

Data File : VW008596.D
Acq On : 11 Feb 2019 14:41
Operator : SY/VA
Sample : VW0211SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0211SBS01

Quant Time: Feb 12 04:28:22 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	7.95	168	396488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	637362	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	743330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	398576	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	281215	72.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	144.40%	
35) Dibromofluoromethane	7.88	113	248444	66.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	133.32%	
50) Toluene-d8	10.32	98	1081999	72.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	144.80%	
62) 4-Bromofluorobenzene	12.62	95	565900	98.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	197.02%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.01	85	50826	23.992	ug/l	91
3) Chloromethane	2.21	50	78843	24.361	ug/l	99
4) Vinyl Chloride	2.37	62	103578	25.141	ug/l	95
5) Bromomethane	2.77	94	68044	25.606	ug/l	97
6) Chloroethane	2.92	64	66574	26.422	ug/l	99
7) Trichlorofluoromethane	3.25	101	66213	21.456	ug/l	96
8) Diethyl Ether	3.67	74	52958	26.783	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	83664	23.330	ug/l	97
10) Methyl Iodide	4.26	142	121659	21.478	ug/l	97
11) Tert butyl alcohol	5.18	59	36083	115.060	ug/l #	92
12) 1,1-Dichloroethene	4.03	96	76362	21.041	ug/l	90
13) Acrolein	3.89	56	30897	113.984	ug/l	98
14) Allyl chloride	4.65	41	145849	21.164	ug/l	94
15) Acrylonitrile	5.37	53	103601	121.340	ug/l	97
16) Acetone	4.12	43	108272	123.781	ug/l	97
17) Carbon Disulfide	4.37	76	224677	19.384	ug/l	98
18) Methyl Acetate	4.67	43	58780	25.195	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	152087	25.329	ug/l	95
20) Methylene Chloride	4.90	84	93476	23.186	ug/l	95
21) trans-1,2-Dichloroethene	5.41	96	84864	20.800	ug/l	100
22) Diisopropyl ether	6.31	45	288537	22.092	ug/l	97
23) Vinyl Acetate	6.25	43	882863	114.478	ug/l	99
24) 1,1-Dichloroethane	6.21	63	159955	21.636	ug/l	98
25) 2-Butanone	7.17	43	144136	118.635	ug/l	97
26) 2,2-Dichloropropane	7.16	77	104084	20.828	ug/l	97
27) cis-1,2-Dichloroethene	7.16	96	93810	21.097	ug/l	98
28) Bromochloromethane	7.51	49	78234	23.040	ug/l	96
29) Tetrahydrofuran	7.53	42	92278	119.855	ug/l	99
30) Chloroform	7.67	83	158741	21.830	ug/l	94
31) Cyclohexane	7.95	56	151195	19.778	ug/l #	95
32) 1,1,1-Trichloroethane	7.87	97	139551	22.219	ug/l	97
36) 1,1-Dichloropropene	8.08	75	125922	20.915	ug/l	99
37) Ethyl Acetate	7.25	43	60481	22.706	ug/l #	94
38) Carbon Tetrachloride	8.06	117	125019	20.635	ug/l	98

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	165494	20.924	ug/l	99
40) Benzene	8.32	78	344053	20.594	ug/l	99
41) Methacrylonitrile	7.48	41	38389	24.340	ug/l	98
42) 1,2-Dichloroethane	8.40	62	110255	22.773	ug/l	100
43) Isopropyl Acetate	8.43	43	131861	23.828	ug/l	100
44) Trichloroethene	9.09	130	95067	20.926	ug/l	99
45) 1,2-Dichloropropane	9.37	63	91269	21.910	ug/l	98
46) Dibromomethane	9.46	93	48589	22.679	ug/l	98
47) Bromodichloromethane	9.64	83	131289	23.168	ug/l	98
48) Methyl methacrylate	9.44	41	68811	25.430	ug/l	97
49) 1,4-Dioxane	9.46	88	16127	445.316	ug/l #	75
51) 4-Methyl-2-Pentanone	10.21	43	364889	133.468	ug/l	99
52) Toluene	10.38	92	256387	23.248	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	147084	24.392	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	153094	22.372	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	79460	26.738	ug/l	98
56) Ethyl methacrylate	10.65	69	110940	26.642	ug/l	98
57) 1,3-Dichloropropane	10.93	76	142801	26.822	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	270109	133.506	ug/l	100
59) 2-Hexanone	10.97	43	285105	147.721	ug/l	98
60) Dibromochloromethane	11.13	129	377215	98.774	ug/l #	39
61) 1,2-Dibromoethane	11.23	107	82642	28.046	ug/l	91
64) Tetrachloroethene	10.86	164	93451	18.568	ug/l	96
65) Chlorobenzene	11.66	112	318907	21.017	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	119973	22.099	ug/l	94
67) Ethyl Benzene	11.73	91	598985	21.475	ug/l	100
68) m/p-Xylenes	11.84	106	447740	41.373	ug/l	96
69) o-Xylene	12.16	106	235224	22.876	ug/l	94
70) Styrene	12.18	104	374775	22.065	ug/l	98
71) Bromoform	12.35	173	90556	29.646	ug/l	81
73) Isopropylbenzene	12.46	105	780802	26.277	ug/l	95
74) N-amyl acetate	12.27	43	164660	21.510	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.71	83	356113	75.698	ug/l #	47
76) 1,2,3-Trichloropropane	12.77	75	145005	41.844	ug/l #	1
77) Bromobenzene	12.75	156	128831	19.852	ug/l	98
78) n-propylbenzene	12.80	91	757384	21.222	ug/l	99
79) 2-Chlorotoluene	12.89	91	437472	21.722	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	576195	23.200	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.51	75	37638	21.452	ug/l #	86
82) 4-Chlorotoluene	12.99	91	450297	21.001	ug/l	97
83) tert-Butylbenzene	13.21	119	544709	24.646	ug/l	93
84) 1,2,4-Trimethylbenzene	13.25	105	535936	21.230	ug/l	98
85) sec-Butylbenzene	13.38	105	677928	21.478	ug/l	95
86) p-Isopropyltoluene	13.50	119	594515	21.503	ug/l	97
87) 1,3-Dichlorobenzene	13.50	146	278441	21.246	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	268010	20.577	ug/l	94
89) n-Butylbenzene	13.83	91	572140	21.076	ug/l	98
90) Hexachloroethane	14.10	117	113619	21.013	ug/l	91
91) 1,2-Dichlorobenzene	13.87	146	242875	20.944	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20488	22.953	ug/l	91

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

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	171125	20.679	ug/l	94
94) Hexachlorobutadiene	15.24	225	101530	20.358	ug/l	98
95) Naphthalene	15.37	128	327573	22.544	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	150166	21.392	ug/l	95

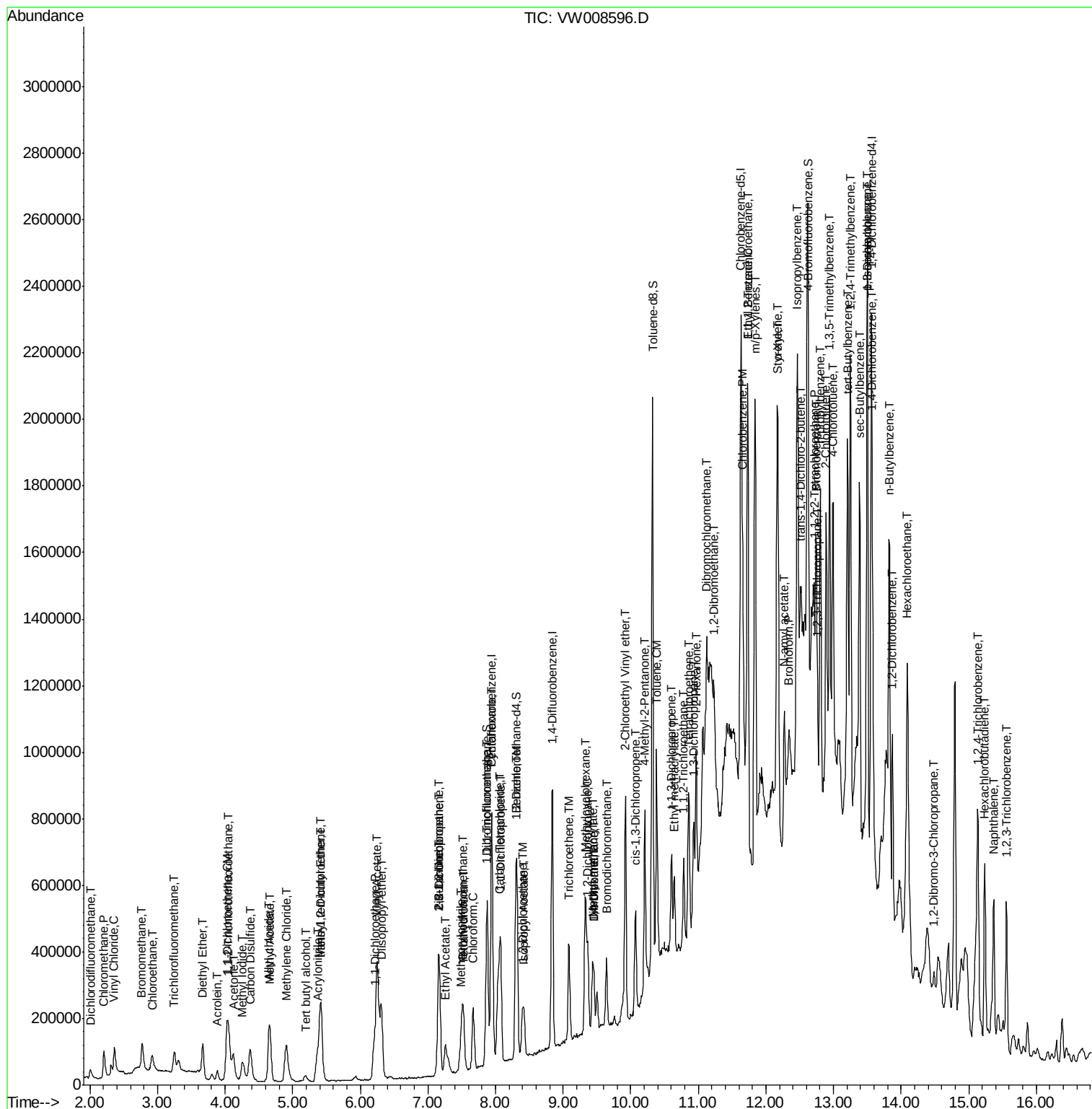
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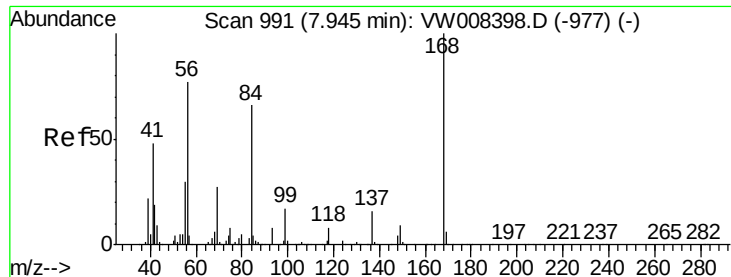
Data File : VW008596.D

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Operator     : SY/VA
Sample       : VW0211SBS01
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ALS Vial     : 9      Sample Multiplier: 1
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008596.D

Acq: 11 Feb 2019 14:41

Instrument :

MSVOA_W

ClientSampleId :

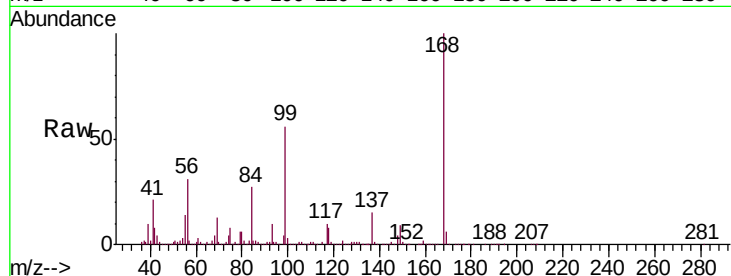
VW0211SBS01

Tgt Ion: 168 Resp: 396488

Ion Ratio Lower Upper

168 100

99 55.8 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

150000

100000

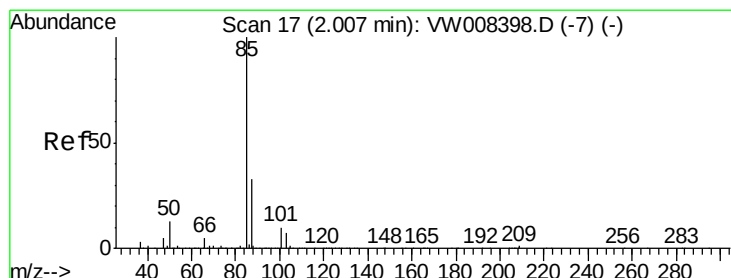
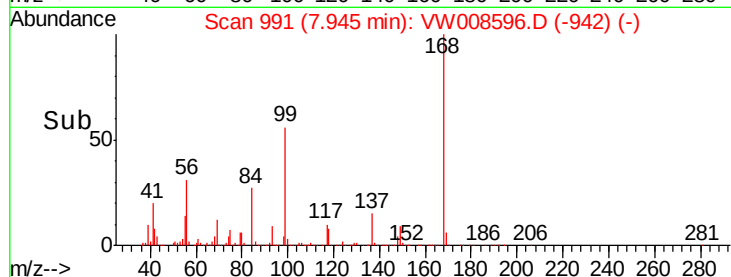
50000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 23.992 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW008596.D

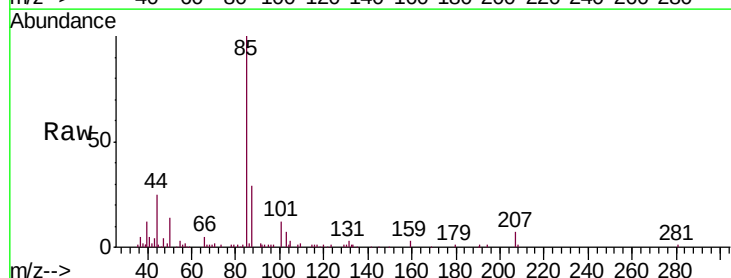
Acq: 11 Feb 2019 14:41

Tgt Ion: 85 Resp: 50826

Ion Ratio Lower Upper

85 100

87 28.6 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

15000

10000

5000

0

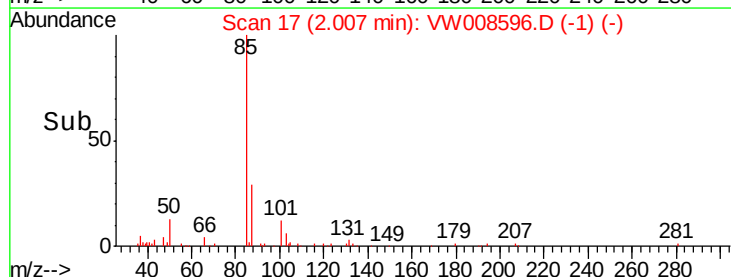
1.90

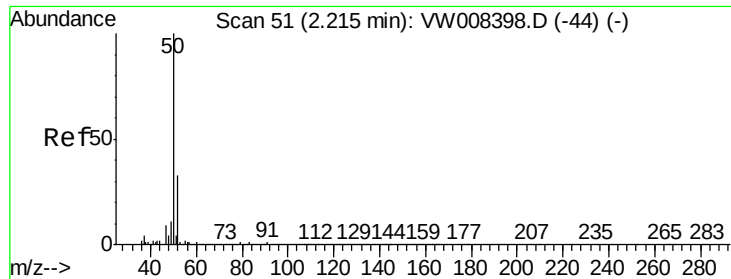
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 24.361 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW008596.D

Acq: 11 Feb 2019 14:41

Instrument :

MSVOA_W

ClientSampleId :

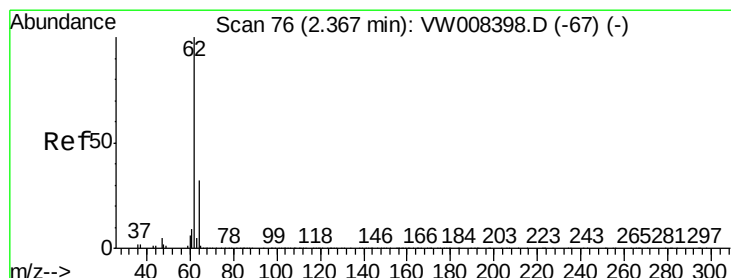
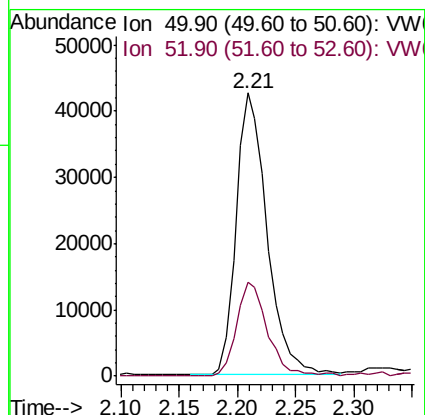
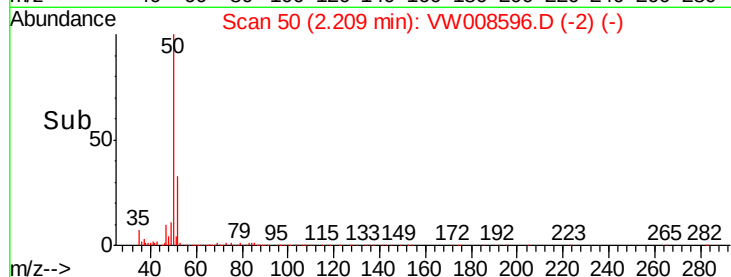
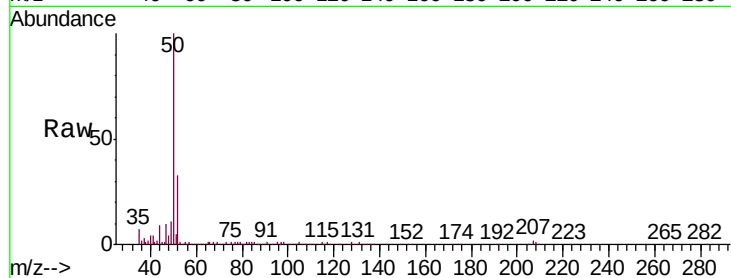
VW0211SBS01

Tgt Ion: 50 Resp: 78843

Ion Ratio Lower Upper

50 100

52 33.3 26.3 39.5



#4

Vinyl Chloride

Concen: 25.141 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW008596.D

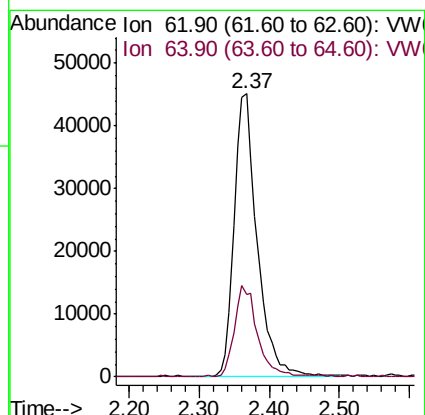
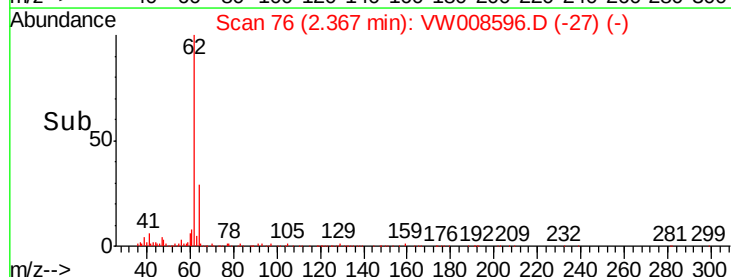
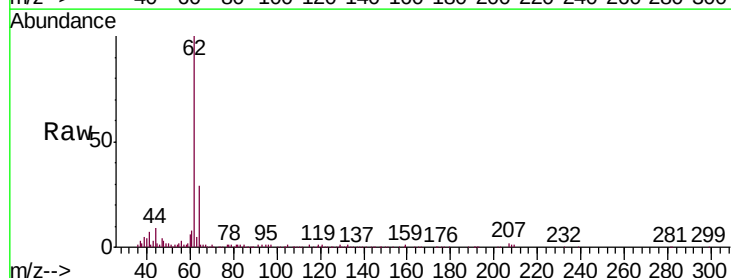
Acq: 11 Feb 2019 14:41

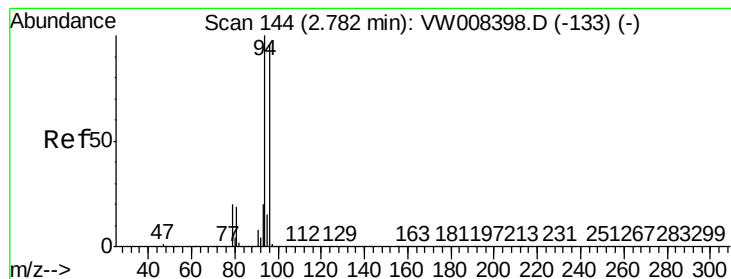
Tgt Ion: 62 Resp: 103578

Ion Ratio Lower Upper

62 100

64 29.1 25.5 38.3





#5

Bromomethane

Concen: 25.606 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW008596.D

Acq: 11 Feb 2019 14:41

Instrument :

MSVOA_W

ClientSampleId :

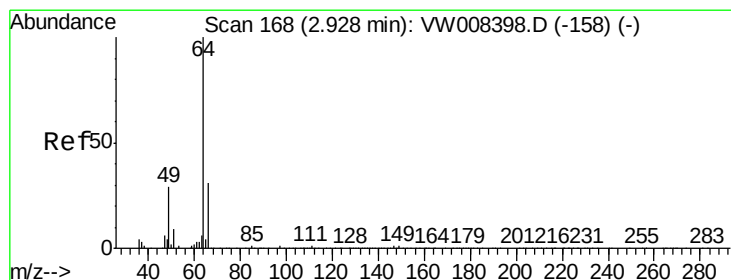
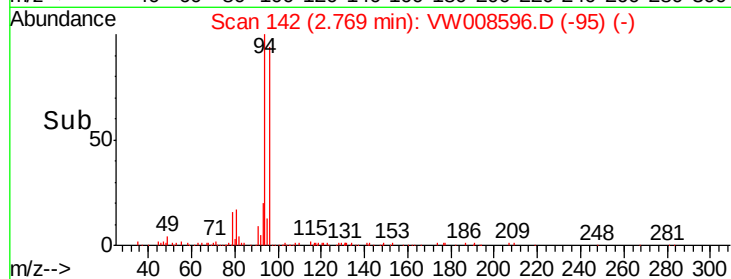
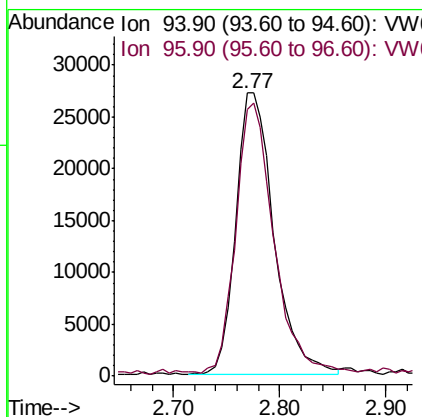
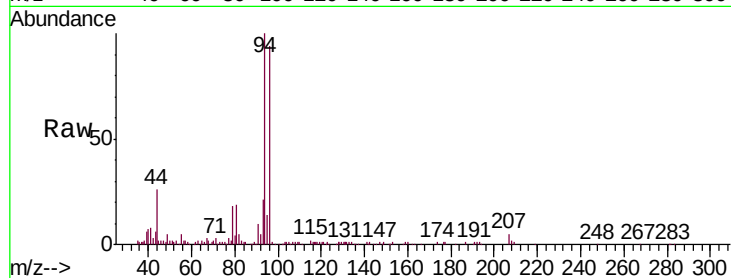
VW0211SBS01

Tgt Ion: 94 Resp: 68044

Ion Ratio Lower Upper

94 100

96 93.7 77.2 115.8



#6

Chloroethane

Concen: 26.422 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008596.D

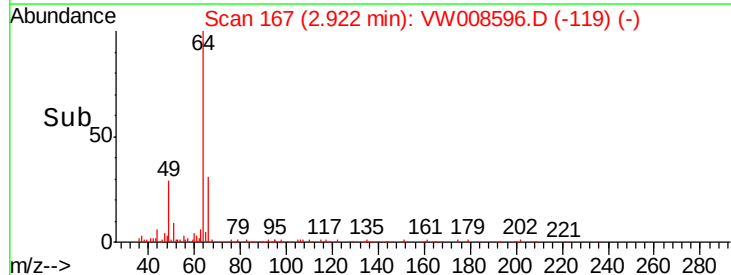
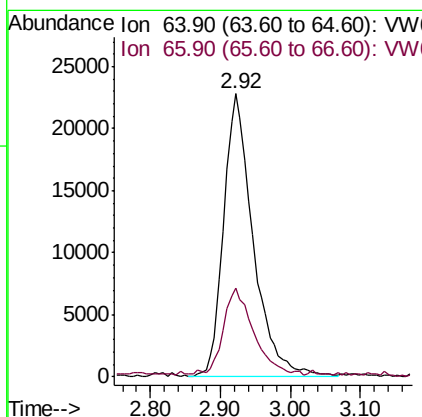
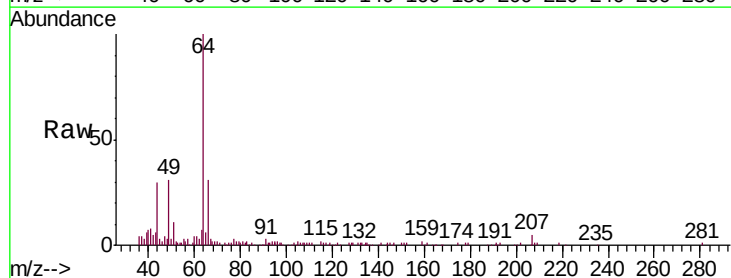
Acq: 11 Feb 2019 14:41

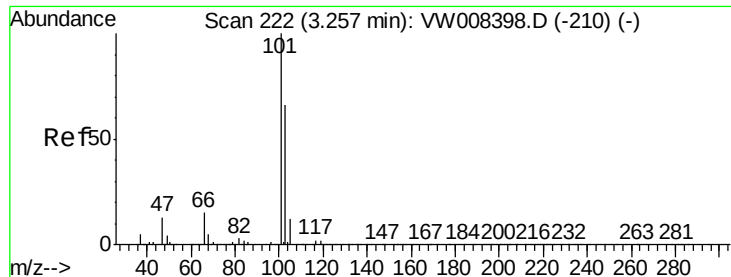
Tgt Ion: 64 Resp: 66574

Ion Ratio Lower Upper

64 100

66 30.3 24.9 37.3



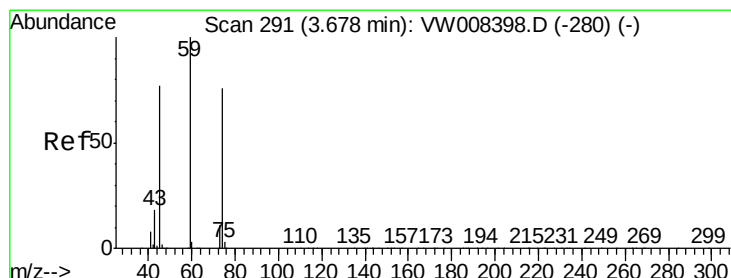
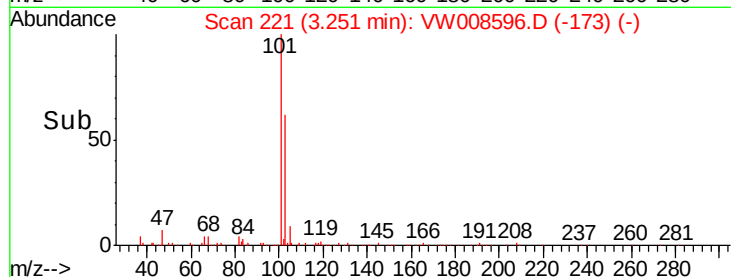
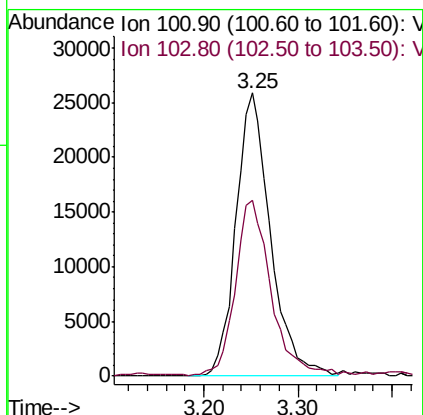
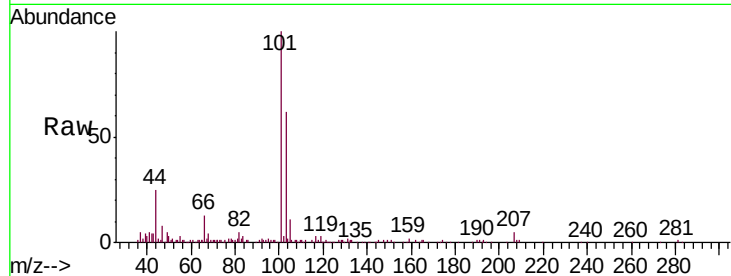


#7

Trichlorofluoromethane
 Concen: 21.456 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW008596.D
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 MSVOA_W
 ClientSampleId :
 VW0211SBS01

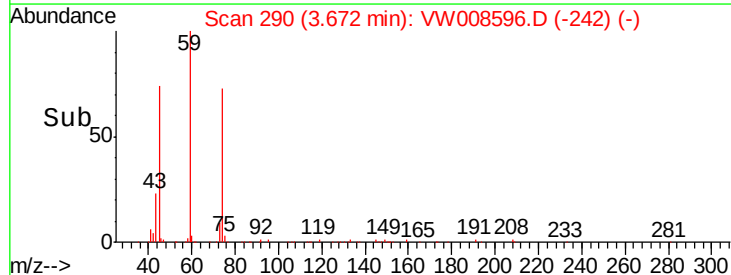
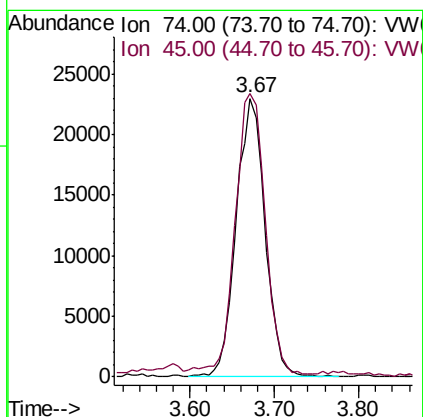
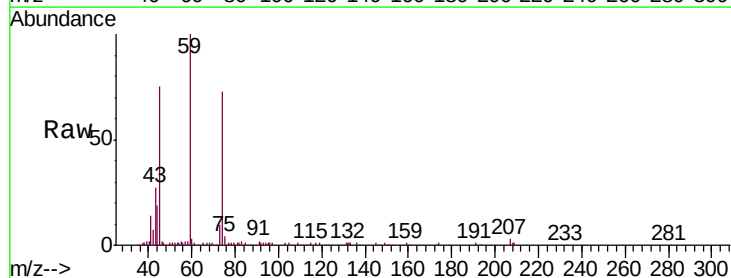
Tgt Ion: 101 Resp: 66213
 Ion Ratio Lower Upper
 101 100
 103 62.0 52.5 78.7

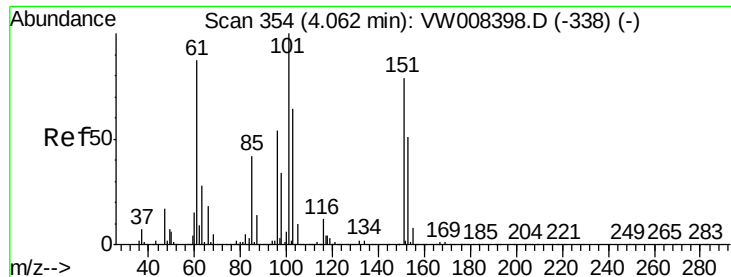


#8

Diethyl Ether
 Concen: 26.783 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW008596.D
 Acq: 11 Feb 2019 14:41

Tgt Ion: 74 Resp: 52958
 Ion Ratio Lower Upper
 74 100
 45 104.6 51.7 155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.330 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW008596.D

Acq: 11 Feb 2019 14:41

Instrument :

MSVOA_W

ClientSampleId :

VW0211SBS01

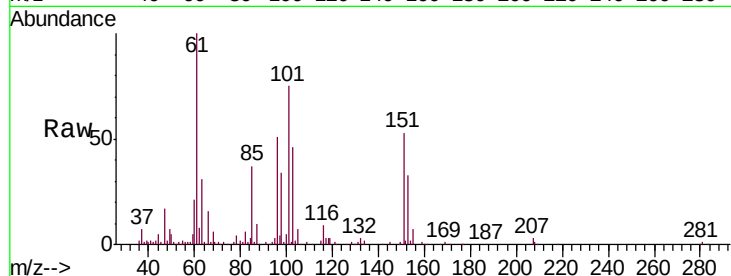
Tgt Ion:101 Resp: 83664

Ion Ratio Lower Upper

101 100

85 46.2 35.0 52.4

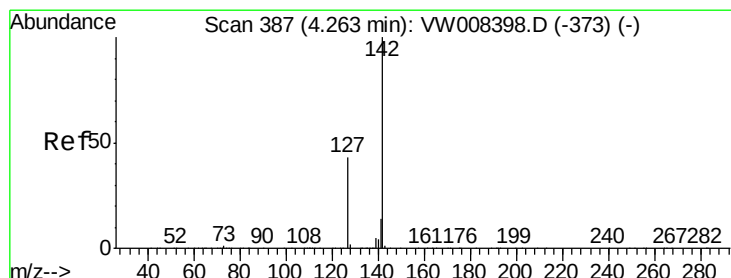
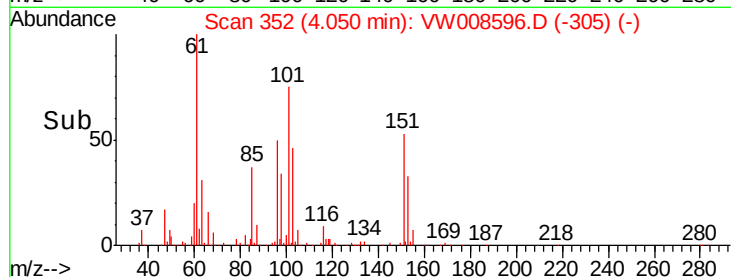
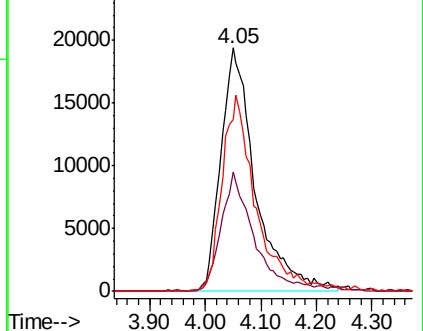
151 76.5 62.6 94.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.478 ug/l

RT: 4.26 min Scan# 386

Delta R.T. -0.01 min

Lab File: VW008596.D

Acq: 11 Feb 2019 14:41

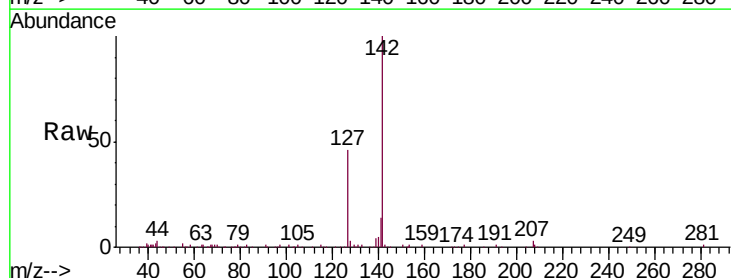
Tgt Ion:142 Resp: 121659

Ion Ratio Lower Upper

142 100

127 46.0 34.6 52.0

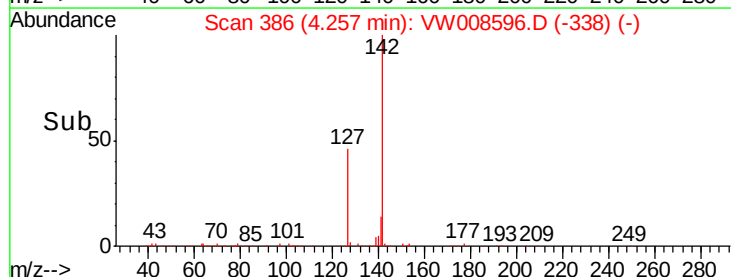
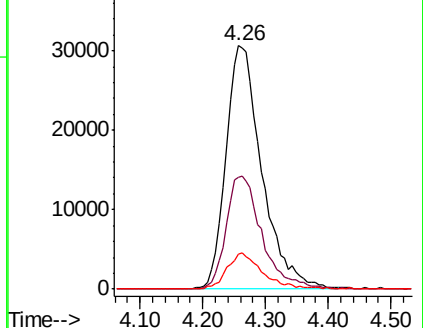
141 14.7 11.4 17.2

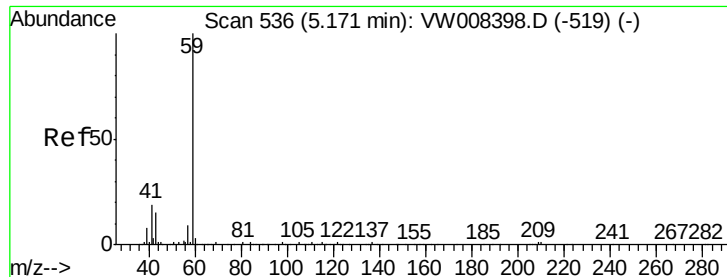


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

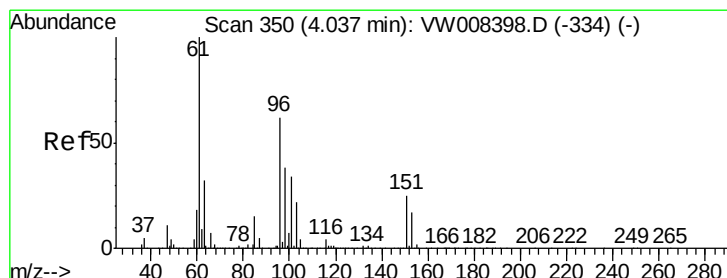
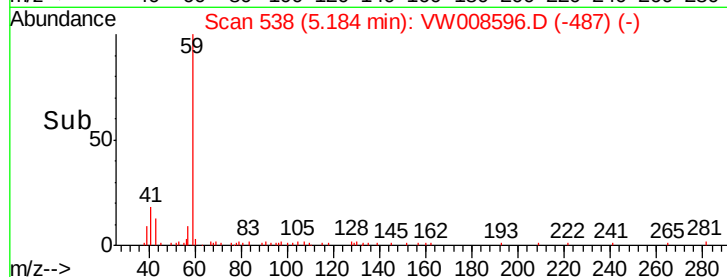
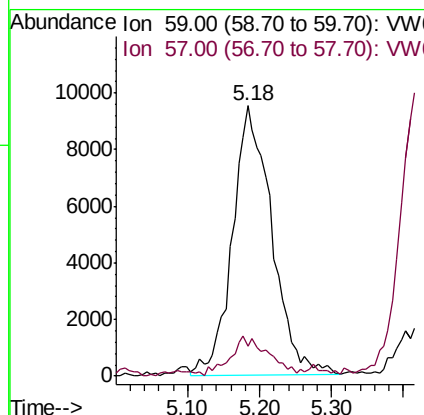
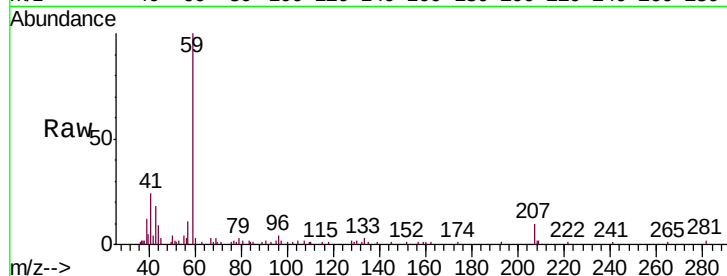




#11
Tert butyl alcohol
Concen: 115.060 ug/l
RT: 5.18 min Scan# 538
Delta R.T. 0.01 min
Lab File: VW008596.D
Acq: 11 Feb 2019 14:41

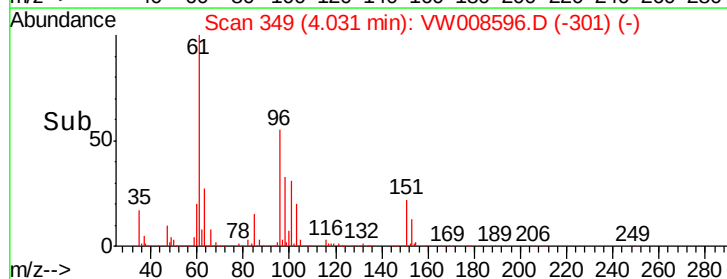
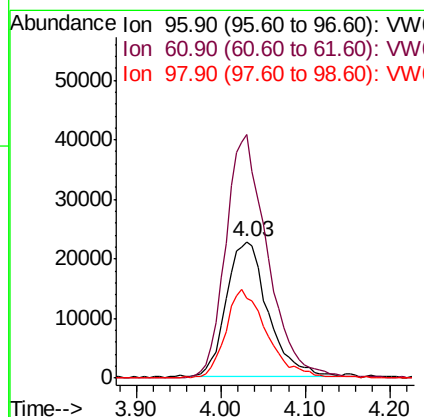
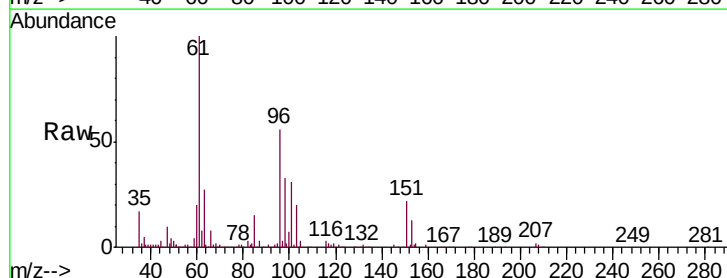
Instrument :
MSVOA_W
ClientSampleId :
VW0211SBS01

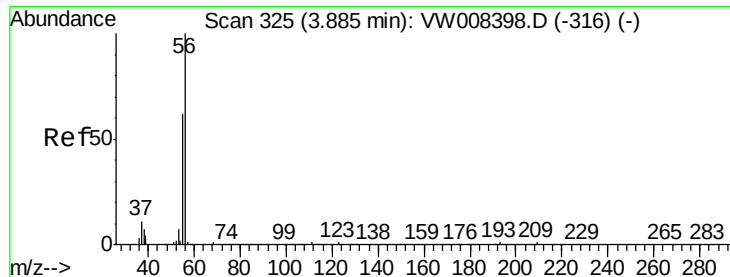
Tgt Ion: 59 Resp: 36083
Ion Ratio Lower Upper
59 100
57 14.7 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 21.041 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW008596.D
Acq: 11 Feb 2019 14:41

Tgt Ion: 96 Resp: 76362
Ion Ratio Lower Upper
96 100
61 179.1 129.5 194.3
98 58.8 48.6 73.0





#13

Acrolein

Concen: 113.984 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW008596.D

Acq: 11 Feb 2019 14:41

Instrument :

MSVOA_W

ClientSampleId :

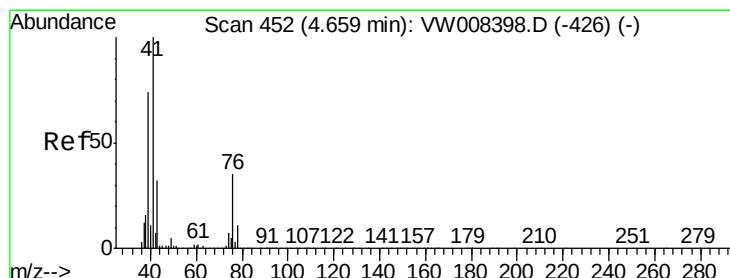
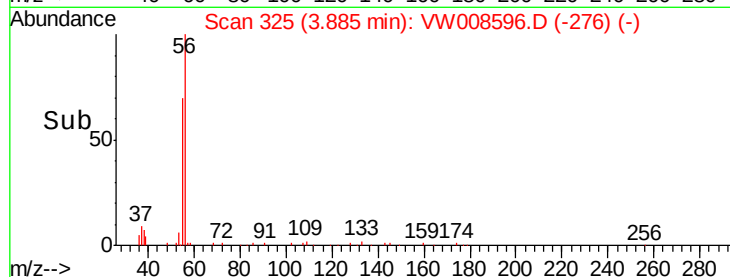
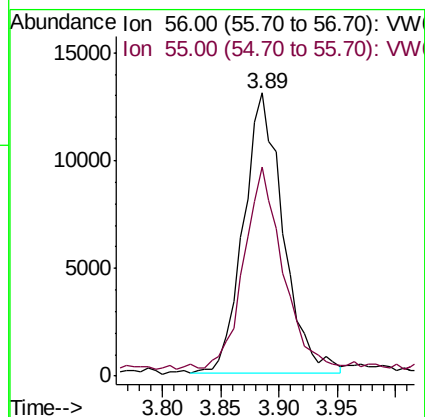
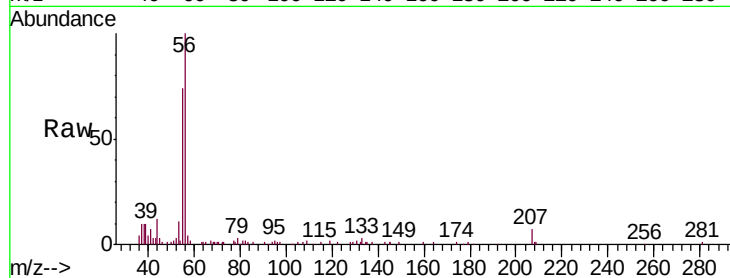
VW0211SBS01

Tgt Ion: 56 Resp: 30897

Ion Ratio Lower Upper

56 100

55 69.3 56.7 85.1



#14

Allyl chloride

Concen: 21.164 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.01 min

Lab File: VW008596.D

Acq: 11 Feb 2019 14:41

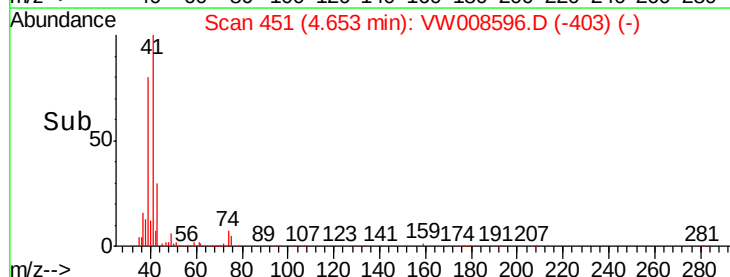
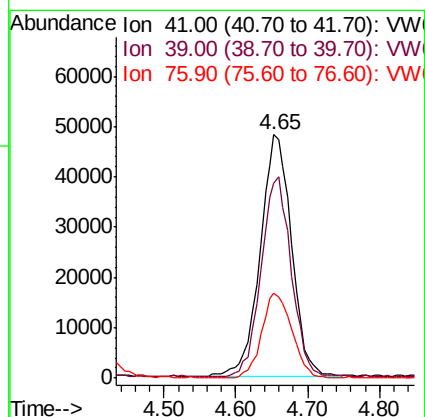
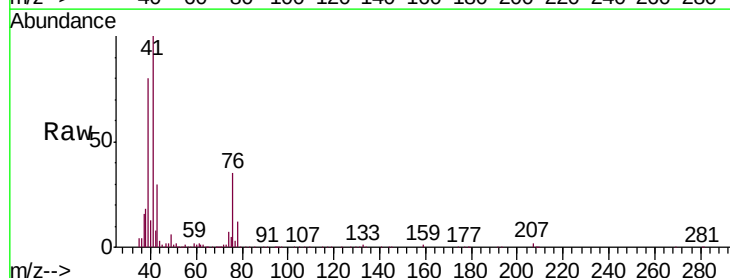
Tgt Ion: 41 Resp: 145849

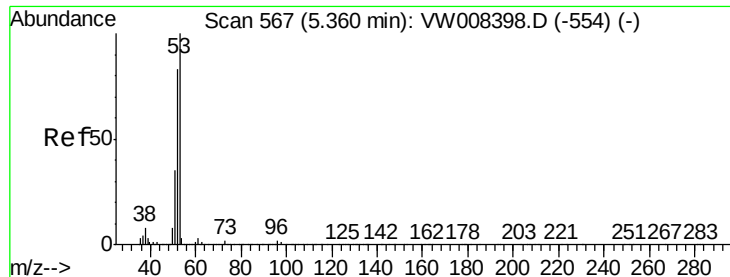
Ion Ratio Lower Upper

41 100

39 79.3 57.7 86.5

76 33.5 26.9 40.3





#15

Acrylonitrile

Concen: 121.340 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW008596.D

Acq: 11 Feb 2019 14:41

Instrument :

MSVOA_W

ClientSampleId :

VW0211SBS01

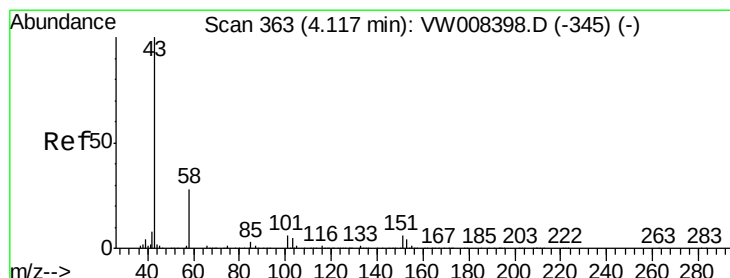
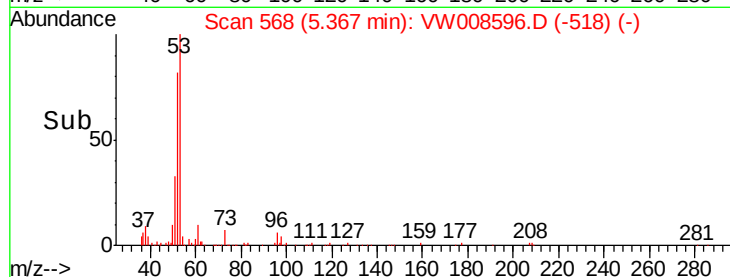
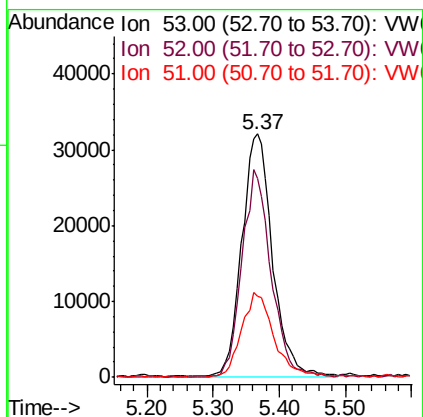
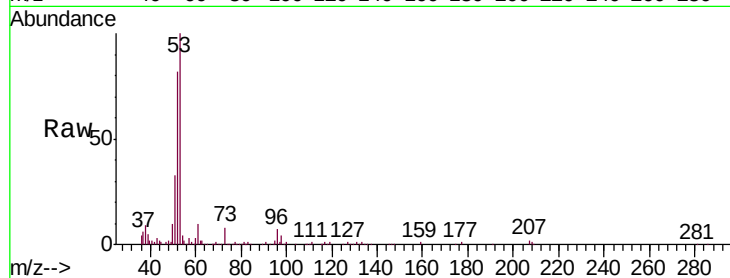
Tgt Ion: 53 Resp: 103601

Ion Ratio Lower Upper

53 100

52 81.0 67.0 100.4

51 35.7 29.8 44.8



#16

Acetone

Concen: 123.781 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008596.D

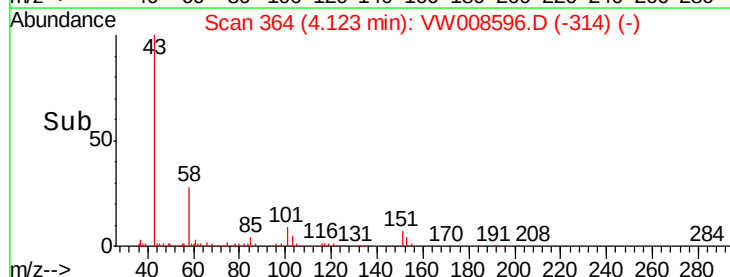
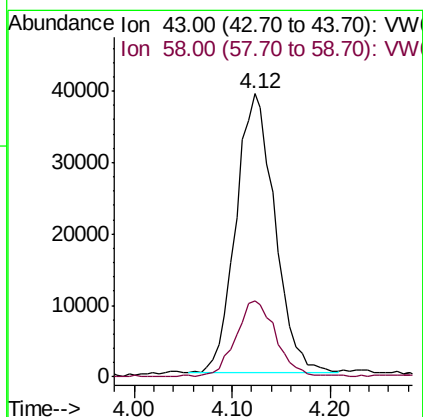
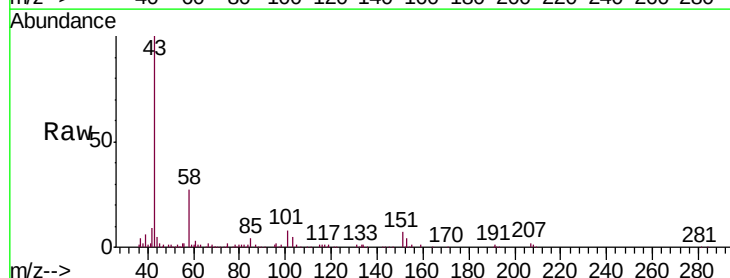
Acq: 11 Feb 2019 14:41

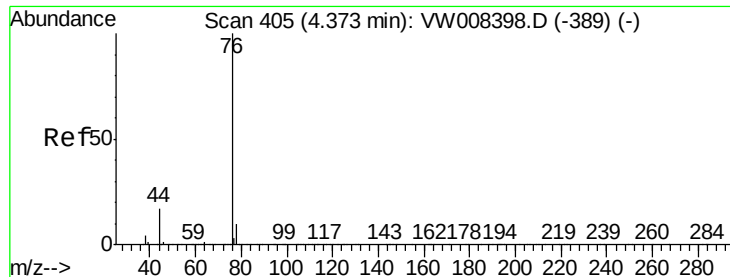
Tgt Ion: 43 Resp: 108272

Ion Ratio Lower Upper

43 100

58 26.7 22.6 34.0





#17

Carbon Disulfide

Concen: 19.384 ug/l

RT: 4.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW008596.D

Acq: 11 Feb 2019 14:41

Instrument :

MSVOA_W

ClientSampleId :

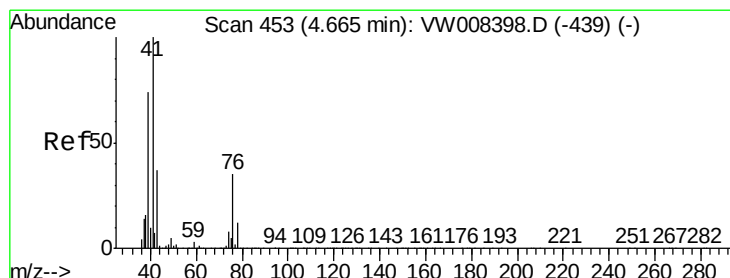
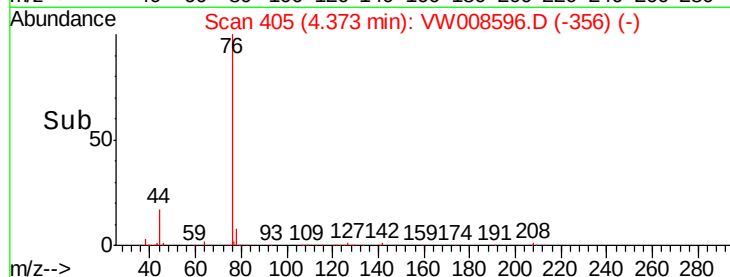
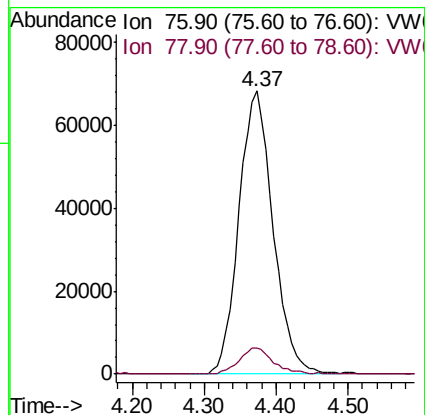
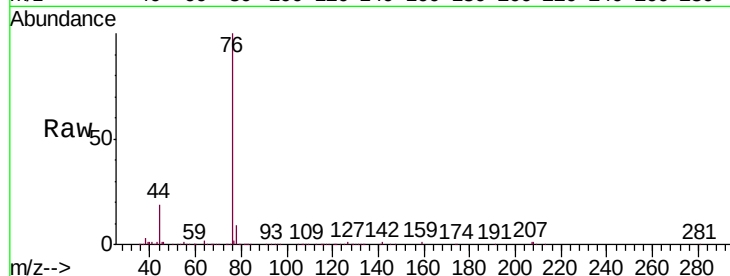
VW0211SBS01

Tgt Ion: 76 Resp: 224677

Ion Ratio Lower Upper

76 100

78 8.9 7.7 11.5



#18

Methyl Acetate

Concen: 25.195 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW008596.D

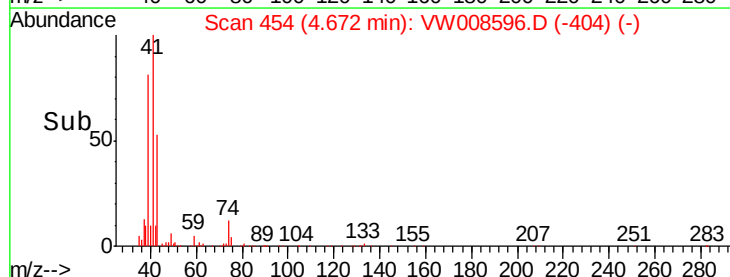
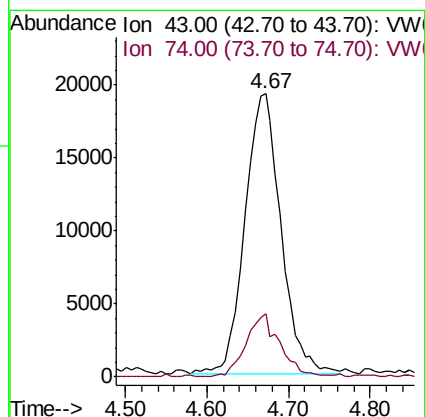
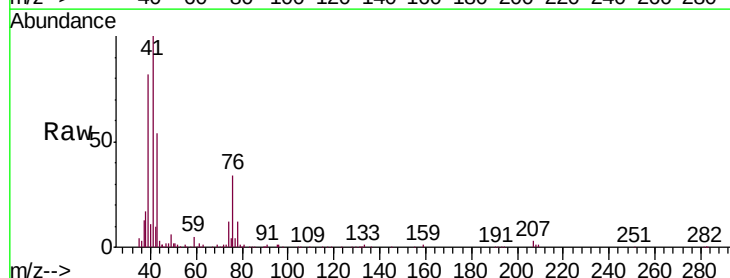
Acq: 11 Feb 2019 14:41

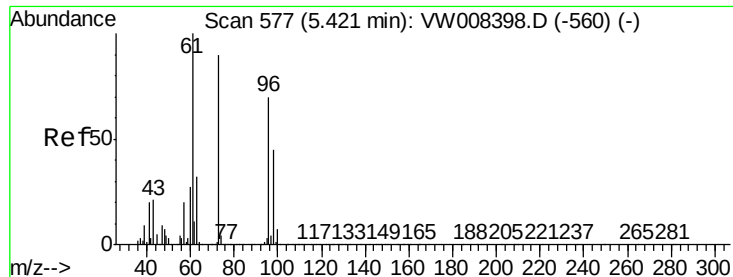
Tgt Ion: 43 Resp: 58780

Ion Ratio Lower Upper

43 100

74 21.3 17.5 26.3

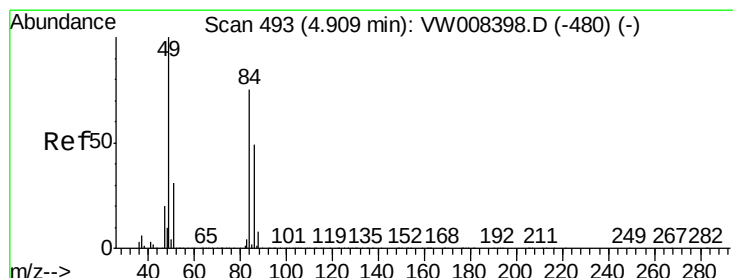
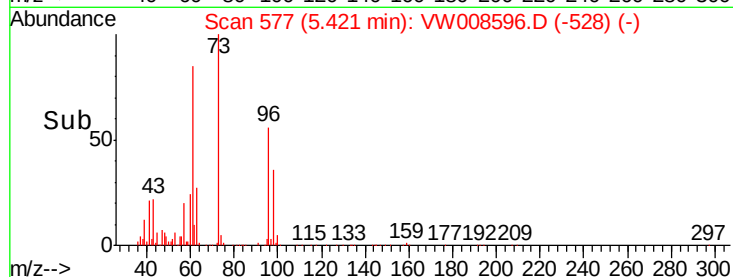
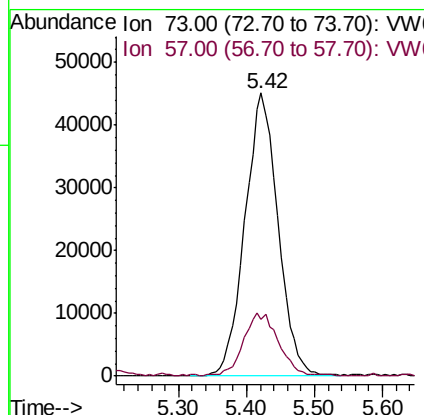
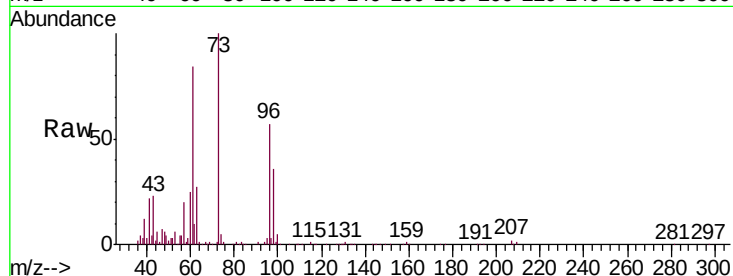




#19
Methyl tert-butyl Ether
Concen: 25.329 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW008596.D
Acq: 11 Feb 2019 14:41

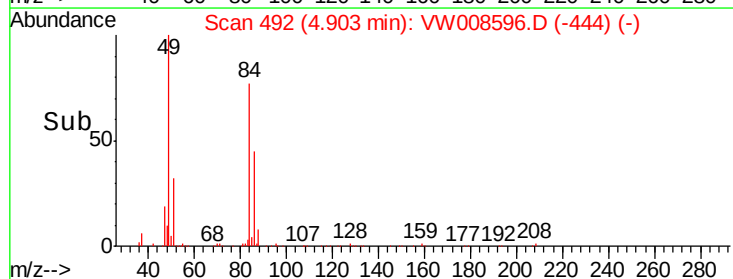
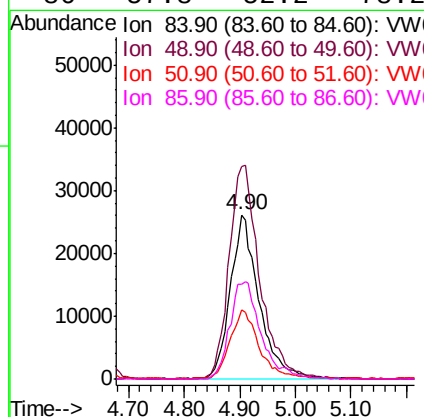
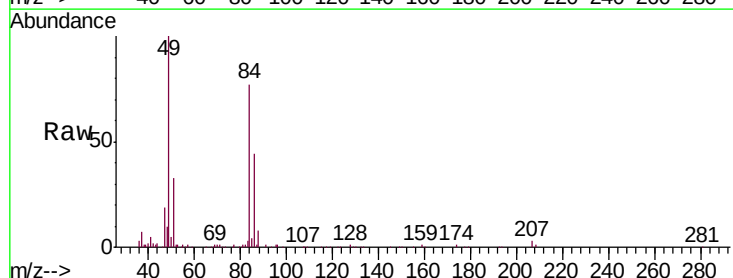
Instrument :
MSVOA_W
ClientSampleId :
VW0211SBS01

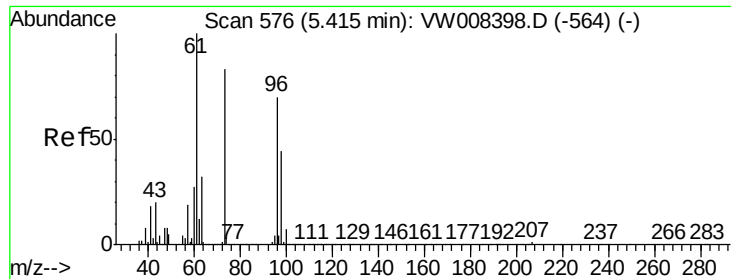
Tgt Ion: 73 Resp: 152087
Ion Ratio Lower Upper
73 100
57 20.0 18.0 27.0



#20
Methylene Chloride
Concen: 23.186 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008596.D
Acq: 11 Feb 2019 14:41

Tgt Ion: 84 Resp: 93476
Ion Ratio Lower Upper
84 100
49 129.8 106.8 160.2
51 42.3 32.9 49.3
86 57.8 52.2 78.2

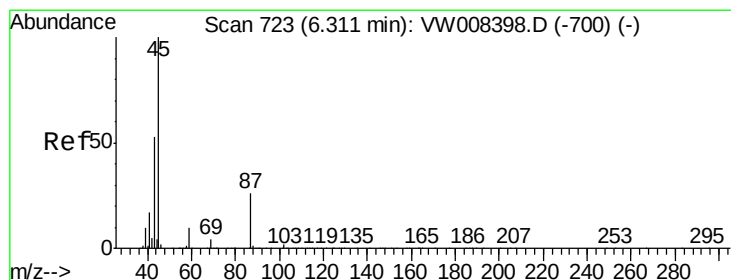
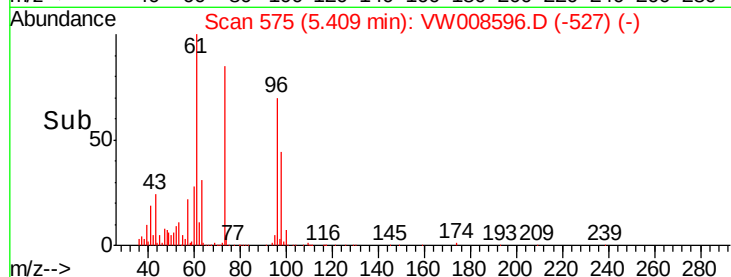
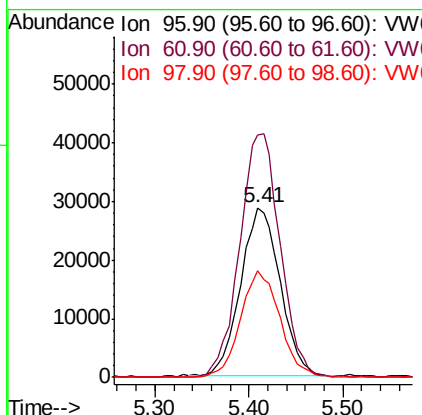
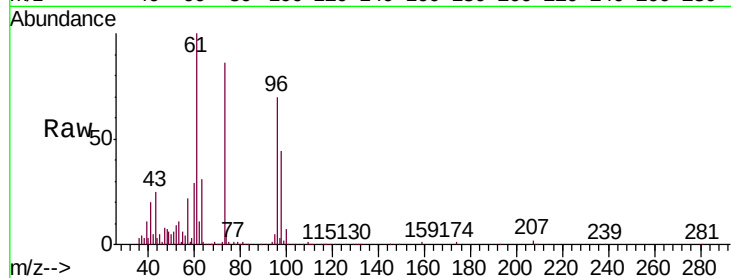




#21
trans-1,2-Dichloroethene
Concen: 20.800 ug/l
RT: 5.41 min Scan# 575
Delta R.T. -0.01 min
Lab File: VW008596.D
Acq: 11 Feb 2019 14:41

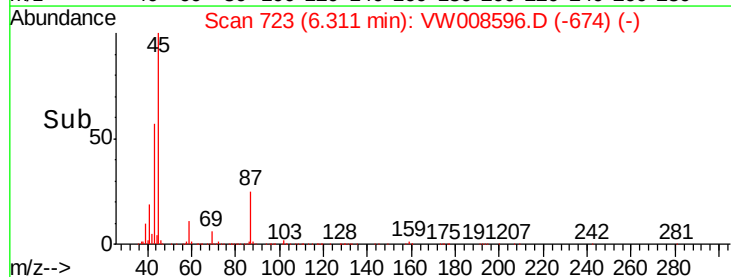
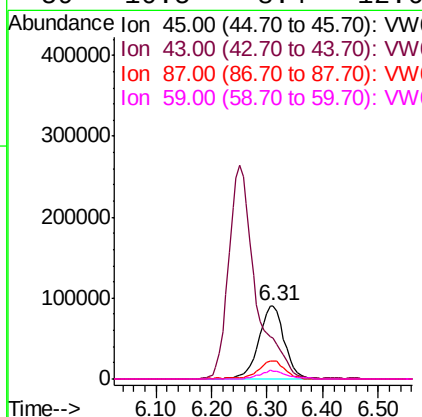
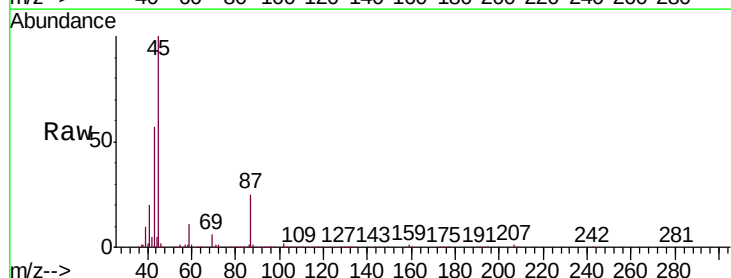
Instrument :
MSVOA_W
ClientSampleId :
VW0211SBS01

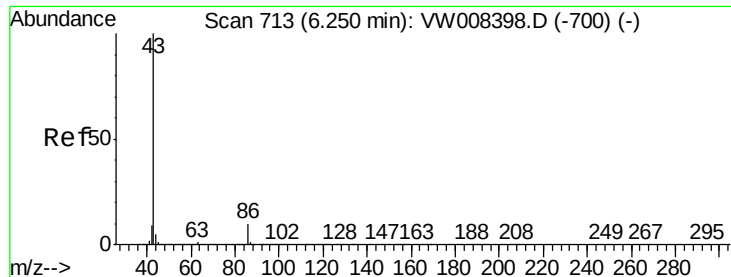
Tgt Ion: 96 Resp: 84864
Ion Ratio Lower Upper
96 100
61 143.0 114.4 171.6
98 63.0 50.6 75.8



#22
Diisopropyl ether
Concen: 22.092 ug/l
RT: 6.31 min Scan# 723
Delta R.T. 0.00 min
Lab File: VW008596.D
Acq: 11 Feb 2019 14:41

Tgt Ion: 45 Resp: 288537
Ion Ratio Lower Upper
45 100
43 56.4 42.6 63.8
87 25.2 20.3 30.5
59 10.5 8.4 12.6





#23

Vinyl Acetate

Concen: 114.478 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW008596.D

Acq: 11 Feb 2019 14:41

Instrument :

MSVOA_W

ClientSampleId :

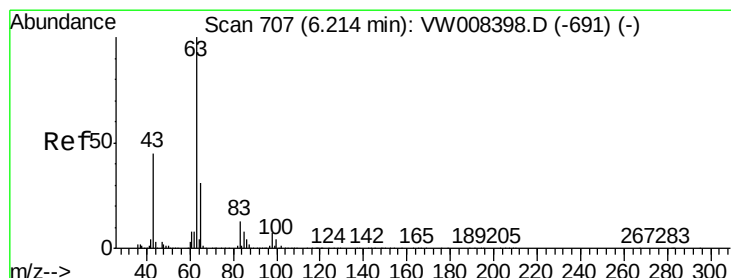
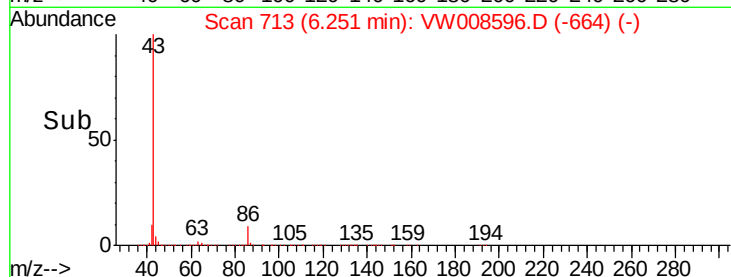
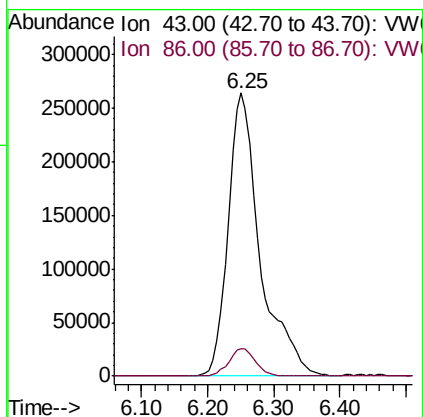
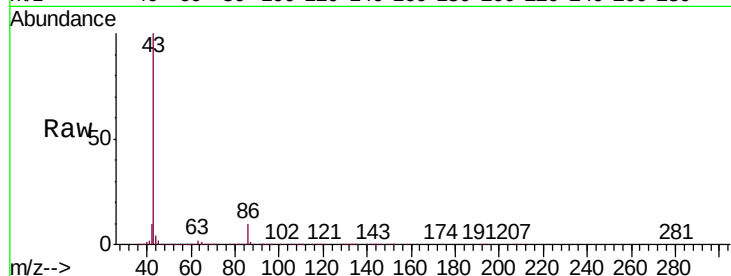
VW0211SBS01

Tgt Ion: 43 Resp: 882863

Ion Ratio Lower Upper

43 100

86 9.6 7.8 11.8



#24

1,1-Dichloroethane

Concen: 21.636 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW008596.D

Acq: 11 Feb 2019 14:41

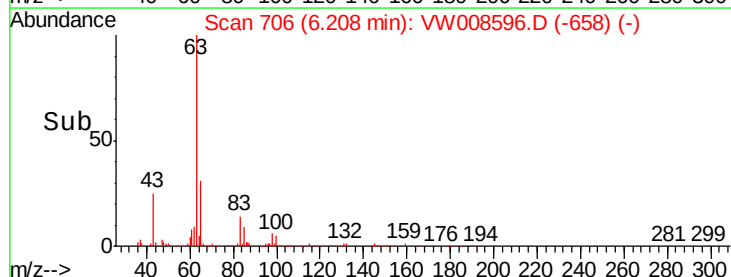
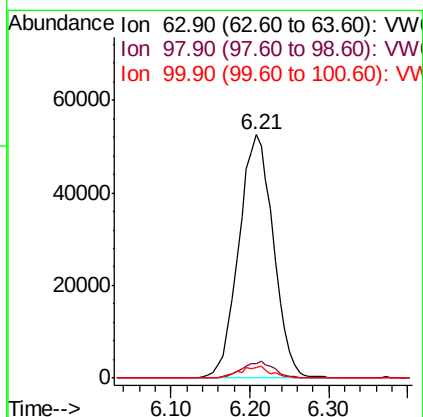
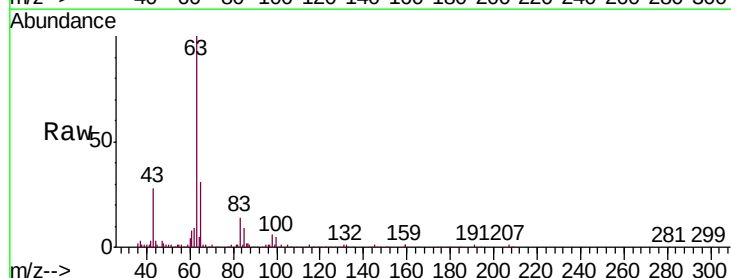
Tgt Ion: 63 Resp: 159955

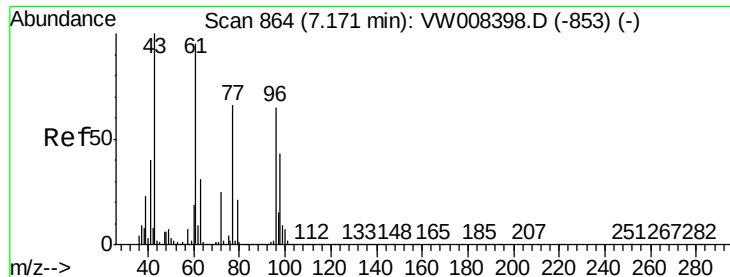
Ion Ratio Lower Upper

63 100

98 6.0 3.5 10.5

100 4.6 2.1 6.2





#25

2-Butanone

Concen: 118.635 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008596.D

Acq: 11 Feb 2019 14:41

Instrument :

MSVOA_W

ClientSampleId :

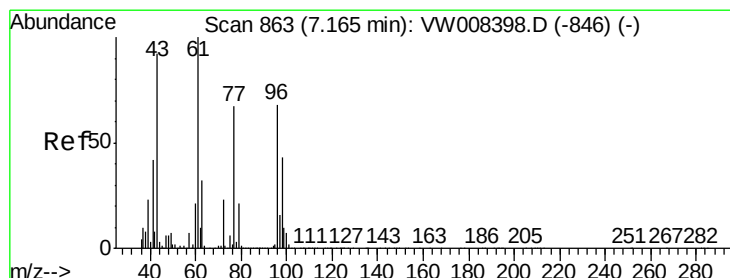
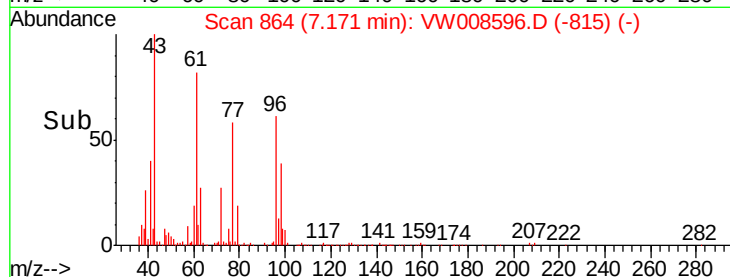
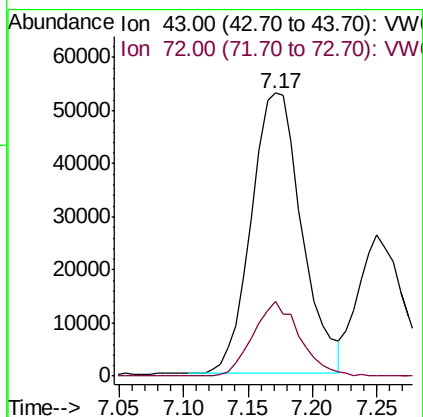
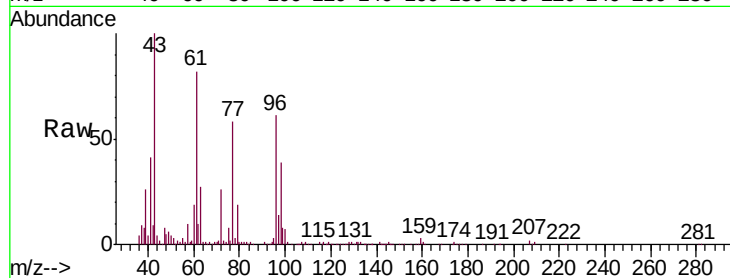
VW0211SBS01

Tgt Ion: 43 Resp: 144136

Ion Ratio Lower Upper

43 100

72 26.7 20.1 30.1



#26

2,2-Dichloropropane

Concen: 20.828 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008596.D

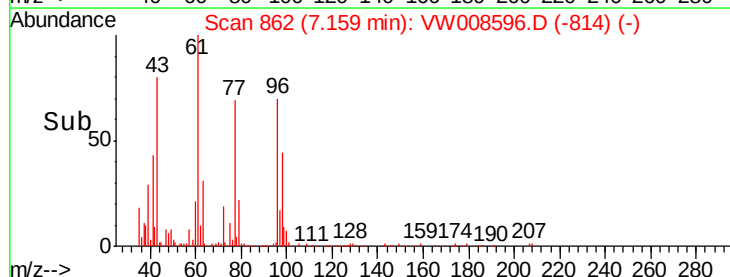
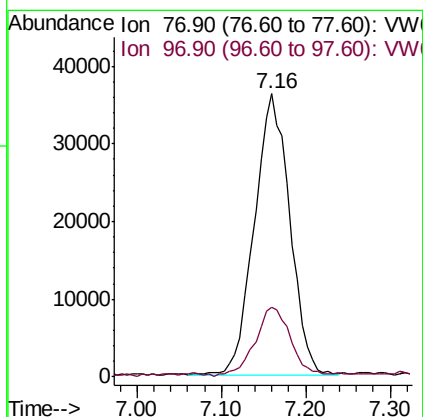
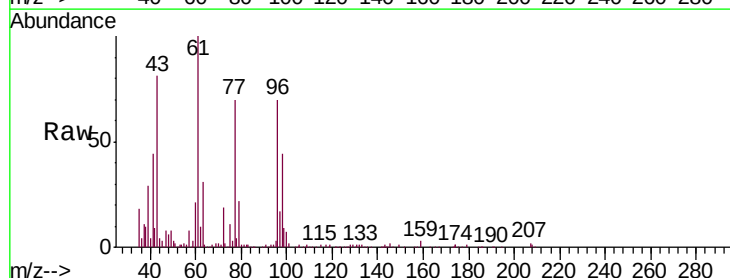
Acq: 11 Feb 2019 14:41

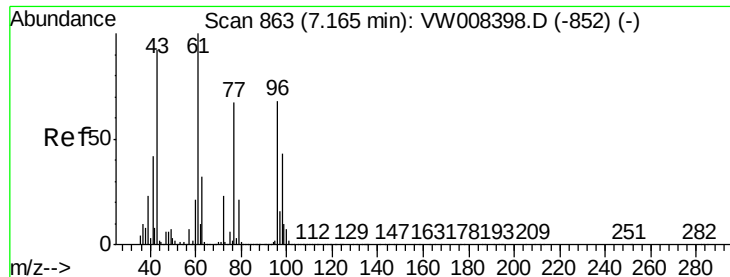
Tgt Ion: 77 Resp: 104084

Ion Ratio Lower Upper

77 100

97 24.5 11.5 34.5



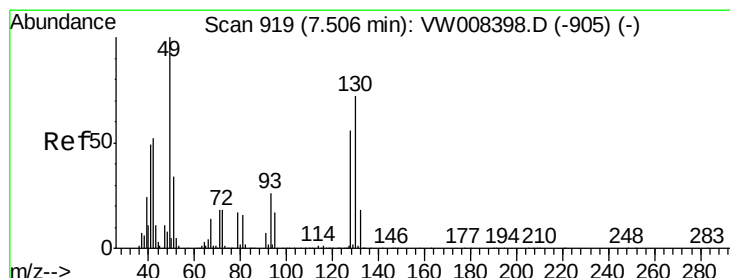
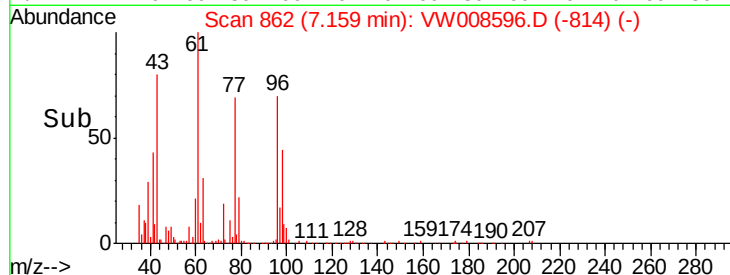
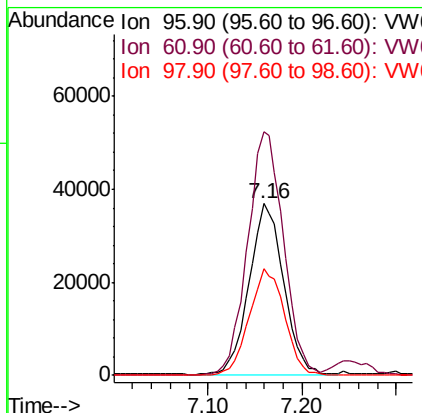
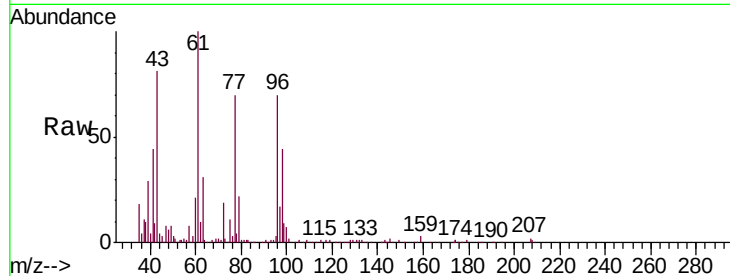


#27

cis-1,2-Dichloroethene
Concen: 21.097 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW008596.D
Acq: 11 Feb 2019 14:41

Instrument :
MSVOA_W
ClientSampleId :
VW0211SBS01

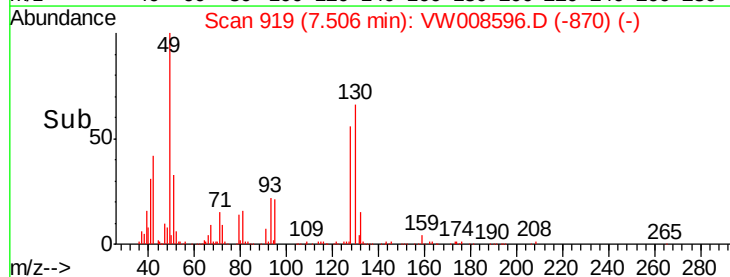
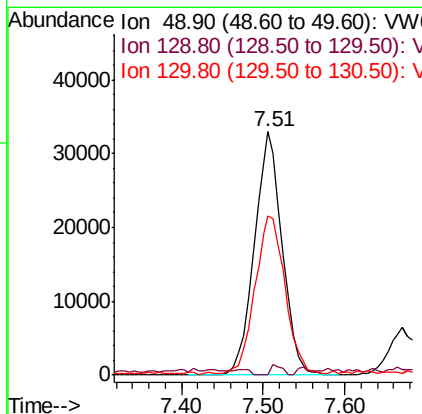
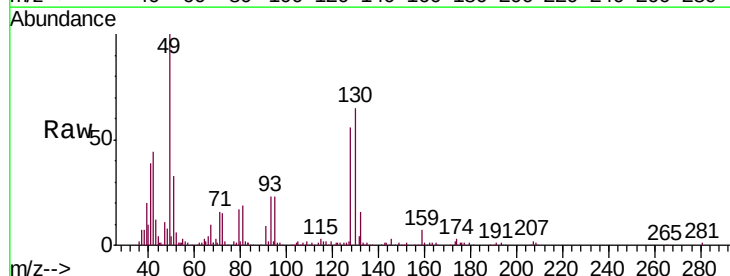
Tgt Ion: 96 Resp: 93810
Ion Ratio Lower Upper
96 100
61 149.3 0.0 292.8
98 64.8 0.0 129.2

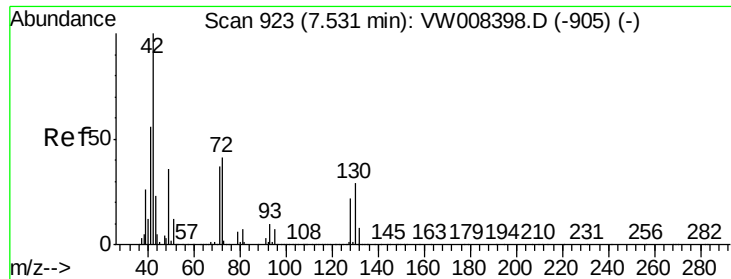


#28

Bromochloromethane
Concen: 23.040 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW008596.D
Acq: 11 Feb 2019 14:41

Tgt Ion: 49 Resp: 78234
Ion Ratio Lower Upper
49 100
129 1.6 0.0 4.6
130 69.6 58.6 87.8

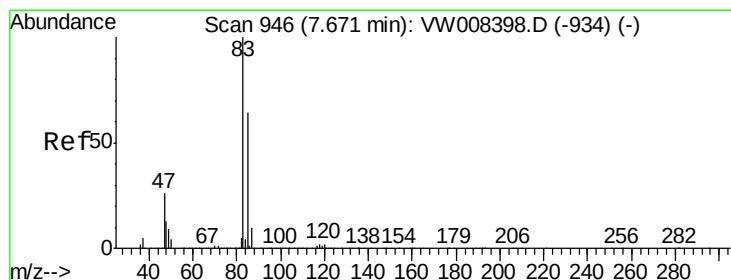
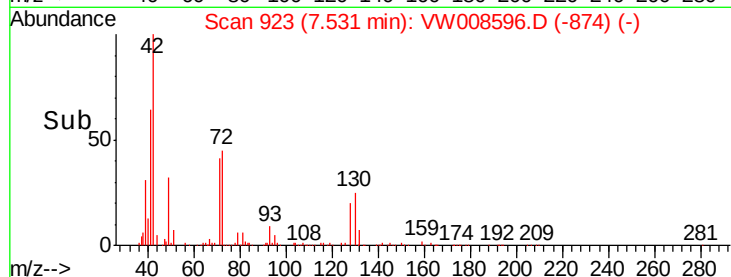
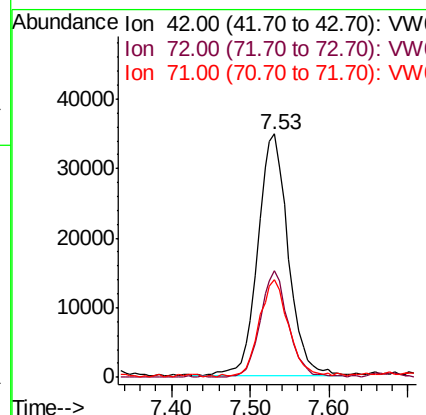
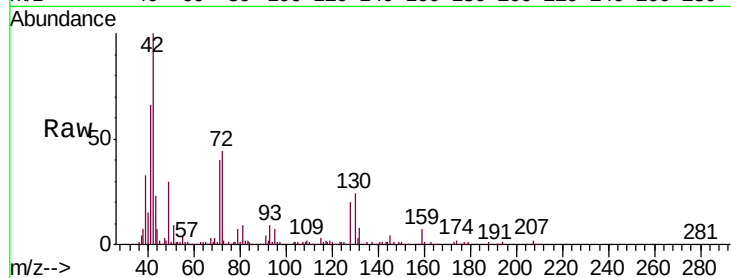




#29
Tetrahydrofuran
Concen: 119.855 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW008596.D
Acq: 11 Feb 2019 14:41

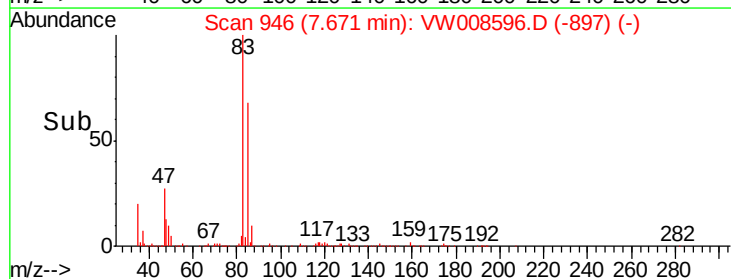
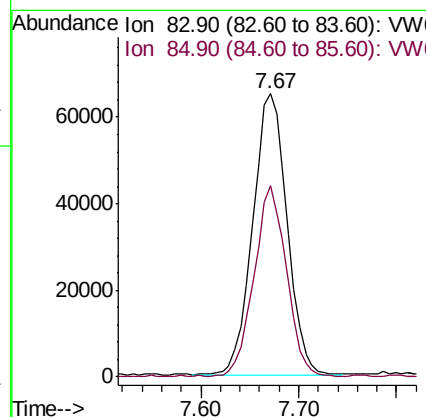
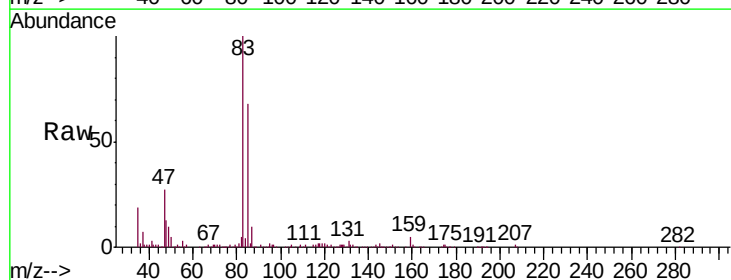
Instrument :
MSVOA_W
ClientSampleId :
VW0211SBS01

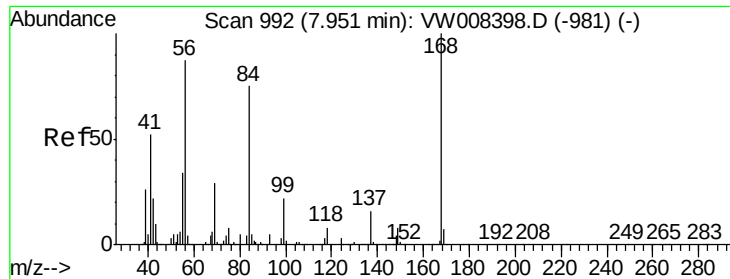
Tgt Ion	Ratio	Lower	Upper
42	100		
72	40.9	31.9	47.9
71	37.7	29.9	44.9



#30
Chloroform
Concen: 21.830 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW008596.D
Acq: 11 Feb 2019 14:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.2	50.9	76.3

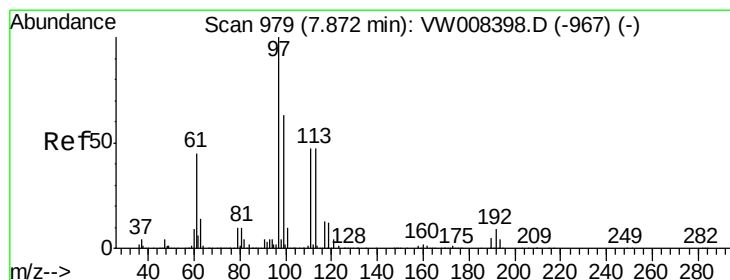
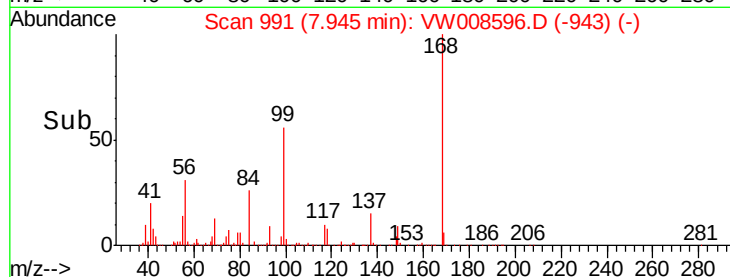
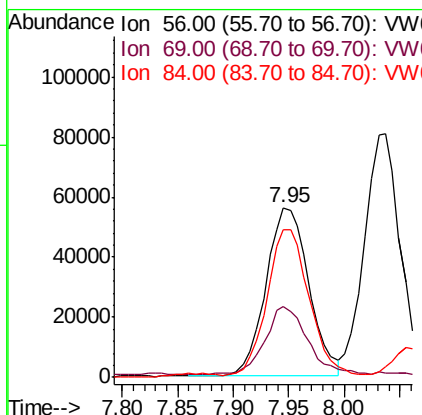
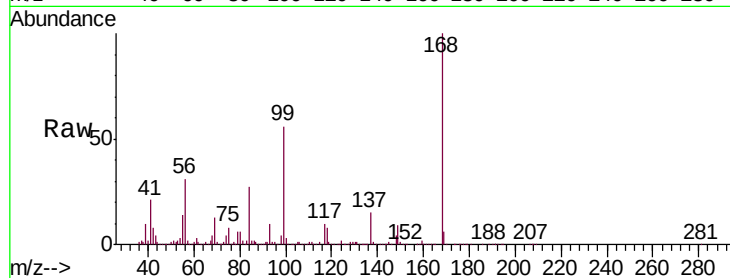




#31
Cyclohexane
Concen: 19.778 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008596.D
Acq: 11 Feb 2019 14:41

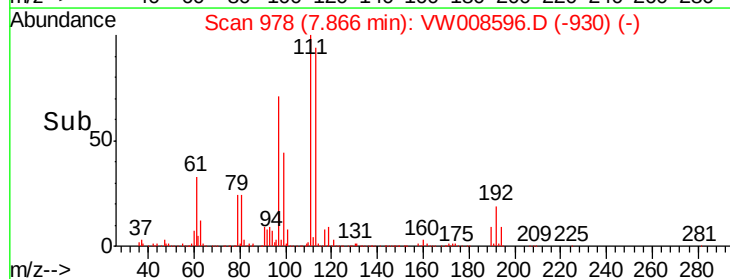
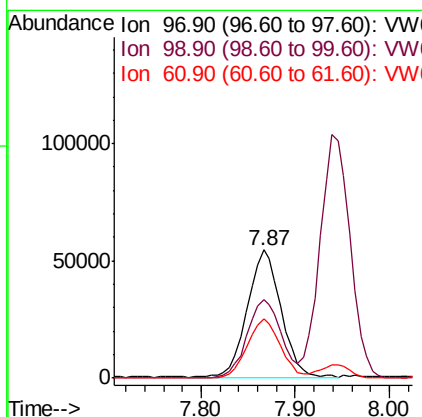
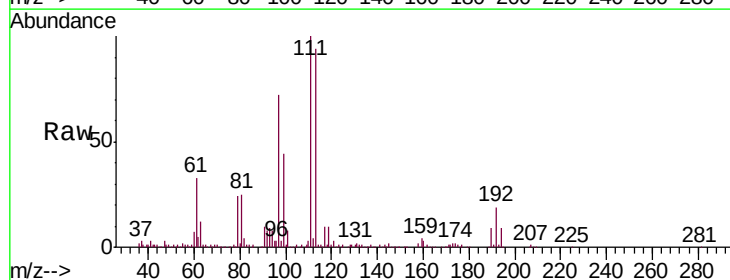
Instrument :
MSVOA_W
ClientSampleId :
VW0211SBS01

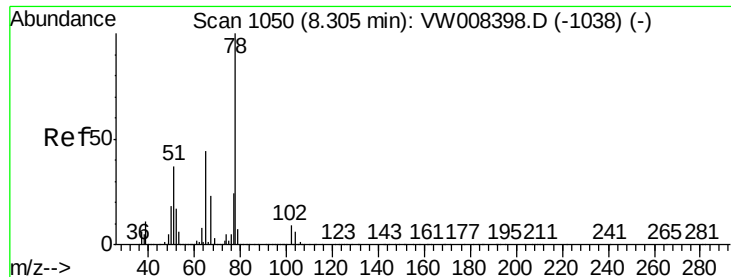
Tgt Ion: 56 Resp: 151195
Ion Ratio Lower Upper
56 100
69 40.4 26.4 39.6#
84 85.1 69.1 103.7



#32
1,1,1-Trichloroethane
Concen: 22.219 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW008596.D
Acq: 11 Feb 2019 14:41

Tgt Ion: 97 Resp: 139551
Ion Ratio Lower Upper
97 100
99 61.2 51.3 76.9
61 44.5 36.2 54.4

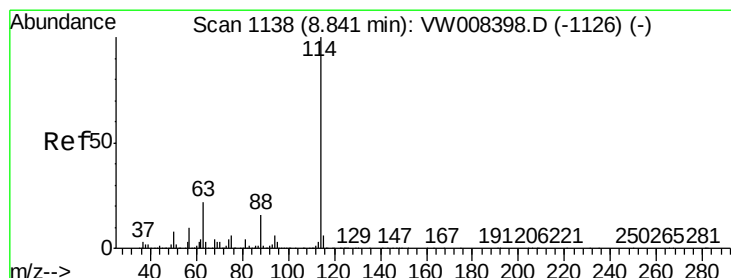
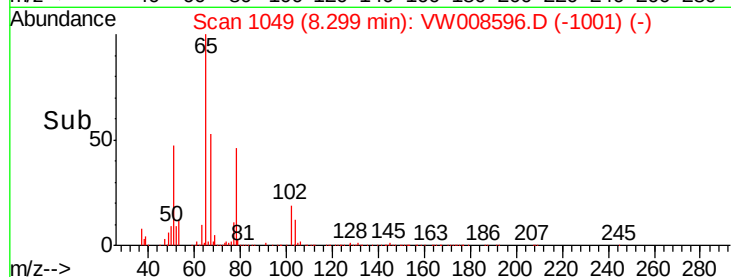
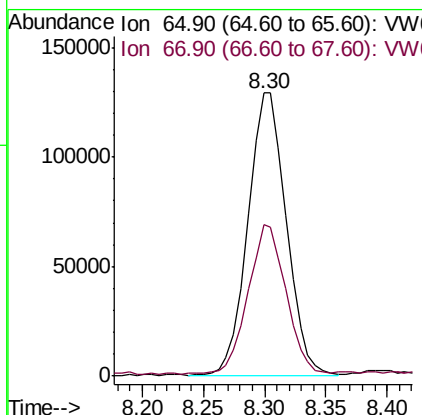
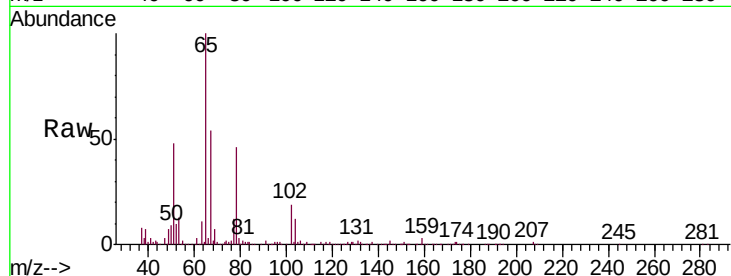




#33
 1,2-Dichloroethane-d4
 Concen: 72.197 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW008596.D
 Acq: 11 Feb 2019 14:41

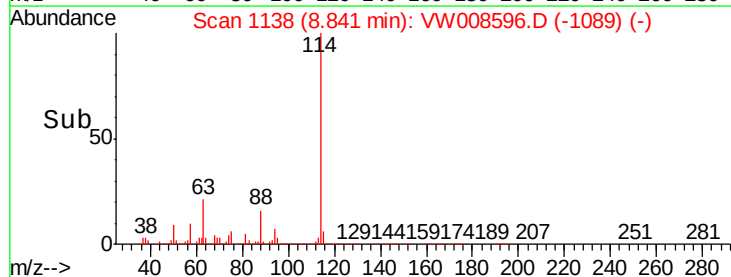
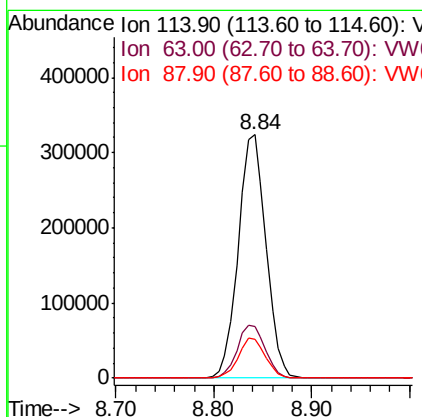
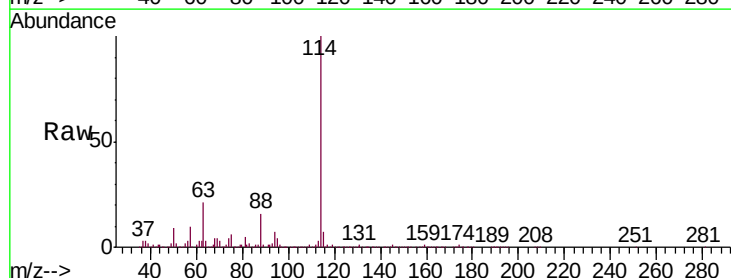
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0211SBS01

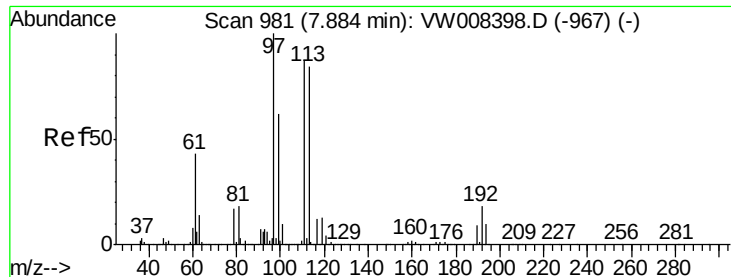
Tgt Ion: 65 Resp: 281215
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008596.D
 Acq: 11 Feb 2019 14:41

Tgt Ion: 114 Resp: 637362
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 43.6
 88 16.0 0.0 31.8

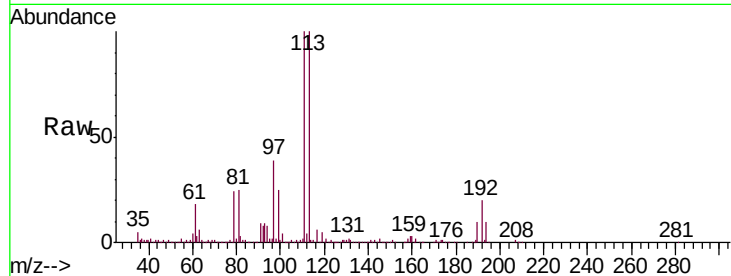




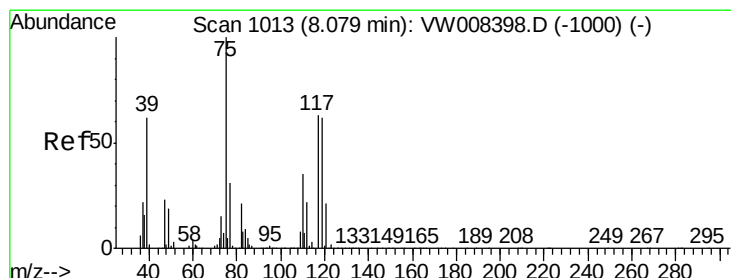
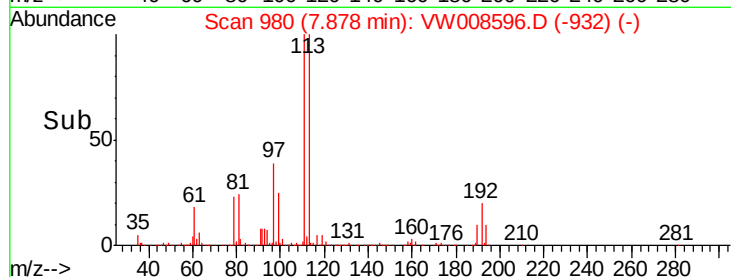
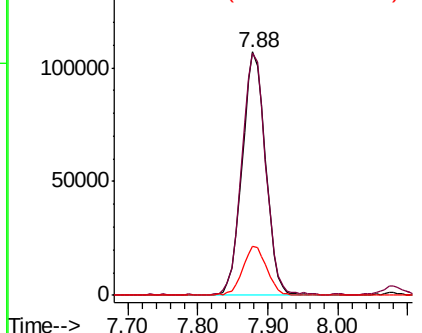
#35
 Dibromofluoromethane
 Concen: 66.663 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008596.D
 Acq: 11 Feb 2019 14:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0211SBS01

Tgt Ion:113 Resp: 248444
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.0 121.4
 192 20.6 16.8 25.2

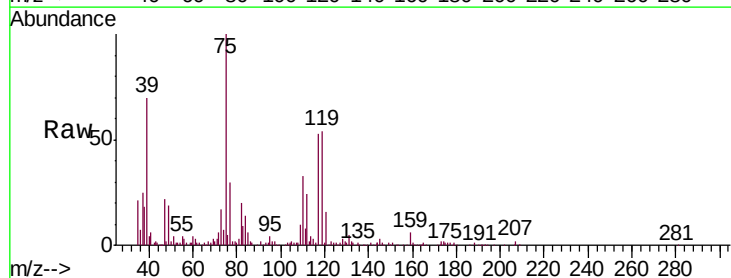


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

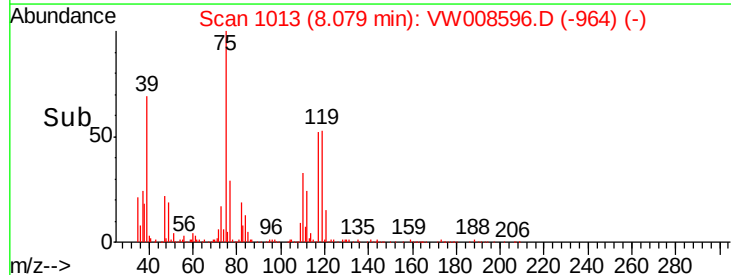
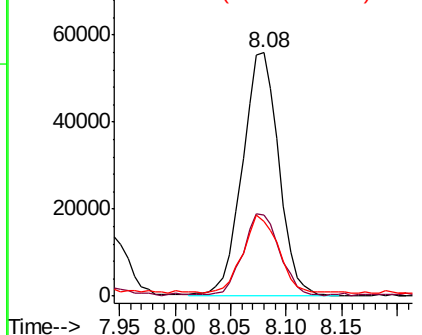


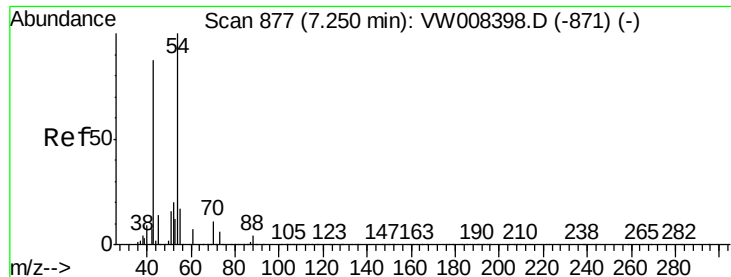
#36
 1,1-Dichloropropene
 Concen: 20.915 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW008596.D
 Acq: 11 Feb 2019 14:41

Tgt Ion: 75 Resp: 125922
 Ion Ratio Lower Upper
 75 100
 110 34.3 17.3 52.0
 77 31.9 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

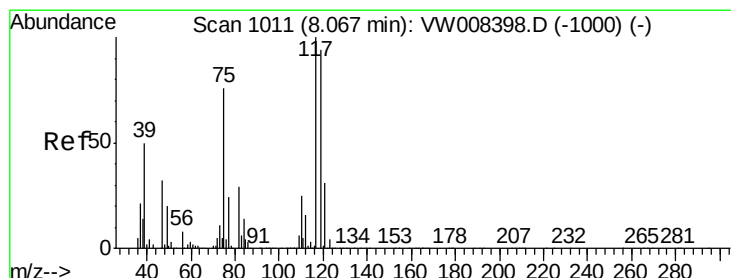
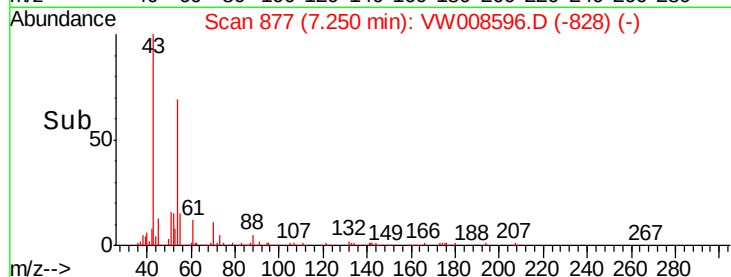
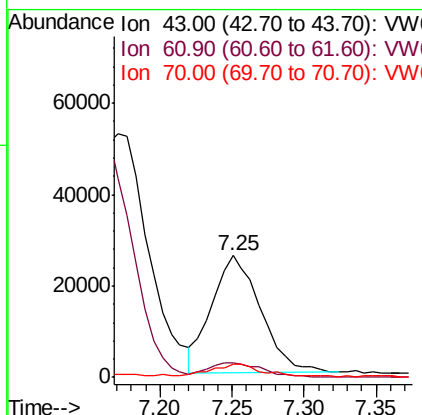
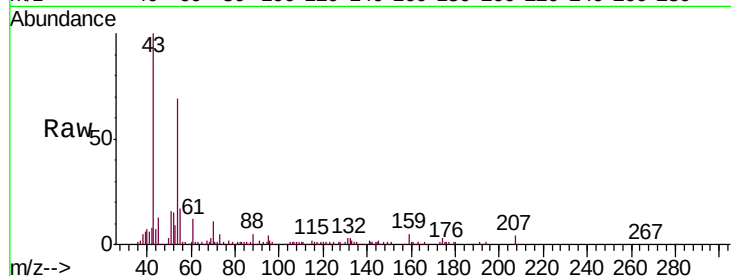




#37
Ethyl Acetate
Concen: 22.706 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW008596.D
Acq: 11 Feb 2019 14:41

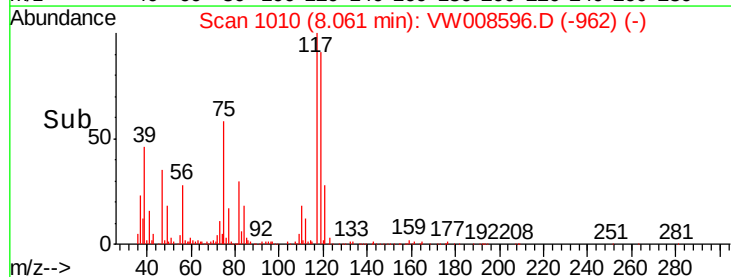
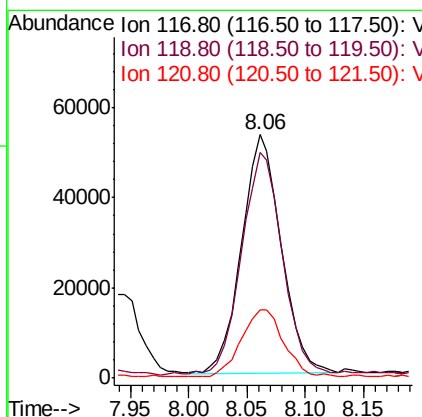
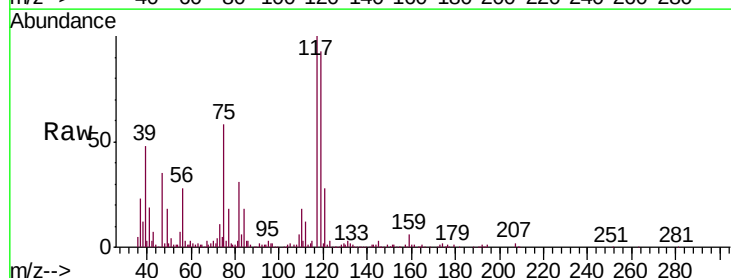
Instrument :
MSVOA_W
ClientSampleId :
VW0211SBS01

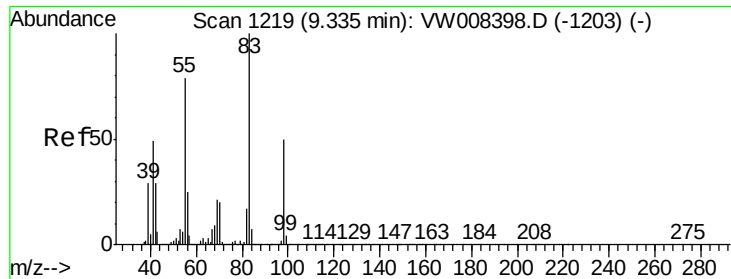
Tgt Ion: 43 Resp: 60481
Ion Ratio Lower Upper
43 100
61 14.1 10.1 15.1
70 12.8 7.8 11.6#



#38
Carbon Tetrachloride
Concen: 20.635 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW008596.D
Acq: 11 Feb 2019 14:41

Tgt Ion: 117 Resp: 125019
Ion Ratio Lower Upper
117 100
119 92.7 75.0 112.4
121 28.1 24.9 37.3





#39

Methylcyclohexane

Concen: 20.924 ug/l

RT: 9.33 min Scan# 1218

Delta R.T. -0.01 min

Lab File: VW008596.D

Acq: 11 Feb 2019 14:41

Instrument :

MSVOA_W

ClientSampled :

VW0211SBS01

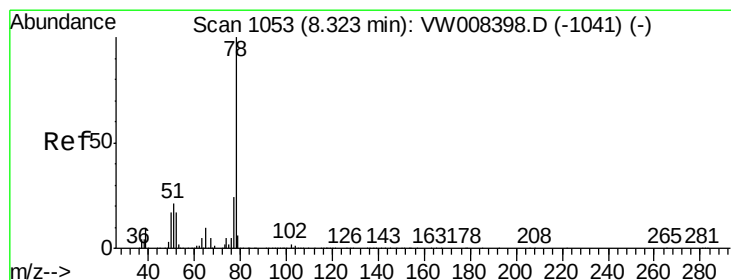
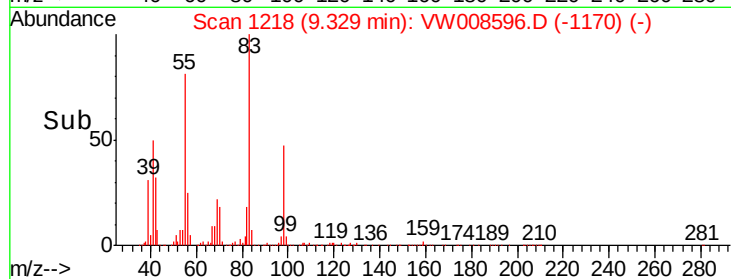
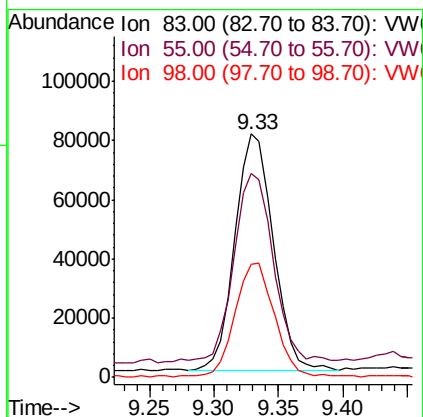
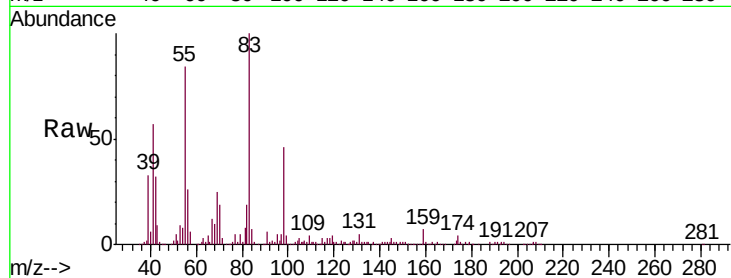
Tgt Ion: 83 Resp: 165494

Ion Ratio Lower Upper

83 100

55 79.1 63.3 94.9

98 47.3 39.7 59.5



#40

Benzene

Concen: 20.594 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VW008596.D

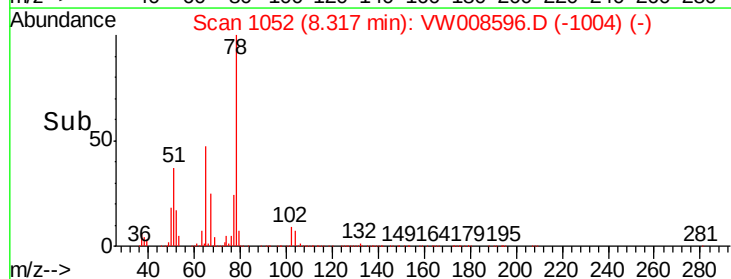
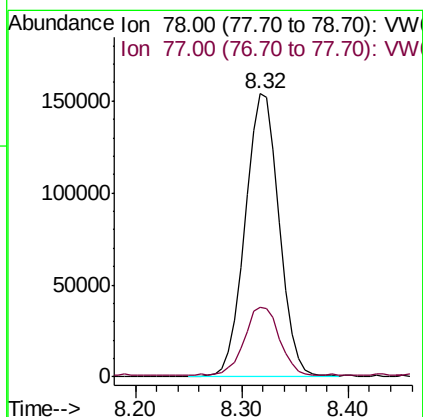
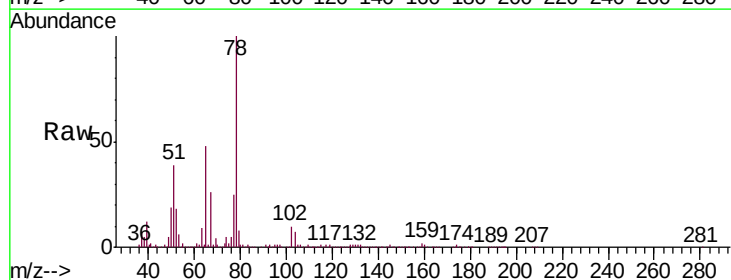
Acq: 11 Feb 2019 14:41

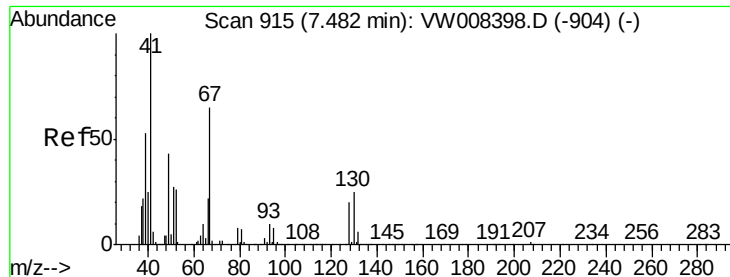
Tgt Ion: 78 Resp: 344053

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.6

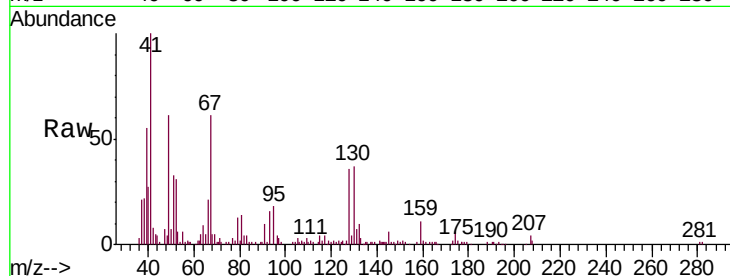




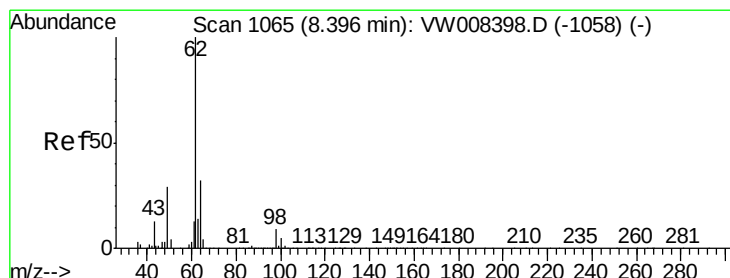
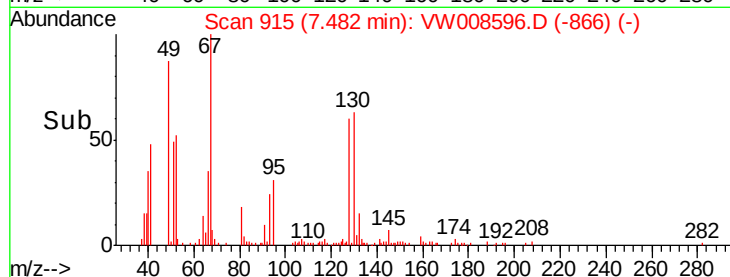
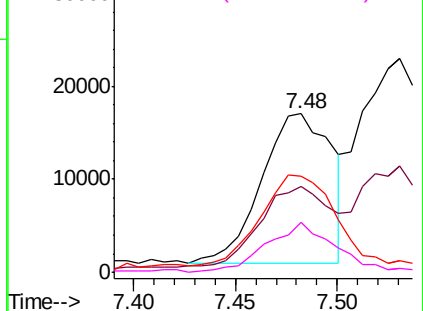
#41
Methacrylonitrile
Concen: 24.340 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW008596.D
Acq: 11 Feb 2019 14:41

Instrument :
MSVOA_W
ClientSampleId :
VW0211SBS01

Tgt Ion:	41	Resp:	38389
Ion	Ratio	Lower	Upper
41	100		
39	55.1	43.4	65.0
67	66.4	54.2	81.2
52	32.2	22.9	34.3

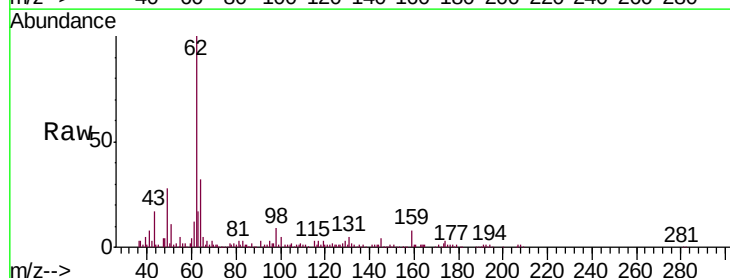


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

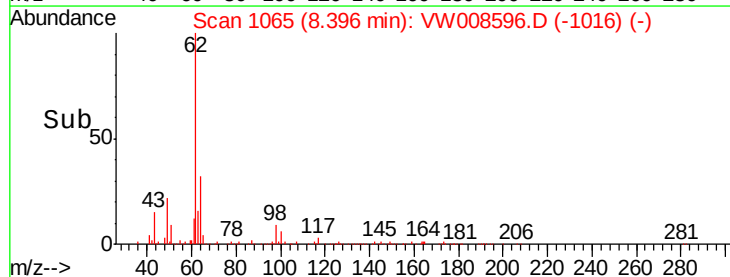
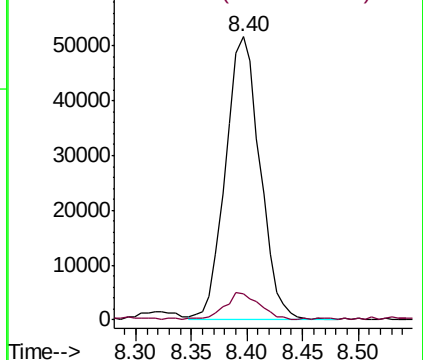


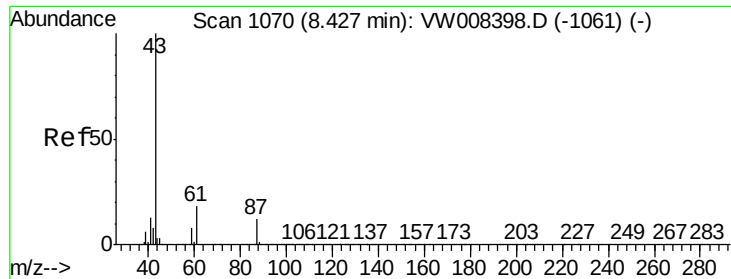
#42
1,2-Dichloroethane
Concen: 22.773 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW008596.D
Acq: 11 Feb 2019 14:41

Tgt Ion:	62	Resp:	110255
Ion	Ratio	Lower	Upper
62	100		
98	9.4	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: 23.828 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW008596.D

Acq: 11 Feb 2019 14:41

Instrument :

MSVOA_W

ClientSampleId :

VW0211SBS01

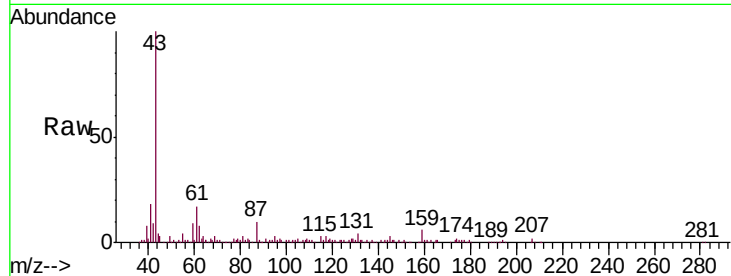
Tgt Ion: 43 Resp: 131861

Ion Ratio Lower Upper

43 100

61 27.5 22.0 33.0

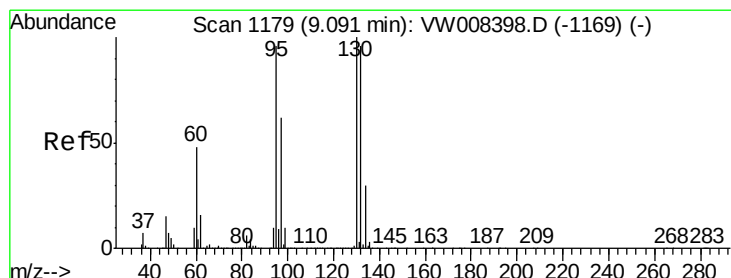
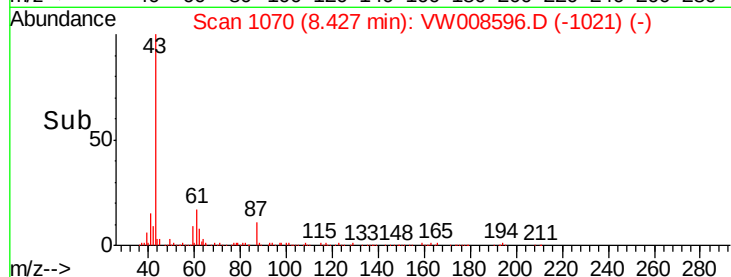
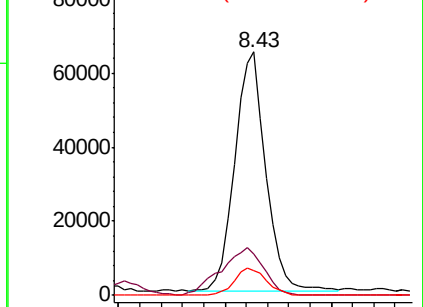
87 12.0 9.3 13.9



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: 20.926 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW008596.D

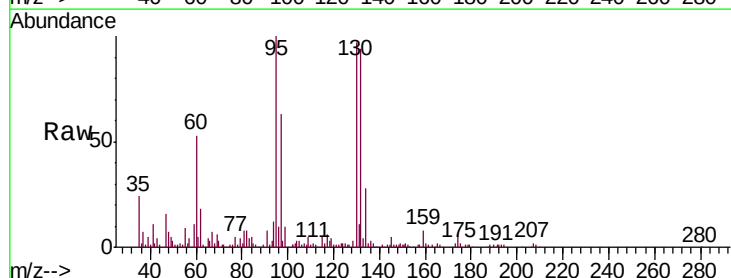
Acq: 11 Feb 2019 14:41

Tgt Ion: 130 Resp: 95067

Ion Ratio Lower Upper

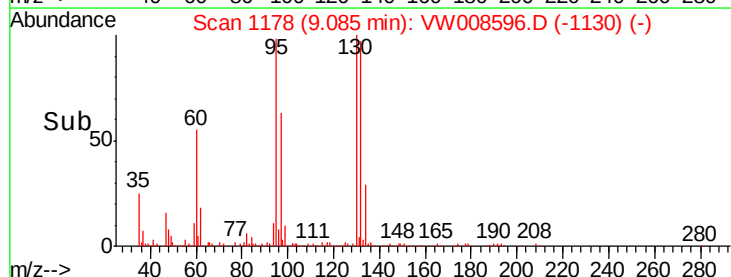
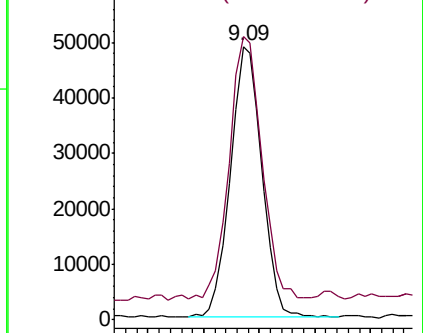
130 100

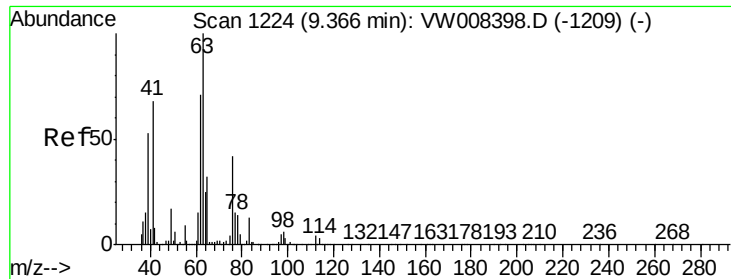
95 96.8 0.0 191.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

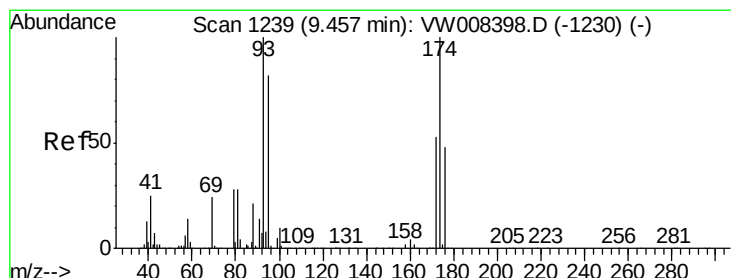
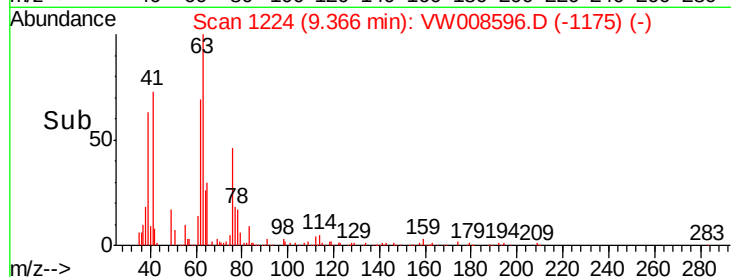
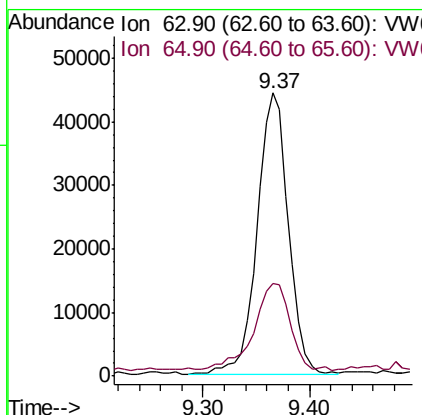
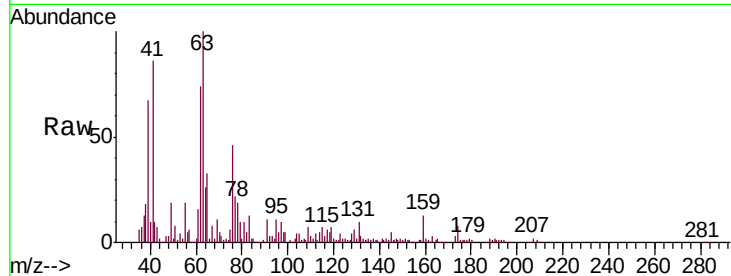




#45
 1,2-Dichloropropane
 Concen: 21.910 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW008596.D
 Acq: 11 Feb 2019 14:41

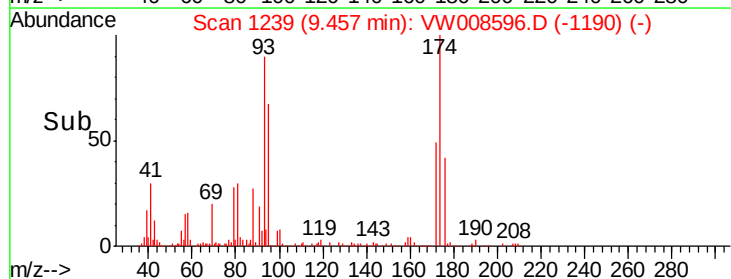
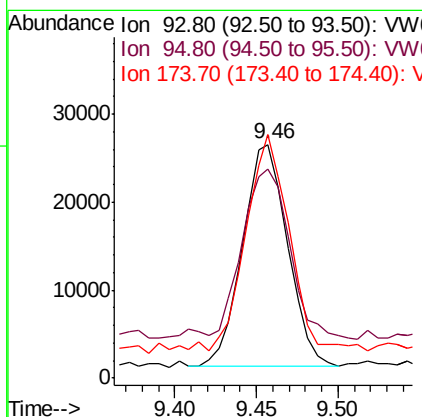
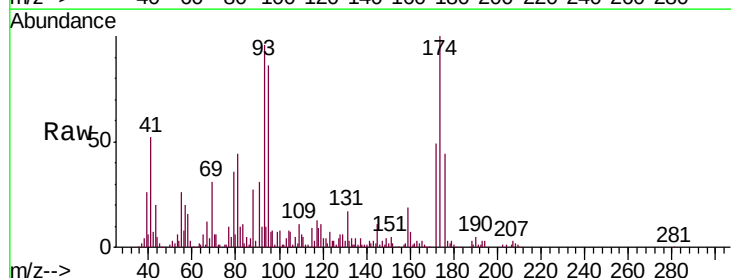
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0211SBS01

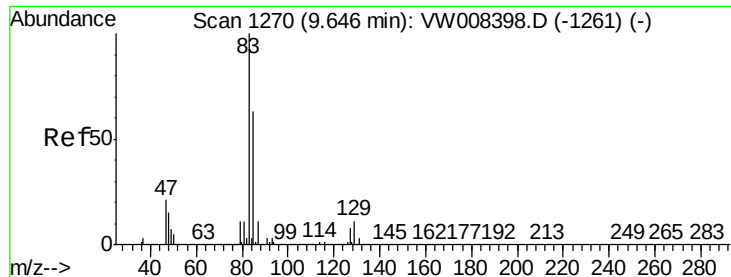
Tgt Ion: 63 Resp: 91269
 Ion Ratio Lower Upper
 63 100
 65 30.3 25.2 37.8



#46
 Dibromomethane
 Concen: 22.679 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW008596.D
 Acq: 11 Feb 2019 14:41

Tgt Ion: 93 Resp: 48589
 Ion Ratio Lower Upper
 93 100
 95 80.8 65.9 98.9
 174 99.2 81.0 121.6





#47

Bromodichloromethane

Concen: 23.168 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008596.D

Acq: 11 Feb 2019 14:41

Instrument :

MSVOA_W

ClientSampleId :

VW0211SBS01

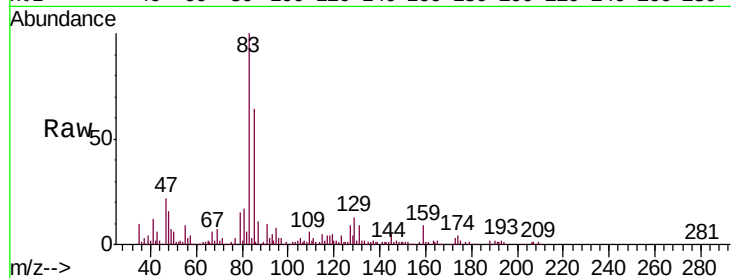
Tgt Ion: 83 Resp: 131289

Ion Ratio Lower Upper

83 100

85 65.1 50.8 76.2

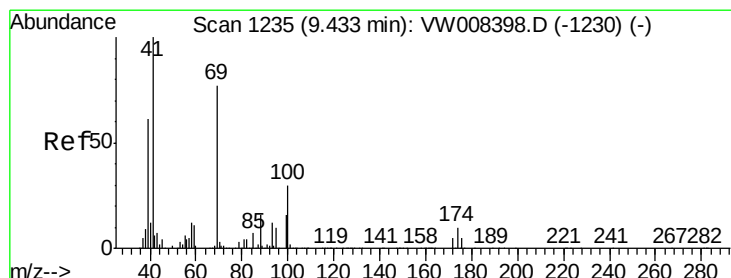
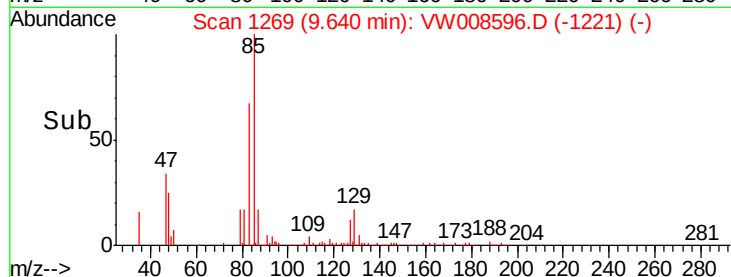
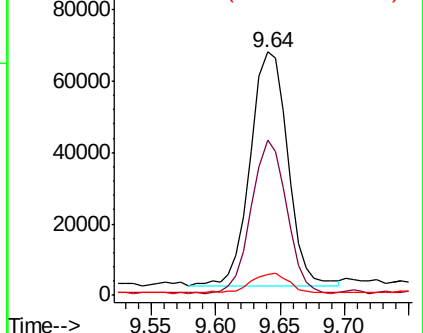
127 8.1 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 25.430 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.01 min

Lab File: VW008596.D

Acq: 11 Feb 2019 14:41

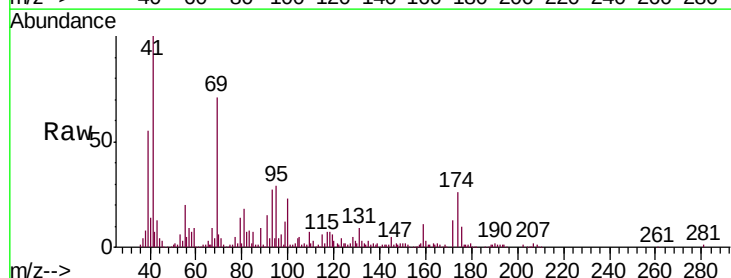
Tgt Ion: 41 Resp: 68811

Ion Ratio Lower Upper

41 100

69 79.1 64.8 97.2

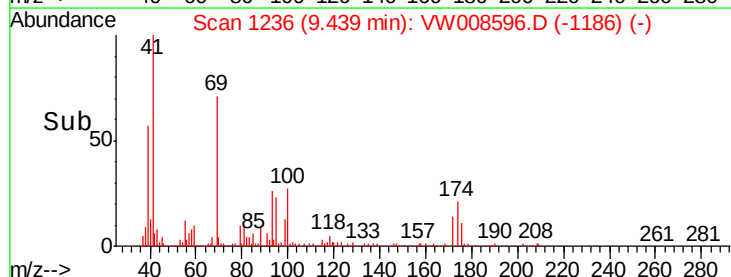
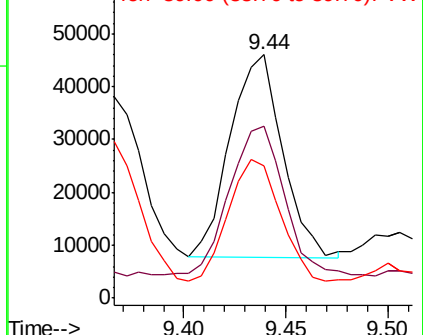
39 65.0 49.1 73.7

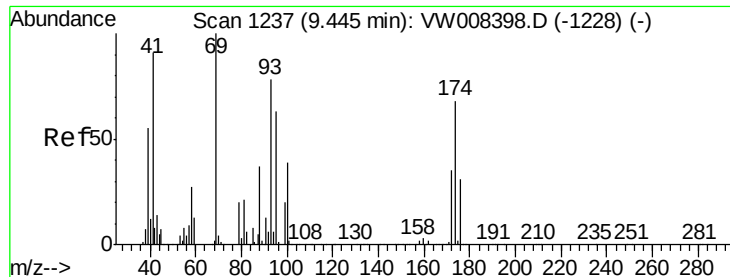


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

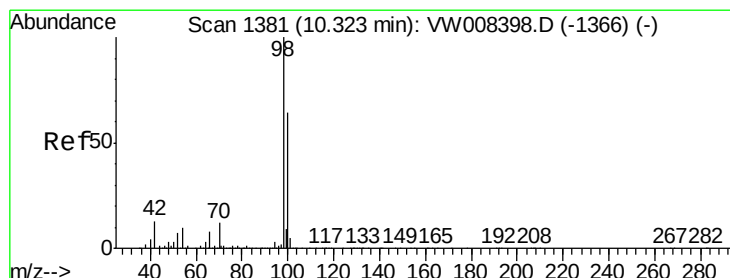
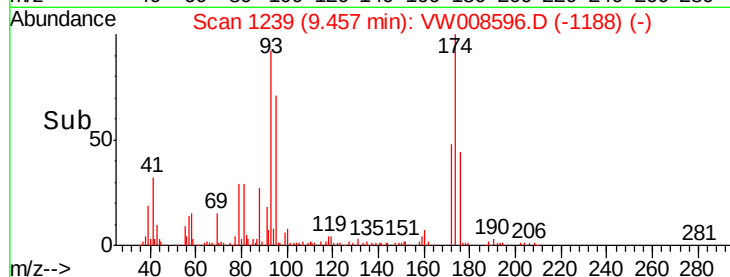
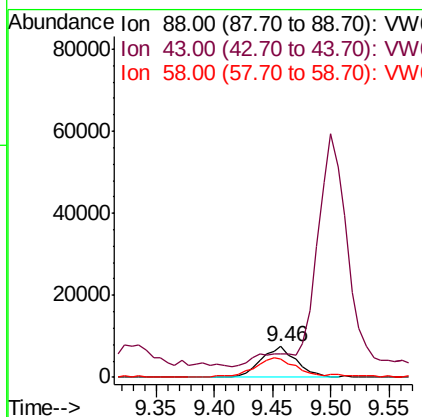
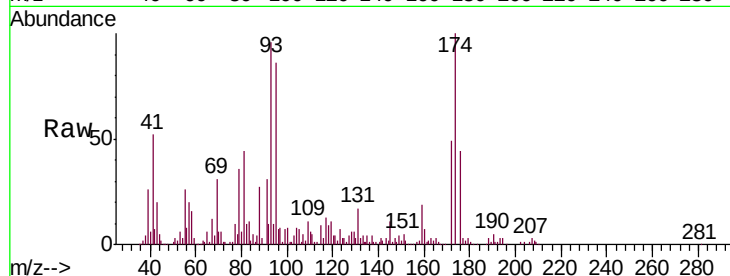




#49
1,4-Dioxane
Concen: 445.316 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.01 min
Lab File: VW008596.D
Acq: 11 Feb 2019 14:41

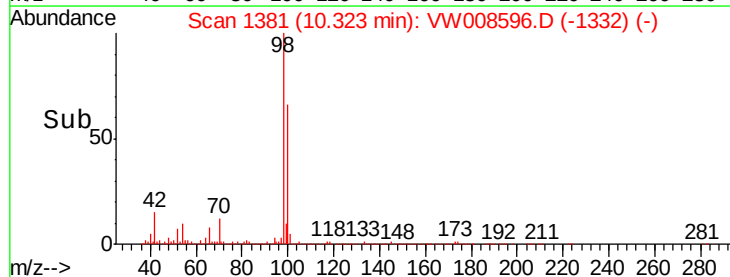
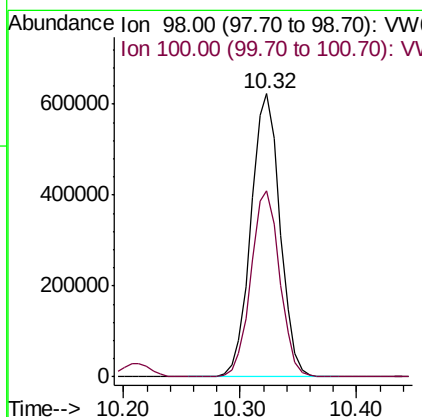
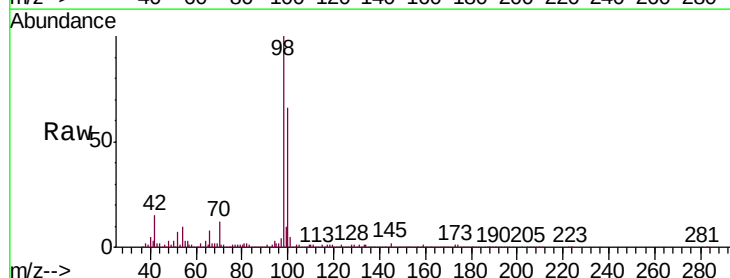
Instrument :
MSVOA_W
ClientSampleId :
VW0211SBS01

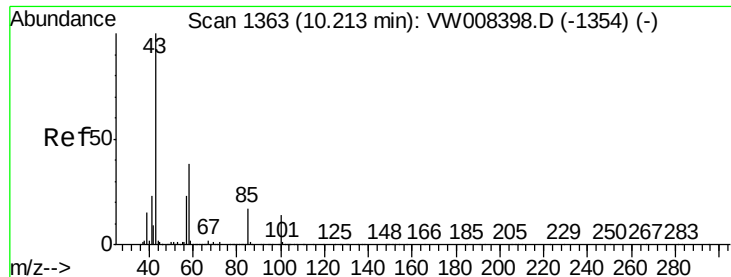
Tgt Ion: 88 Resp: 16127
Ion Ratio Lower Upper
88 100
43 0.0 29.0 43.4#
58 65.1 56.4 84.6



#50
Toluene-d8
Concen: 72.399 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008596.D
Acq: 11 Feb 2019 14:41

Tgt Ion: 98 Resp: 1081999
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8

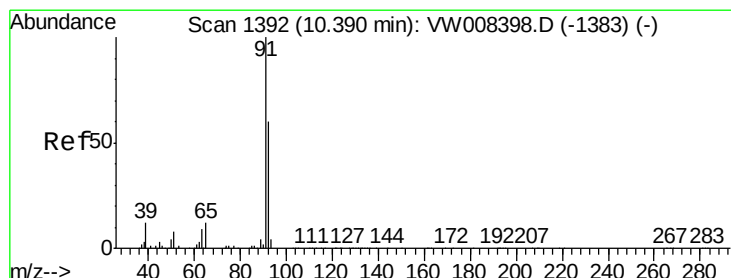
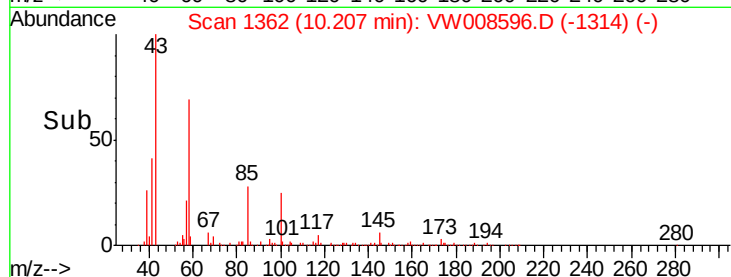
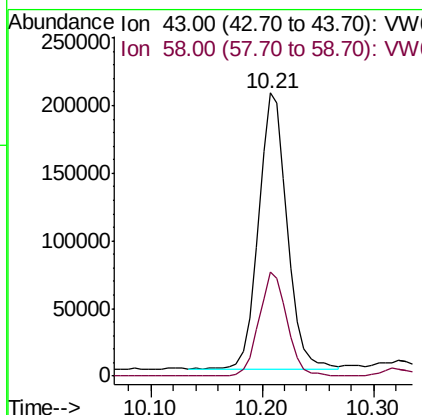
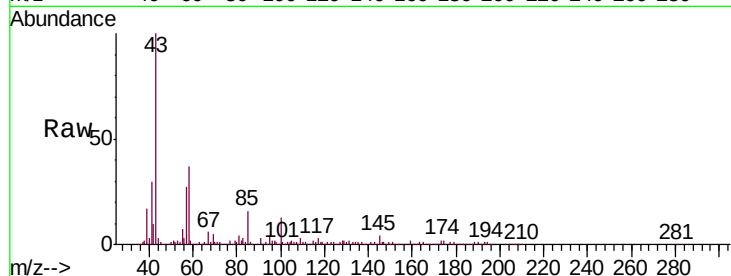




#51
4-Methyl-2-Pentanone
Concen: 133.468 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VW008596.D
Acq: 11 Feb 2019 14:41

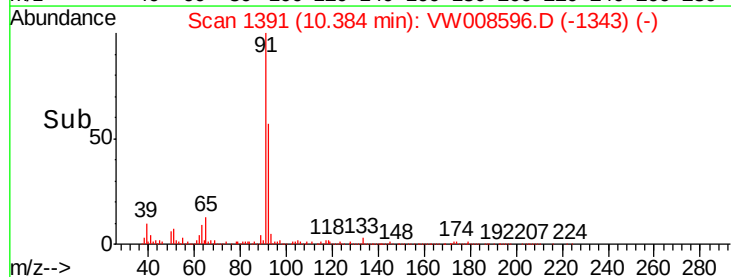
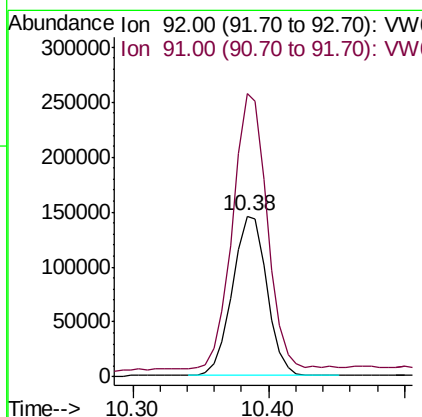
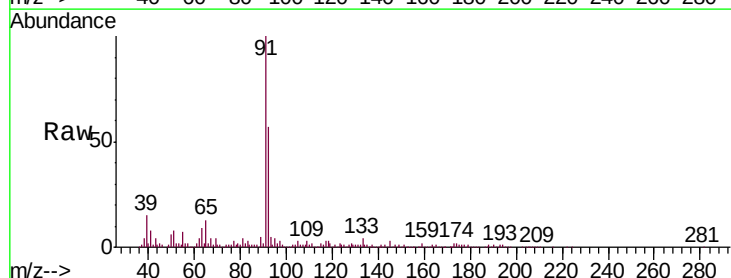
Instrument :
MSVOA_W
ClientSampleId :
VW0211SBS01

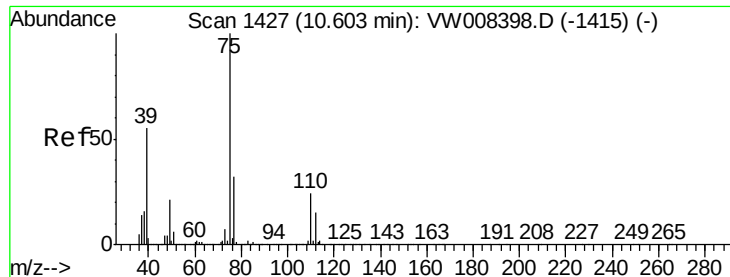
Tgt Ion: 43 Resp: 364889
Ion Ratio Lower Upper
43 100
58 36.5 29.7 44.5



#52
Toluene
Concen: 23.248 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW008596.D
Acq: 11 Feb 2019 14:41

Tgt Ion: 92 Resp: 256387
Ion Ratio Lower Upper
92 100
91 172.4 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 24.392 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008596.D

Acq: 11 Feb 2019 14:41

Instrument :

MSVOA_W

ClientSampled :

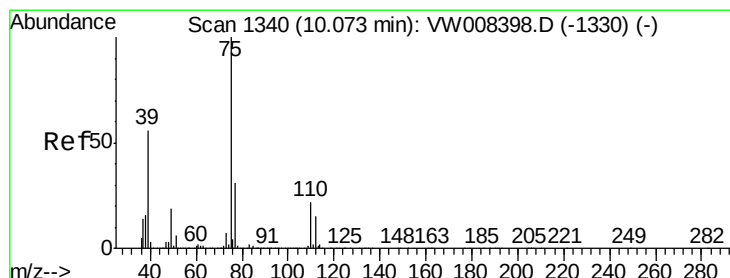
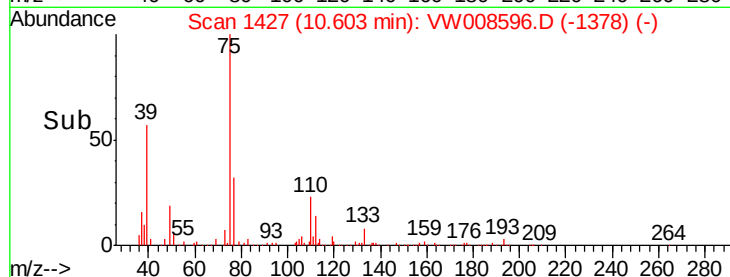
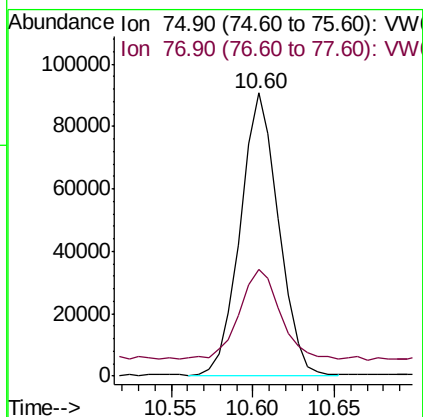
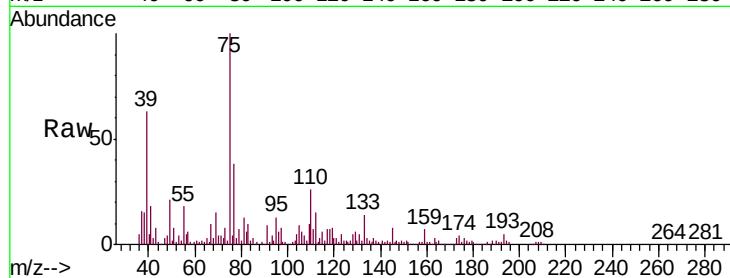
VW0211SBS01

Tgt Ion: 75 Resp: 147084

Ion Ratio Lower Upper

75 100

77 32.1 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 22.372 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008596.D

Acq: 11 Feb 2019 14:41

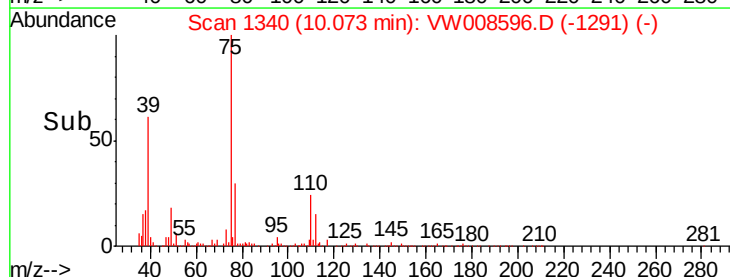
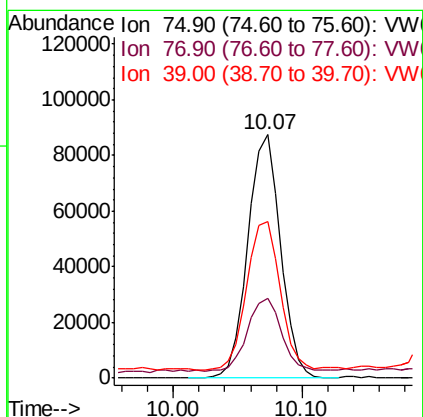
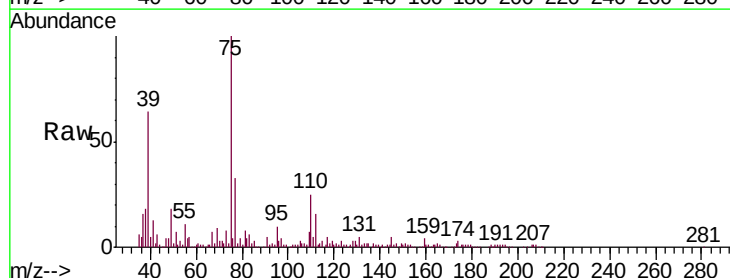
Tgt Ion: 75 Resp: 153094

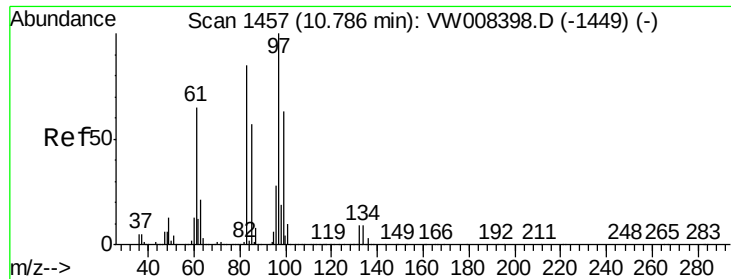
Ion Ratio Lower Upper

75 100

77 30.2 25.0 37.4

39 60.5 44.9 67.3

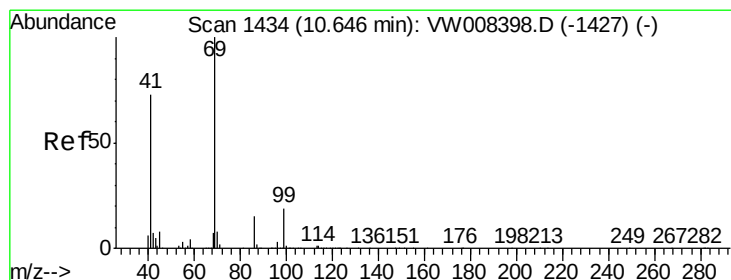
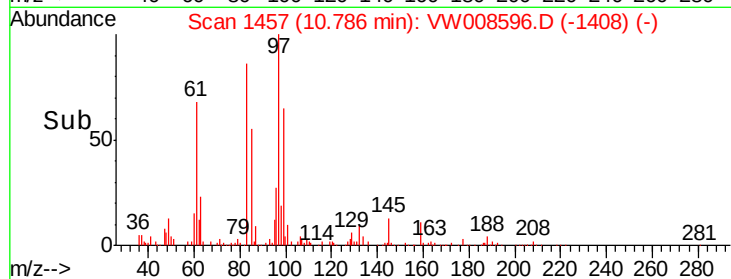
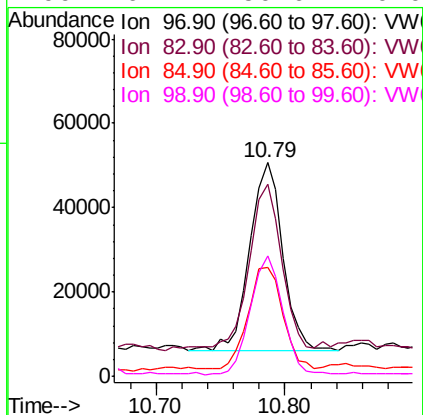
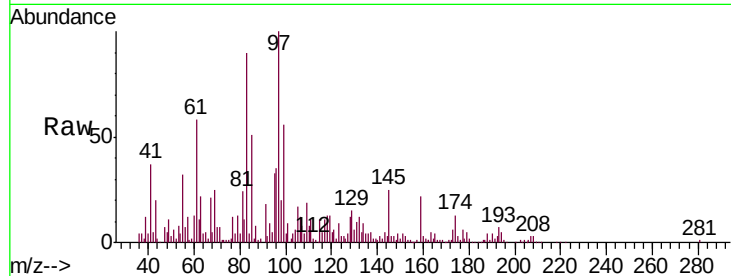




#55
 1,1,2-Trichloroethane
 Concen: 26.738 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008596.D
 Acq: 11 Feb 2019 14:41

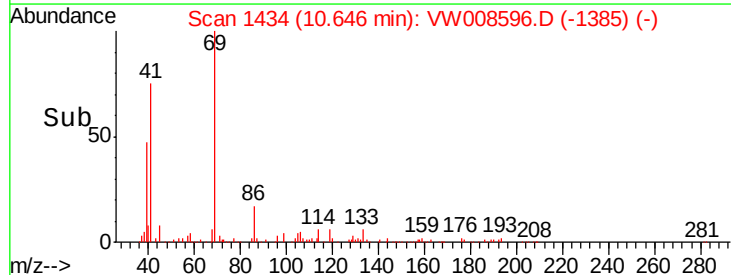
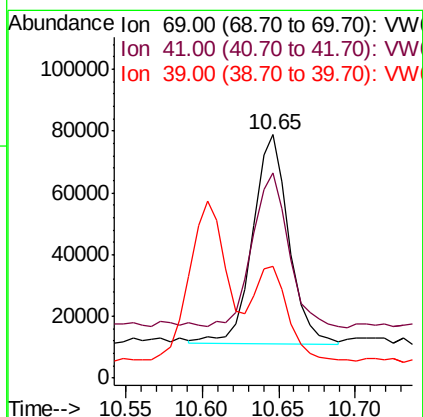
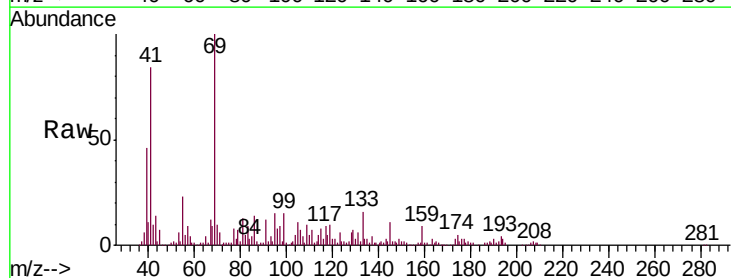
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0211SBS01

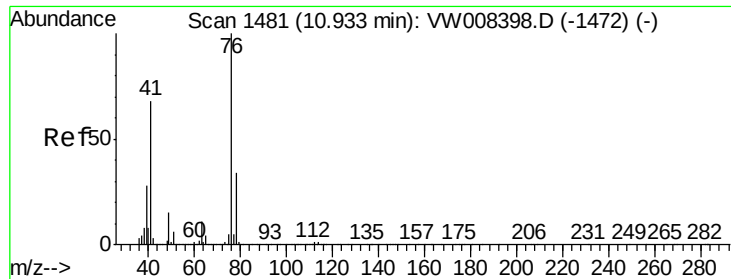
Tgt Ion:	97	Resp:	79460
Ion	Ratio	Lower	Upper
97	100		
83	86.0	68.4	102.6
85	53.4	45.3	67.9
99	62.7	50.6	76.0



#56
 Ethyl methacrylate
 Concen: 26.642 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008596.D
 Acq: 11 Feb 2019 14:41

Tgt Ion:	69	Resp:	110940
Ion	Ratio	Lower	Upper
69	100		
41	74.8	58.7	88.1
39	42.2	32.6	48.8





#57

1,3-Dichloropropane

Concen: 26.822 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW008596.D

Acq: 11 Feb 2019 14:41

Instrument :

MSVOA_W

ClientSampleId :

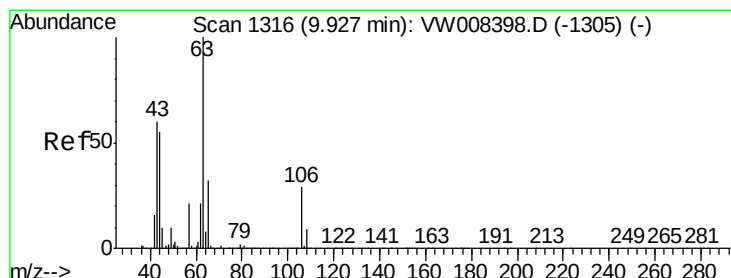
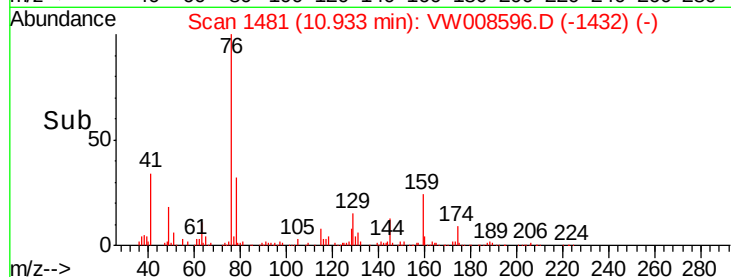
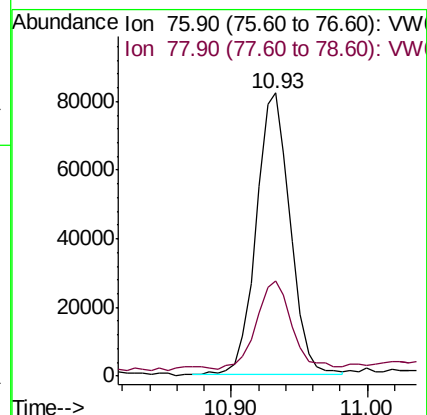
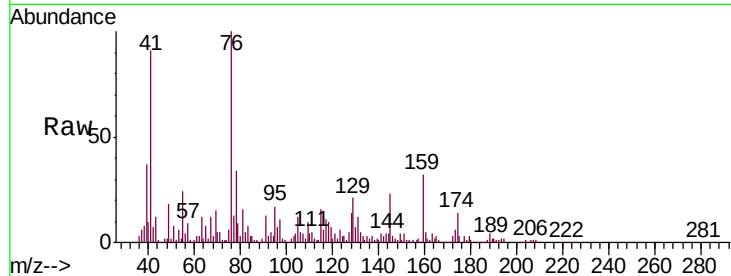
VW0211SBS01

Tgt Ion: 76 Resp: 142801

Ion Ratio Lower Upper

76 100

78 33.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 133.506 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VW008596.D

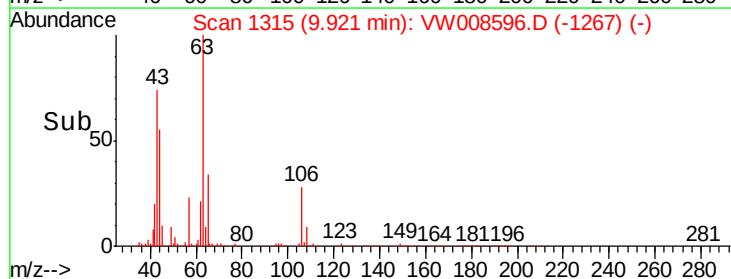
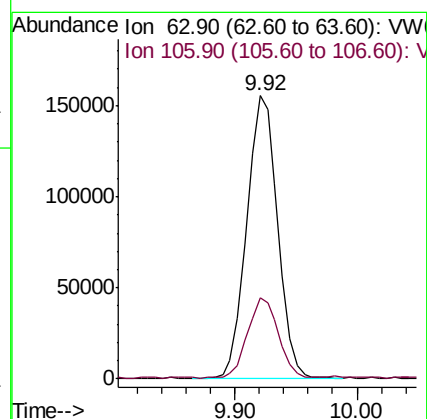
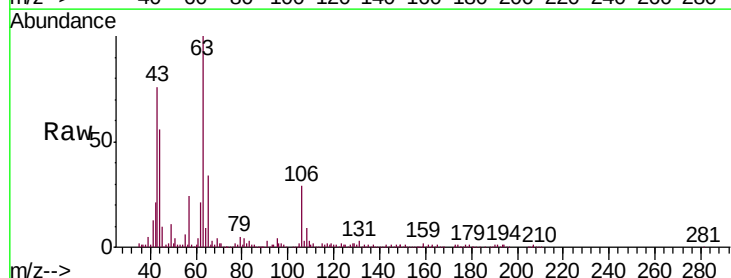
Acq: 11 Feb 2019 14:41

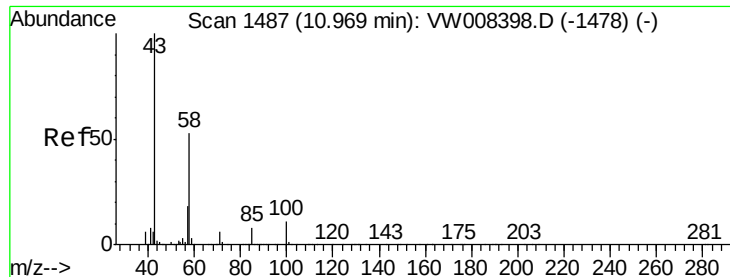
Tgt Ion: 63 Resp: 270109

Ion Ratio Lower Upper

63 100

106 28.3 22.4 33.6

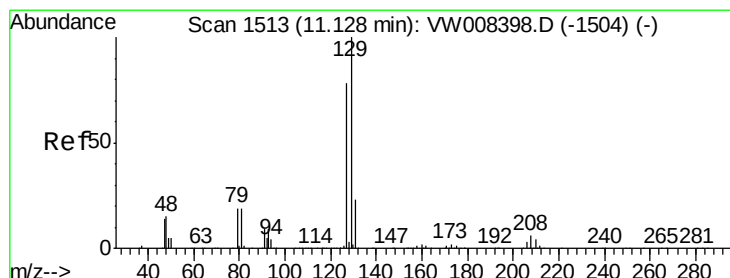
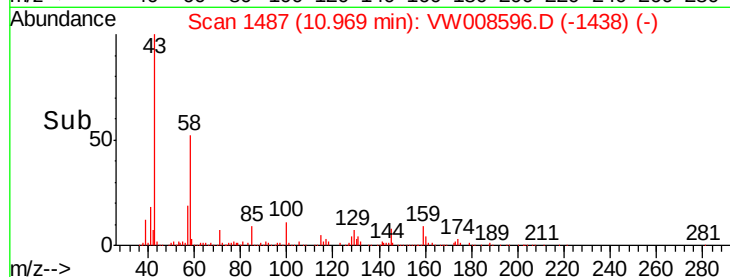
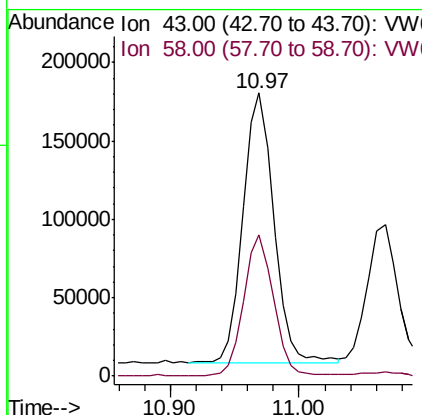
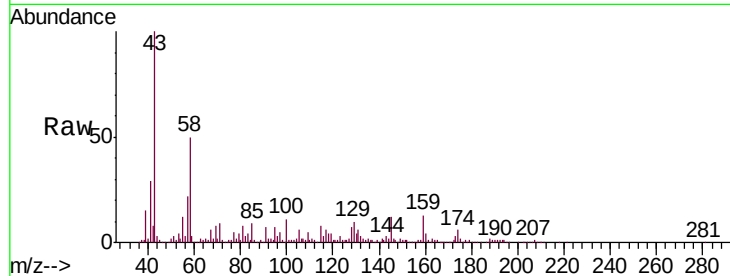




#59
2-Hexanone
Concen: 147.721 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008596.D
Acq: 11 Feb 2019 14:41

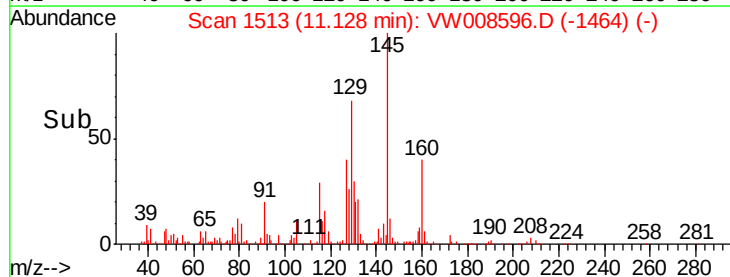
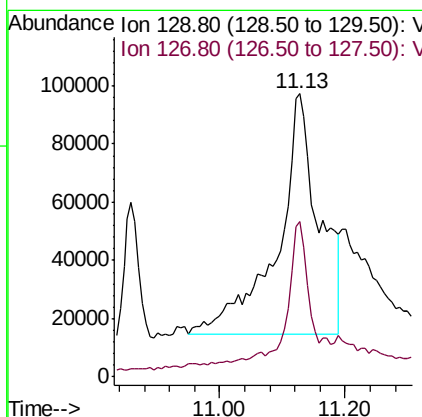
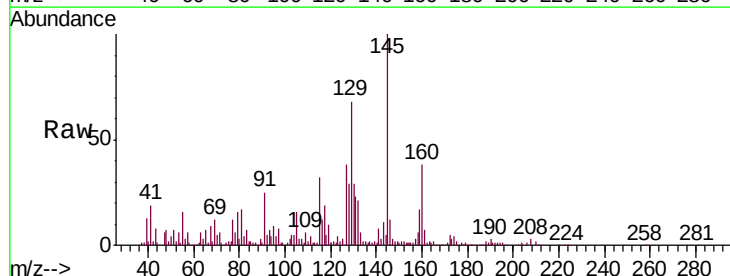
Instrument :
MSVOA_W
ClientSampleId :
VW0211SBS01

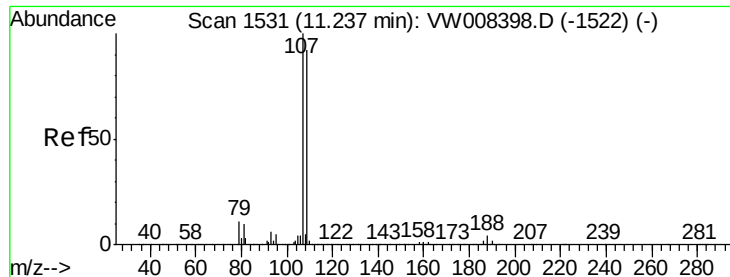
Tgt Ion: 43 Resp: 285105
Ion Ratio Lower Upper
43 100
58 50.0 25.9 77.7



#60
Dibromochloromethane
Concen: 98.774 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008596.D
Acq: 11 Feb 2019 14:41

Tgt Ion: 129 Resp: 377215
Ion Ratio Lower Upper
129 100
127 25.1 39.1 117.2#





#61

1,2-Dibromoethane

Concen: 28.046 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW008596.D

Acq: 11 Feb 2019 14:41

Instrument :

MSVOA_W

ClientSampleId :

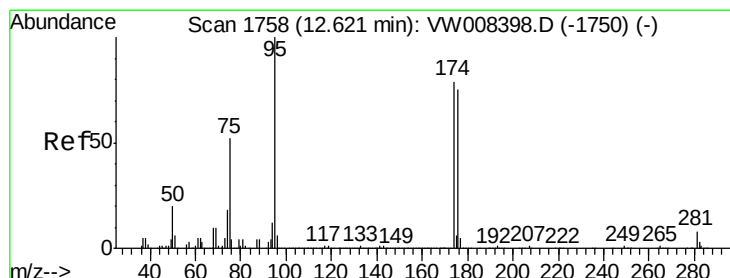
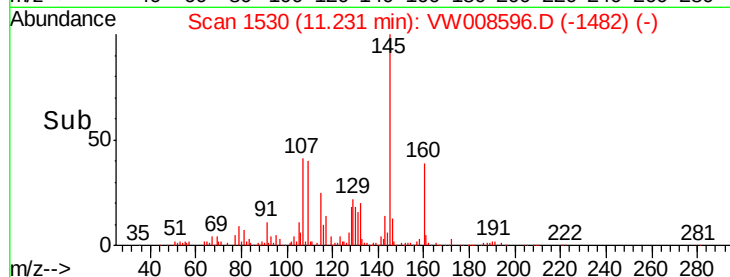
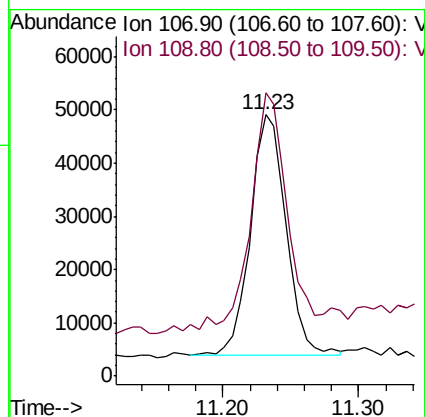
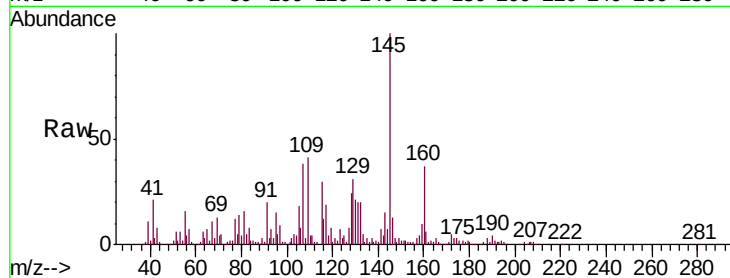
VW0211SBS01

Tgt Ion:107 Resp: 82642

Ion Ratio Lower Upper

107 100

109 101.9 75.0 112.4



#62

4-Bromofluorobenzene

Concen: 98.510 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008596.D

Acq: 11 Feb 2019 14:41

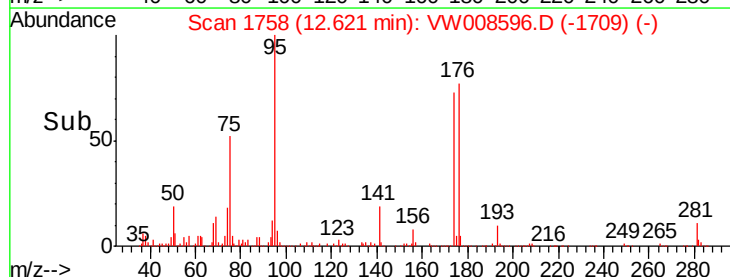
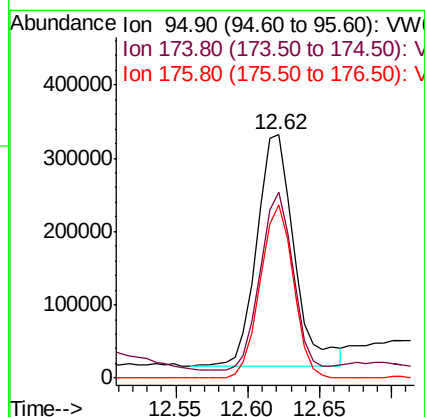
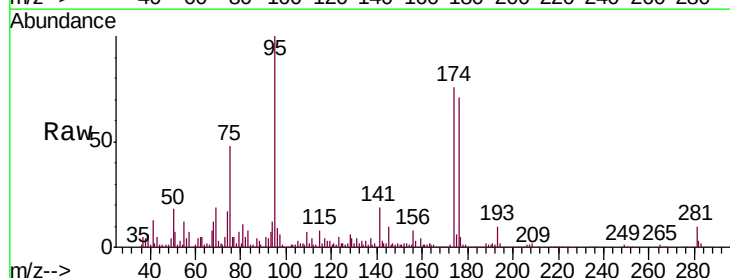
Tgt Ion: 95 Resp: 565900

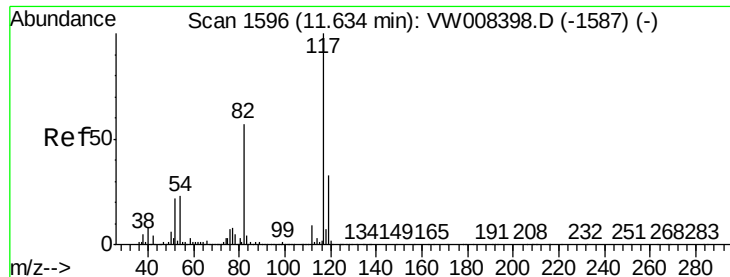
Ion Ratio Lower Upper

95 100

174 67.8 0.0 157.6

176 66.1 0.0 151.8

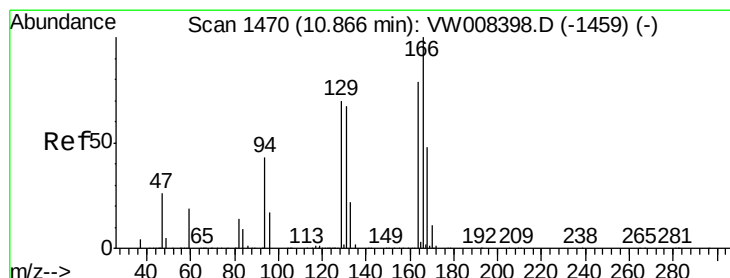
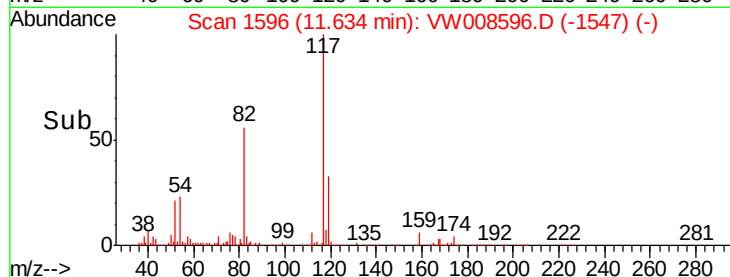
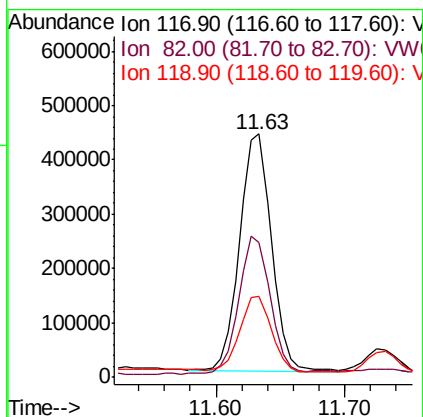
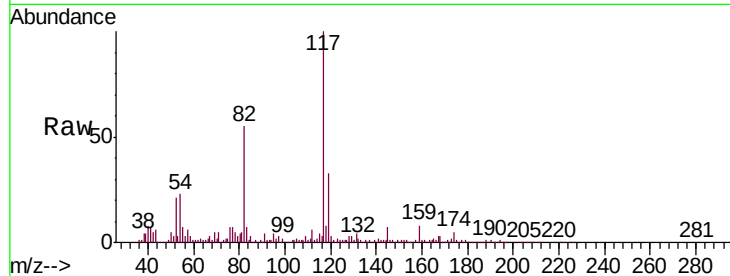




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008596.D
Acq: 11 Feb 2019 14:41

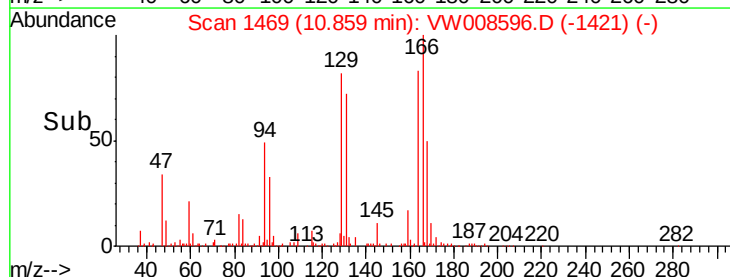
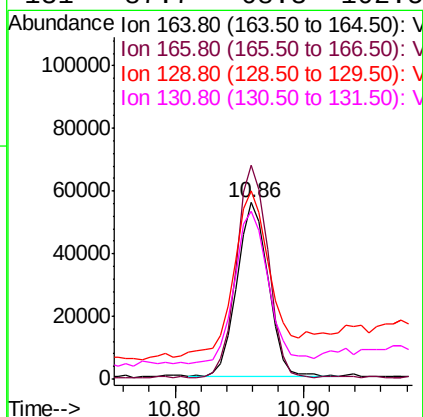
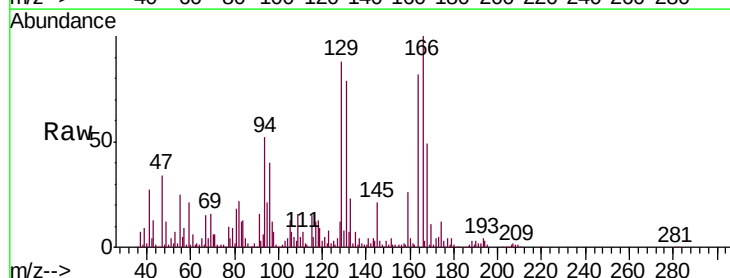
Instrument :
MSVOA_W
ClientSampleId :
VW0211SBS01

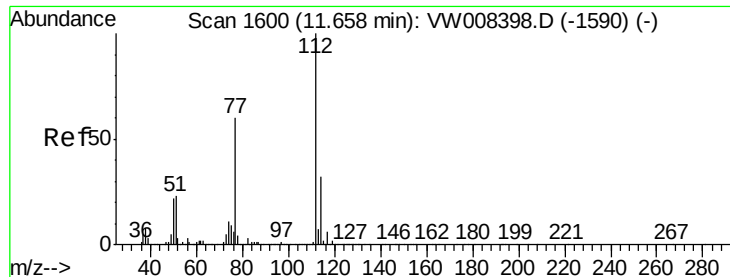
Tgt Ion:117 Resp: 743330
Ion Ratio Lower Upper
117 100
82 55.1 45.4 68.0
119 32.1 26.2 39.4



#64
Tetrachloroethene
Concen: 18.568 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008596.D
Acq: 11 Feb 2019 14:41

Tgt Ion:164 Resp: 93451
Ion Ratio Lower Upper
164 100
166 122.1 101.4 152.0
129 93.1 71.0 106.6
131 87.7 68.3 102.5





#65

Chlorobenzene

Concen: 21.017 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW008596.D

Acq: 11 Feb 2019 14:41

Instrument :

MSVOA_W

ClientSampleId :

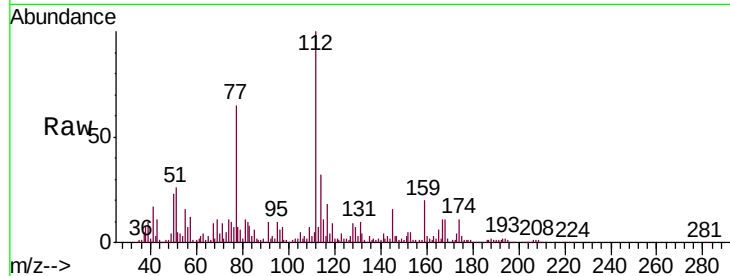
VW0211SBS01

Tgt Ion:112 Resp: 318907

Ion Ratio Lower Upper

112 100

114 32.2 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

200000

150000

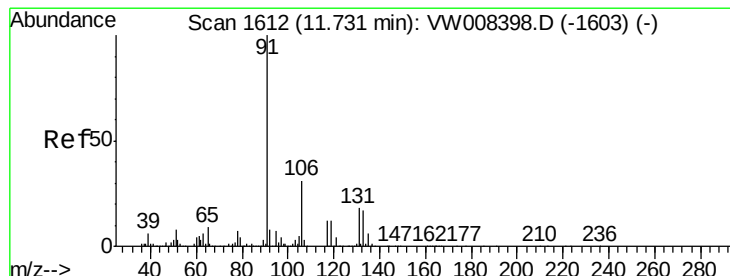
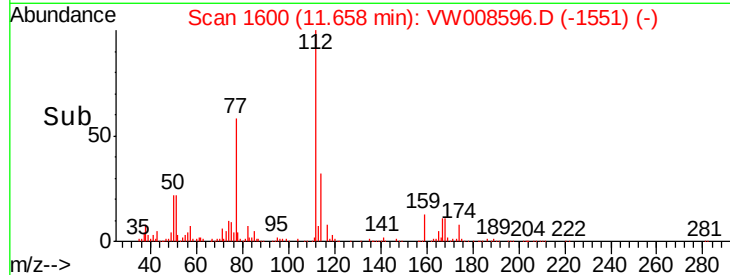
100000

50000

0

11.60 11.65 11.70

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 22.099 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008596.D

Acq: 11 Feb 2019 14:41

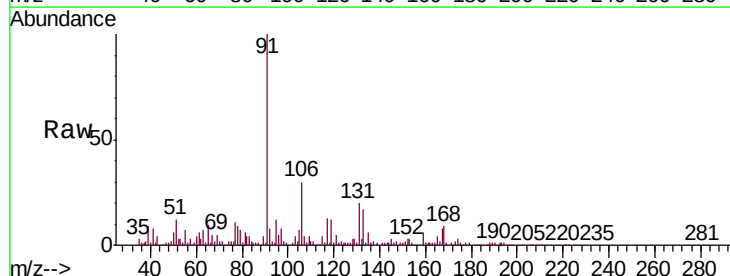
Tgt Ion:131 Resp: 119973

Ion Ratio Lower Upper

131 100

133 90.6 47.0 141.2

119 57.4 32.1 96.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

100000

80000

60000

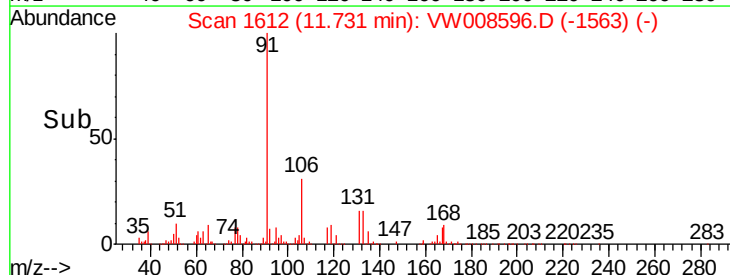
40000

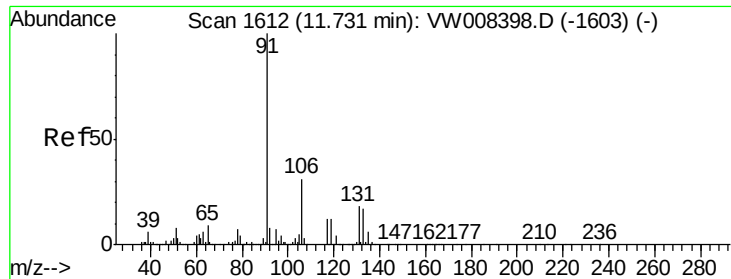
20000

0

11.70 11.75

Time-->

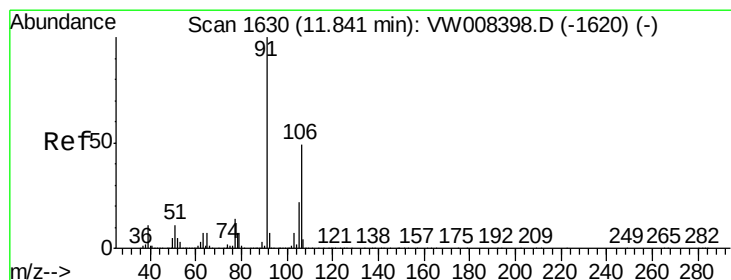
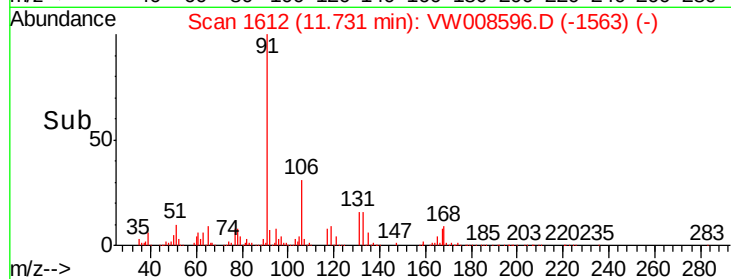
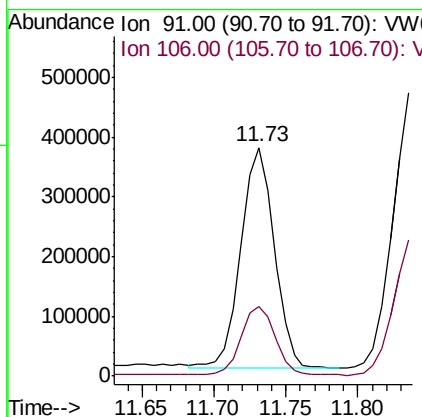
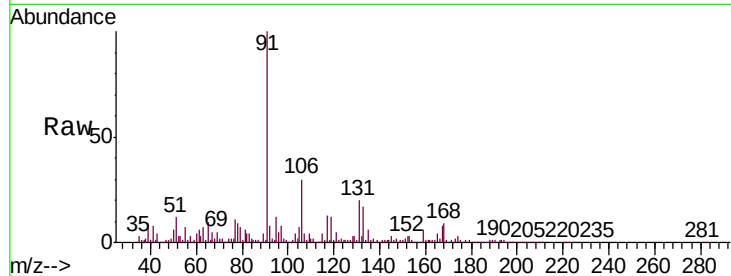




#67
Ethyl Benzene
Concen: 21.475 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008596.D
Acq: 11 Feb 2019 14:41

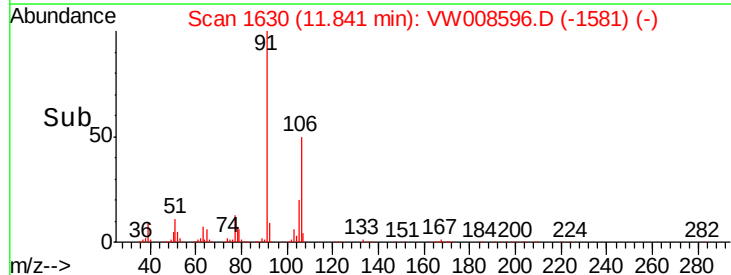
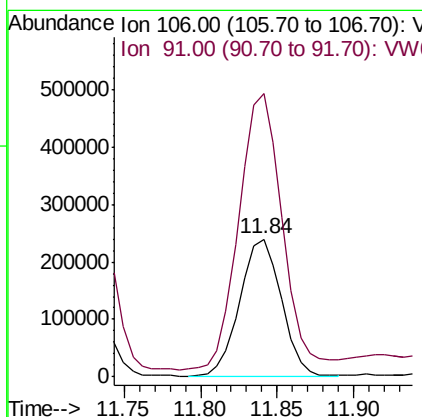
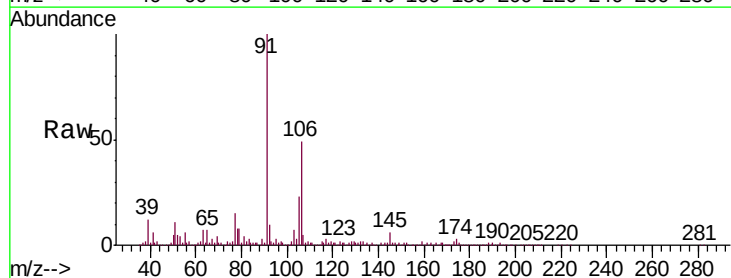
Instrument :
MSVOA_W
ClientSampleId :
VW0211SBS01

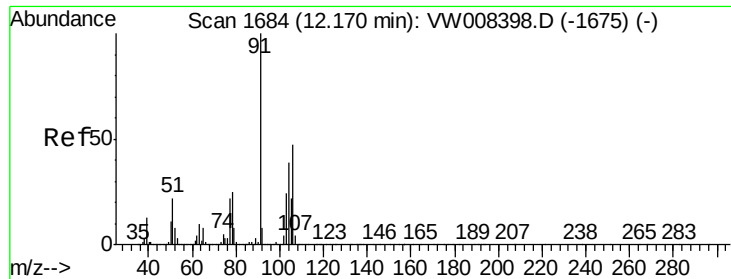
Tgt Ion: 91 Resp: 598985
Ion Ratio Lower Upper
91 100
106 30.8 24.7 37.1



#68
m/p-Xylenes
Concen: 41.373 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008596.D
Acq: 11 Feb 2019 14:41

Tgt Ion: 106 Resp: 447740
Ion Ratio Lower Upper
106 100
91 210.2 162.9 244.3

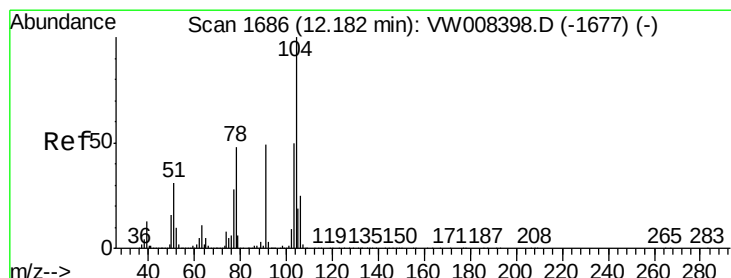
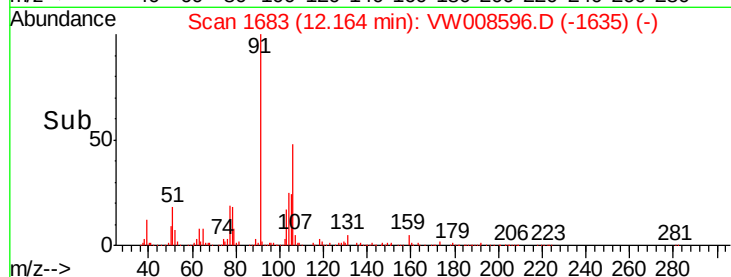
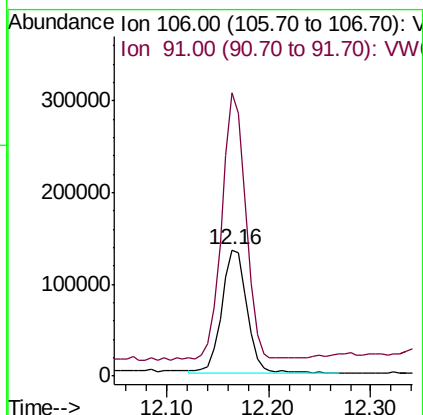
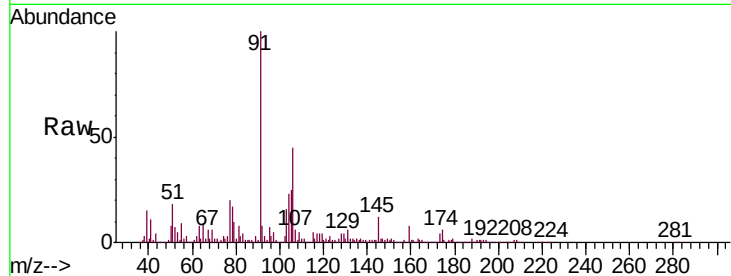




#69
o-Xylene
Concen: 22.876 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008596.D
Acq: 11 Feb 2019 14:41

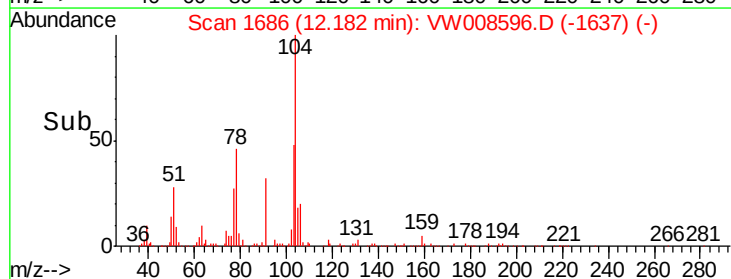
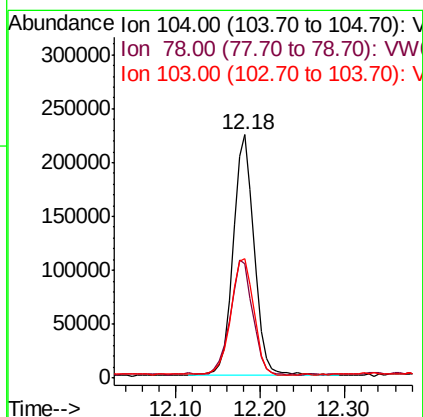
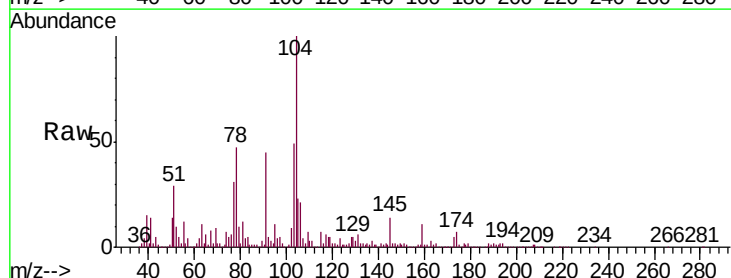
Instrument :
MSVOA_W
ClientSampleId :
VW0211SBS01

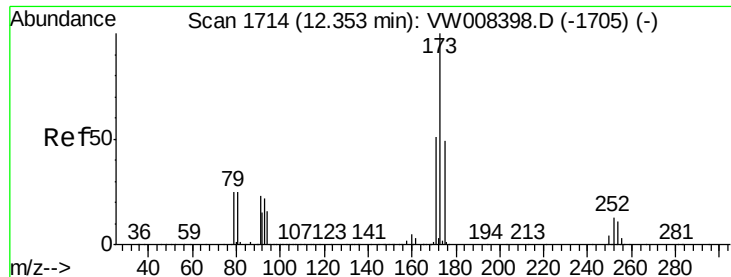
Tgt Ion:106 Resp: 235224
Ion Ratio Lower Upper
106 100
91 205.0 107.5 322.4



#70
Styrene
Concen: 22.065 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008596.D
Acq: 11 Feb 2019 14:41

Tgt Ion:104 Resp: 374775
Ion Ratio Lower Upper
104 100
78 51.4 42.4 63.6
103 53.1 43.4 65.0





#71

Bromoform

Concen: 29.646 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW008596.D

Acq: 11 Feb 2019 14:41

Instrument :

MSVOA_W

ClientSampleId :

VW0211SBS01

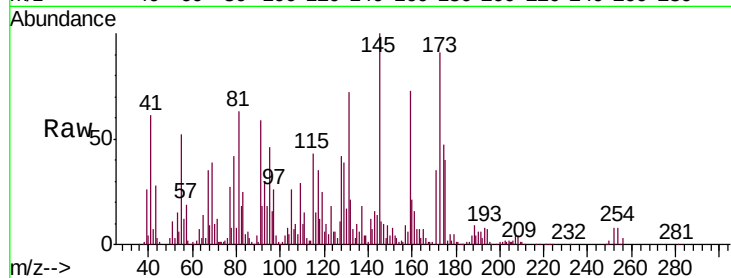
Tgt Ion:173 Resp: 90556

Ion Ratio Lower Upper

173 100

175 35.7 24.4 73.4

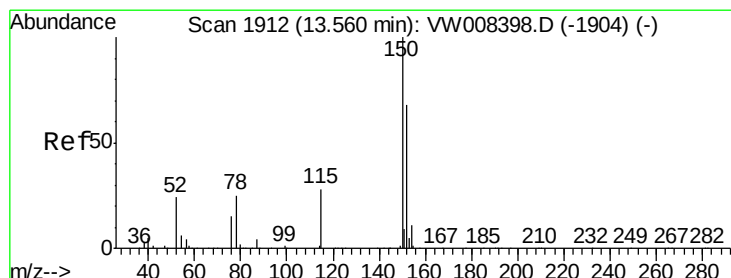
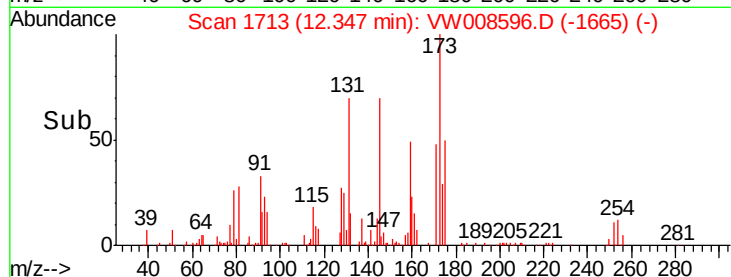
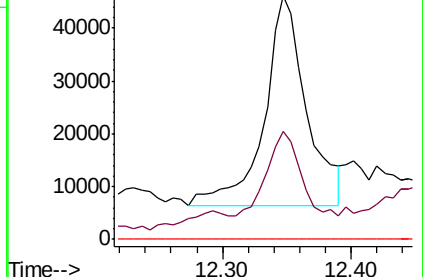
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008596.D

Acq: 11 Feb 2019 14:41

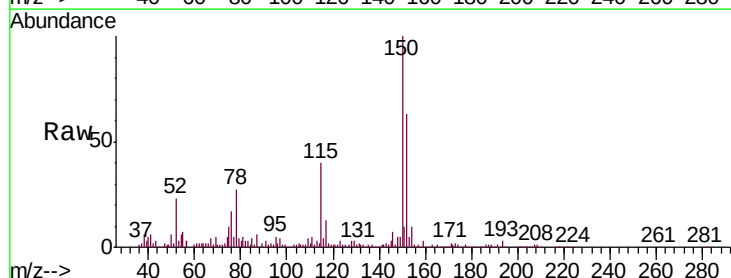
Tgt Ion:152 Resp: 398576

Ion Ratio Lower Upper

152 100

115 59.7 29.9 89.7

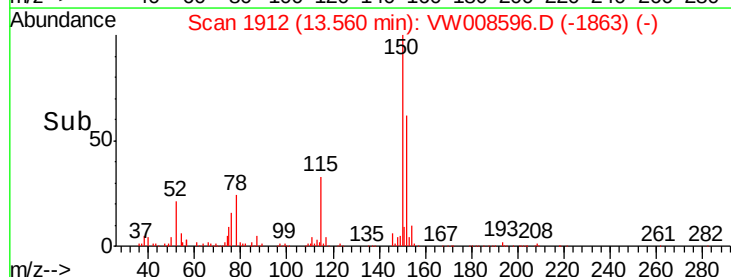
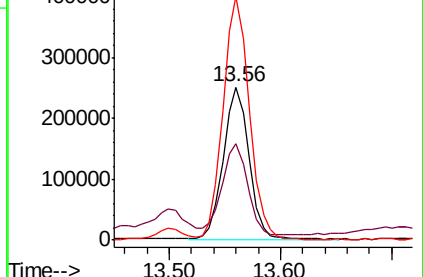
150 161.8 0.0 351.4

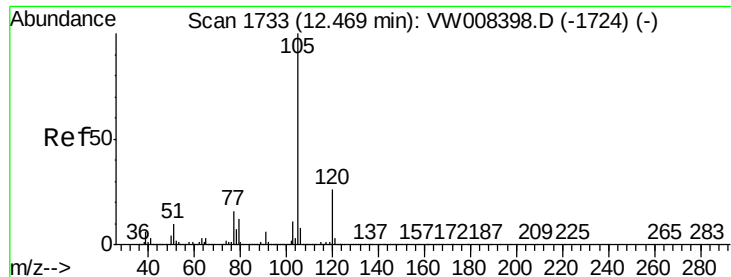


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 26.277 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW008596.D

Acq: 11 Feb 2019 14:41

Instrument :

MSVOA_W

ClientSampleId :

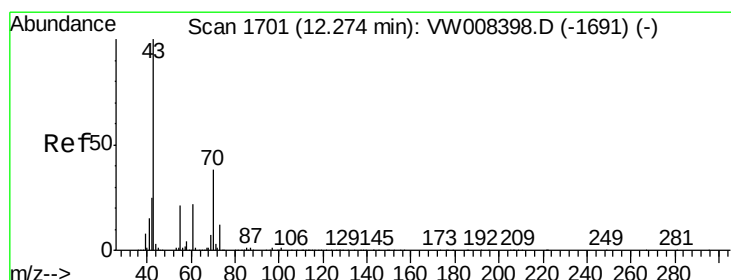
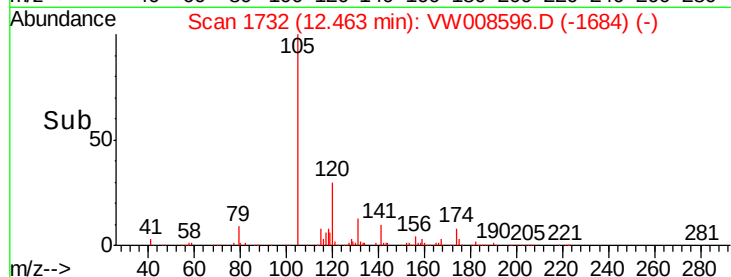
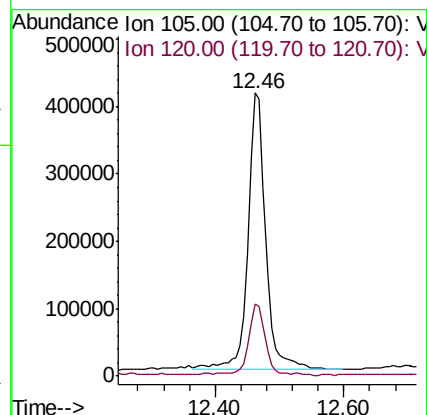
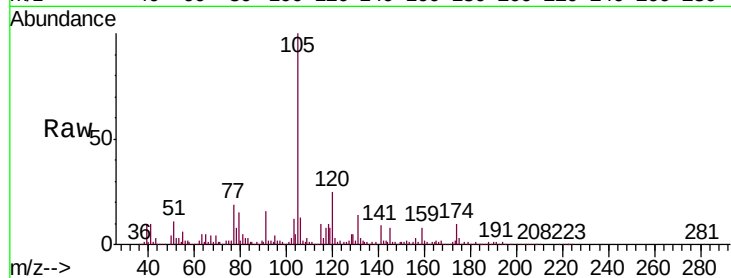
VW0211SBS01

Tgt Ion: 105 Resp: 780802

Ion Ratio Lower Upper

105 100

120 23.9 13.3 39.8



#74

N-ethyl acetate

Concen: 21.510 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008596.D

Acq: 11 Feb 2019 14:41

Tgt Ion: 43 Resp: 164660

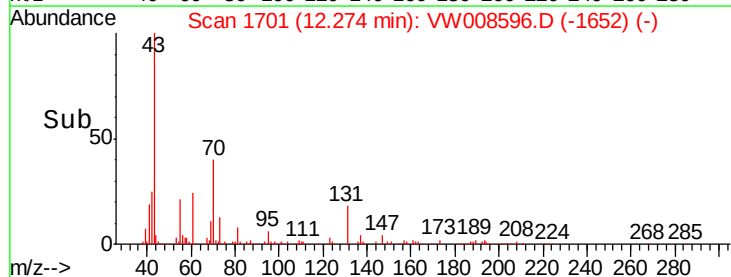
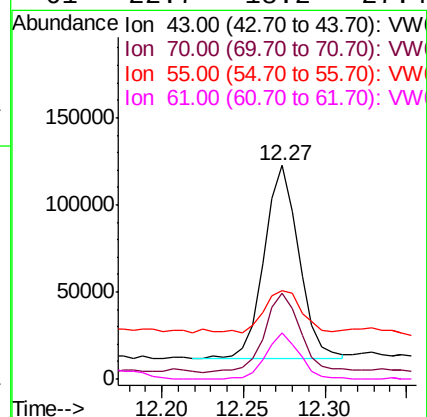
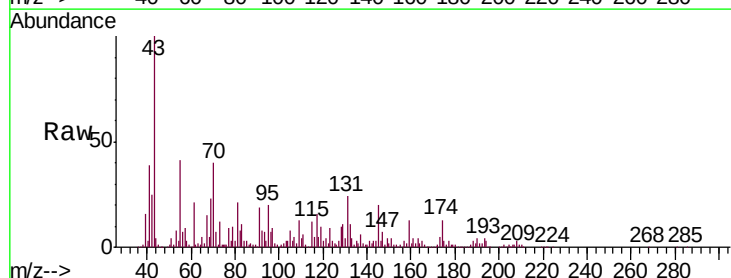
Ion Ratio Lower Upper

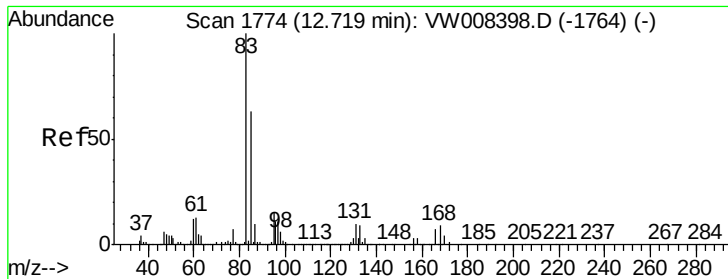
43 100

70 41.9 31.0 46.6

55 24.9 17.4 26.2

61 22.7 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 75.698 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008596.D

Acq: 11 Feb 2019 14:41

Instrument :

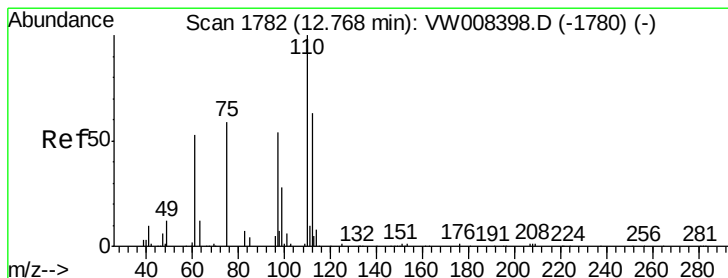
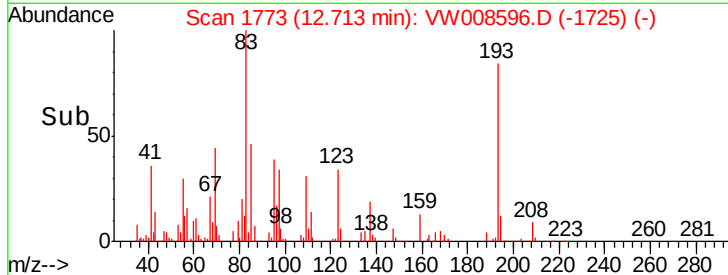
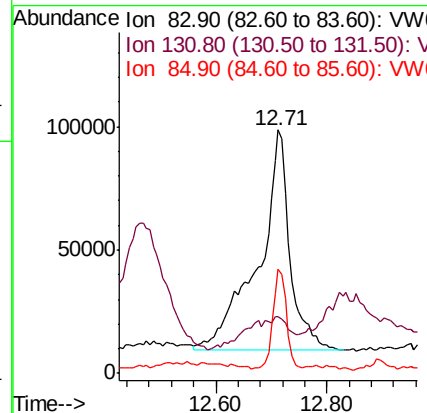
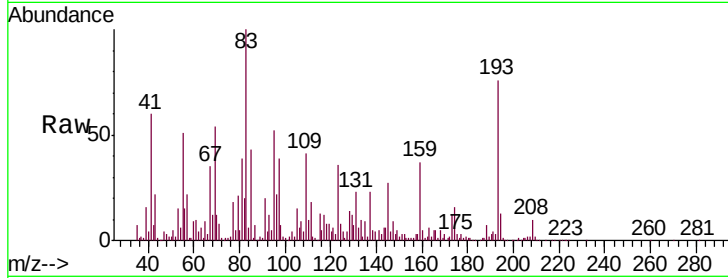
MSVOA_W

ClientSampleId :

VW0211SBS01

Tgt Ion: 83 Resp: 356113

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.5	16.4#
85	19.1	31.9	95.5#



#76

1,2,3-Trichloropropane

Concen: 41.844 ug/l

RT: 12.77 min Scan# 1782

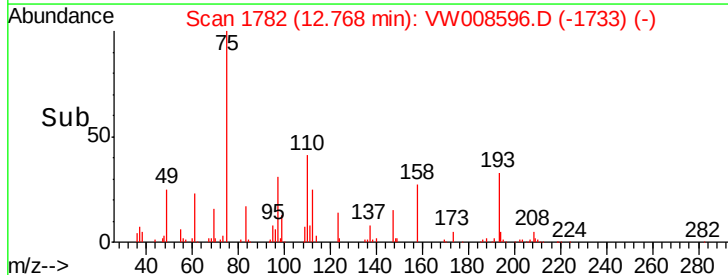
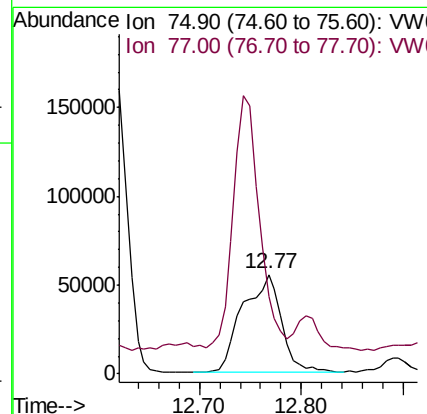
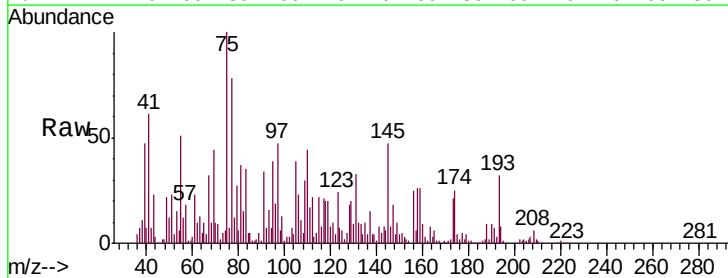
Delta R.T. 0.00 min

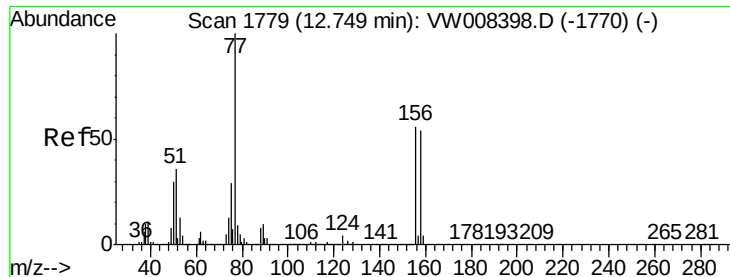
Lab File: VW008596.D

Acq: 11 Feb 2019 14:41

Tgt Ion: 75 Resp: 145005

Ion	Ratio	Lower	Upper
75	100		
77	0.0	180.7	542.1#

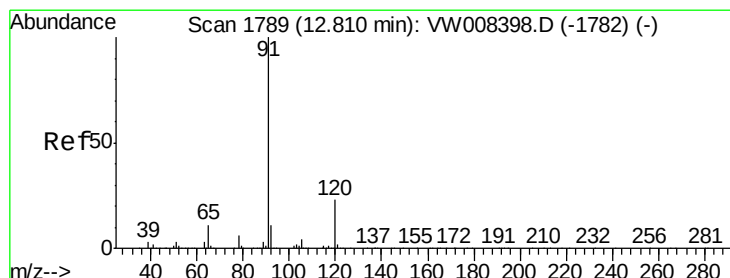
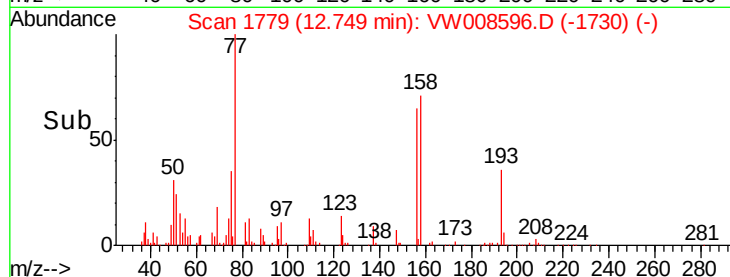
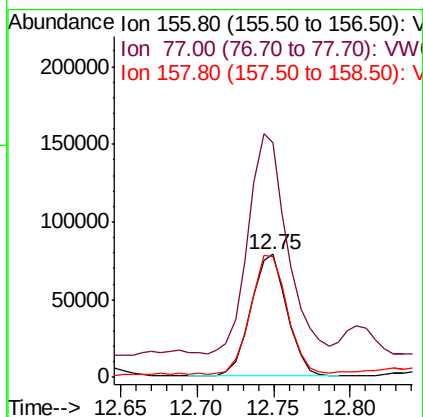
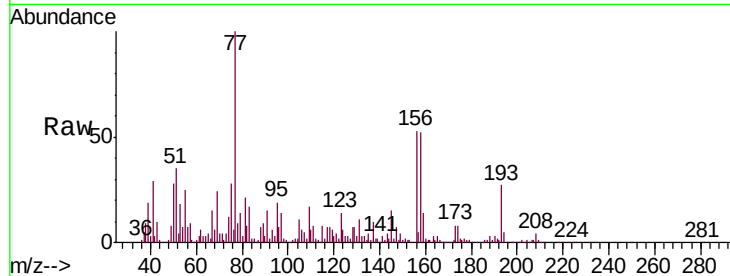




#77
Bromobenzene
Concen: 19.852 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW008596.D
Acq: 11 Feb 2019 14:41

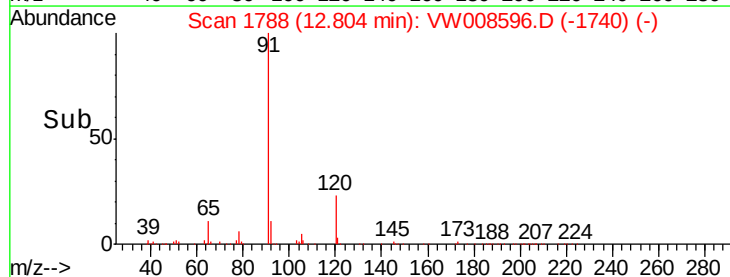
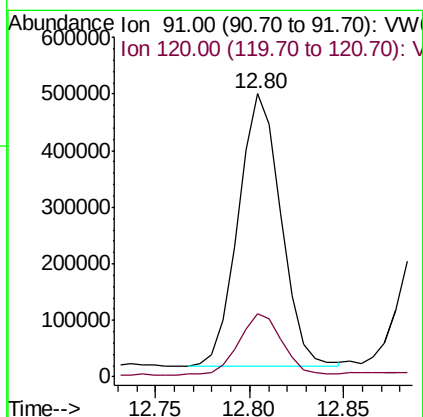
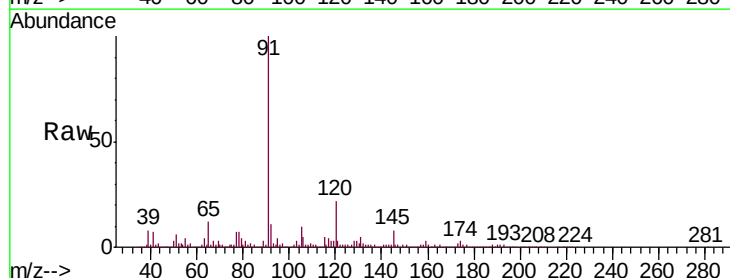
Instrument :
MSVOA_W
ClientSampleId :
VW0211SBS01

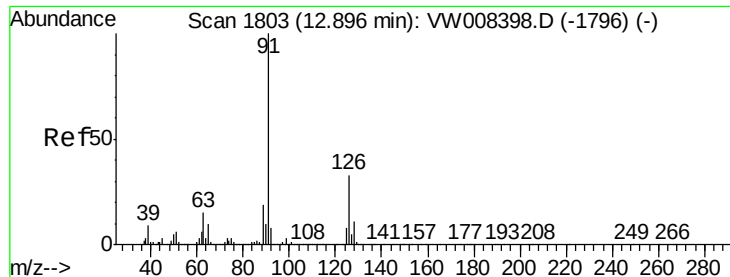
Tgt Ion: 156 Resp: 128831
Ion Ratio Lower Upper
156 100
77 195.5 96.9 290.7
158 99.8 48.8 146.4



#78
n-propylbenzene
Concen: 21.222 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.01 min
Lab File: VW008596.D
Acq: 11 Feb 2019 14:41

Tgt Ion: 91 Resp: 757384
Ion Ratio Lower Upper
91 100
120 22.4 11.4 34.1





#79

2-Chlorotoluene

Concen: 21.722 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW008596.D

Acq: 11 Feb 2019 14:41

Instrument :

MSVOA_W

ClientSampleId :

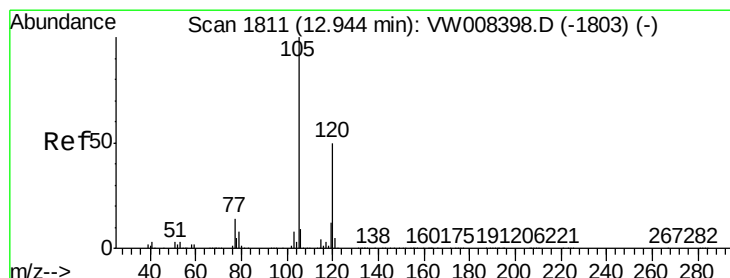
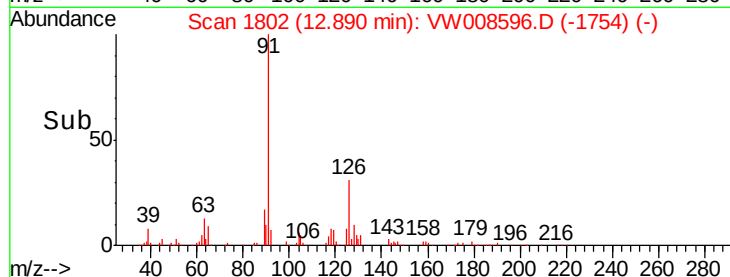
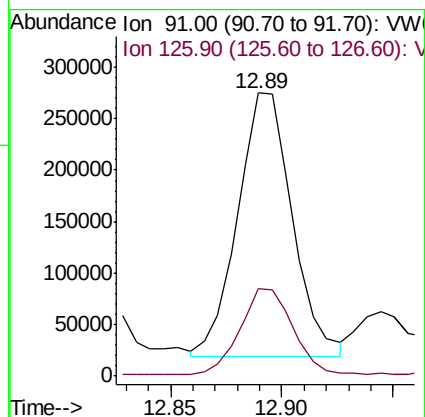
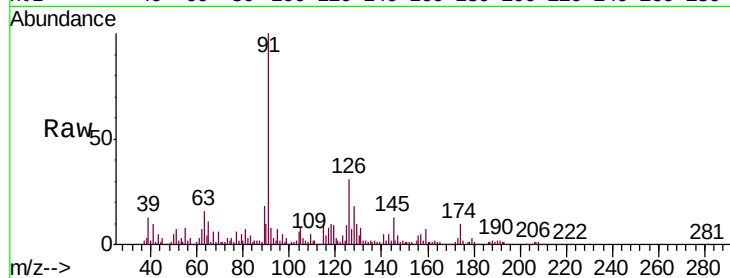
VW0211SBS01

Tgt Ion: 91 Resp: 437472

Ion Ratio Lower Upper

91 100

126 31.7 16.5 49.5



#80

1,3,5-Trimethylbenzene

Concen: 23.200 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008596.D

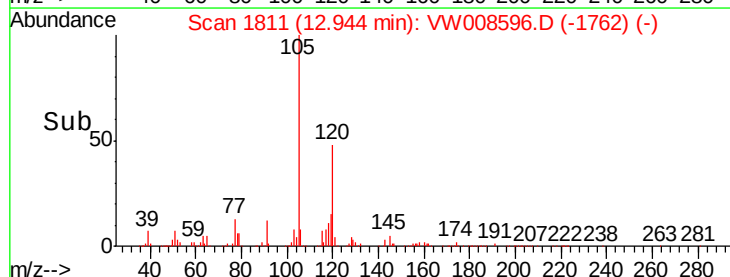
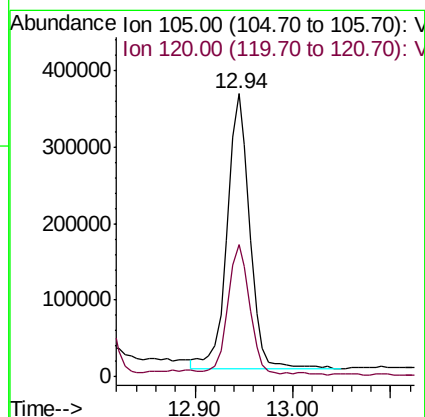
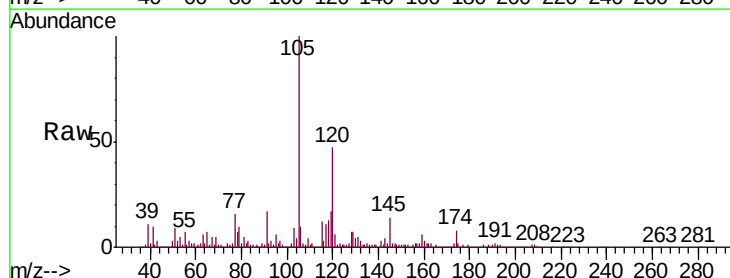
Acq: 11 Feb 2019 14:41

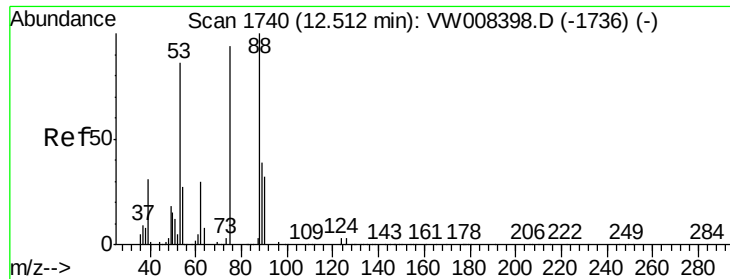
Tgt Ion: 105 Resp: 576195

Ion Ratio Lower Upper

105 100

120 44.8 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 21.452 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW008596.D

Acq: 11 Feb 2019 14:41

Instrument :

MSVOA_W

ClientSampleId :

VW0211SBS01

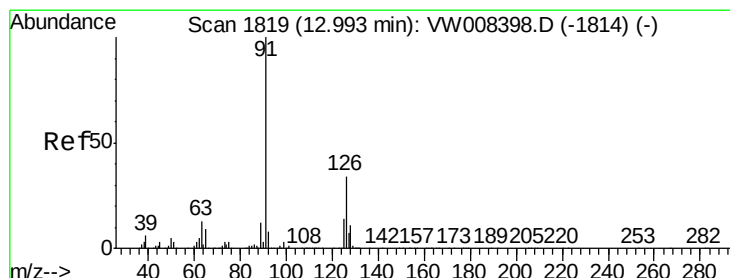
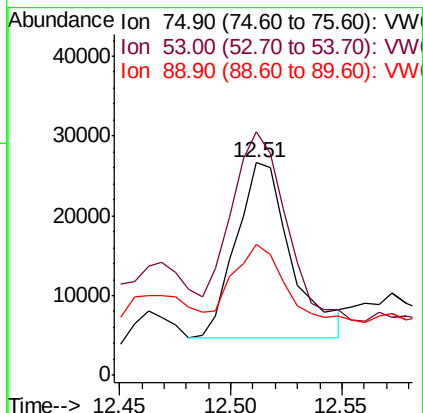
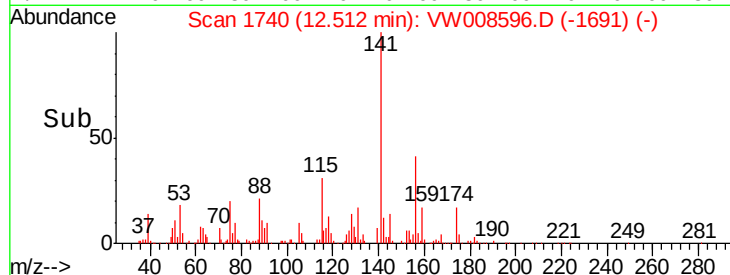
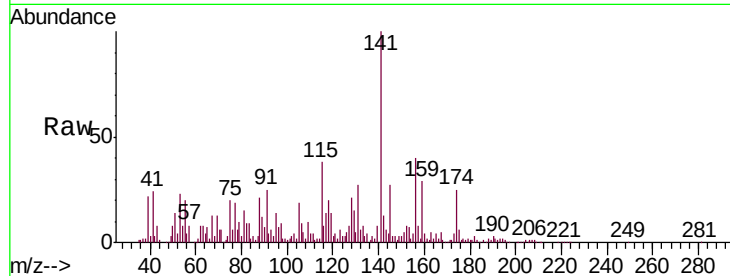
Tgt Ion: 75 Resp: 37638

Ion Ratio Lower Upper

75 100

53 108.9 76.0 114.0

89 53.6 35.4 53.0#



#82

4-Chlorotoluene

Concen: 21.001 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW008596.D

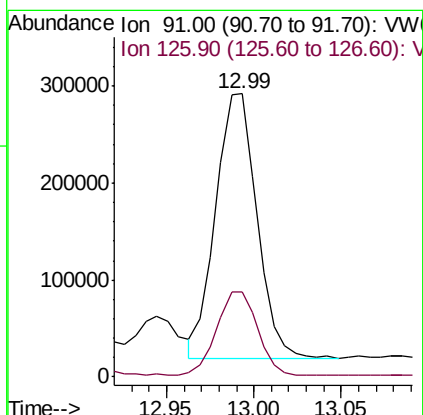
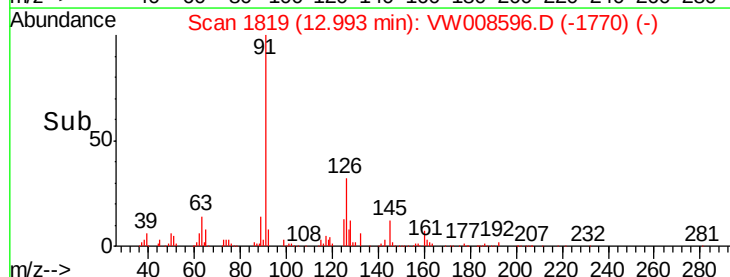
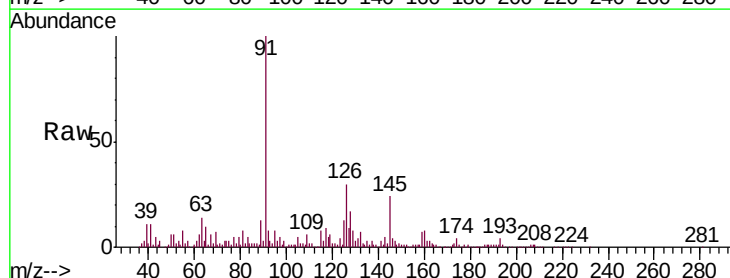
Acq: 11 Feb 2019 14:41

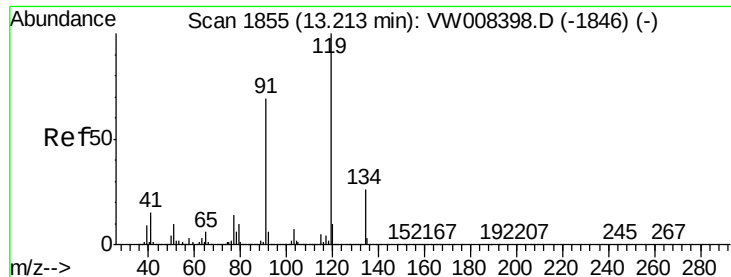
Tgt Ion: 91 Resp: 450297

Ion Ratio Lower Upper

91 100

126 31.2 16.4 49.2





#83

tert-Butylbenzene

Concen: 24.646 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.01 min

Lab File: VW008596.D

Acq: 11 Feb 2019 14:41

Instrument :

MSVOA_W

ClientSampleId :

VW0211SBS01

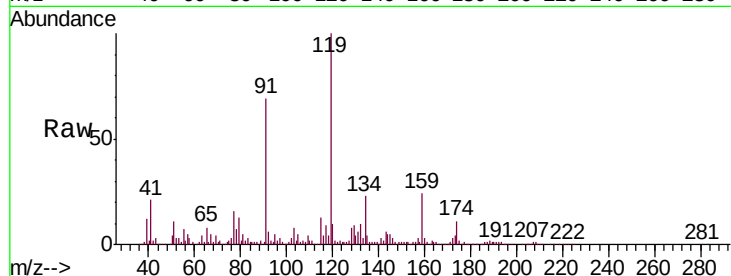
Tgt Ion:119 Resp: 544709

Ion Ratio Lower Upper

119 100

91 62.4 33.8 101.4

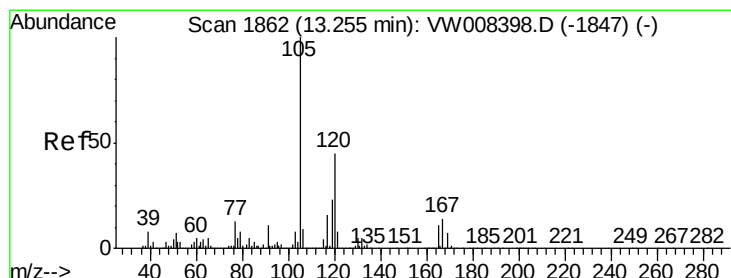
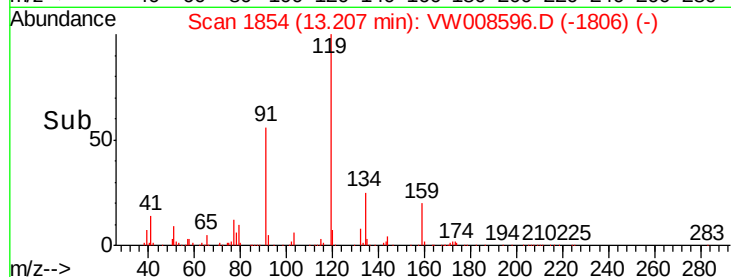
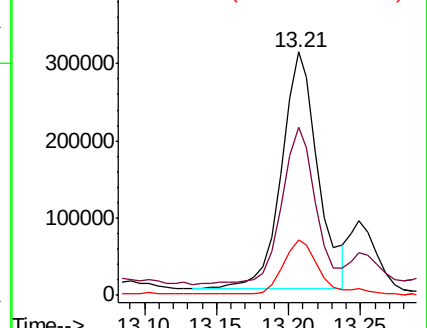
134 23.1 13.5 40.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.230 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.01 min

Lab File: VW008596.D

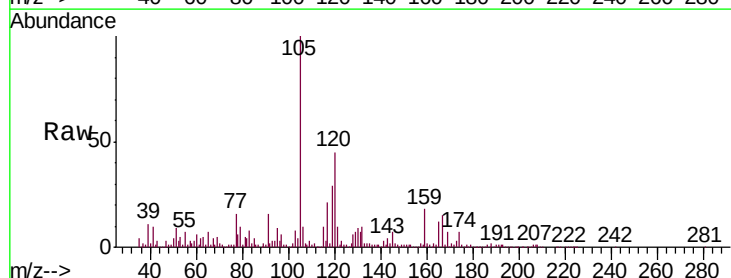
Acq: 11 Feb 2019 14:41

Tgt Ion:105 Resp: 535936

Ion Ratio Lower Upper

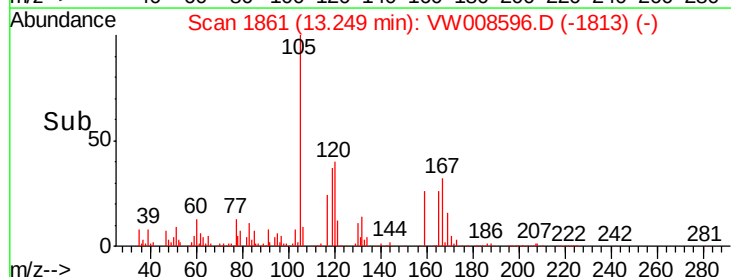
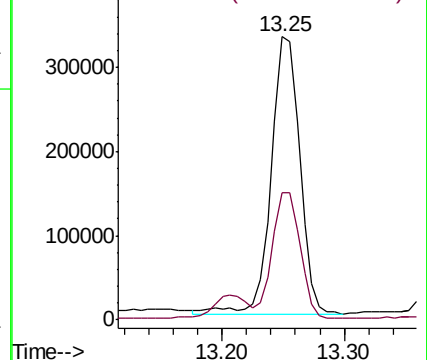
105 100

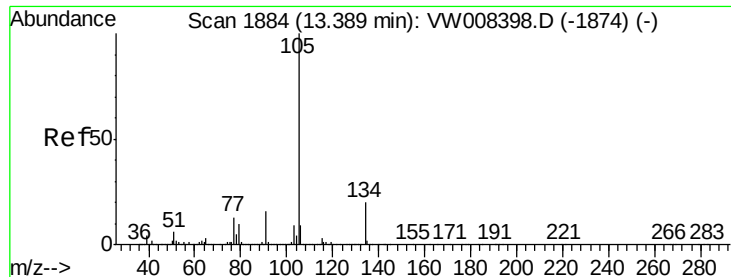
120 44.5 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.478 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VW008596.D

Acq: 11 Feb 2019 14:41

Instrument :

MSVOA_W

ClientSampleId :

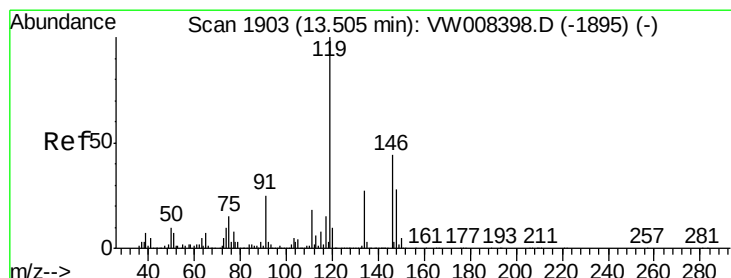
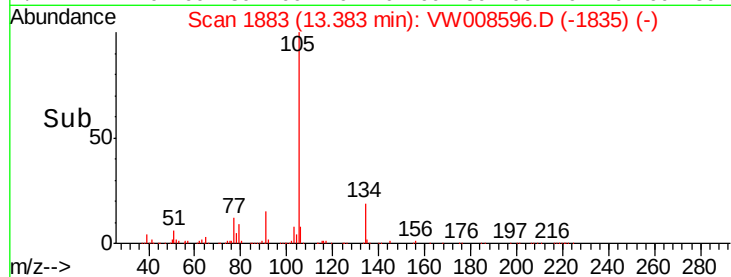
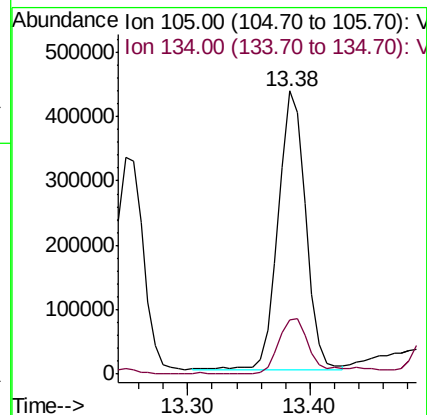
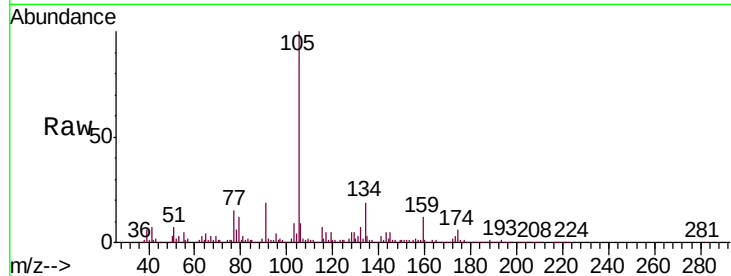
VW0211SBS01

Tgt Ion:105 Resp: 677928

Ion Ratio Lower Upper

105 100

134 22.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 21.503 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW008596.D

Acq: 11 Feb 2019 14:41

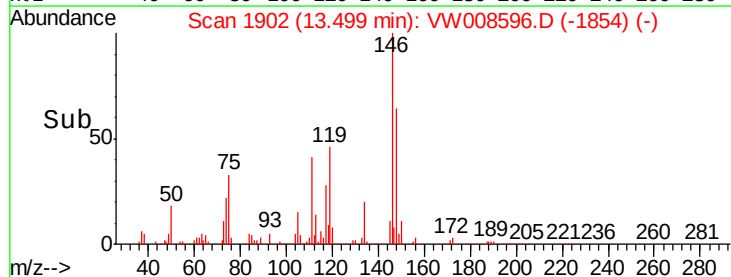
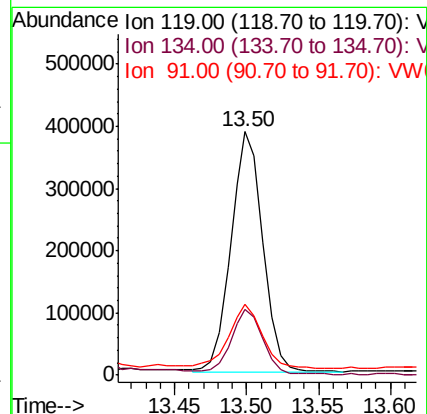
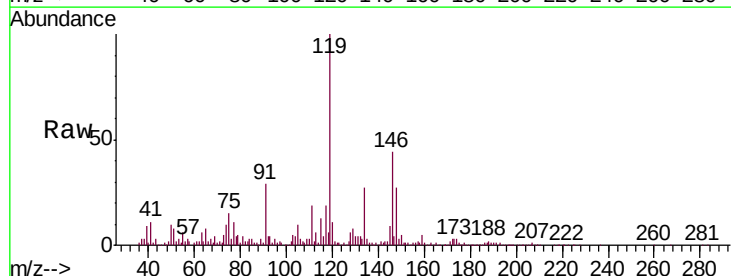
Tgt Ion:119 Resp: 594515

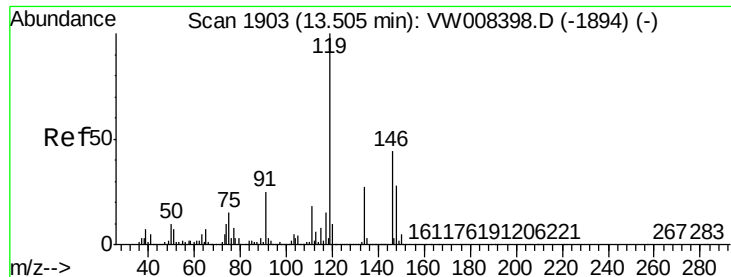
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

91 28.3 12.6 37.6





#87

1,3-Dichlorobenzene

Concen: 21.246 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

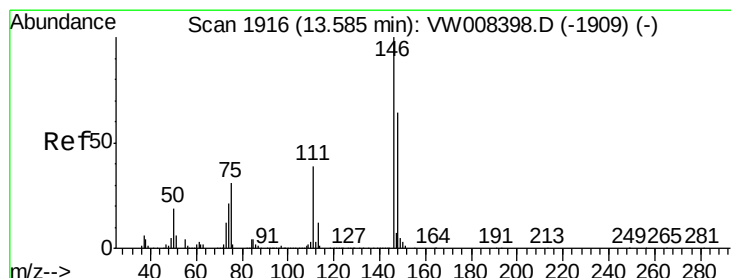
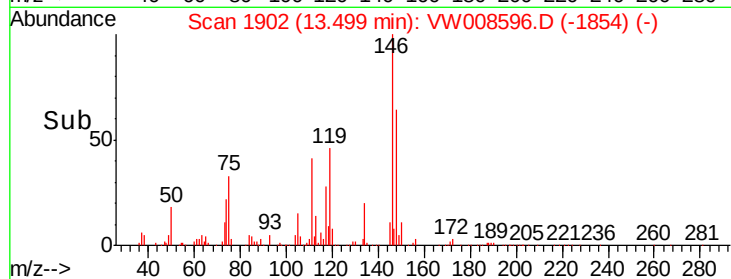
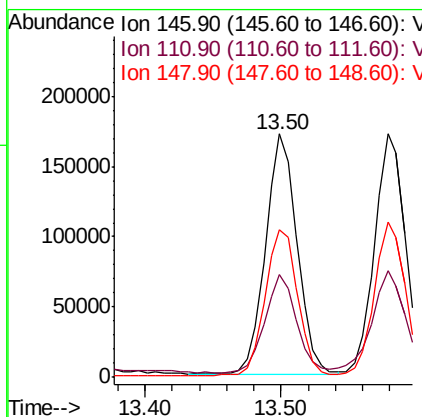
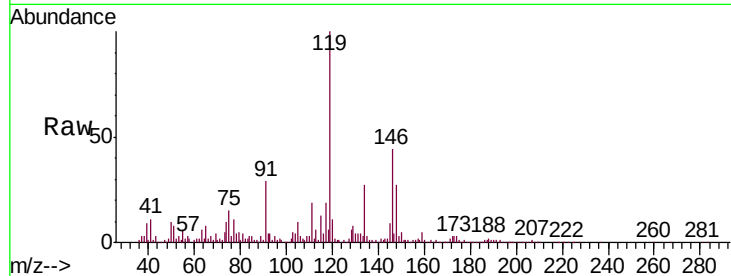
Lab File: VW008596.D

Acq: 11 Feb 2019 14:41

Instrument :
MSVOA_W
ClientSampleId :
VW0211SBS01

Tgt Ion:146 Resp: 278441

Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.3	60.9
148	62.6	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 20.577 ug/l

RT: 13.58 min Scan# 1915

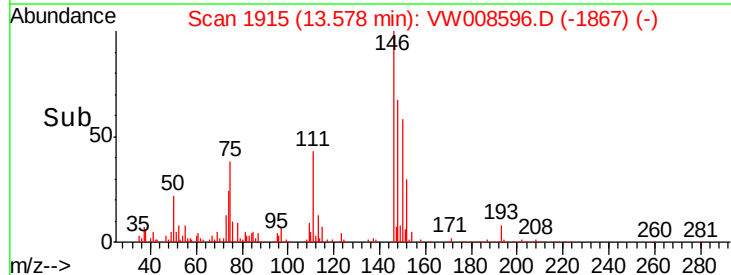
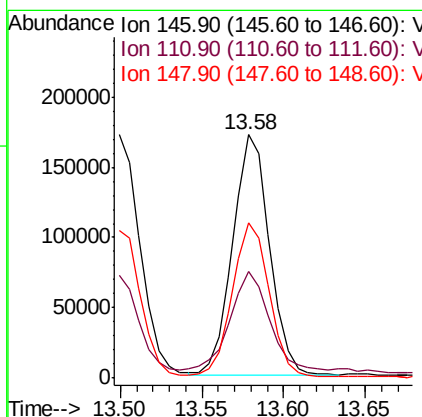
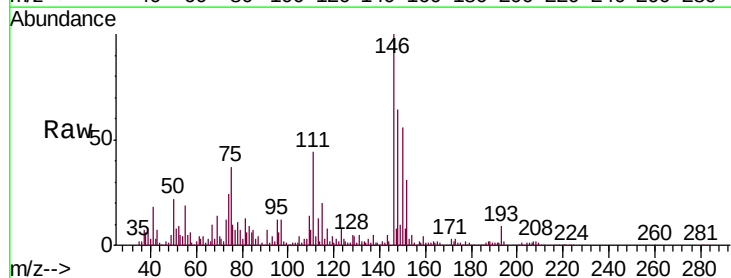
Delta R.T. -0.01 min

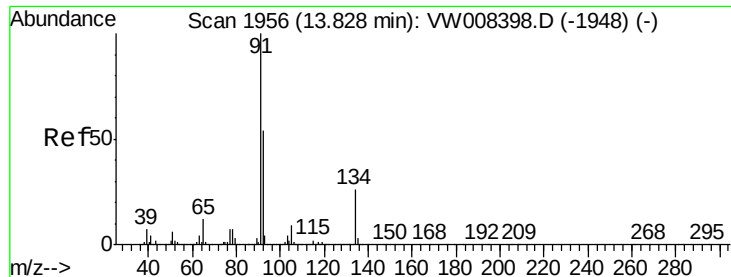
Lab File: VW008596.D

Acq: 11 Feb 2019 14:41

Tgt Ion:146 Resp: 268010

Ion	Ratio	Lower	Upper
146	100		
111	49.0	20.0	60.0
148	65.2	32.0	96.2





#89

n-Butylbenzene

Concen: 21.076 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008596.D

Acq: 11 Feb 2019 14:41

Instrument :

MSVOA_W

ClientSampleId :

VW0211SBS01

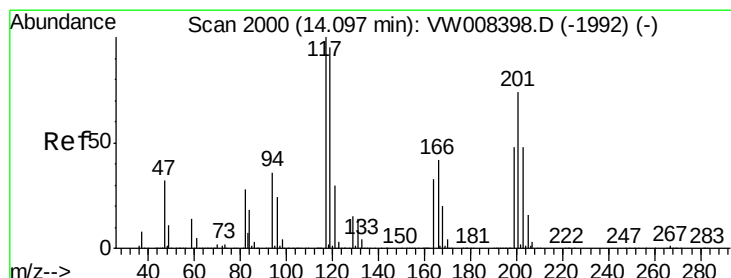
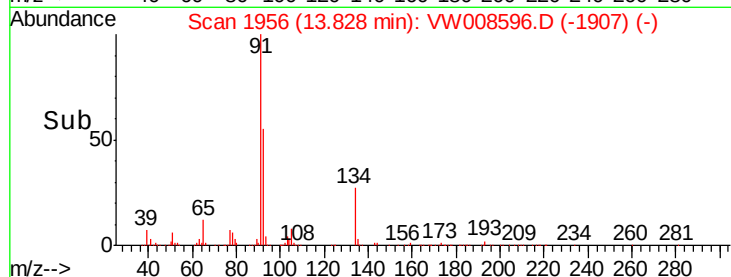
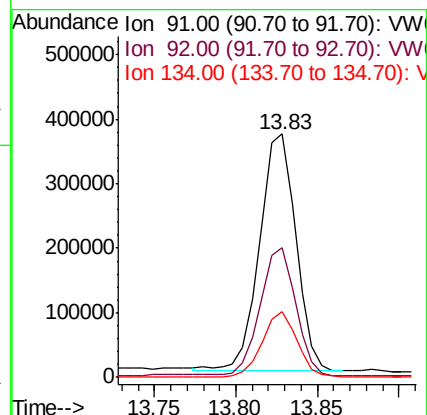
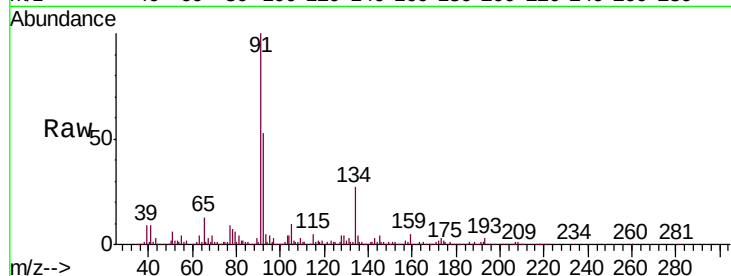
Tgt Ion: 91 Resp: 572140

Ion Ratio Lower Upper

91 100

92 52.8 27.4 82.2

134 26.0 13.0 39.0



#90

Hexachloroethane

Concen: 21.013 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008596.D

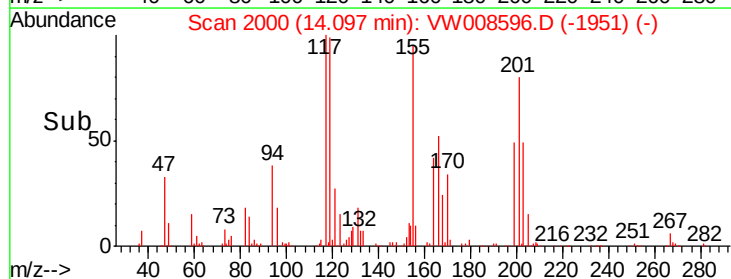
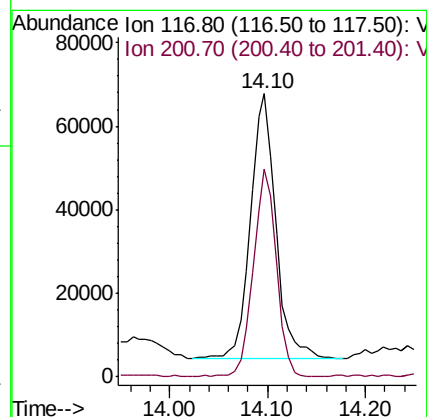
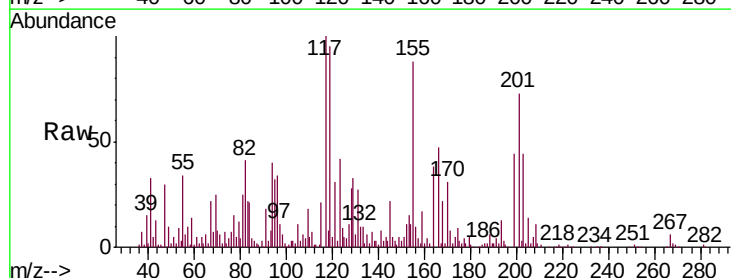
Acq: 11 Feb 2019 14:41

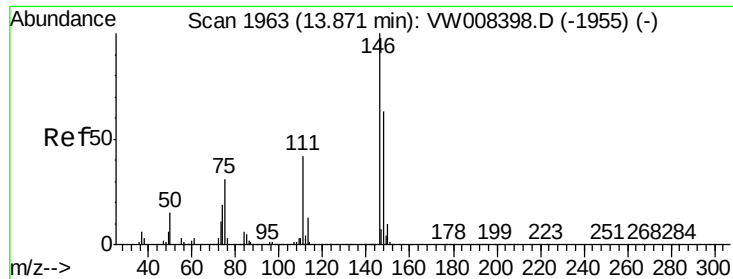
Tgt Ion: 117 Resp: 113619

Ion Ratio Lower Upper

117 100

201 70.7 39.1 117.5

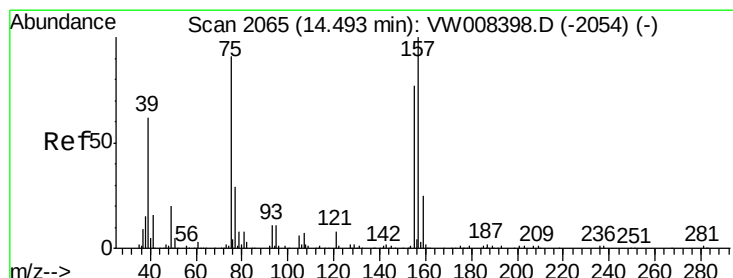
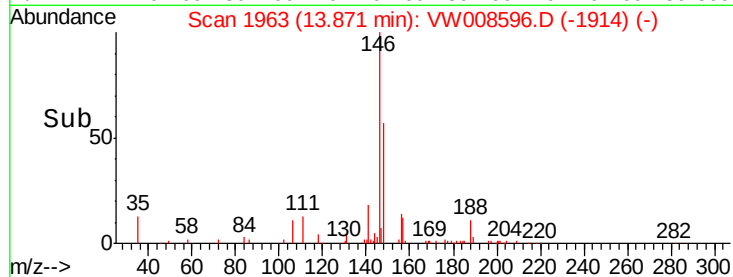
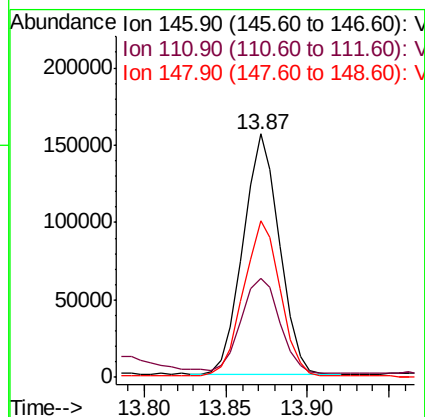
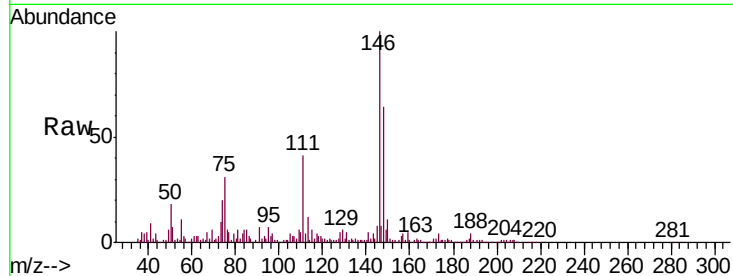




#91
 1,2-Dichlorobenzene
 Concen: 20.944 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW008596.D
 Acq: 11 Feb 2019 14:41

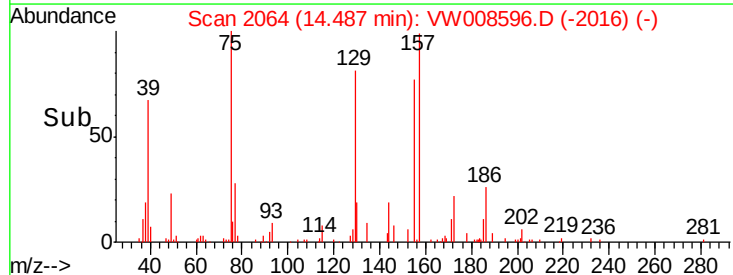
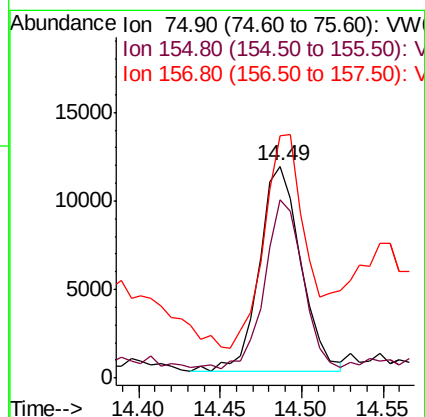
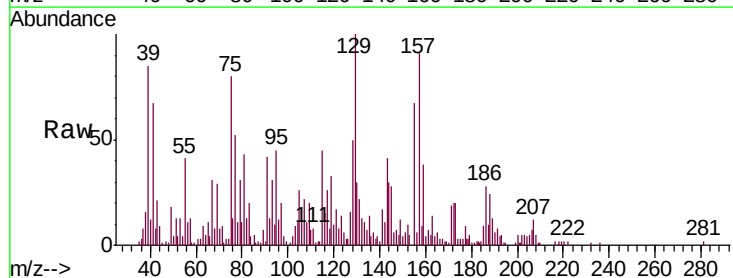
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0211SBS01

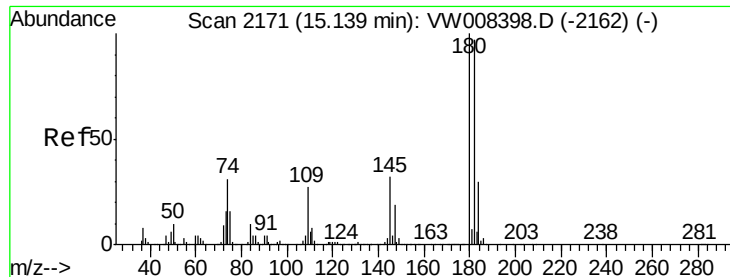
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.1	63.3
148	65.6	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.953 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW008596.D
 Acq: 11 Feb 2019 14:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.0	42.7	128.1
157	105.6	55.5	166.3

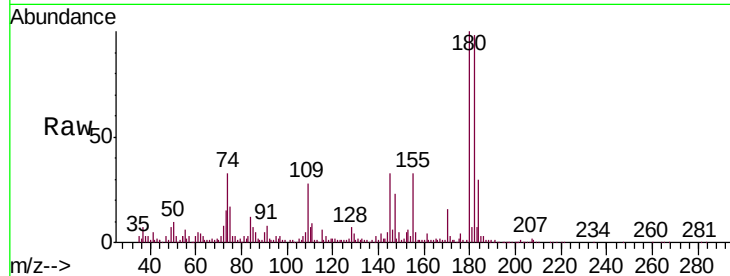




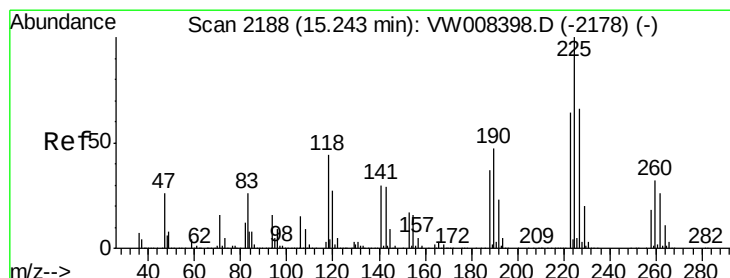
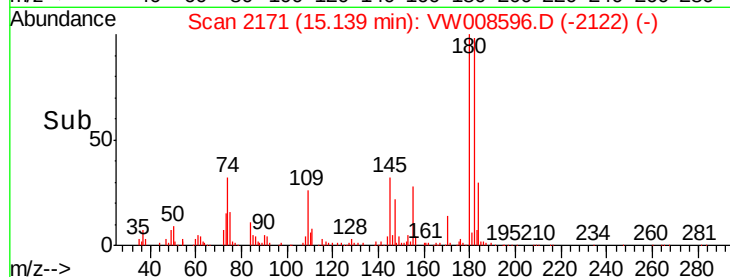
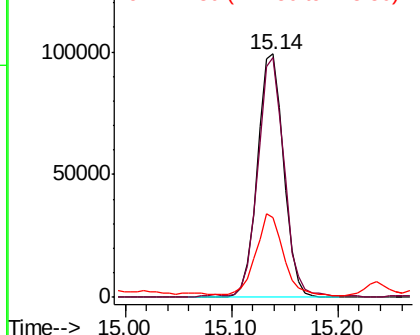
#93
 1,2,4-Trichlorobenzene
 Concen: 20.679 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008596.D
 Acq: 11 Feb 2019 14:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0211SBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.4	47.9	143.7
145	34.9	15.5	46.5

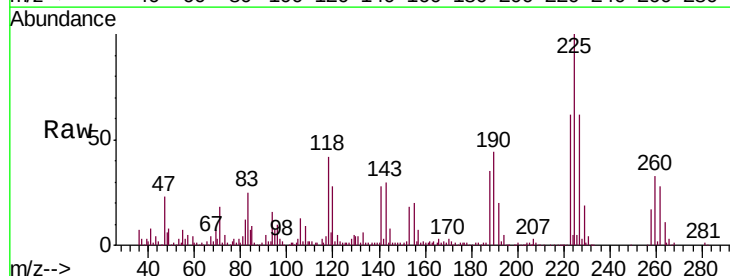


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

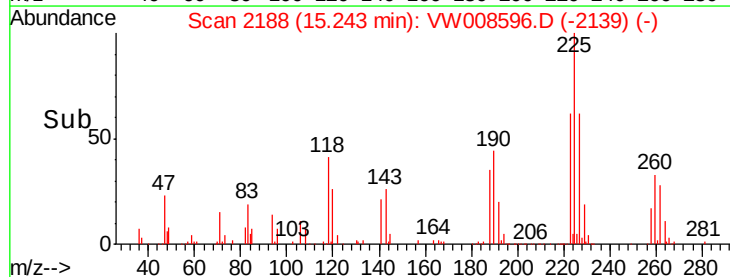
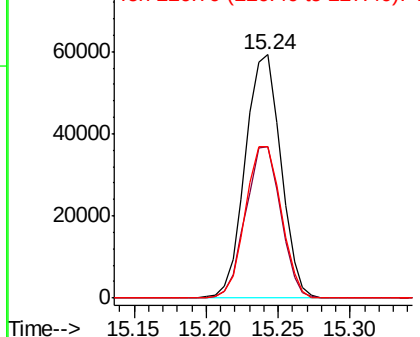


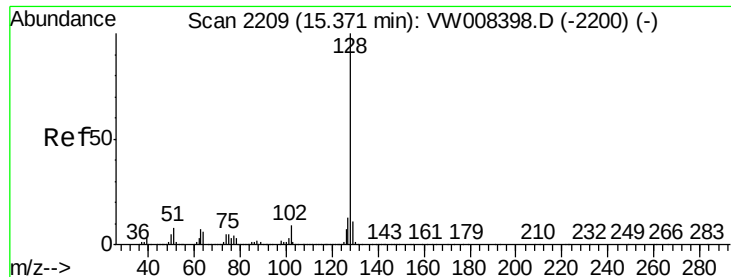
#94
 Hexachlorobutadiene
 Concen: 20.358 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008596.D
 Acq: 11 Feb 2019 14:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	31.7	95.1
227	62.9	32.1	96.3



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

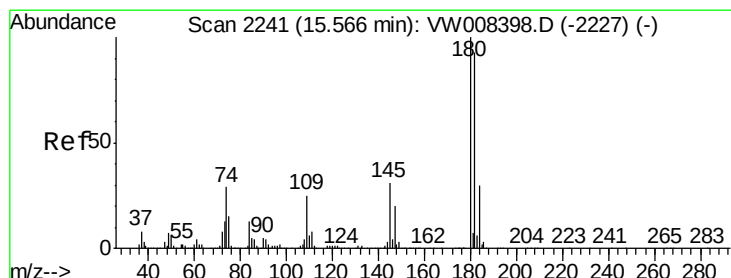
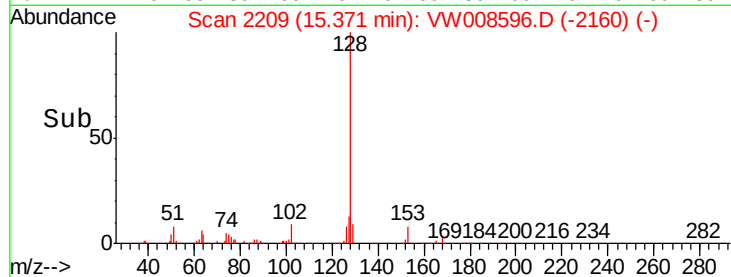
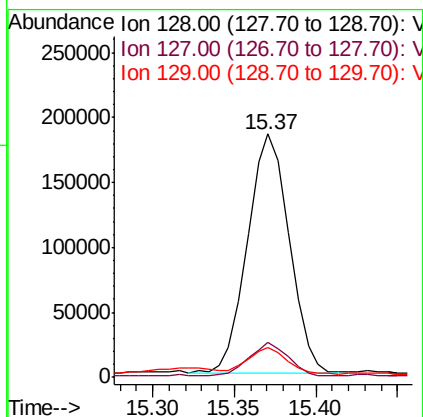
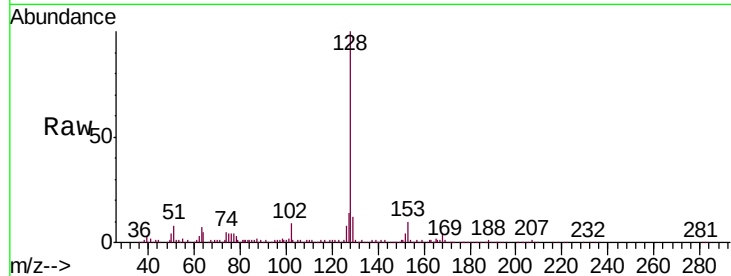




#95
Naphthalene
Concen: 22.544 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008596.D
Acq: 11 Feb 2019 14:41

Instrument :
MSVOA_W
ClientSampleId :
VW0211SBS01

Tgt Ion:128 Resp: 327573
Ion Ratio Lower Upper
128 100
127 13.5 10.6 15.8
129 11.3 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.392 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008596.D
Acq: 11 Feb 2019 14:41

Tgt Ion:180 Resp: 150166
Ion Ratio Lower Upper
180 100
182 93.3 47.0 141.2
145 40.5 15.9 47.6

