

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082018\
 Data File : VW004809.D
 Acq On : 21 Aug 2018 00:45
 Operator : SY/AP
 Sample : VW0820BS02
 Misc : 5.05G/5ML/MSVOA_W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBS02

Quant Time: Aug 21 01:56:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	622301	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	961189	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	909727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	487694	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	321517	53.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.88%	
35) Dibromofluoromethane	7.88	113	324612	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	
50) Toluene-d8	10.33	98	1301994	54.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.58%	
62) 4-Bromofluorobenzene	12.62	95	467435	54.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.36%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	72682	17.632	ug/l 93
3) Chloromethane	2.21	50	104162	19.327	ug/l 98
4) Vinyl Chloride	2.37	62	171659	21.638	ug/l 98
5) Bromomethane	2.78	94	107981	22.040	ug/l 98
6) Chloroethane	2.93	64	103080	21.534	ug/l 98
7) Trichlorofluoromethane	3.25	101	85105	22.772	ug/l 94
8) Diethyl Ether	3.68	74	74057	21.917	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	136375	21.191	ug/l 100
10) Methyl Iodide	4.26	142	212861	21.779	ug/l 99
11) Tert butyl alcohol	5.23	59	34899	103.827	ug/l 96
12) 1,1-Dichloroethene	4.04	96	132832	20.713	ug/l 96
13) Acrolein	3.90	56	49912	110.656	ug/l 99
14) Allyl chloride	4.67	41	200303	20.582	ug/l 99
15) Acrylonitrile	5.37	53	152231	107.426	ug/l 99
16) Acetone	4.14	43	146889	95.641	ug/l 98
17) Carbon Disulfide	4.37	76	436988	20.735	ug/l 99
18) Methyl Acetate	4.68	43	72885	22.145	ug/l 99
19) Methyl tert-butyl Ether	5.43	73	183513	22.044	ug/l 94
20) Methylene Chloride	4.91	84	167433	21.409	ug/l 98
21) trans-1,2-Dichloroethene	5.42	96	144514	21.179	ug/l 97
22) Diisopropyl ether	6.32	45	426655	22.809	ug/l 97
23) Vinyl Acetate	6.26	43	1122957	106.134	ug/l 100
24) 1,1-Dichloroethane	6.21	63	258989	21.306	ug/l 99
25) 2-Butanone	7.18	43	225298	102.957	ug/l 100
26) 2,2-Dichloropropane	7.17	77	147040	20.943	ug/l 99
27) cis-1,2-Dichloroethene	7.17	96	156462	21.300	ug/l 99
28) Bromochloromethane	7.51	49	108208	21.139	ug/l 100
29) Tetrahydrofuran	7.54	42	119296	106.910	ug/l 98
30) Chloroform	7.68	83	254087	21.253	ug/l 97
31) Cyclohexane	7.96	56	241565	20.545	ug/l 97
32) 1,1,1-Trichloroethane	7.87	97	203865	21.512	ug/l 99
36) 1,1-Dichloropropene	8.09	75	202783	20.479	ug/l 100
37) Ethyl Acetate	7.26	43	83696	21.204	ug/l 99
38) Carbon Tetrachloride	8.07	117	186941	20.510	ug/l 99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	245104	19.793	ug/l	99
40) Benzene	8.33	78	604671	21.012	ug/l	100
41) Methacrylonitrile	7.49	41	50236	22.426	ug/l	99
42) 1,2-Dichloroethane	8.40	62	154565	20.946	ug/l	99
43) Isopropyl Acetate	8.43	43	144947	20.444	ug/l	98
44) Trichloroethene	9.10	130	149017	20.400	ug/l	100
45) 1,2-Dichloropropane	9.37	63	146971	20.879	ug/l	98
46) Dibromomethane	9.46	93	72355	20.748	ug/l	98
47) Bromodichloromethane	9.65	83	173224	20.799	ug/l	99
48) Methyl methacrylate	9.44	41	70599	21.221	ug/l	97
49) 1,4-Dioxane	9.48	88	22988	451.199	ug/l #	84
51) 4-Methyl-2-Pentanone	10.21	43	505716	105.538	ug/l	100
52) Toluene	10.39	92	371851	21.546	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	172717	20.584	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	207970	20.790	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	107036	21.593	ug/l	100
56) Ethyl methacrylate	10.65	69	121476	20.620	ug/l	97
57) 1,3-Dichloropropane	10.94	76	184438	21.555	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	294660	107.635	ug/l	99
59) 2-Hexanone	10.98	43	339538	104.577	ug/l	99
60) Dibromochloromethane	11.13	129	116848	21.010	ug/l	98
61) 1,2-Dibromoethane	11.24	107	99576	21.015	ug/l	100
64) Tetrachloroethene	10.87	164	131463	21.145	ug/l	99
65) Chlorobenzene	11.66	112	409424	20.910	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	137146	20.744	ug/l	97
67) Ethyl Benzene	11.74	91	691715	20.839	ug/l	99
68) m/p-Xylenes	11.85	106	544122	42.133	ug/l	98
69) o-Xylene	12.17	106	251717	21.055	ug/l	99
70) Styrene	12.19	104	427293	21.277	ug/l	100
71) Bromoform	12.35	173	72660	20.822	ug/l #	99
73) Isopropylbenzene	12.47	105	685925	20.674	ug/l	100
74) N-amyl acetate	12.28	43	139890	20.574	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	130003	21.152	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	161227	37.502	ug/l #	100
77) Bromobenzene	12.76	156	167004	20.795	ug/l	99
78) n-propylbenzene	12.81	91	857580	21.182	ug/l	99
79) 2-Chlorotoluene	12.90	91	494069	21.171	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	605256	21.473	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	35225	19.044	ug/l	97
82) 4-Chlorotoluene	12.99	91	523606	21.117	ug/l	100
83) tert-Butylbenzene	13.21	119	499362	20.712	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	624420	21.532	ug/l	99
85) sec-Butylbenzene	13.39	105	750730	20.856	ug/l	100
86) p-Isopropyltoluene	13.51	119	660996	21.105	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	341006	20.875	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	340362	20.845	ug/l	99
89) n-Butylbenzene	13.83	91	614113	20.280	ug/l	100
90) Hexachloroethane	14.10	117	115283	20.194	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	303051	20.655	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19963	20.782	ug/l	95

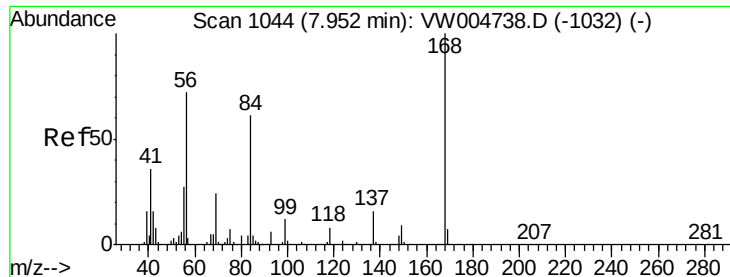
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	211462	20.377	ug/l	99
94) Hexachlorobutadiene	15.24	225	129996	20.409	ug/l	99
95) Naphthalene	15.38	128	358769	20.099	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	190814	20.735	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: VW004809.D

Acq: 21 Aug 2018 00:45

Instrument :

MSVOA_W

ClientSampleId :

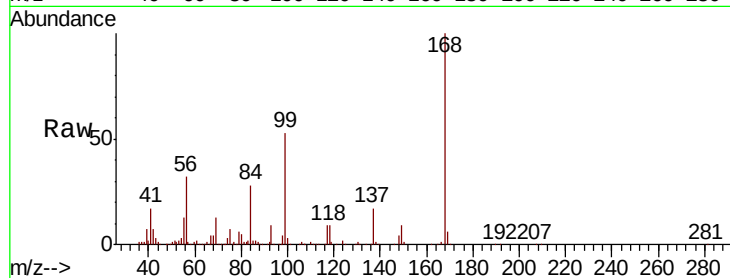
VW0820SBS02

Tgt Ion:168 Resp: 622301

Ion Ratio Lower Upper

168 100

99 52.9 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

300000

250000

200000

150000

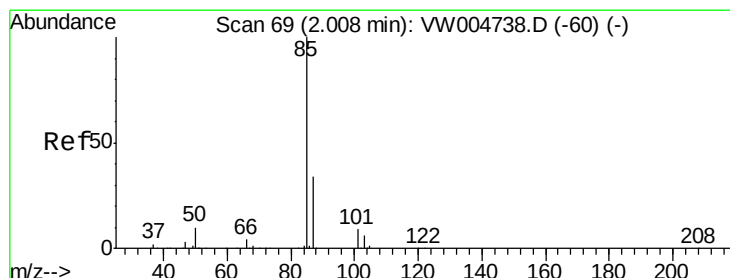
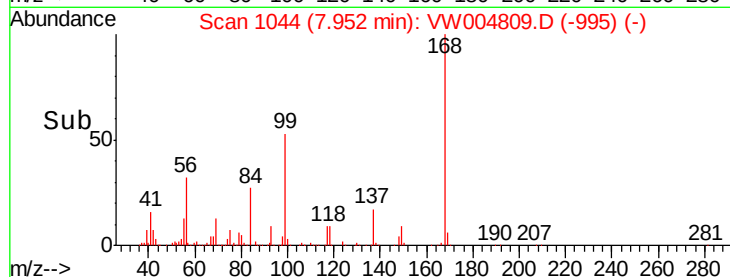
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 17.632 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VW004809.D

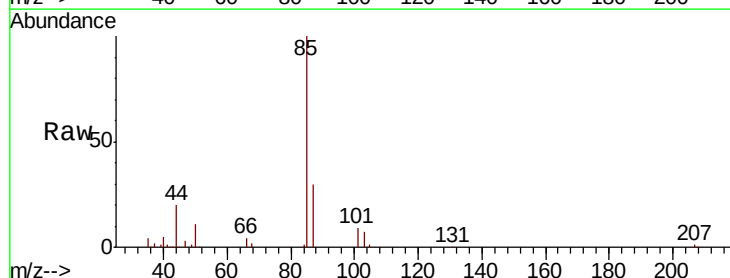
Acq: 21 Aug 2018 00:45

Tgt Ion: 85 Resp: 72682

Ion Ratio Lower Upper

85 100

87 29.7 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

25000

20000

15000

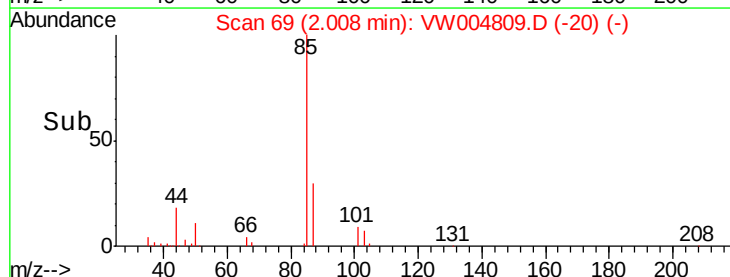
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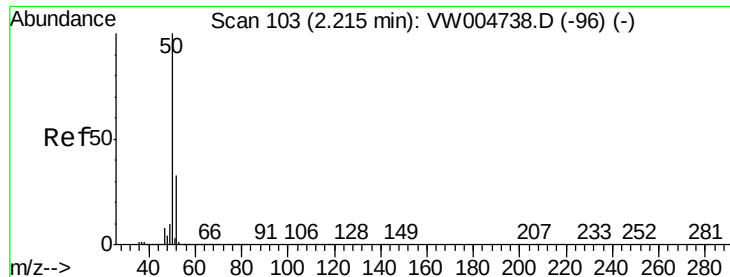
5000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 19.327 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.01 min

Lab File: VW004809.D

Acq: 21 Aug 2018 00:45

Instrument :

MSVOA_W

ClientSampleId :

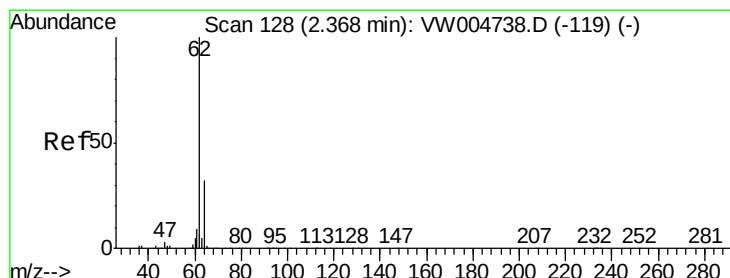
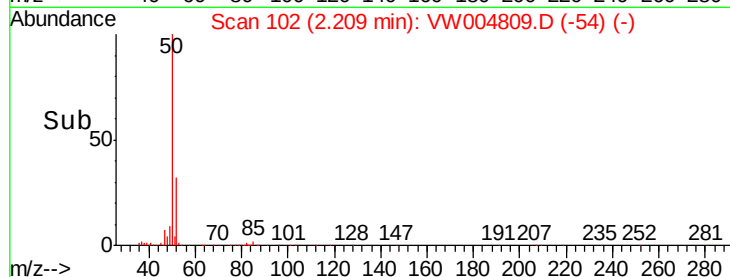
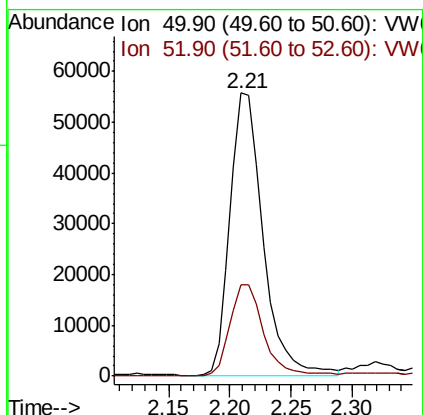
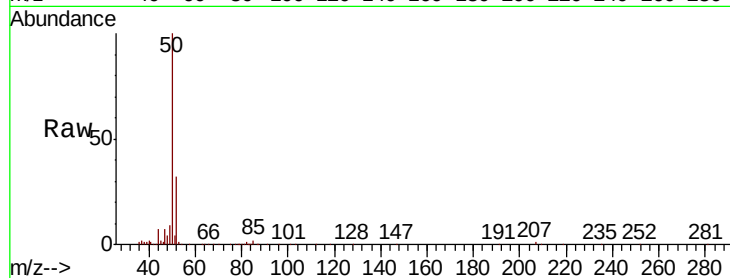
VW0820SBS02

Tgt Ion: 50 Resp: 104162

Ion Ratio Lower Upper

50 100

52 32.4 26.7 40.1



#4

Vinyl Chloride

Concen: 21.638 ug/l

RT: 2.37 min Scan# 128

Delta R.T. -0.00 min

Lab File: VW004809.D

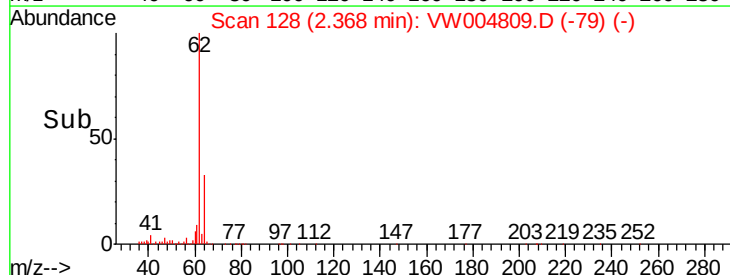
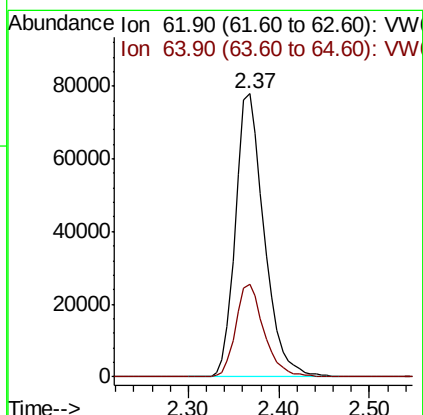
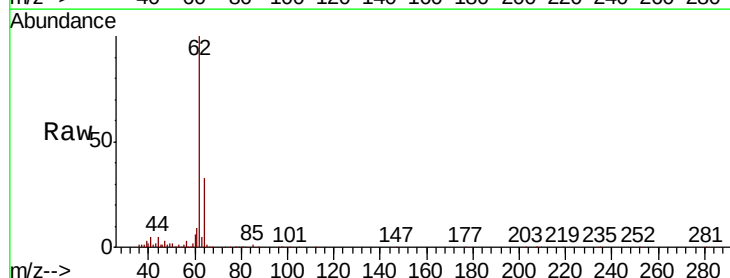
Acq: 21 Aug 2018 00:45

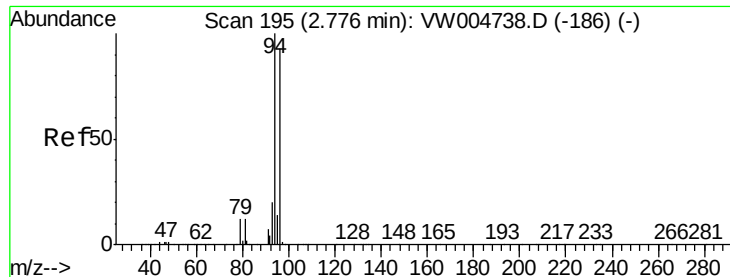
Tgt Ion: 62 Resp: 171659

Ion Ratio Lower Upper

62 100

64 32.7 25.2 37.8





#5

Bromomethane

Concen: 22.040 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VW004809.D

Acq: 21 Aug 2018 00:45

Instrument :

MSVOA_W

ClientSampleId :

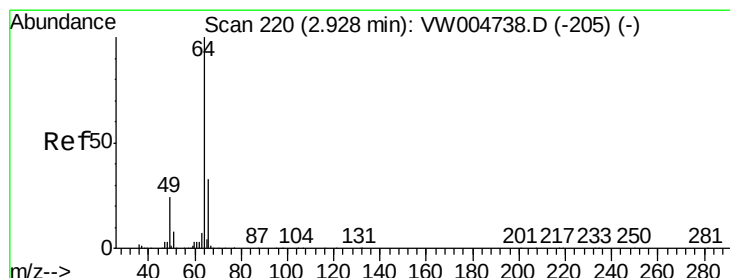
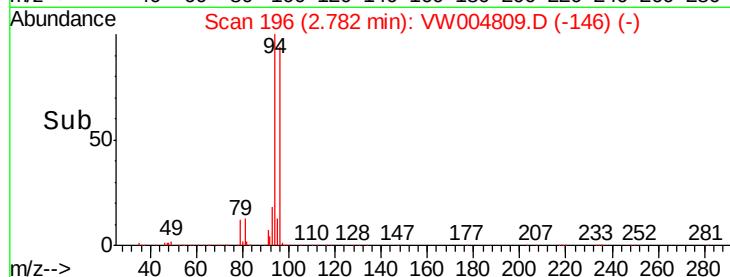
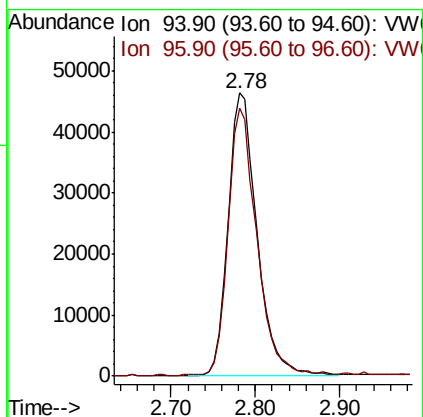
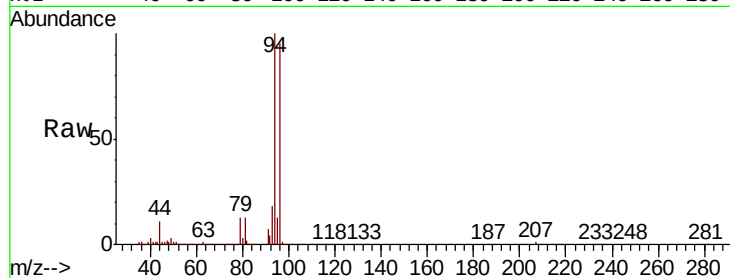
VW0820SBS02

Tgt Ion: 94 Resp: 107981

Ion Ratio Lower Upper

94 100

96 94.4 74.3 111.5



#6

Chloroethane

Concen: 21.534 ug/l

RT: 2.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VW004809.D

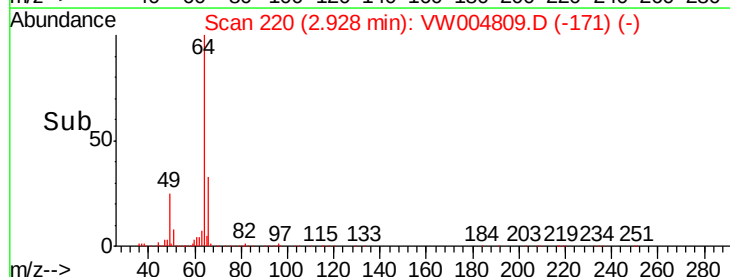
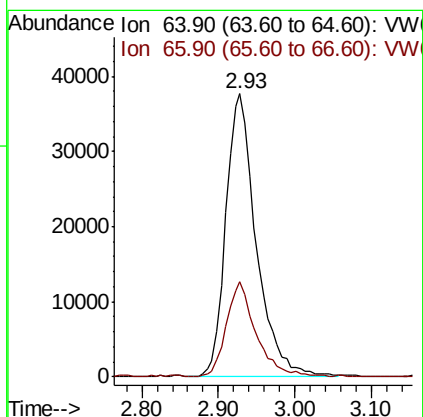
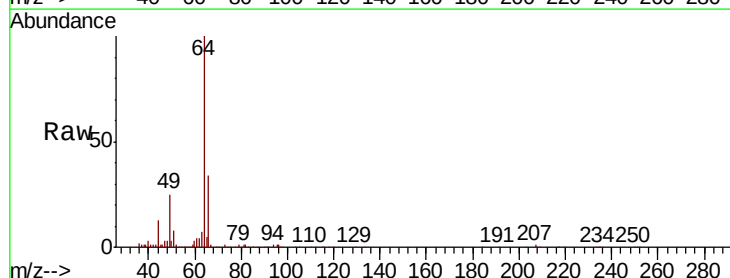
Acq: 21 Aug 2018 00:45

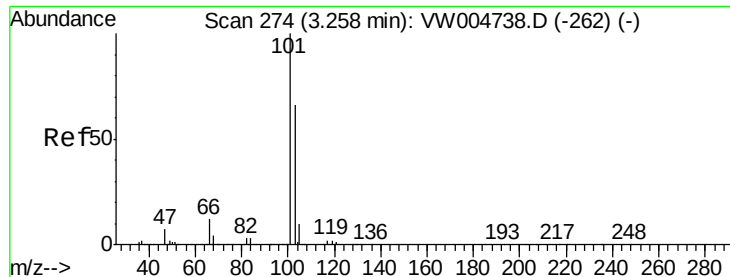
Tgt Ion: 64 Resp: 103080

Ion Ratio Lower Upper

64 100

66 33.6 26.1 39.1



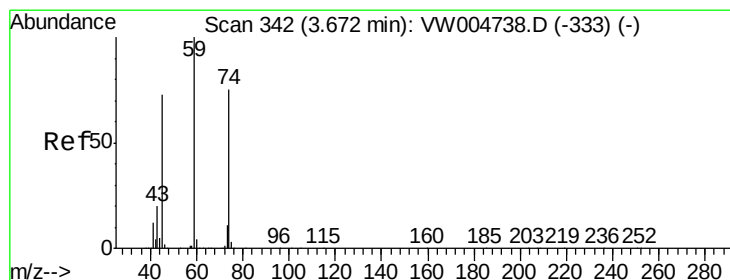
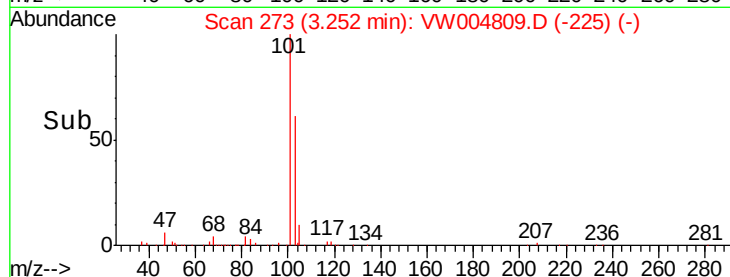
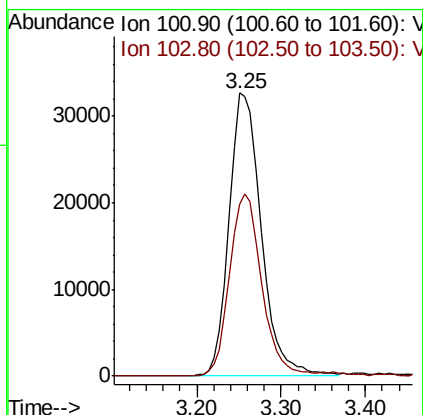
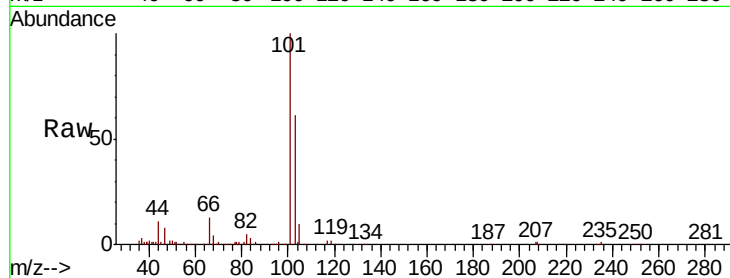


#7

Trichlorofluoromethane
Concen: 22.772 ug/l
RT: 3.25 min Scan# 273
Delta R.T. -0.01 min
Lab File: VW004809.D
Acq: 21 Aug 2018 00:45

Instrument :
MSVOA_W
ClientSampleId :
VW0820SBS02

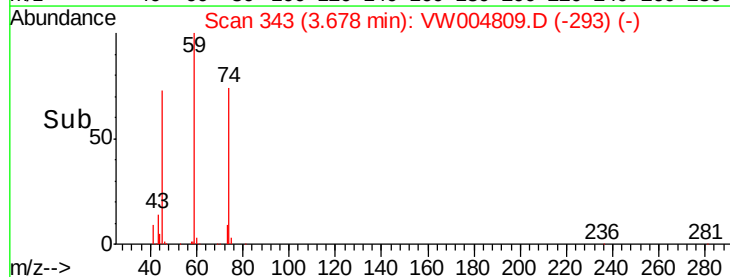
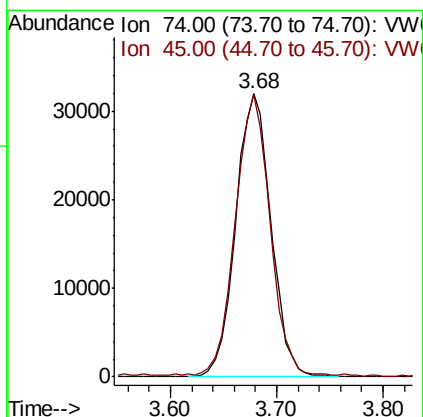
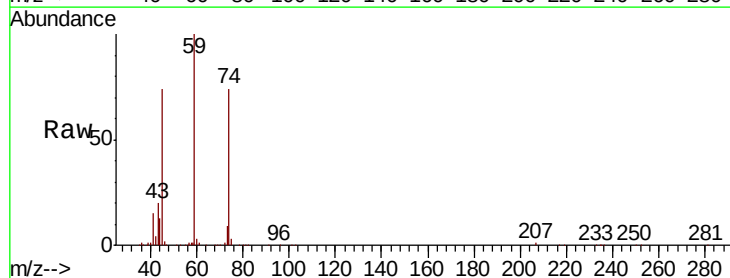
Tgt Ion:101 Resp: 85105
Ion Ratio Lower Upper
101 100
103 60.7 52.5 78.7

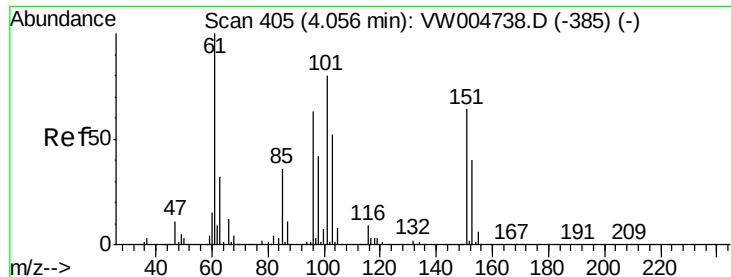


#8

Diethyl Ether
Concen: 21.917 ug/l
RT: 3.68 min Scan# 343
Delta R.T. 0.01 min
Lab File: VW004809.D
Acq: 21 Aug 2018 00:45

Tgt Ion: 74 Resp: 74057
Ion Ratio Lower Upper
74 100
45 97.7 49.8 149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.191 ug/l

RT: 4.06 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW004809.D

Acq: 21 Aug 2018 00:45

Instrument :

MSVOA_W

ClientSampleId :

VW0820SBS02

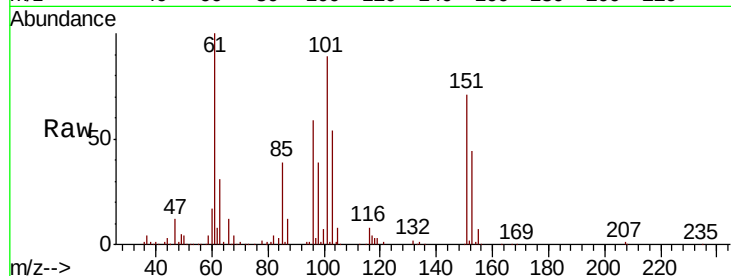
Tgt Ion:101 Resp: 136375

Ion Ratio Lower Upper

101 100

85 42.5 33.9 50.9

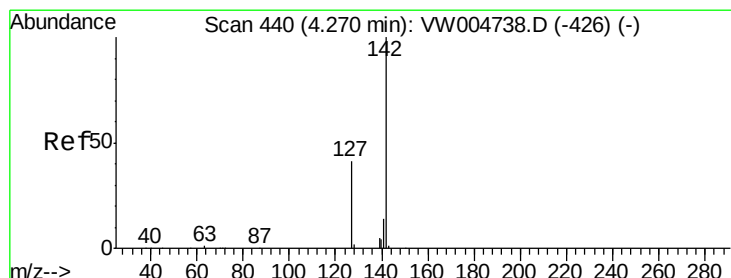
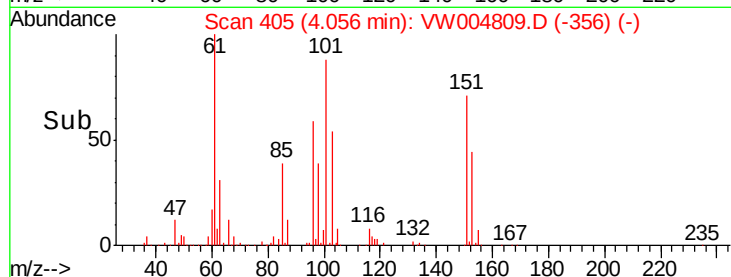
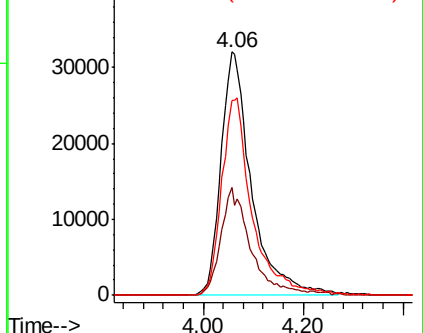
151 79.0 63.4 95.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.779 ug/l

RT: 4.26 min Scan# 439

Delta R.T. -0.01 min

Lab File: VW004809.D

Acq: 21 Aug 2018 00:45

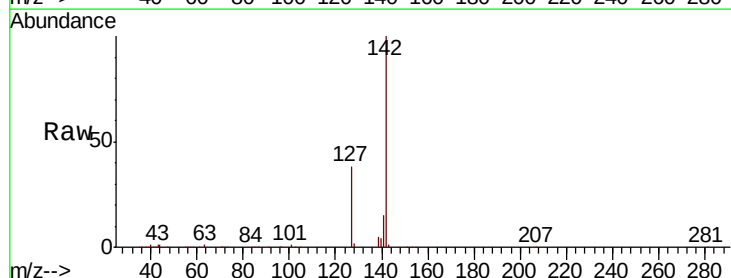
Tgt Ion:142 Resp: 212861

Ion Ratio Lower Upper

142 100

127 39.2 32.1 48.1

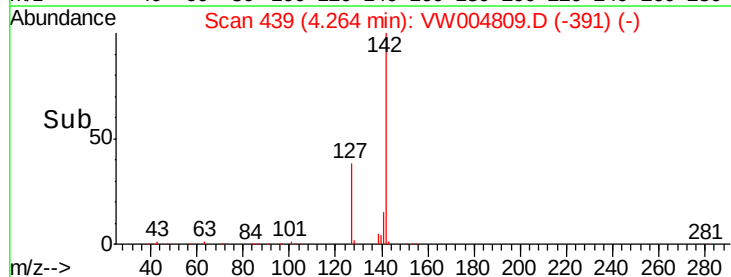
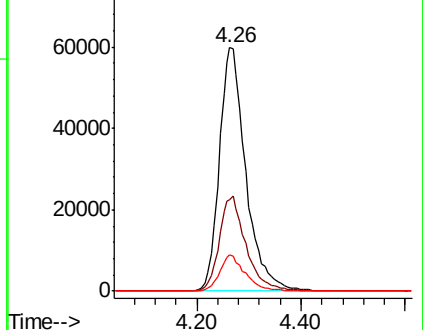
141 14.3 11.7 17.5

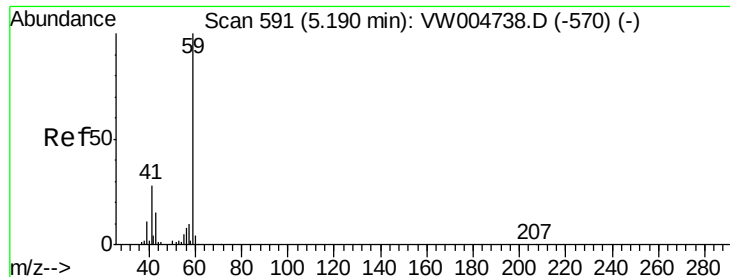


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



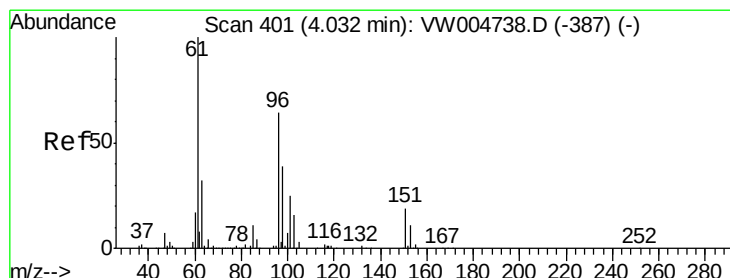
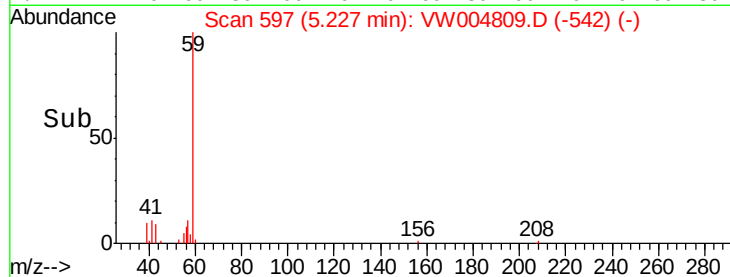
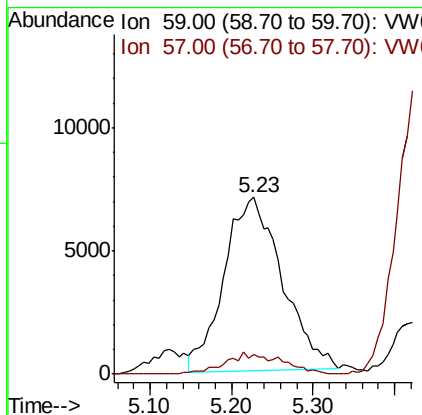
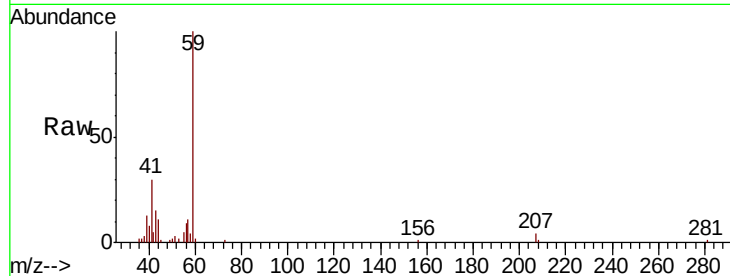


#11

Tert butyl alcohol
 Concen: 103.827 ug/l
 RT: 5.23 min Scan# 597
 Delta R.T. 0.04 min
 Lab File: VW004809.D
 Acq: 21 Aug 2018 00:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBS02

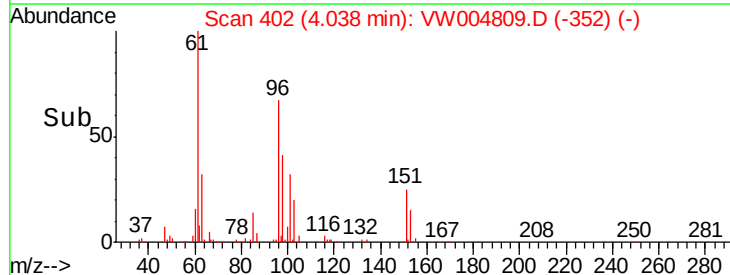
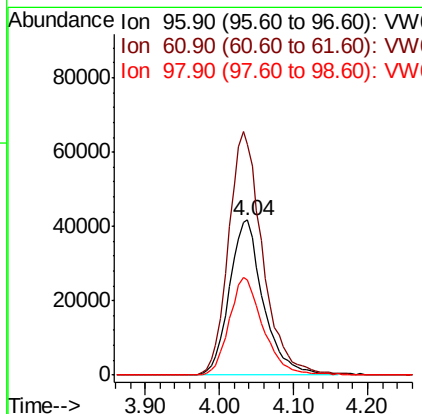
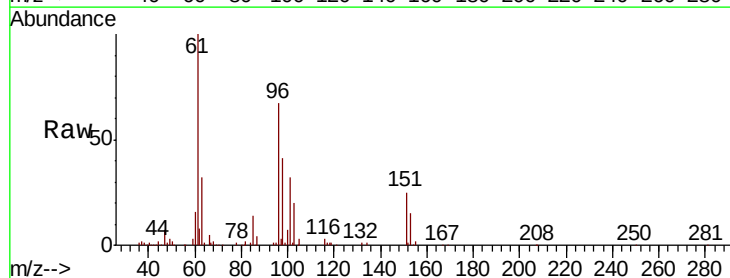
Tgt Ion: 59 Resp: 34899
 Ion Ratio Lower Upper
 59 100
 57 12.1 8.4 12.6

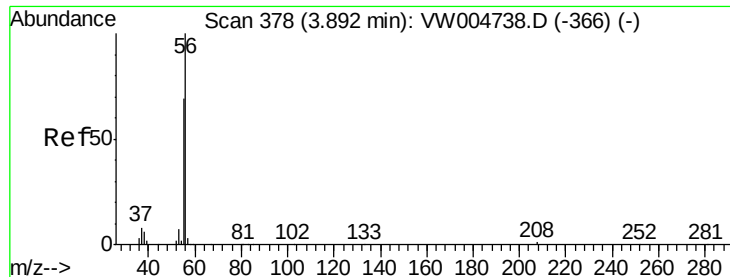


#12

1,1-Dichloroethene
 Concen: 20.713 ug/l
 RT: 4.04 min Scan# 402
 Delta R.T. 0.01 min
 Lab File: VW004809.D
 Acq: 21 Aug 2018 00:45

Tgt Ion: 96 Resp: 132832
 Ion Ratio Lower Upper
 96 100
 61 149.6 125.6 188.4
 98 61.7 49.4 74.0

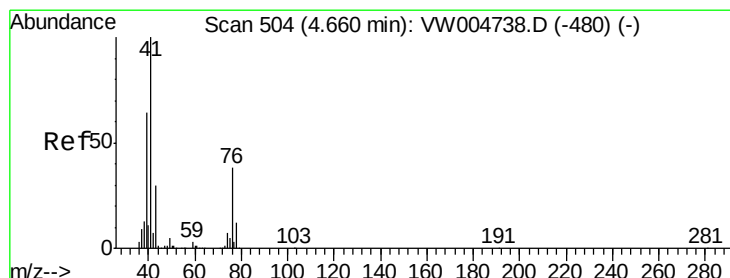
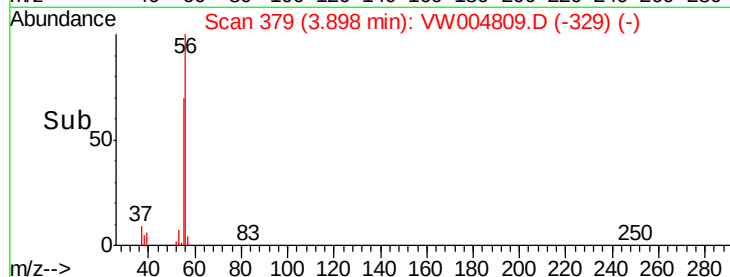
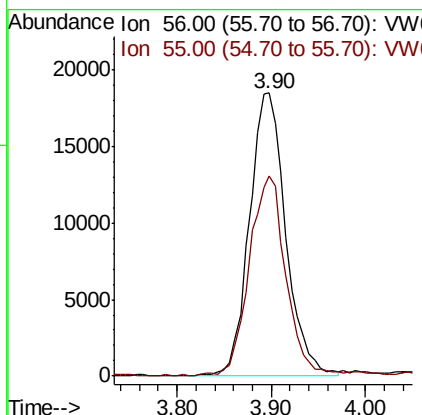
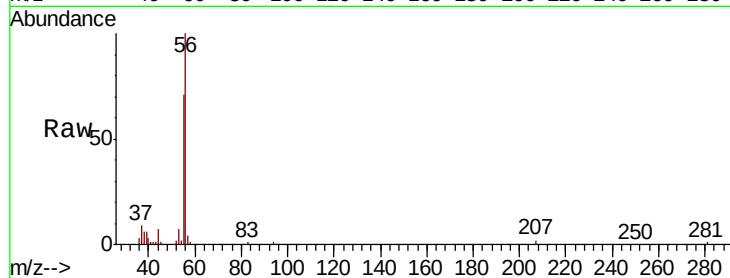




#13
 Acrolein
 Concen: 110.656 ug/l
 RT: 3.90 min Scan# 379
 Delta R.T. 0.01 min
 Lab File: VW004809.D
 Acq: 21 Aug 2018 00:45

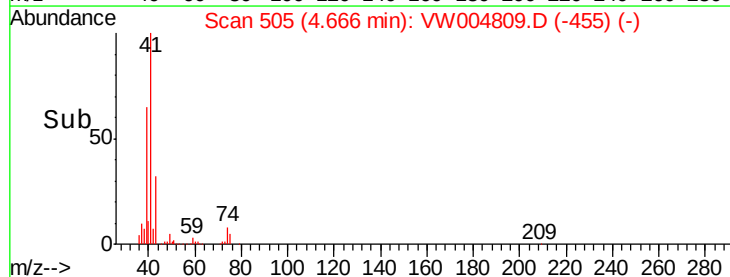
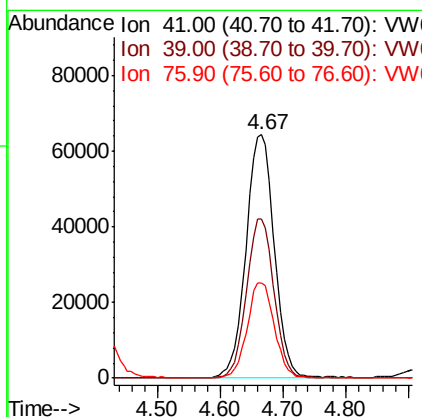
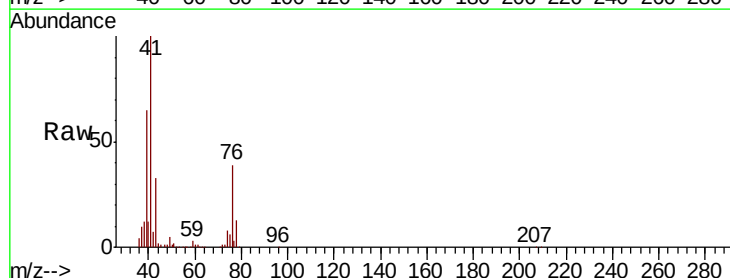
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBS02

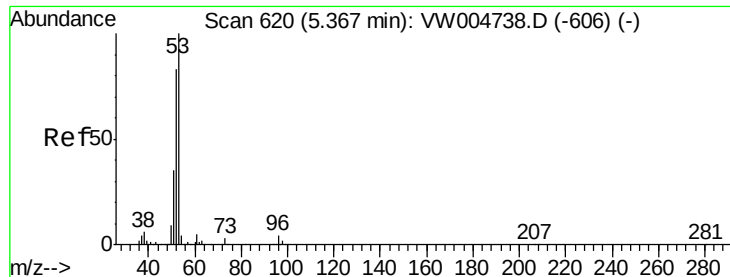
Tgt Ion: 56 Resp: 49912
 Ion Ratio Lower Upper
 56 100
 55 71.2 56.1 84.1



#14
 Allyl chloride
 Concen: 20.582 ug/l
 RT: 4.67 min Scan# 505
 Delta R.T. 0.01 min
 Lab File: VW004809.D
 Acq: 21 Aug 2018 00:45

Tgt Ion: 41 Resp: 200303
 Ion Ratio Lower Upper
 41 100
 39 63.6 50.0 75.0
 76 37.7 29.8 44.6





#15

Acrylonitrile

Concen: 107.426 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.01 min

Lab File: VW004809.D

Acq: 21 Aug 2018 00:45

Instrument :

MSVOA_W

ClientSampleId :

VW0820SBS02

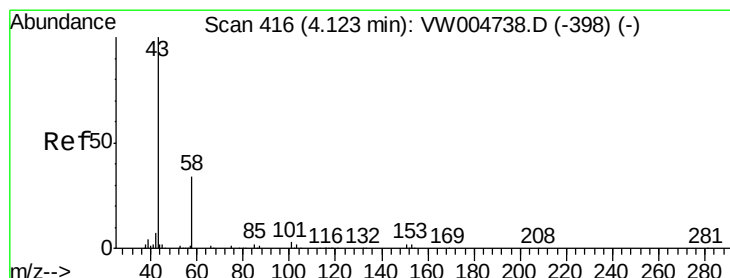
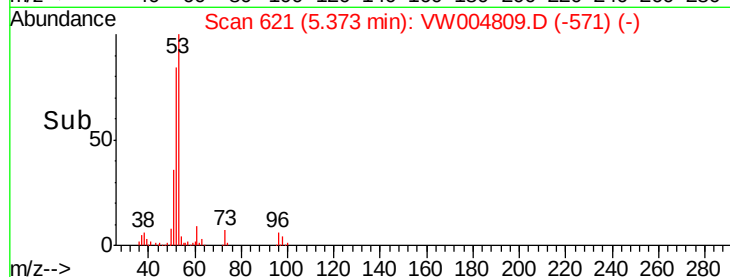
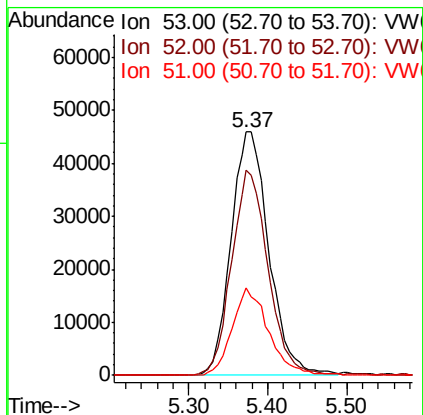
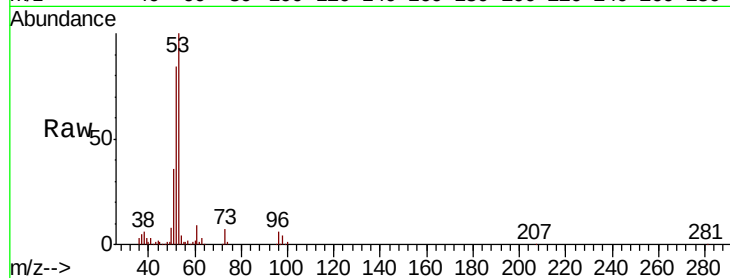
Tgt Ion: 53 Resp: 152231

Ion Ratio Lower Upper

53 100

52 81.7 65.8 98.6

51 34.8 28.7 43.1



#16

Acetone

Concen: 95.641 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.02 min

Lab File: VW004809.D

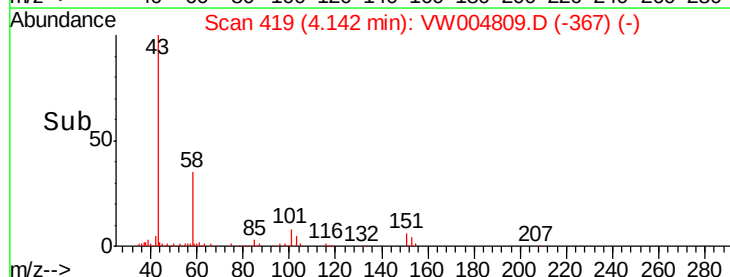
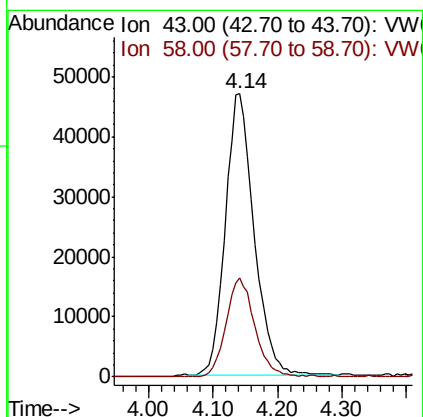
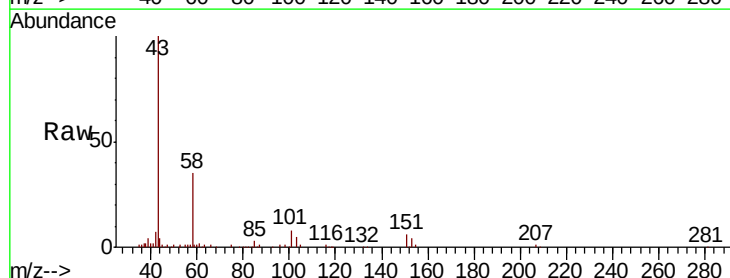
Acq: 21 Aug 2018 00:45

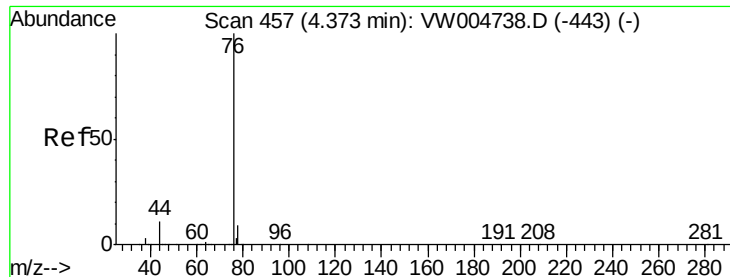
Tgt Ion: 43 Resp: 146889

Ion Ratio Lower Upper

43 100

58 35.0 27.3 40.9





#17

Carbon Disulfide

Concen: 20.735 ug/l

RT: 4.37 min Scan# 457

Delta R.T. -0.00 min

Lab File: VW004809.D

Acq: 21 Aug 2018 00:45

Instrument :

MSVOA_W

ClientSampleId :

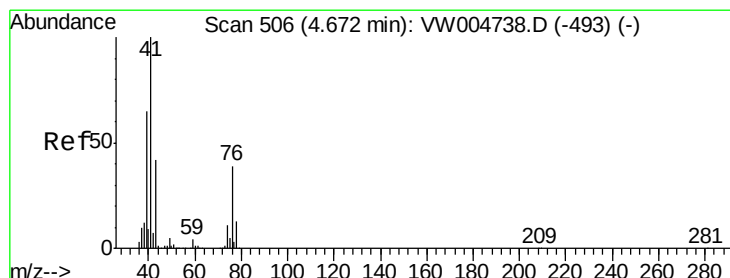
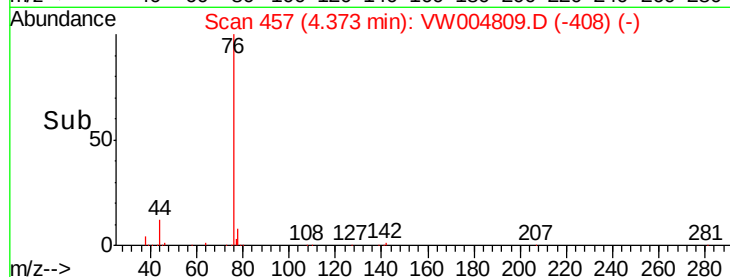
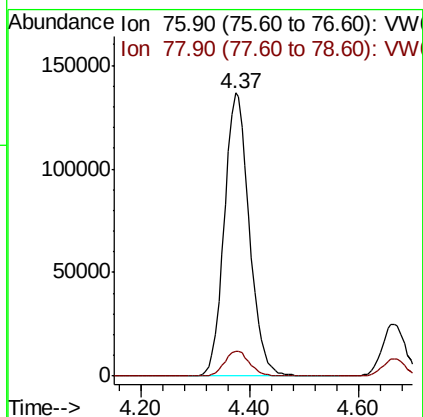
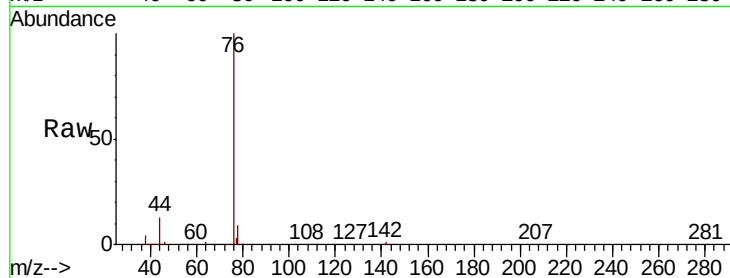
VW0820SBS02

Tgt Ion: 76 Resp: 436988

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.2



#18

Methyl Acetate

Concen: 22.145 ug/l

RT: 4.68 min Scan# 507

Delta R.T. 0.01 min

Lab File: VW004809.D

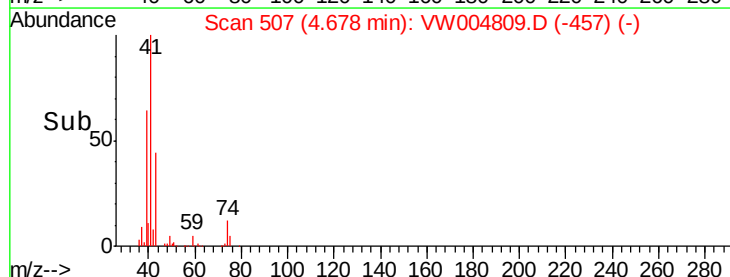
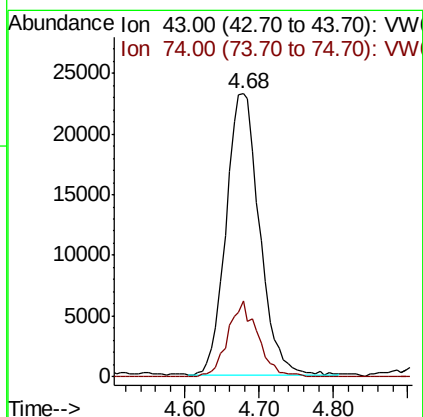
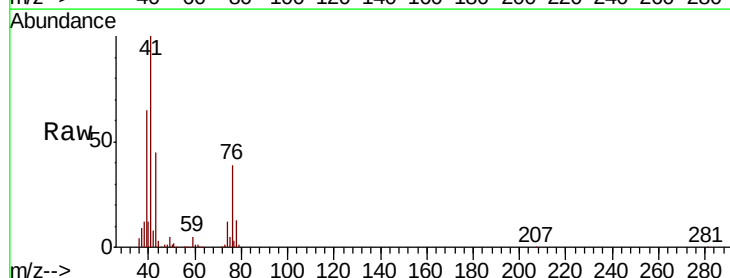
Acq: 21 Aug 2018 00:45

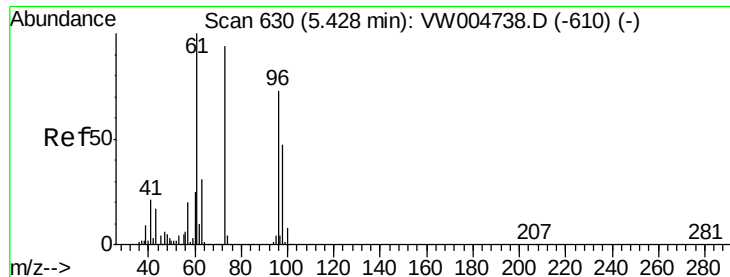
Tgt Ion: 43 Resp: 72885

Ion Ratio Lower Upper

43 100

74 24.3 19.8 29.8



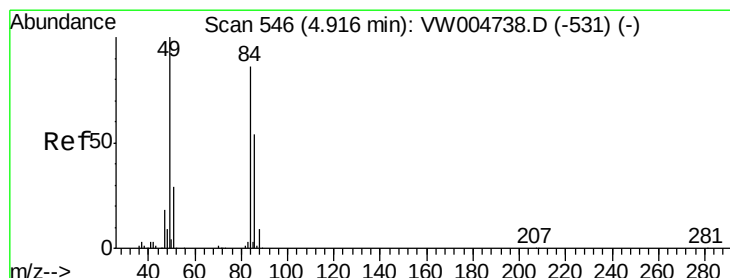
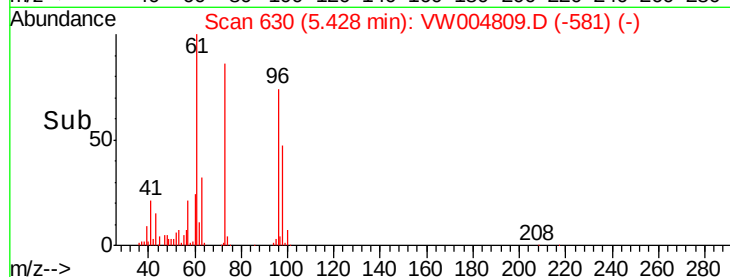
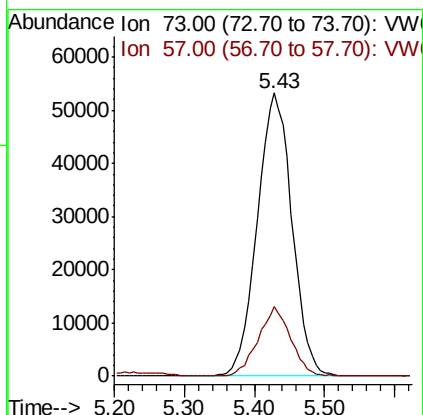
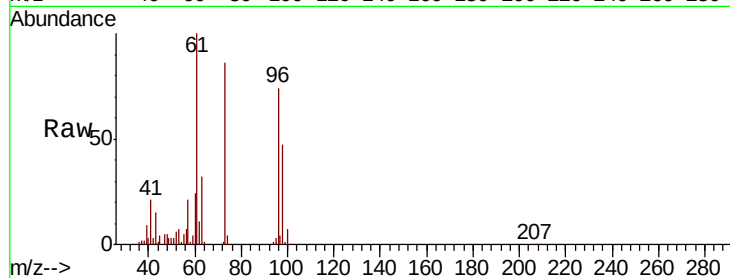


#19

Methyl tert-butyl Ether
 Concen: 22.044 ug/l
 RT: 5.43 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: VW004809.D
 Acq: 21 Aug 2018 00:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBS02

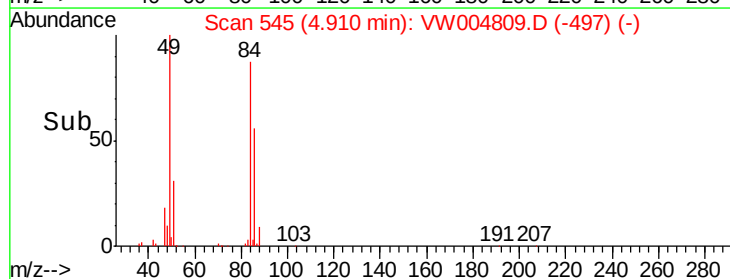
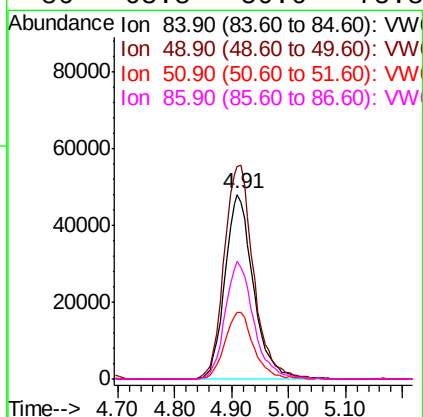
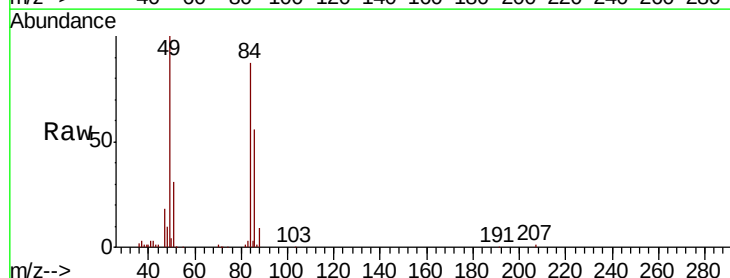
Tgt Ion: 73 Resp: 183513
 Ion Ratio Lower Upper
 73 100
 57 24.4 17.3 25.9

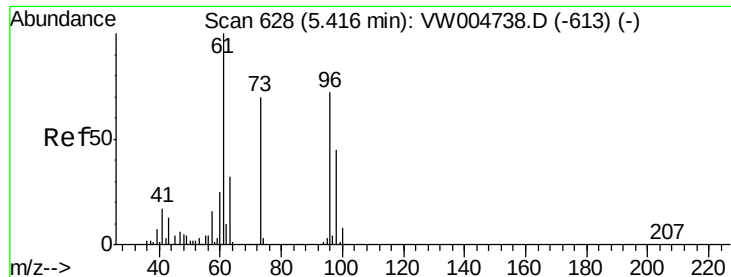


#20

Methylene Chloride
 Concen: 21.409 ug/l
 RT: 4.91 min Scan# 545
 Delta R.T. -0.01 min
 Lab File: VW004809.D
 Acq: 21 Aug 2018 00:45

Tgt Ion: 84 Resp: 167433
 Ion Ratio Lower Upper
 84 100
 49 115.0 93.2 139.8
 51 36.1 27.4 41.0
 86 63.8 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 21.179 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW004809.D

Acq: 21 Aug 2018 00:45

Instrument :

MSVOA_W

ClientSampleId :

VW0820SBS02

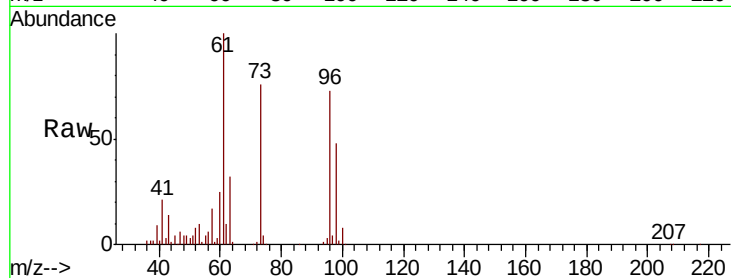
Tgt Ion: 96 Resp: 144514

Ion Ratio Lower Upper

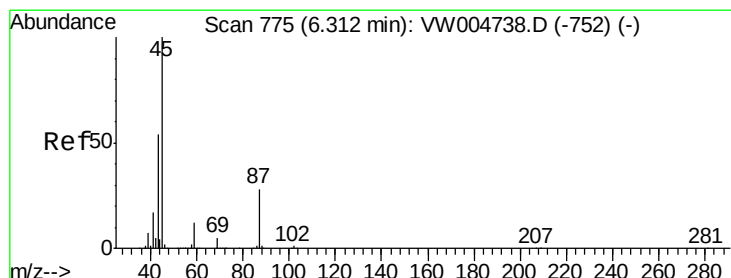
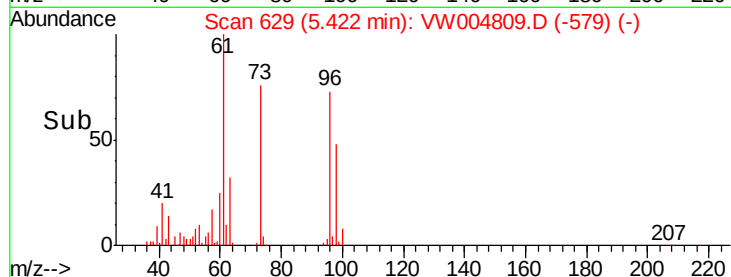
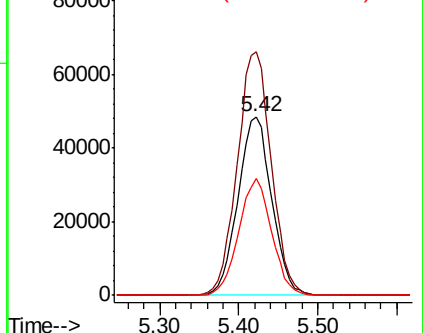
96 100

61 136.1 111.4 167.0

98 65.6 49.7 74.5



Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 22.809 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.01 min

Lab File: VW004809.D

Acq: 21 Aug 2018 00:45

Tgt Ion: 45 Resp: 426655

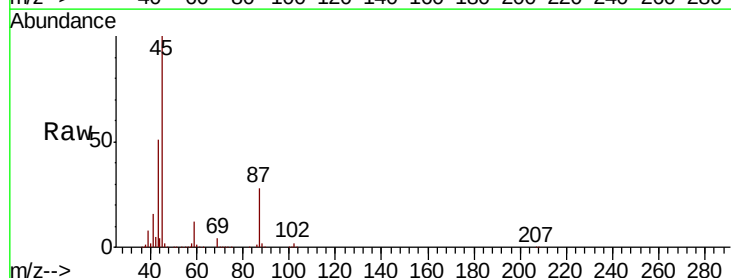
Ion Ratio Lower Upper

45 100

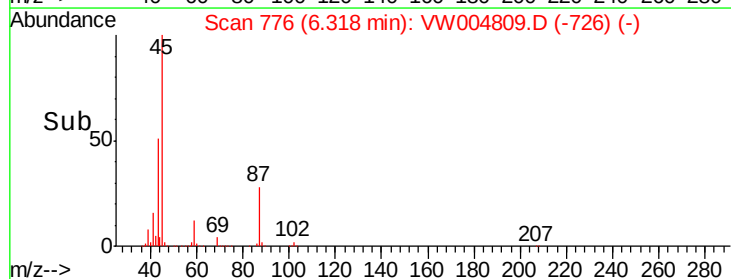
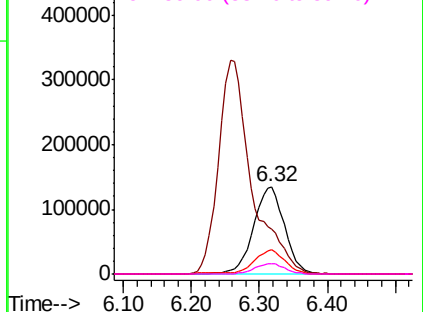
43 50.5 43.0 64.6

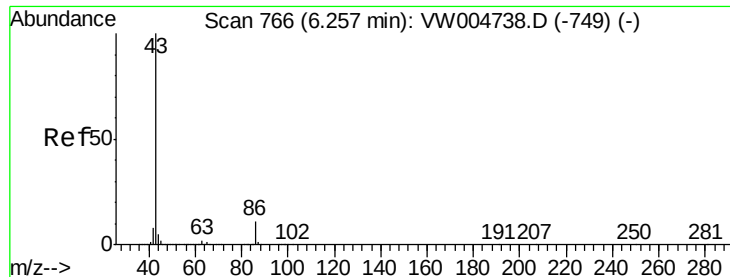
87 27.6 22.2 33.4

59 11.8 9.8 14.6



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 106.134 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW004809.D

Acq: 21 Aug 2018 00:45

Instrument :

MSVOA_W

ClientSampleId :

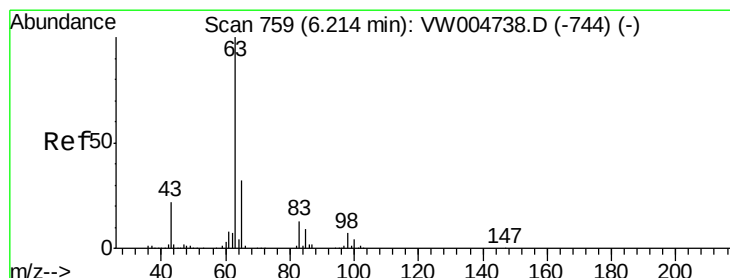
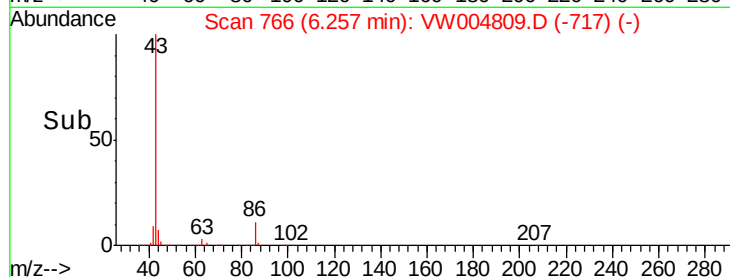
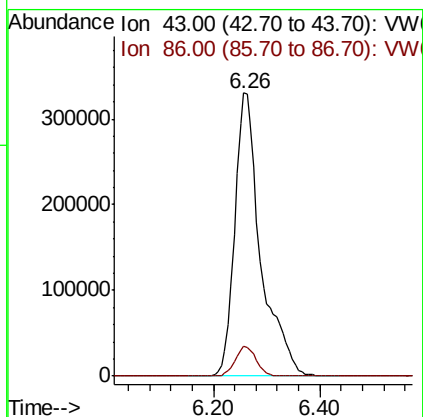
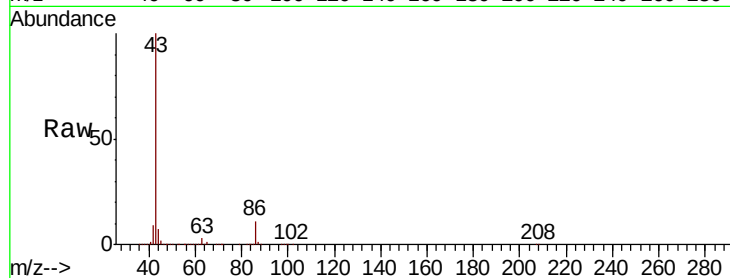
VW0820SBS02

Tgt Ion: 43 Resp: 1122957

Ion Ratio Lower Upper

43 100

86 10.7 8.5 12.7



#24

1,1-Dichloroethane

Concen: 21.306 ug/l

RT: 6.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VW004809.D

Acq: 21 Aug 2018 00:45

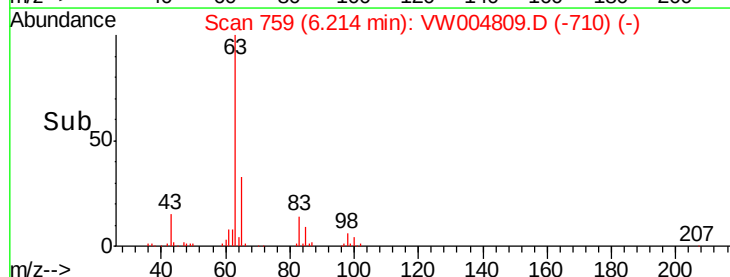
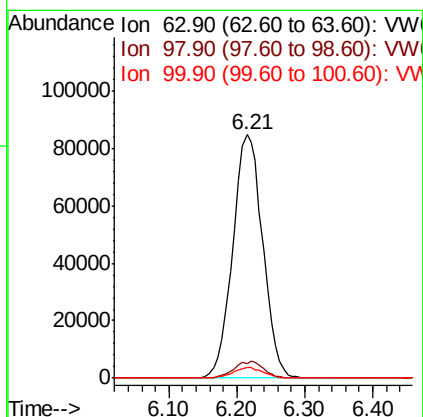
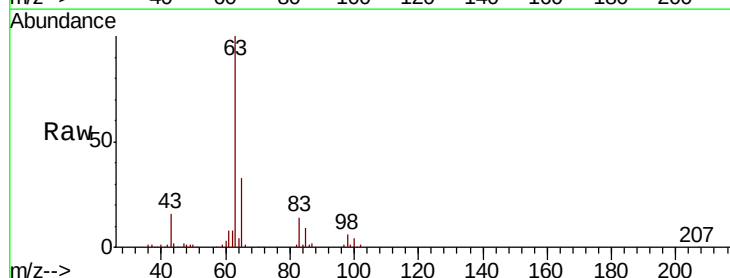
Tgt Ion: 63 Resp: 258989

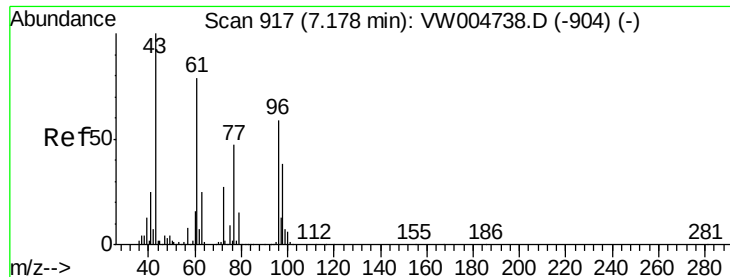
Ion Ratio Lower Upper

63 100

98 6.1 3.5 10.4

100 4.2 2.1 6.3





#25

2-Butanone

Concen: 102.957 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW004809.D

Acq: 21 Aug 2018 00:45

Instrument :

MSVOA_W

ClientSampleId :

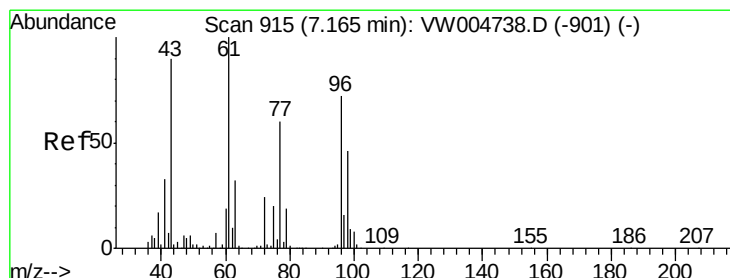
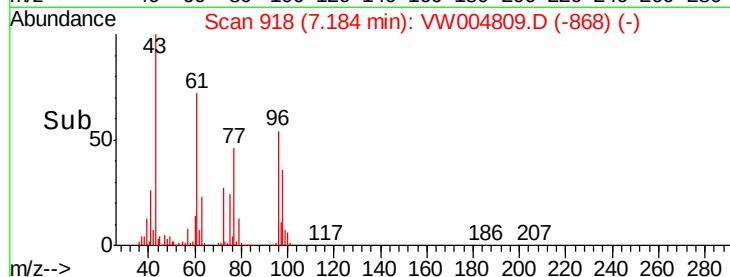
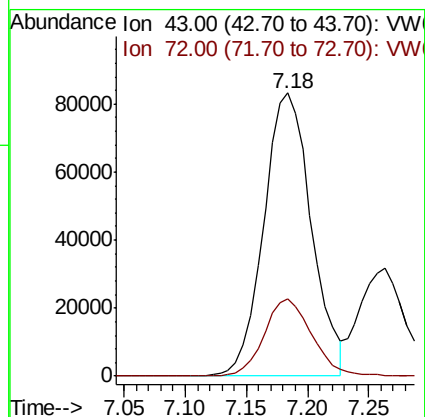
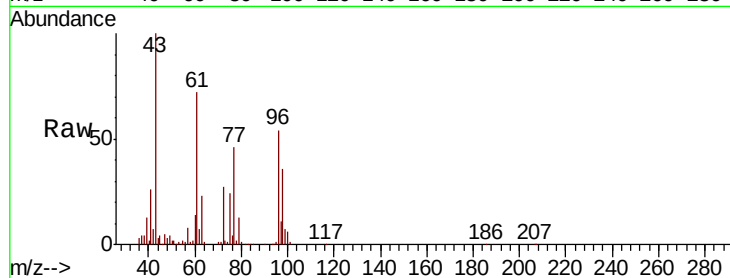
VW0820SBS02

Tgt Ion: 43 Resp: 225298

Ion Ratio Lower Upper

43 100

72 27.3 22.0 33.0



#26

2,2-Dichloropropane

Concen: 20.943 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW004809.D

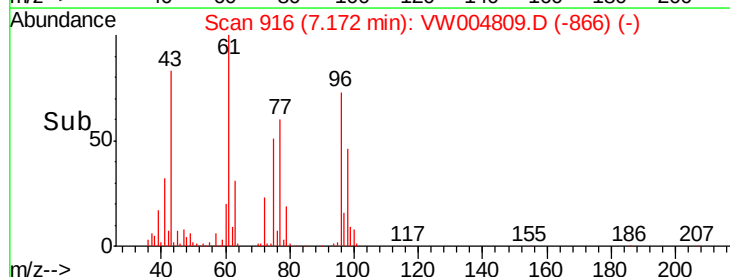
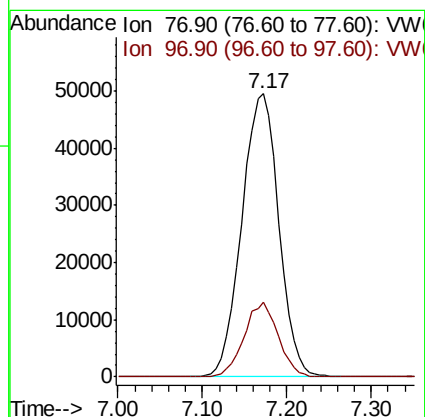
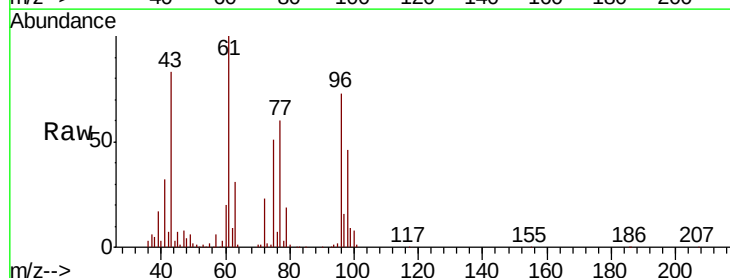
Acq: 21 Aug 2018 00:45

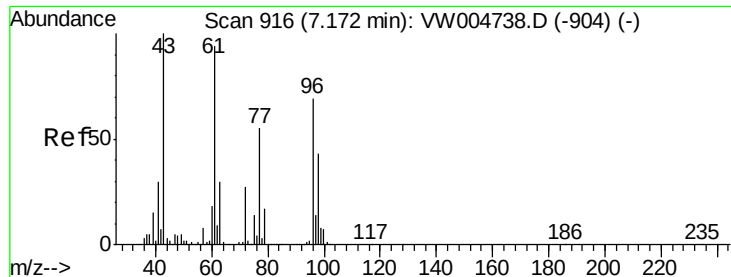
Tgt Ion: 77 Resp: 147040

Ion Ratio Lower Upper

77 100

97 24.5 12.6 37.8

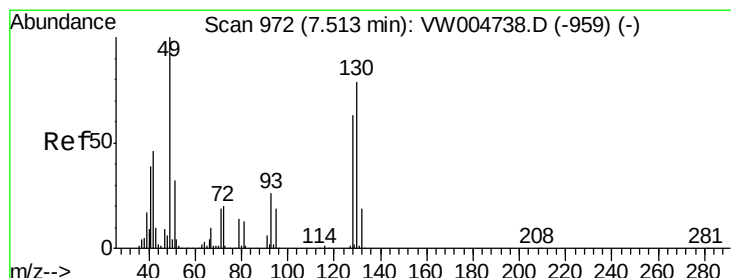
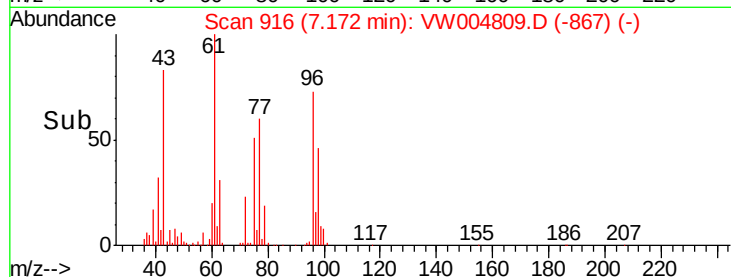
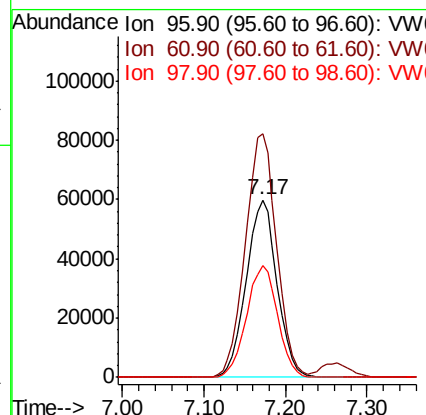
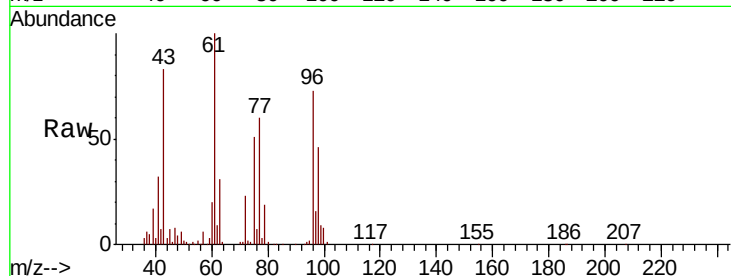




#27
 cis-1,2-Dichloroethene
 Concen: 21.300 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: VW004809.D
 Acq: 21 Aug 2018 00:45

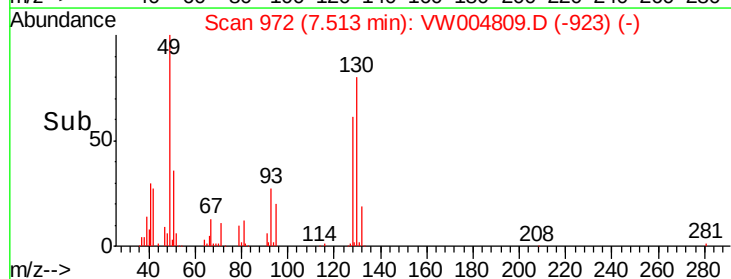
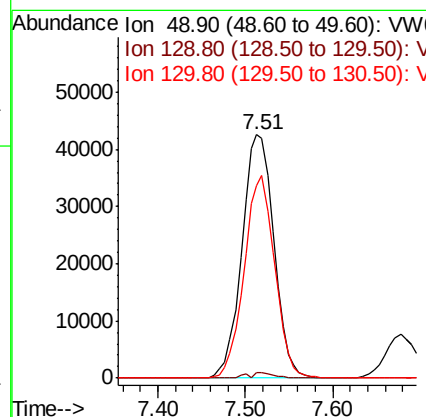
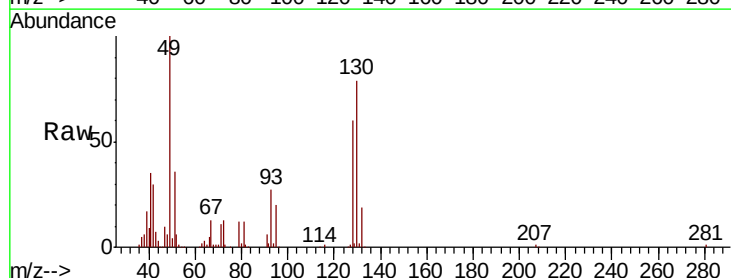
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBS02

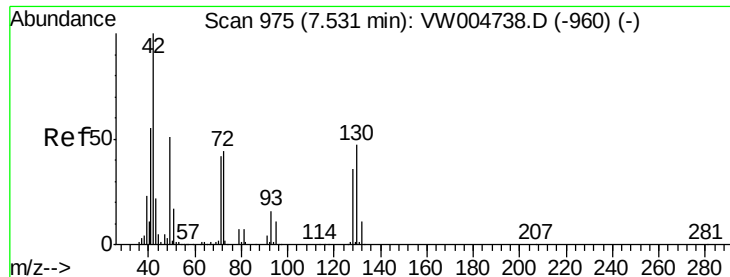
Tgt Ion: 96 Resp: 156462
 Ion Ratio Lower Upper
 96 100
 61 139.8 0.0 277.6
 98 63.8 0.0 127.4



#28
 Bromochloromethane
 Concen: 21.139 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VW004809.D
 Acq: 21 Aug 2018 00:45

Tgt Ion: 49 Resp: 108208
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.4
 130 79.3 63.7 95.5

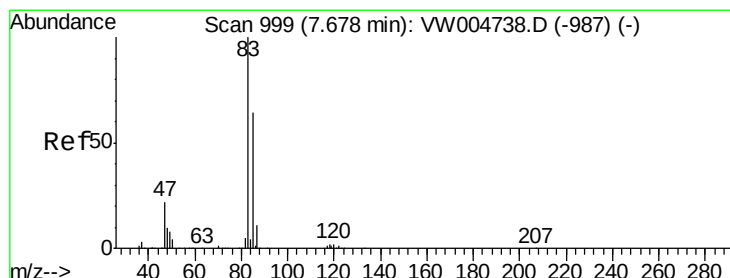
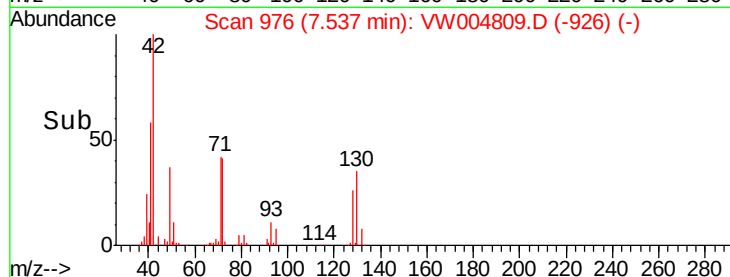
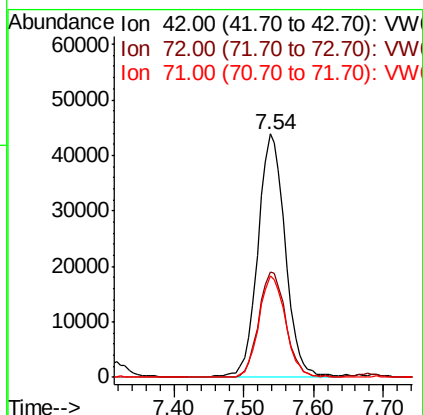
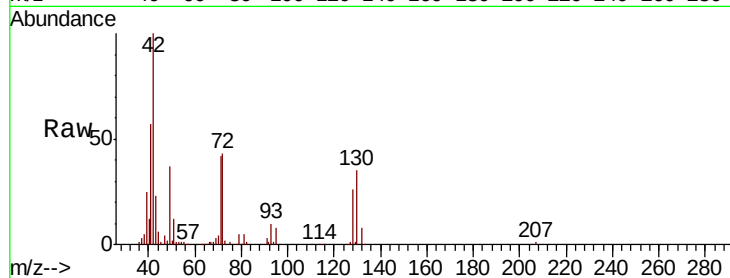




#29
Tetrahydrofuran
Concen: 106.910 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.01 min
Lab File: VW004809.D
Acq: 21 Aug 2018 00:45

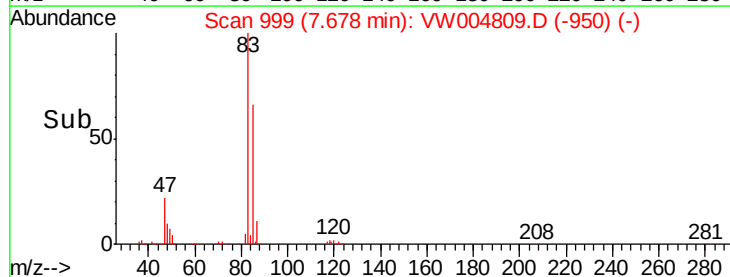
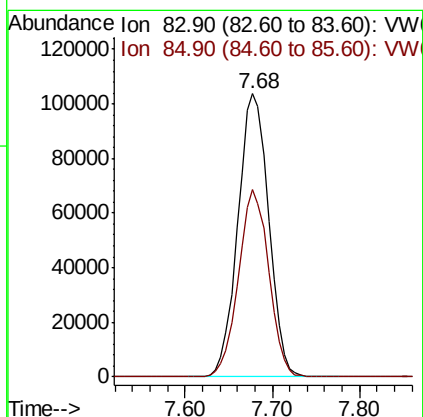
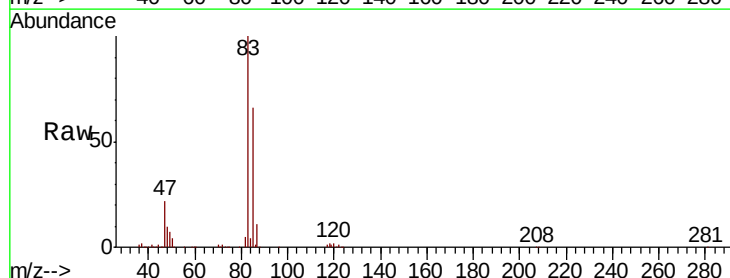
Instrument :
MSVOA_W
ClientSampleId :
VW0820SBS02

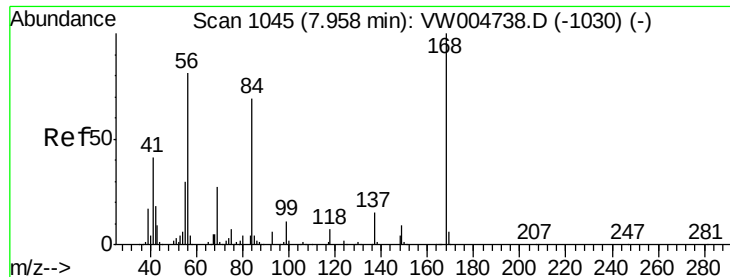
Tgt Ion: 42 Resp: 119296
Ion Ratio Lower Upper
42 100
72 43.0 34.9 52.3
71 40.8 33.8 50.6



#30
Chloroform
Concen: 21.253 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW004809.D
Acq: 21 Aug 2018 00:45

Tgt Ion: 83 Resp: 254087
Ion Ratio Lower Upper
83 100
85 66.2 51.0 76.6

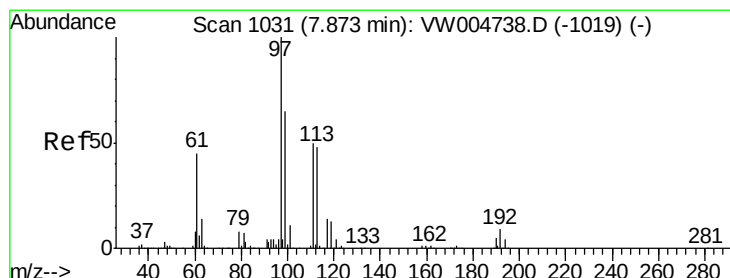
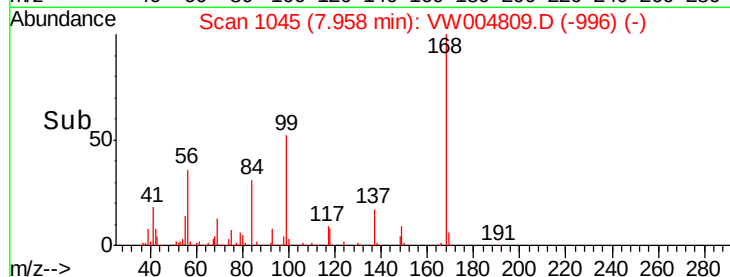
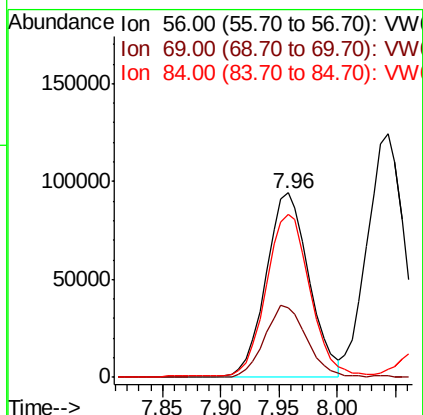
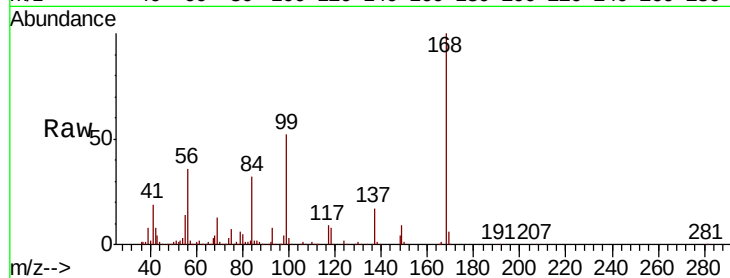




#31
Cyclohexane
Concen: 20.545 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW004809.D
Acq: 21 Aug 2018 00:45

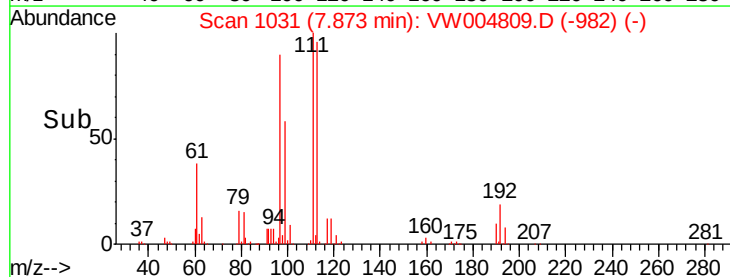
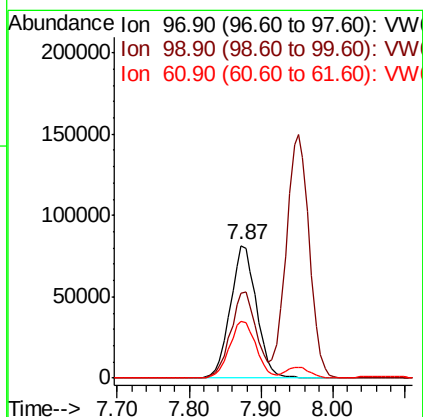
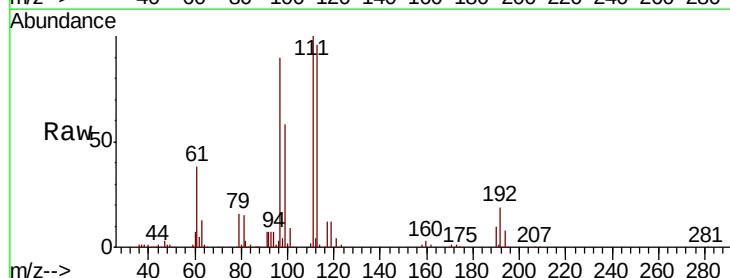
Instrument :
MSVOA_W
ClientSampleId :
VW0820SBS02

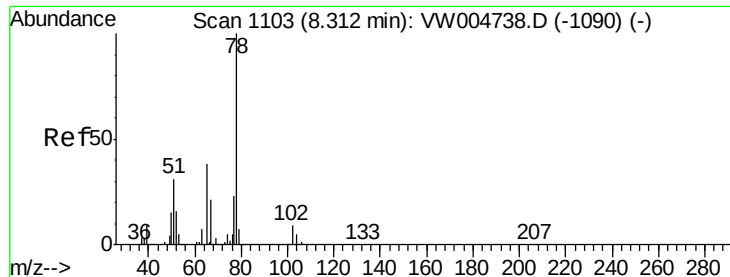
Tgt Ion: 56 Resp: 241565
Ion Ratio Lower Upper
56 100
69 37.3 27.1 40.7
84 87.2 68.3 102.5



#32
1,1,1-Trichloroethane
Concen: 21.512 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW004809.D
Acq: 21 Aug 2018 00:45

Tgt Ion: 97 Resp: 203865
Ion Ratio Lower Upper
97 100
99 63.9 51.7 77.5
61 44.0 34.4 51.6

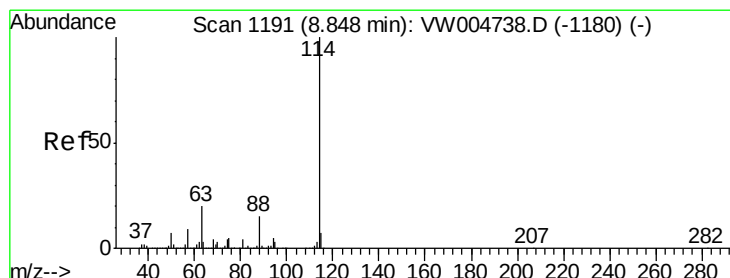
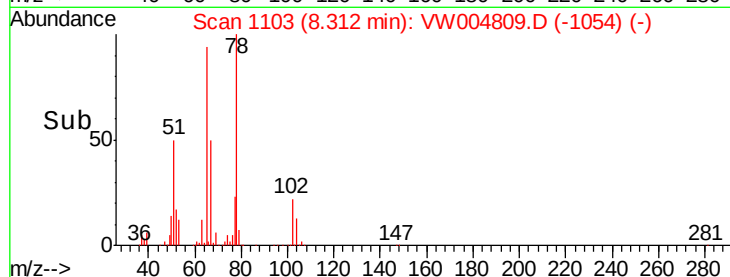
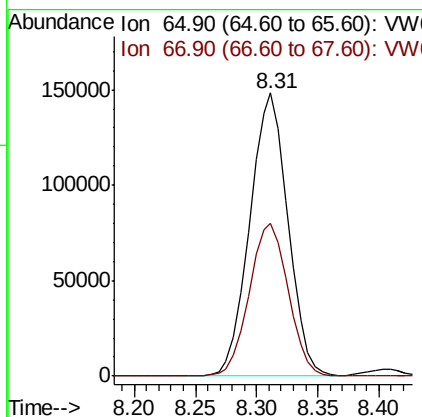
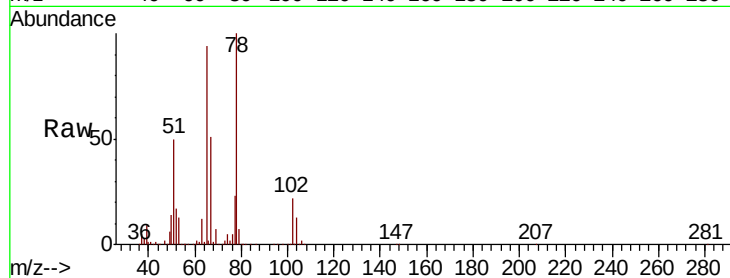




#33
 1,2-Dichloroethane-d4
 Concen: 53.440 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004809.D
 Acq: 21 Aug 2018 00:45

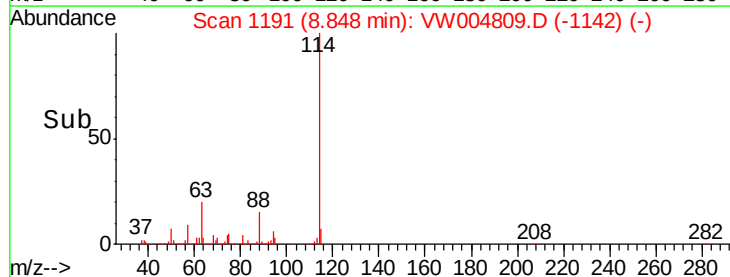
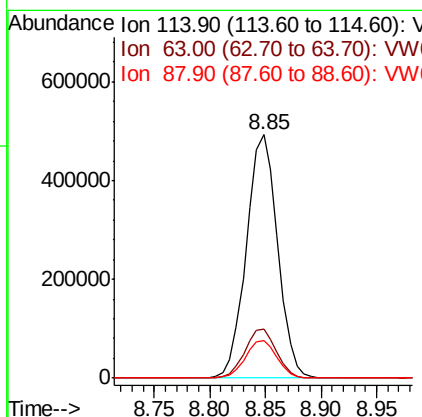
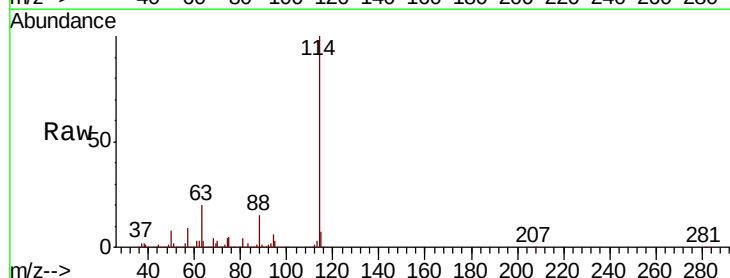
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBS02

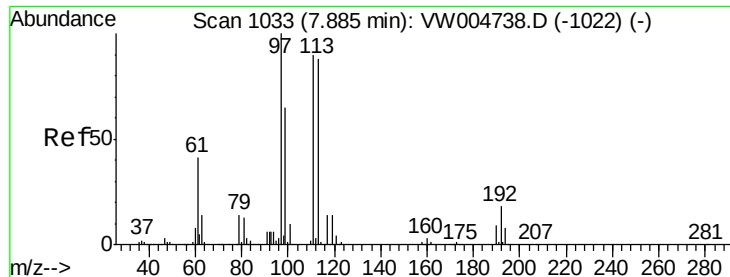
Tgt Ion: 65 Resp: 321517
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004809.D
 Acq: 21 Aug 2018 00:45

Tgt Ion: 114 Resp: 961189
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.0
 88 15.3 0.0 30.0

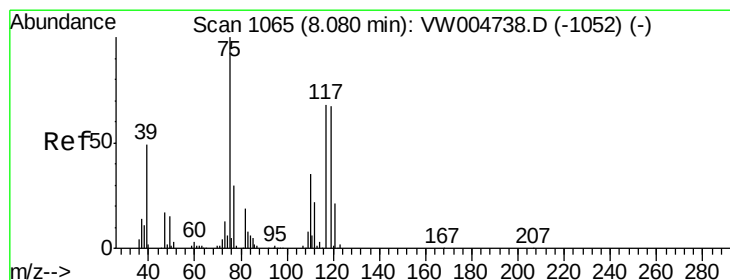
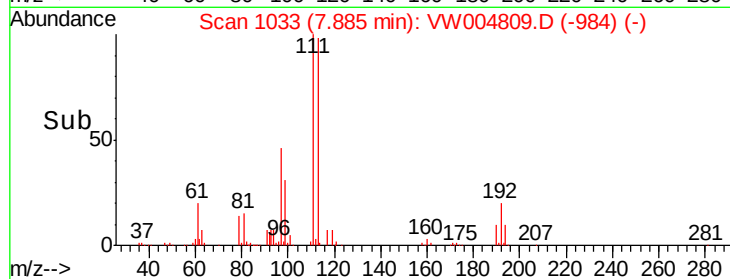
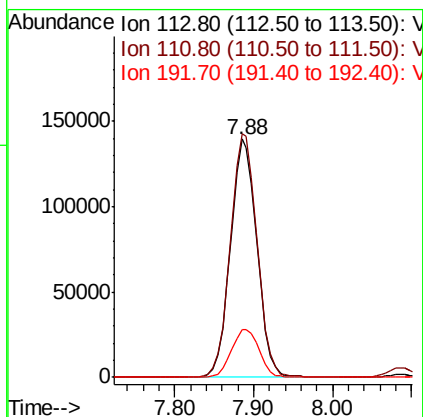
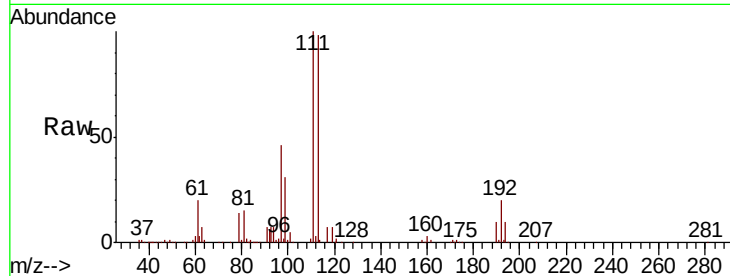




#35
 Dibromofluoromethane
 Concen: 52.840 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004809.D
 Acq: 21 Aug 2018 00:45

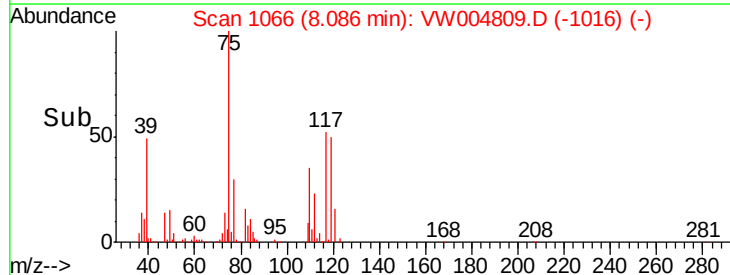
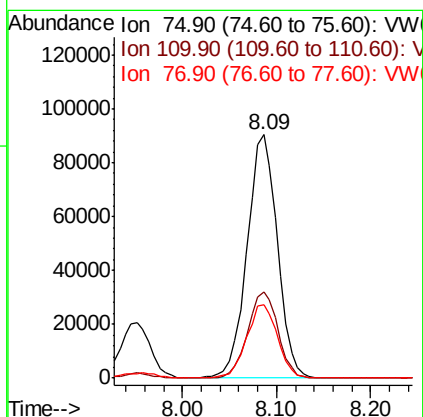
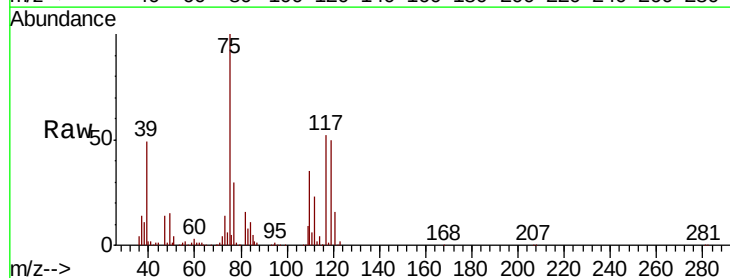
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBS02

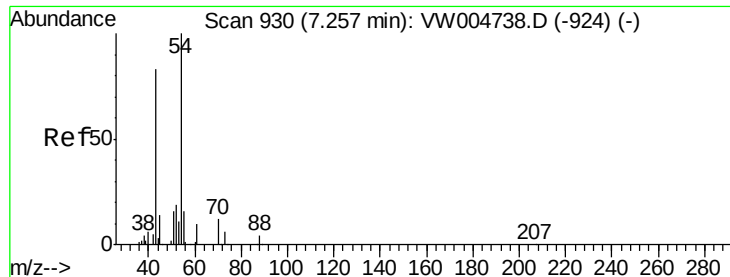
Tgt Ion:113 Resp: 324612
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.4 123.6
 192 21.1 16.7 25.1



#36
 1,1-Dichloropropene
 Concen: 20.479 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VW004809.D
 Acq: 21 Aug 2018 00:45

Tgt Ion: 75 Resp: 202783
 Ion Ratio Lower Upper
 75 100
 110 35.4 17.8 53.5
 77 30.9 24.9 37.3

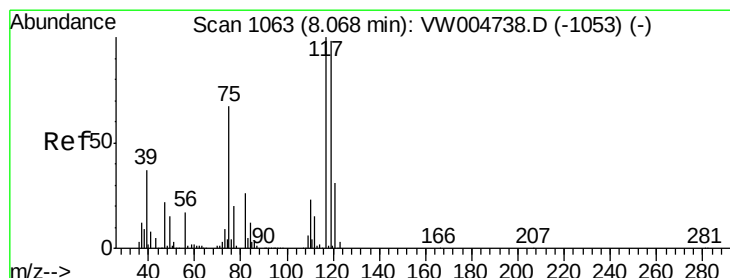
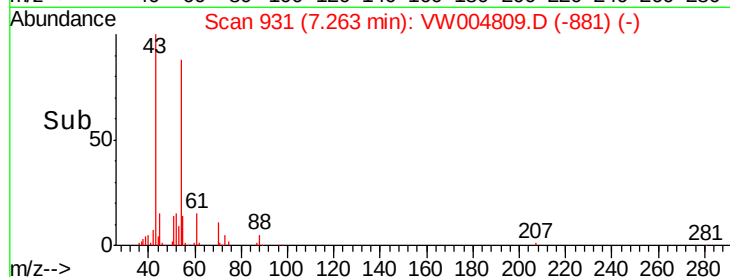
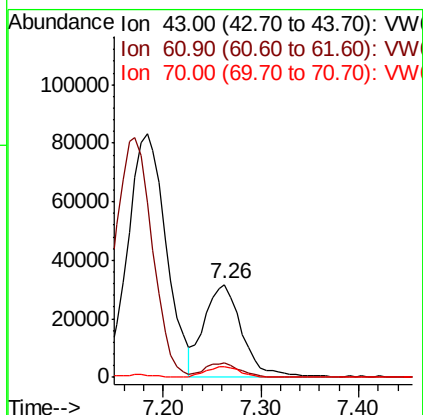
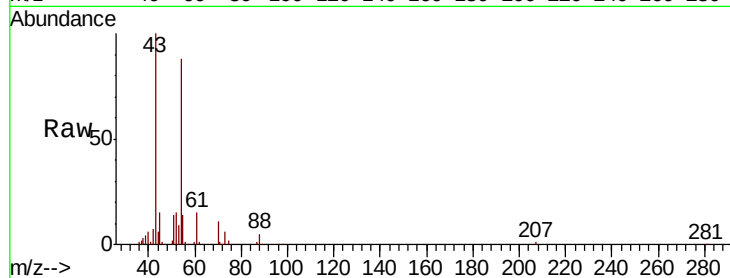




#37
 Ethyl Acetate
 Concen: 21.204 ug/l
 RT: 7.26 min Scan# 931
 Delta R.T. 0.01 min
 Lab File: VW004809.D
 Acq: 21 Aug 2018 00:45

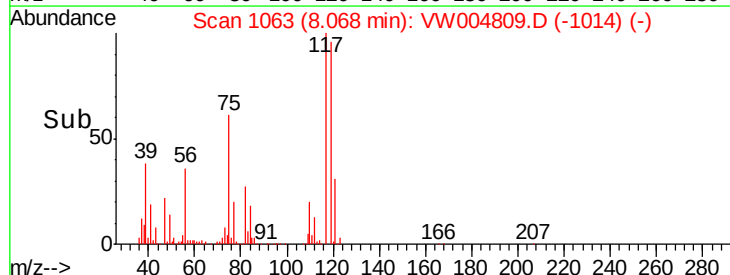
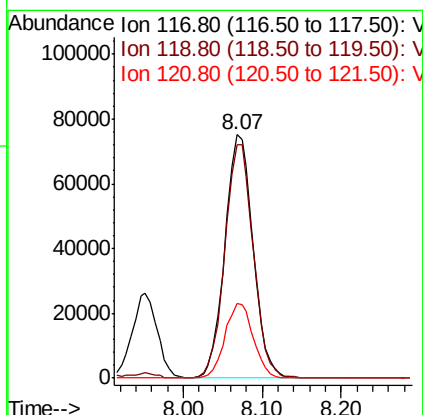
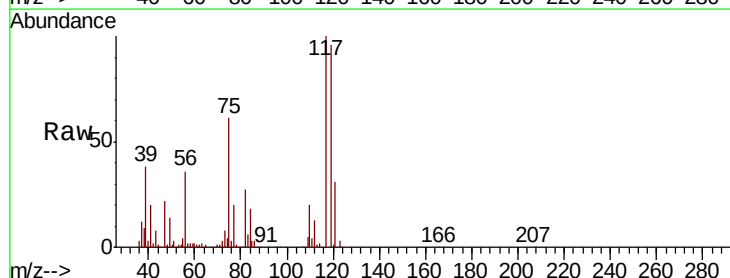
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBS02

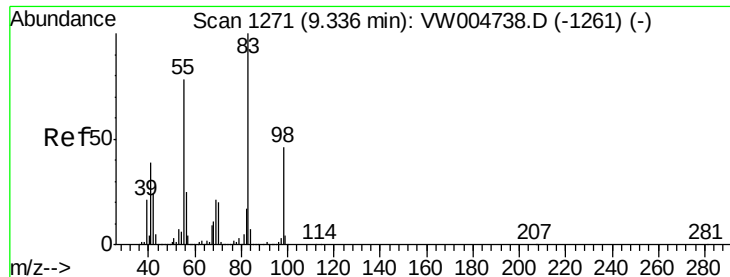
Tgt Ion: 43 Resp: 83696
 Ion Ratio Lower Upper
 43 100
 61 14.3 11.6 17.4
 70 11.0 9.2 13.8



#38
 Carbon Tetrachloride
 Concen: 20.510 ug/l
 RT: 8.07 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: VW004809.D
 Acq: 21 Aug 2018 00:45

Tgt Ion: 117 Resp: 186941
 Ion Ratio Lower Upper
 117 100
 119 95.9 78.0 117.0
 121 30.6 24.8 37.2

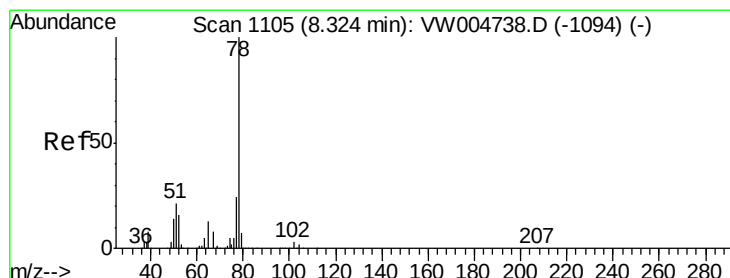
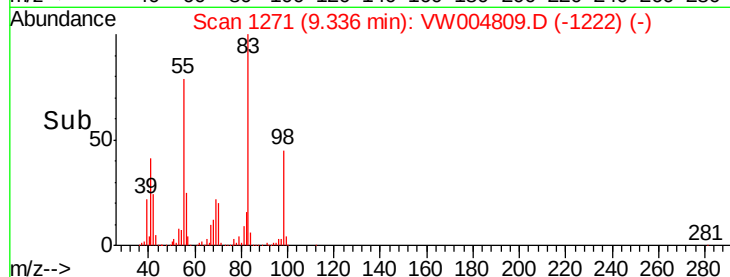
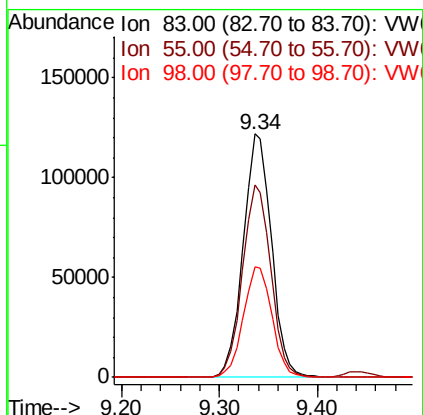
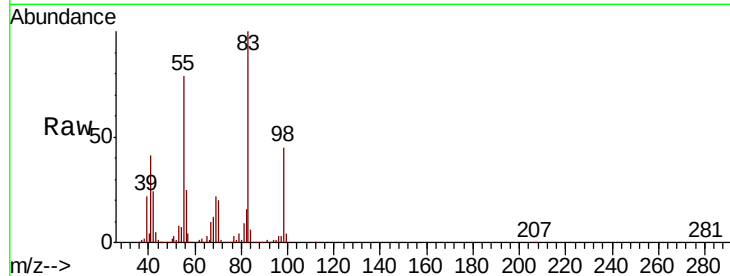




#39
Methylcyclohexane
Concen: 19.793 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004809.D
Acq: 21 Aug 2018 00:45

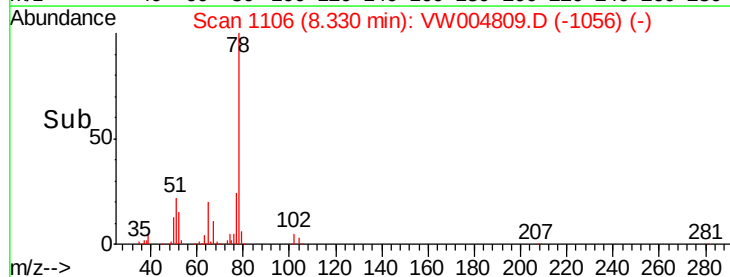
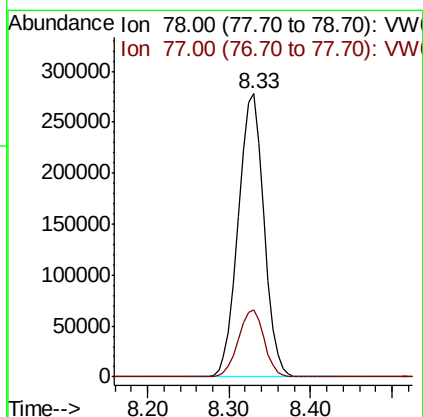
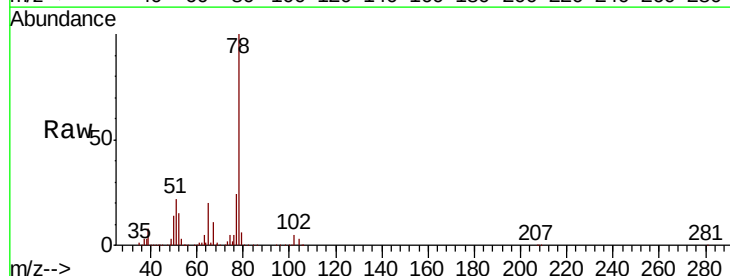
Instrument :
MSVOA_W
ClientSampleId :
VW0820SBS02

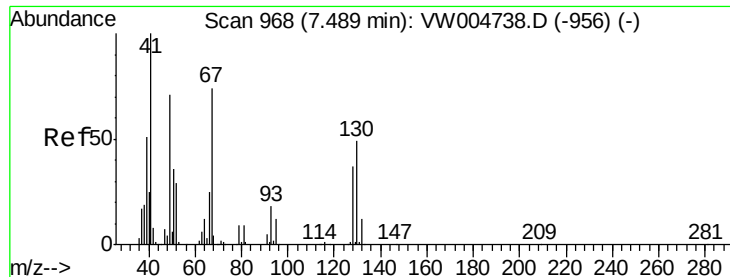
Tgt Ion: 83 Resp: 245104
Ion Ratio Lower Upper
83 100
55 79.1 62.4 93.6
98 45.2 36.5 54.7



#40
Benzene
Concen: 21.012 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.01 min
Lab File: VW004809.D
Acq: 21 Aug 2018 00:45

Tgt Ion: 78 Resp: 604671
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6

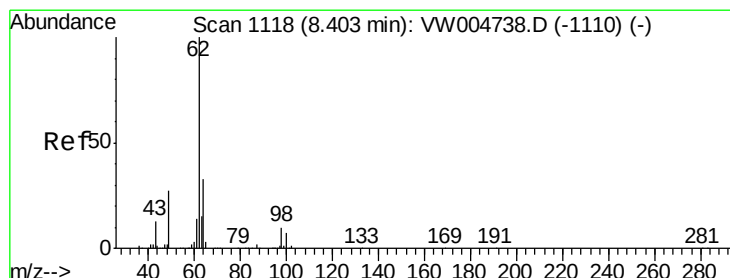
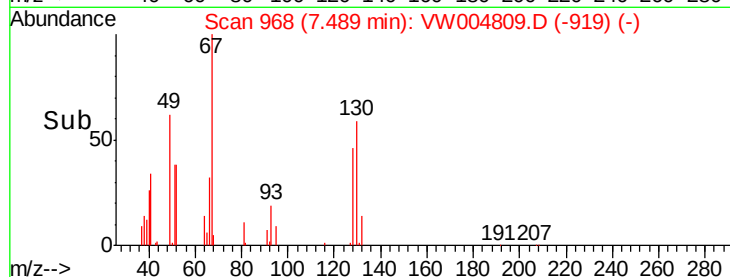
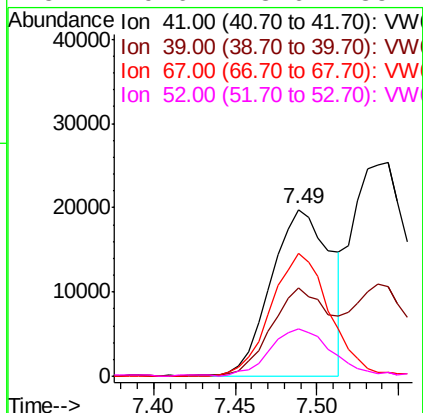
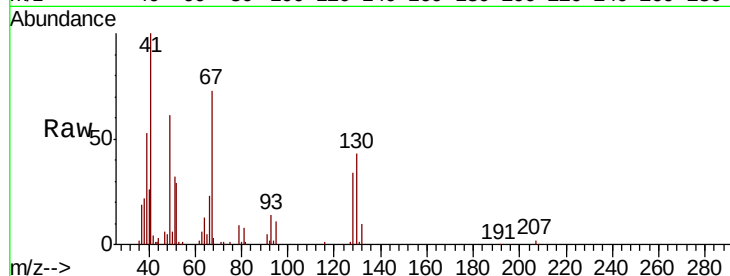




#41
Methacrylonitrile
Concen: 22.426 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004809.D
Acq: 21 Aug 2018 00:45

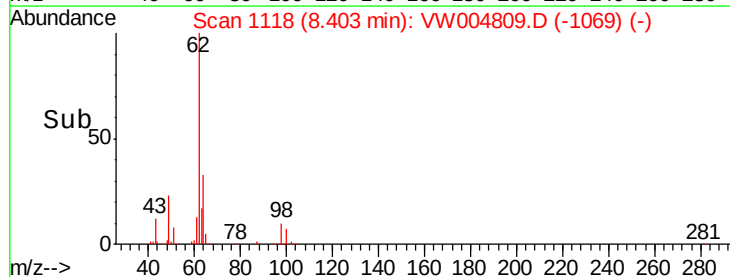
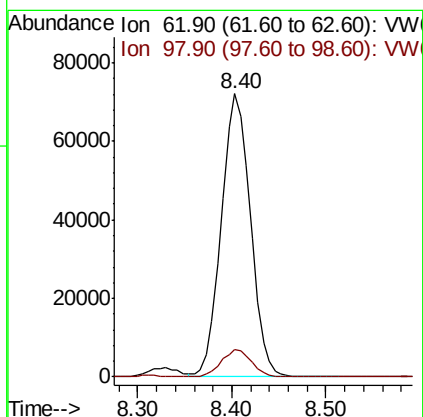
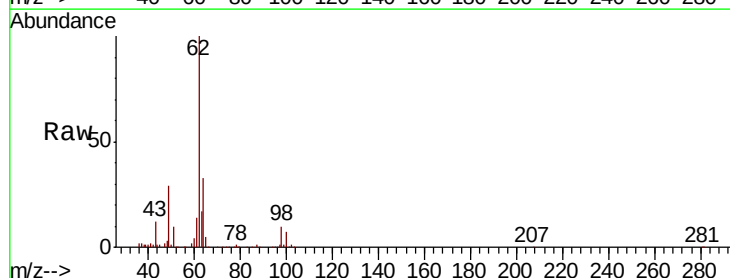
Instrument :
MSVOA_W
ClientSampleId :
VW0820SBS02

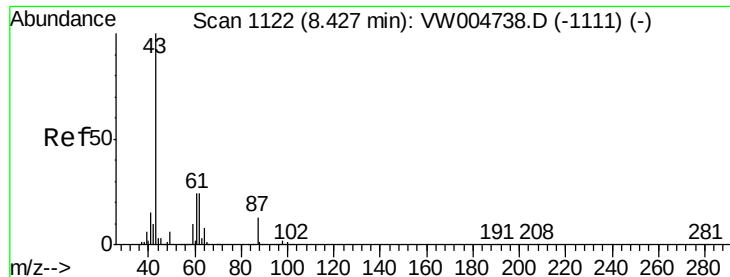
Tgt Ion:	41	Resp:	50236
Ion	Ratio	Lower	Upper
41	100		
39	51.3	41.0	61.4
67	72.9	59.5	89.3
52	29.6	23.6	35.4



#42
1,2-Dichloroethane
Concen: 20.946 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW004809.D
Acq: 21 Aug 2018 00:45

Tgt Ion:	62	Resp:	154565
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.2





#43

Isopropyl Acetate

Concen: 20.444 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VW004809.D

Acq: 21 Aug 2018 00:45

Instrument :

MSVOA_W

ClientSampleId :

VW0820SBS02

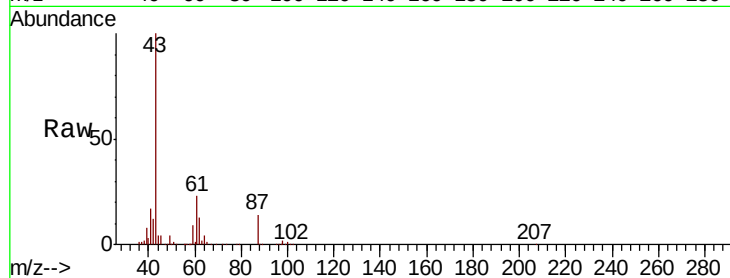
Tgt Ion: 43 Resp: 144947

Ion Ratio Lower Upper

43 100

61 34.2 26.2 39.4

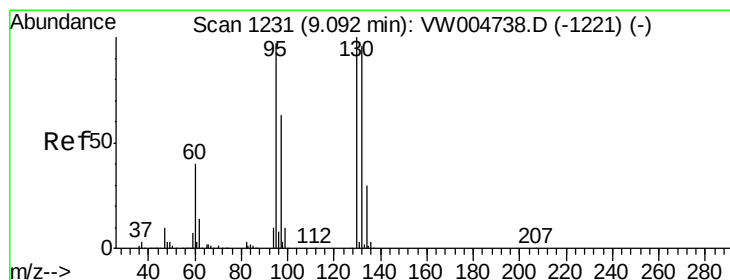
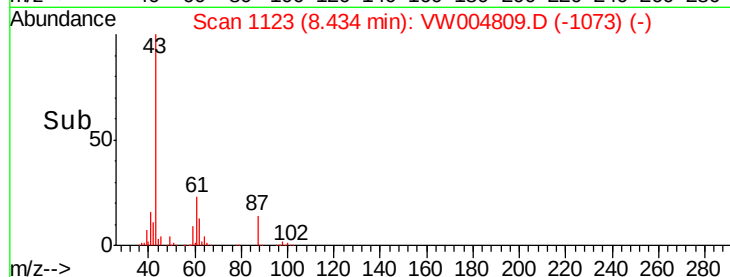
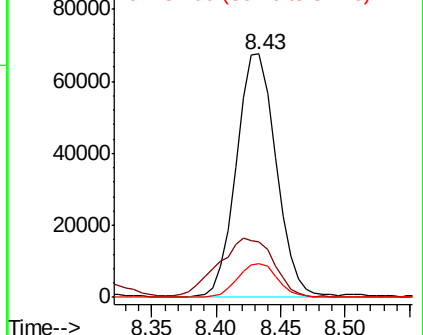
87 14.0 10.9 16.3



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: 20.400 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VW004809.D

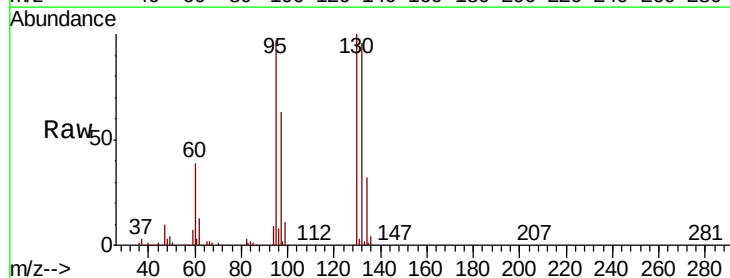
Acq: 21 Aug 2018 00:45

Tgt Ion: 130 Resp: 149017

Ion Ratio Lower Upper

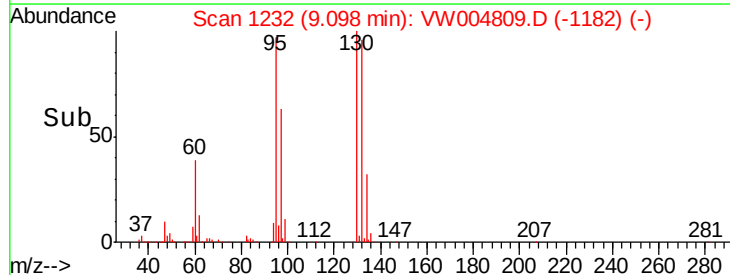
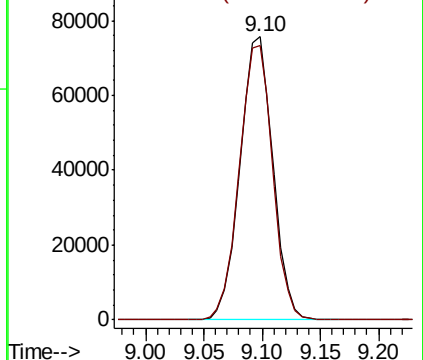
130 100

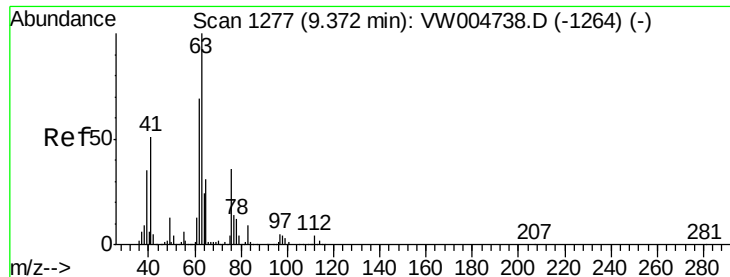
95 97.0 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

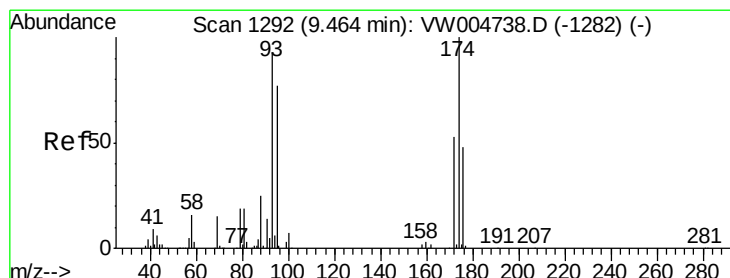
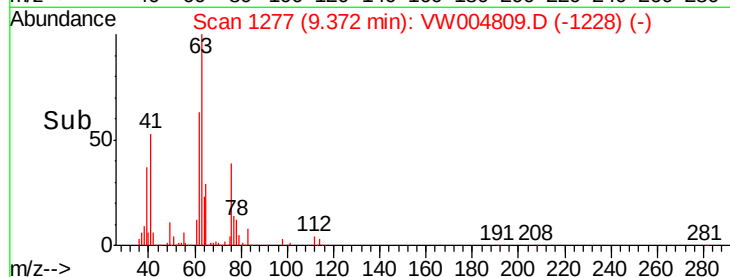
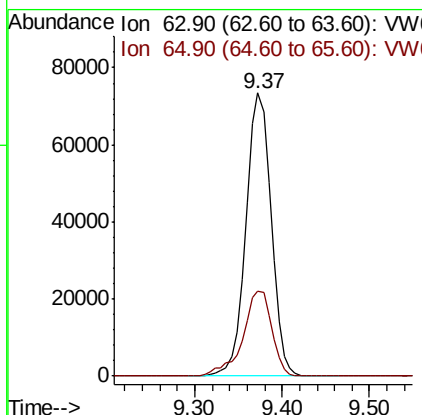
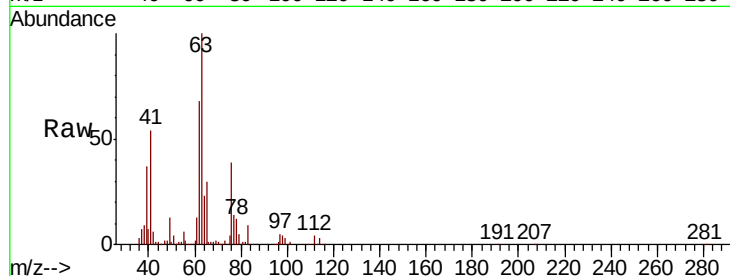




#45
 1,2-Dichloropropane
 Concen: 20.879 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW004809.D
 Acq: 21 Aug 2018 00:45

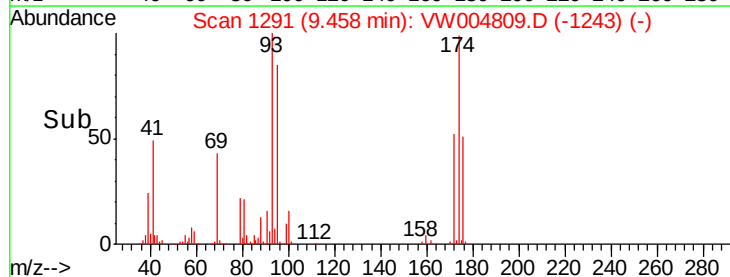
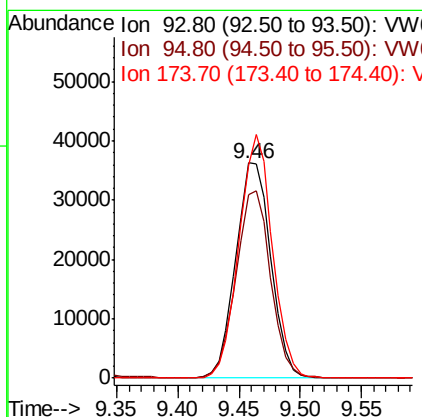
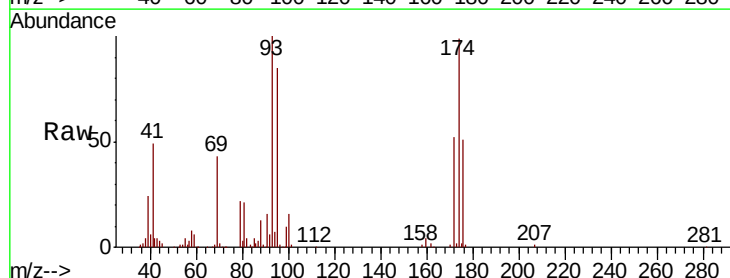
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBS02

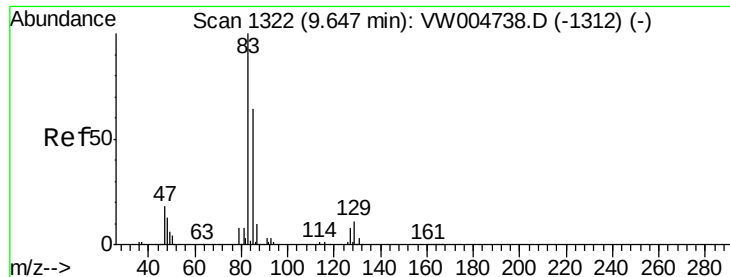
Tgt Ion: 63 Resp: 146971
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.6 37.0



#46
 Dibromomethane
 Concen: 20.748 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: VW004809.D
 Acq: 21 Aug 2018 00:45

Tgt Ion: 93 Resp: 72355
 Ion Ratio Lower Upper
 93 100
 95 85.6 66.6 99.8
 174 107.6 85.3 127.9





#47

Bromodichloromethane

Concen: 20.799 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW004809.D

Acq: 21 Aug 2018 00:45

Instrument :

MSVOA_W

ClientSampleId :

VW0820SBS02

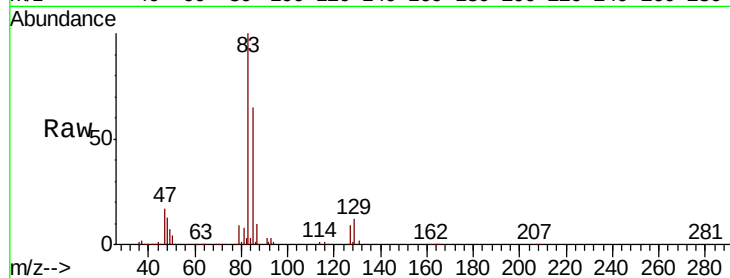
Tgt Ion: 83 Resp: 173224

Ion Ratio Lower Upper

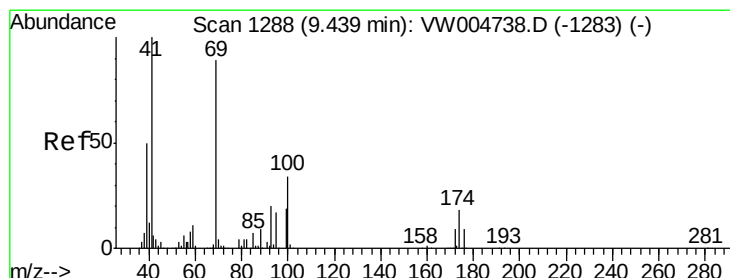
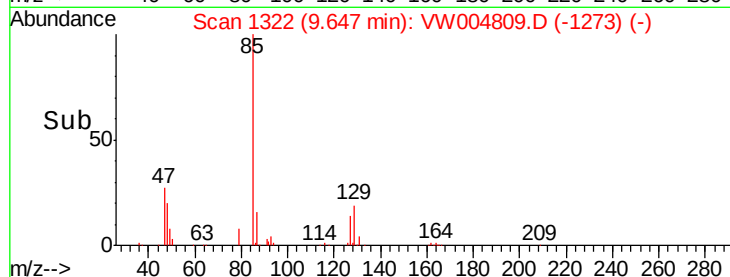
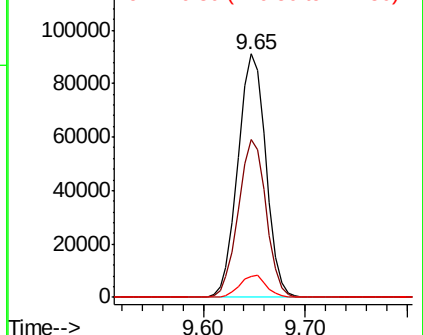
83 100

85 64.9 51.2 76.8

127 8.8 6.7 10.1



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): VW



#48

Methyl methacrylate

Concen: 21.221 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VW004809.D

Acq: 21 Aug 2018 00:45

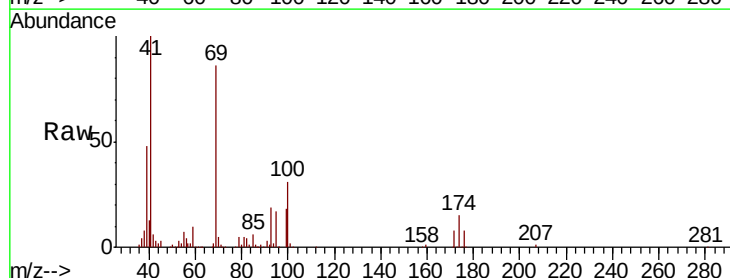
Tgt Ion: 41 Resp: 70599

Ion Ratio Lower Upper

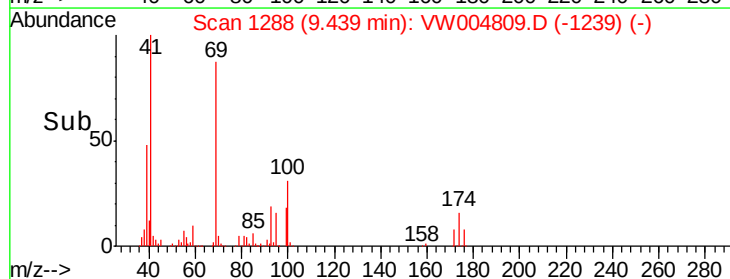
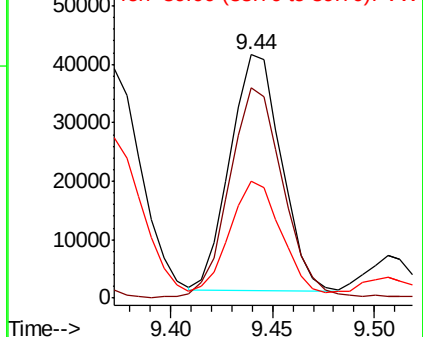
41 100

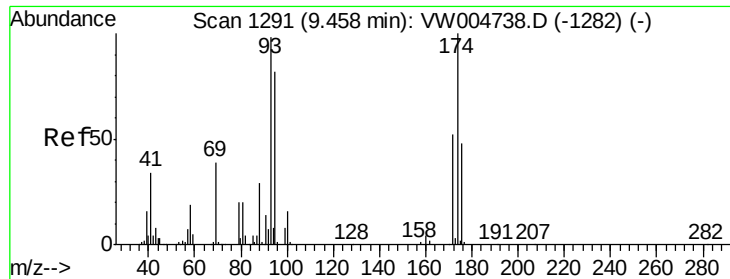
69 92.6 75.2 112.8

39 46.2 39.8 59.6



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: 451.199 ug/l

RT: 9.48 min Scan# 1295

Delta R.T. 0.02 min

Lab File: VW004809.D

Acq: 21 Aug 2018 00:45

Instrument :

MSVOA_W

ClientSampleId :

VW0820SBS02

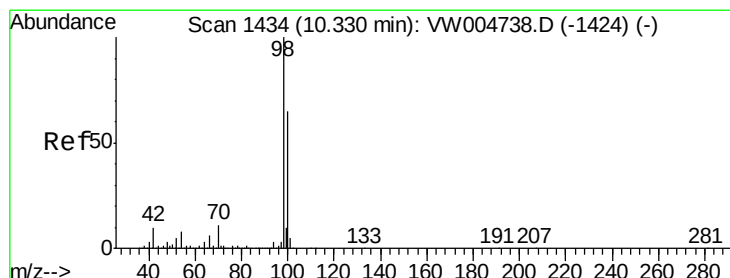
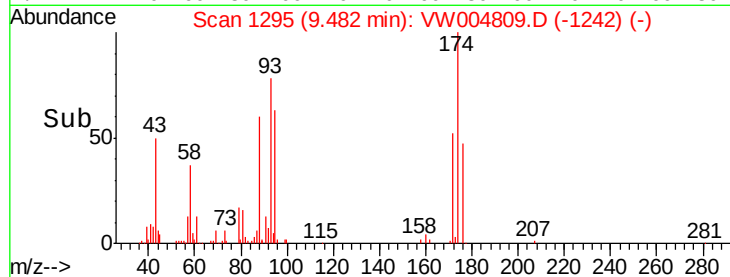
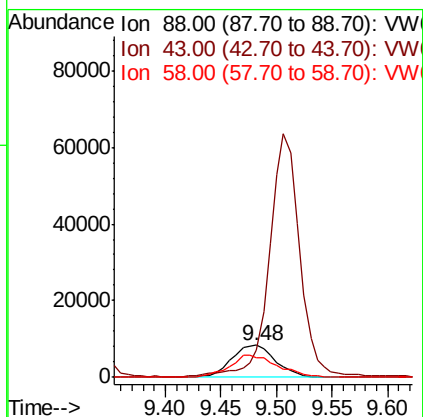
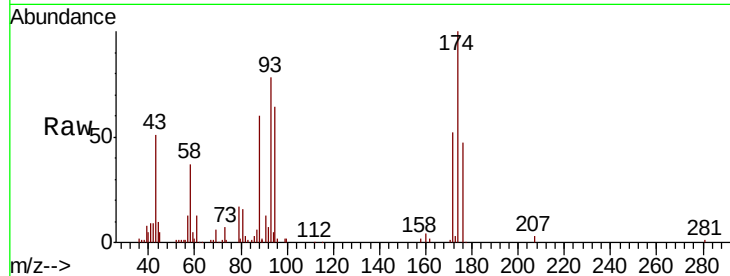
Tgt Ion: 88 Resp: 22988

Ion Ratio Lower Upper

88 100

43 0.0 22.9 34.3#

58 76.8 60.0 90.0



#50

Toluene-d8

Concen: 54.293 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004809.D

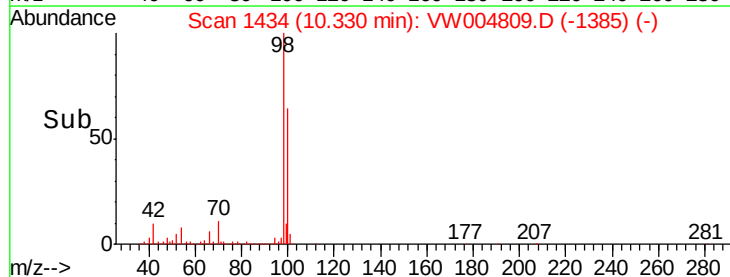
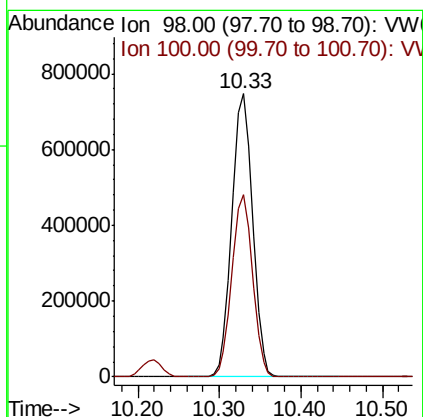
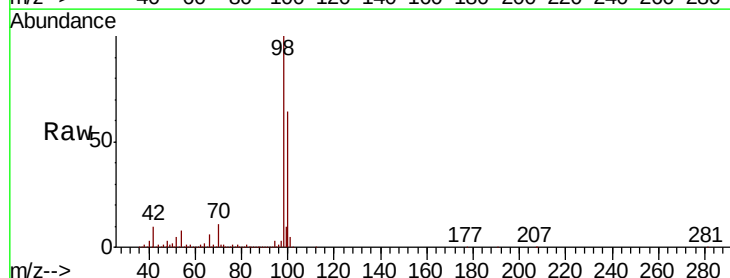
Acq: 21 Aug 2018 00:45

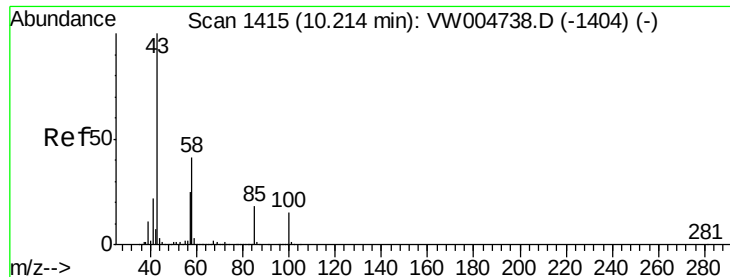
Tgt Ion: 98 Resp: 1301994

Ion Ratio Lower Upper

98 100

100 64.1 51.8 77.8

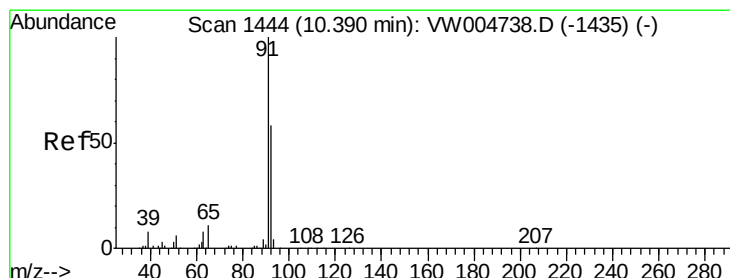
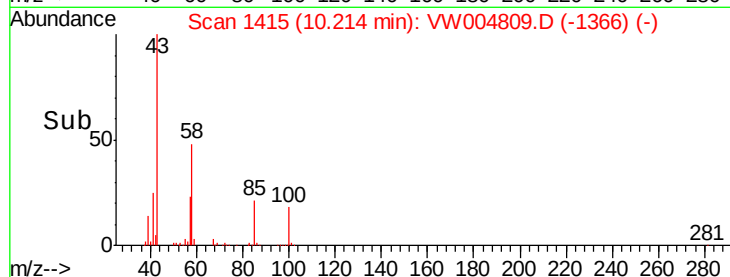
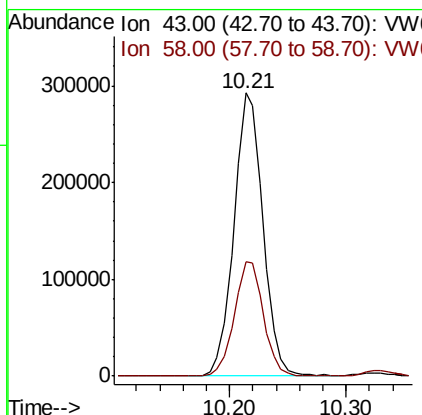
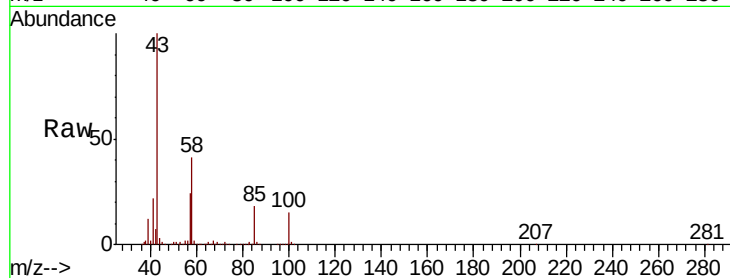




#51
 4-Methyl-2-Pentanone
 Concen: 105.538 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VW004809.D
 Acq: 21 Aug 2018 00:45

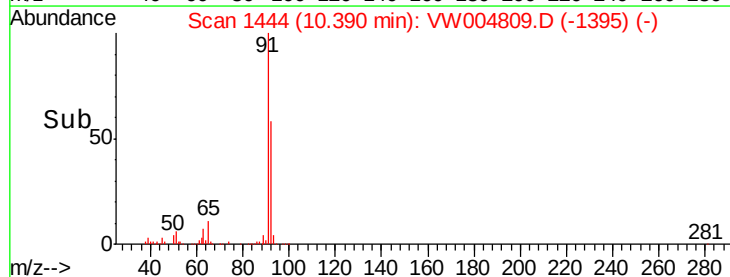
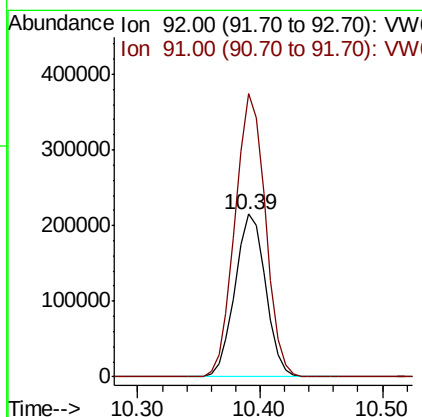
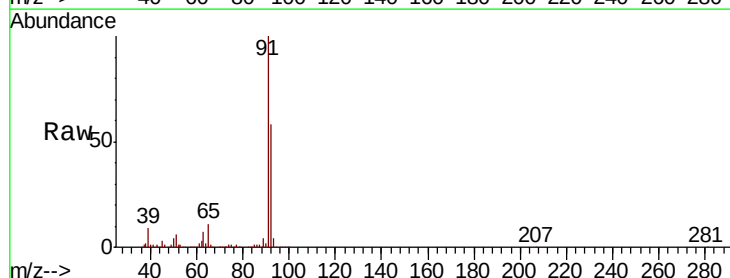
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBS02

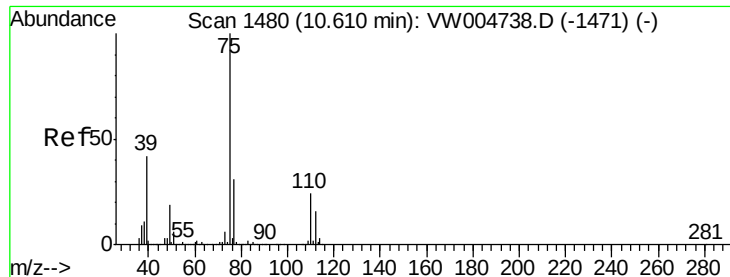
Tgt Ion: 43 Resp: 505716
 Ion Ratio Lower Upper
 43 100
 58 40.7 32.7 49.1



#52
 Toluene
 Concen: 21.546 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW004809.D
 Acq: 21 Aug 2018 00:45

Tgt Ion: 92 Resp: 371851
 Ion Ratio Lower Upper
 92 100
 91 173.6 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 20.584 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW004809.D

Acq: 21 Aug 2018 00:45

Instrument :

MSVOA_W

ClientSampleId :

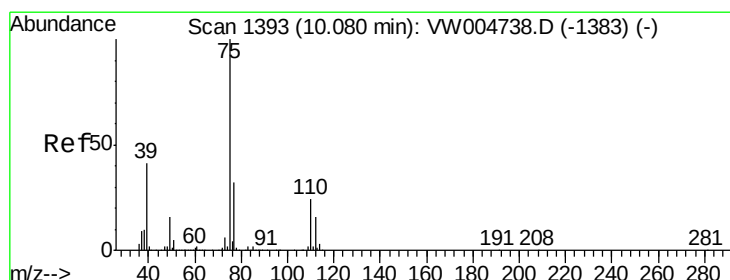
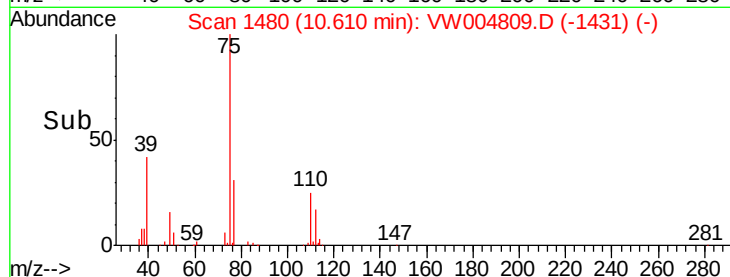
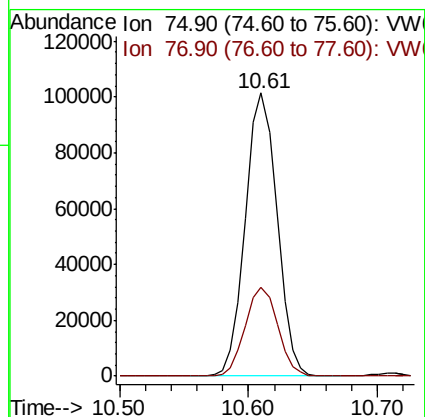
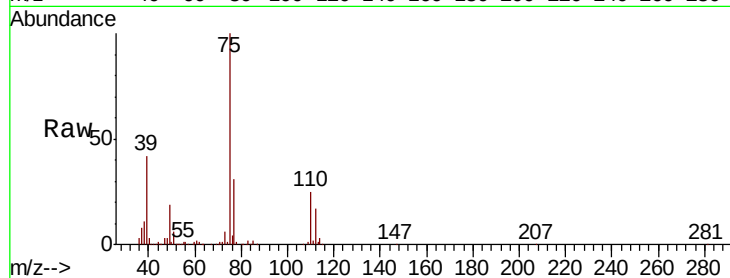
VW0820SBS02

Tgt Ion: 75 Resp: 172717

Ion Ratio Lower Upper

75 100

77 31.3 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 20.790 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW004809.D

Acq: 21 Aug 2018 00:45

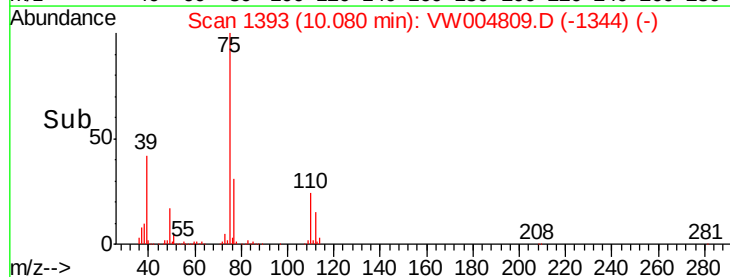
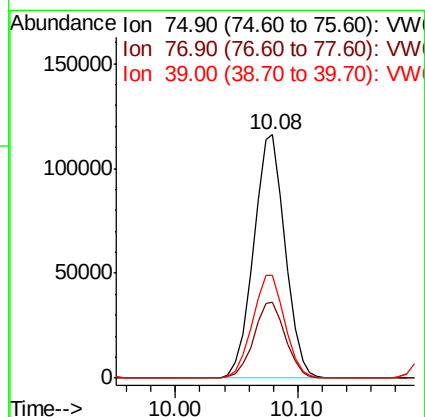
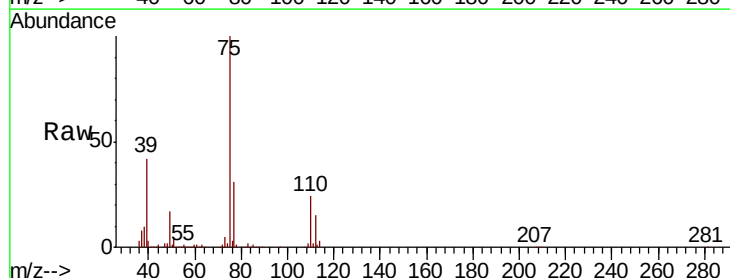
Tgt Ion: 75 Resp: 207970

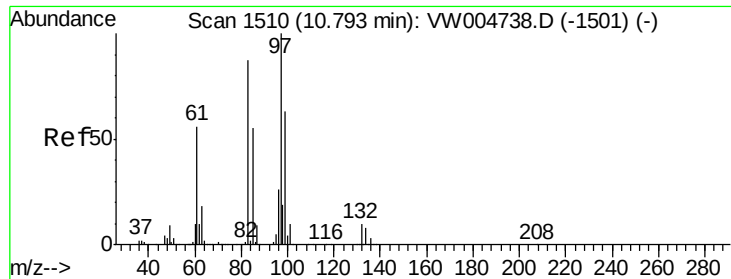
Ion Ratio Lower Upper

75 100

77 31.2 25.6 38.4

39 42.0 33.0 49.4

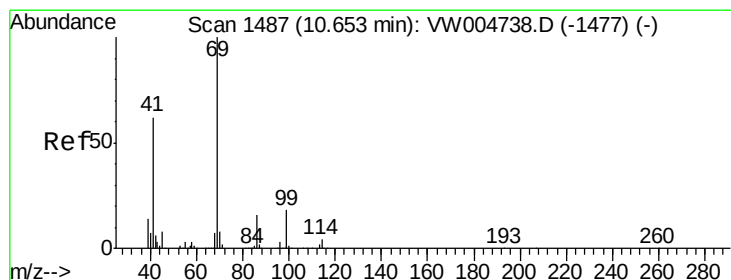
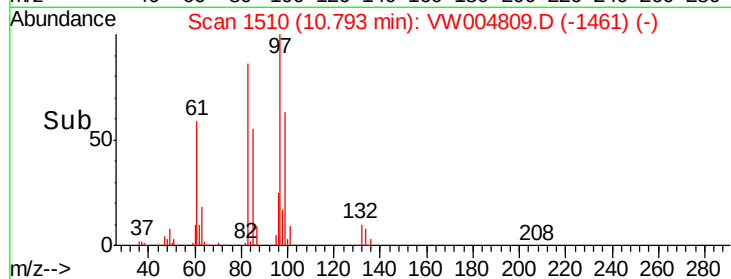
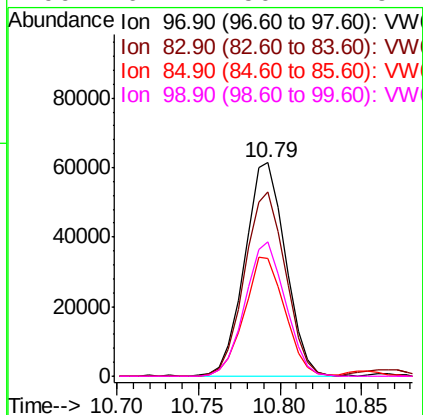
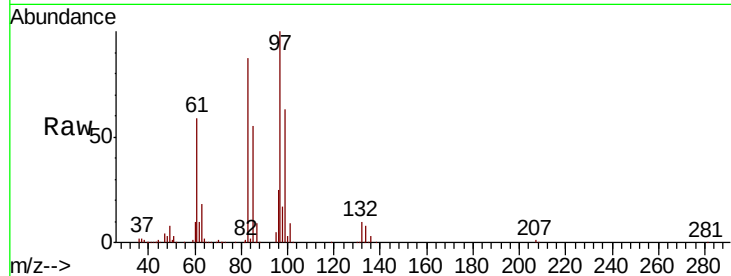




#55
 1,1,2-Trichloroethane
 Concen: 21.593 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW004809.D
 Acq: 21 Aug 2018 00:45

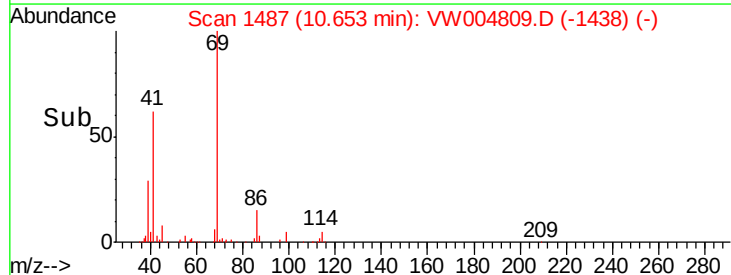
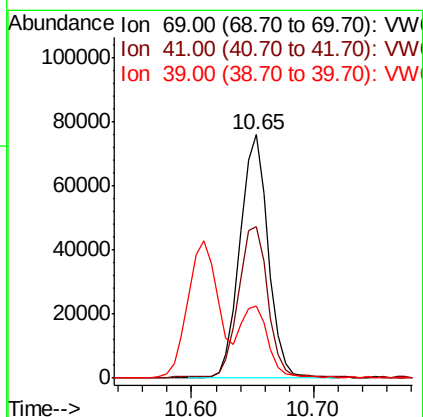
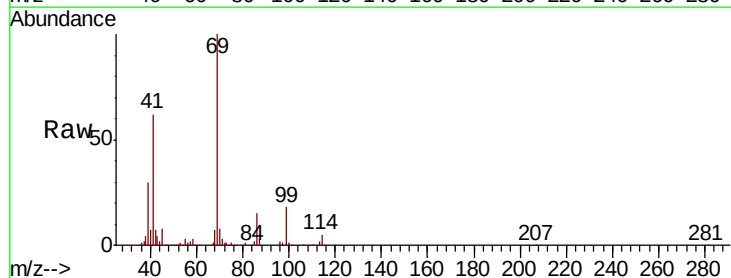
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBS02

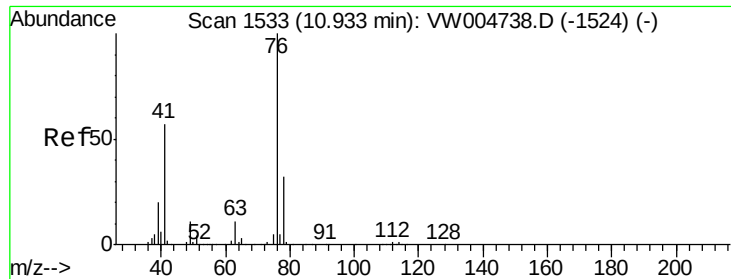
Tgt Ion:	97	Resp:	107036
Ion	Ratio	Lower	Upper
97	100		
83	86.8	69.4	104.2
85	55.1	44.3	66.5
99	62.7	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 20.620 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004809.D
 Acq: 21 Aug 2018 00:45

Tgt Ion:	69	Resp:	121476
Ion	Ratio	Lower	Upper
69	100		
41	66.0	50.7	76.1
39	27.8	21.4	32.2

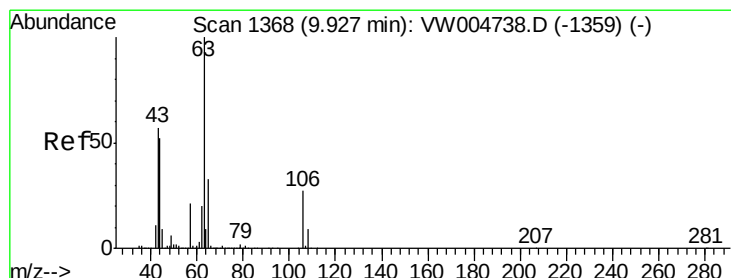
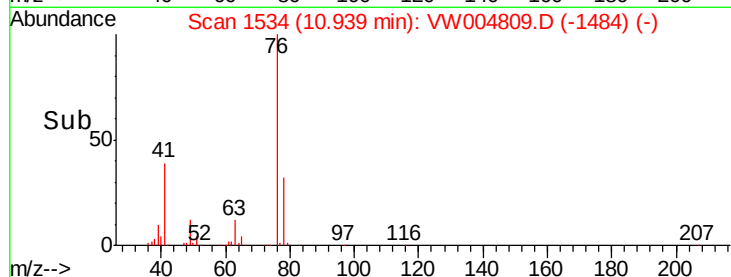
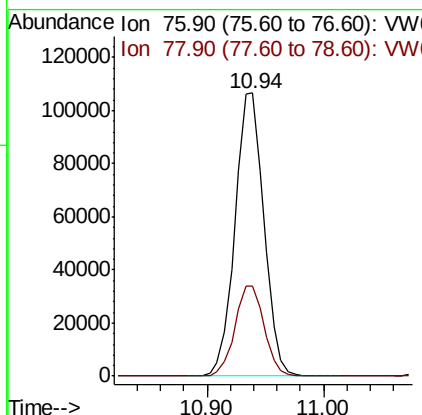
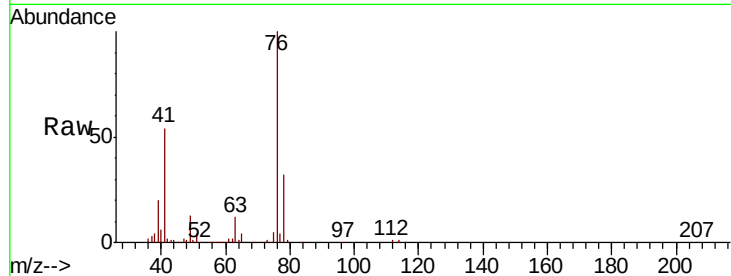




#57
 1,3-Dichloropropane
 Concen: 21.555 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: VW004809.D
 Acq: 21 Aug 2018 00:45

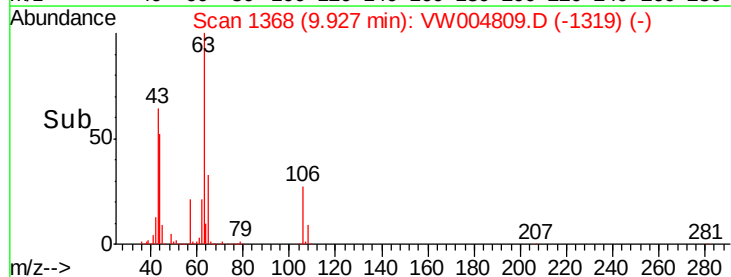
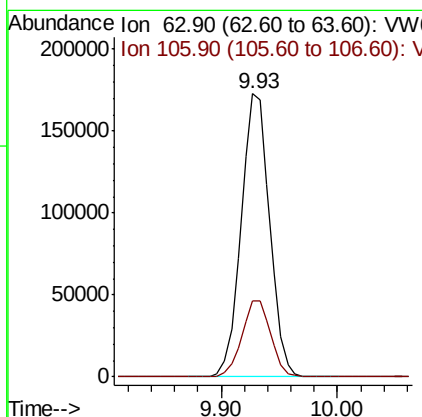
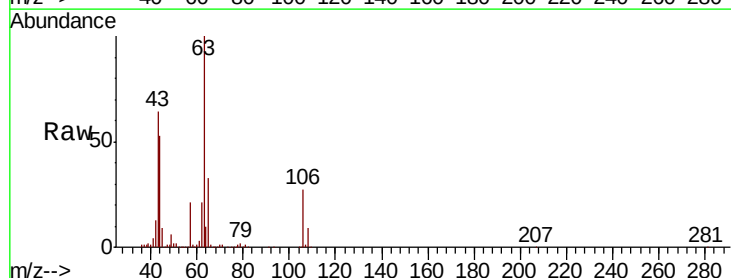
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBS02

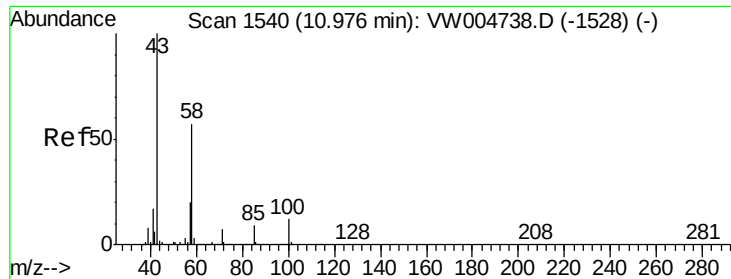
Tgt Ion: 76 Resp: 184438
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 107.635 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VW004809.D
 Acq: 21 Aug 2018 00:45

Tgt Ion: 63 Resp: 294660
 Ion Ratio Lower Upper
 63 100
 106 27.3 22.1 33.1

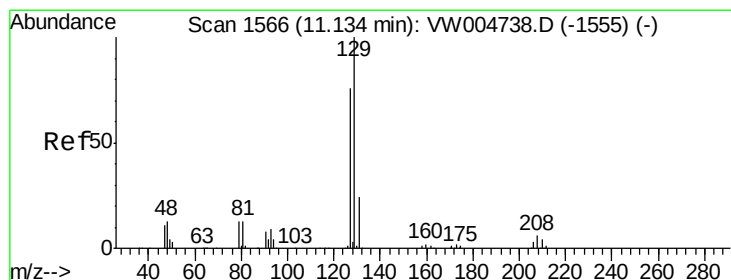
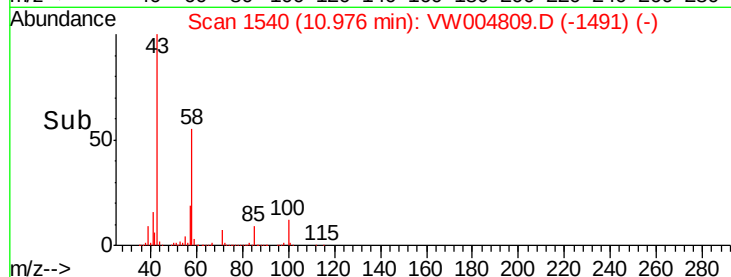
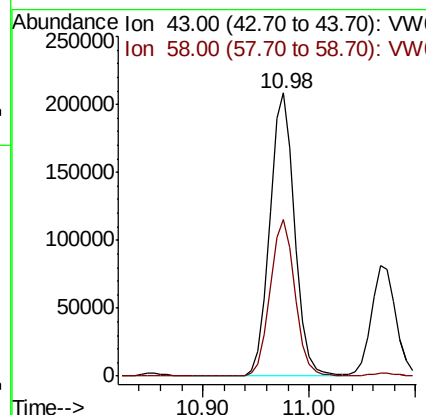
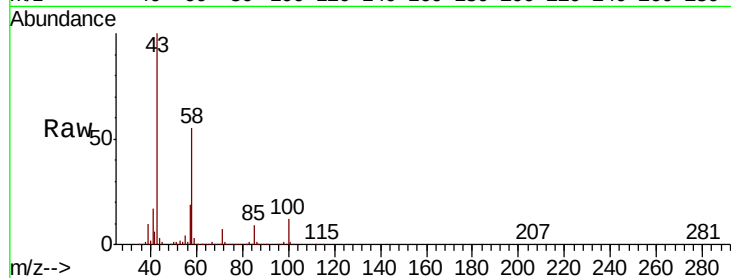




#59
2-Hexanone
Concen: 104.577 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004809.D
Acq: 21 Aug 2018 00:45

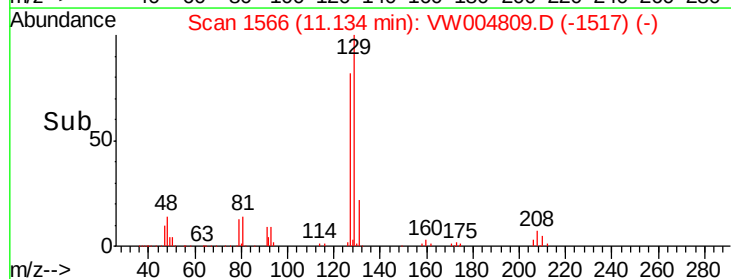
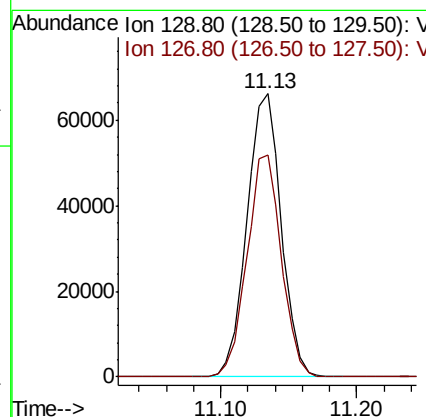
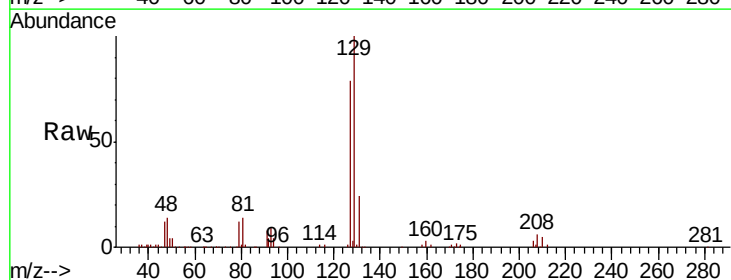
Instrument :
MSVOA_W
ClientSampleId :
VW0820SBS02

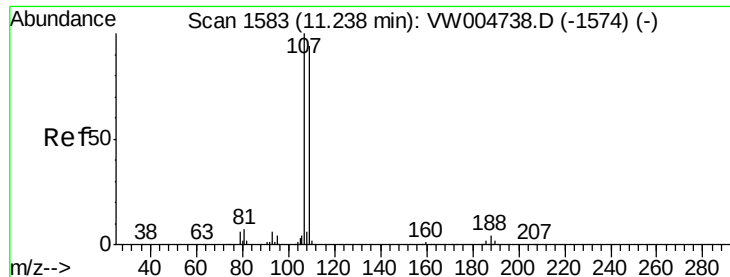
Tgt Ion: 43 Resp: 339538
Ion Ratio Lower Upper
43 100
58 55.4 28.1 84.4



#60
Dibromochloromethane
Concen: 21.010 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW004809.D
Acq: 21 Aug 2018 00:45

Tgt Ion: 129 Resp: 116848
Ion Ratio Lower Upper
129 100
127 78.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 21.015 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW004809.D

Acq: 21 Aug 2018 00:45

Instrument :

MSVOA_W

ClientSampleId :

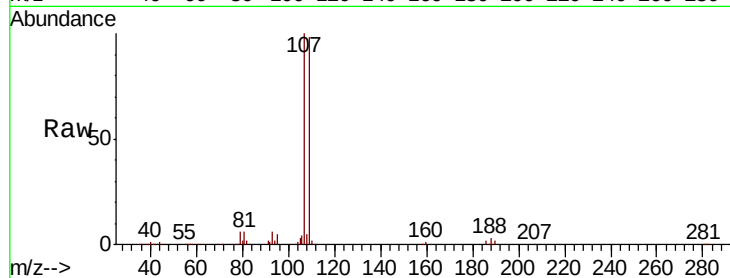
VW0820SBS02

Tgt Ion: 107 Resp: 99576

Ion Ratio Lower Upper

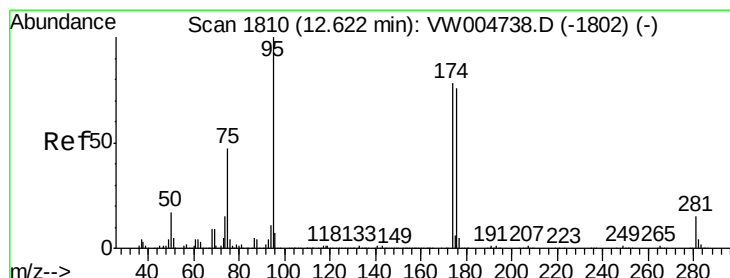
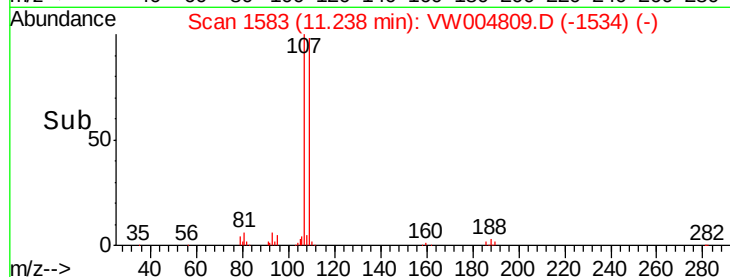
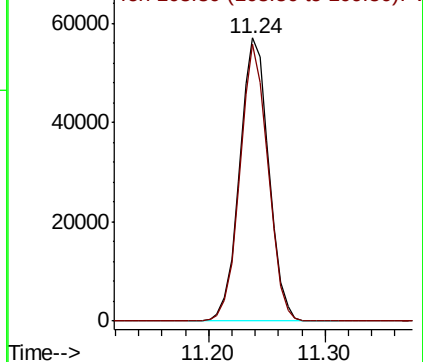
107 100

109 94.5 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.180 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004809.D

Acq: 21 Aug 2018 00:45

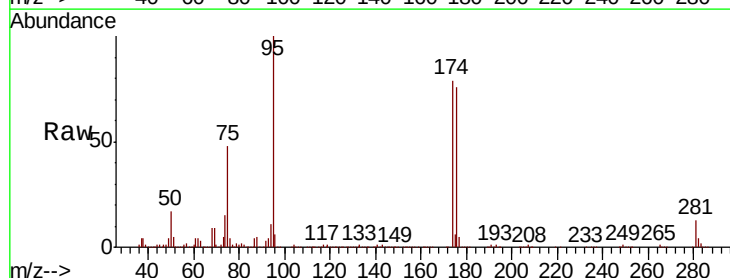
Tgt Ion: 95 Resp: 467435

Ion Ratio Lower Upper

95 100

174 82.4 0.0 165.8

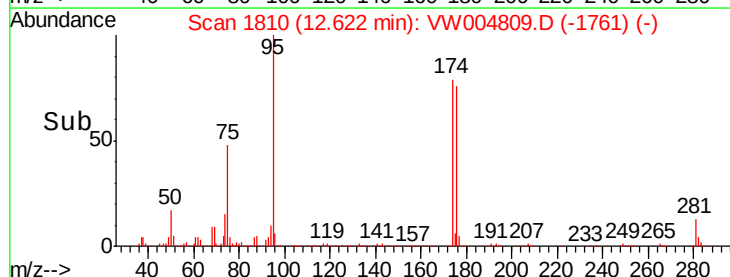
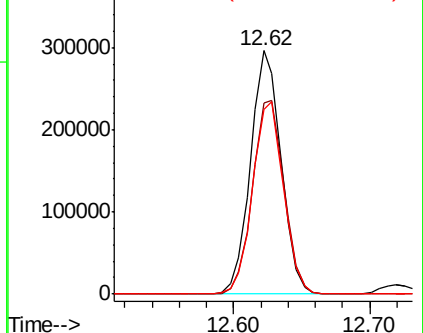
176 80.2 0.0 159.8

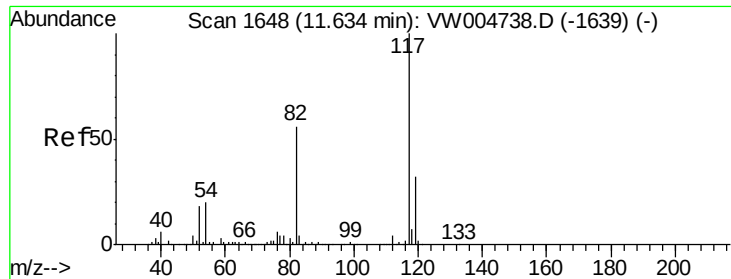


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

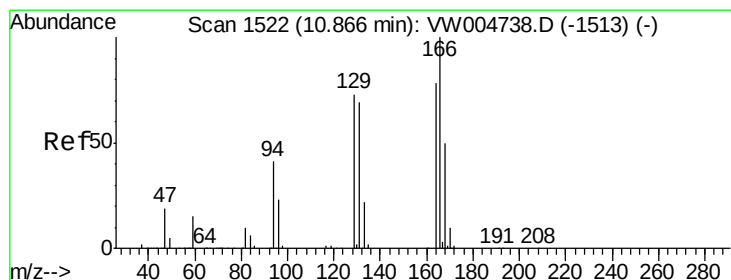
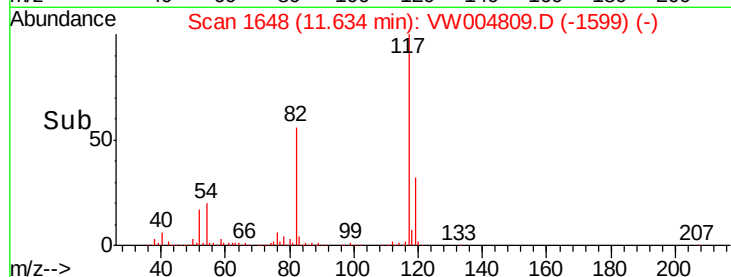
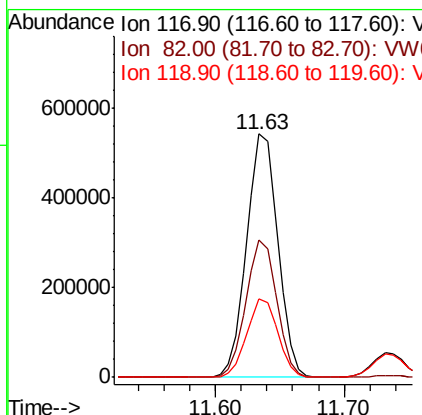
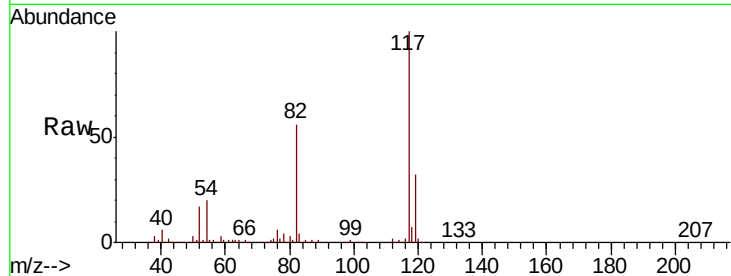




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004809.D
Acq: 21 Aug 2018 00:45

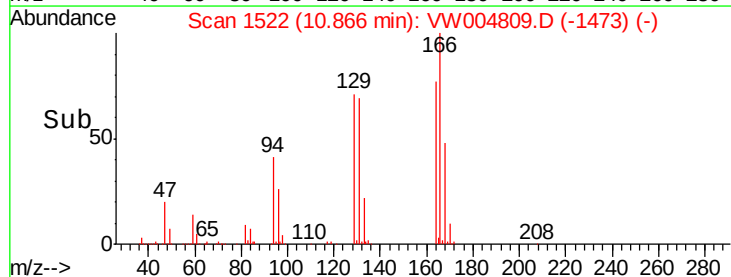
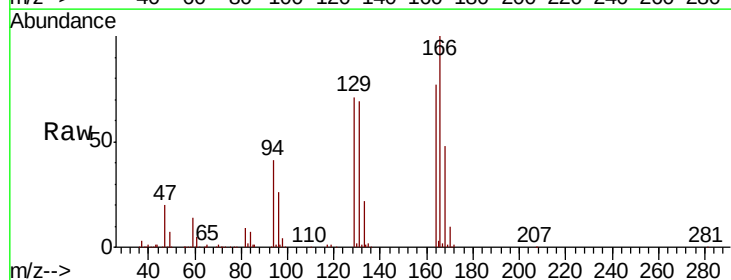
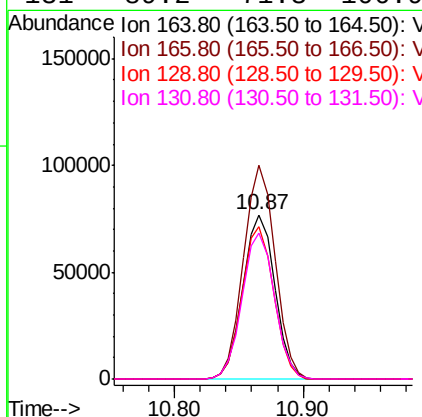
Instrument :
MSVOA_W
ClientSampleId :
VW0820SBS02

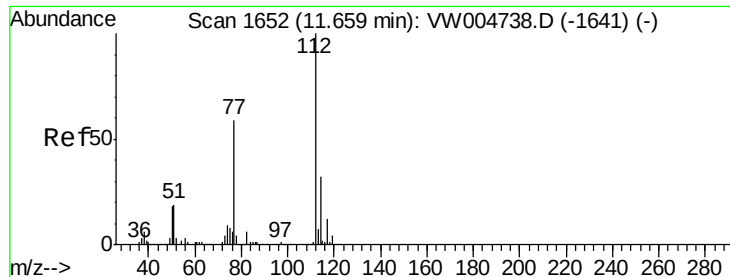
Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.6	67.0
119	32.2	25.6	38.4



#64
Tetrachloroethene
Concen: 21.145 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004809.D
Acq: 21 Aug 2018 00:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.2	102.5	153.7
129	92.8	75.1	112.7
131	89.2	71.3	106.9

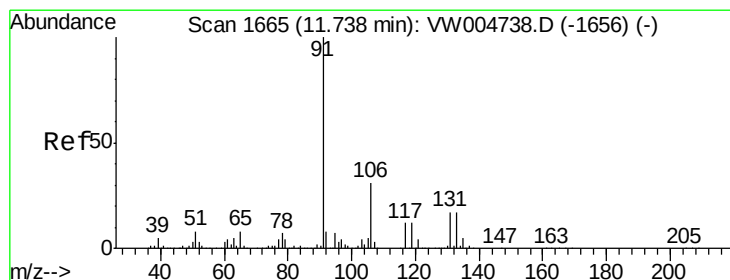
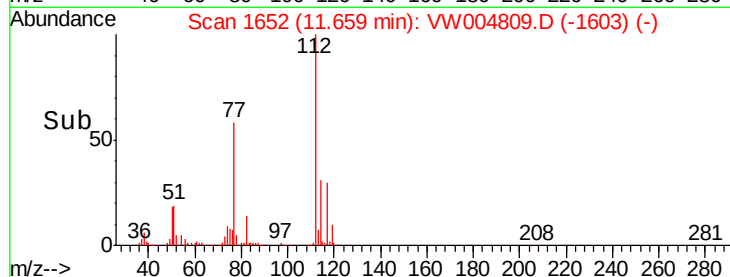
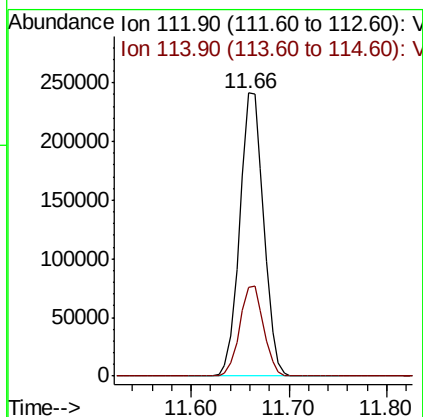
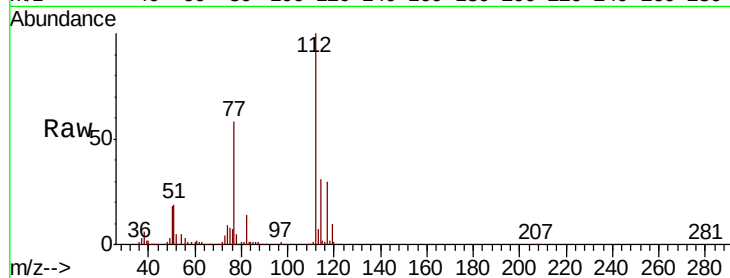




#65
Chlorobenzene
Concen: 20.910 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. 0.00 min
Lab File: VW004809.D
Acq: 21 Aug 2018 00:45

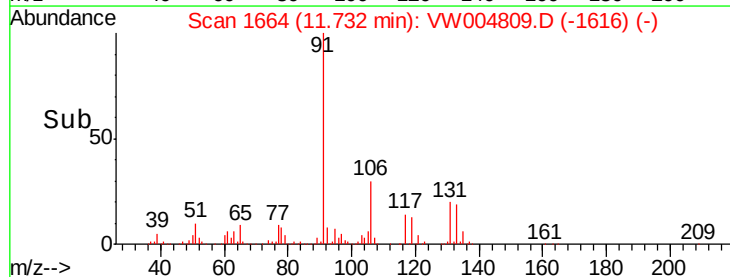
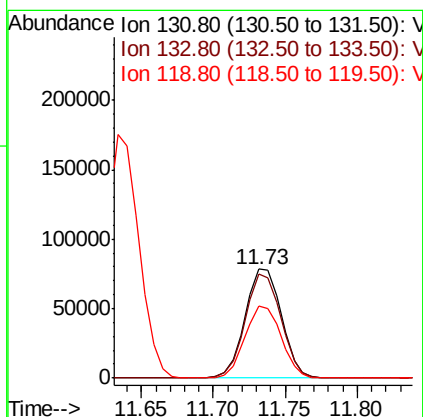
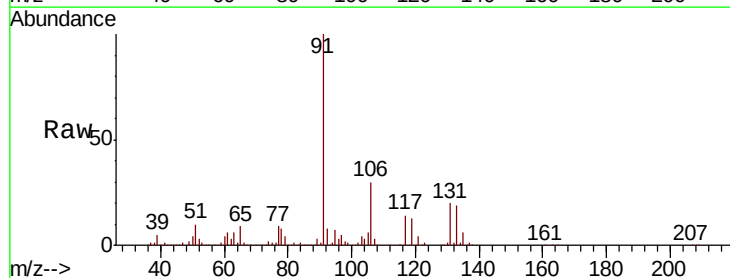
Instrument :
MSVOA_W
ClientSampled :
VW0820SBS02

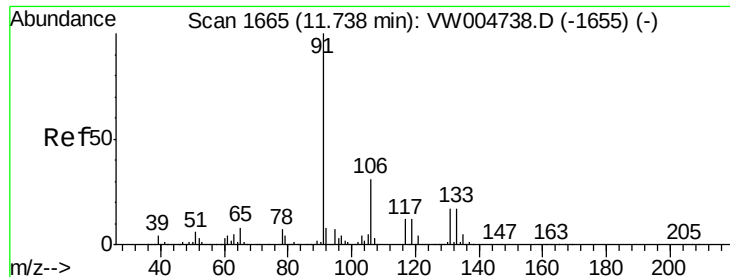
Tgt Ion:112 Resp: 409424
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.744 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VW004809.D
Acq: 21 Aug 2018 00:45

Tgt Ion:131 Resp: 137146
Ion Ratio Lower Upper
131 100
133 93.7 48.2 144.6
119 66.0 34.0 102.0

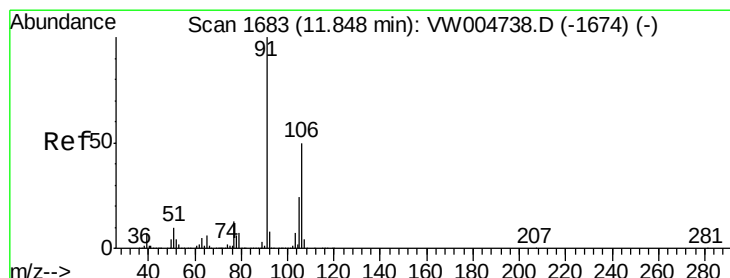
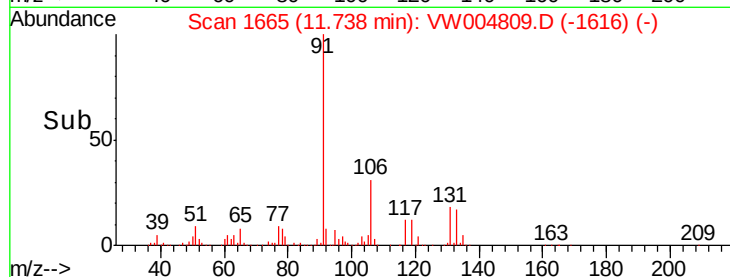
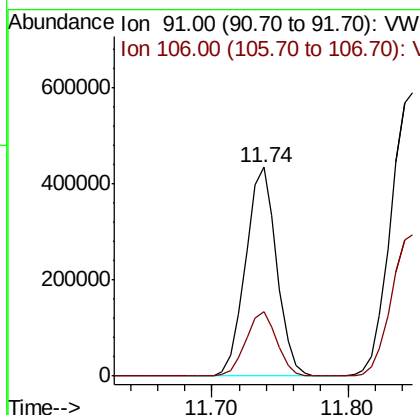
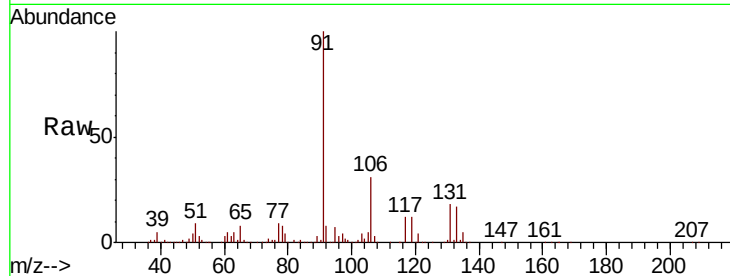




#67
Ethyl Benzene
Concen: 20.839 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004809.D
Acq: 21 Aug 2018 00:45

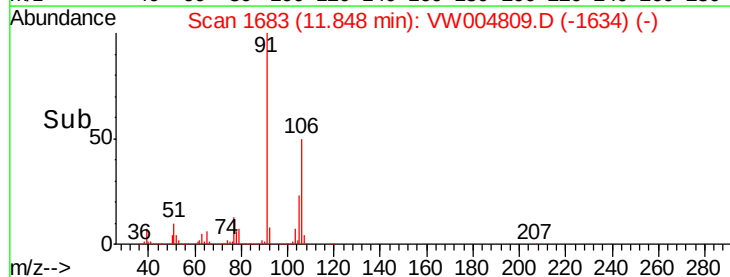
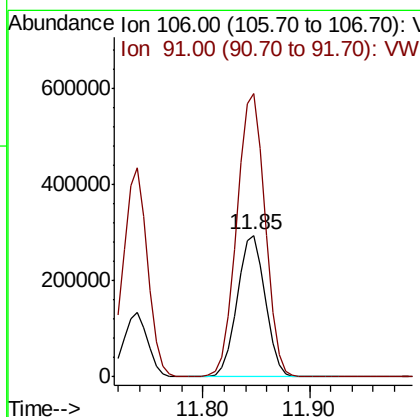
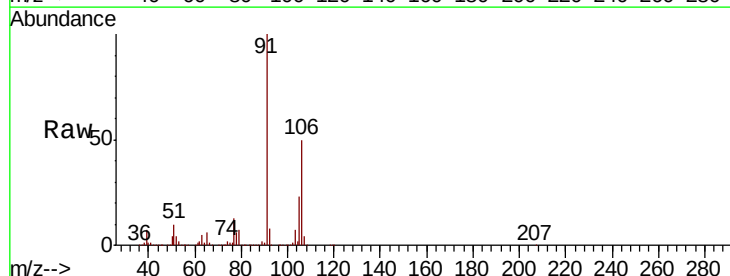
Instrument :
MSVOA_W
ClientSampleId :
VW0820SBS02

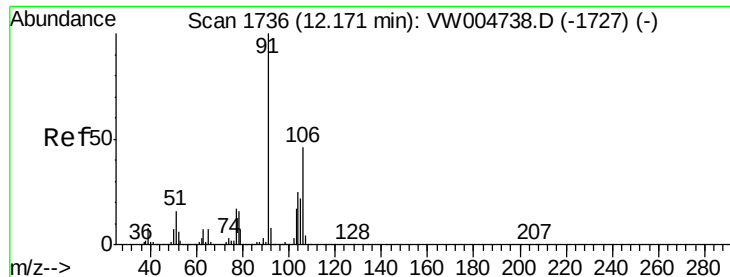
Tgt Ion: 91 Resp: 691715
Ion Ratio Lower Upper
91 100
106 30.6 24.9 37.3



#68
m/p-Xylenes
Concen: 42.133 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW004809.D
Acq: 21 Aug 2018 00:45

Tgt Ion: 106 Resp: 544122
Ion Ratio Lower Upper
106 100
91 202.2 159.9 239.9

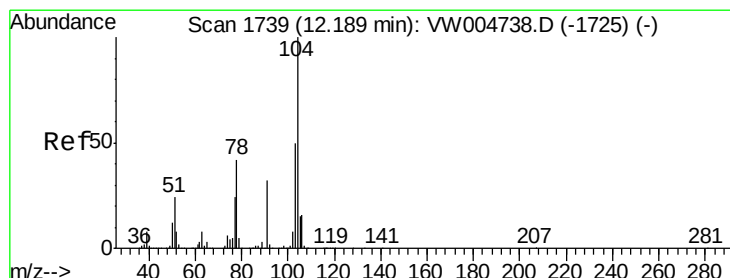
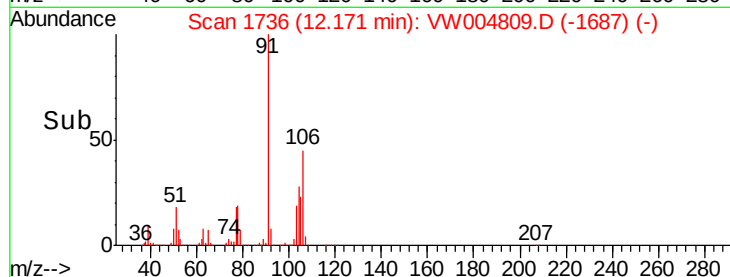
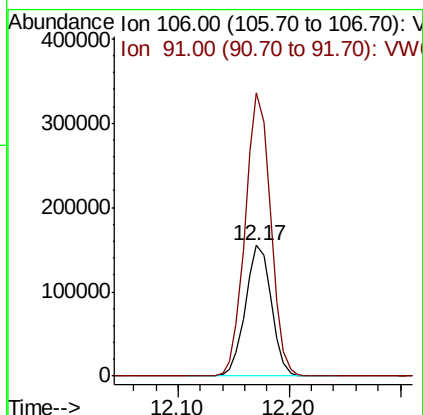
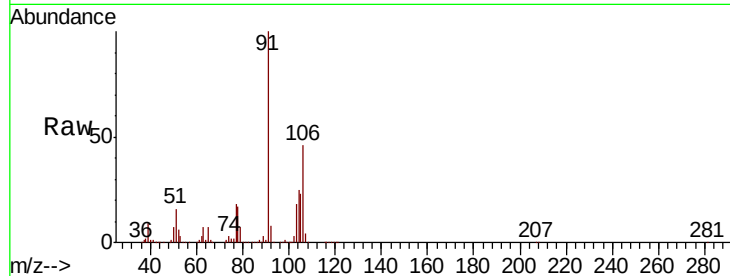




#69
o-Xylene
Concen: 21.055 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004809.D
Acq: 21 Aug 2018 00:45

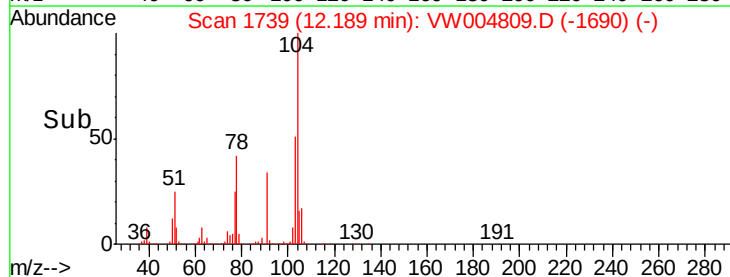
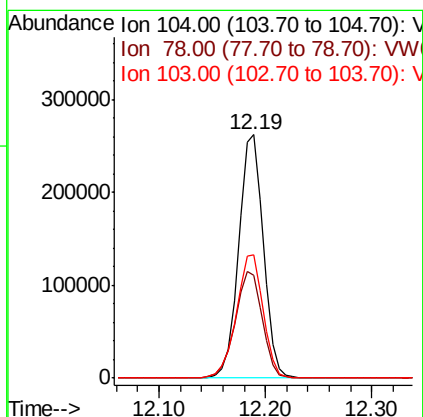
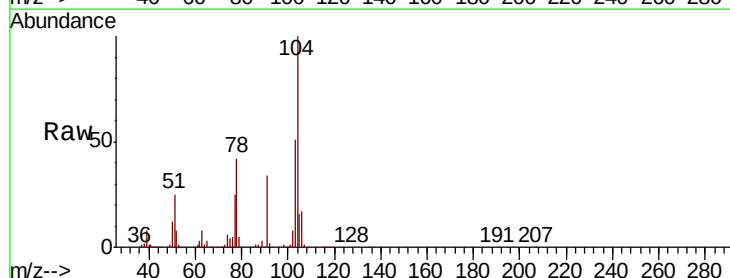
Instrument :
MSVOA_W
ClientSampleId :
VW0820SBS02

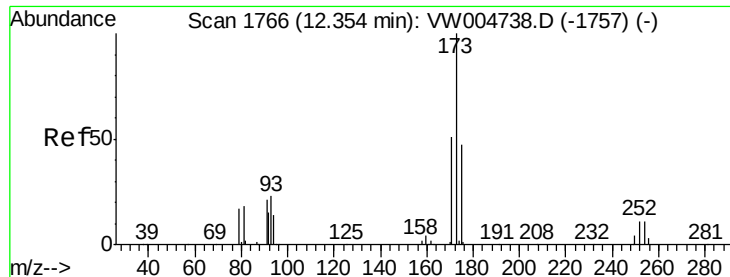
Tgt Ion:106 Resp: 251717
Ion Ratio Lower Upper
106 100
91 212.8 107.3 321.8



#70
Styrene
Concen: 21.277 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW004809.D
Acq: 21 Aug 2018 00:45

Tgt Ion:104 Resp: 427293
Ion Ratio Lower Upper
104 100
78 48.1 38.4 57.6
103 55.1 44.1 66.1





#71

Bromoform

Concen: 20.822 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW004809.D

Acq: 21 Aug 2018 00:45

Instrument :

MSVOA_W

ClientSampled :

VW0820SBS02

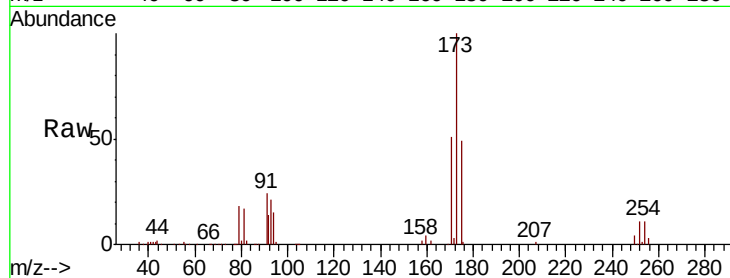
Tgt Ion:173 Resp: 72660

Ion Ratio Lower Upper

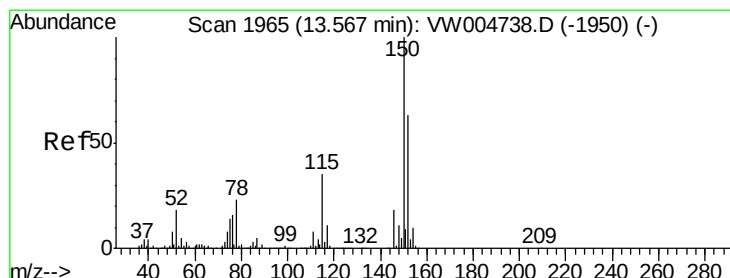
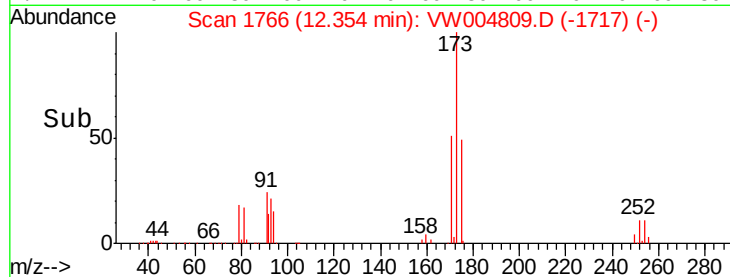
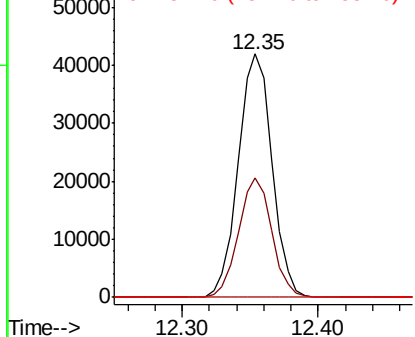
173 100

175 48.2 23.8 71.4

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004809.D

Acq: 21 Aug 2018 00:45

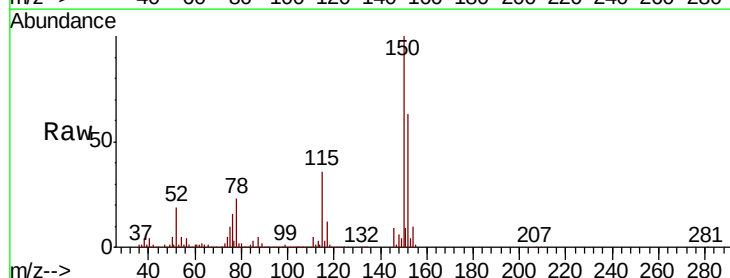
Tgt Ion:152 Resp: 487694

Ion Ratio Lower Upper

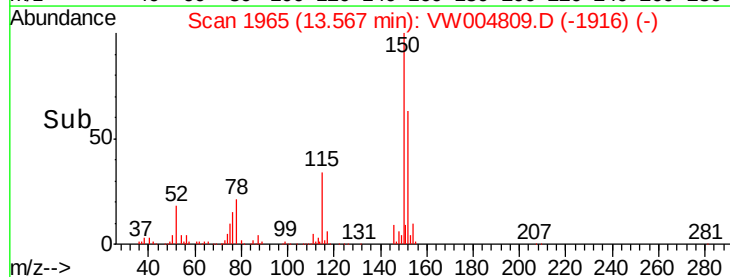
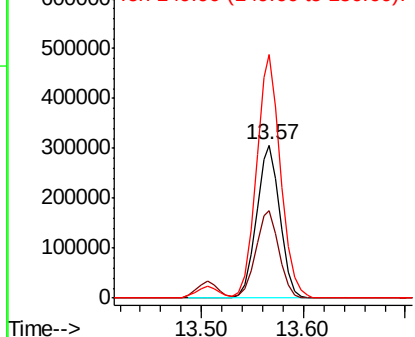
152 100

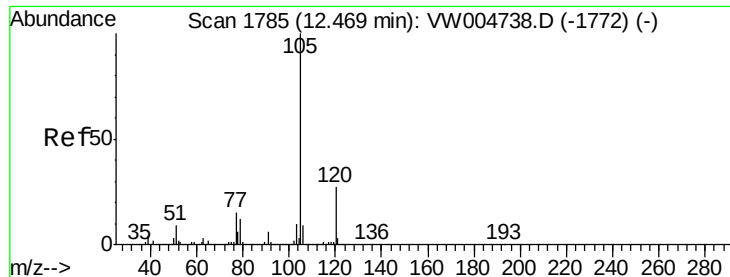
115 57.0 28.5 85.5

150 164.0 0.0 344.8



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: 20.674 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004809.D

Acq: 21 Aug 2018 00:45

Instrument :

MSVOA_W

ClientSampleId :

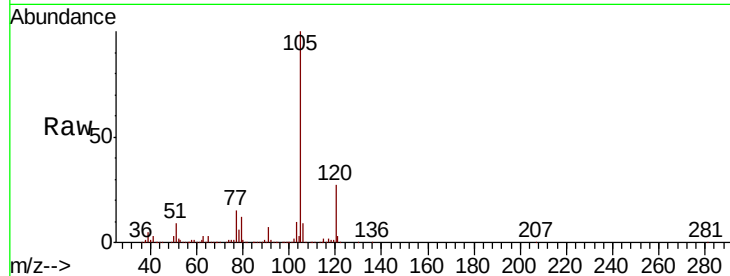
VW0820SBS02

Tgt Ion:105 Resp: 685925

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

400000

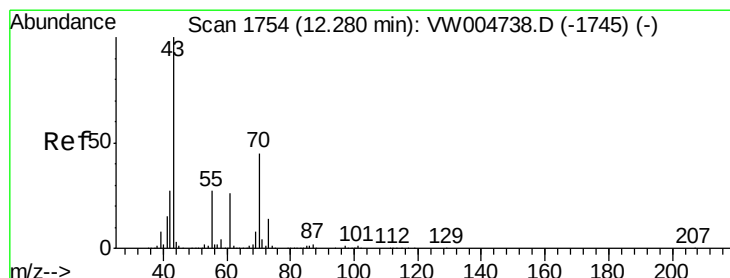
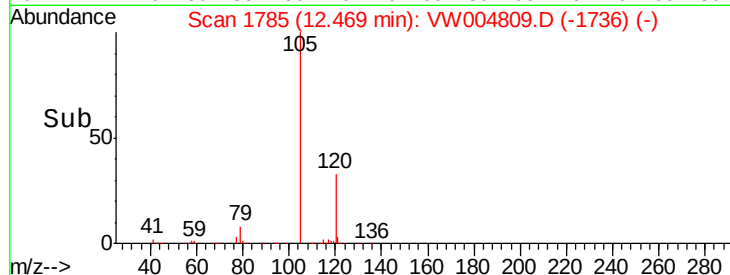
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 20.574 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004809.D

Acq: 21 Aug 2018 00:45

Tgt Ion: 43 Resp: 139890

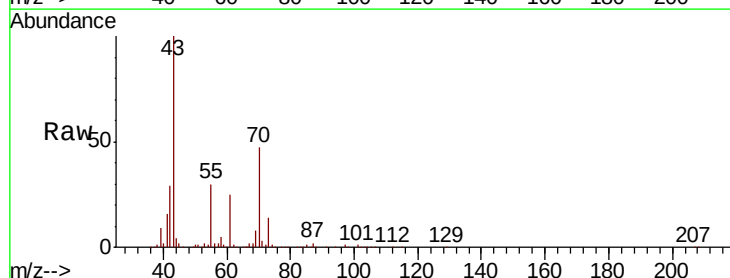
Ion Ratio Lower Upper

43 100

70 45.6 36.3 54.5

55 30.1 22.6 33.8

61 24.9 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

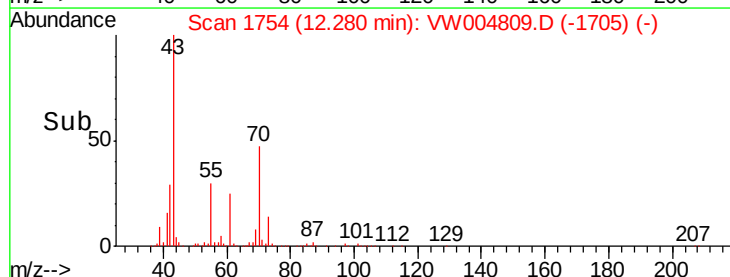
12.28

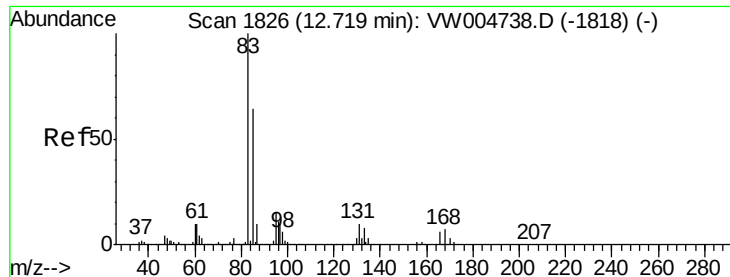
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.152 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004809.D

Acq: 21 Aug 2018 00:45

Instrument :

MSVOA_W

ClientSampleId :

VW0820SBS02

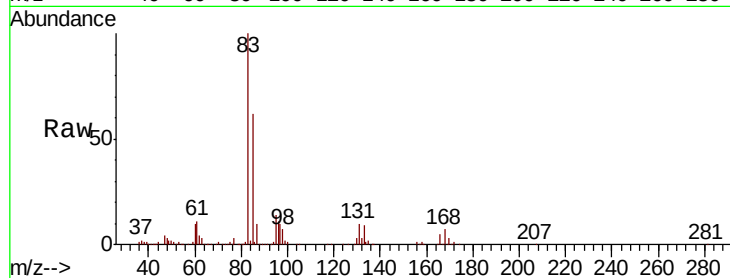
Tgt Ion: 83 Resp: 130003

Ion Ratio Lower Upper

83 100

131 10.3 5.3 15.8

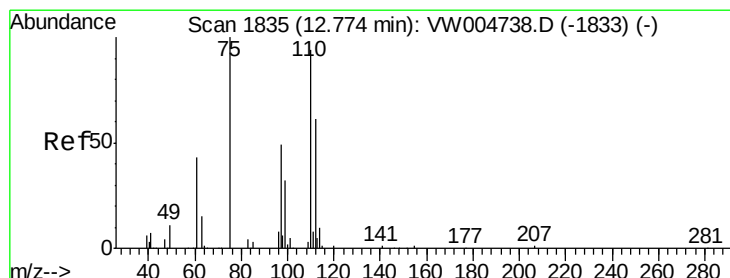
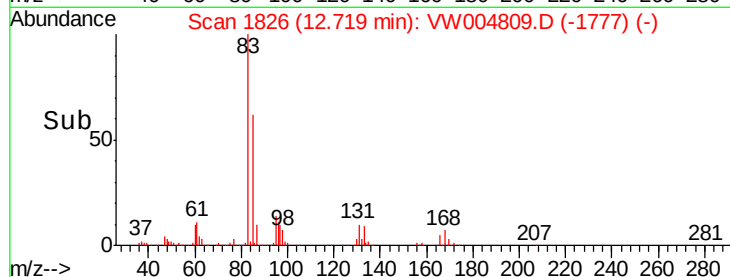
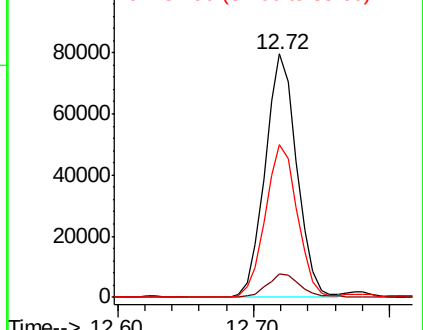
85 63.6 31.9 95.9



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: 37.502 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW004809.D

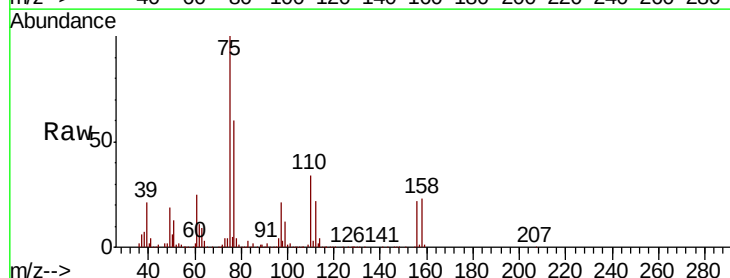
Acq: 21 Aug 2018 00:45

Tgt Ion: 75 Resp: 161227

Ion Ratio Lower Upper

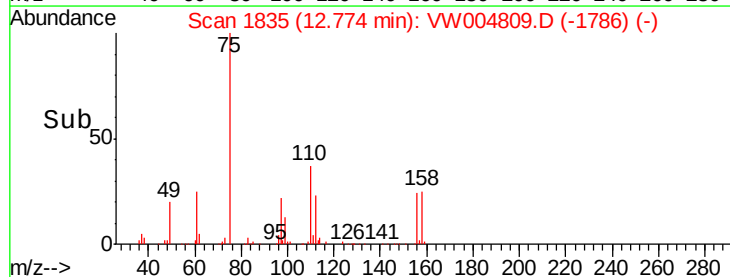
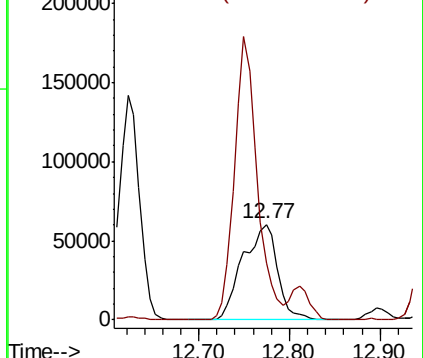
75 100

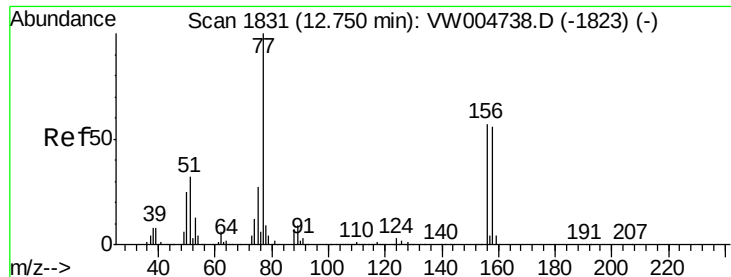
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.795 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VW004809.D

Acq: 21 Aug 2018 00:45

Instrument :

MSVOA_W

ClientSampleId :

VW0820SBS02

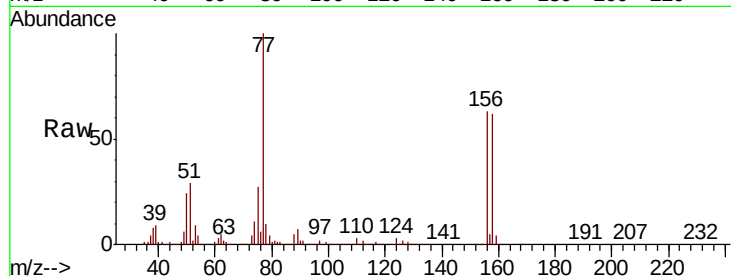
Tgt Ion: 156 Resp: 167004

Ion Ratio Lower Upper

156 100

77 187.4 94.2 282.4

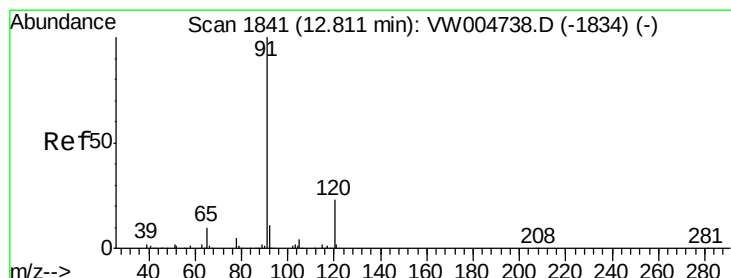
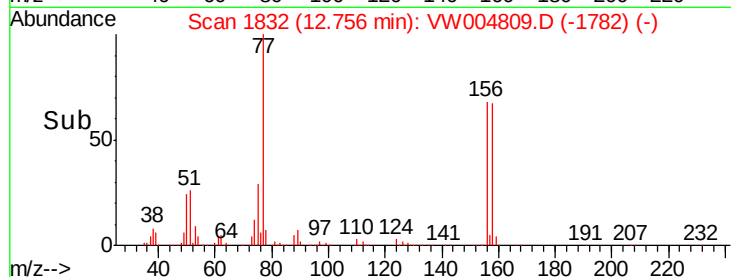
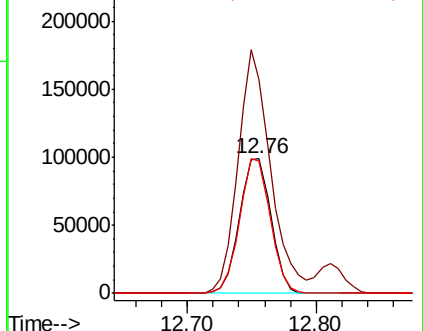
158 97.7 48.6 145.9



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: 21.182 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW004809.D

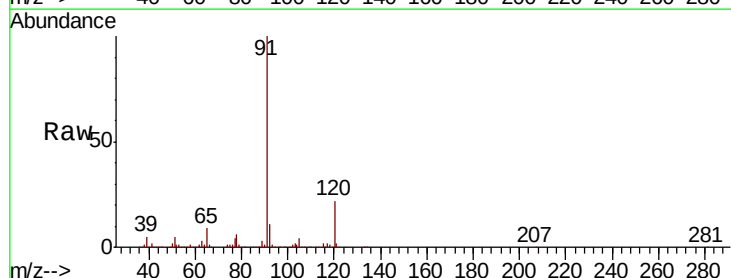
Acq: 21 Aug 2018 00:45

Tgt Ion: 91 Resp: 857580

Ion Ratio Lower Upper

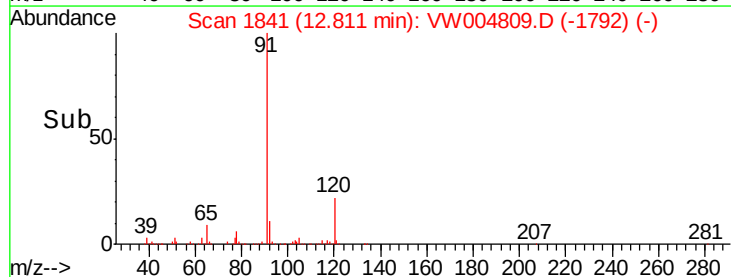
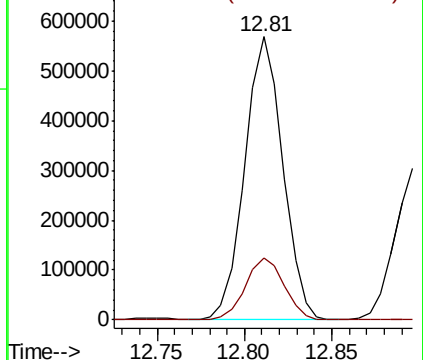
91 100

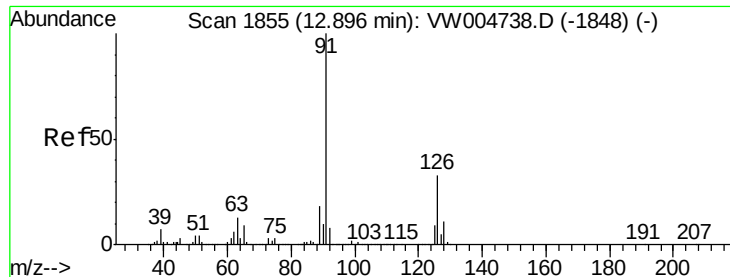
120 22.3 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.171 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004809.D

Acq: 21 Aug 2018 00:45

Instrument :

MSVOA_W

ClientSampleId :

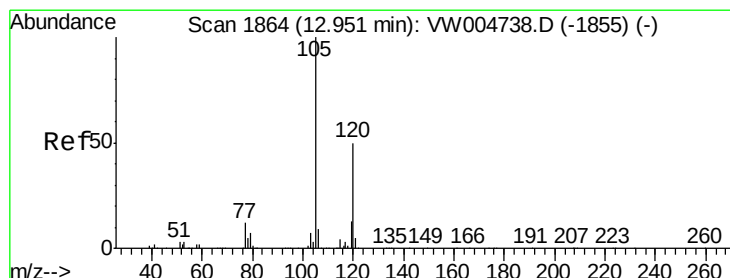
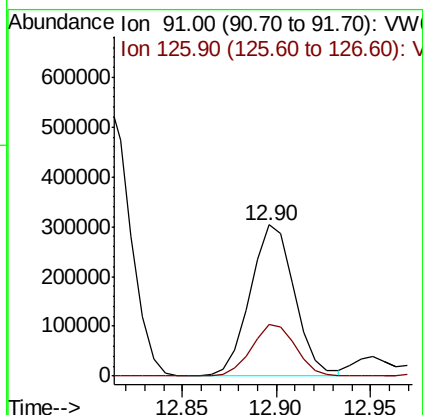
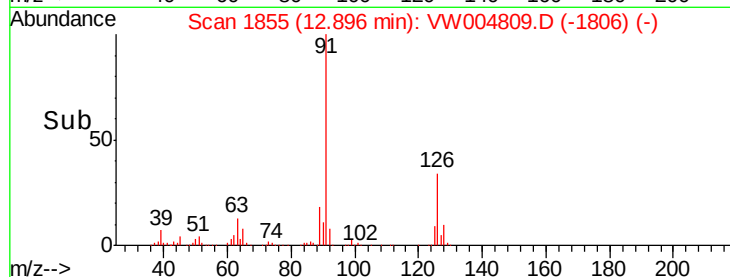
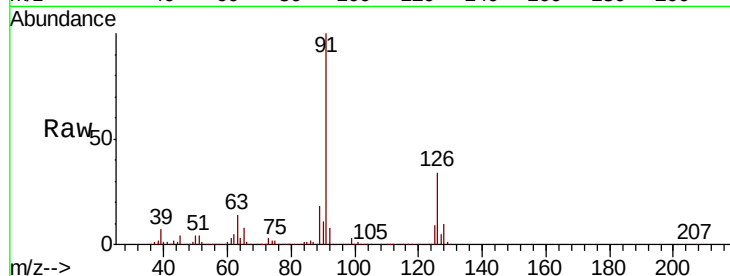
VW0820SBS02

Tgt Ion: 91 Resp: 494069

Ion Ratio Lower Upper

91 100

126 33.8 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 21.473 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004809.D

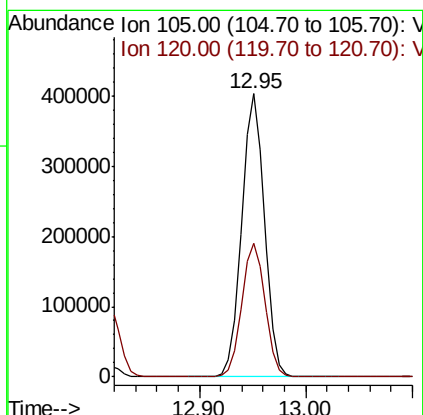
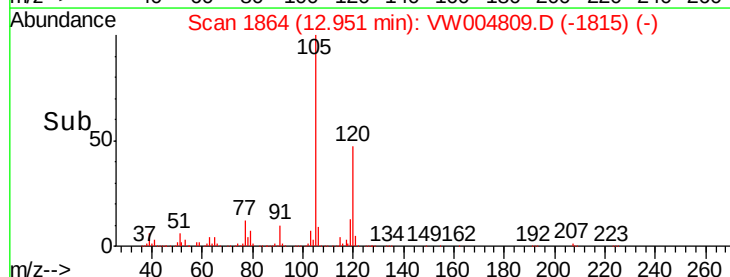
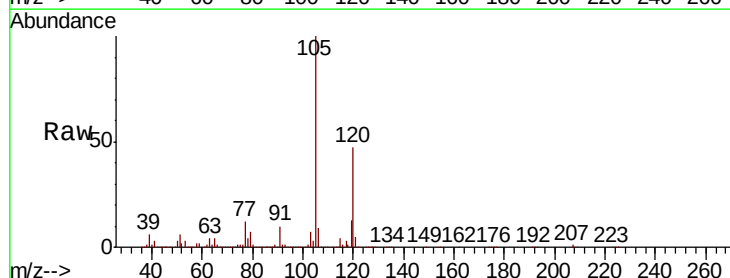
Acq: 21 Aug 2018 00:45

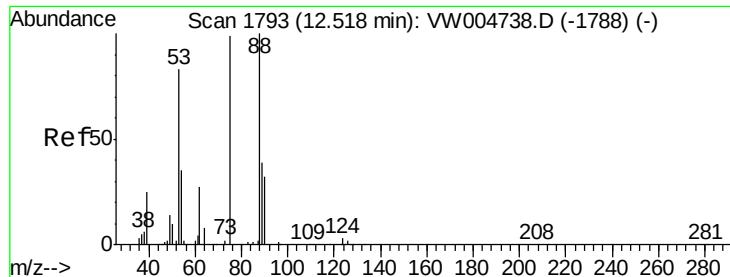
Tgt Ion: 105 Resp: 605256

Ion Ratio Lower Upper

105 100

120 48.5 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 19.044 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW004809.D

Acq: 21 Aug 2018 00:45

Instrument :

MSVOA_W

ClientSampleId :

VW0820SBS02

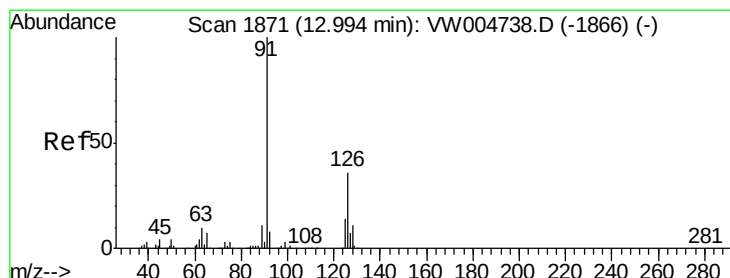
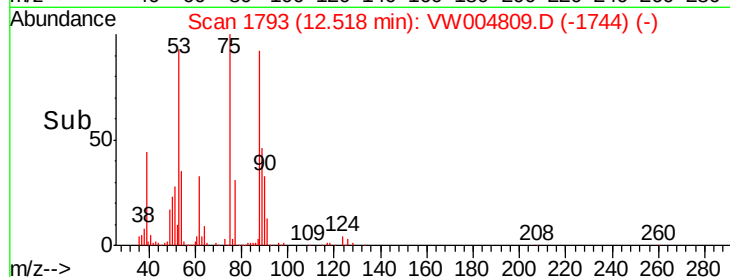
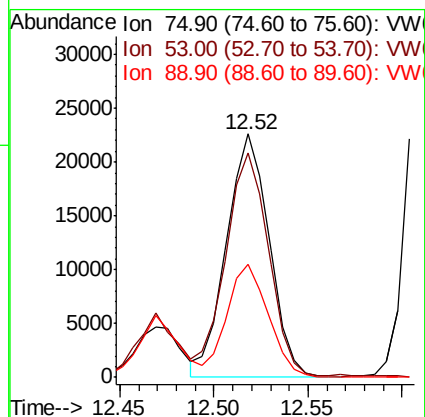
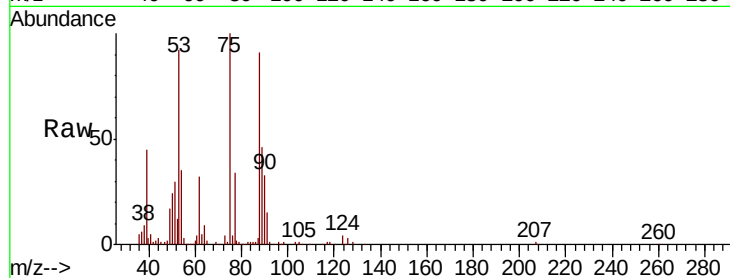
Tgt Ion: 75 Resp: 35225

Ion Ratio Lower Upper

75 100

53 93.0 72.2 108.4

89 45.2 35.2 52.8



#82

4-Chlorotoluene

Concen: 21.117 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VW004809.D

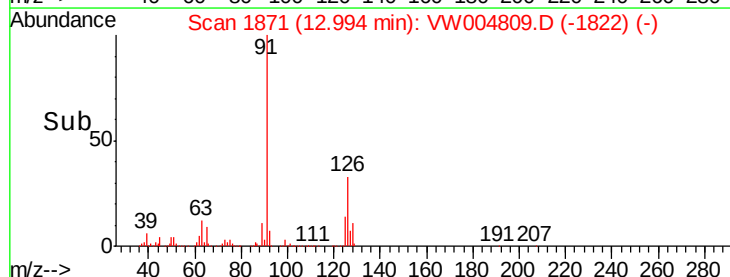
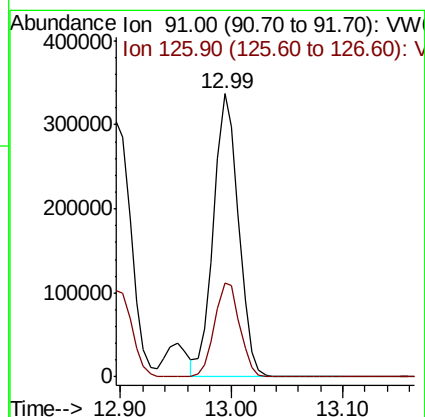
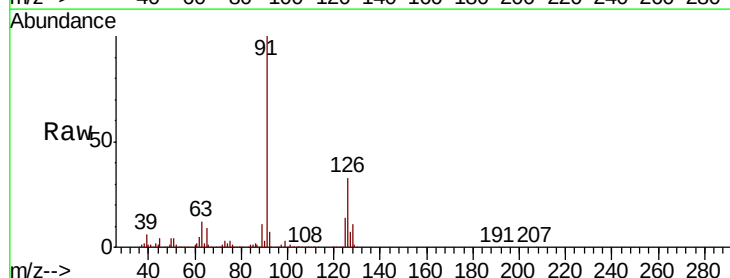
Acq: 21 Aug 2018 00:45

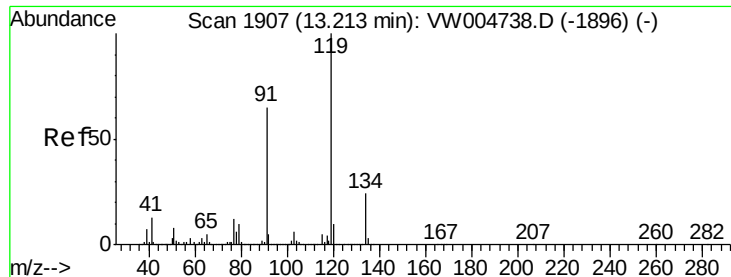
Tgt Ion: 91 Resp: 523606

Ion Ratio Lower Upper

91 100

126 33.7 16.9 50.7

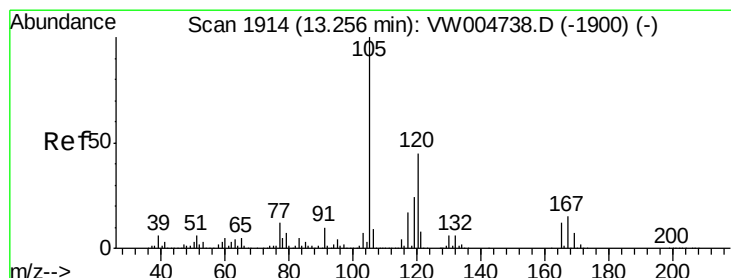
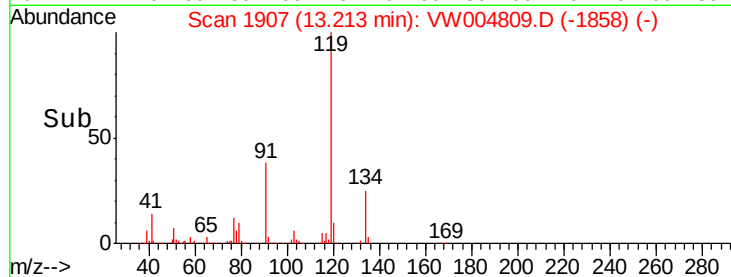
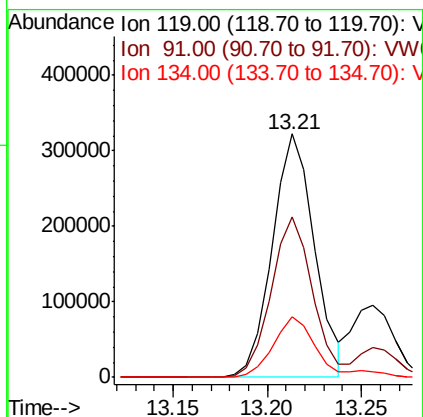
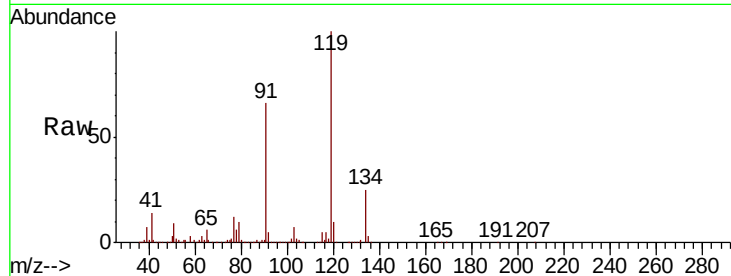




#83
 tert-Butylbenzene
 Concen: 20.712 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW004809.D
 Acq: 21 Aug 2018 00:45

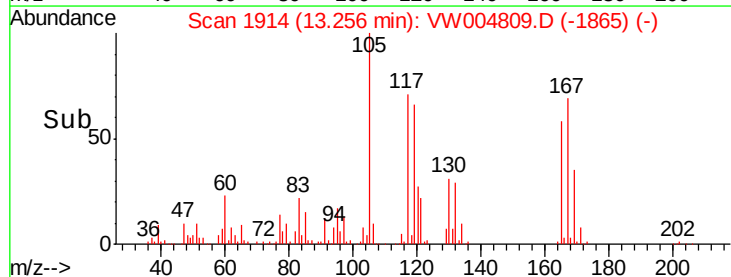
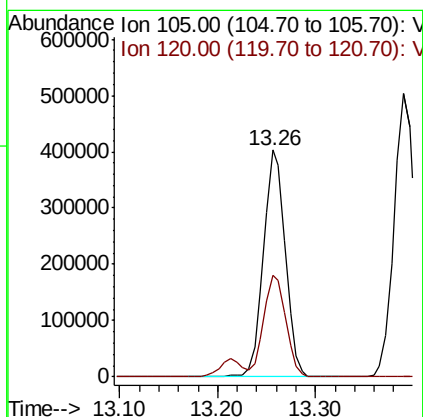
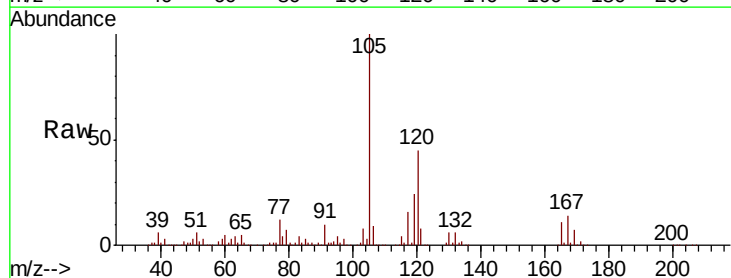
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBS02

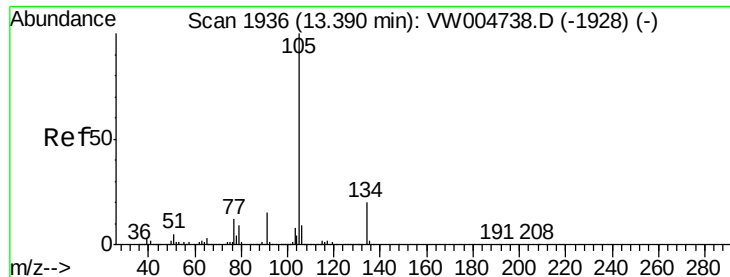
Tgt Ion:119 Resp: 499362
 Ion Ratio Lower Upper
 119 100
 91 65.5 32.6 97.8
 134 24.6 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 21.532 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW004809.D
 Acq: 21 Aug 2018 00:45

Tgt Ion:105 Resp: 624420
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.8 68.3

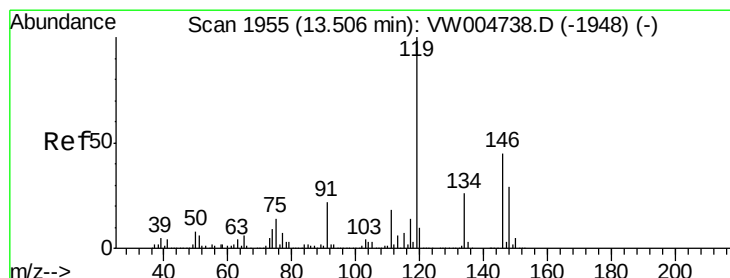
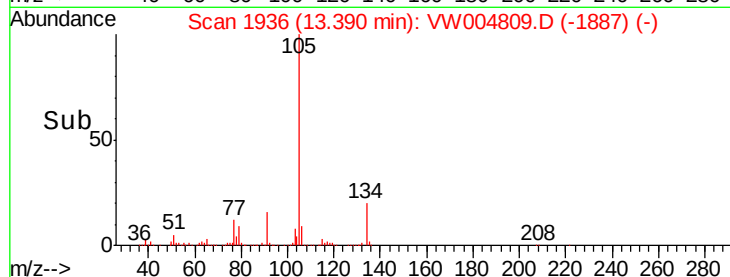
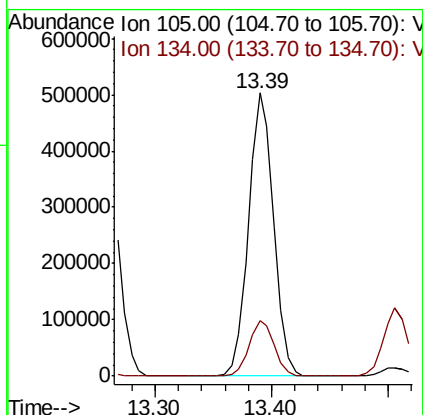
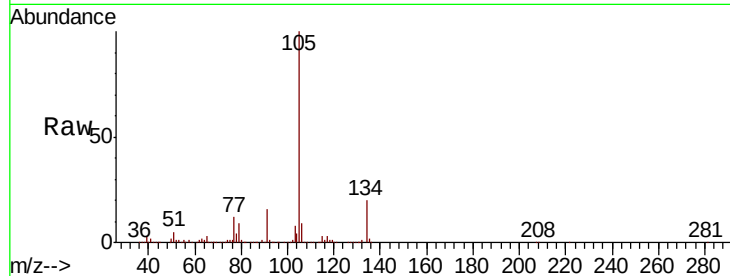




#85
 sec-Butylbenzene
 Concen: 20.856 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004809.D
 Acq: 21 Aug 2018 00:45

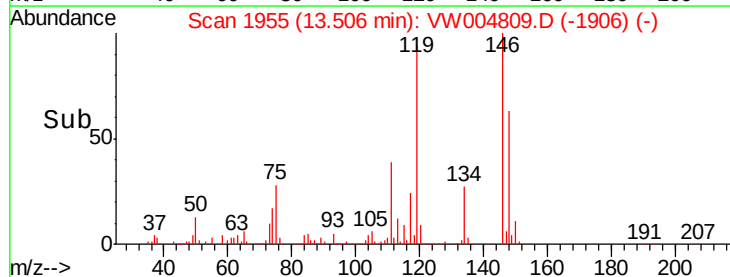
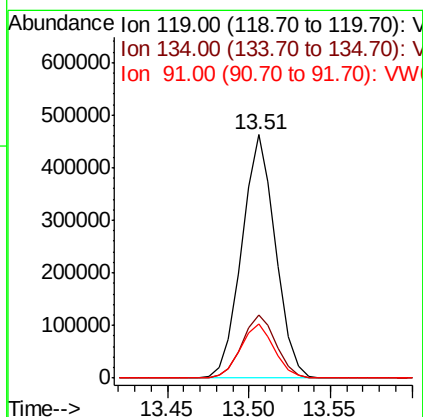
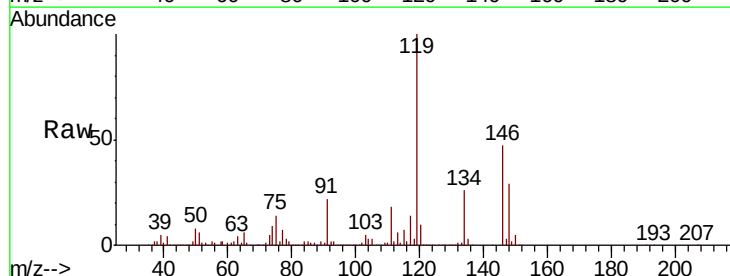
Instrument :
 MSVOA_W
 ClientSampled :
 VW0820SBS02

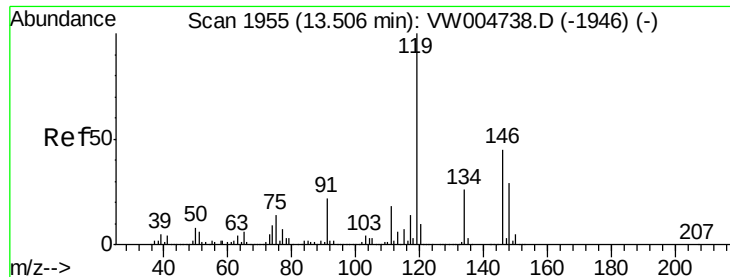
Tgt Ion:105 Resp: 750730
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 21.105 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004809.D
 Acq: 21 Aug 2018 00:45

Tgt Ion:119 Resp: 660996
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.3
 91 22.4 11.2 33.5

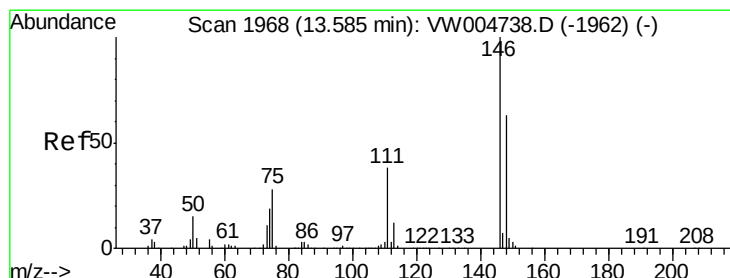
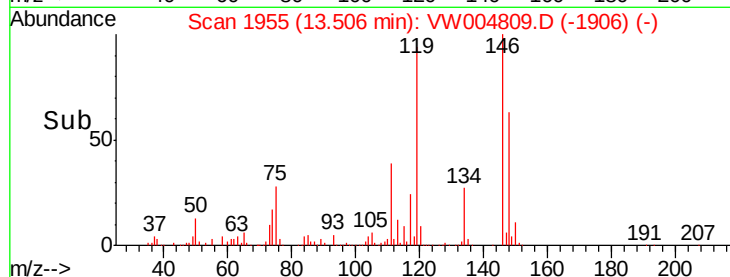
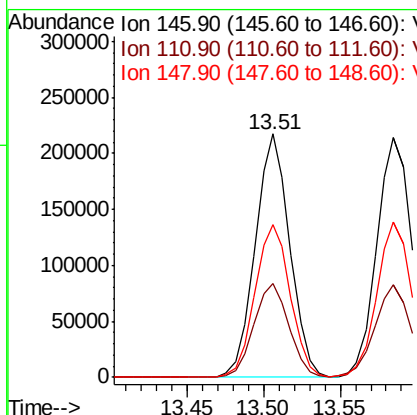
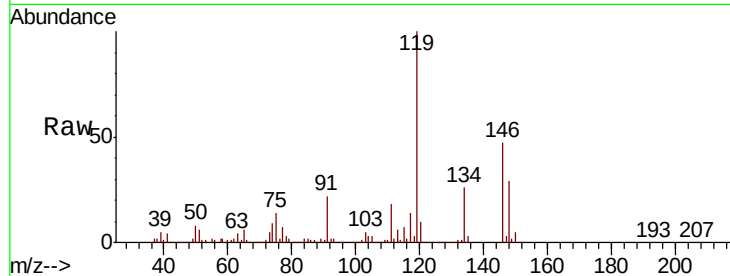




#87
 1,3-Dichlorobenzene
 Concen: 20.875 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004809.D
 Acq: 21 Aug 2018 00:45

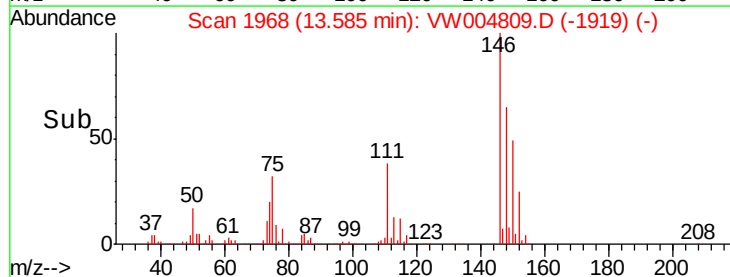
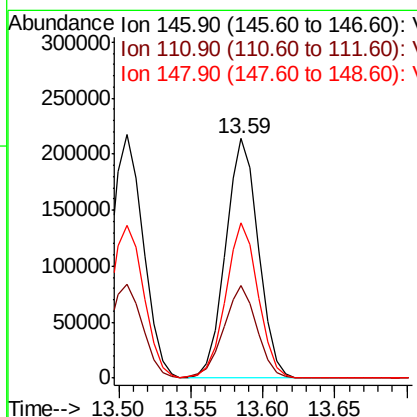
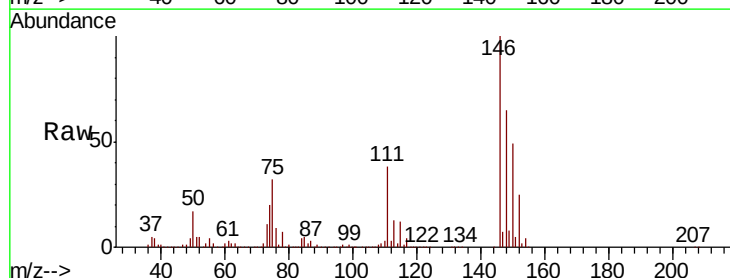
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBS02

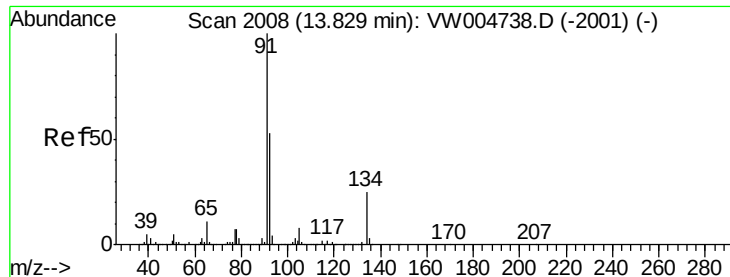
Tgt Ion:146 Resp: 341006
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.8 59.4
 148 63.9 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 20.845 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW004809.D
 Acq: 21 Aug 2018 00:45

Tgt Ion:146 Resp: 340362
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.3 57.8
 148 64.0 31.8 95.3





#89

n-Butylbenzene

Concen: 20.280 ug/l

RT: 13.83 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VW004809.D

Acq: 21 Aug 2018 00:45

Instrument :

MSVOA_W

ClientSampleId :

VW0820SBS02

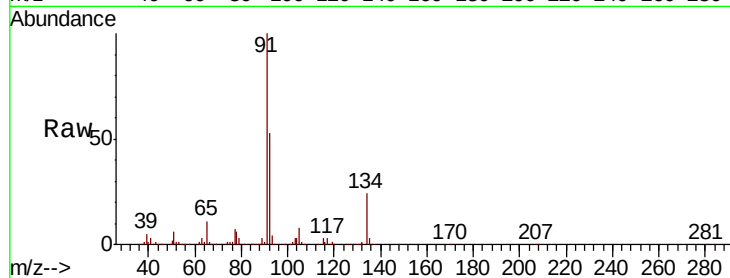
Tgt Ion: 91 Resp: 614113

Ion Ratio Lower Upper

91 100

92 52.6 26.4 79.2

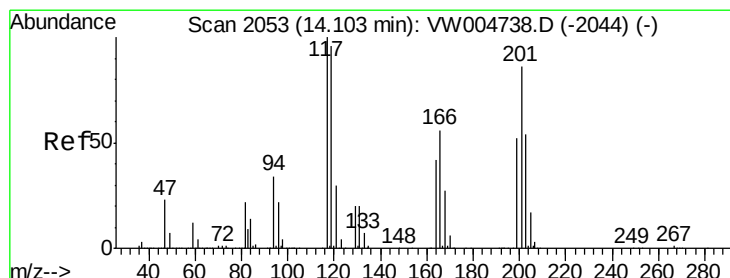
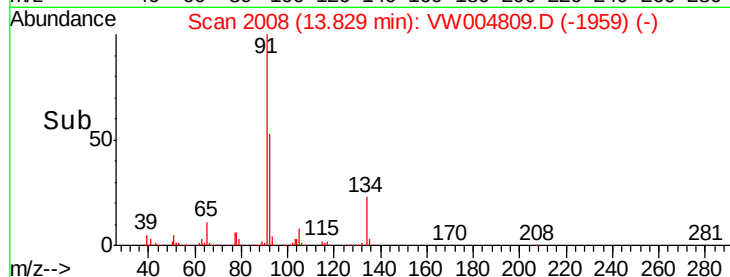
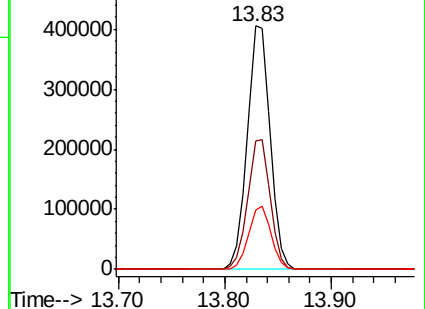
134 25.7 12.8 38.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 20.194 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW004809.D

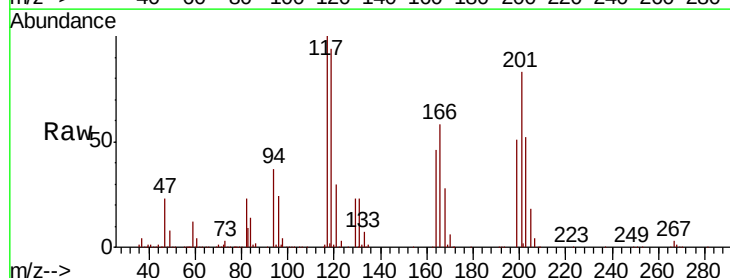
Acq: 21 Aug 2018 00:45

Tgt Ion: 117 Resp: 115283

Ion Ratio Lower Upper

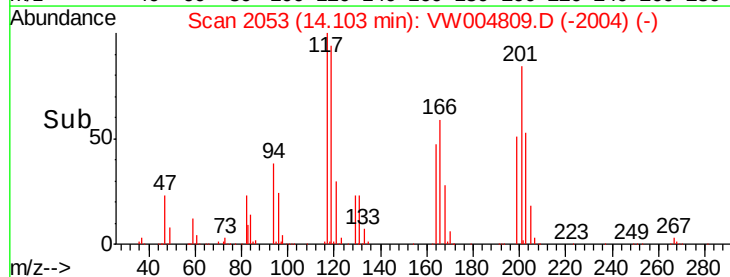
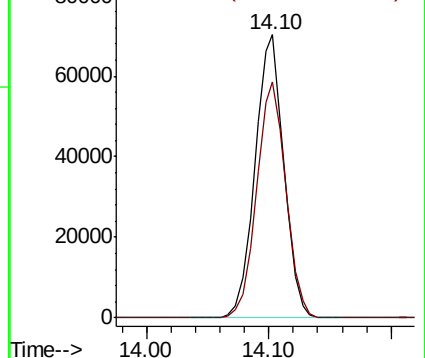
117 100

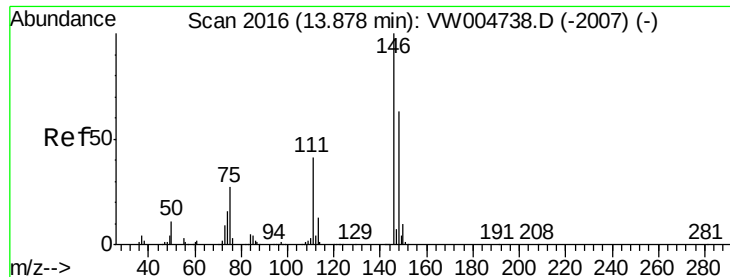
201 84.4 42.4 127.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

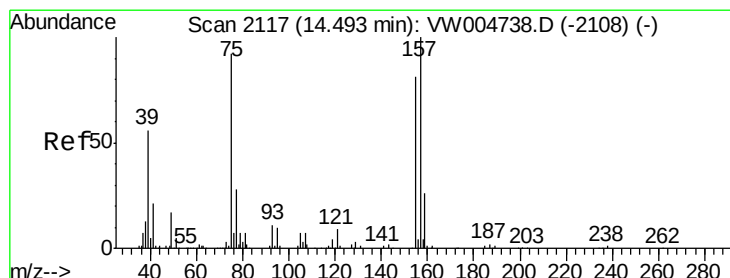
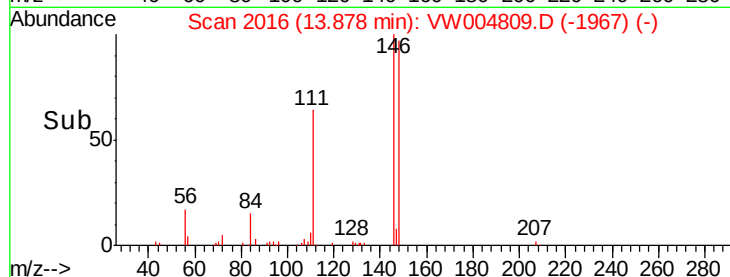
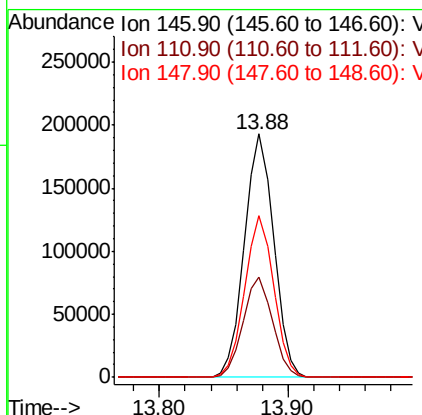
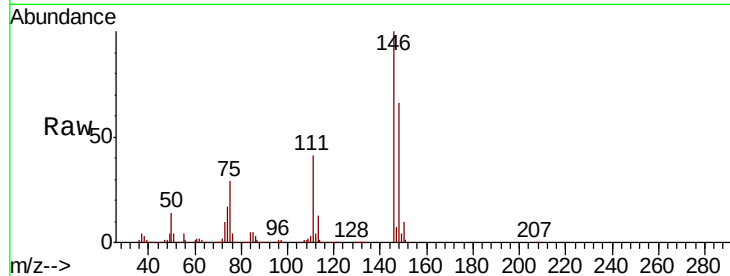




#91
 1,2-Dichlorobenzene
 Concen: 20.655 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW004809.D
 Acq: 21 Aug 2018 00:45

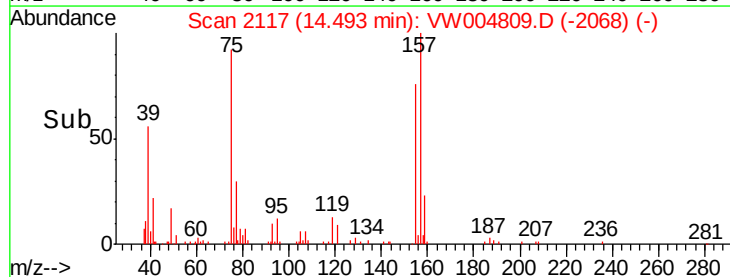
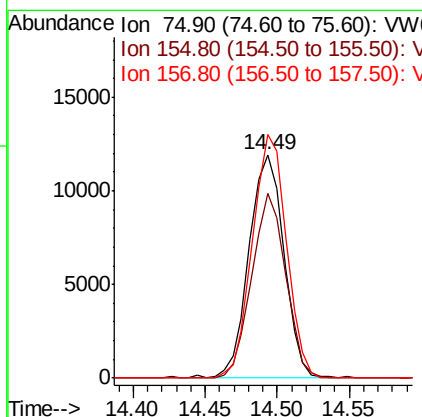
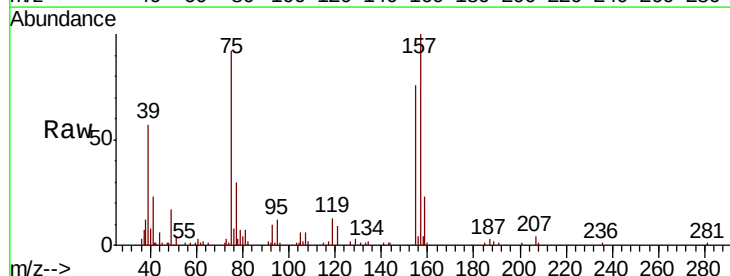
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBS02

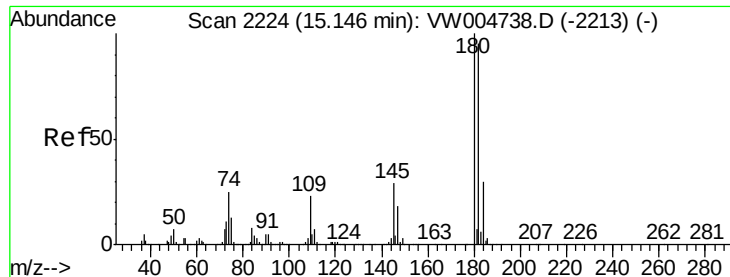
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.4	61.3
148	65.5	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.782 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW004809.D
 Acq: 21 Aug 2018 00:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.1	43.3	129.9
157	106.3	54.5	163.6

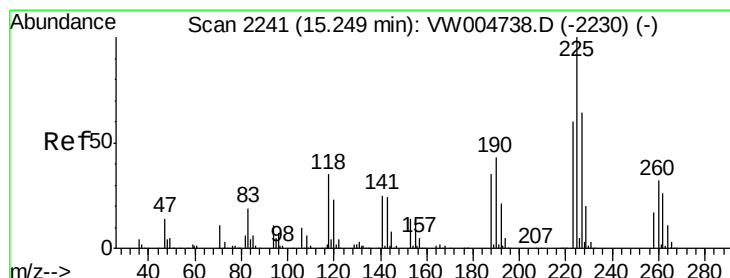
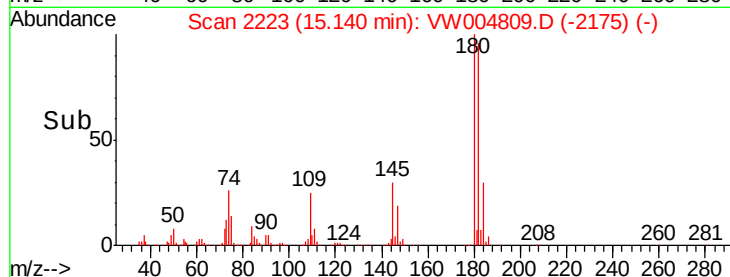
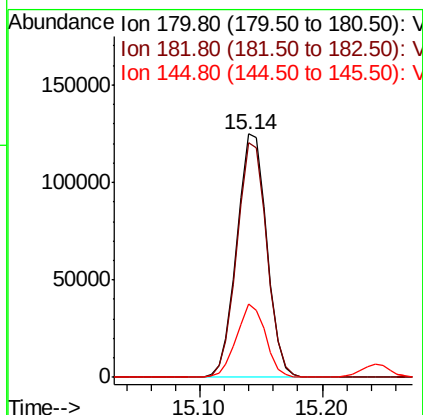
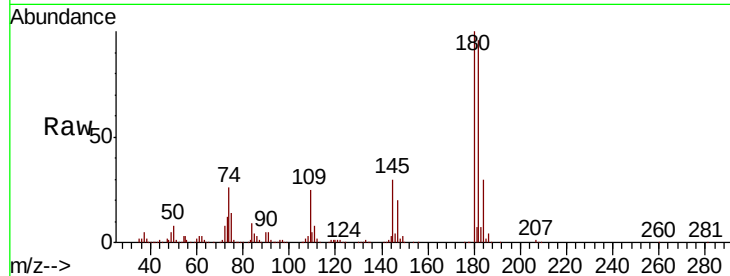




#93
 1,2,4-Trichlorobenzene
 Concen: 20.377 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: VW004809.D
 Acq: 21 Aug 2018 00:45

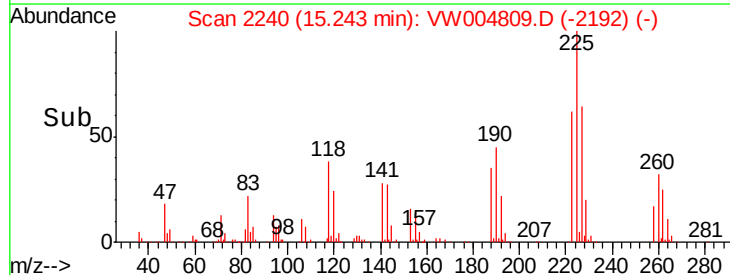
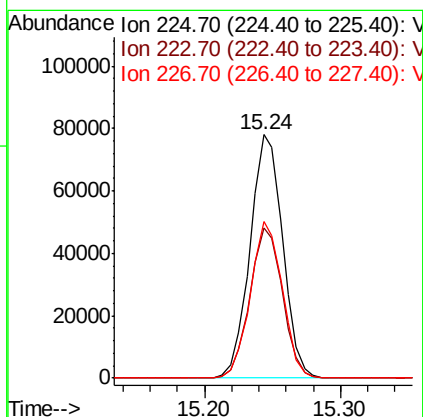
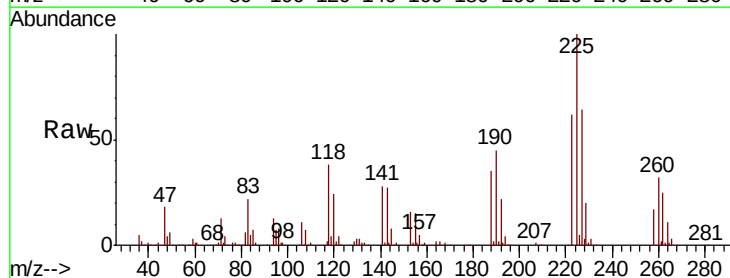
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBS02

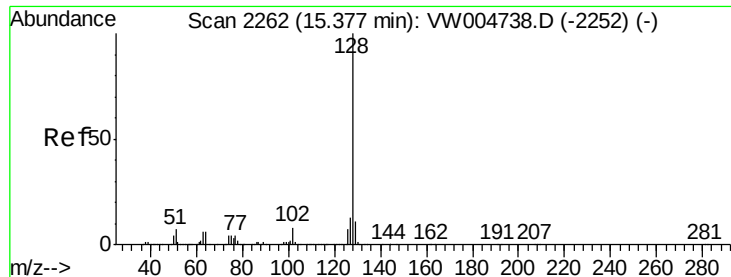
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.3	141.8
145	29.2	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 20.409 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW004809.D
 Acq: 21 Aug 2018 00:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	30.9	92.5
227	62.9	32.0	96.0

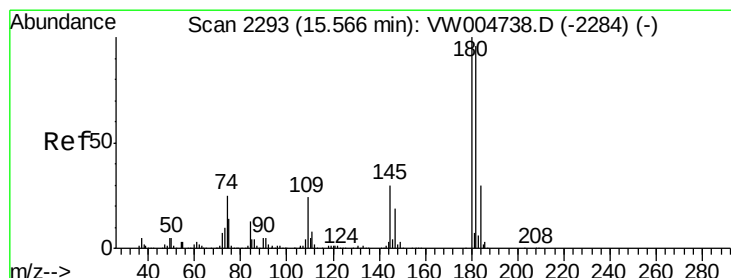
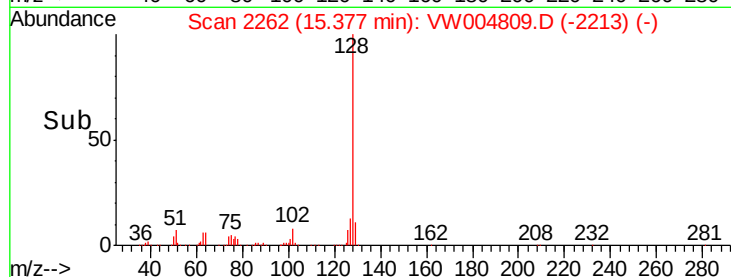
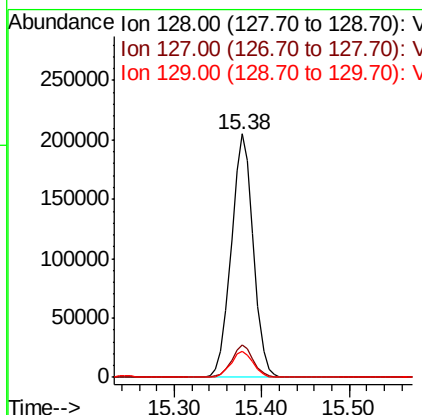
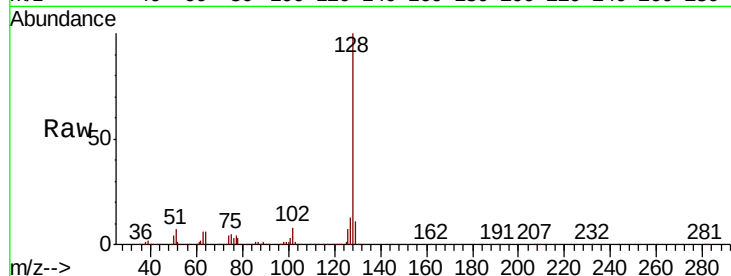




#95
Naphthalene
Concen: 20.099 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004809.D
Acq: 21 Aug 2018 00:45

Instrument :
MSVOA_W
ClientSampleId :
VW0820SBS02

Tgt Ion:128 Resp: 358769
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.735 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004809.D
Acq: 21 Aug 2018 00:45

Tgt Ion:180 Resp: 190814
Ion Ratio Lower Upper
180 100
182 95.8 47.3 142.0
145 31.0 15.4 46.1

