

Data File : VW008591.D
Acq On : 11 Feb 2019 12:29
Operator : SY/VA
Sample : VW0211SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0211SBS01

Quant Time: Feb 12 04:26:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	470270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	715562	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	624007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	325361	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	238518	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
35) Dibromofluoromethane	7.88	113	232244	55.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.02%	
50) Toluene-d8	10.32	98	900844	53.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.38%	
62) 4-Bromofluorobenzene	12.62	95	332834	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	36613	15.848	ug/l	91
3) Chloromethane	2.21	50	62554	16.296	ug/l	98
4) Vinyl Chloride	2.36	62	86630	17.728	ug/l	97
5) Bromomethane	2.78	94	69491	22.048	ug/l	97
6) Chloroethane	2.92	64	67734	22.665	ug/l	98
7) Trichlorofluoromethane	3.25	101	64613	18.490	ug/l	96
8) Diethyl Ether	3.67	74	39765	16.956	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	77202	18.151	ug/l	97
10) Methyl Iodide	4.26	142	120142	17.883	ug/l	99
11) Tert butyl alcohol	5.20	59	24600	66.136	ug/l #	93
12) 1,1-Dichloroethene	4.03	96	75233	17.478	ug/l	94
13) Acrolein	3.89	56	22840	72.617	ug/l	99
14) Allyl chloride	4.65	41	134306	16.431	ug/l	96
15) Acrylonitrile	5.37	53	79717	78.718	ug/l	99
16) Acetone	4.12	43	80585	77.674	ug/l	98
17) Carbon Disulfide	4.37	76	216436	15.743	ug/l	97
18) Methyl Acetate	4.67	43	42978	15.531	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	126652	17.783	ug/l	98
20) Methylene Chloride	4.90	84	86668	18.124	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	86879	17.953	ug/l	92
22) Diisopropyl ether	6.31	45	260059	16.787	ug/l	98
23) Vinyl Acetate	6.25	43	738343	80.718	ug/l	100
24) 1,1-Dichloroethane	6.20	63	150196	17.129	ug/l	98
25) 2-Butanone	7.17	43	112439	78.026	ug/l	96
26) 2,2-Dichloropropane	7.15	77	106375	17.947	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	92367	17.514	ug/l	99
28) Bromochloromethane	7.50	49	75161	18.662	ug/l	98
29) Tetrahydrofuran	7.52	42	69619	76.237	ug/l	98
30) Chloroform	7.67	83	153282	17.772	ug/l	97
31) Cyclohexane	7.95	56	150358	16.583	ug/l #	90
32) 1,1,1-Trichloroethane	7.87	97	134729	18.086	ug/l	100
36) 1,1-Dichloropropene	8.07	75	127426	18.852	ug/l	99
37) Ethyl Acetate	7.26	43	50664	16.942	ug/l	97
38) Carbon Tetrachloride	8.06	117	130078	19.124	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	157055	17.687	ug/l	96
40) Benzene	8.32	78	343195	18.298	ug/l	100
41) Methacrylonitrile	7.48	41	31344	17.701	ug/l	99
42) 1,2-Dichloroethane	8.40	62	98741	18.166	ug/l	99
43) Isopropyl Acetate	8.42	43	104512	16.822	ug/l	98
44) Trichloroethene	9.09	130	95978	18.818	ug/l	97
45) 1,2-Dichloropropane	9.37	63	83412	17.836	ug/l	95
46) Dibromomethane	9.46	93	43389	18.038	ug/l	96
47) Bromodichloromethane	9.64	83	116533	18.316	ug/l	99
48) Methyl methacrylate	9.43	41	47732	15.712	ug/l	98
49) 1,4-Dioxane	9.46	88	13160	323.676	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	252192	82.165	ug/l	99
52) Toluene	10.38	92	221144	17.861	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	116008	17.136	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	132921	17.301	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	59568	17.854	ug/l	96
56) Ethyl methacrylate	10.65	69	76250	16.310	ug/l	98
57) 1,3-Dichloropropane	10.93	76	107308	17.953	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	221156	97.364	ug/l	98
59) 2-Hexanone	10.97	43	179810	82.983	ug/l	97
60) Dibromochloromethane	11.13	129	73926	17.242	ug/l	98
61) 1,2-Dibromoethane	11.23	107	57152	17.276	ug/l	100
64) Tetrachloroethene	10.86	164	82078	19.427	ug/l	98
65) Chlorobenzene	11.66	112	240785	18.903	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	85412	18.741	ug/l	99
67) Ethyl Benzene	11.73	91	430900	18.403	ug/l	99
68) m/p-Xylenes	11.84	106	338132	37.219	ug/l	97
69) o-Xylene	12.16	106	159774	18.509	ug/l	97
70) Styrene	12.18	104	247673	17.370	ug/l	98
71) Bromoform	12.35	173	44034	17.172	ug/l #	99
73) Isopropylbenzene	12.46	105	444518	18.326	ug/l	99
74) N-amyl acetate	12.27	43	98611	15.781	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	65142	16.963	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	93795	33.157	ug/l #	1
77) Bromobenzene	12.75	156	97970	18.494	ug/l	95
78) n-propylbenzene	12.80	91	528932	18.156	ug/l	99
79) 2-Chlorotoluene	12.89	91	296136	18.013	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	365865	18.046	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	22122	15.446	ug/l	90
82) 4-Chlorotoluene	12.99	91	307236	17.553	ug/l	97
83) tert-Butylbenzene	13.21	119	322946	17.900	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	374729	18.184	ug/l	99
85) sec-Butylbenzene	13.38	105	469783	18.233	ug/l	99
86) p-Isopropyltoluene	13.50	119	419896	18.605	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	199290	18.628	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	197062	18.534	ug/l	99
89) n-Butylbenzene	13.83	91	397947	17.958	ug/l	98
90) Hexachloroethane	14.10	117	78587	17.805	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	173331	18.310	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	12020	16.496	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW021119\
Quantitation Report (Not Reviewed)

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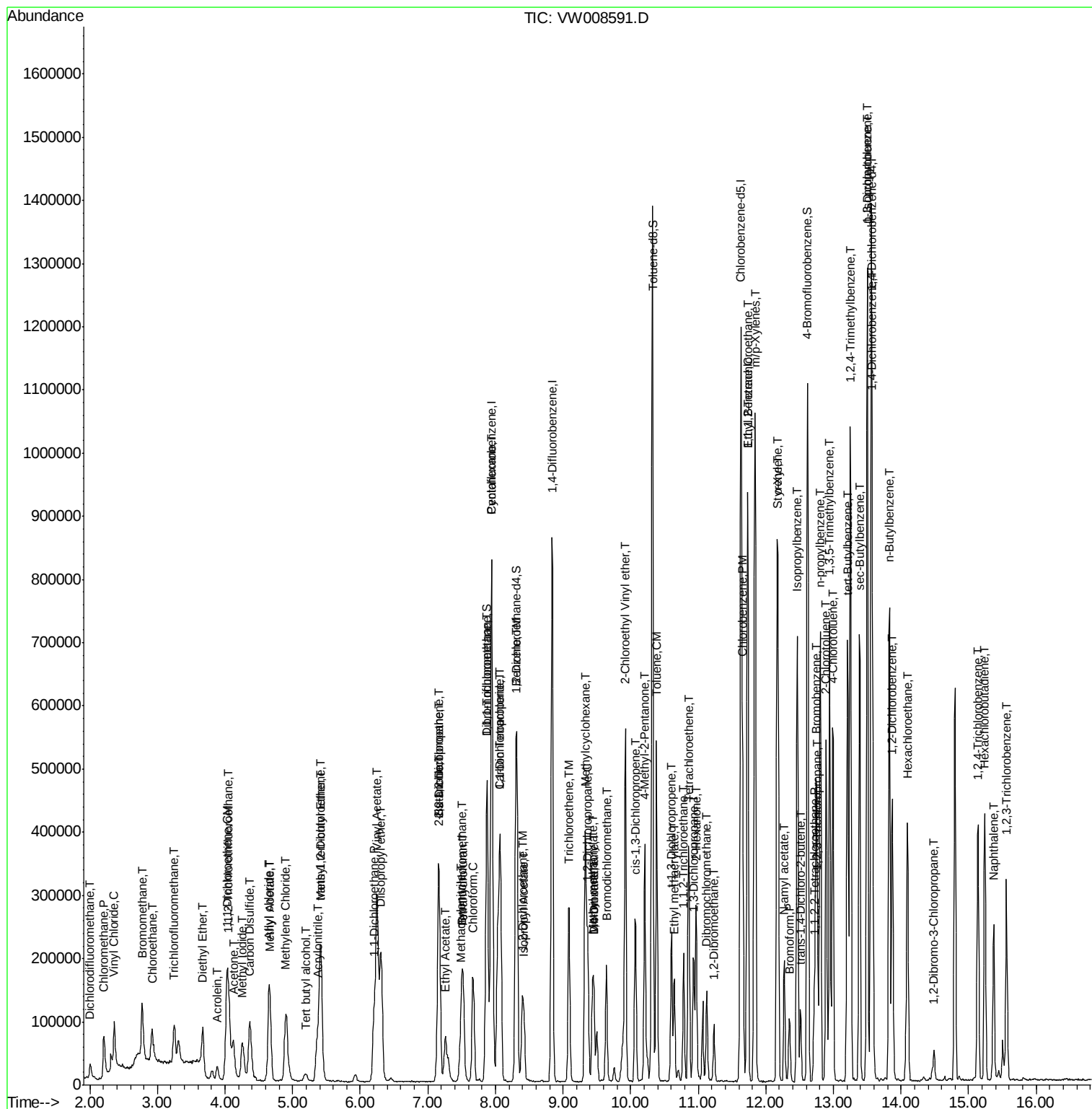
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	126979	18.797	ug/l	99
94) Hexachlorobutadiene	15.24	225	81906	20.119	ug/l	97
95) Naphthalene	15.37	128	207121	17.462	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	107047	18.681	ug/l	99

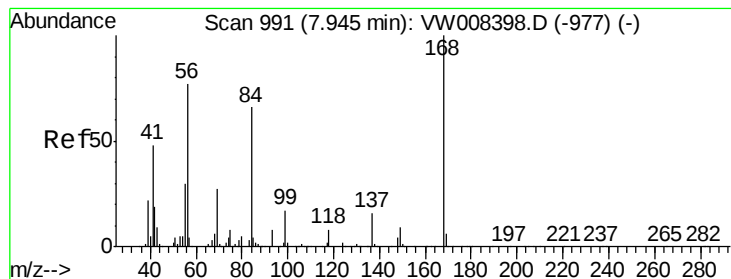
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW008591.D

Acq: 11 Feb 2019 12:29

Instrument :

MSVOA_W

ClientSampleId :

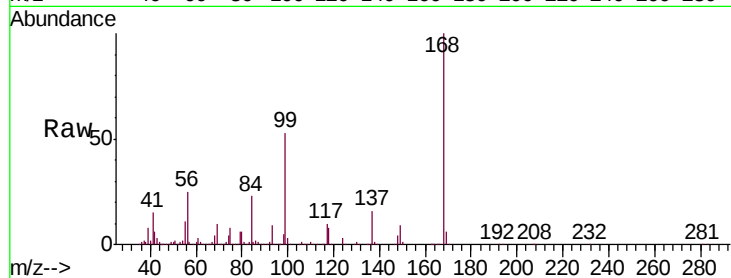
VW0211SBS01

Tgt Ion: 168 Resp: 470270

Ion Ratio Lower Upper

168 100

99 53.1 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.94

250000

200000

150000

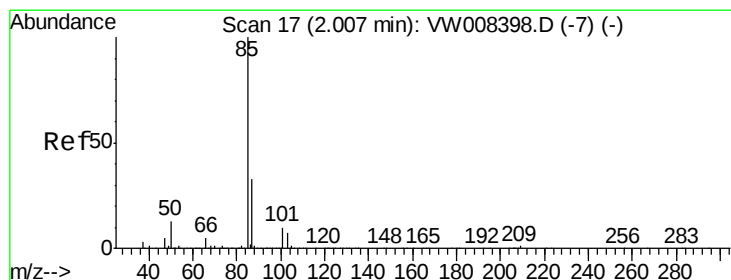
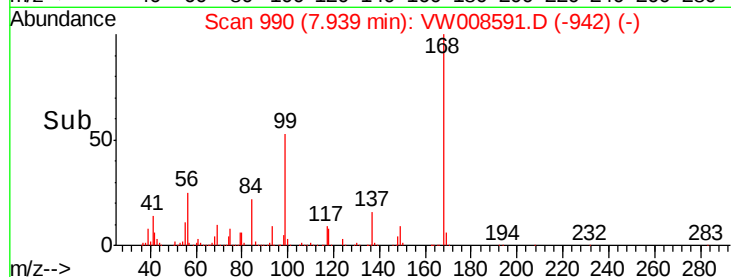
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 15.848 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW008591.D

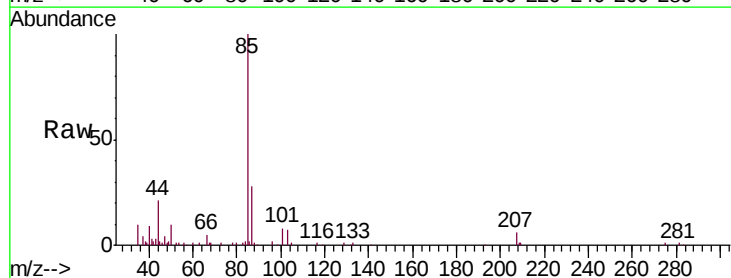
Acq: 11 Feb 2019 12:29

Tgt Ion: 85 Resp: 36613

Ion Ratio Lower Upper

85 100

87 28.0 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

15000

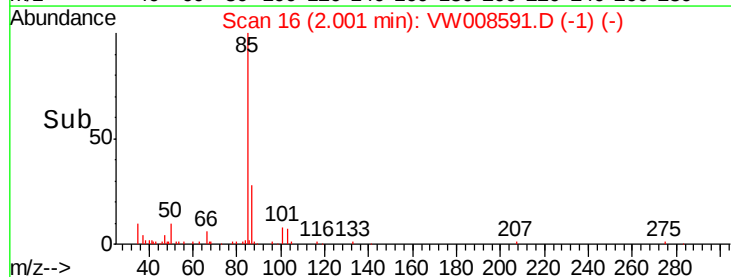
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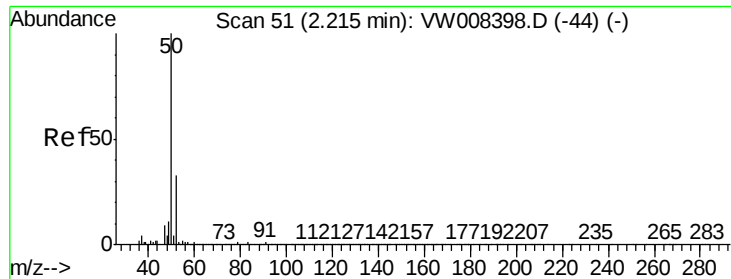
5000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 16.296 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW008591.D

Acq: 11 Feb 2019 12:29

Instrument :

MSVOA_W

ClientSampleId :

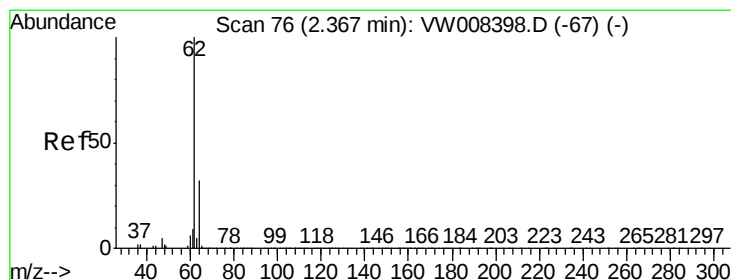
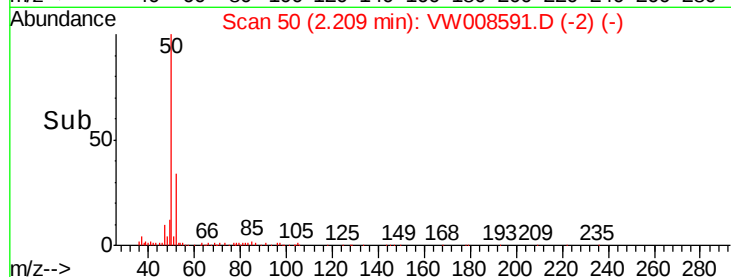
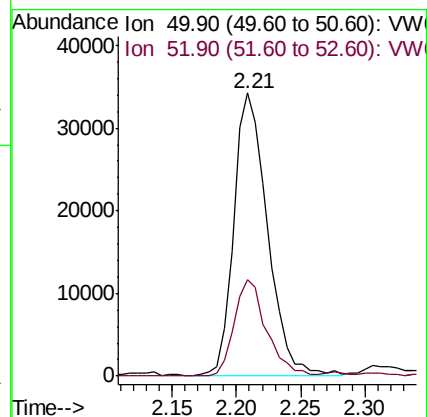
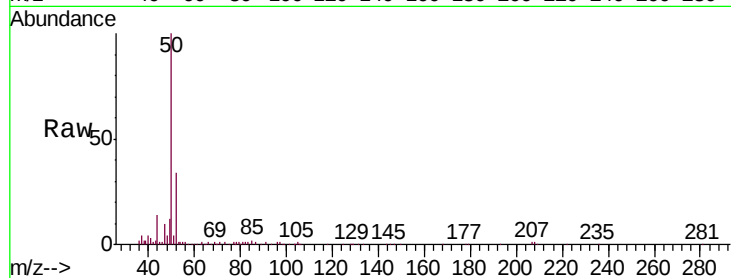
VW0211SBS01

Tgt Ion: 50 Resp: 62554

Ion Ratio Lower Upper

50 100

52 34.1 26.3 39.5



#4

Vinyl Chloride

Concen: 17.728 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW008591.D

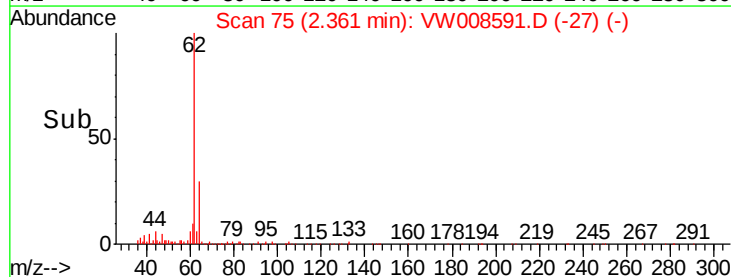
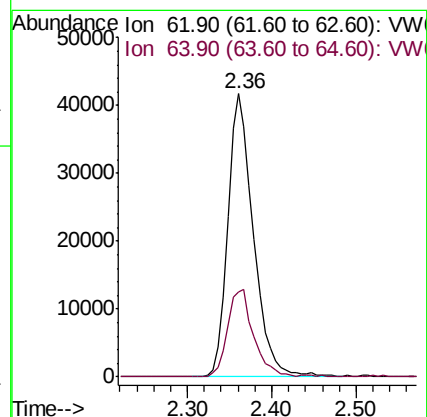
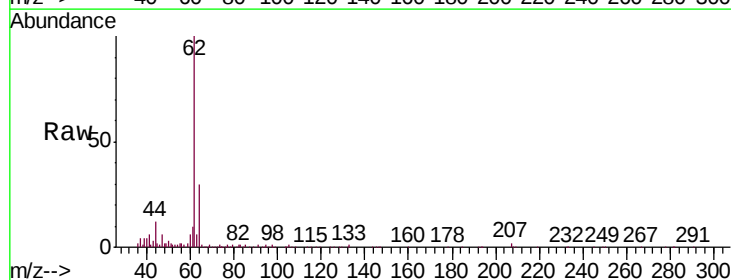
Acq: 11 Feb 2019 12:29

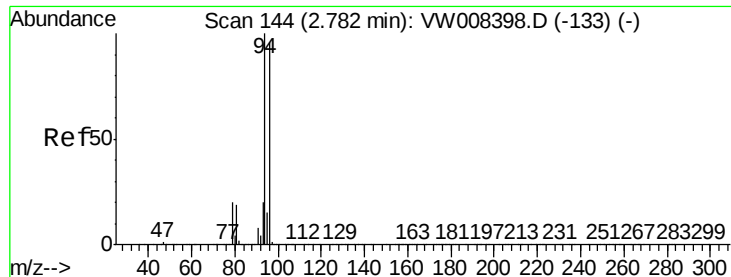
Tgt Ion: 62 Resp: 86630

Ion Ratio Lower Upper

62 100

64 30.1 25.5 38.3





#5

Bromomethane

Concen: 22.048 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW008591.D

Acq: 11 Feb 2019 12:29

Instrument :

MSVOA_W

ClientSampleId :

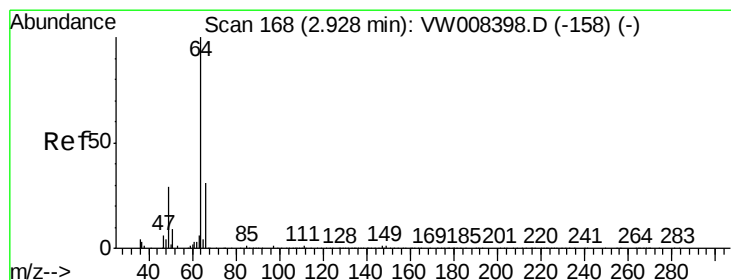
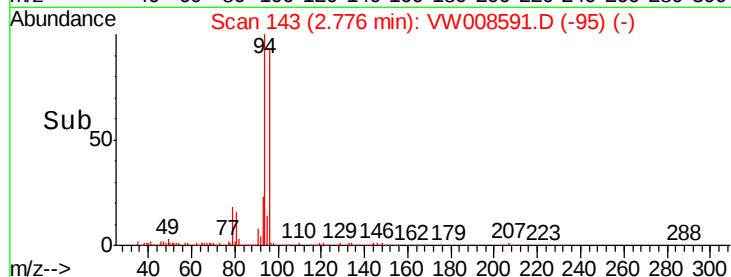
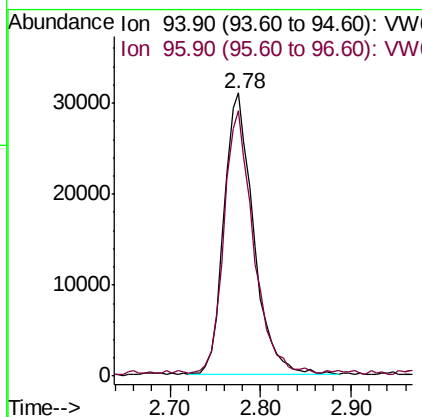
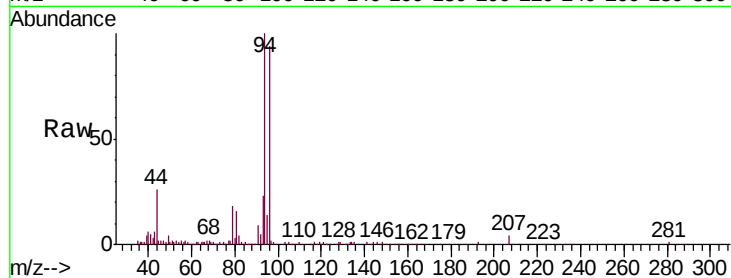
VW0211SBS01

Tgt Ion: 94 Resp: 69491

Ion Ratio Lower Upper

94 100

96 93.2 77.2 115.8



#6

Chloroethane

Concen: 22.665 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008591.D

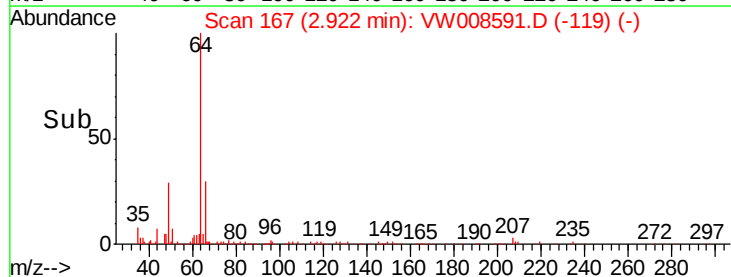
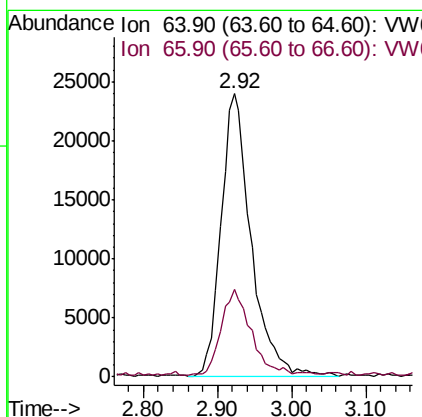
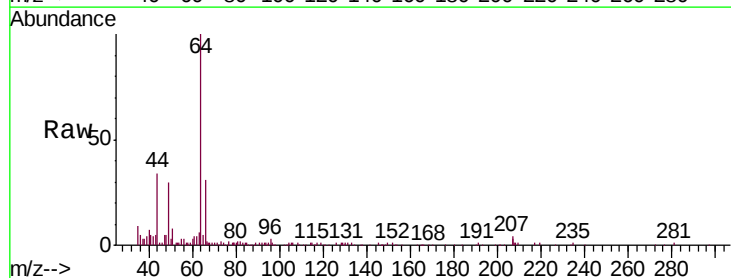
Acq: 11 Feb 2019 12:29

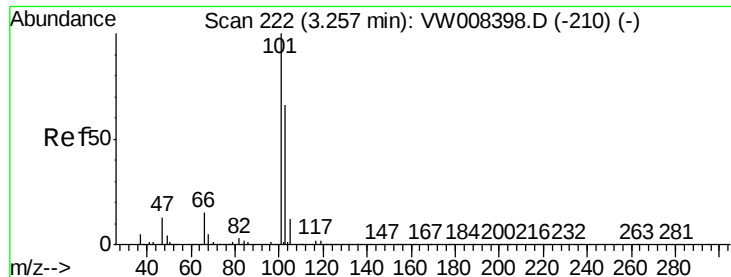
Tgt Ion: 64 Resp: 67734

Ion Ratio Lower Upper

64 100

66 30.1 24.9 37.3



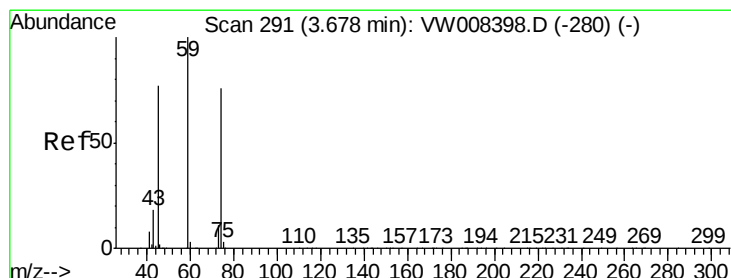
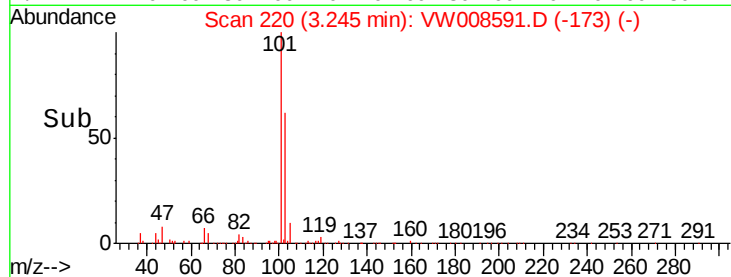
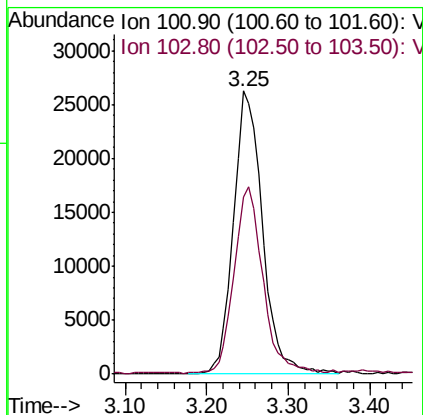
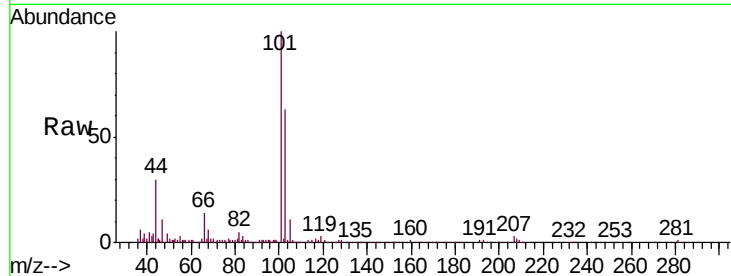


#7

Trichlorofluoromethane
 Concen: 18.490 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
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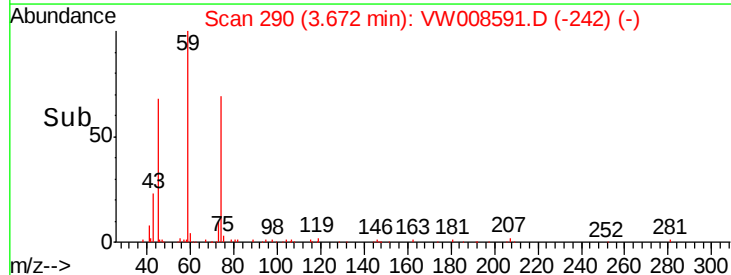
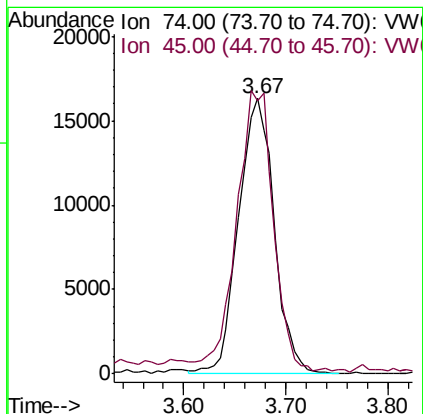
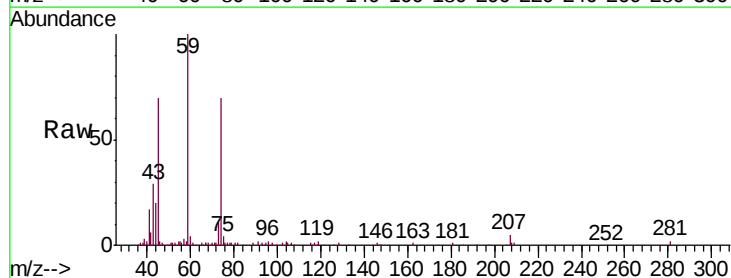
Tgt Ion:101 Resp: 64613
 Ion Ratio Lower Upper
 101 100
 103 62.0 52.5 78.7



#8

Diethyl Ether
 Concen: 16.956 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW008591.D
 Acq: 11 Feb 2019 12:29

Tgt Ion: 74 Resp: 39765
 Ion Ratio Lower Upper
 74 100
 45 103.1 51.7 155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.151 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW008591.D

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Instrument :

MSVOA_W

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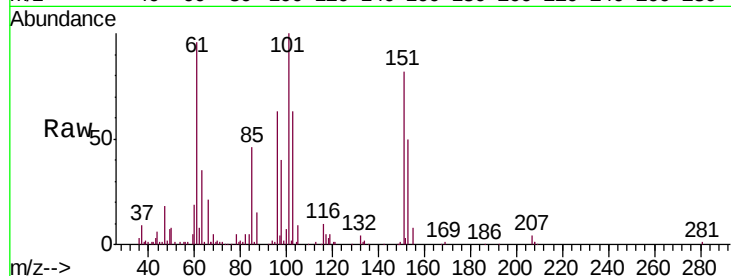
Tgt Ion:101 Resp: 77202

Ion Ratio Lower Upper

101 100

85 45.4 35.0 52.4

151 81.6 62.6 94.0

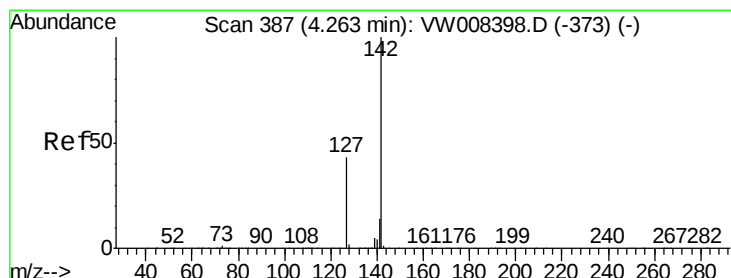
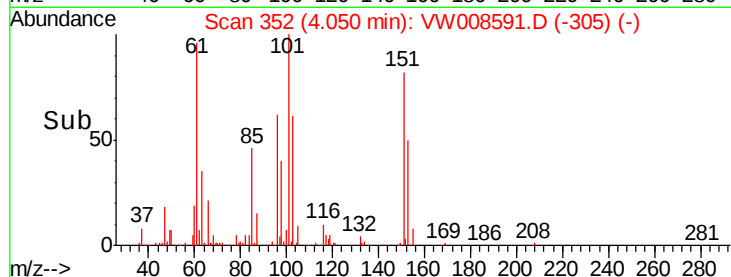
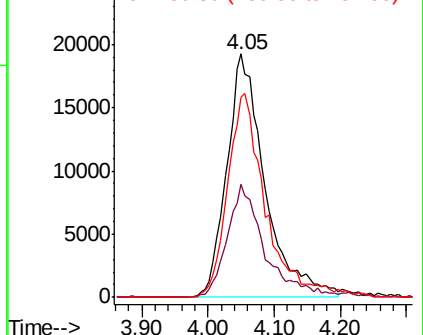


Abundance

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: 17.883 ug/l

RT: 4.26 min Scan# 386

Delta R.T. -0.01 min

Lab File: VW008591.D

Acq: 11 Feb 2019 12:29

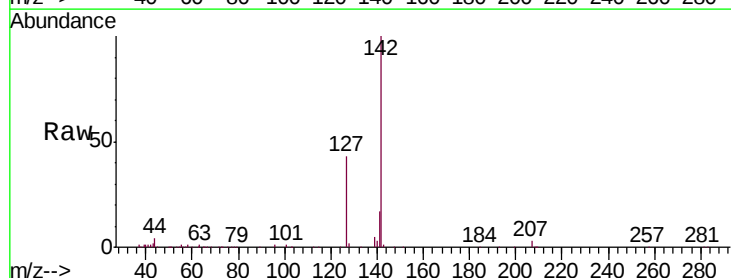
Tgt Ion:142 Resp: 120142

Ion Ratio Lower Upper

142 100

127 44.2 34.6 52.0

141 14.9 11.4 17.2

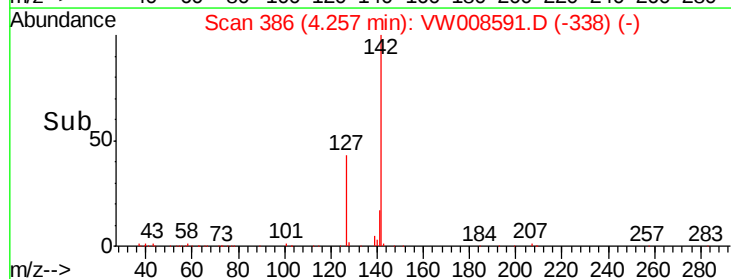
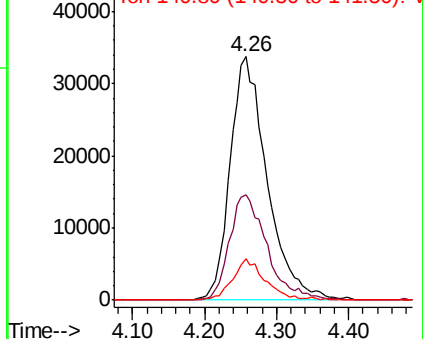


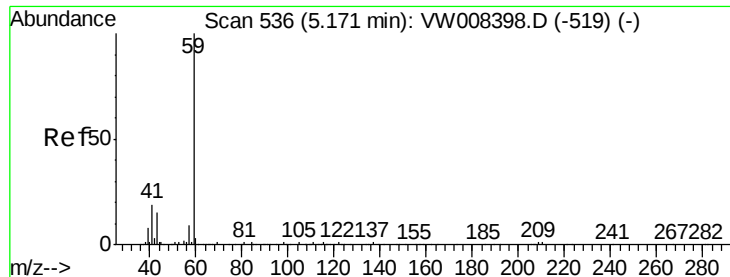
Abundance

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



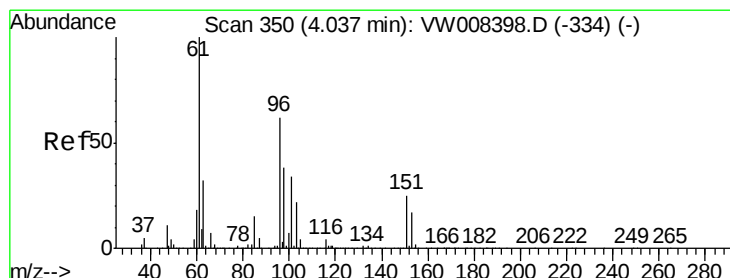
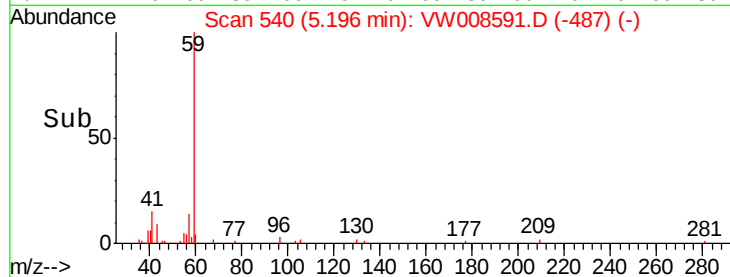
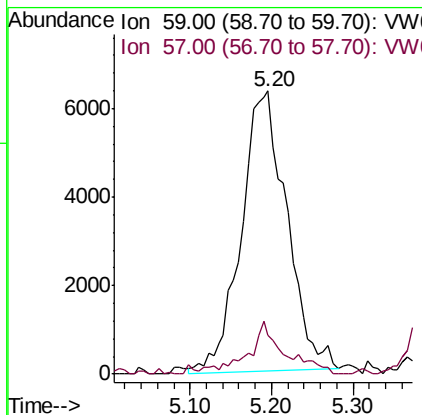
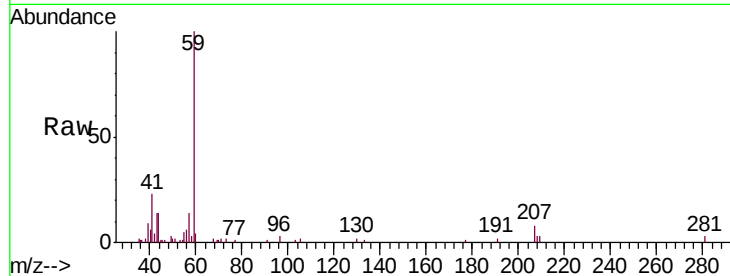


#11

Tert butyl alcohol
 Concen: 66.136 ug/l
 RT: 5.20 min Scan# 540
 Delta R.T. 0.02 min
 Lab File: VW008591.D
 Acq: 11 Feb 2019 12:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0211SBS01

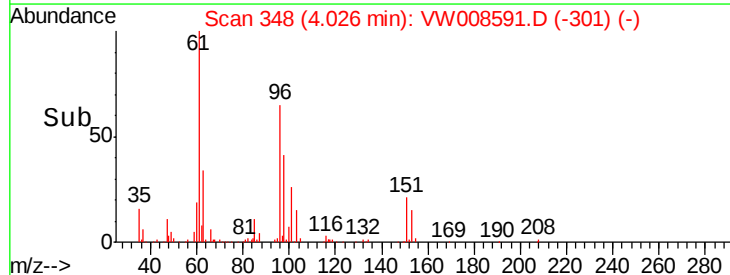
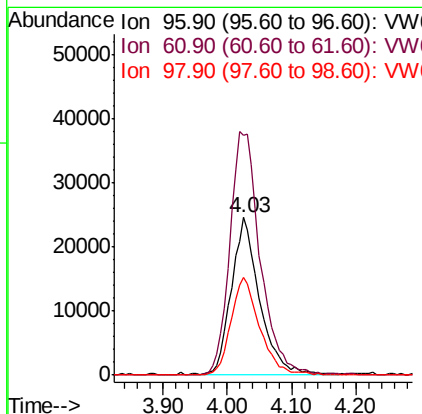
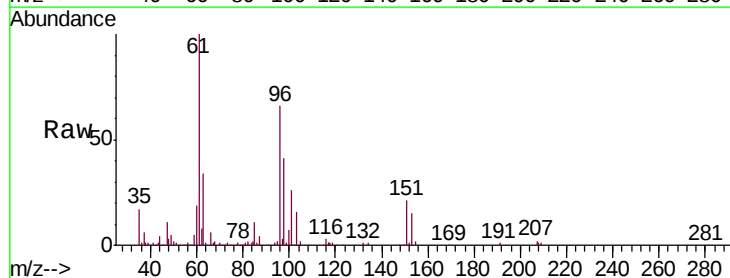
Tgt Ion: 59 Resp: 24600
 Ion Ratio Lower Upper
 59 100
 57 14.3 9.3 13.9#

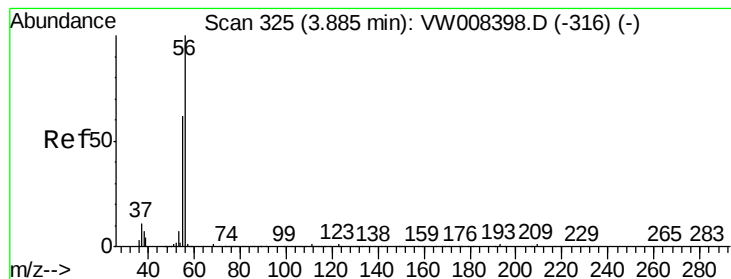


#12

1,1-Dichloroethene
 Concen: 17.478 ug/l
 RT: 4.03 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VW008591.D
 Acq: 11 Feb 2019 12:29

Tgt Ion: 96 Resp: 75233
 Ion Ratio Lower Upper
 96 100
 61 152.3 129.5 194.3
 98 62.1 48.6 73.0





#13

Acrolein

Concen: 72.617 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW008591.D

Acq: 11 Feb 2019 12:29

Instrument :

MSVOA_W

ClientSampleId :

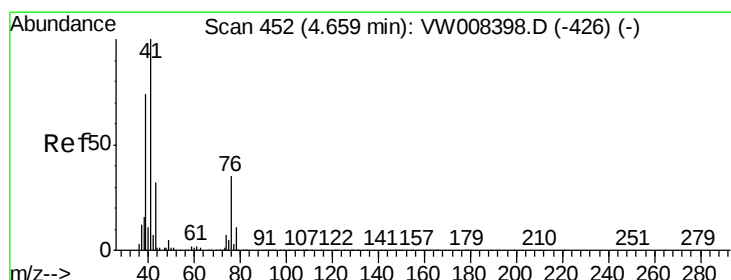
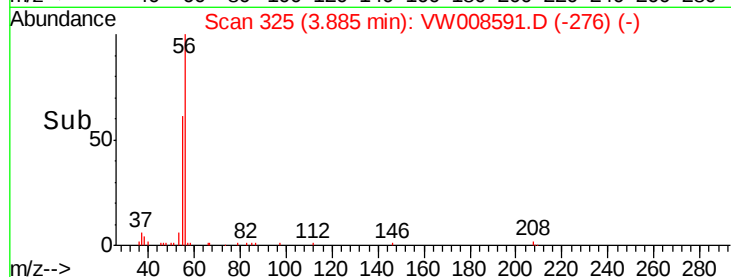
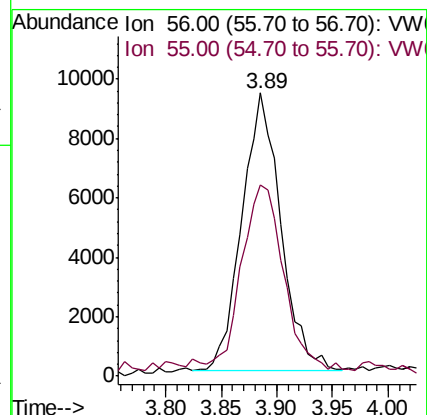
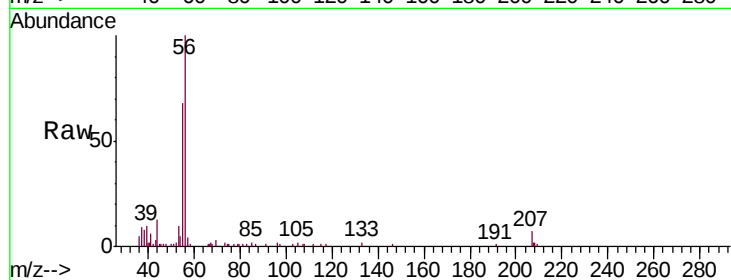
VW0211SBS01

Tgt Ion: 56 Resp: 22840

Ion Ratio Lower Upper

56 100

55 72.0 56.7 85.1



#14

Allyl chloride

Concen: 16.431 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.01 min

Lab File: VW008591.D

Acq: 11 Feb 2019 12:29

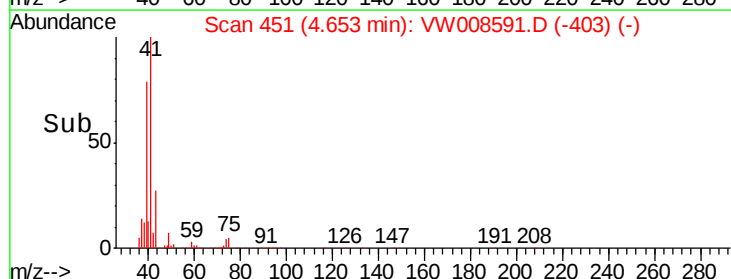
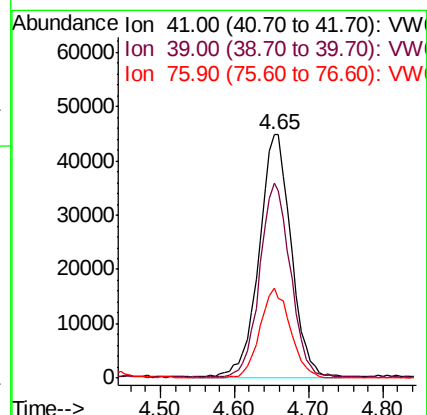
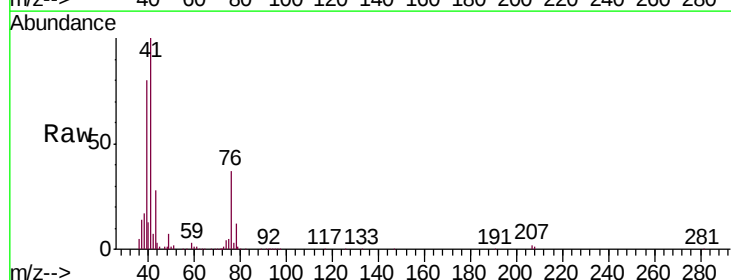
Tgt Ion: 41 Resp: 134306

Ion Ratio Lower Upper

41 100

39 76.1 57.7 86.5

76 35.1 26.9 40.3





#15

Acrylonitrile

Concen: 78.718 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW008591.D

Acq: 11 Feb 2019 12:29

Instrument :

MSVOA_W

ClientSampleId :

VW0211SBS01

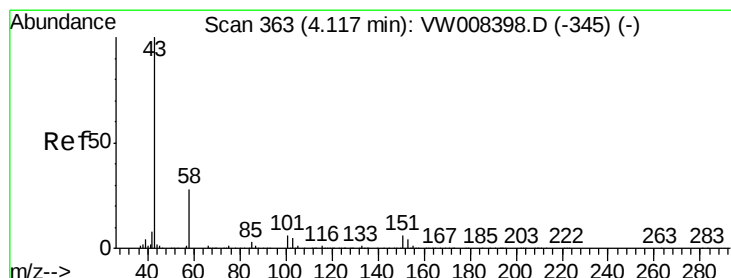
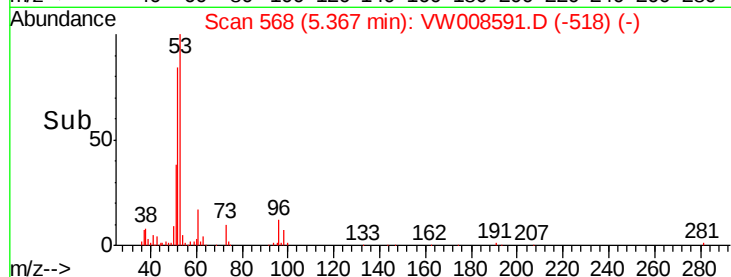
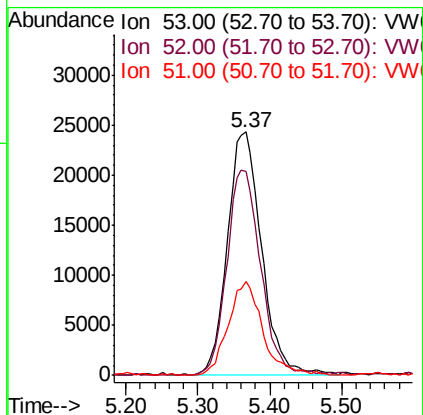
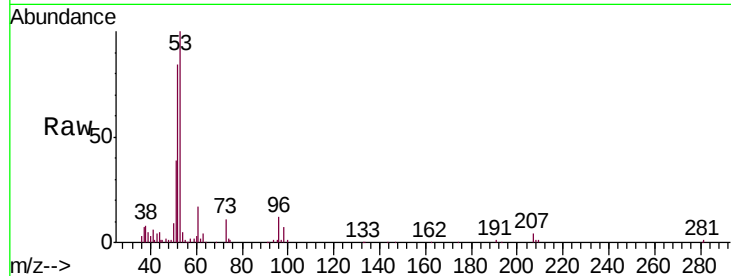
Tgt Ion: 53 Resp: 79717

Ion Ratio Lower Upper

53 100

52 84.2 67.0 100.4

51 39.0 29.8 44.8



#16

Acetone

Concen: 77.674 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008591.D

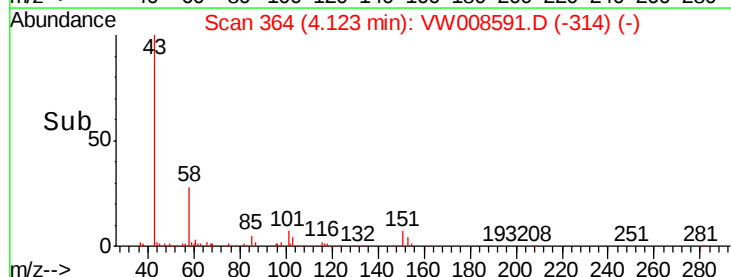
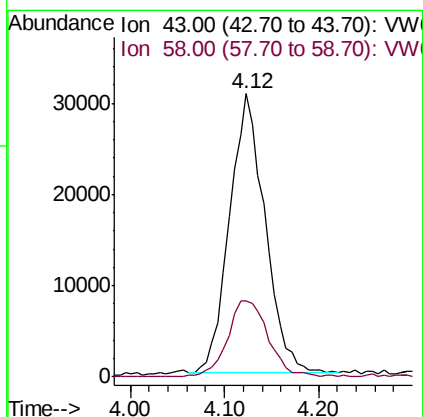
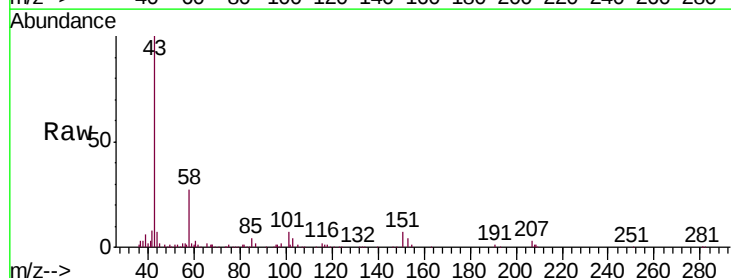
Acq: 11 Feb 2019 12:29

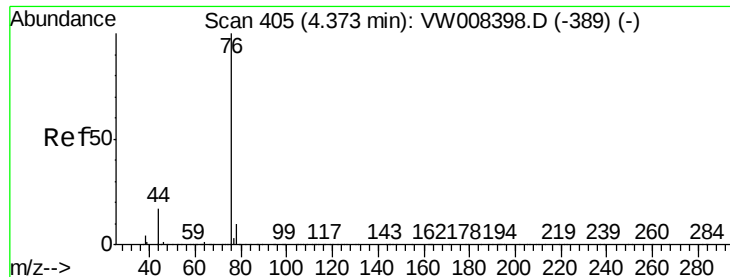
Tgt Ion: 43 Resp: 80585

Ion Ratio Lower Upper

43 100

58 27.0 22.6 34.0

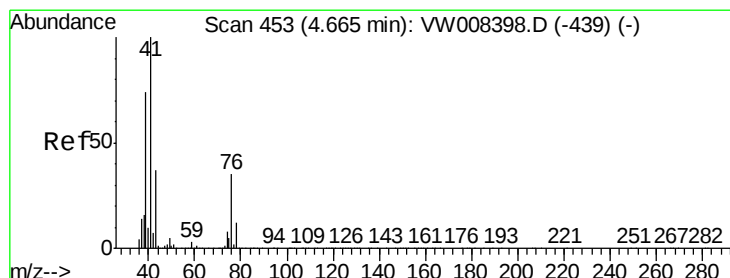
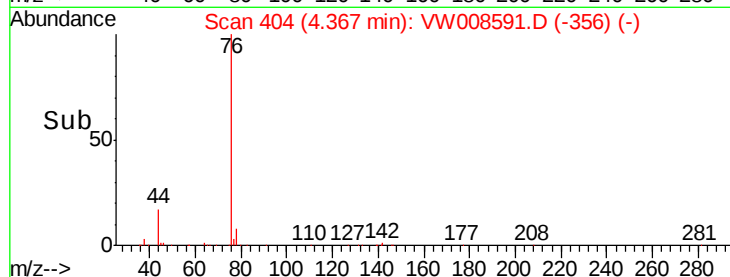
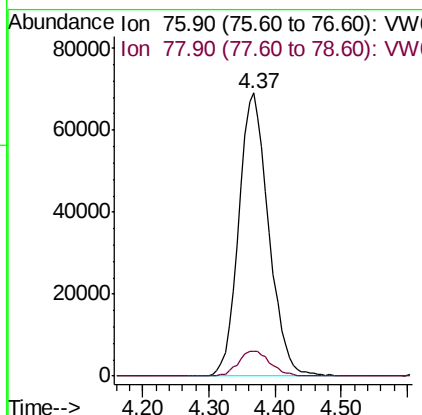
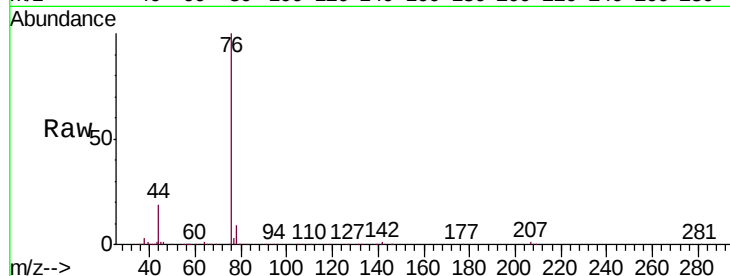




#17
Carbon Disulfide
Concen: 15.743 ug/l
RT: 4.37 min Scan# 404
Delta R.T. -0.01 min
Lab File: VW008591.D
Acq: 11 Feb 2019 12:29

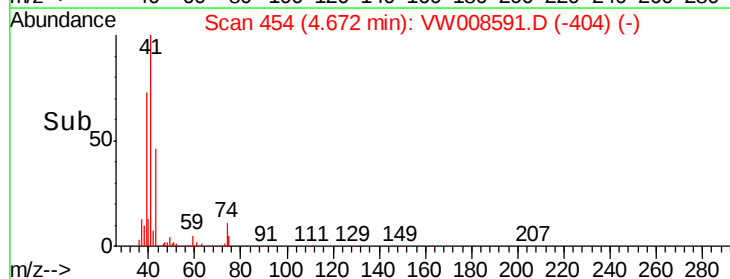
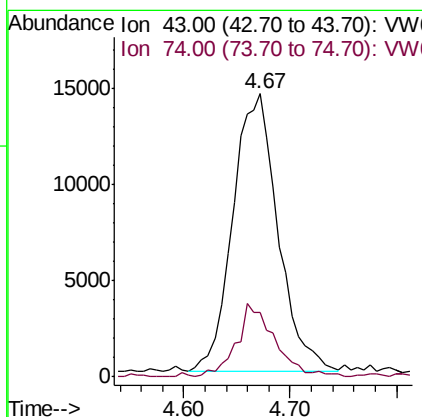
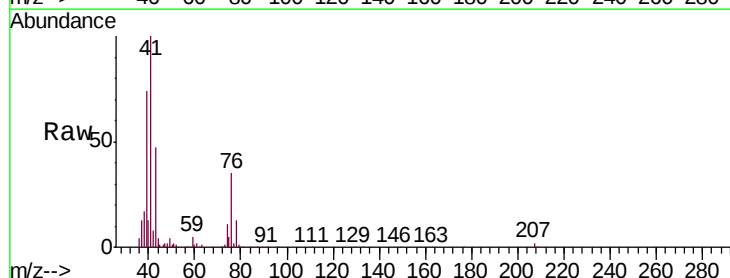
Instrument :
MSVOA_W
ClientSampleId :
VW0211SBS01

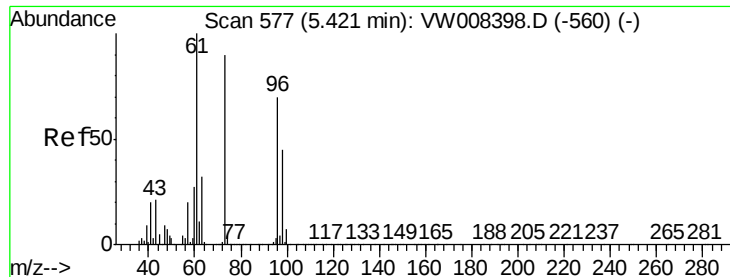
Tgt Ion: 76 Resp: 216436
Ion Ratio Lower Upper
76 100
78 8.6 7.7 11.5



#18
Methyl Acetate
Concen: 15.531 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW008591.D
Acq: 11 Feb 2019 12:29

Tgt Ion: 43 Resp: 42978
Ion Ratio Lower Upper
43 100
74 22.4 17.5 26.3



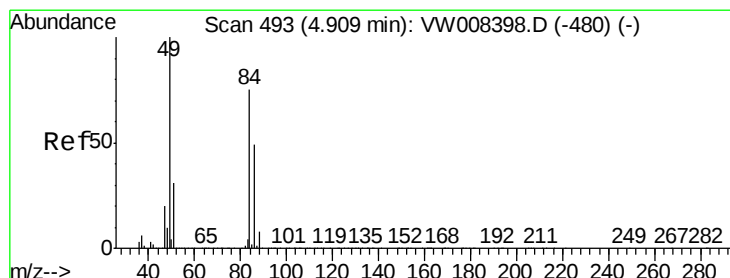
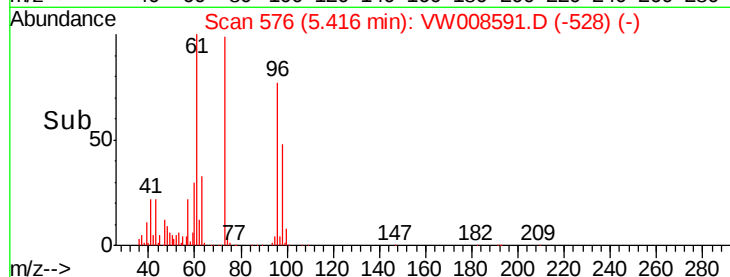
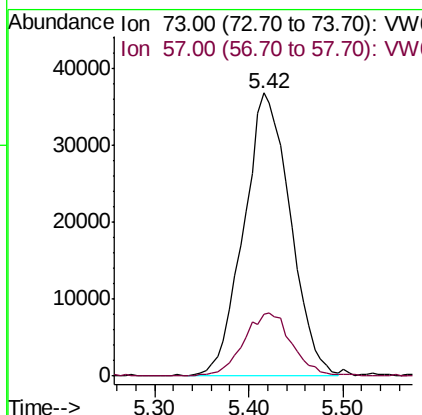
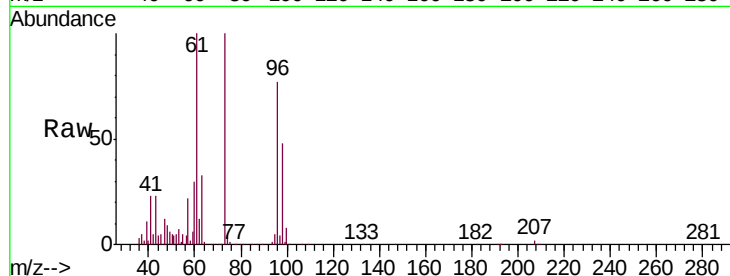


#19

Methyl tert-butyl Ether
 Concen: 17.783 ug/l
 RT: 5.42 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: VW008591.D
 Acq: 11 Feb 2019 12:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0211SBS01

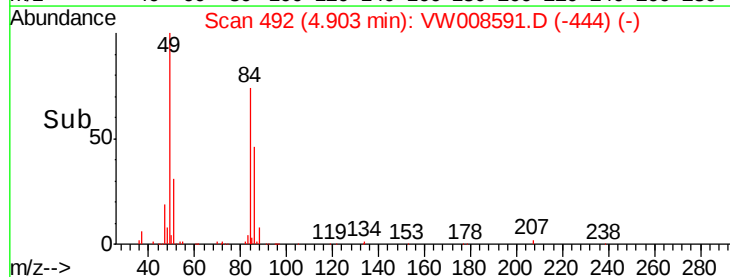
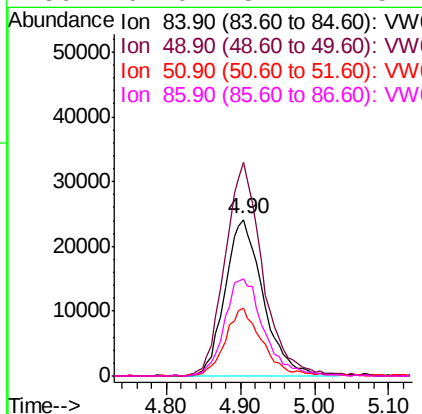
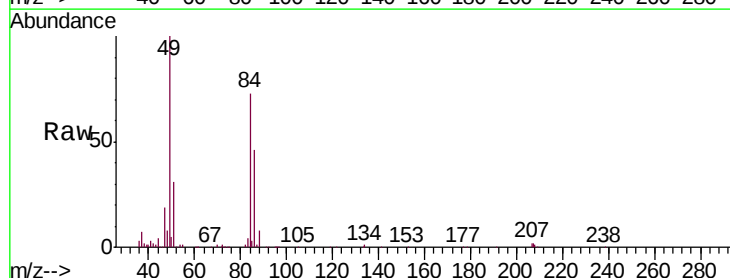
Tgt Ion: 73 Resp: 126652
 Ion Ratio Lower Upper
 73 100
 57 21.7 18.0 27.0

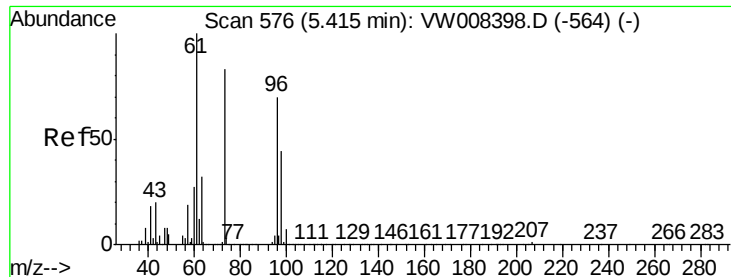


#20

Methylene Chloride
 Concen: 18.124 ug/l
 RT: 4.90 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: VW008591.D
 Acq: 11 Feb 2019 12:29

Tgt Ion: 84 Resp: 86668
 Ion Ratio Lower Upper
 84 100
 49 135.9 106.8 160.2
 51 42.4 32.9 49.3
 86 62.0 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 17.953 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW008591.D

Acq: 11 Feb 2019 12:29

Instrument :

MSVOA_W

ClientSampleId :

VW0211SBS01

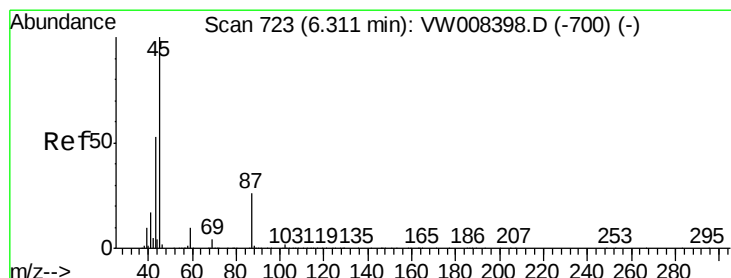
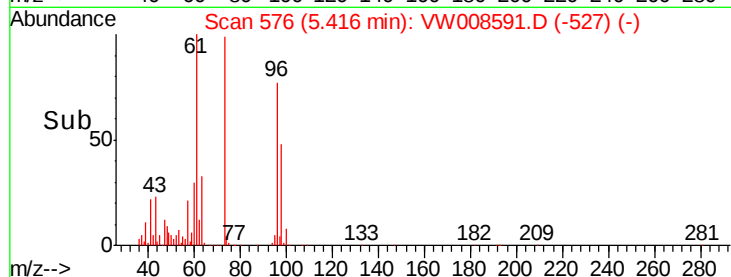
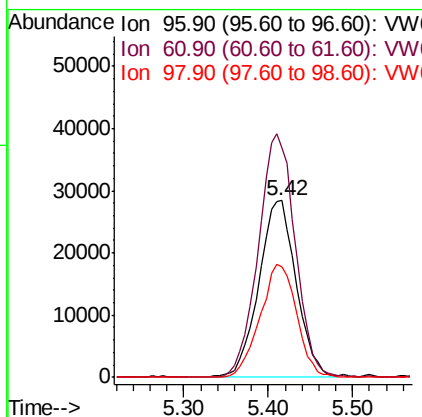
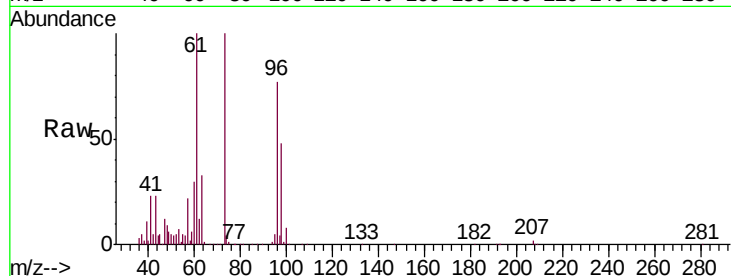
Tgt Ion: 96 Resp: 86879

Ion Ratio Lower Upper

96 100

61 130.2 114.4 171.6

98 62.3 50.6 75.8



#22

Diisopropyl ether

Concen: 16.787 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW008591.D

Acq: 11 Feb 2019 12:29

Tgt Ion: 45 Resp: 260059

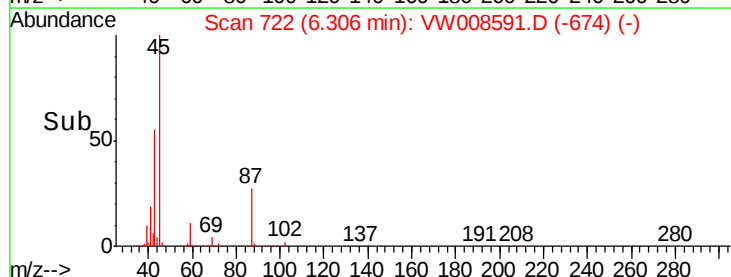
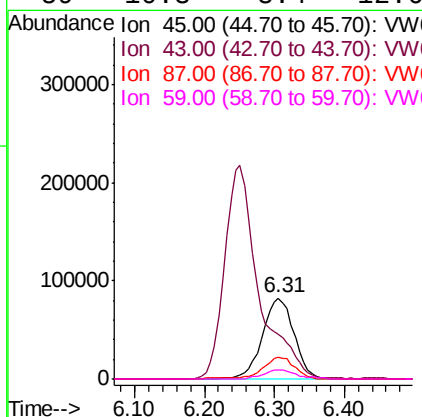
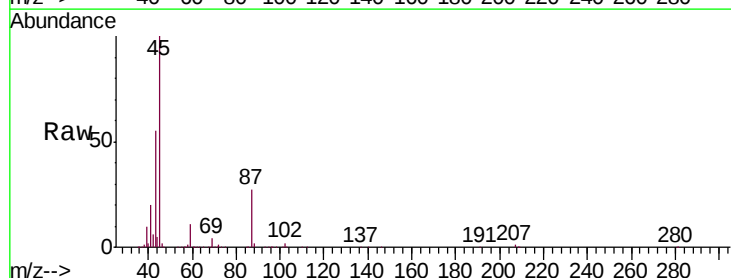
Ion Ratio Lower Upper

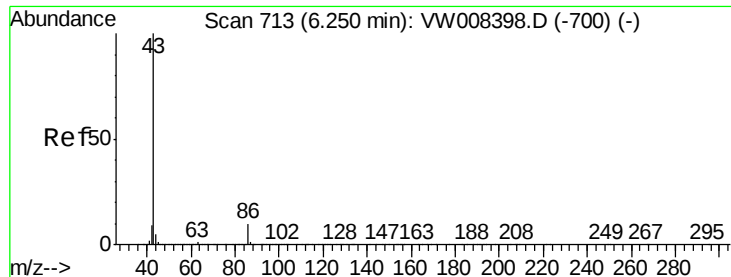
45 100

43 54.6 42.6 63.8

87 26.4 20.3 30.5

59 10.3 8.4 12.6





#23

Vinyl Acetate

Concen: 80.718 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW008591.D

Acq: 11 Feb 2019 12:29

Instrument :

MSVOA_W

ClientSampleId :

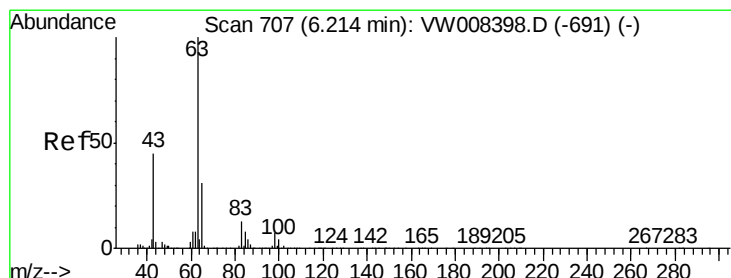
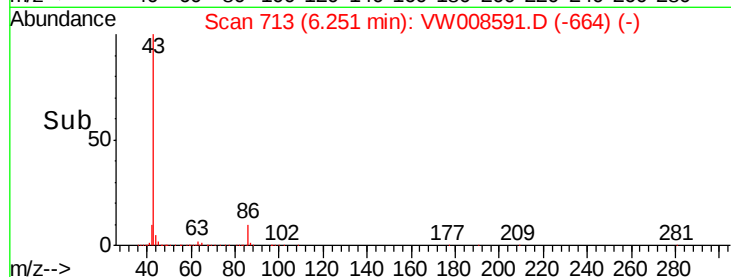
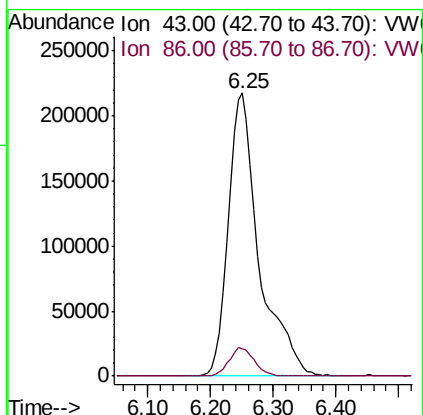
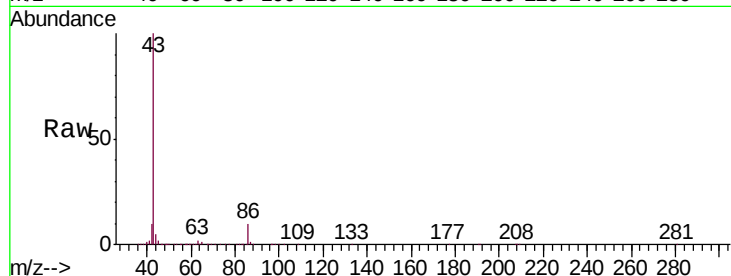
VW0211SBS01

Tgt Ion: 43 Resp: 738343

Ion Ratio Lower Upper

43 100

86 9.9 7.8 11.8



#24

1,1-Dichloroethane

Concen: 17.129 ug/l

RT: 6.20 min Scan# 705

Delta R.T. -0.01 min

Lab File: VW008591.D

Acq: 11 Feb 2019 12:29

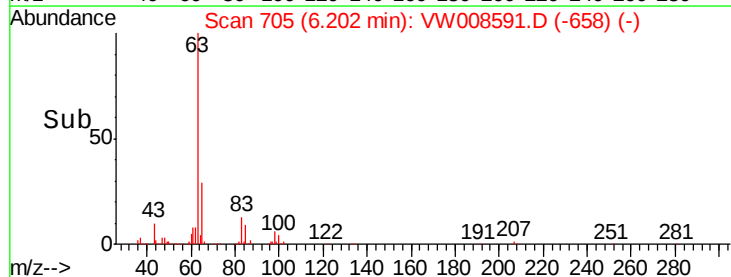
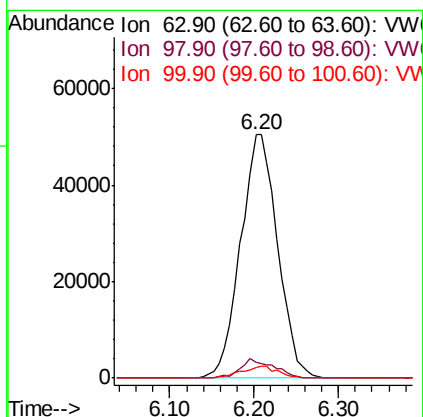
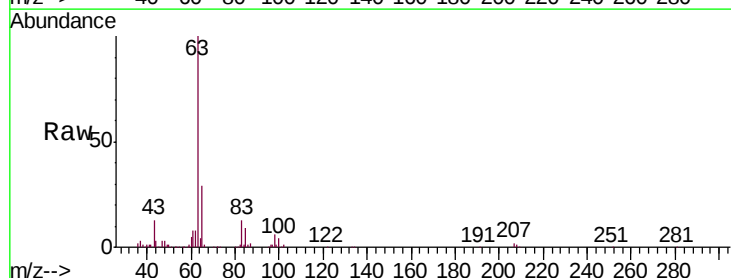
Tgt Ion: 63 Resp: 150196

Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.5

100 4.5 2.1 6.2





#25

2-Butanone

Concen: 78.026 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008591.D

Acq: 11 Feb 2019 12:29

Instrument :

MSVOA_W

ClientSampleId :

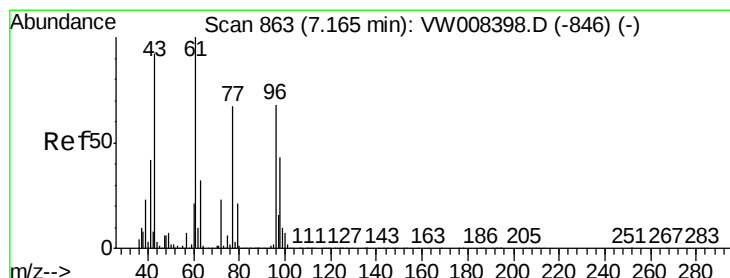
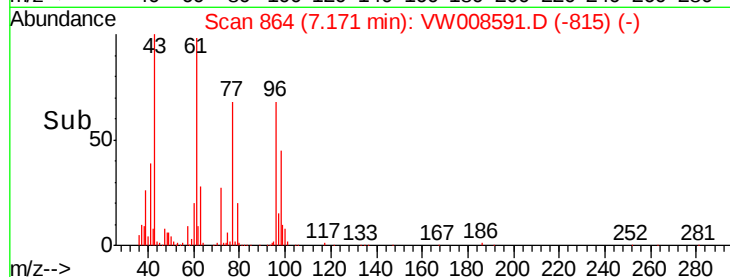
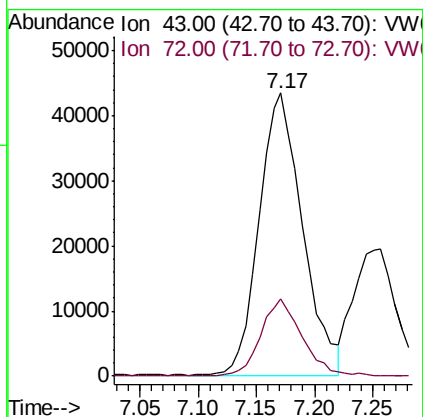
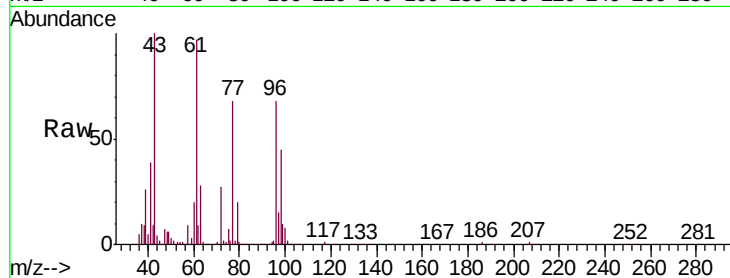
VW0211SBS01

Tgt Ion: 43 Resp: 112439

Ion Ratio Lower Upper

43 100

72 27.2 20.1 30.1



#26

2,2-Dichloropropane

Concen: 17.947 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: VW008591.D

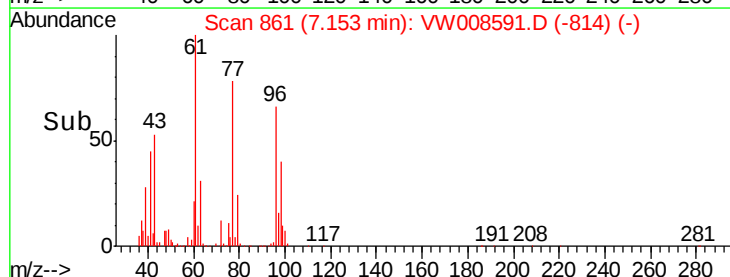
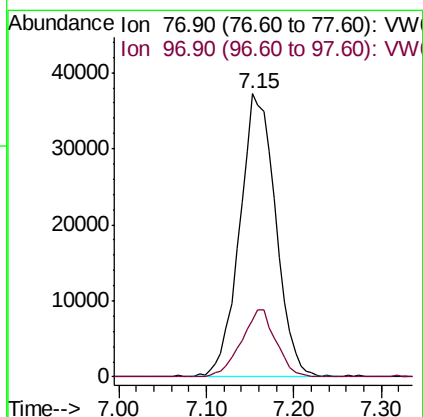
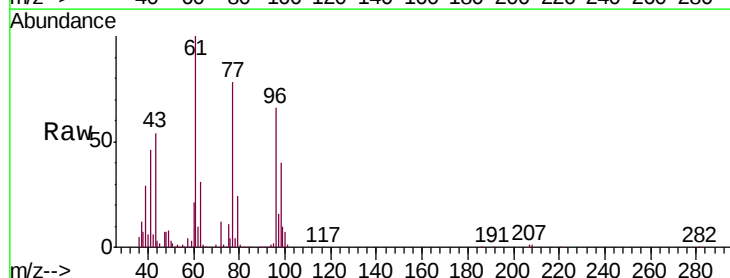
Acq: 11 Feb 2019 12:29

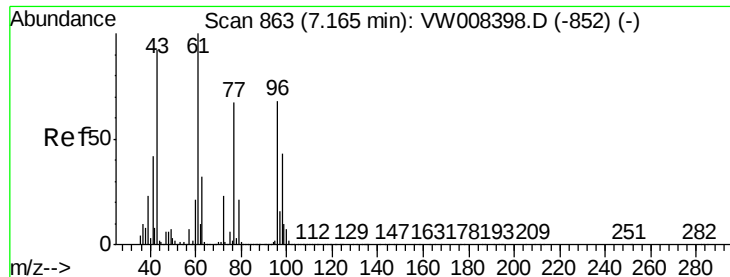
Tgt Ion: 77 Resp: 106375

Ion Ratio Lower Upper

77 100

97 22.7 11.5 34.5



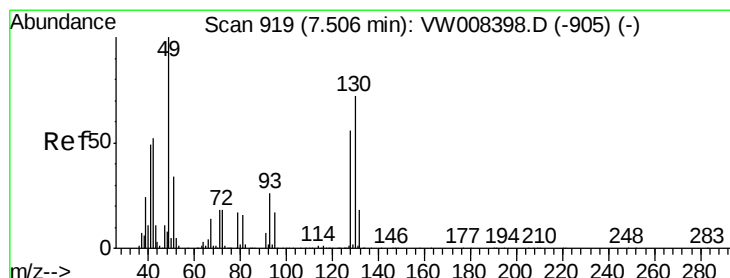
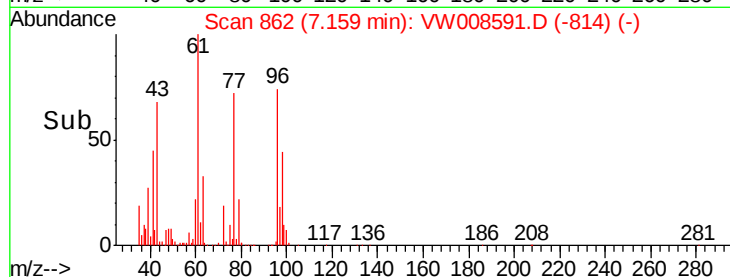
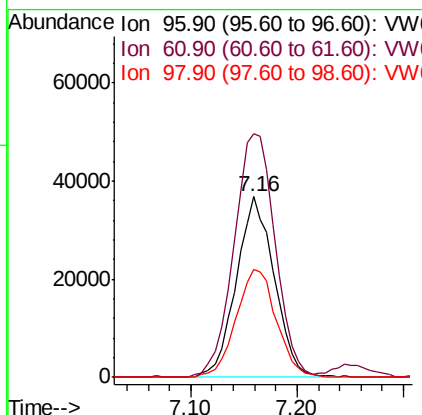
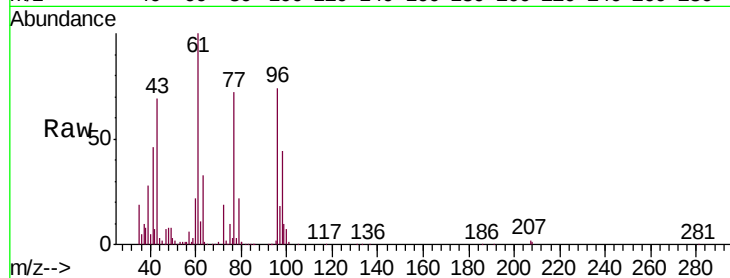


#27

cis-1,2-Dichloroethene
Concen: 17.514 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW008591.D
Acq: 11 Feb 2019 12:29

Instrument :
MSVOA_W
ClientSampleId :
VW0211SBS01

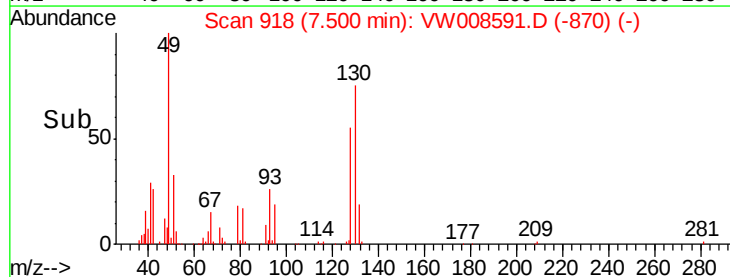
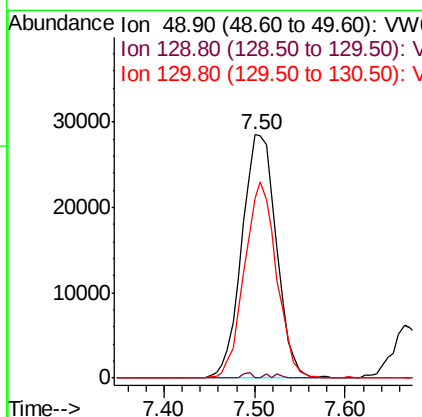
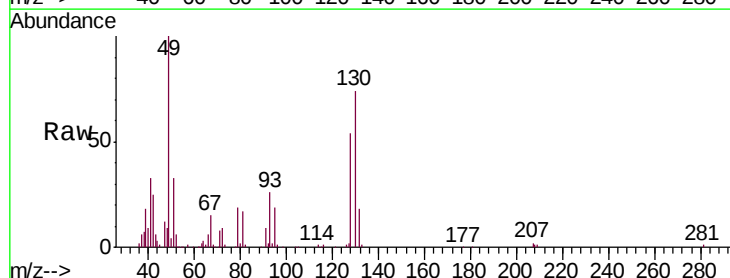
Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.2	0.0	292.8
98	62.9	0.0	129.2

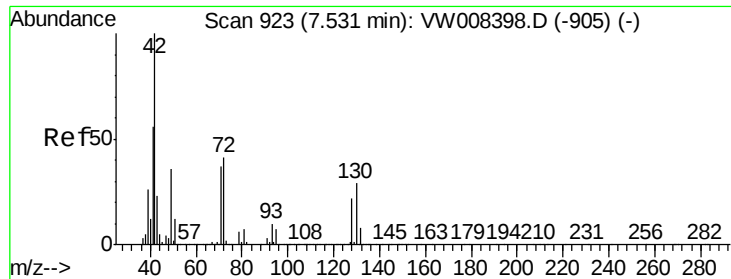


#28

Bromochloromethane
Concen: 18.662 ug/l
RT: 7.50 min Scan# 918
Delta R.T. -0.01 min
Lab File: VW008591.D
Acq: 11 Feb 2019 12:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.3	0.0	4.6
130	75.0	58.6	87.8

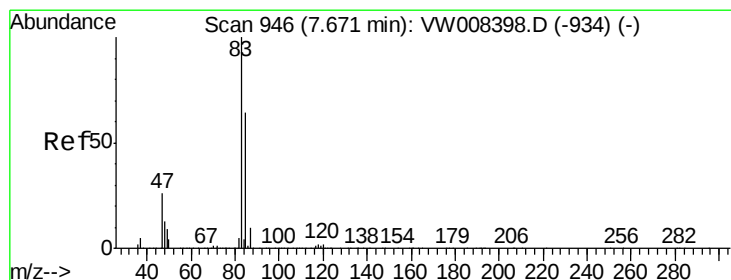
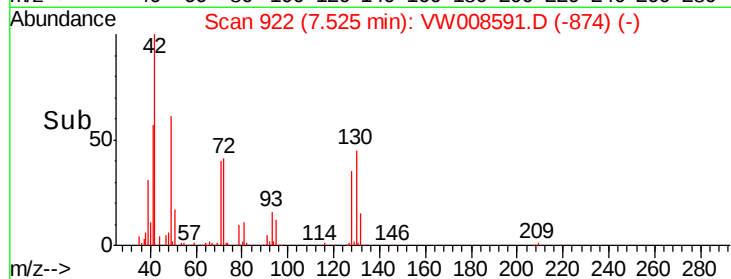
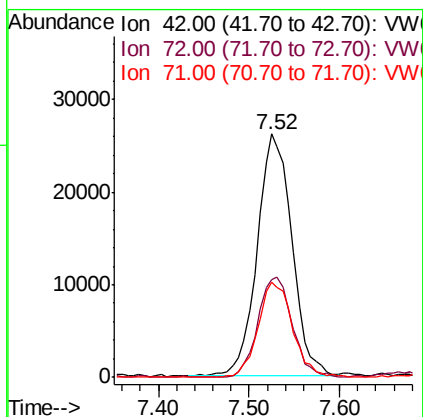
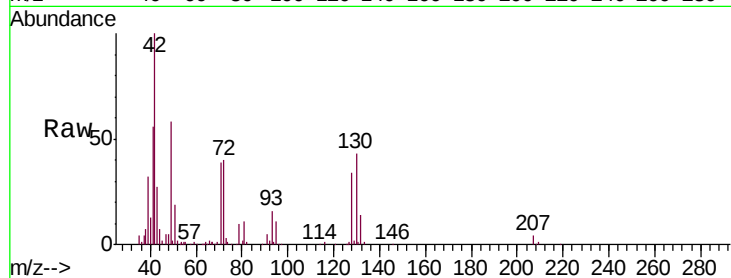




#29
Tetrahydrofuran
Concen: 76.237 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW008591.D
Acq: 11 Feb 2019 12:29

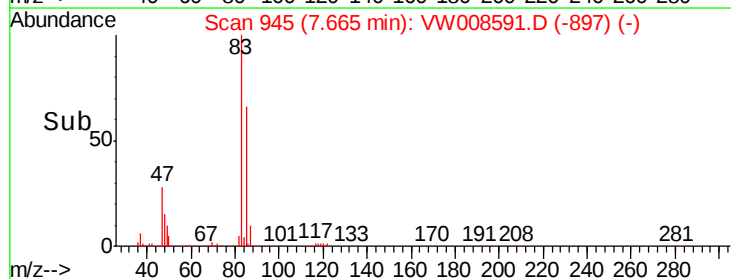
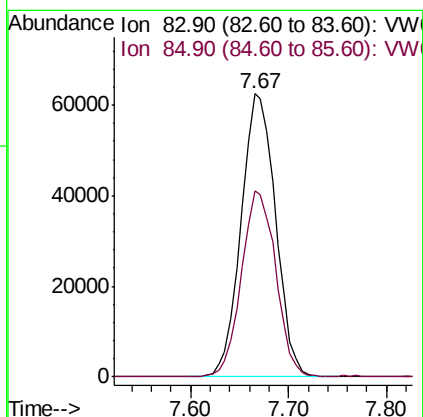
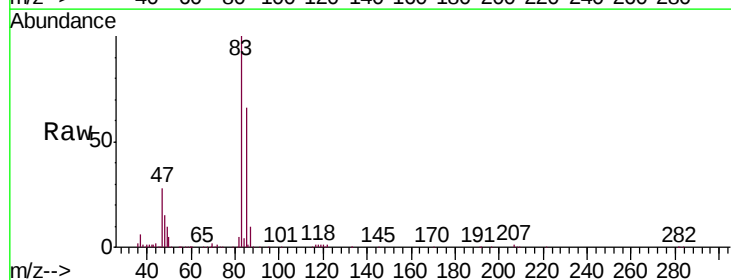
Instrument :
MSVOA_W
ClientSampleId :
VW0211SBS01

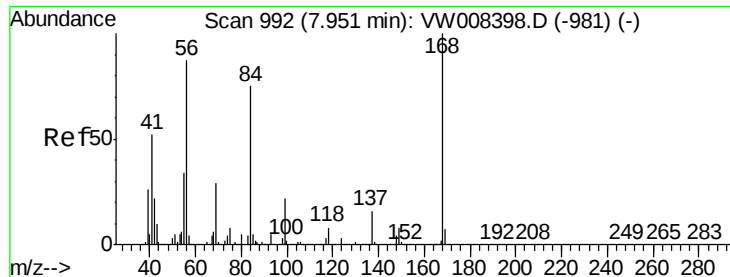
Tgt Ion	Ratio	Lower	Upper
42	100		
72	40.8	31.9	47.9
71	39.2	29.9	44.9



#30
Chloroform
Concen: 17.772 ug/l
RT: 7.67 min Scan# 945
Delta R.T. -0.01 min
Lab File: VW008591.D
Acq: 11 Feb 2019 12:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.9	76.3





#31

Cyclohexane

Concen: 16.583 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008591.D

Acq: 11 Feb 2019 12:29

Instrument :

MSVOA_W

ClientSampleId :

VW0211SBS01

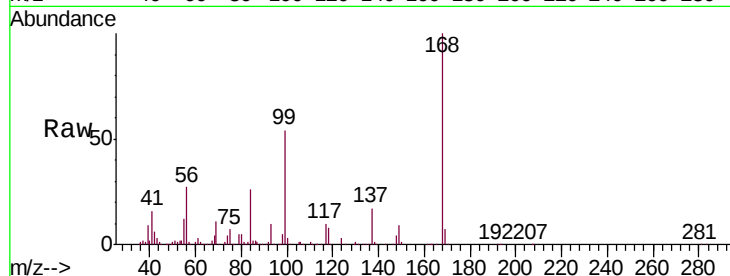
Tgt Ion: 56 Resp: 150358

Ion Ratio Lower Upper

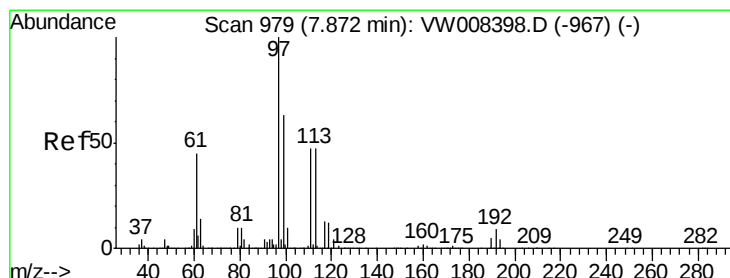
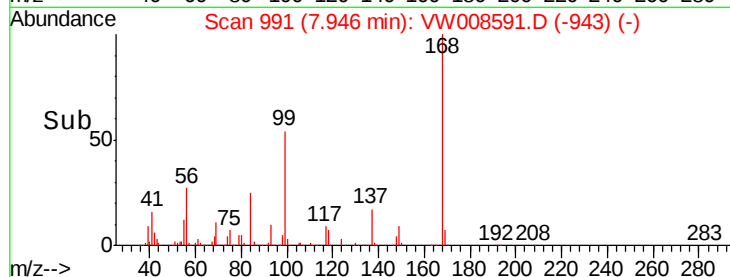
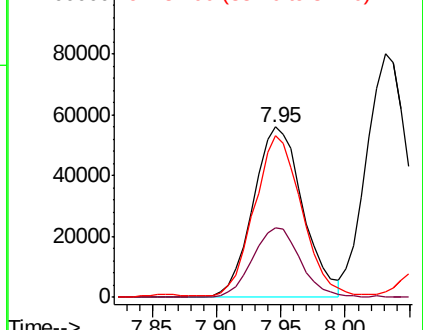
56 100

69 41.2 26.4 39.6#

84 93.6 69.1 103.7



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



#32

1,1,1-Trichloroethane

Concen: 18.086 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW008591.D

Acq: 11 Feb 2019 12:29

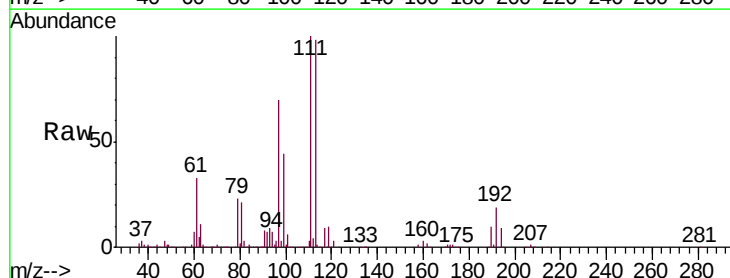
Tgt Ion: 97 Resp: 134729

Ion Ratio Lower Upper

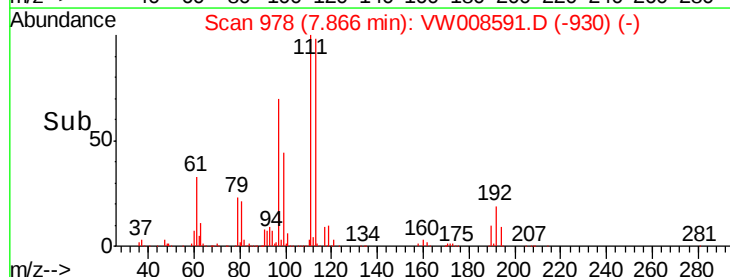
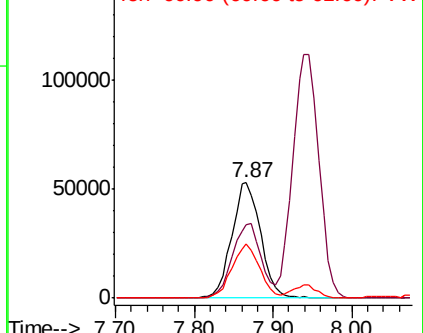
97 100

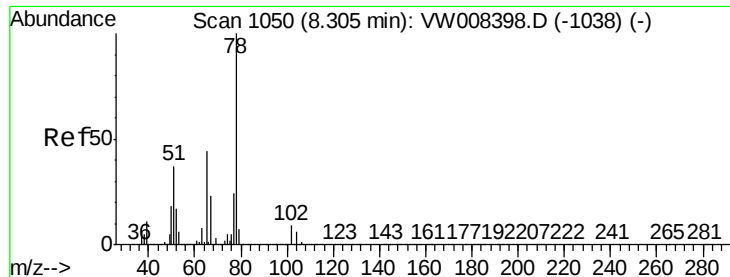
99 64.5 51.3 76.9

61 45.0 36.2 54.4



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 51.628 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW008591.D

Acq: 11 Feb 2019 12:29

Instrument :

MSVOA_W

ClientSampleId :

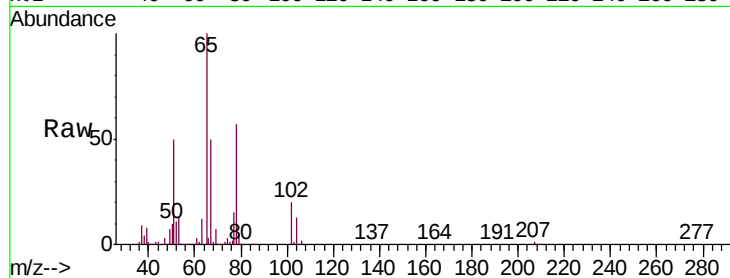
VW0211SBS01

Tgt Ion: 65 Resp: 238518

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

120000

100000

80000

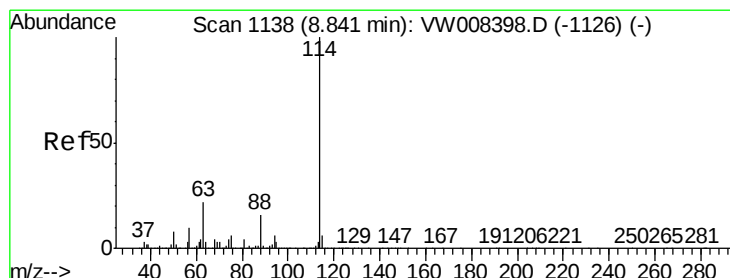
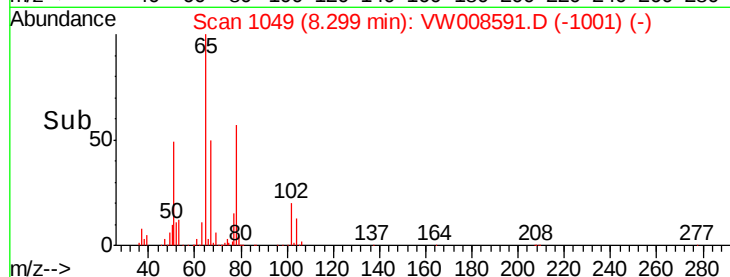
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VW008591.D

Acq: 11 Feb 2019 12:29

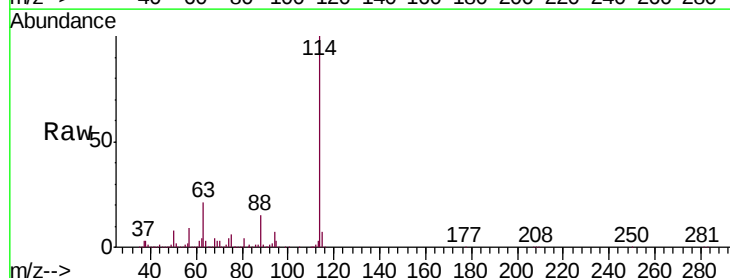
Tgt Ion: 114 Resp: 715562

Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.6

88 15.4 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

500000

400000

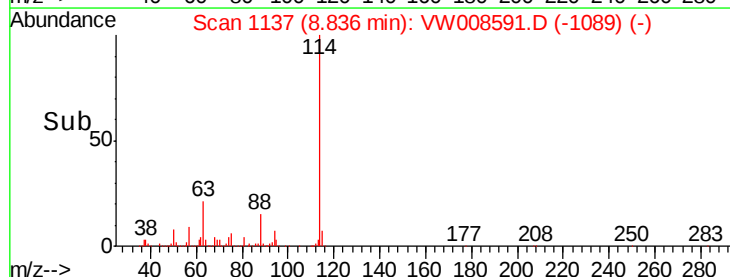
300000

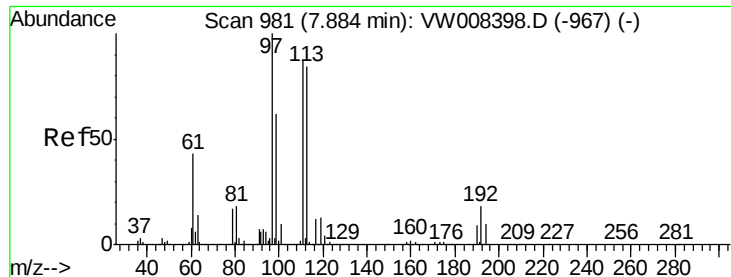
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 55.506 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008591.D

Acq: 11 Feb 2019 12:29

Instrument :

MSVOA_W

ClientSampleId :

VW0211SBS01

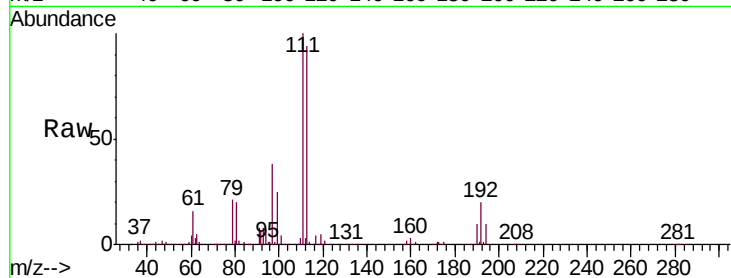
Tgt Ion:113 Resp: 232244

Ion Ratio Lower Upper

113 100

111 103.5 81.0 121.4

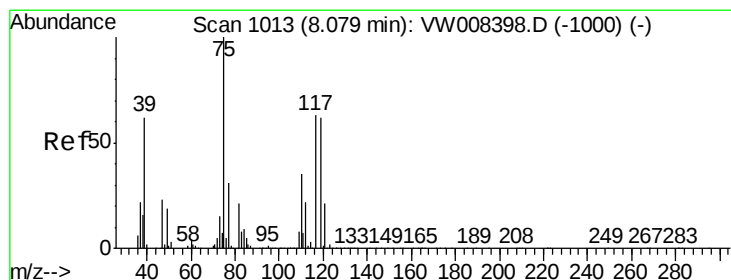
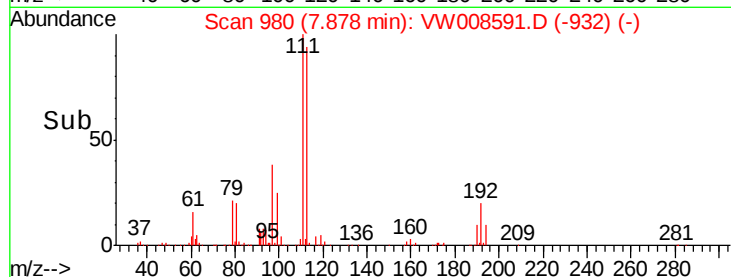
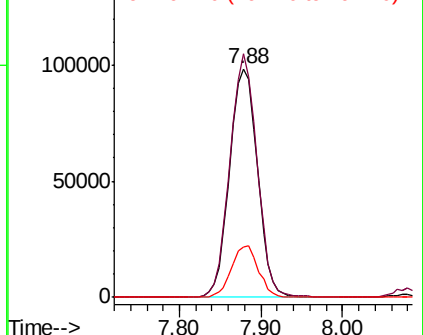
192 21.8 16.8 25.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.852 ug/l

RT: 8.07 min Scan# 1012

Delta R.T. -0.01 min

Lab File: VW008591.D

Acq: 11 Feb 2019 12:29

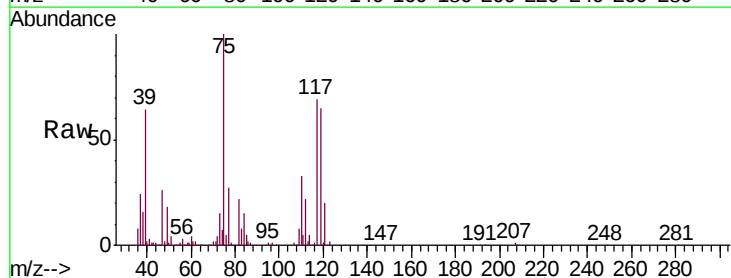
Tgt Ion: 75 Resp: 127426

Ion Ratio Lower Upper

75 100

110 34.4 17.3 52.0

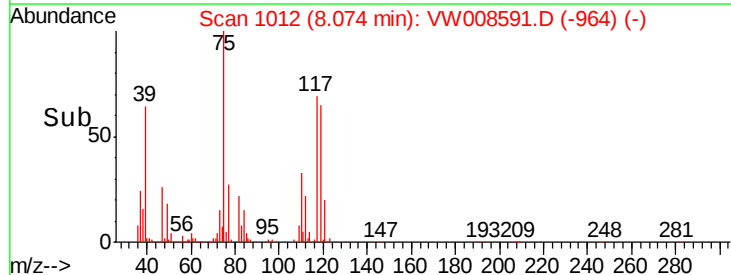
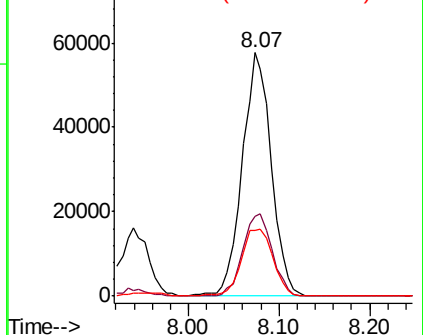
77 30.1 24.7 37.1

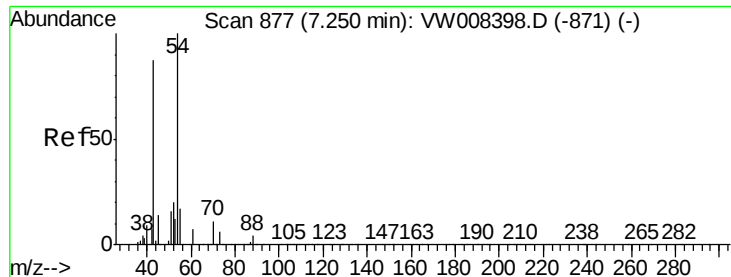


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

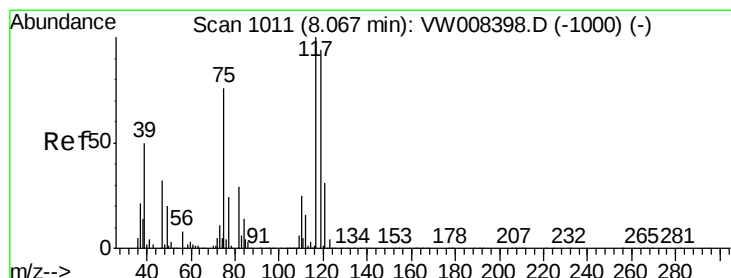
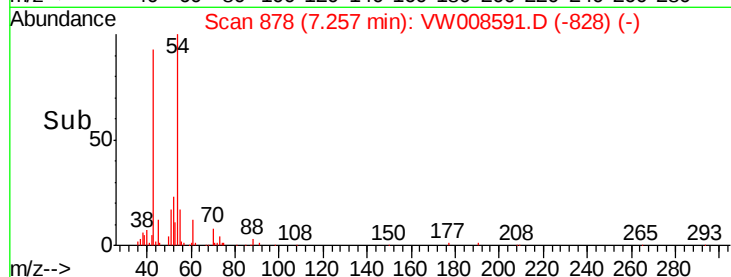
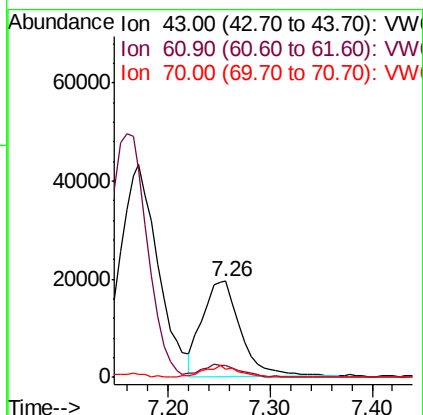
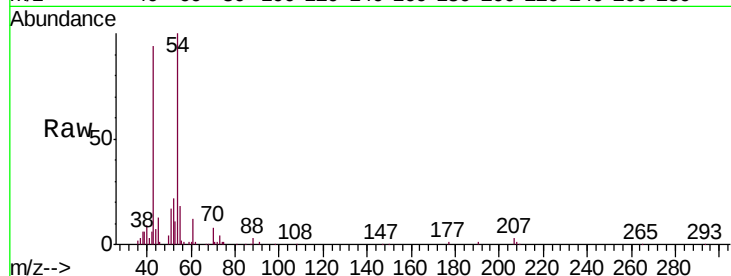




#37
Ethyl Acetate
Concen: 16.942 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW008591.D
Acq: 11 Feb 2019 12:29

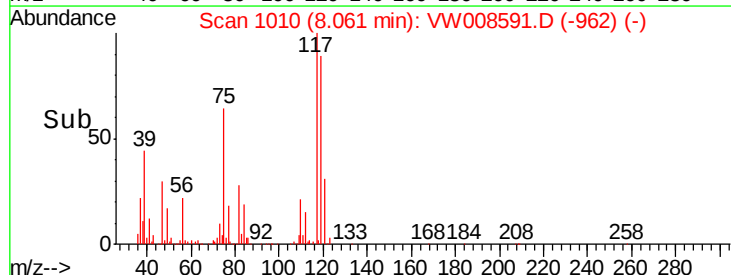
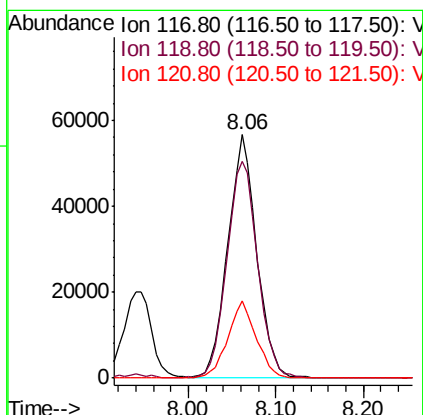
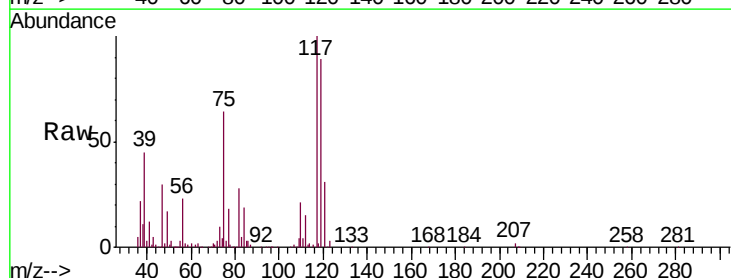
Instrument :
MSVOA_W
ClientSampleId :
VW0211SBS01

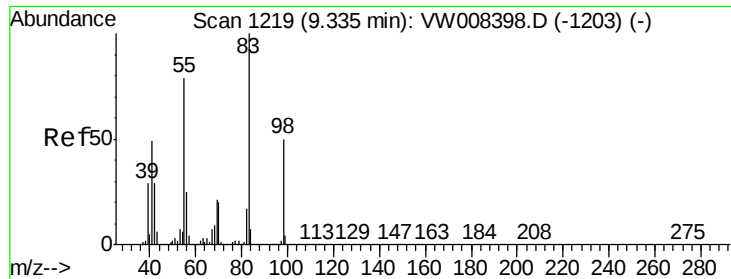
Tgt Ion: 43 Resp: 50664
Ion Ratio Lower Upper
43 100
61 11.5 10.1 15.1
70 11.1 7.8 11.6



#38
Carbon Tetrachloride
Concen: 19.124 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW008591.D
Acq: 11 Feb 2019 12:29

Tgt Ion: 117 Resp: 130078
Ion Ratio Lower Upper
117 100
119 89.0 75.0 112.4
121 31.5 24.9 37.3

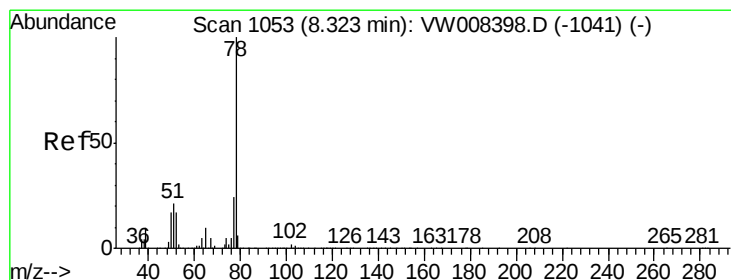
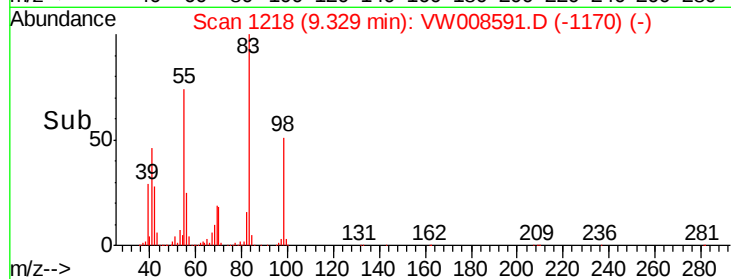
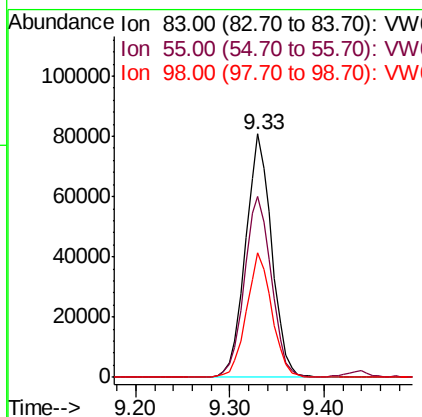
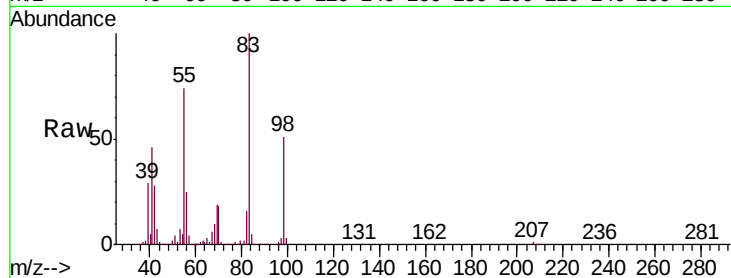




#39
Methylcyclohexane
Concen: 17.687 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW008591.D
Acq: 11 Feb 2019 12:29

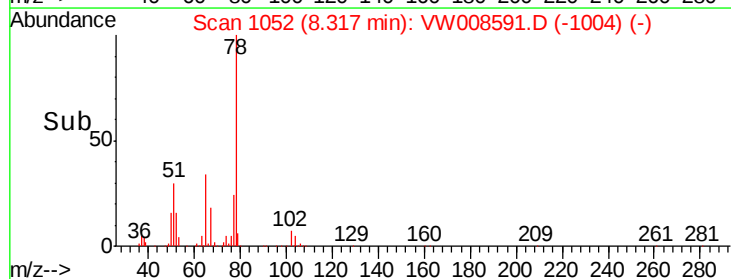
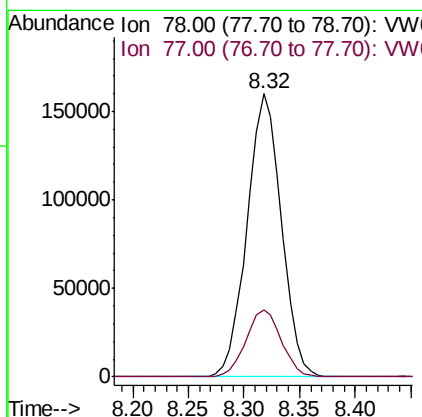
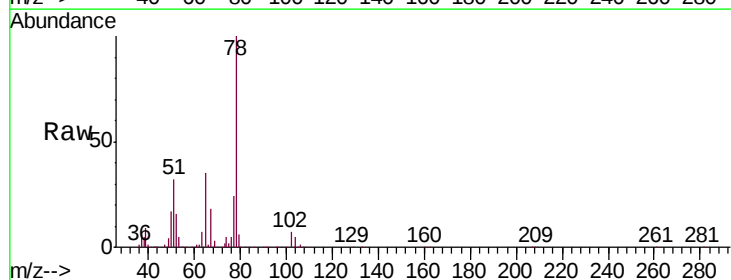
Instrument :
MSVOA_W
ClientSampleId :
VW0211SBS01

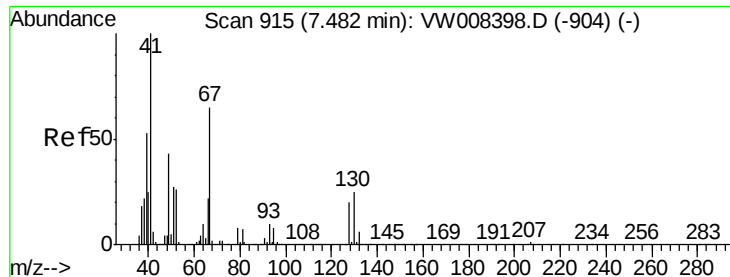
Tgt Ion: 83 Resp: 157055
Ion Ratio Lower Upper
83 100
55 74.1 63.3 94.9
98 50.9 39.7 59.5



#40
Benzene
Concen: 18.298 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW008591.D
Acq: 11 Feb 2019 12:29

Tgt Ion: 78 Resp: 343195
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6

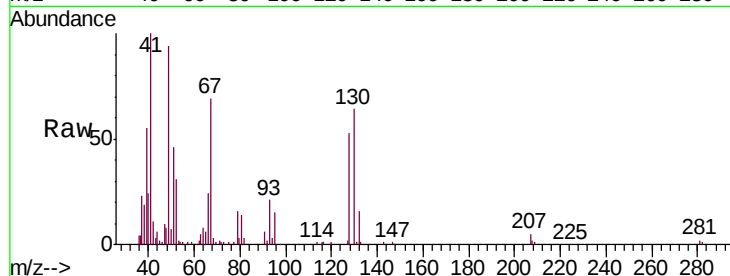




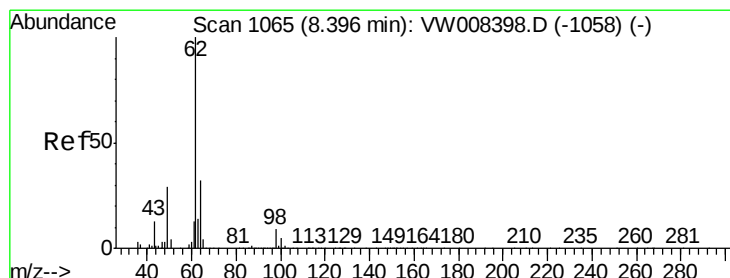
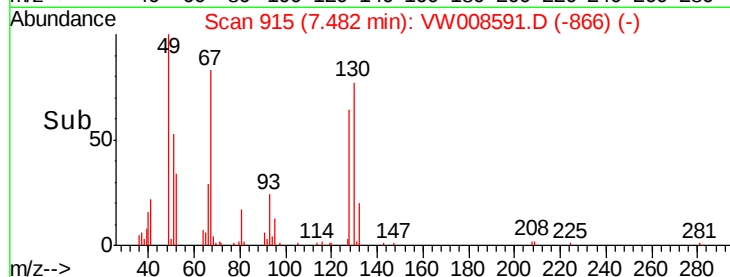
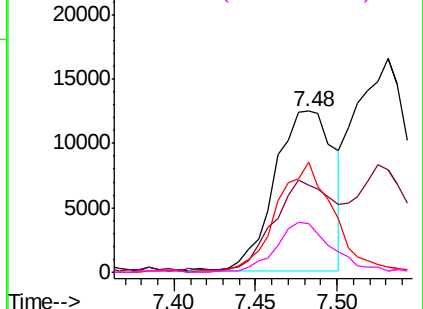
#41
Methacrylonitrile
Concen: 17.701 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW008591.D
Acq: 11 Feb 2019 12:29

Instrument :
MSVOA_W
ClientSampleId :
VW0211SBS01

Tgt Ion:	41	Resp:	31344
Ion	Ratio	Lower	Upper
41	100		
39	54.5	43.4	65.0
67	66.8	54.2	81.2
52	29.8	22.9	34.3

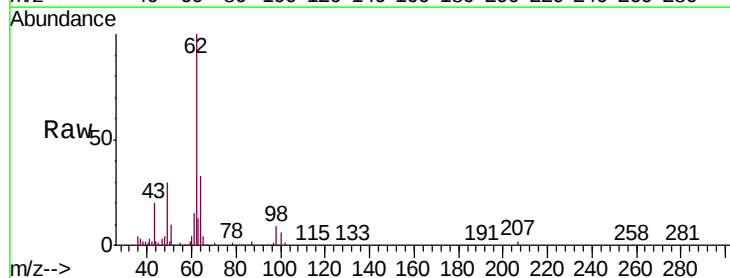


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

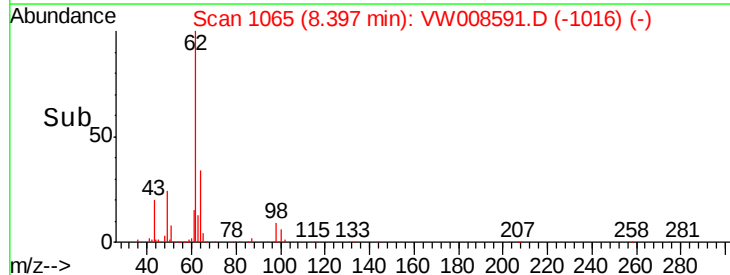
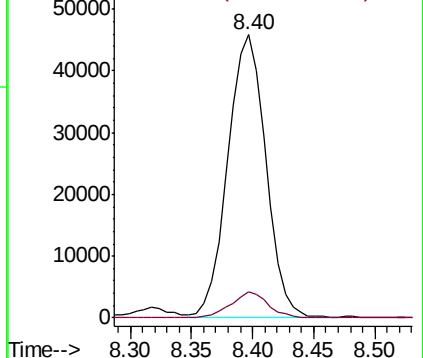


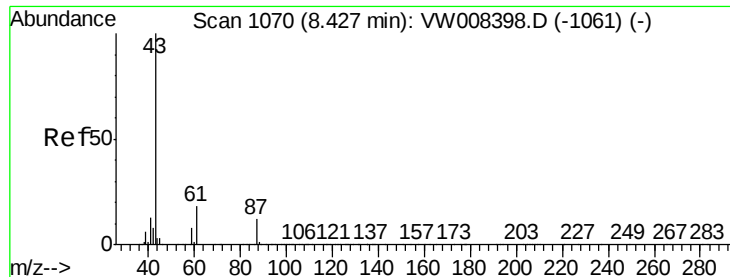
#42
1,2-Dichloroethane
Concen: 18.166 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW008591.D
Acq: 11 Feb 2019 12:29

Tgt Ion:	62	Resp:	98741
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.6



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 16.822 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW008591.D

Acq: 11 Feb 2019 12:29

Instrument :

MSVOA_W

ClientSampleId :

VW0211SBS01

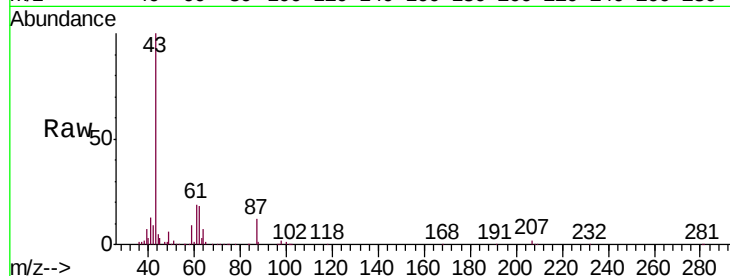
Tgt Ion: 43 Resp: 104512

Ion Ratio Lower Upper

43 100

61 28.8 22.0 33.0

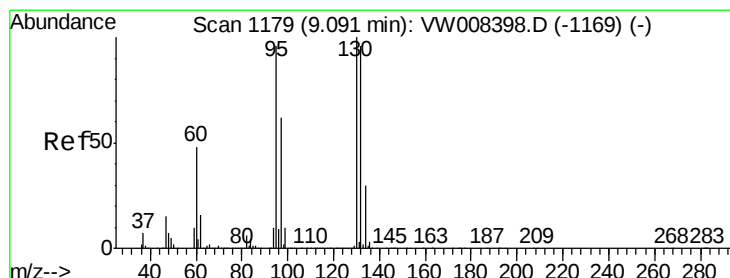
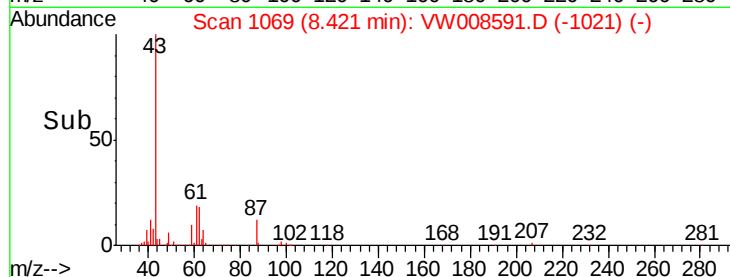
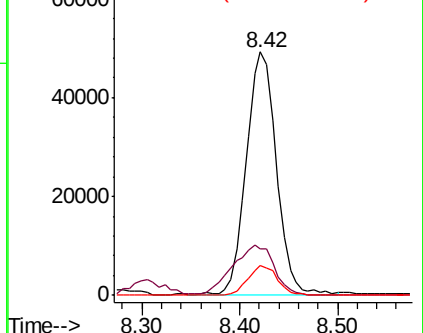
87 12.1 9.3 13.9



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: 18.818 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008591.D

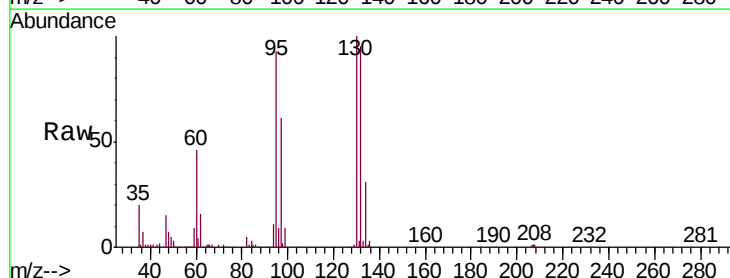
Acq: 11 Feb 2019 12:29

Tgt Ion: 130 Resp: 95978

Ion Ratio Lower Upper

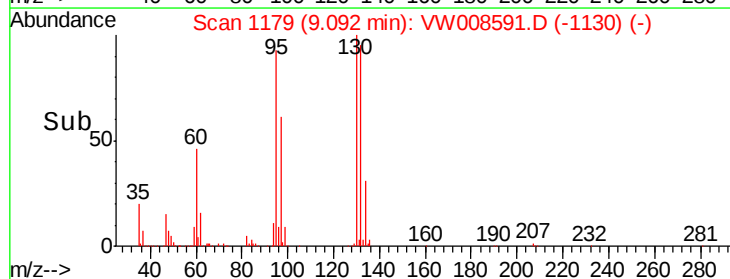
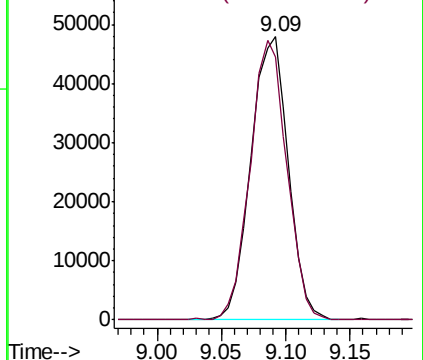
130 100

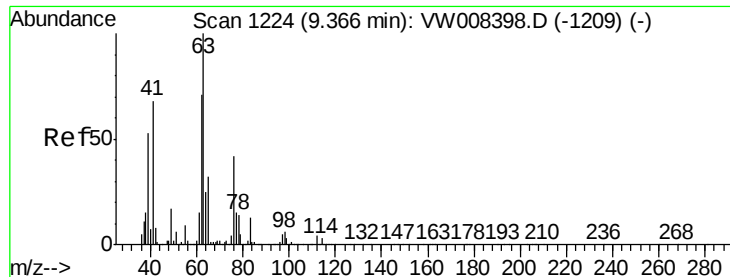
95 92.7 0.0 191.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 17.836 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW008591.D

Acq: 11 Feb 2019 12:29

Instrument :

MSVOA_W

ClientSampleId :

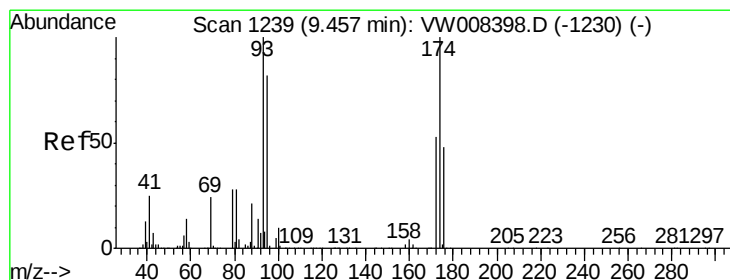
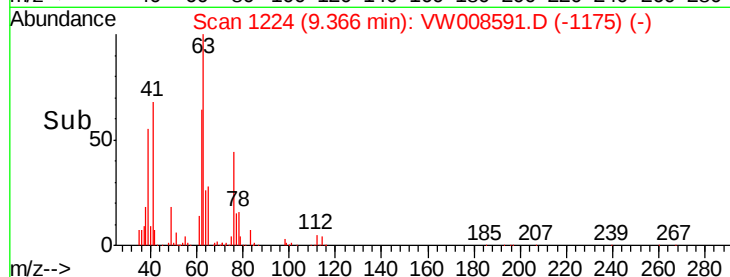
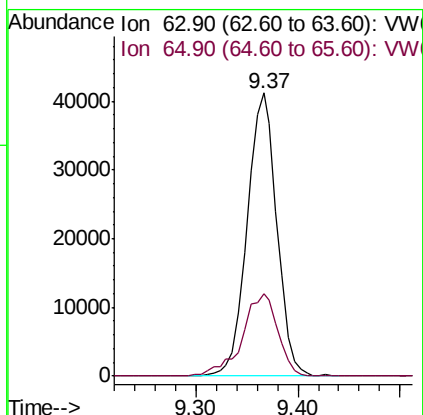
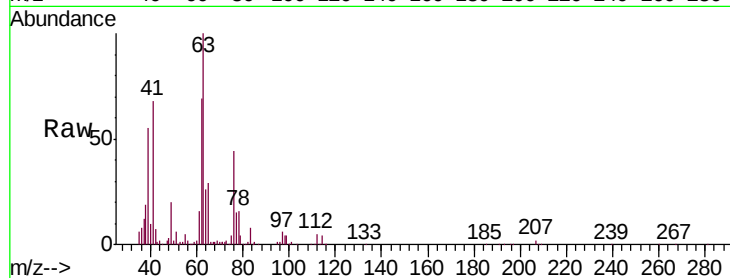
VW0211SBS01

Tgt Ion: 63 Resp: 83412

Ion Ratio Lower Upper

63 100

65 29.0 25.2 37.8



#46

Dibromomethane

Concen: 18.038 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW008591.D

Acq: 11 Feb 2019 12:29

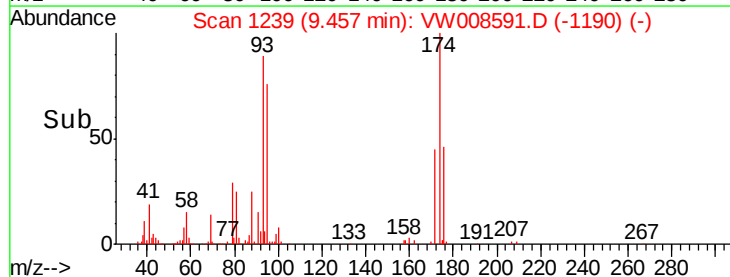
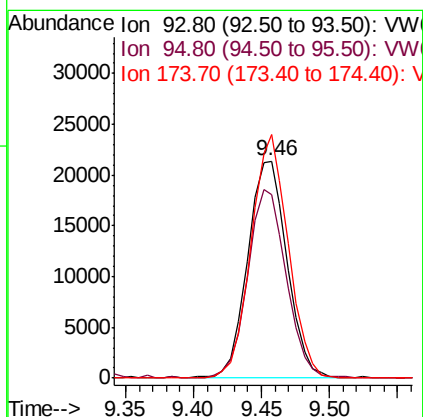
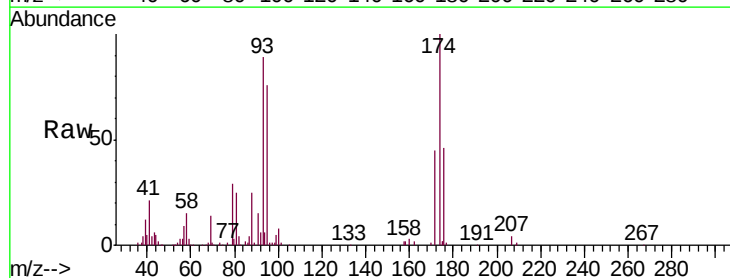
Tgt Ion: 93 Resp: 43389

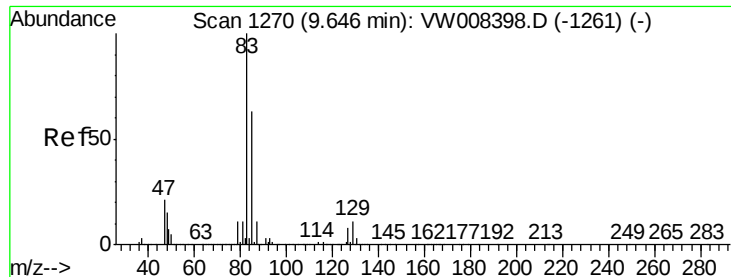
Ion Ratio Lower Upper

93 100

95 85.2 65.9 98.9

174 105.5 81.0 121.6





#47

Bromodichloromethane

Concen: 18.316 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008591.D

Acq: 11 Feb 2019 12:29

Instrument :

MSVOA_W

ClientSampleId :

VW0211SBS01

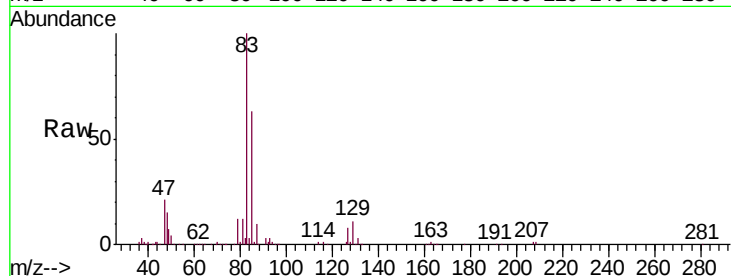
Tgt Ion: 83 Resp: 116533

Ion Ratio Lower Upper

83 100

85 62.7 50.8 76.2

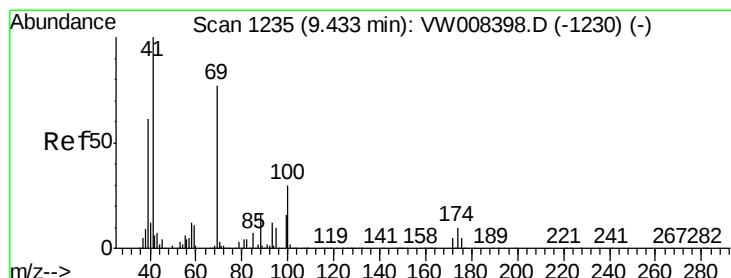
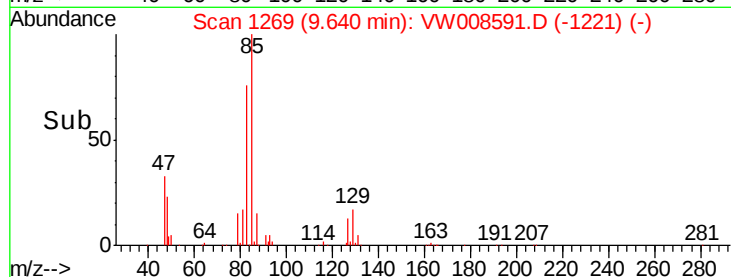
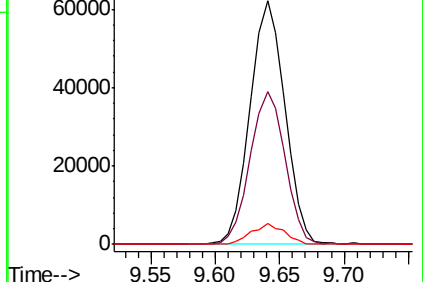
127 8.4 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 15.712 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW008591.D

Acq: 11 Feb 2019 12:29

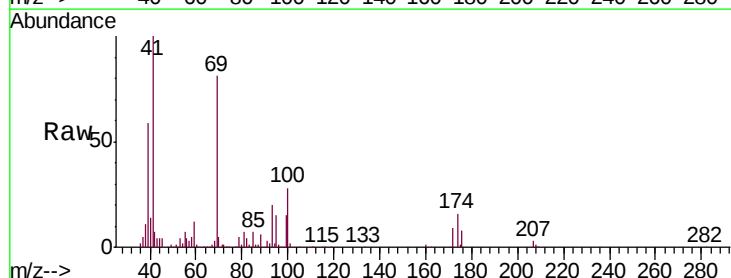
Tgt Ion: 41 Resp: 47732

Ion Ratio Lower Upper

41 100

69 83.8 64.8 97.2

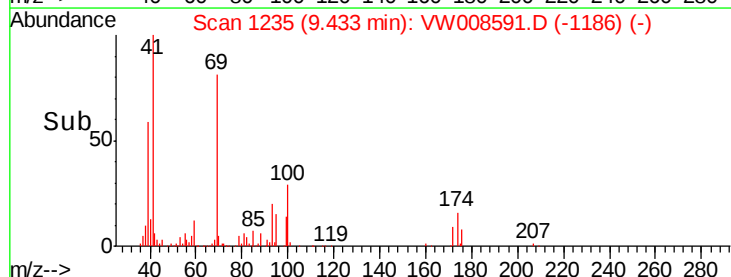
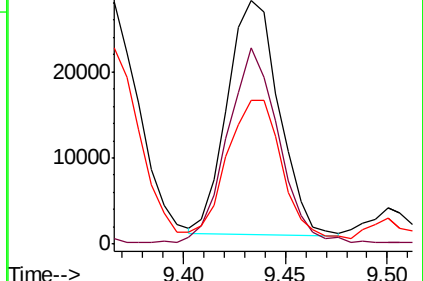
39 62.0 49.1 73.7

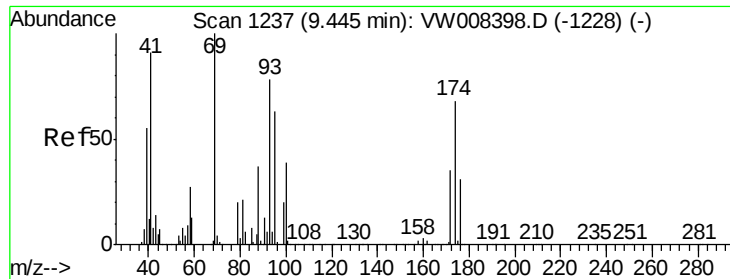


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 323.676 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW008591.D

Acq: 11 Feb 2019 12:29

Instrument :

MSVOA_W

ClientSampleId :

VW0211SBS01

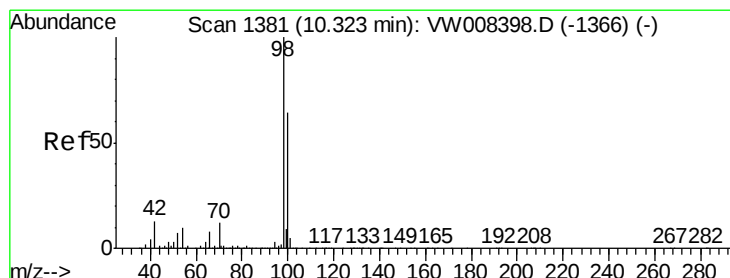
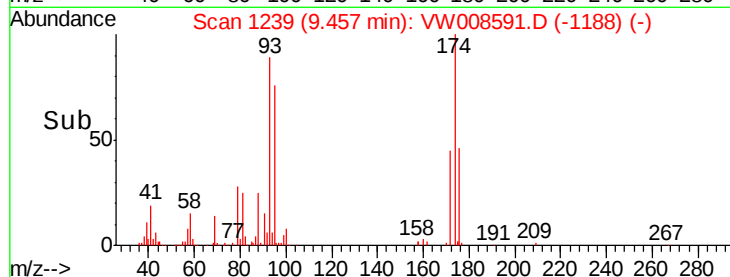
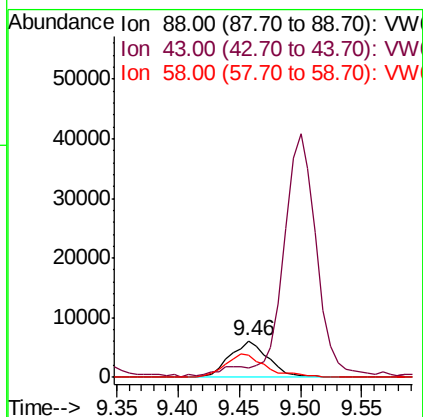
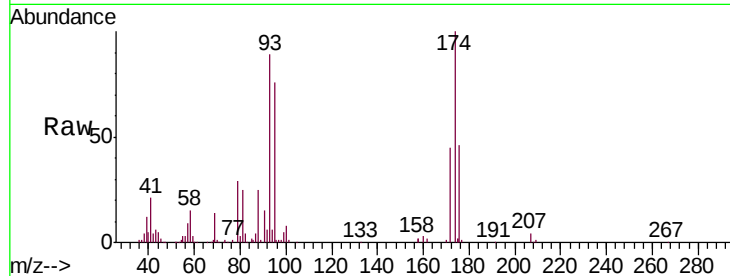
Tgt Ion: 88 Resp: 13160

Ion Ratio Lower Upper

88 100

43 24.7 29.0 43.4#

58 70.5 56.4 84.6



#50

Toluene-d8

Concen: 53.690 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008591.D

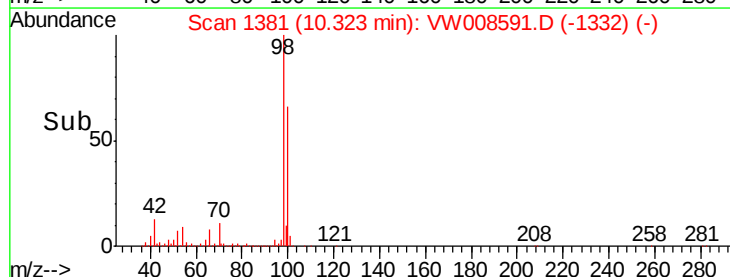
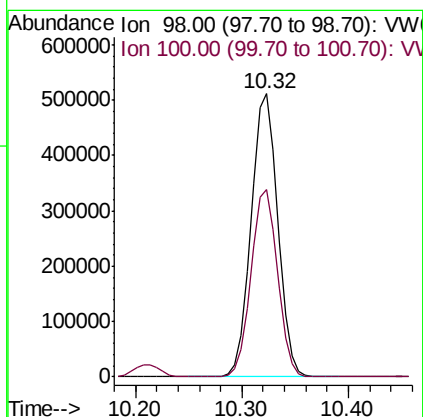
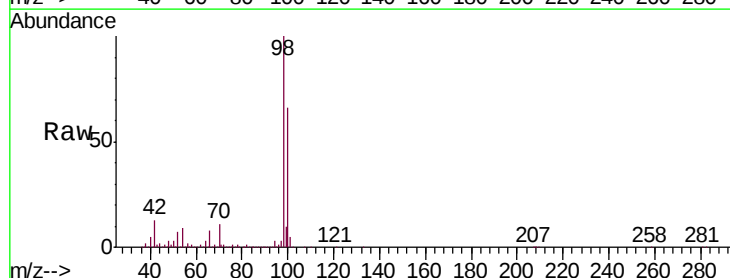
Acq: 11 Feb 2019 12:29

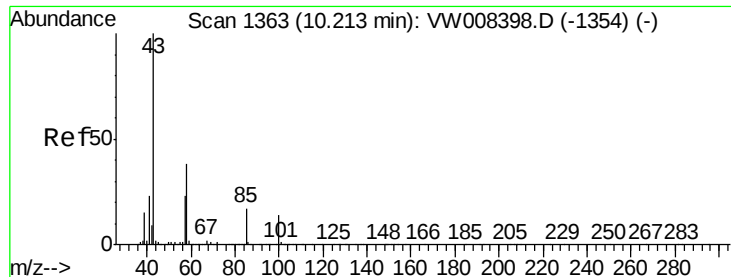
Tgt Ion: 98 Resp: 900844

Ion Ratio Lower Upper

98 100

100 65.9 52.6 78.8

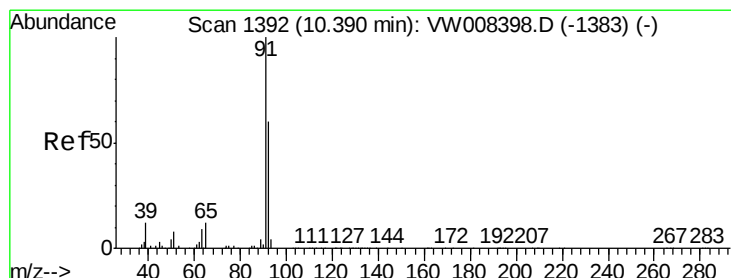
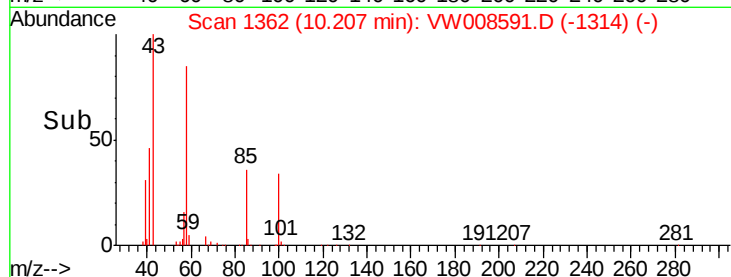
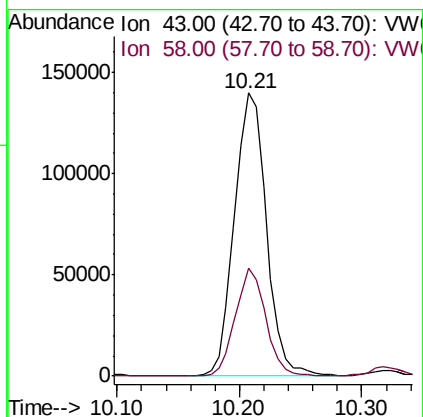
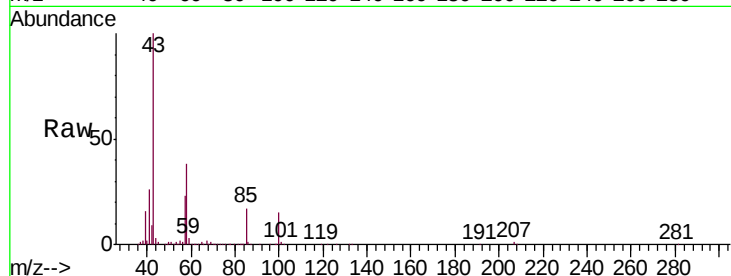




#51
4-Methyl-2-Pentanone
Concen: 82.165 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VW008591.D
Acq: 11 Feb 2019 12:29

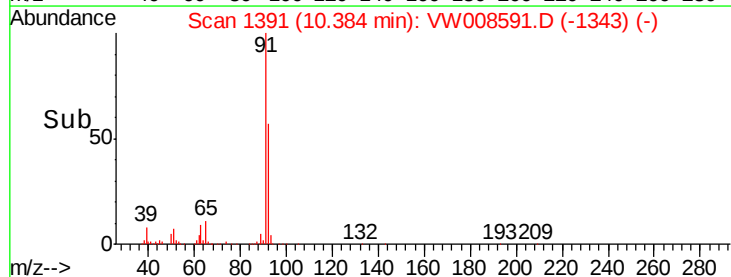
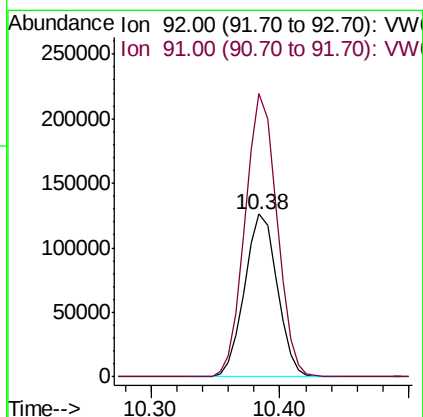
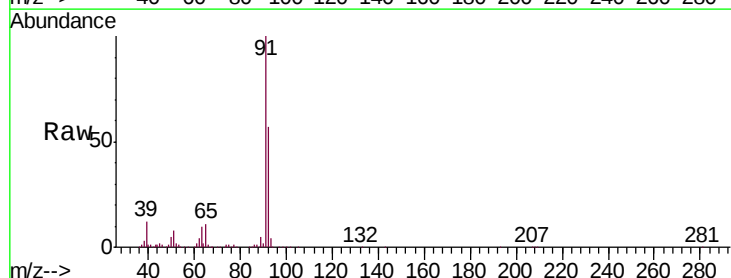
Instrument :
MSVOA_W
ClientSampleId :
VW0211SBS01

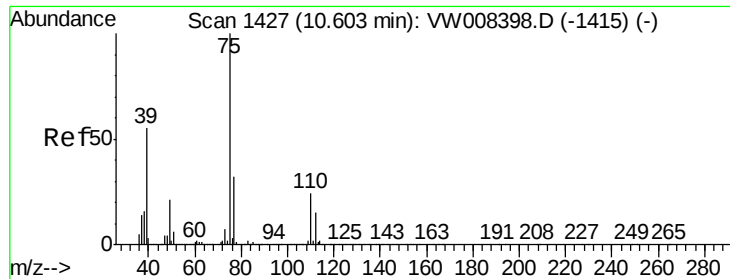
Tgt Ion: 43 Resp: 252192
Ion Ratio Lower Upper
43 100
58 36.4 29.7 44.5



#52
Toluene
Concen: 17.861 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW008591.D
Acq: 11 Feb 2019 12:29

Tgt Ion: 92 Resp: 221144
Ion Ratio Lower Upper
92 100
91 170.1 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 17.136 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008591.D

Acq: 11 Feb 2019 12:29

Instrument :

MSVOA_W

ClientSampleId :

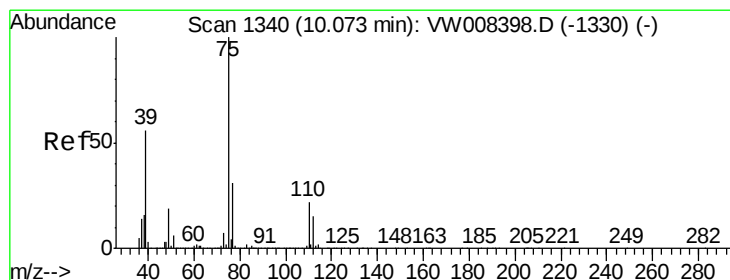
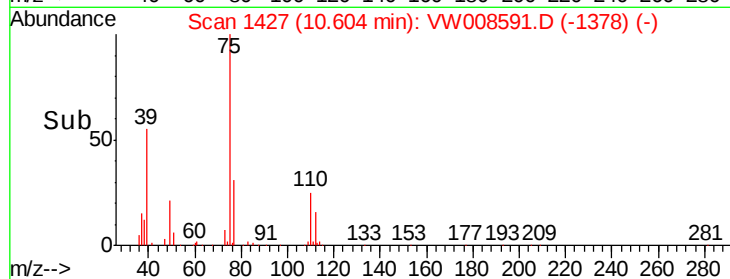
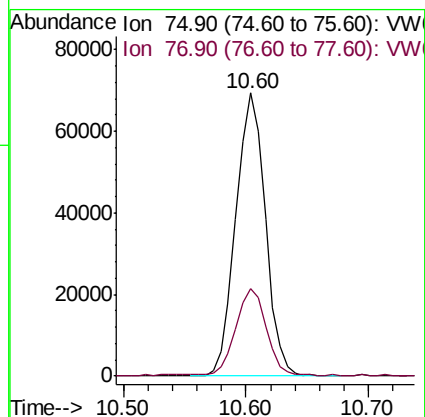
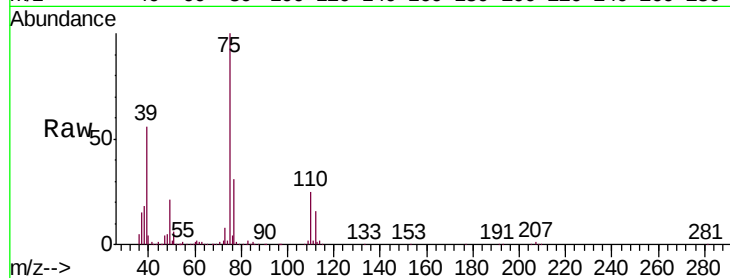
VW0211SBS01

Tgt Ion: 75 Resp: 116008

Ion Ratio Lower Upper

75 100

77 30.8 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 17.301 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008591.D

Acq: 11 Feb 2019 12:29

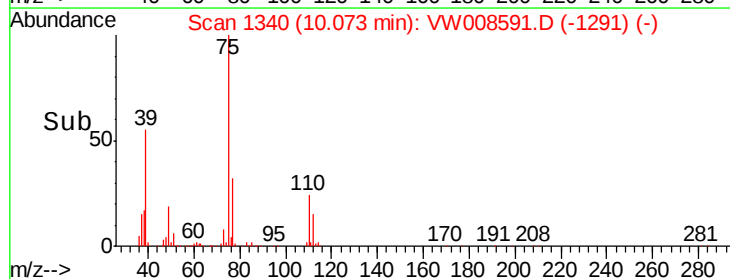
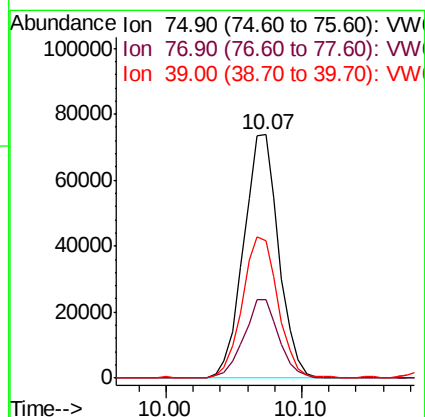
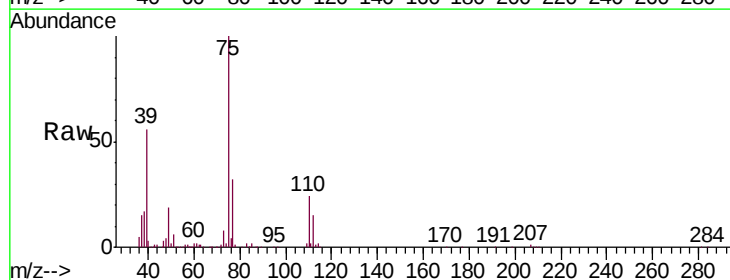
Tgt Ion: 75 Resp: 132921

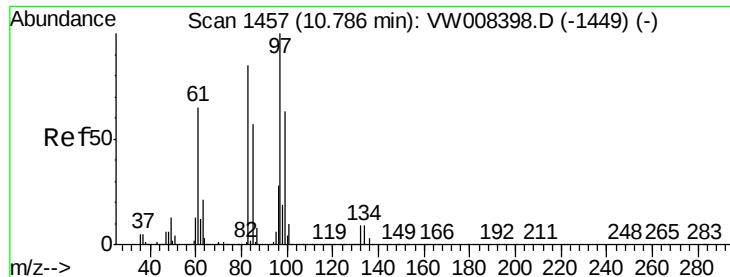
Ion Ratio Lower Upper

75 100

77 32.1 25.0 37.4

39 56.3 44.9 67.3

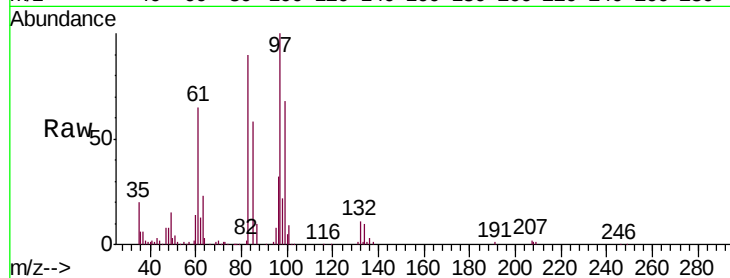




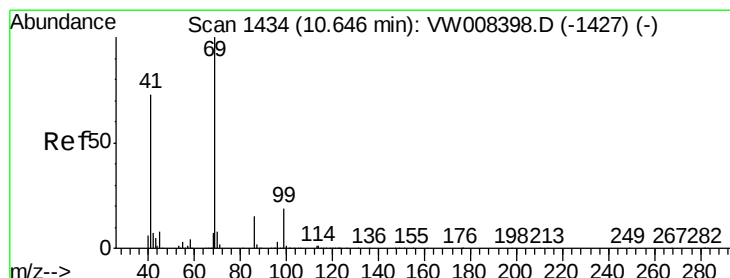
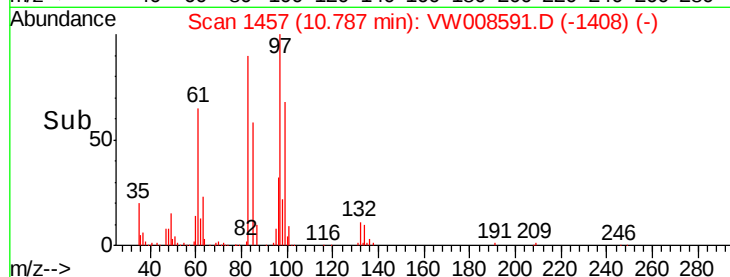
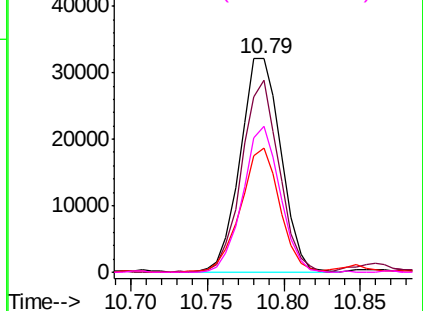
#55
 1,1,2-Trichloroethane
 Concen: 17.854 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008591.D
 Acq: 11 Feb 2019 12:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0211SBS01

Tgt Ion:	97	Resp:	59568
Ion	Ratio	Lower	Upper
97	100		
83	90.0	68.4	102.6
85	57.5	45.3	67.9
99	68.2	50.6	76.0

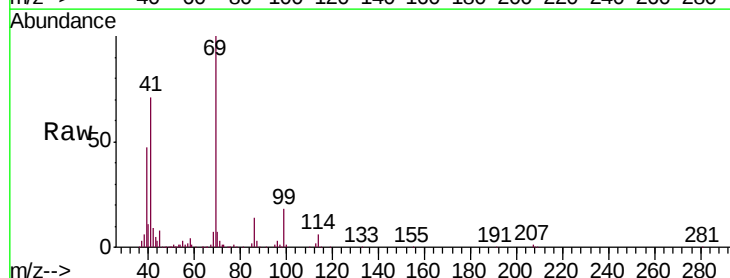


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

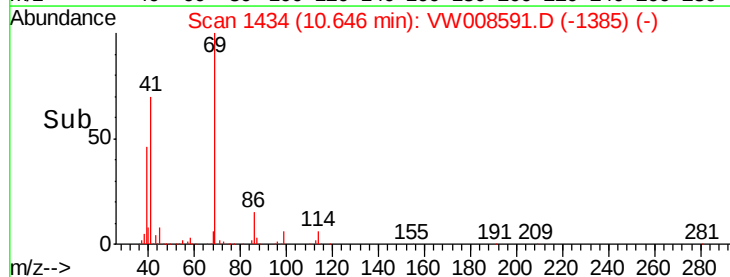
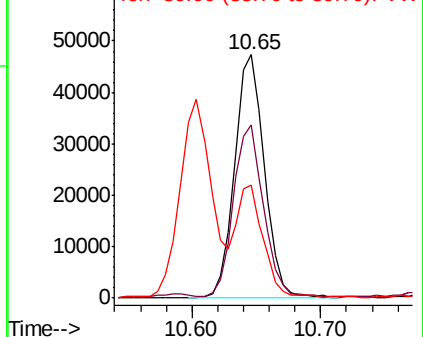


#56
 Ethyl methacrylate
 Concen: 16.310 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008591.D
 Acq: 11 Feb 2019 12:29

Tgt Ion:	69	Resp:	76250
Ion	Ratio	Lower	Upper
69	100		
41	71.9	58.7	88.1
39	41.4	32.6	48.8



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

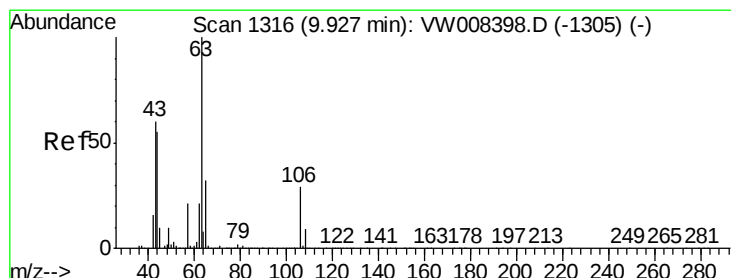
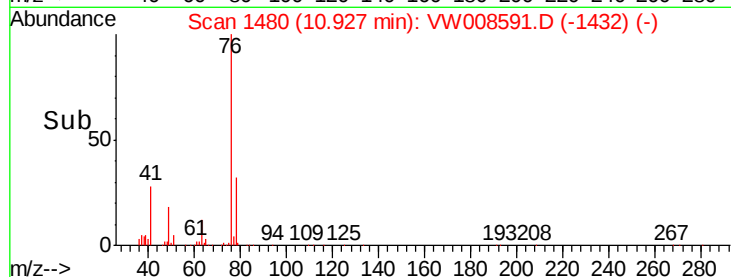
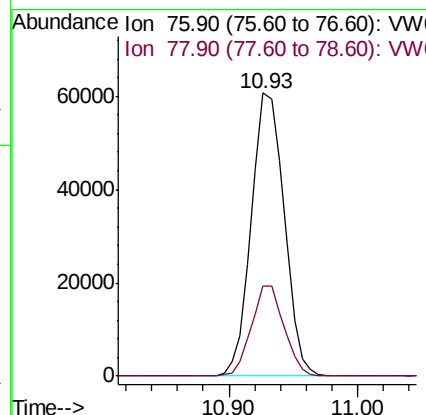
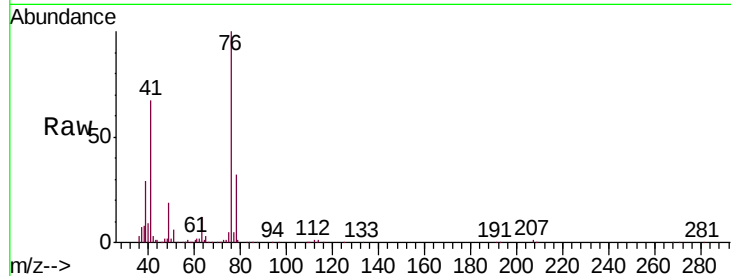




#57
 1,3-Dichloropropane
 Concen: 17.953 ug/l
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: VW008591.D
 Acq: 11 Feb 2019 12:29

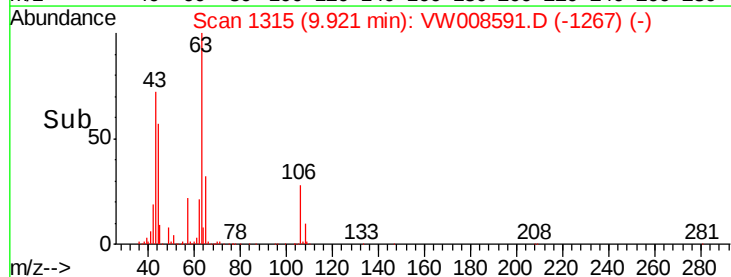
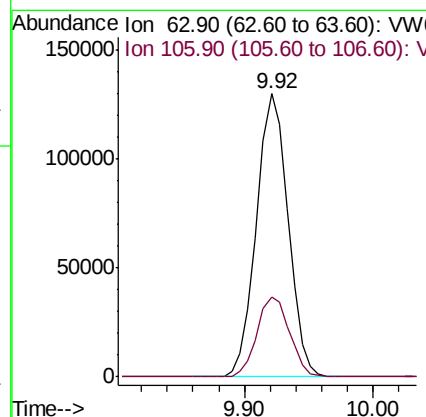
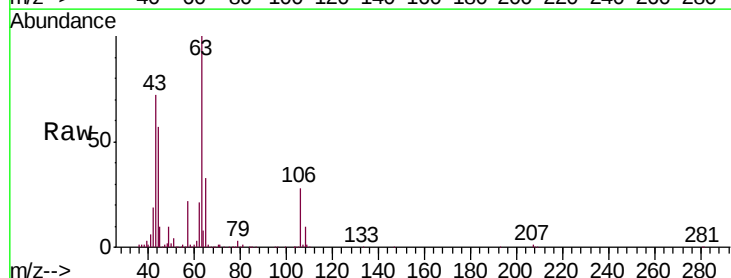
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0211SBS01

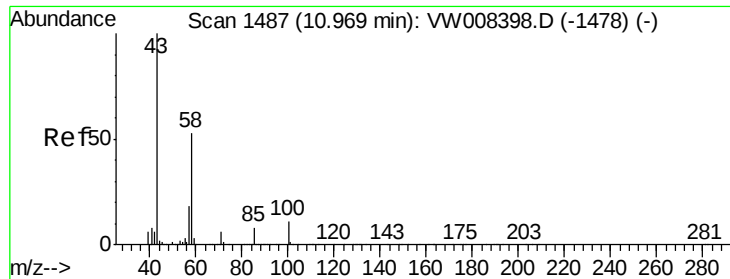
Tgt Ion: 76 Resp: 107308
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.364 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW008591.D
 Acq: 11 Feb 2019 12:29

Tgt Ion: 63 Resp: 221156
 Ion Ratio Lower Upper
 63 100
 106 29.1 22.4 33.6

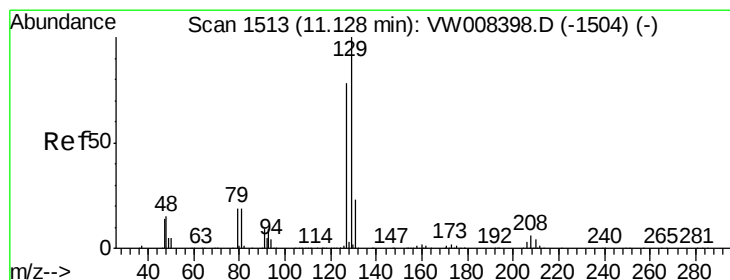
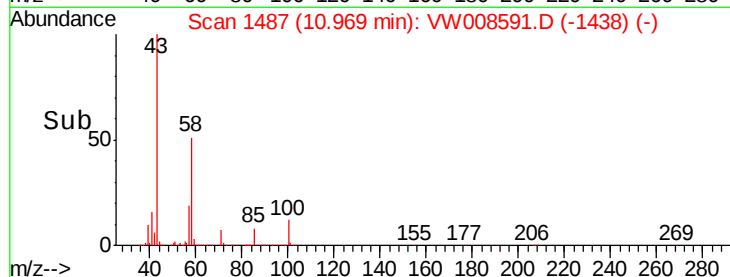
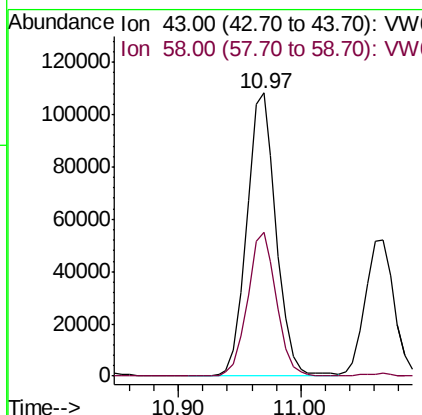
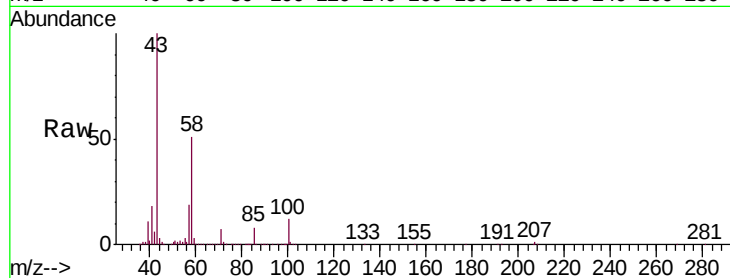




#59
2-Hexanone
Concen: 82.983 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008591.D
Acq: 11 Feb 2019 12:29

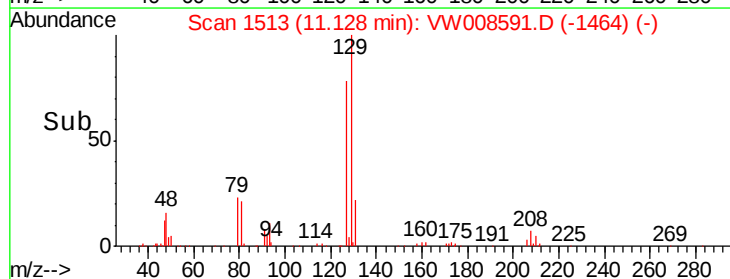
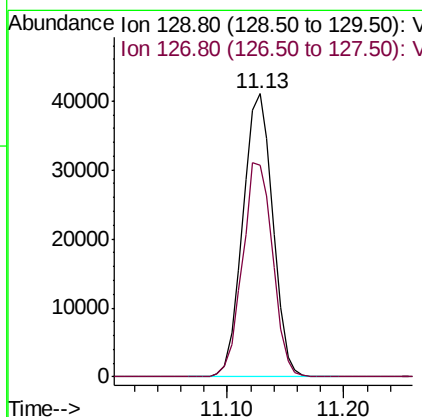
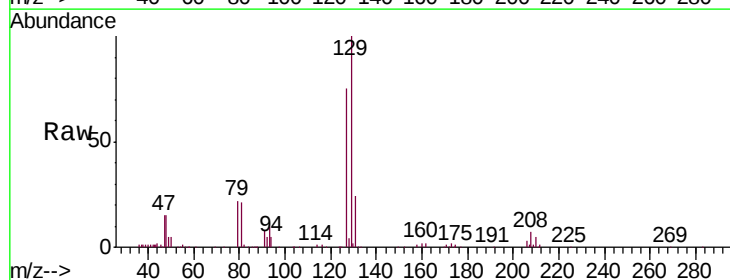
Instrument :
MSVOA_W
ClientSampleId :
VW0211SBS01

Tgt Ion: 43 Resp: 179810
Ion Ratio Lower Upper
43 100
58 49.9 25.9 77.7



#60
Dibromochloromethane
Concen: 17.242 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008591.D
Acq: 11 Feb 2019 12:29

Tgt Ion: 129 Resp: 73926
Ion Ratio Lower Upper
129 100
127 76.2 39.1 117.2

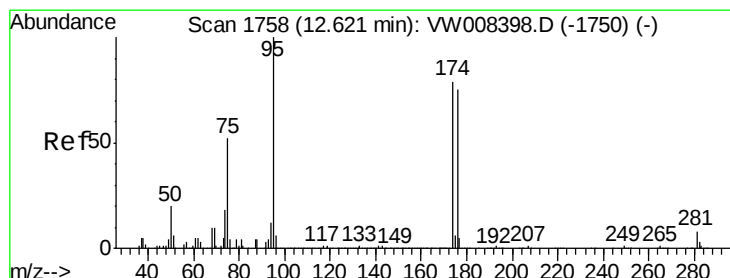
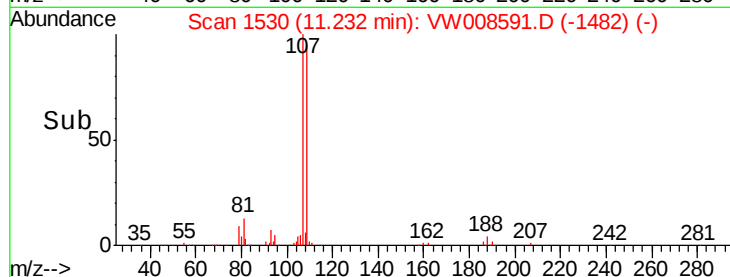
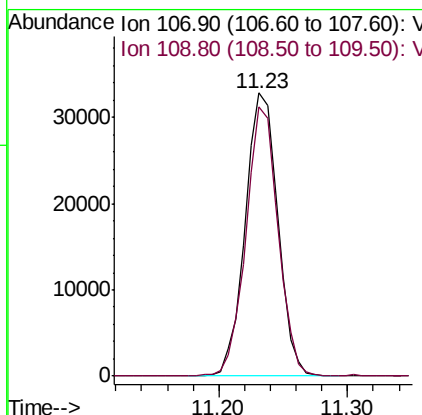
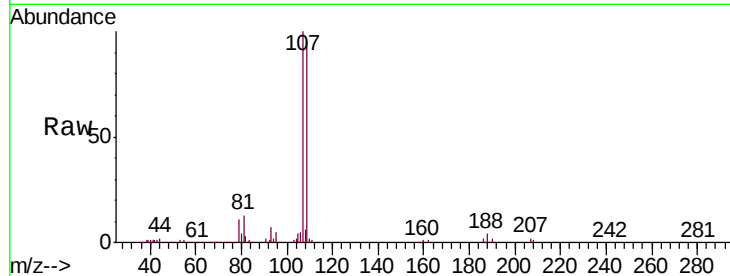




#61
 1,2-Dibromoethane
 Concen: 17.276 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW008591.D
 Acq: 11 Feb 2019 12:29

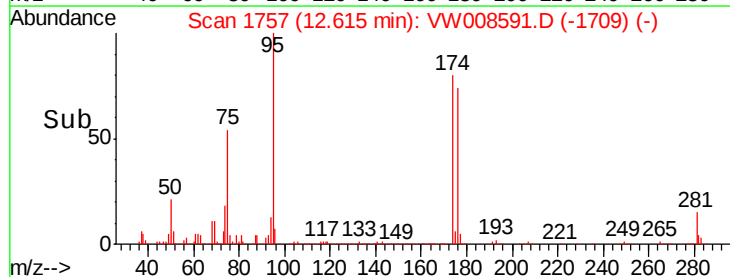
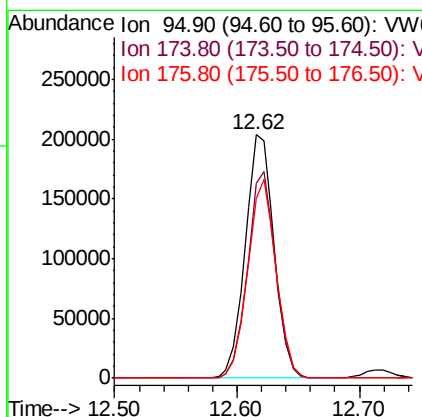
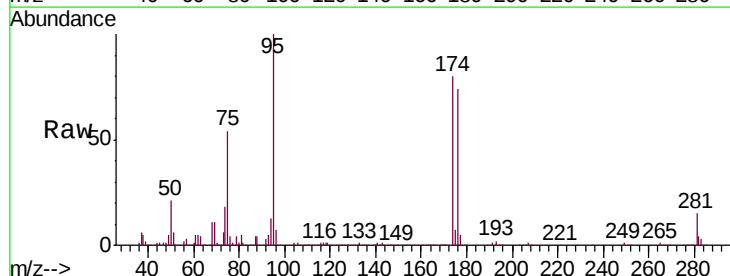
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0211SBS01

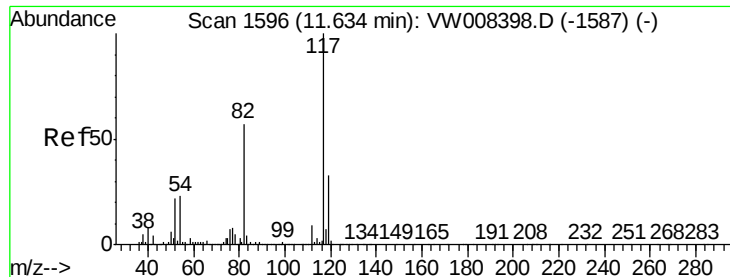
Tgt Ion: 107 Resp: 57152
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 51.607 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VW008591.D
 Acq: 11 Feb 2019 12:29

Tgt Ion: 95 Resp: 332834
 Ion Ratio Lower Upper
 95 100
 174 83.1 0.0 157.6
 176 80.2 0.0 151.8

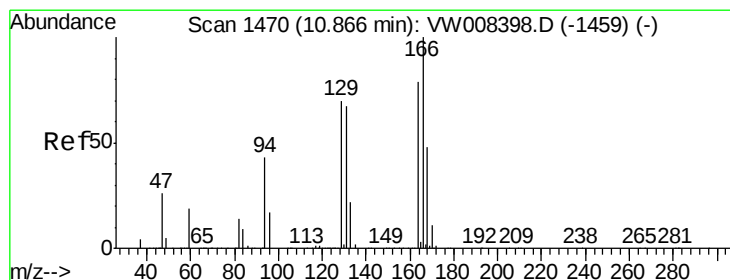
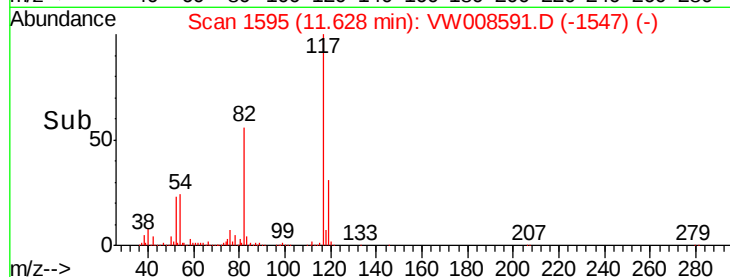
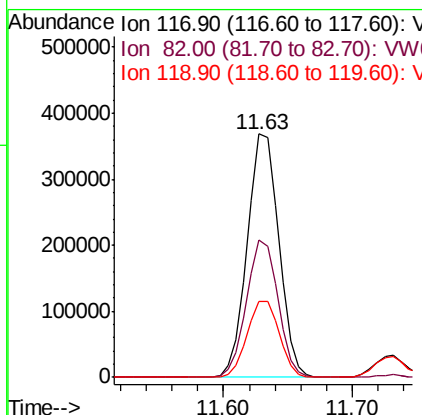
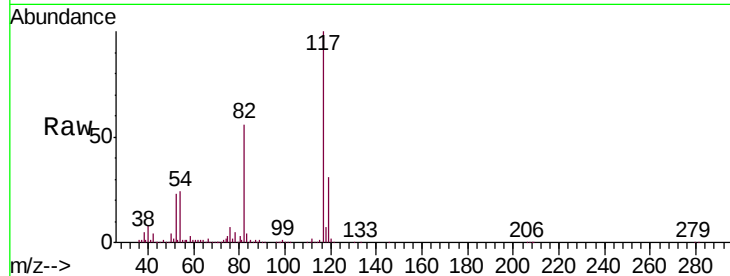




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW008591.D
Acq: 11 Feb 2019 12:29

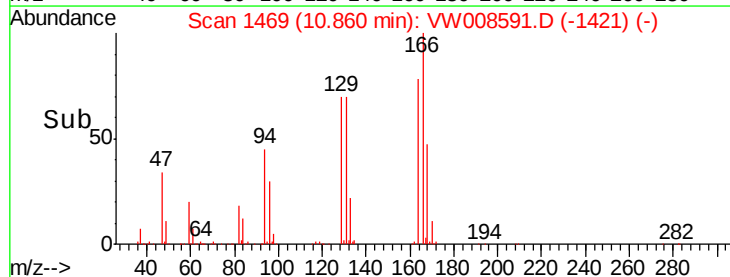
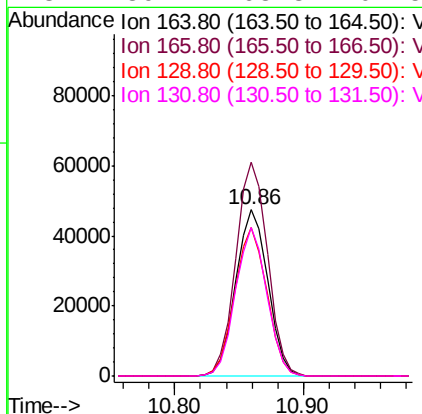
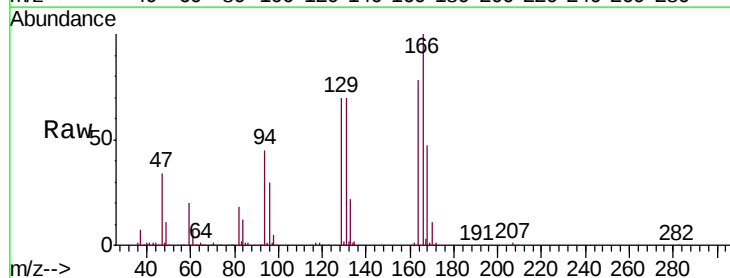
Instrument :
MSVOA_W
ClientSampleId :
VW0211SBS01

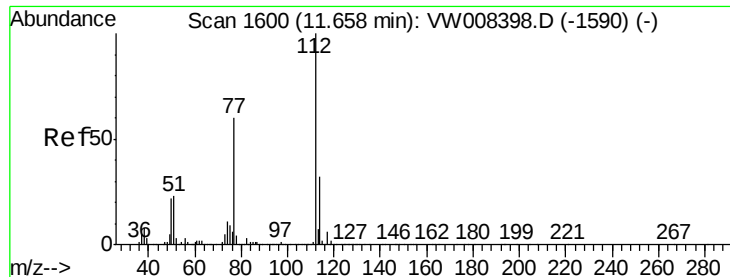
Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.4	68.0
119	31.4	26.2	39.4



#64
Tetrachloroethene
Concen: 19.427 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008591.D
Acq: 11 Feb 2019 12:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.6	101.4	152.0
129	89.7	71.0	106.6
131	89.7	68.3	102.5

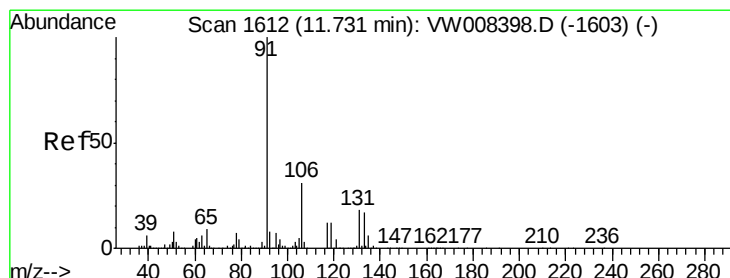
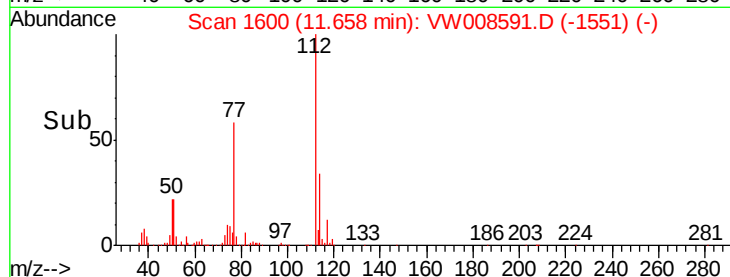
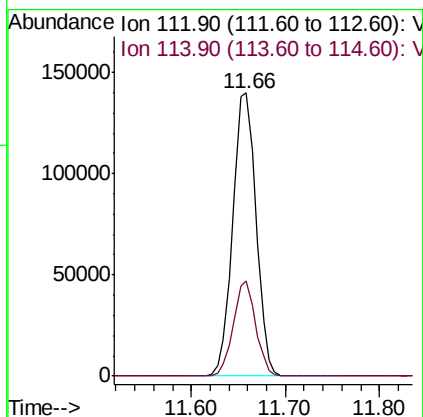
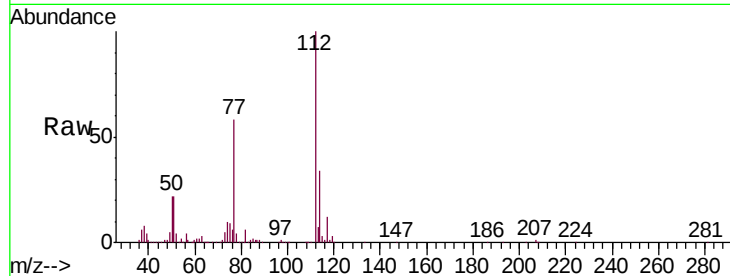




#65
Chlorobenzene
Concen: 18.903 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008591.D
Acq: 11 Feb 2019 12:29

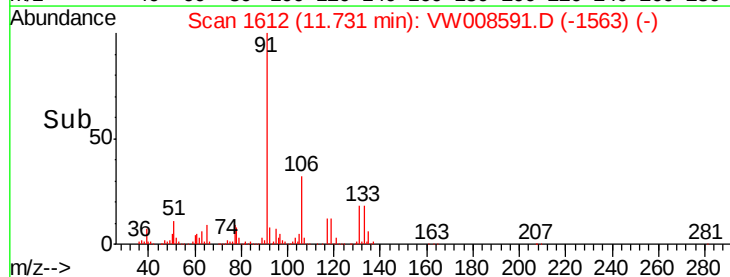
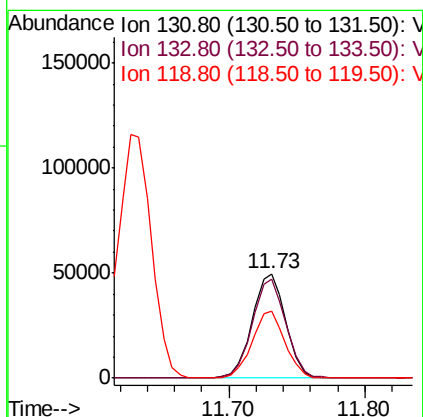
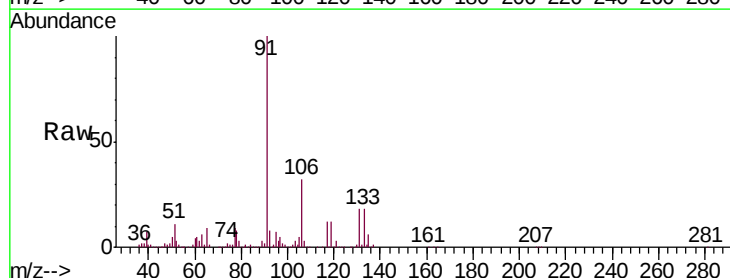
Instrument :
MSVOA_W
ClientSampleId :
VW0211SBS01

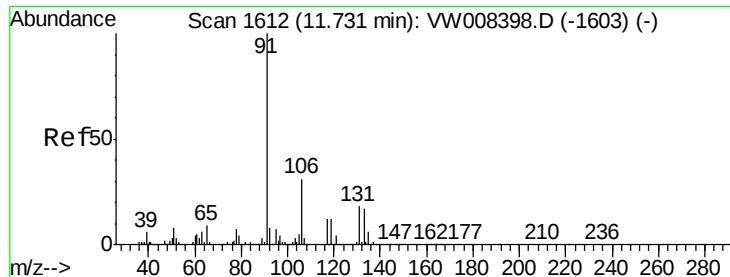
Tgt Ion:112 Resp: 240785
Ion Ratio Lower Upper
112 100
114 33.7 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 18.741 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008591.D
Acq: 11 Feb 2019 12:29

Tgt Ion:131 Resp: 85412
Ion Ratio Lower Upper
131 100
133 95.9 47.0 141.2
119 63.8 32.1 96.3

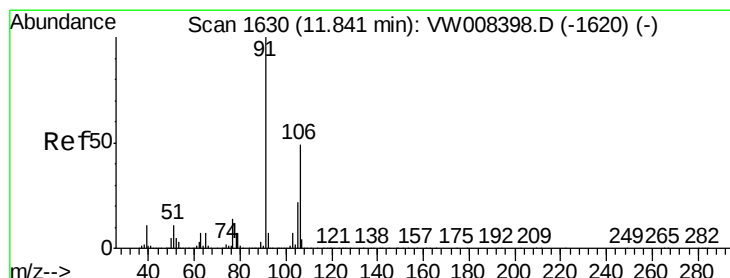
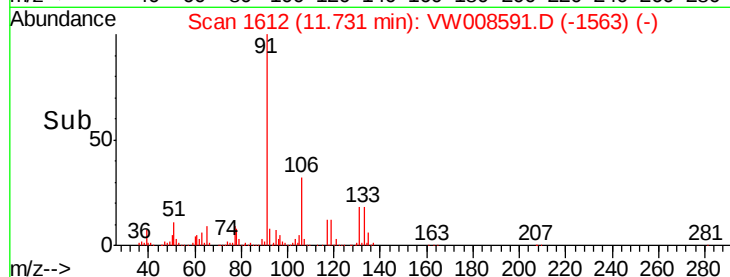
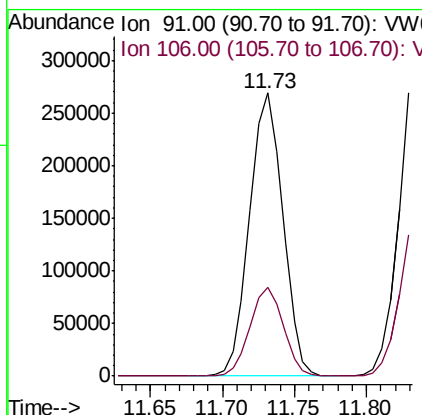
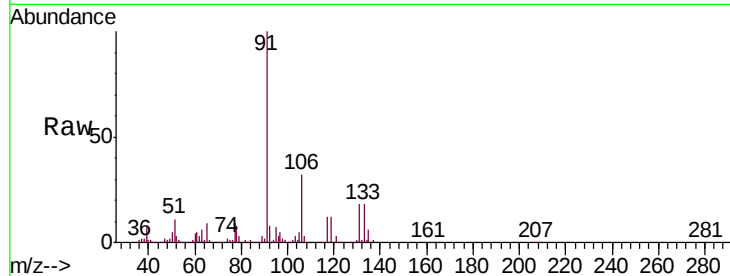




#67
Ethyl Benzene
Concen: 18.403 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008591.D
Acq: 11 Feb 2019 12:29

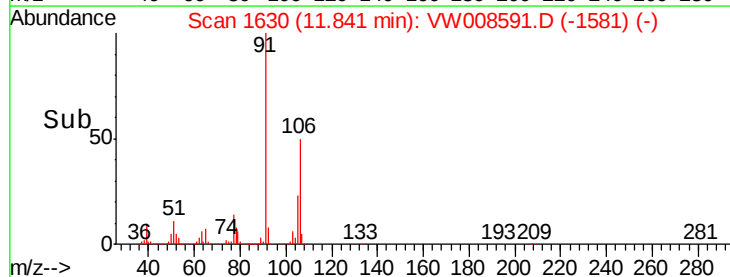
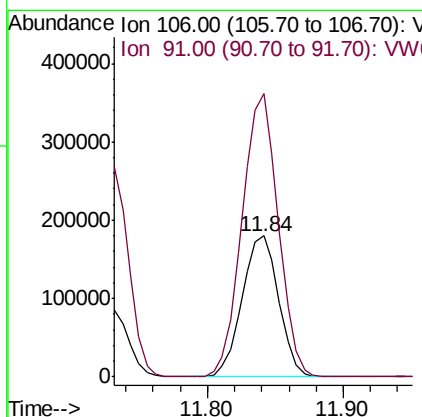
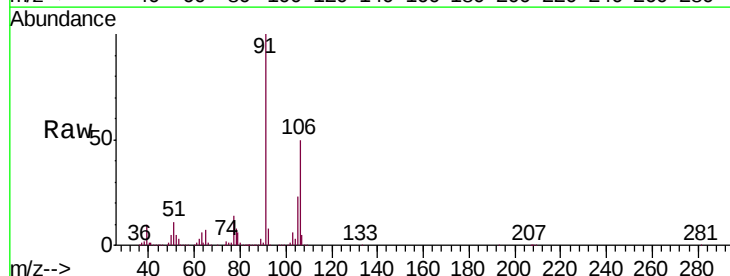
Instrument :
MSVOA_W
ClientSampleId :
VW0211SBS01

Tgt Ion: 91 Resp: 430900
Ion Ratio Lower Upper
91 100
106 31.6 24.7 37.1



#68
m/p-Xylenes
Concen: 37.219 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008591.D
Acq: 11 Feb 2019 12:29

Tgt Ion: 106 Resp: 338132
Ion Ratio Lower Upper
106 100
91 198.7 162.9 244.3

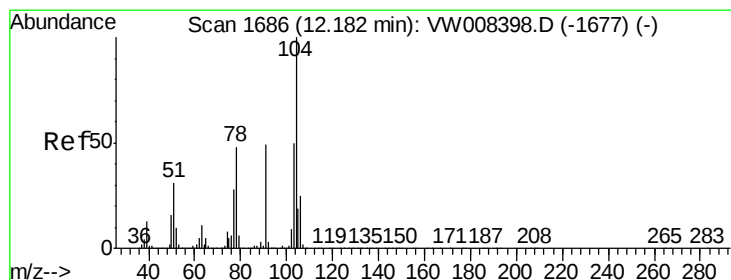
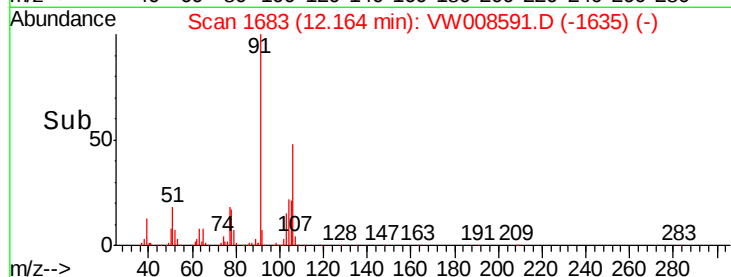
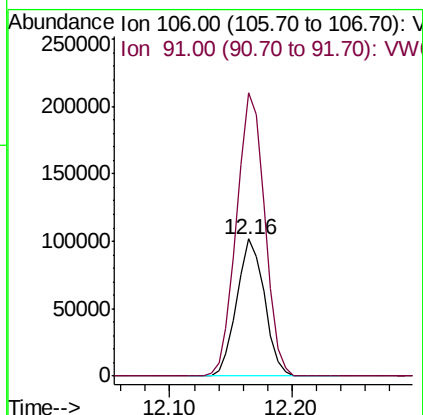
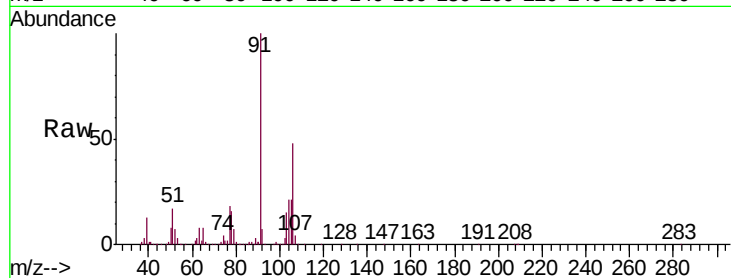




#69
o-Xylene
Concen: 18.509 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008591.D
Acq: 11 Feb 2019 12:29

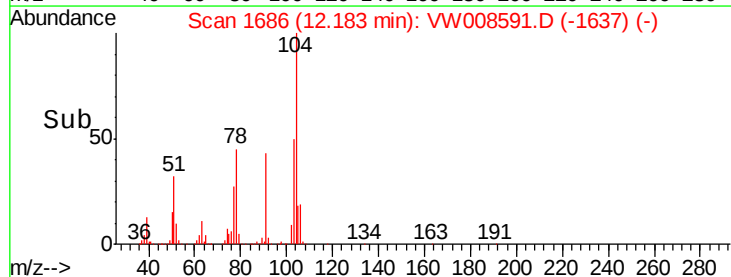
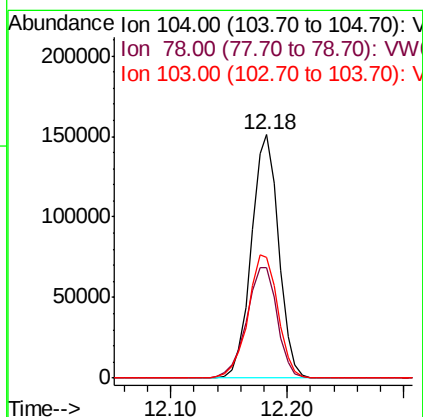
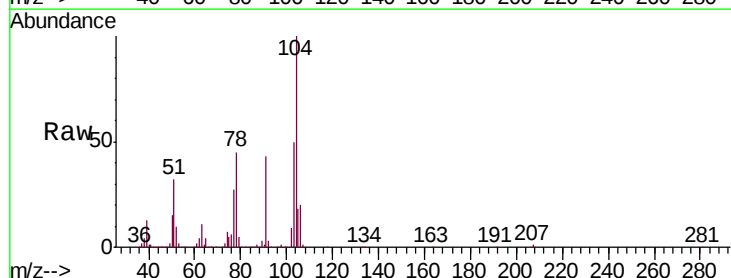
Instrument :
MSVOA_W
ClientSampleId :
VW0211SBS01

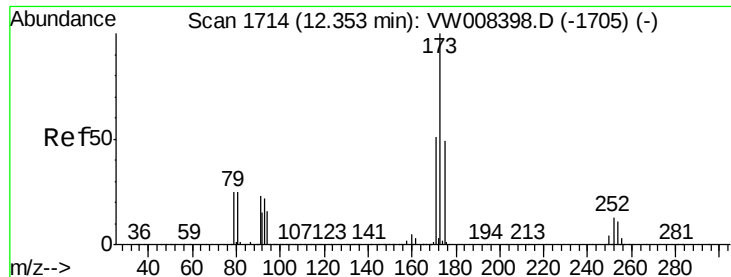
Tgt Ion:106 Resp: 159774
Ion Ratio Lower Upper
106 100
91 209.7 107.5 322.4



#70
Styrene
Concen: 17.370 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008591.D
Acq: 11 Feb 2019 12:29

Tgt Ion:104 Resp: 247673
Ion Ratio Lower Upper
104 100
78 51.1 42.4 63.6
103 55.6 43.4 65.0

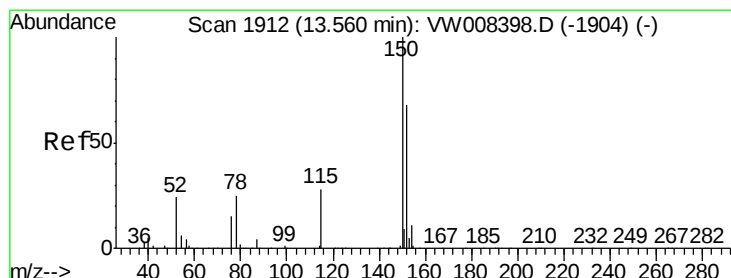
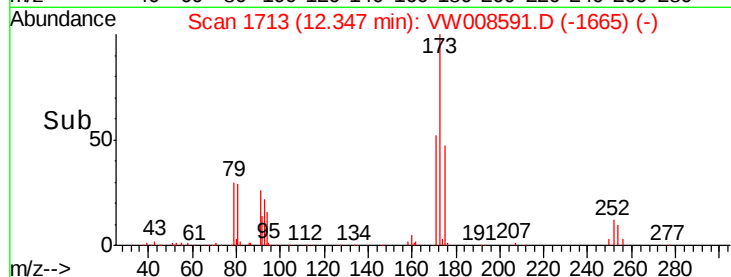
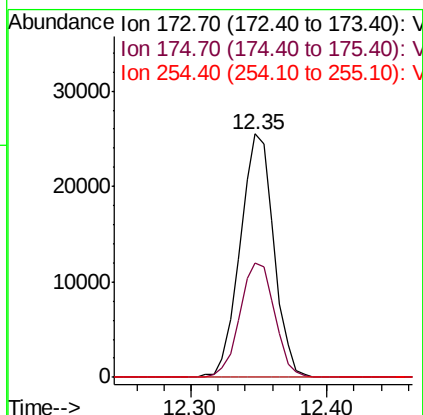
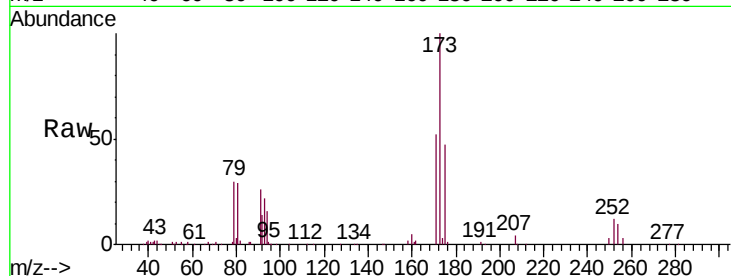




#71
Bromoform
Concen: 17.172 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: VW008591.D
Acq: 11 Feb 2019 12:29

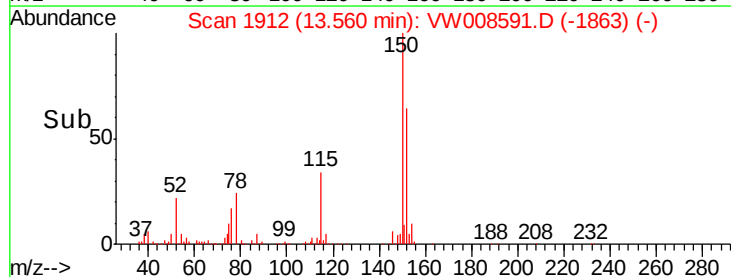
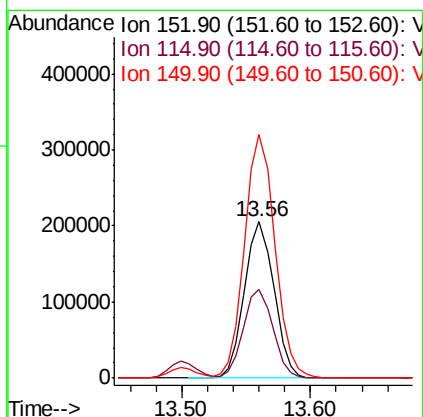
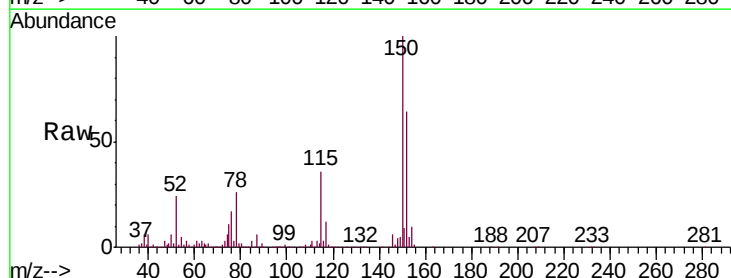
Instrument :
MSVOA_W
ClientSampleId :
VW0211SBS01

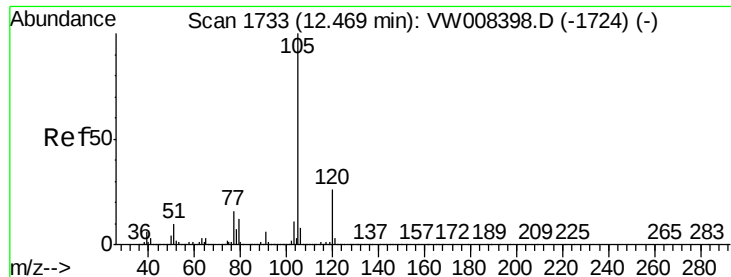
Tgt Ion:173 Resp: 44034
Ion Ratio Lower Upper
173 100
175 48.5 24.4 73.4
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008591.D
Acq: 11 Feb 2019 12:29

Tgt Ion:152 Resp: 325361
Ion Ratio Lower Upper
152 100
115 56.8 29.9 89.7
150 160.2 0.0 351.4





#73

Isopropylbenzene

Concen: 18.326 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW008591.D

Acq: 11 Feb 2019 12:29

Instrument :

MSVOA_W

ClientSampleId :

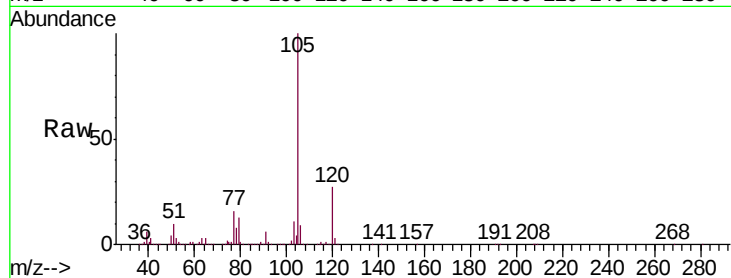
VW0211SBS01

Tgt Ion: 105 Resp: 444518

Ion Ratio Lower Upper

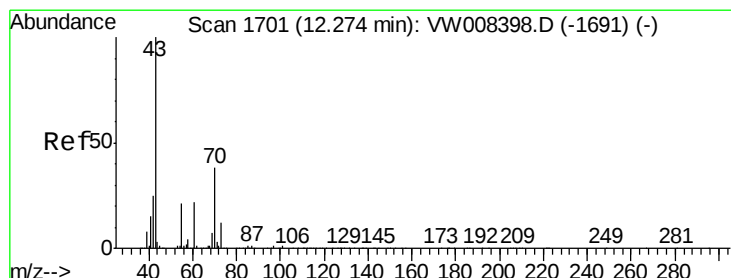
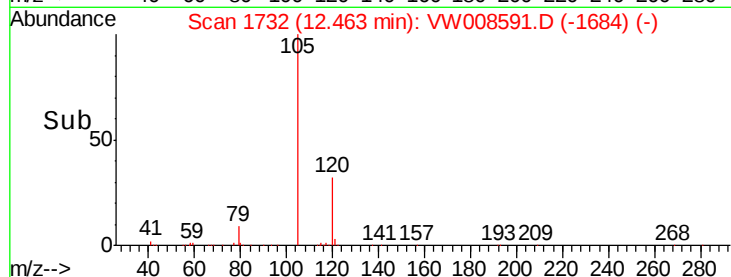
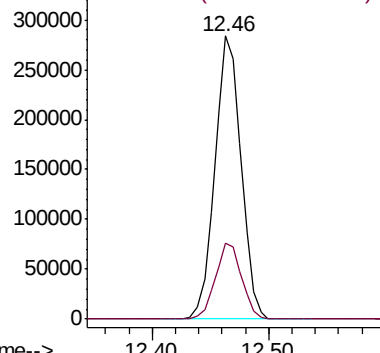
105 100

120 27.0 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 15.781 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008591.D

Acq: 11 Feb 2019 12:29

Tgt Ion: 43 Resp: 98611

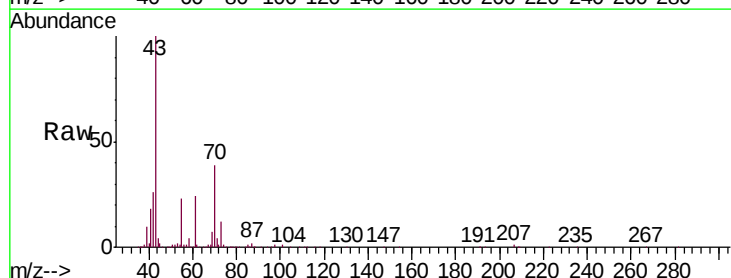
Ion Ratio Lower Upper

43 100

70 39.3 31.0 46.6

55 23.0 17.4 26.2

61 22.9 18.2 27.4

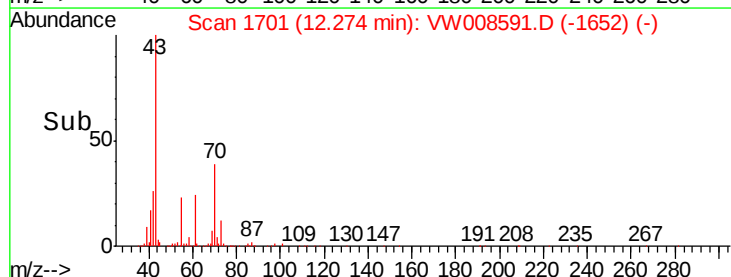
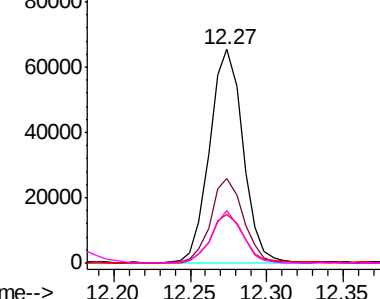


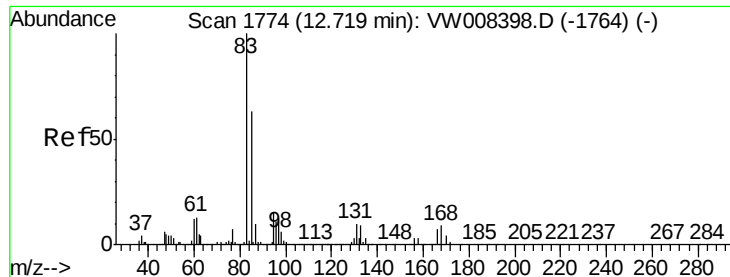
Abundance Ion 43.00 (42.70 to 43.70): VW

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





#75

1,1,2,2-Tetrachloroethane

Concen: 16.963 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008591.D

Acq: 11 Feb 2019 12:29

Instrument :

MSVOA_W

ClientSampleId :

VW0211SBS01

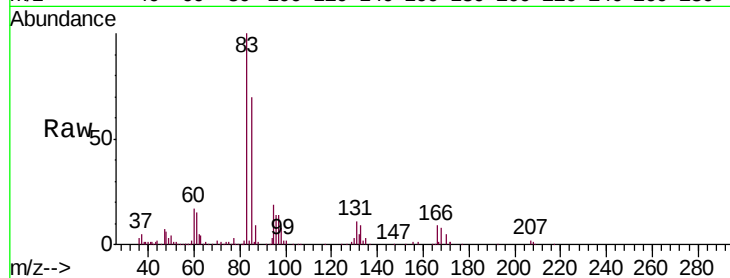
Tgt Ion: 83 Resp: 65142

Ion Ratio Lower Upper

83 100

131 11.4 5.5 16.4

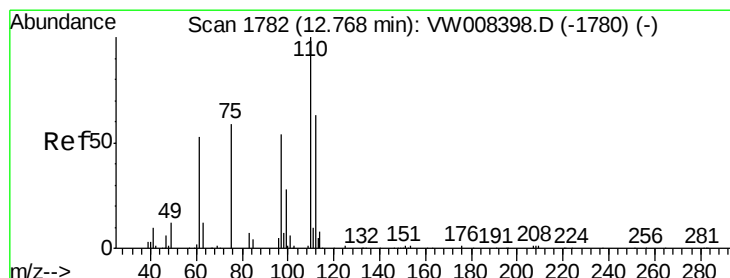
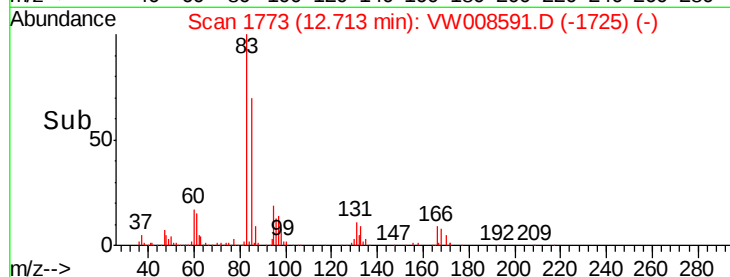
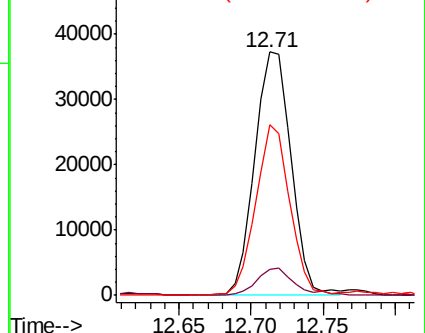
85 65.5 31.9 95.5



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: 33.157 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008591.D

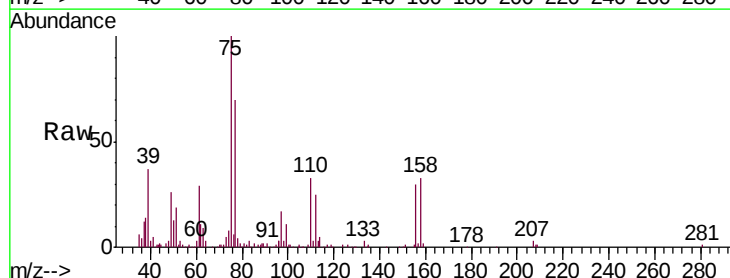
Acq: 11 Feb 2019 12:29

Tgt Ion: 75 Resp: 93795

Ion Ratio Lower Upper

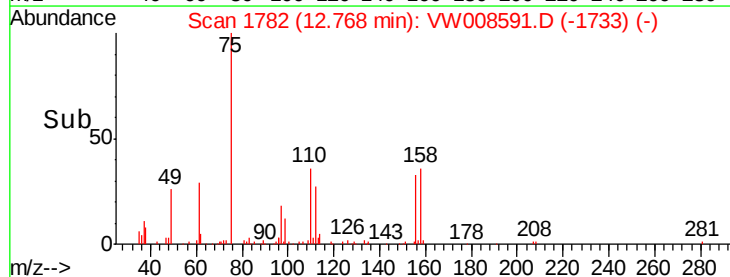
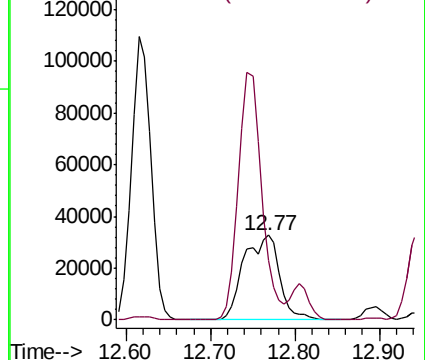
75 100

77 0.0 180.7 542.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 18.494 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008591.D

Acq: 11 Feb 2019 12:29

Instrument :

MSVOA_W

ClientSampleId :

VW0211SBS01

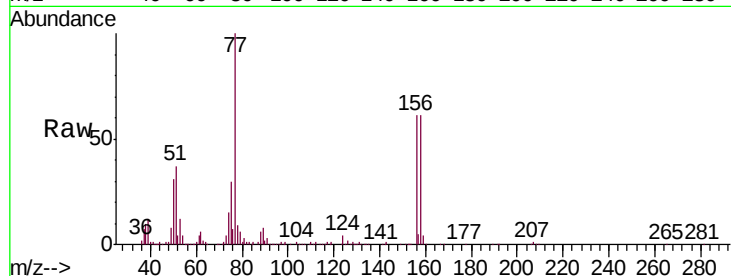
Tgt Ion: 156 Resp: 97970

Ion Ratio Lower Upper

156 100

77 183.4 96.9 290.7

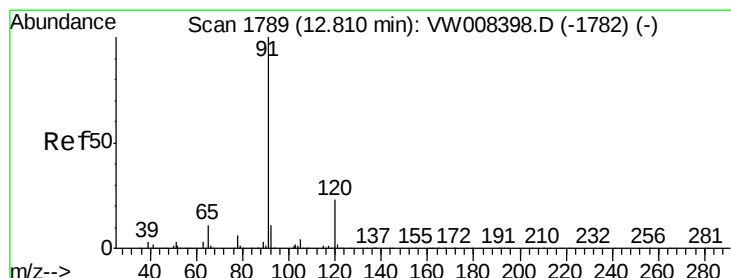
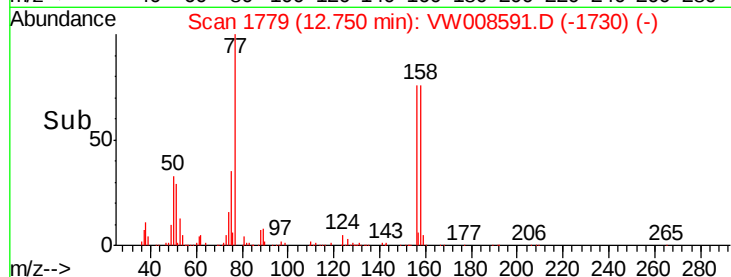
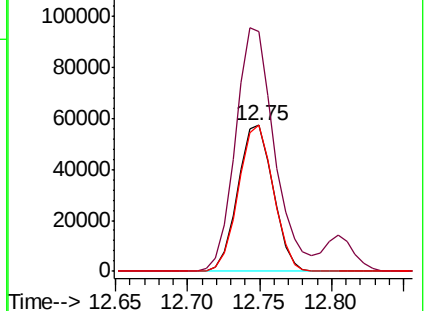
158 98.2 48.8 146.4



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: 18.156 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008591.D

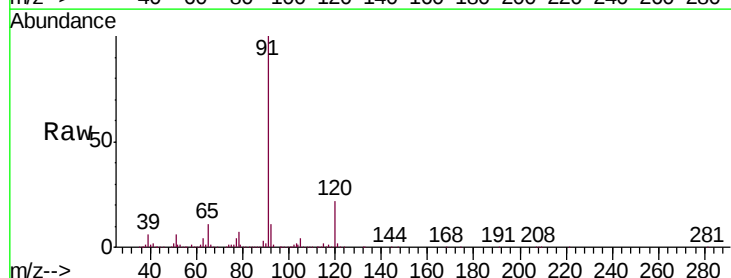
Acq: 11 Feb 2019 12:29

Tgt Ion: 91 Resp: 528932

Ion Ratio Lower Upper

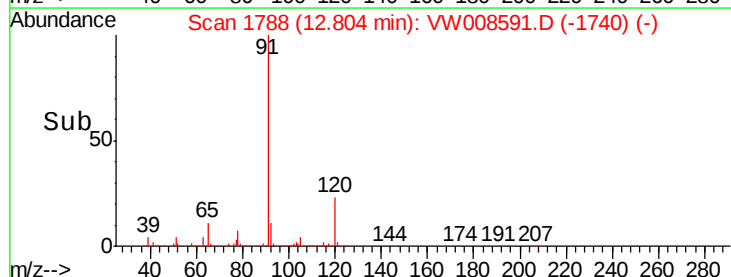
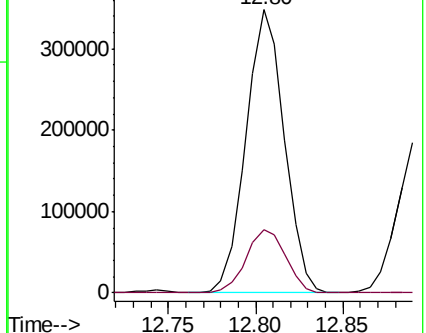
91 100

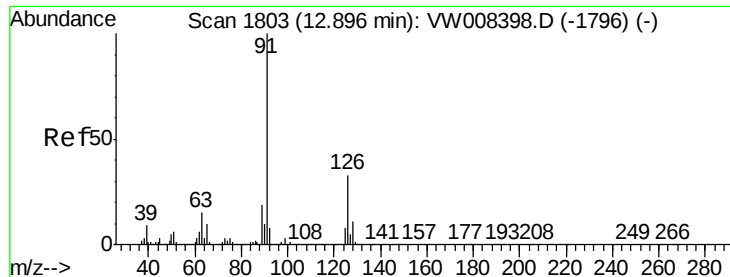
120 23.1 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.013 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW008591.D

Acq: 11 Feb 2019 12:29

Instrument :

MSVOA_W

ClientSampleId :

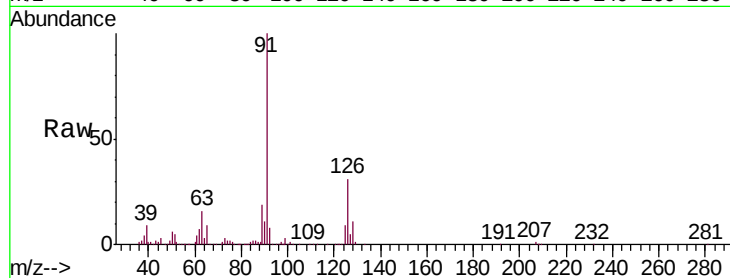
VW0211SBS01

Tgt Ion: 91 Resp: 296136

Ion Ratio Lower Upper

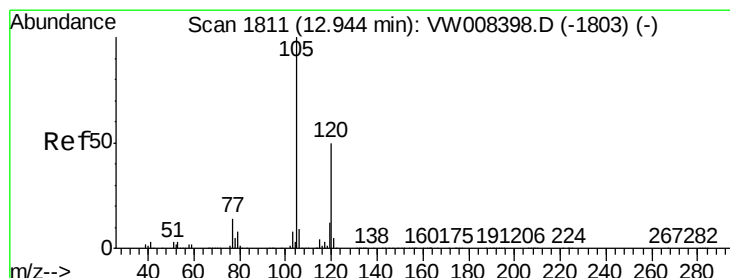
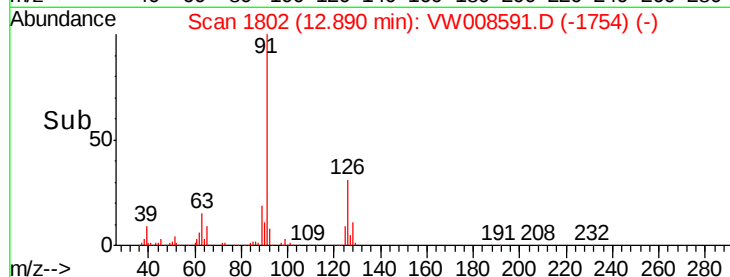
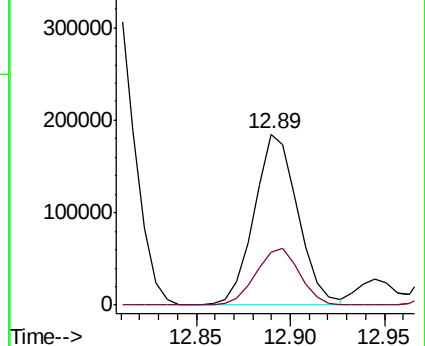
91 100

126 33.7 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.046 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008591.D

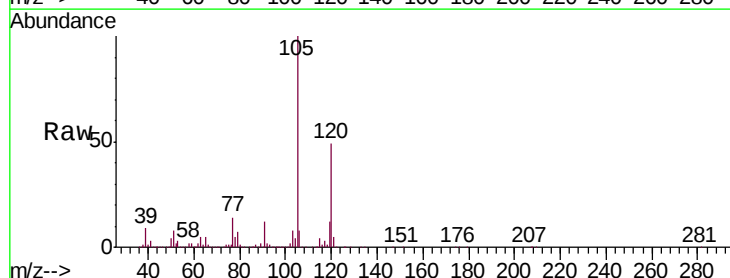
Acq: 11 Feb 2019 12:29

Tgt Ion: 105 Resp: 365865

Ion Ratio Lower Upper

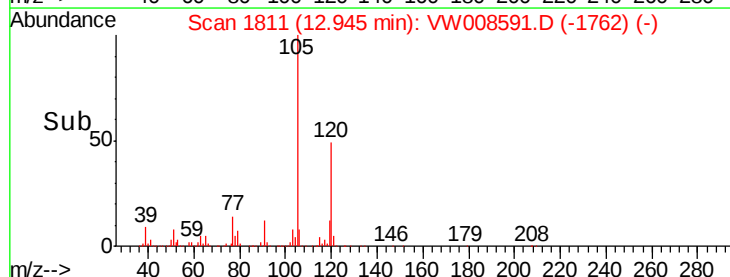
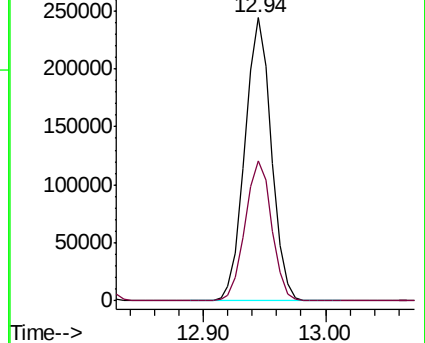
105 100

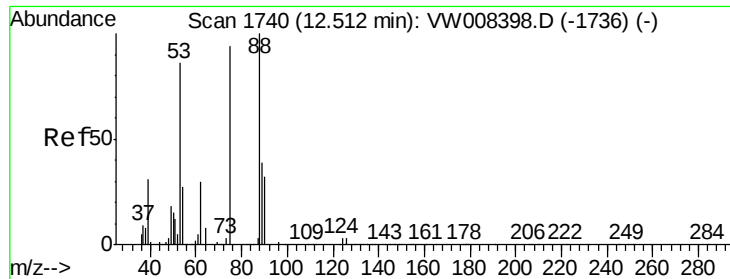
120 49.9 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 15.446 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW008591.D

Acq: 11 Feb 2019 12:29

Instrument :

MSVOA_W

ClientSampleId :

VW0211SBS01

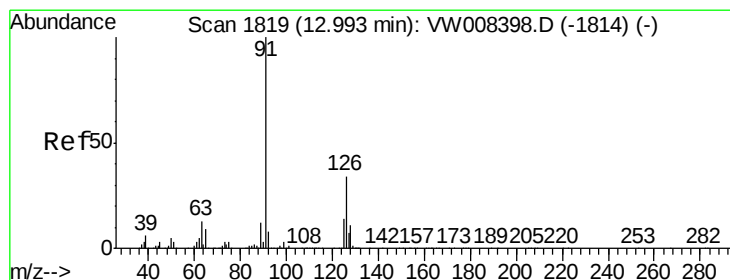
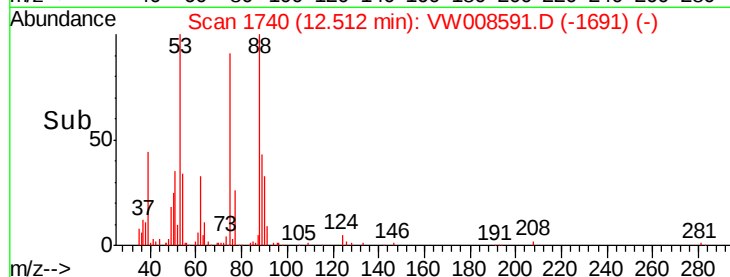
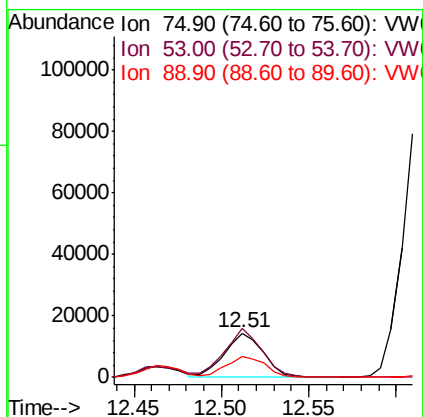
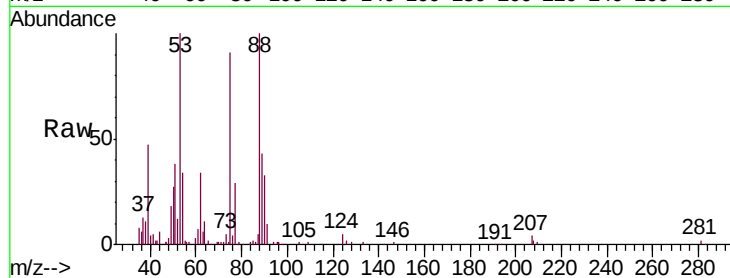
Tgt Ion: 75 Resp: 22122

Ion Ratio Lower Upper

75 100

53 106.5 76.0 114.0

89 47.7 35.4 53.0



#82

4-Chlorotoluene

Concen: 17.553 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VW008591.D

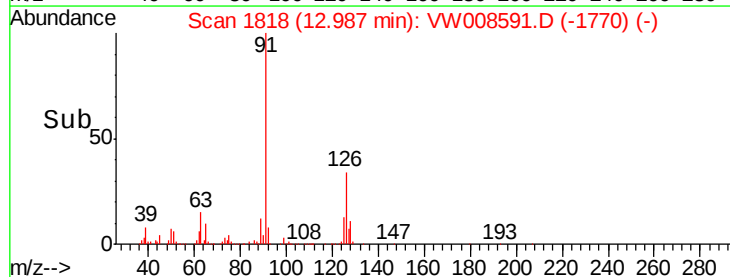
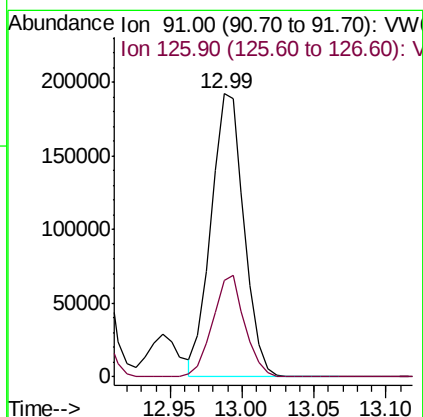
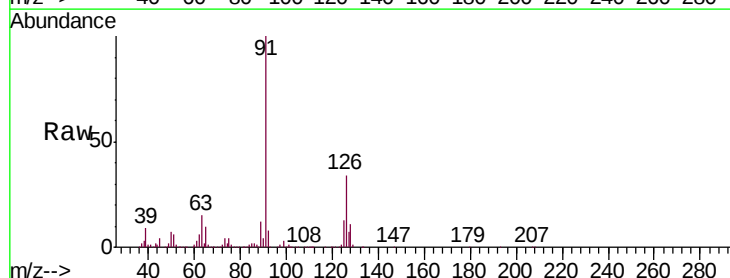
Acq: 11 Feb 2019 12:29

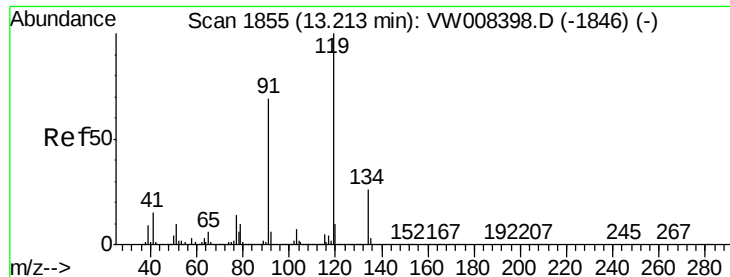
Tgt Ion: 91 Resp: 307236

Ion Ratio Lower Upper

91 100

126 34.7 16.4 49.2

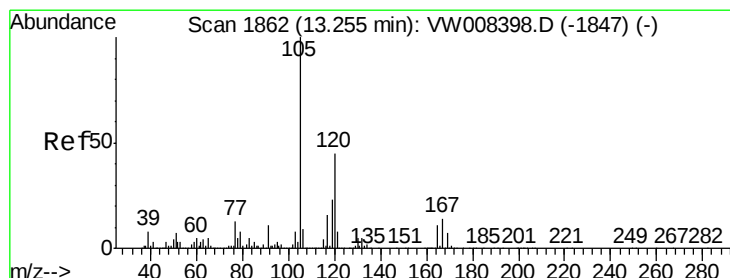
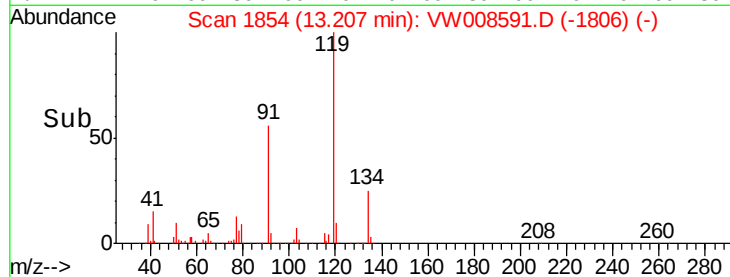
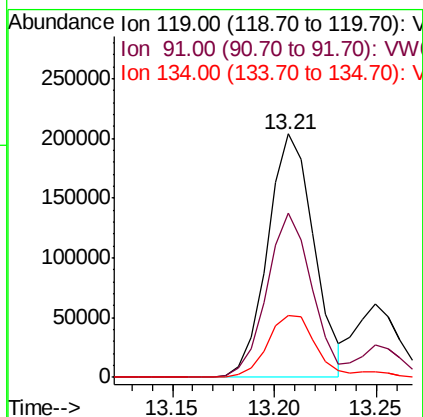
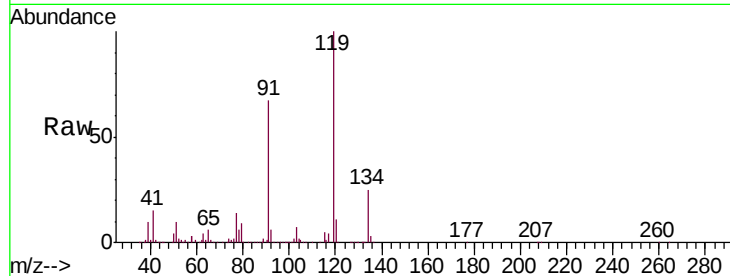




#83
tert-Butylbenzene
Concen: 17.900 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW008591.D
Acq: 11 Feb 2019 12:29

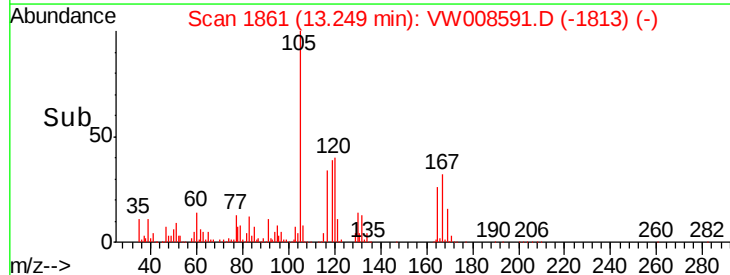
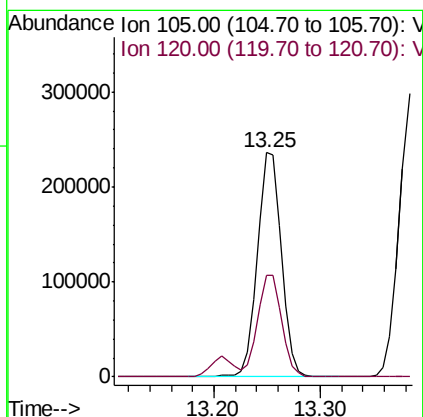
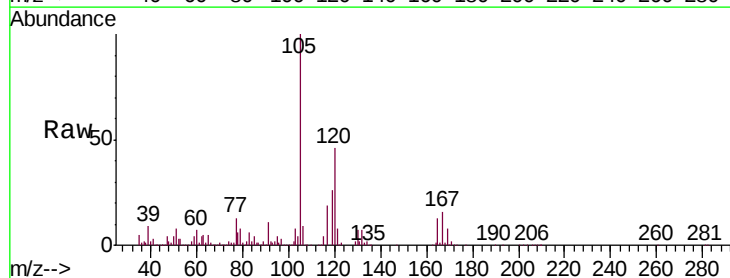
Instrument :
MSVOA_W
ClientSampleId :
VW0211SBS01

Tgt Ion:119 Resp: 322946
Ion Ratio Lower Upper
119 100
91 66.7 33.8 101.4
134 28.3 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 18.184 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VW008591.D
Acq: 11 Feb 2019 12:29

Tgt Ion:105 Resp: 374729
Ion Ratio Lower Upper
105 100
120 45.4 23.1 69.2

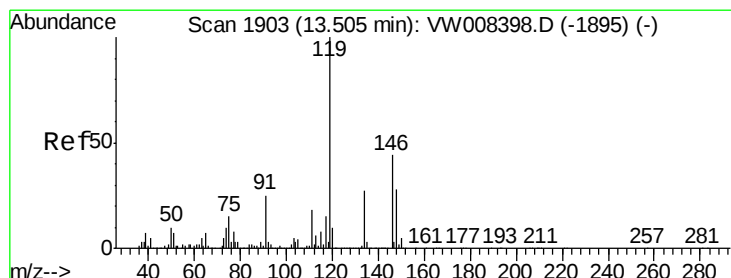
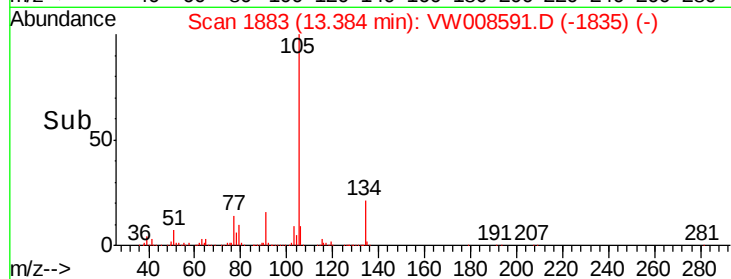
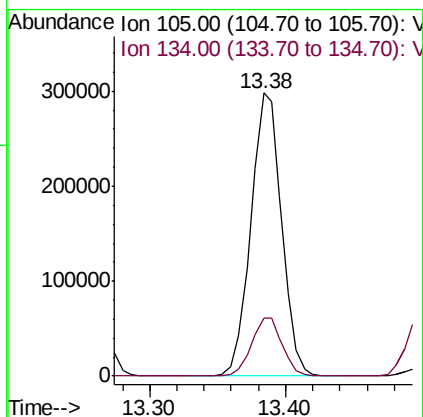
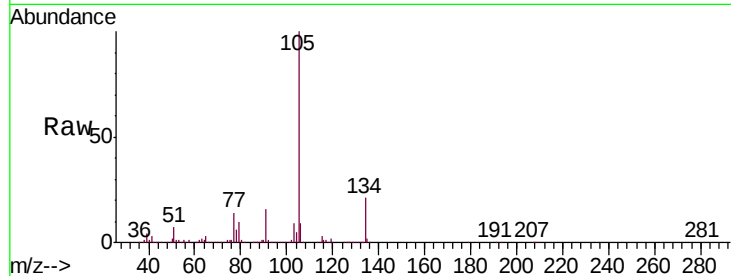




#85
 sec-Butylbenzene
 Concen: 18.233 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VW008591.D
 Acq: 11 Feb 2019 12:29

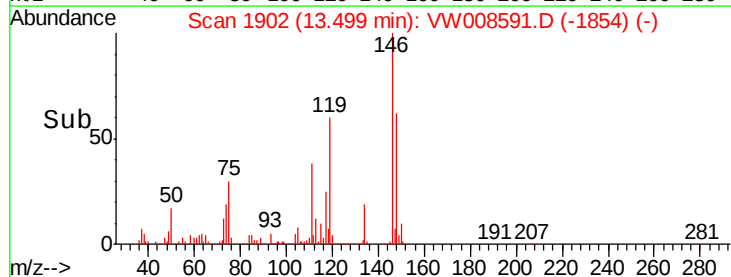
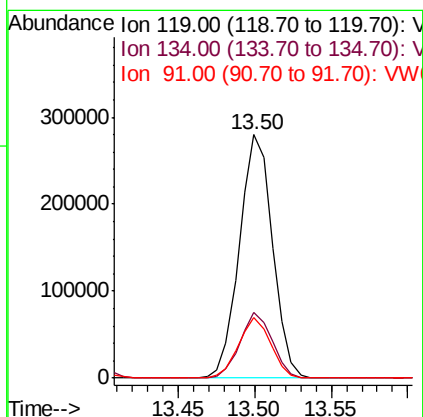
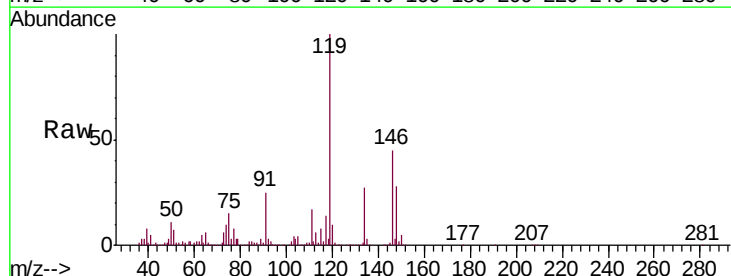
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0211SBS01

Tgt Ion:105 Resp: 469783
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 18.605 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008591.D
 Acq: 11 Feb 2019 12:29

Tgt Ion:119 Resp: 419896
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.4 40.2
 91 24.1 12.6 37.6





#87

1,3-Dichlorobenzene

Concen: 18.628 ug/l

RT: 13.50 min Scan# 1902

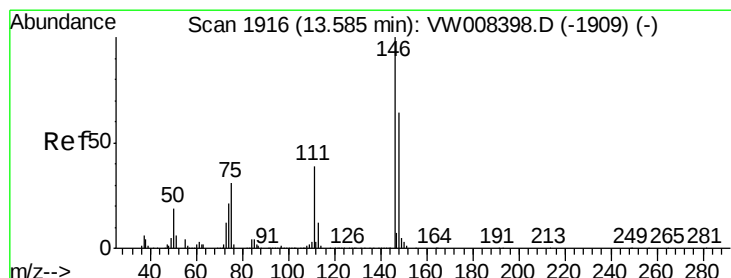
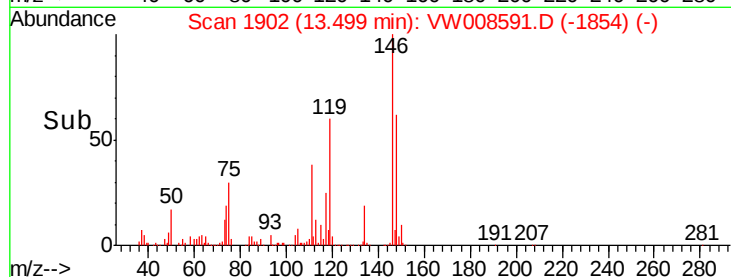
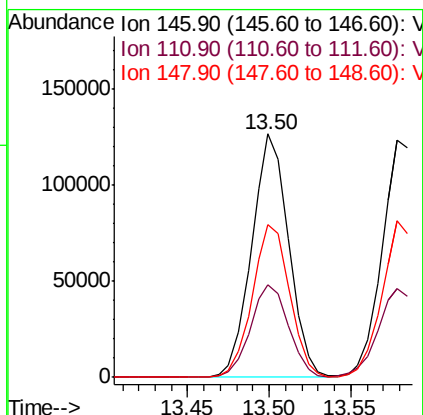
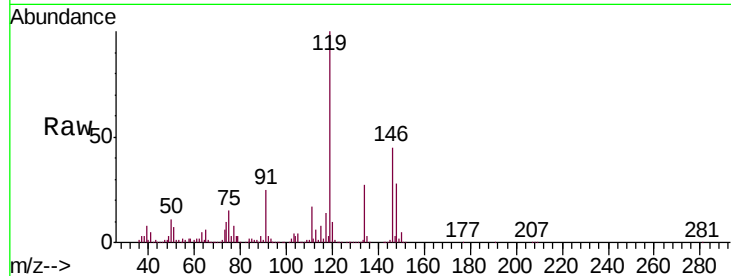
Delta R.T. -0.01 min

Lab File: VW008591.D

Acq: 11 Feb 2019 12:29

Instrument :
MSVOA_W
ClientSampleId :
VW0211SBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.3	60.9
148	63.3	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 18.534 ug/l

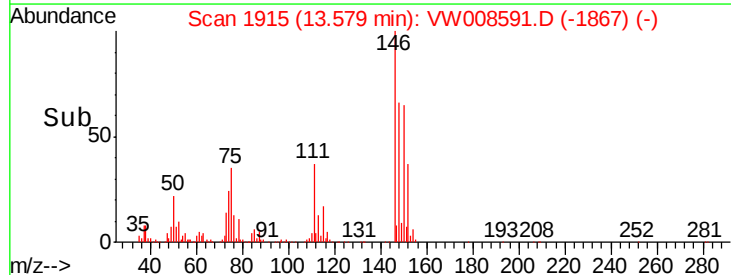
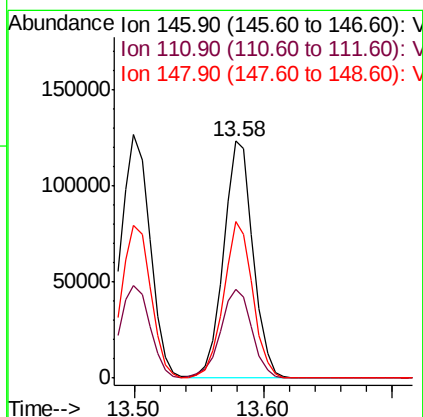
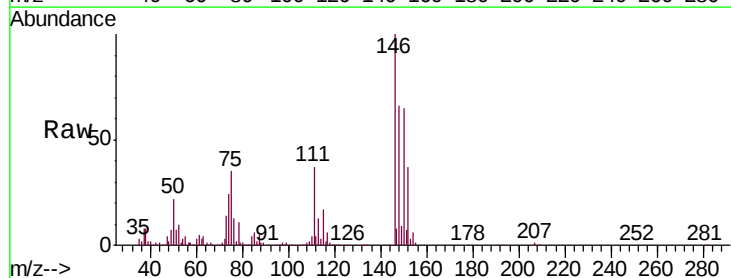
RT: 13.58 min Scan# 1915

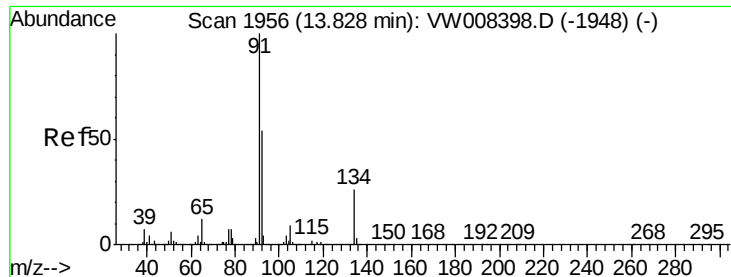
Delta R.T. -0.01 min

Lab File: VW008591.D

Acq: 11 Feb 2019 12:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.0	60.0
148	65.1	32.0	96.2





#89

n-Butylbenzene

Concen: 17.958 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008591.D

Acq: 11 Feb 2019 12:29

Instrument :

MSVOA_W

ClientSampleId :

VW0211SBS01

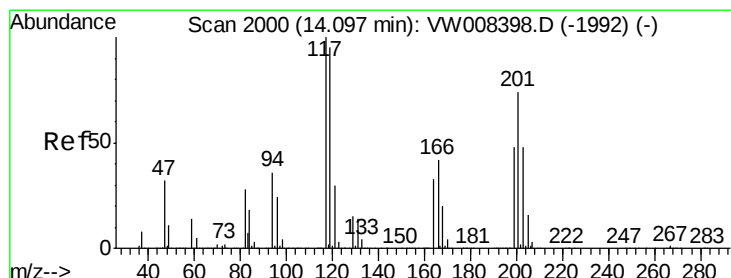
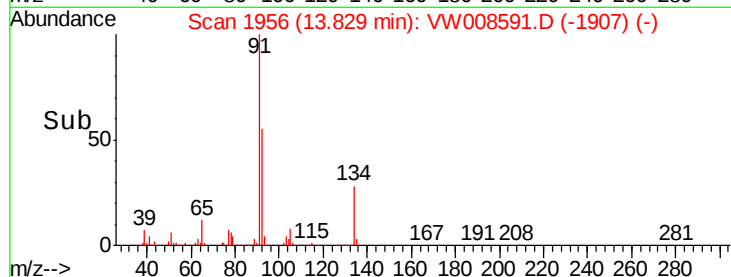
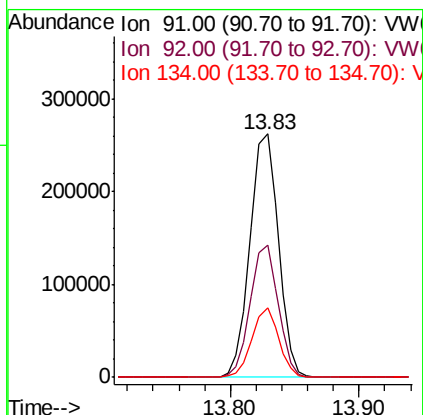
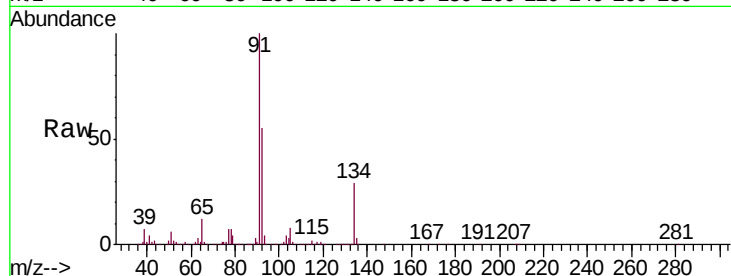
Tgt Ion: 91 Resp: 397947

Ion Ratio Lower Upper

91 100

92 53.6 27.4 82.2

134 26.9 13.0 39.0



#90

Hexachloroethane

Concen: 17.805 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008591.D

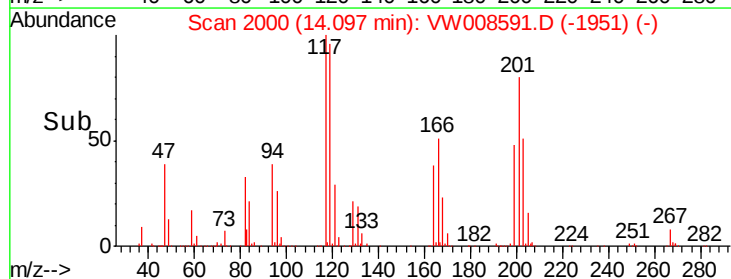
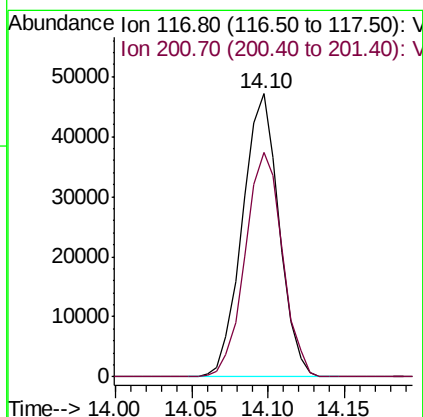
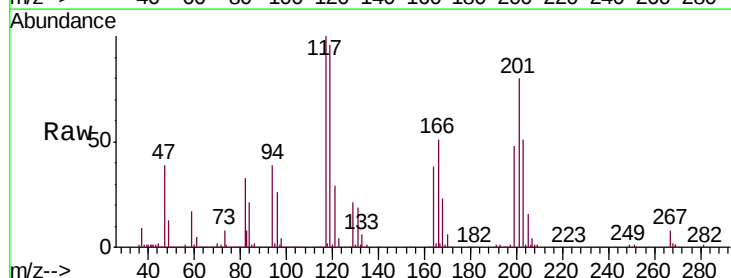
Acq: 11 Feb 2019 12:29

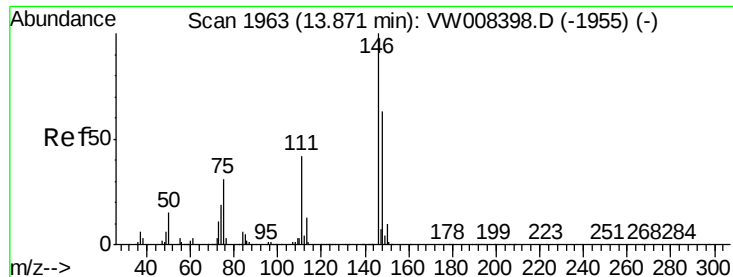
Tgt Ion: 117 Resp: 78587

Ion Ratio Lower Upper

117 100

201 80.6 39.1 117.5





#91

1,2-Dichlorobenzene

Concen: 18.310 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW008591.D

Acq: 11 Feb 2019 12:29

Instrument :

MSVOA_W

ClientSampleId :

VW0211SBS01

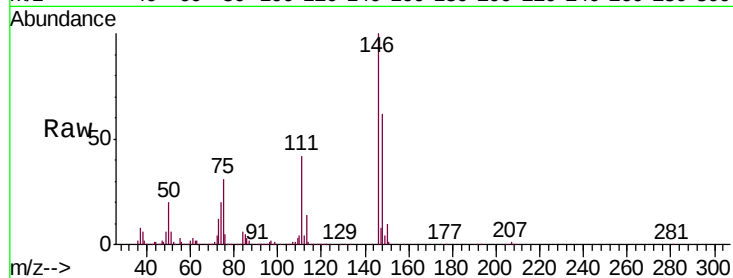
Tgt Ion:146 Resp: 173331

Ion Ratio Lower Upper

146 100

111 41.7 21.1 63.3

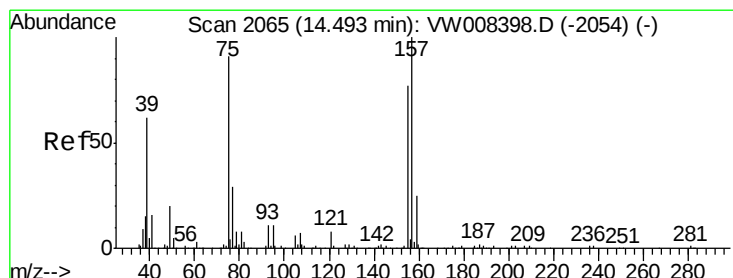
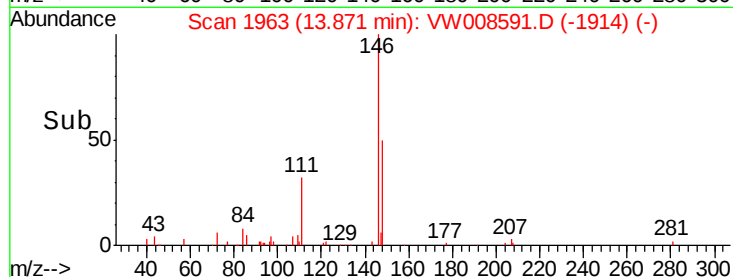
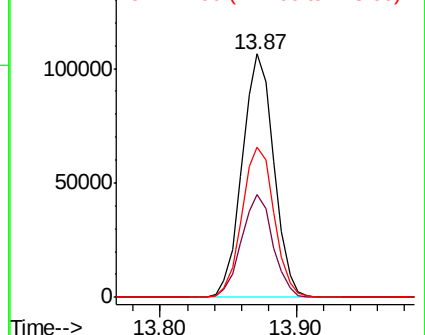
148 62.7 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.496 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.01 min

Lab File: VW008591.D

Acq: 11 Feb 2019 12:29

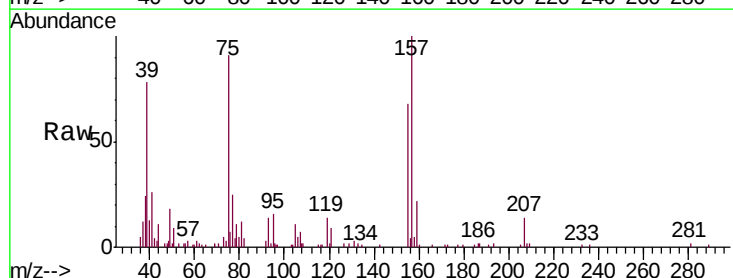
Tgt Ion: 75 Resp: 12020

Ion Ratio Lower Upper

75 100

155 73.7 42.7 128.1

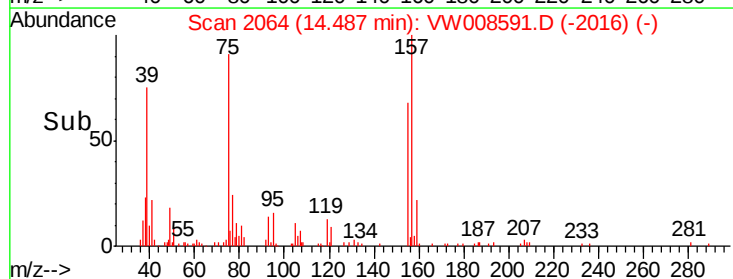
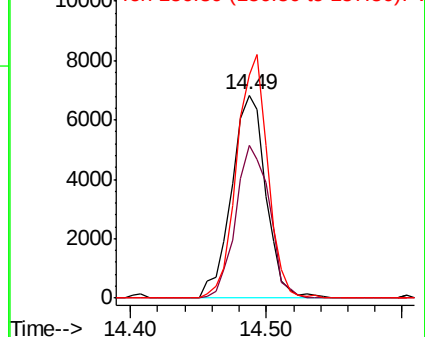
157 107.7 55.5 166.3

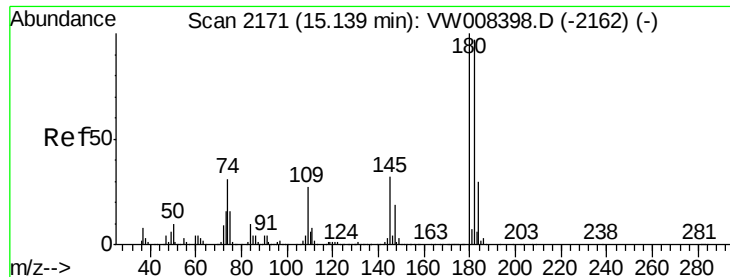


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

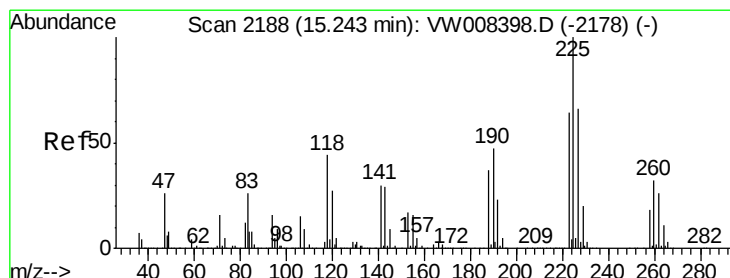
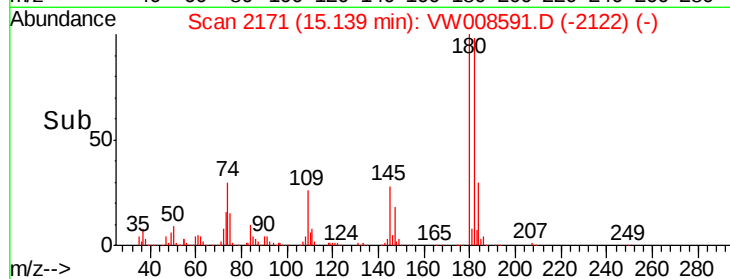
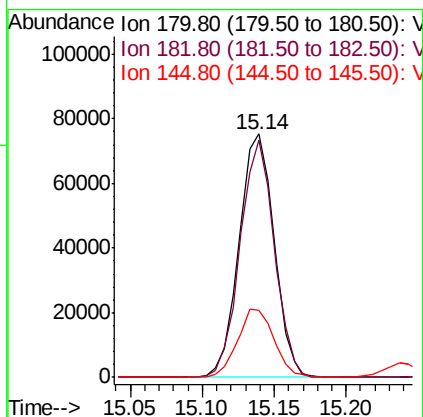
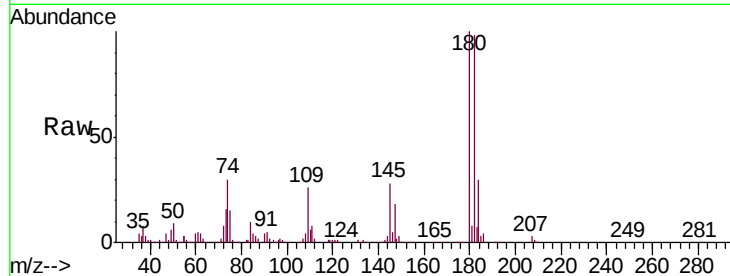




#93
 1,2,4-Trichlorobenzene
 Concen: 18.797 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008591.D
 Acq: 11 Feb 2019 12:29

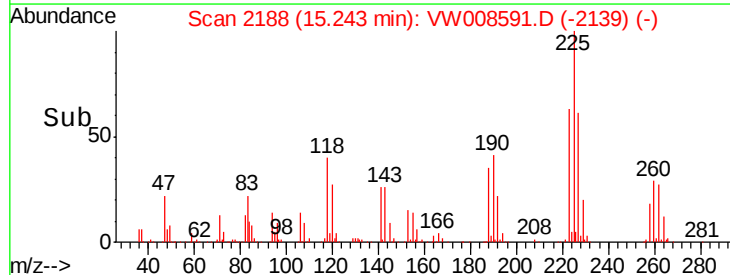
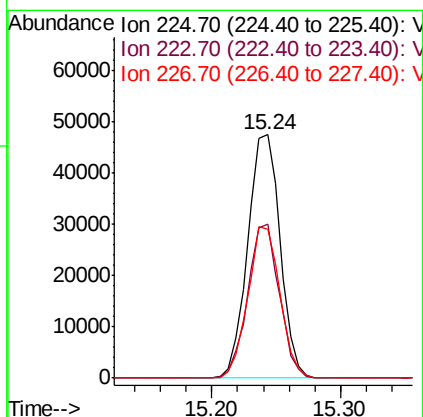
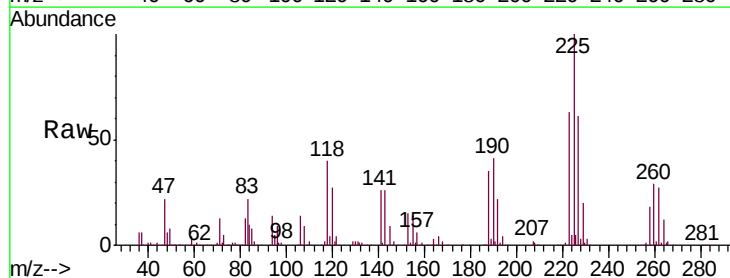
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0211SBS01

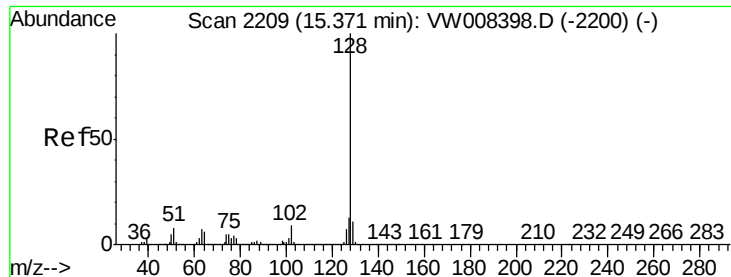
Tgt Ion:180 Resp: 126979
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.9 143.7
 145 29.1 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 20.119 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008591.D
 Acq: 11 Feb 2019 12:29

Tgt Ion:225 Resp: 81906
 Ion Ratio Lower Upper
 225 100
 223 61.4 31.7 95.1
 227 61.6 32.1 96.3

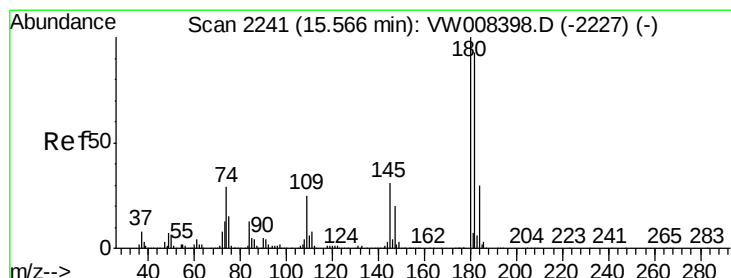
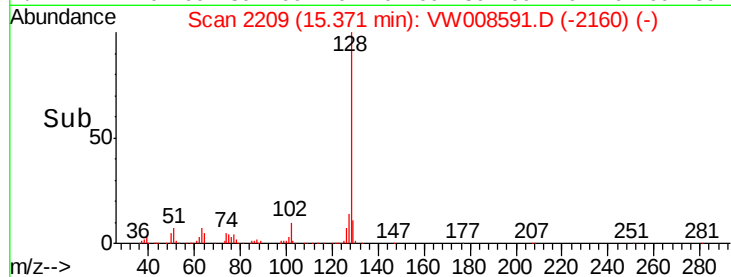
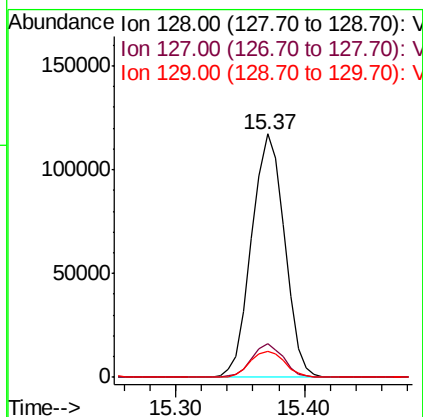
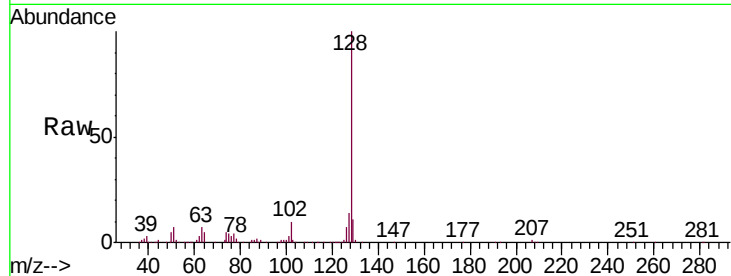




#95
Naphthalene
Concen: 17.462 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008591.D
Acq: 11 Feb 2019 12:29

Instrument :
MSVOA_W
ClientSampleId :
VW0211SBS01

Tgt Ion:128 Resp: 207121
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 11.3 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.681 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008591.D
Acq: 11 Feb 2019 12:29

Tgt Ion:180 Resp: 107047
Ion Ratio Lower Upper
180 100
182 94.5 47.0 141.2
145 32.2 15.9 47.6

