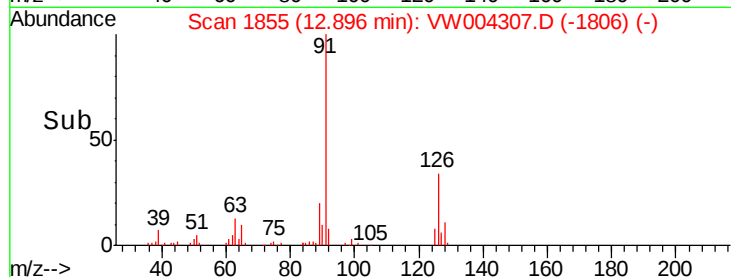
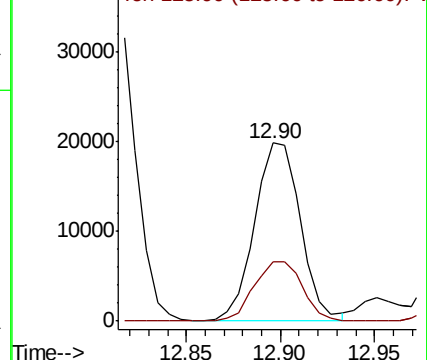
91 100

126 35.1 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 4.814 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW004307.D

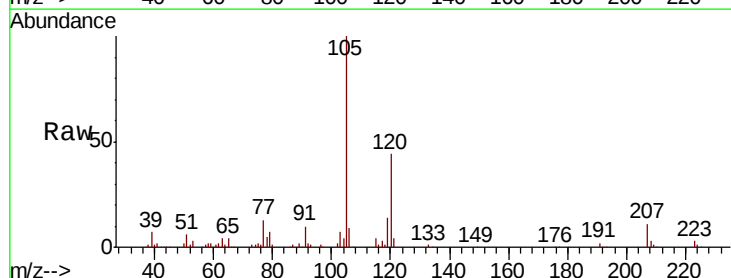
Acq: 29 Jul 2018 11:46

Tgt Ion:105 Resp: 40033

Ion Ratio Lower Upper

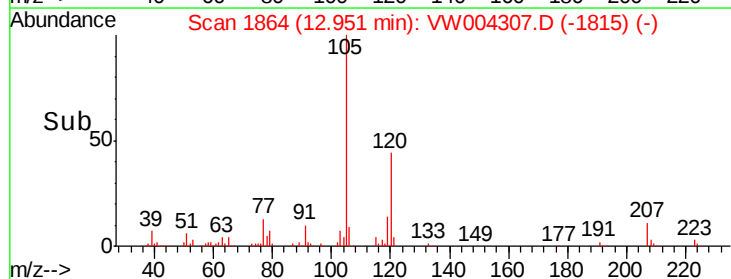
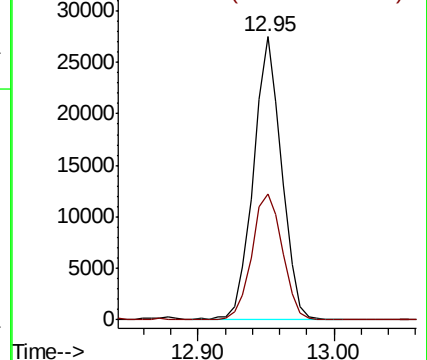
105 100

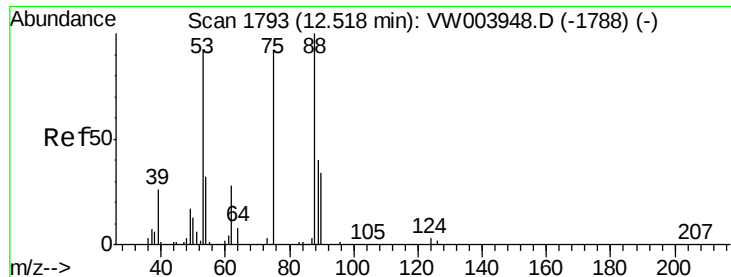
120 48.0 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 4.348 ug/l

RT: 12.52 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VW004307.D

Acq: 29 Jul 2018 11:46

Instrument :

MSVOA_W

ClientSampleId :

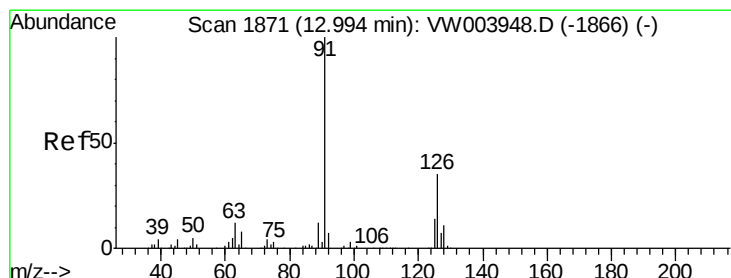
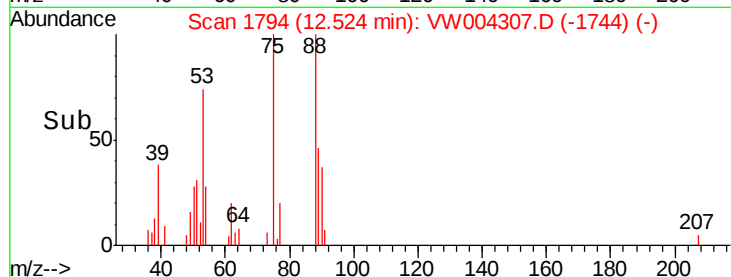
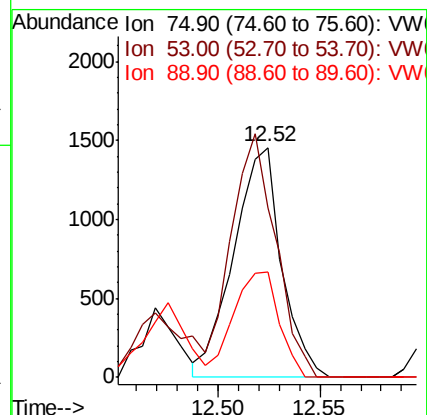
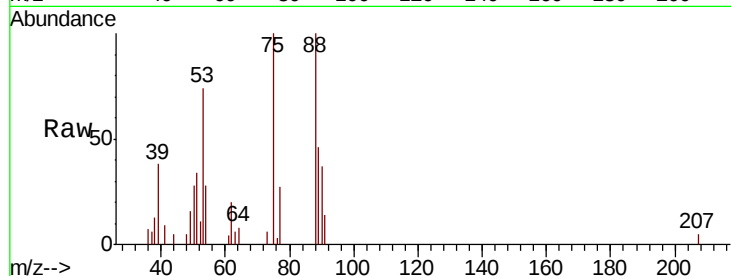
Tot Ion: 75 Resp: 2374

Ion Ratio Lower Upper

75 100

53 97.7 77.6 116.4

89 43.5 36.0 54.0



#82

4-Chlorotoluene

Concen: 4.850 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VW004307.D

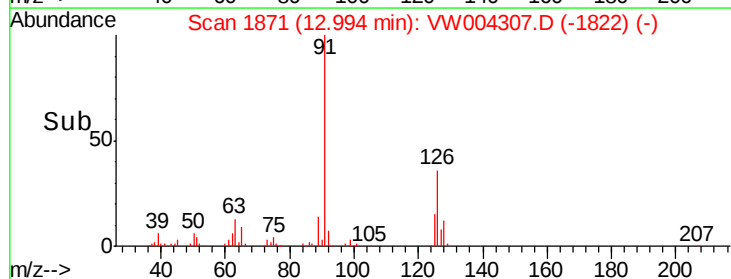
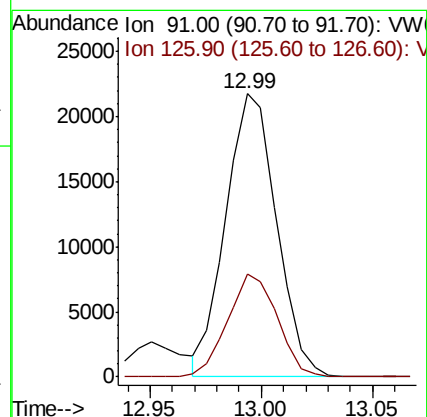
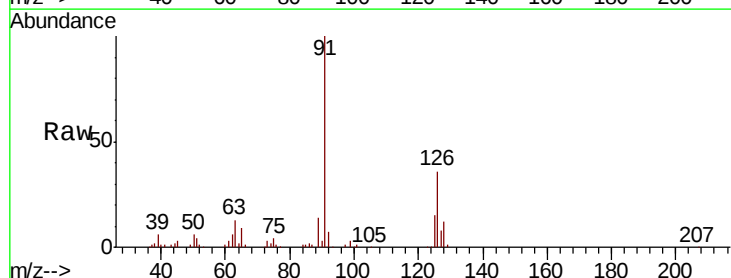
Acq: 29 Jul 2018 11:46

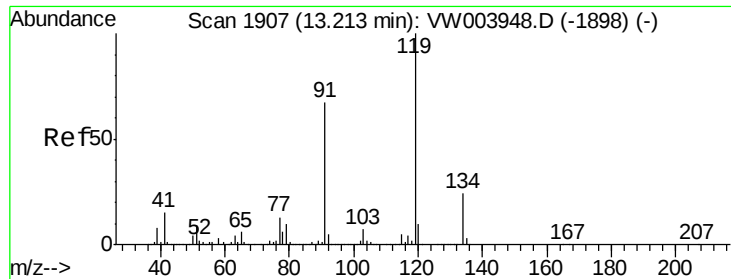
Tgt Ion: 91 Resp: 34513

Ion Ratio Lower Upper

91 100

126 35.4 17.4 52.3

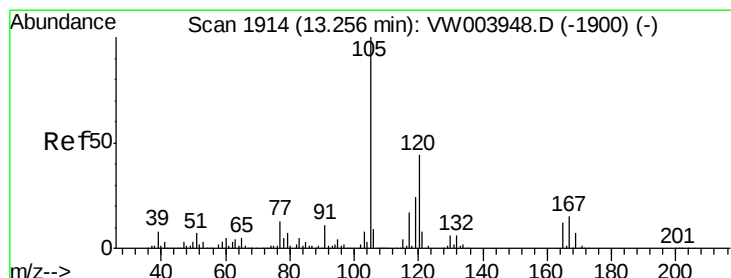
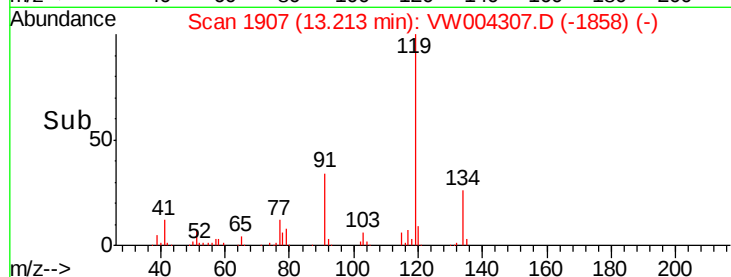
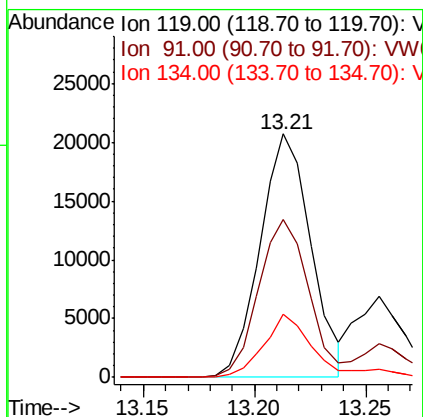
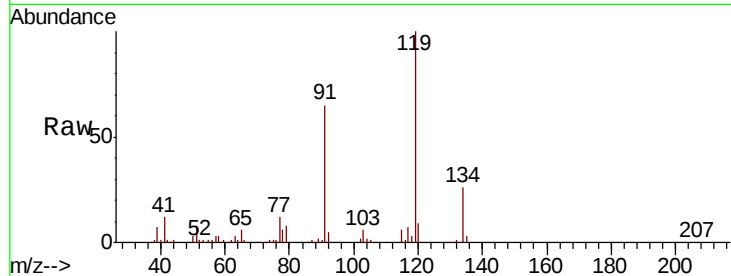




#83
tert-Butylbenzene
Concen: 4.742 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW004307.D
Acq: 29 Jul 2018 11:46

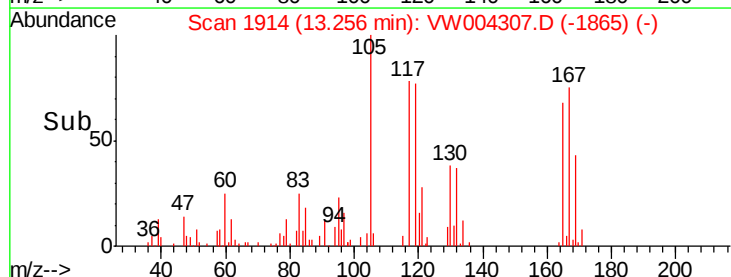
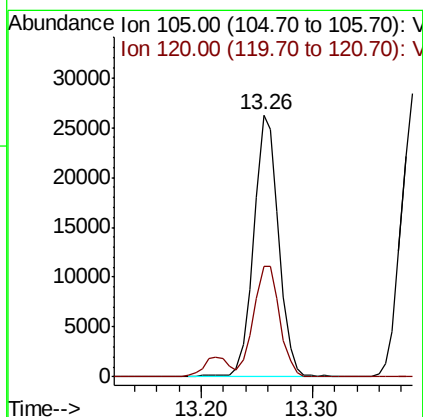
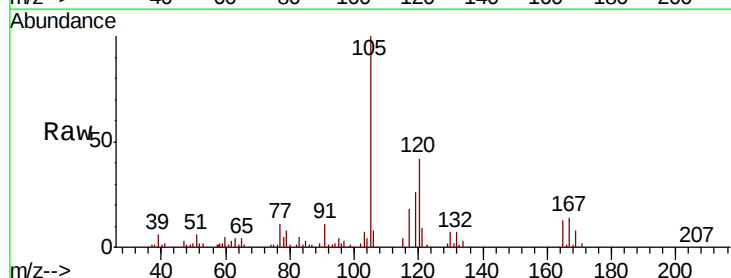
Instrument :
MSVOA_W
ClientSampleId :

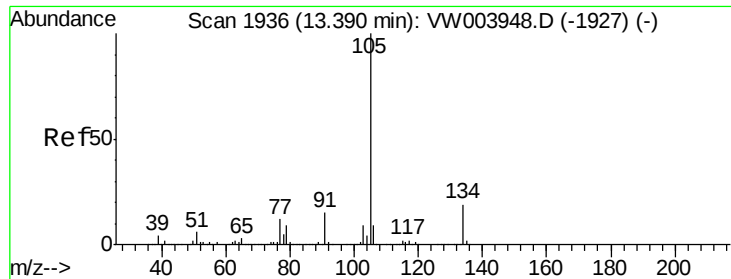
Tot Ion:119 Resp: 32850
Ion Ratio Lower Upper
119 100
91 63.6 32.8 98.3
134 24.1 12.2 36.6



#84
1,2,4-Trimethylbenzene
Concen: 4.822 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW004307.D
Acq: 29 Jul 2018 11:46

Tgt Ion:105 Resp: 40897
Ion Ratio Lower Upper
105 100
120 44.3 22.7 68.0

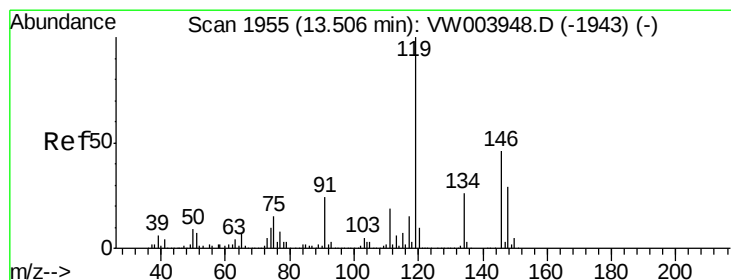
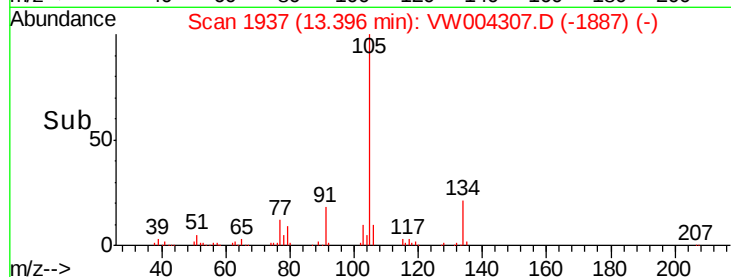
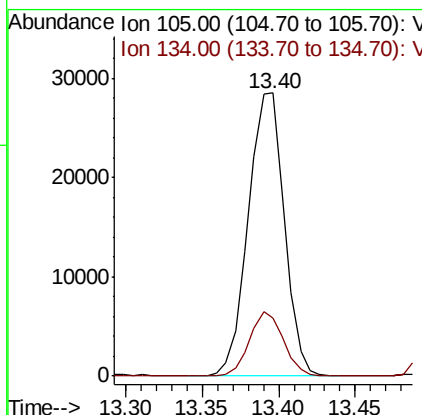
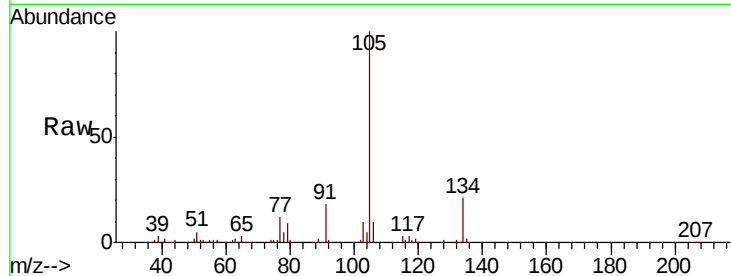




#85
 sec-Butylbenzene
 Concen: 4.636 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. 0.01 min
 Lab File: VW004307.D
 Acq: 29 Jul 2018 11:46

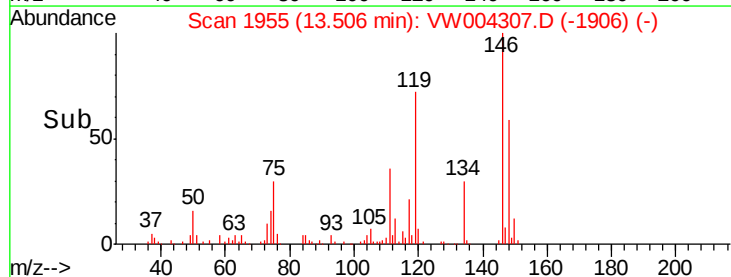
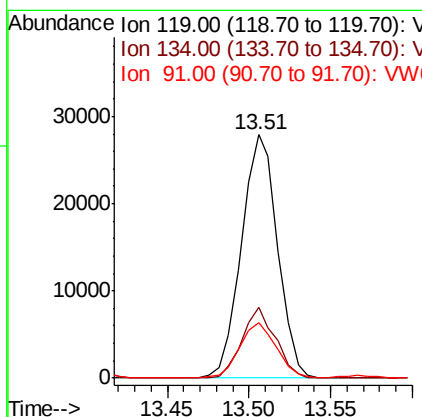
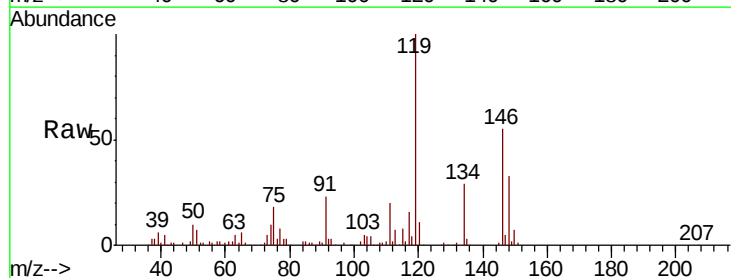
Instrument :
 MSVOA_W
 ClientSampleId :

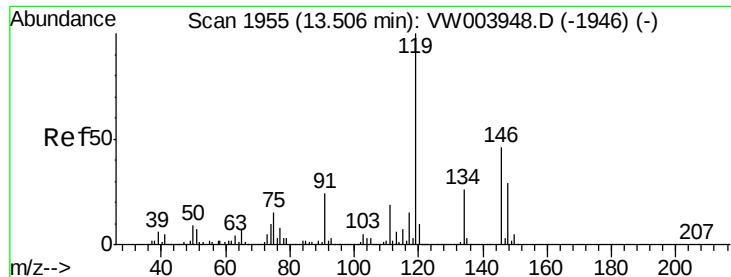
Tot Ion:105 Resp: 46906
 Ion Ratio Lower Upper
 105 100
 134 21.4 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 4.728 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004307.D
 Acq: 29 Jul 2018 11:46

Tgt Ion:119 Resp: 42970
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.6 37.8
 91 23.1 11.3 33.9

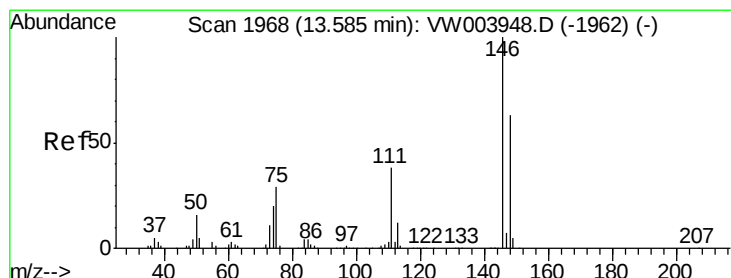
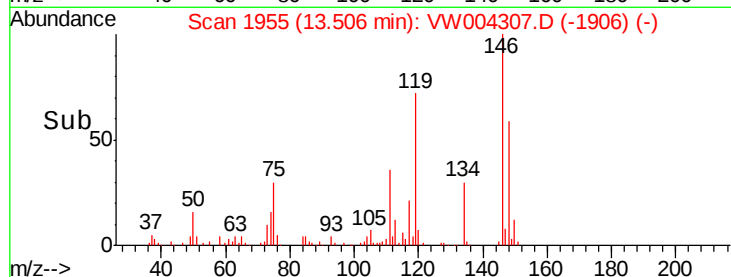
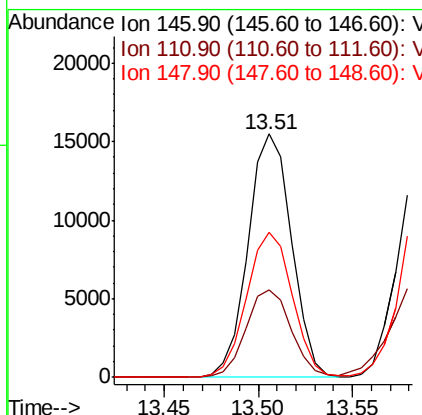
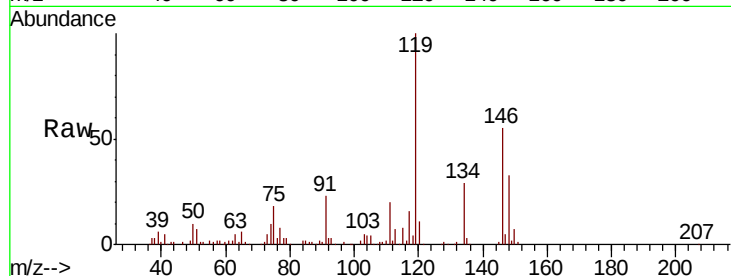




#87
 1,3-Dichlorobenzene
 Concen: 5.296 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004307.D
 Acq: 29 Jul 2018 11:46

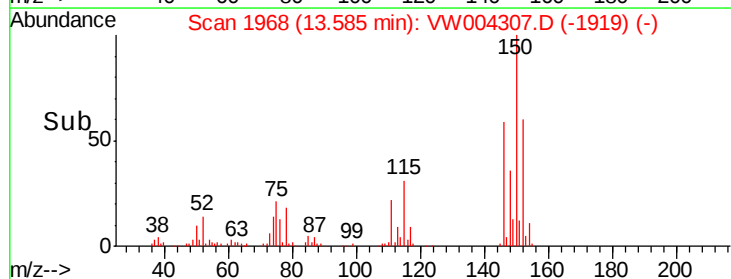
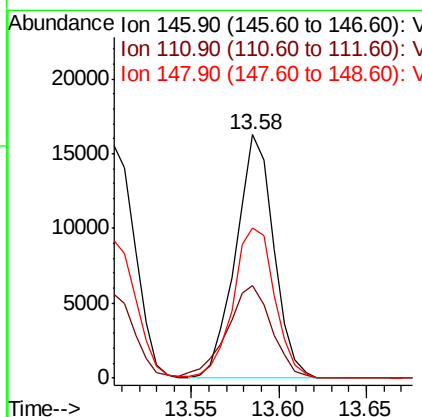
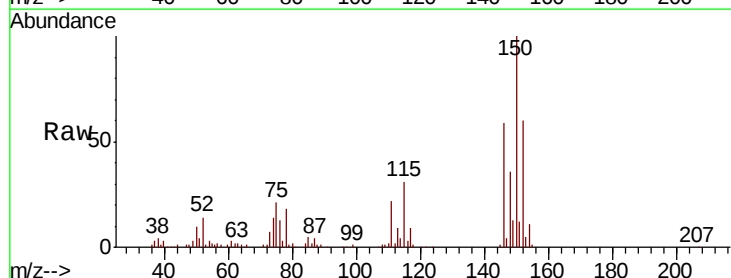
Instrument :
 MSVOA_W
 ClientSampleId :

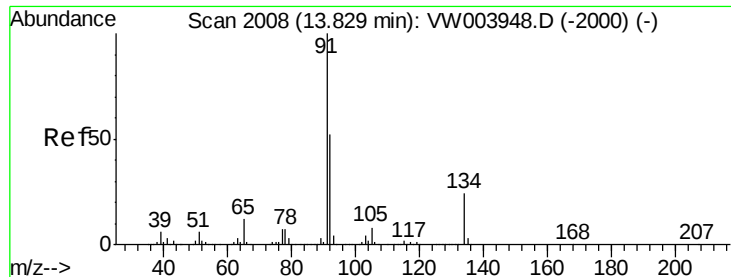
Tot Ion:146 Resp: 24723
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.9 59.6
 148 62.7 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 5.289 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW004307.D
 Acq: 29 Jul 2018 11:46

Tgt Ion:146 Resp: 24633
 Ion Ratio Lower Upper
 146 100
 111 45.0 19.4 58.1
 148 67.6 32.8 98.3





#89

n-Butylbenzene

Concen: 4.749 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. -0.00 min

Lab File: VW004307.D

Acq: 29 Jul 2018 11:46

Instrument :

MSVOA_W

ClientSampleId :

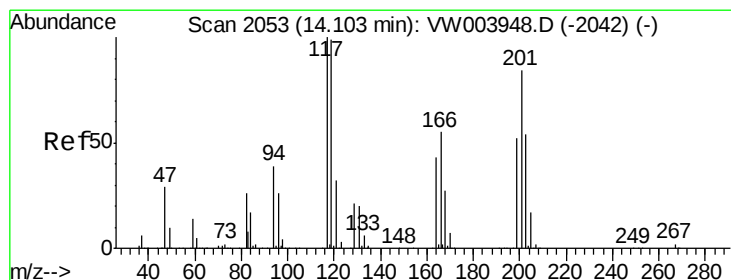
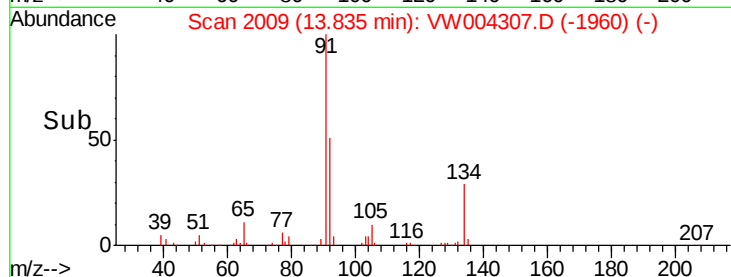
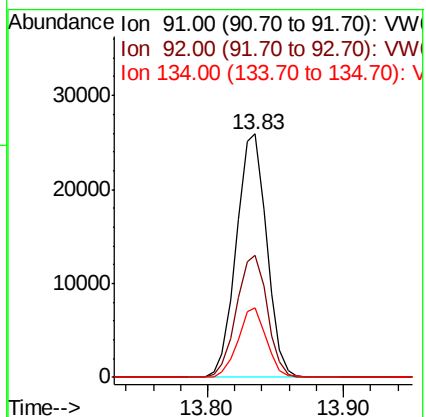
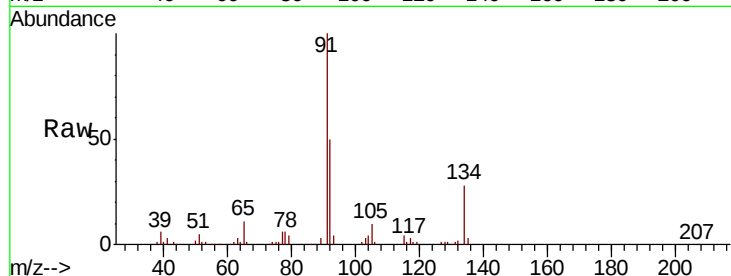
Tot Ion: 91 Resp: 40299

Ion	Ratio	Lower	Upper
91	100		
92	50.7	26.4	79.2
134	26.6	12.9	38.6

91 100

92 50.7 26.4 79.2

134 26.6 12.9 38.6



#90

Hexachloroethane

Concen: 4.907 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.01 min

Lab File: VW004307.D

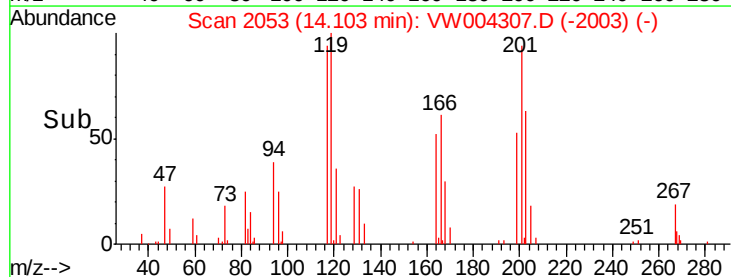
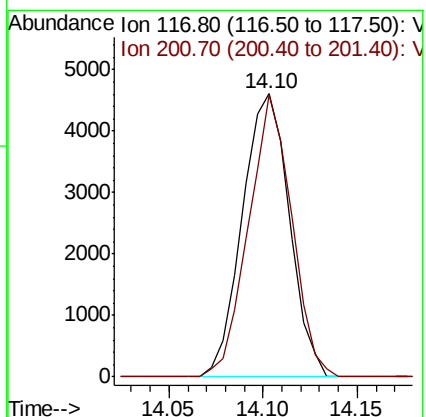
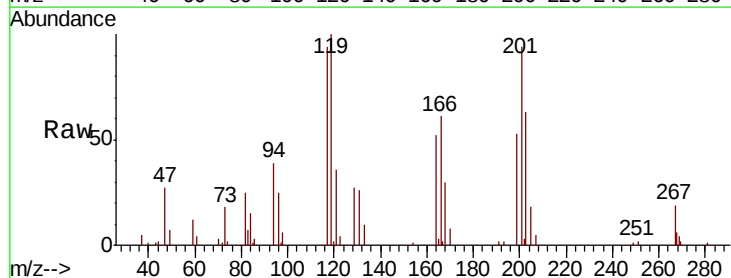
Acq: 29 Jul 2018 11:46

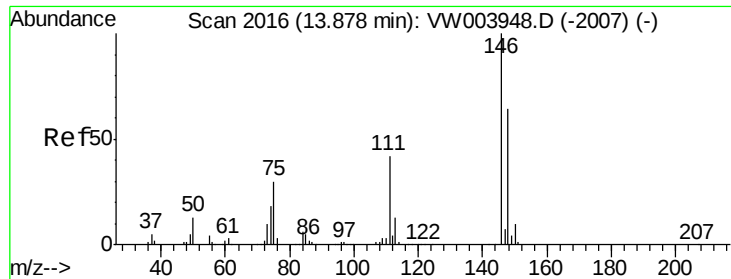
Tgt Ion: 117 Resp: 7954

Ion	Ratio	Lower	Upper
117	100		
201	91.2	41.5	124.5

117 100

201 91.2 41.5 124.5

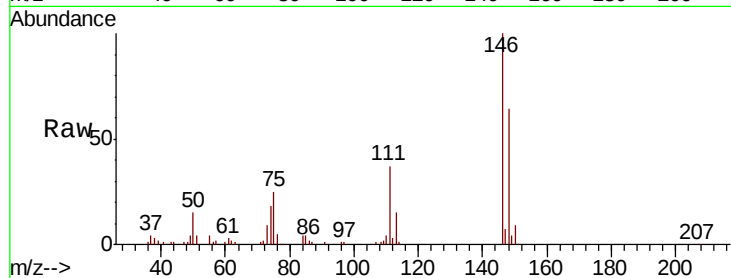




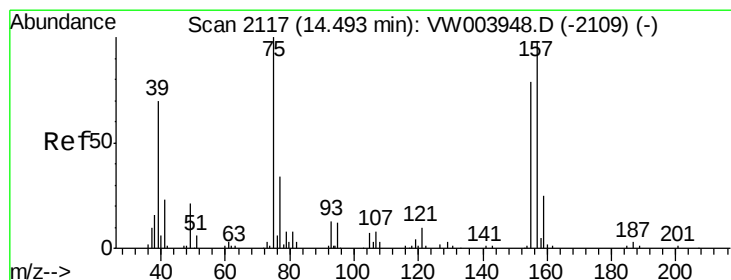
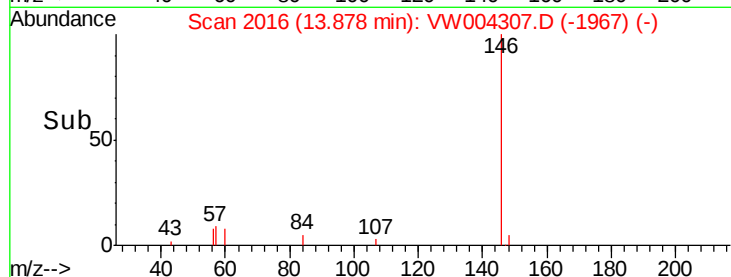
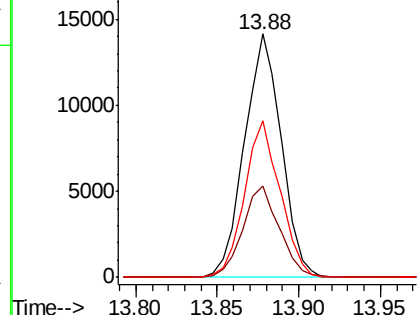
#91
 1,2-Dichlorobenzene
 Concen: 5.298 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW004307.D
 Acq: 29 Jul 2018 11:46

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	19.7	59.1
148	62.4	32.0	96.0

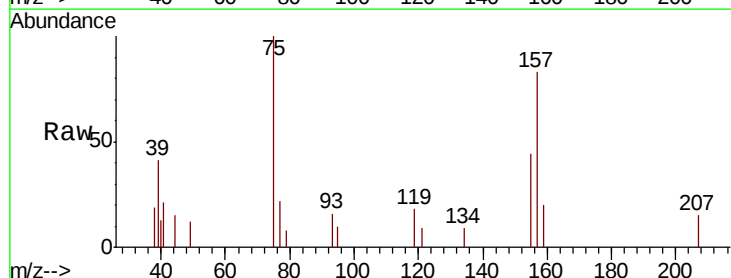


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

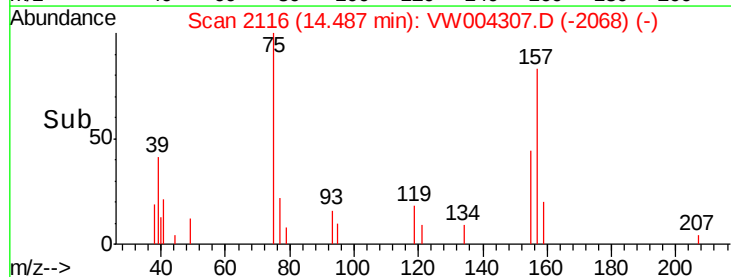
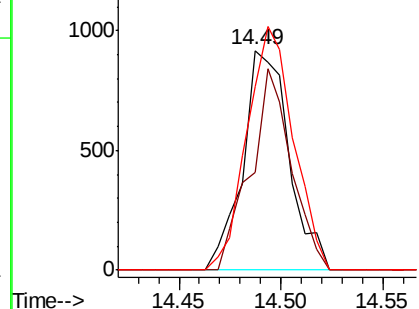


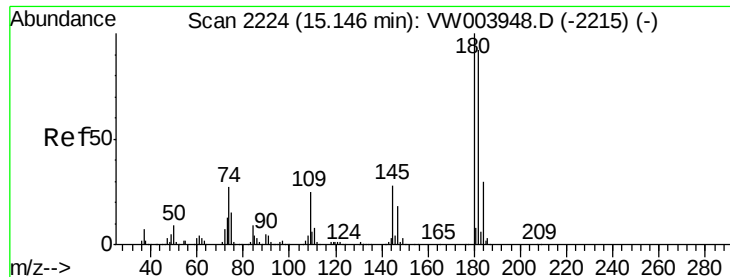
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.909 ug/l
 RT: 14.49 min Scan# 2116
 Delta R.T. -0.01 min
 Lab File: VW004307.D
 Acq: 29 Jul 2018 11:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.0	41.4	124.4
157	111.0	55.2	165.6



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

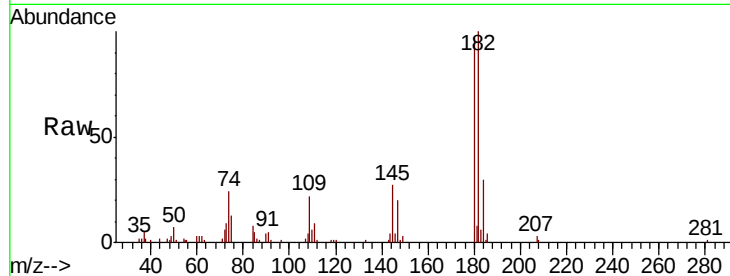




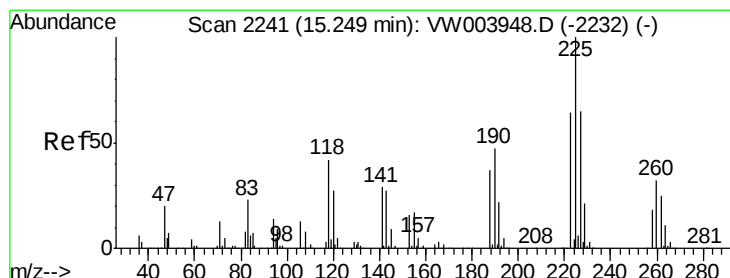
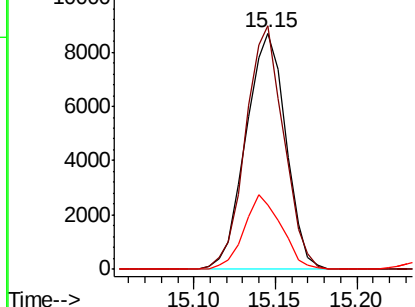
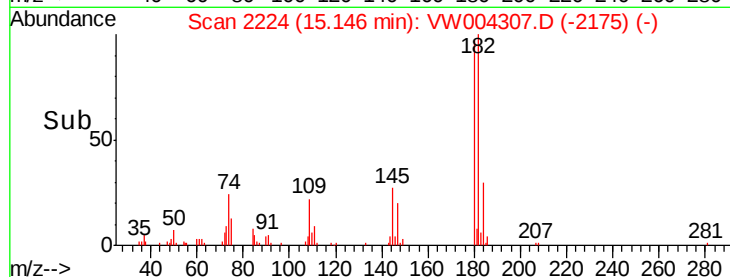
#93
 1,2,4-Trichlorobenzene
 Concen: 5.048 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW004307.D
 Acq: 29 Jul 2018 11:46

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:180 Resp: 14809
 Ion Ratio Lower Upper
 180 100
 182 98.6 47.3 141.8
 145 29.6 14.8 44.4

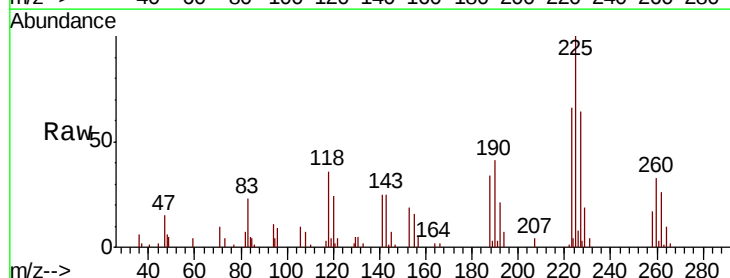


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

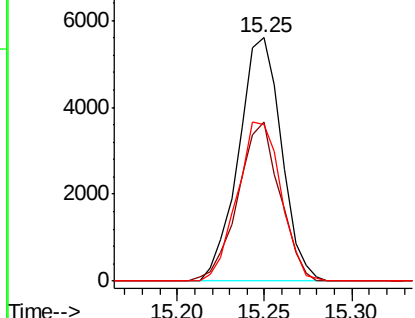
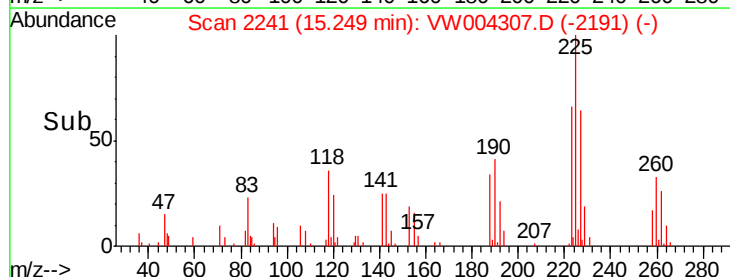


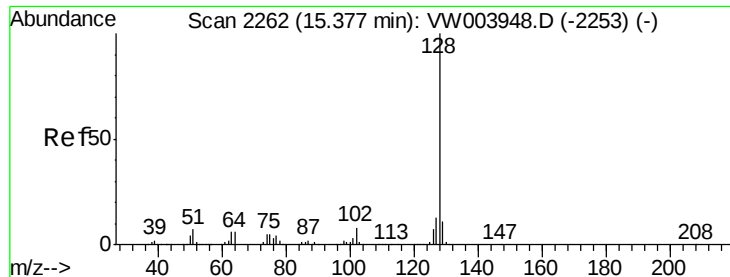
#94
 Hexachlorobutadiene
 Concen: 5.321 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.01 min
 Lab File: VW004307.D
 Acq: 29 Jul 2018 11:46

Tgt Ion:225 Resp: 9538
 Ion Ratio Lower Upper
 225 100
 223 64.2 31.0 93.0
 227 66.8 32.6 97.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

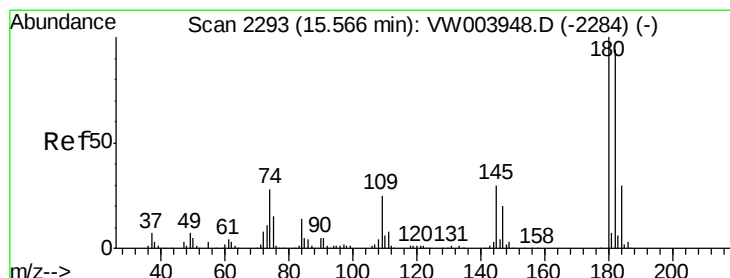
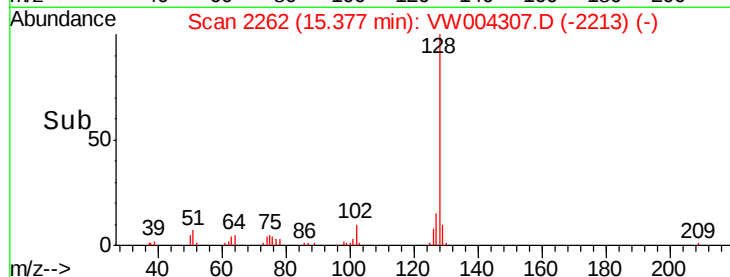
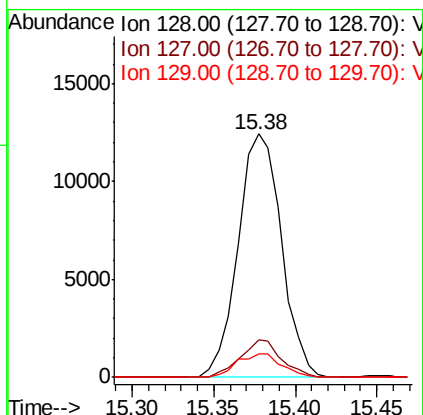
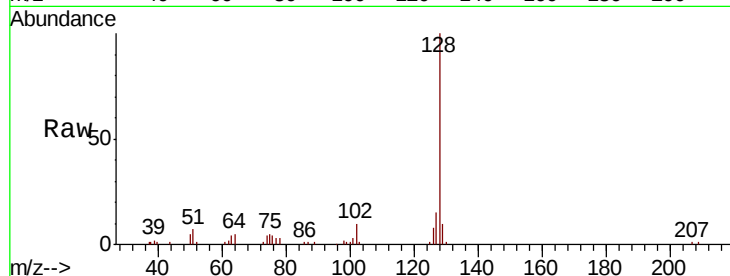




#95
Naphthalene
Concen: 4.537 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW004307.D
Acq: 29 Jul 2018 11:46

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 22899
Ion Ratio Lower Upper
128 100
127 14.6 10.4 15.6
129 9.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 5.086 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW004307.D
Acq: 29 Jul 2018 11:46

Tgt Ion:180 Resp: 13058
Ion Ratio Lower Upper
180 100
182 96.3 48.0 144.0
145 29.7 16.2 48.5

