

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011519\
 Data File : VW008280.D
 Acq On : 15 Jan 2019 13:26
 Operator : SY/VA
 Sample : VW0115SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0115SBS01

Quant Time: Jan 16 01:12:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	73925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	127907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	124905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	64452	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	40671	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
35) Dibromofluoromethane	7.88	113	38785	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	
50) Toluene-d8	10.32	98	162909	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	
62) 4-Bromofluorobenzene	12.62	95	58240	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.00	85	11739	19.457	ug/l	99
3) Chloromethane	2.21	50	17265	22.057	ug/l	98
4) Vinyl Chloride	2.37	62	22888	22.405	ug/l	91
5) Bromomethane	2.78	94	17527	22.903	ug/l	94
6) Chloroethane	2.92	64	17515	22.785	ug/l	95
7) Trichlorofluoromethane	3.26	101	18410	22.167	ug/l #	81
8) Diethyl Ether	3.68	74	10269	21.872	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	17389	21.089	ug/l	96
10) Methyl Iodide	4.26	142	23775	19.783	ug/l	98
11) Tert butyl alcohol	5.23	59	6000	101.747	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	16906	20.883	ug/l	98
13) Acrolein	3.90	56	4674	83.502	ug/l	97
14) Allyl chloride	4.66	41	28921	19.676	ug/l	99
15) Acrylonitrile	5.37	53	20266	113.376	ug/l	97
16) Acetone	4.14	43	22181	139.143	ug/l	93
17) Carbon Disulfide	4.37	76	50223	19.859	ug/l	98
18) Methyl Acetate	4.67	43	11221	21.368	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	25556	19.418	ug/l	96
20) Methylene Chloride	4.91	84	19783	21.437	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	18187	20.673	ug/l	94
22) Diisopropyl ether	6.31	45	58072	20.716	ug/l	93
23) Vinyl Acetate	6.25	43	156578	106.353	ug/l	99
24) 1,1-Dichloroethane	6.21	63	34292	20.995	ug/l	99
25) 2-Butanone	7.18	43	26843	116.118	ug/l	98
26) 2,2-Dichloropropane	7.16	77	23547	21.277	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	20341	21.192	ug/l	97
28) Bromochloromethane	7.51	49	14012	21.689	ug/l	97
29) Tetrahydrofuran	7.53	42	16782	108.679	ug/l	99
30) Chloroform	7.67	83	34237	22.022	ug/l	96
31) Cyclohexane	7.95	56	34836	19.923	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	29205	21.589	ug/l	100
36) 1,1-Dichloropropene	8.07	75	28710	21.790	ug/l	97
37) Ethyl Acetate	7.26	43	12364	23.423	ug/l #	96
38) Carbon Tetrachloride	8.06	117	26793	22.217	ug/l	98

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 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0115SBS01

Quant Time: Jan 16 01:12:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	34367	20.571	ug/l	95
40) Benzene	8.32	78	78301	21.911	ug/l	98
41) Methacrylonitrile	7.48	41	6933	20.792	ug/l #	92
42) 1,2-Dichloroethane	8.40	62	21774	21.664	ug/l	96
43) Isopropyl Acetate	8.42	43	22094	20.934	ug/l	96
44) Trichloroethene	9.09	130	20106	21.979	ug/l	93
45) 1,2-Dichloropropane	9.37	63	19807	22.353	ug/l	92
46) Dibromomethane	9.45	93	10247	23.547	ug/l	99
47) Bromodichloromethane	9.64	83	24948	22.578	ug/l	99
48) Methyl methacrylate	9.43	41	10300	20.683	ug/l #	85
49) 1,4-Dioxane	9.48	88	3343	477.684	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	58309	114.137	ug/l	98
52) Toluene	10.38	92	50495	22.125	ug/l	96
53) t-1,3-Dichloropropene	10.60	75	25188	21.914	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	29597	21.715	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	15143	24.785	ug/l	96
56) Ethyl methacrylate	10.65	69	16728	22.108	ug/l	95
57) 1,3-Dichloropropane	10.93	76	24778	22.175	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.92	63	43999	112.574	ug/l	98
59) 2-Hexanone	10.97	43	41249	119.399	ug/l	99
60) Dibromochloromethane	11.13	129	16625	24.779	ug/l	100
61) 1,2-Dibromoethane	11.24	107	13579	23.423	ug/l	99
64) Tetrachloroethene	10.86	164	16903	20.794	ug/l	96
65) Chlorobenzene	11.66	112	56074	21.190	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	19215	22.325	ug/l	96
67) Ethyl Benzene	11.73	91	98552	20.354	ug/l	98
68) m/p-Xylenes	11.84	106	75958	41.101	ug/l	99
69) o-Xylene	12.17	106	34957	20.426	ug/l	98
70) Styrene	12.18	104	56874	21.217	ug/l	98
71) Bromoform	12.35	173	9278	24.086	ug/l #	98
73) Isopropylbenzene	12.46	105	98515	19.469	ug/l	99
74) N-amyl acetate	12.27	43	21288	18.997	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	17279	21.334	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	12743m	21.688	ug/l	
77) Bromobenzene	12.75	156	21020	19.660	ug/l	97
78) n-propylbenzene	12.80	91	123594	19.934	ug/l	98
79) 2-Chlorotoluene	12.90	91	67869	19.621	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	85171	20.483	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.52	75	5276	20.911	ug/l	97
82) 4-Chlorotoluene	12.99	91	71285	19.567	ug/l	97
83) tert-Butylbenzene	13.21	119	73372	19.945	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	85569	19.952	ug/l	100
85) sec-Butylbenzene	13.39	105	107366	19.924	ug/l	100
86) p-Isopropyltoluene	13.50	119	92744	19.930	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	45233	20.856	ug/l	96
88) 1,4-Dichlorobenzene	13.58	146	44694	20.539	ug/l	98
89) n-Butylbenzene	13.83	91	92184	20.227	ug/l	98
90) Hexachloroethane	14.10	117	17017	21.651	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	39487	20.716	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3037	23.300	ug/l	98

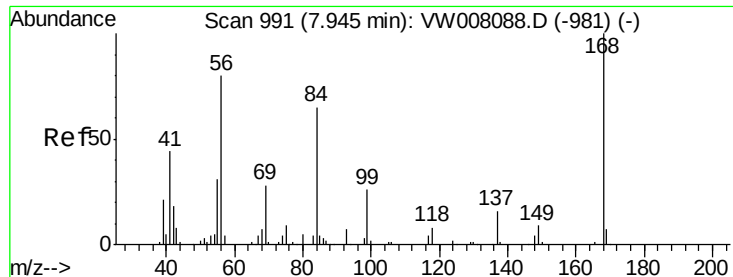
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011519\
Data File : VW008280.D
Acq On : 15 Jan 2019 13:26
Operator : SY/VA
Sample : VW0115SBS01
Misc : 5.00G/5ML/MSVOA W/SOIL
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MSVOA_W
ClientSampleId :
VW0115SBS01

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Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	26266	20.755	ug/l	98
94) Hexachlorobutadiene	15.24	225	14953	22.076	ug/l	97
95) Naphthalene	15.38	128	46638	19.737	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	22212	20.589	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008280.D

Acq: 15 Jan 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

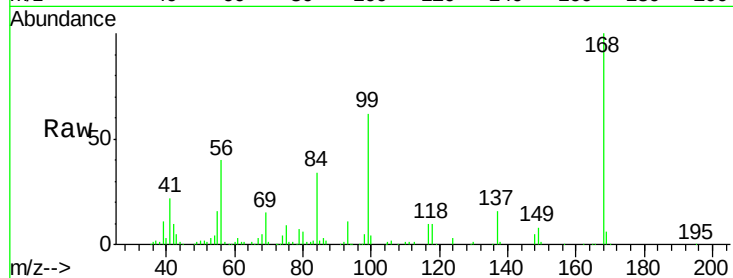
VW0115SBS01

Tot Ion:168 Resp: 73925

Ion Ratio Lower Upper

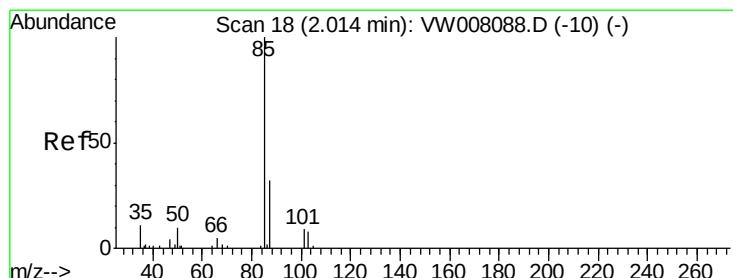
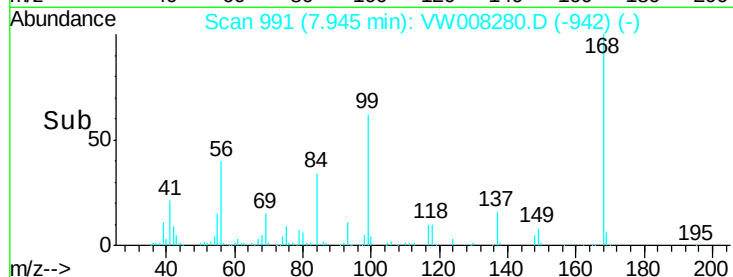
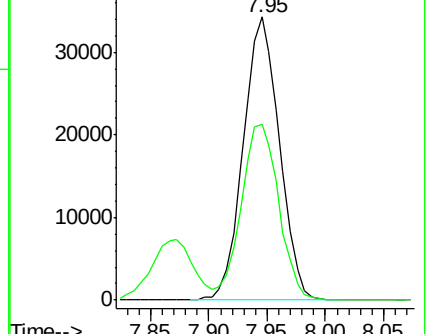
168 100

99 62.0 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 19.457 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW008280.D

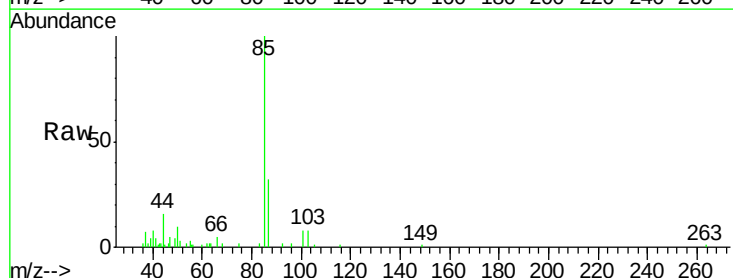
Acq: 15 Jan 2019 13:26

Tgt Ion: 85 Resp: 11739

Ion Ratio Lower Upper

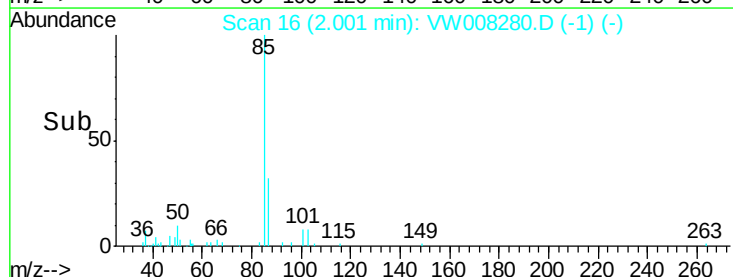
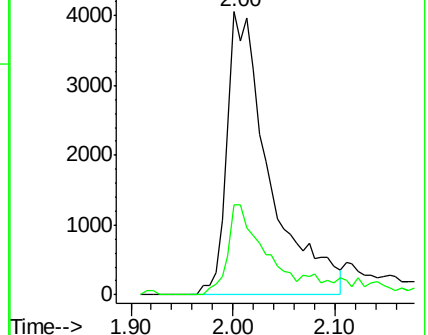
85 100

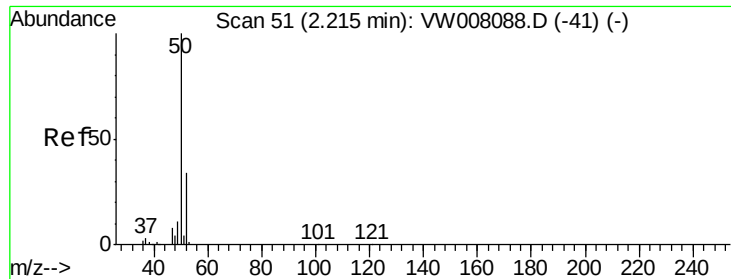
87 31.8 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 22.057 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008280.D

Acq: 15 Jan 2019 13:26

Instrument :

MSVOA_W

ClientSampled :

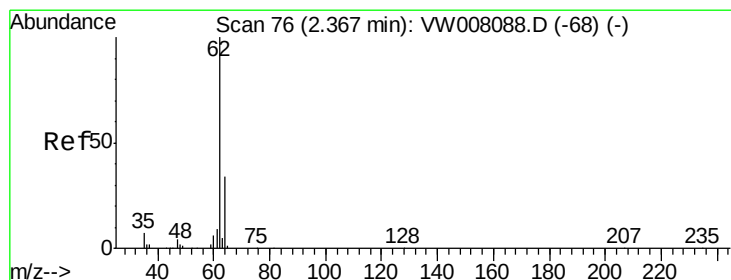
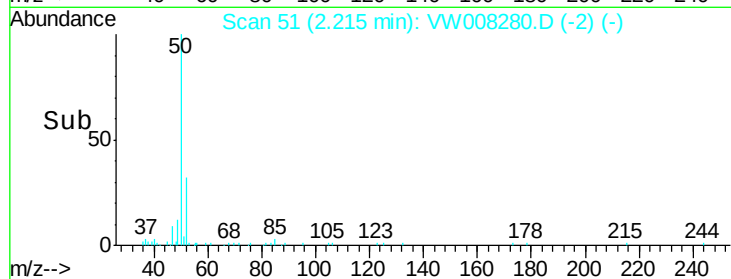
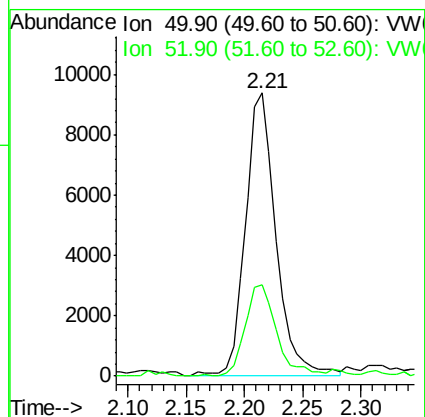
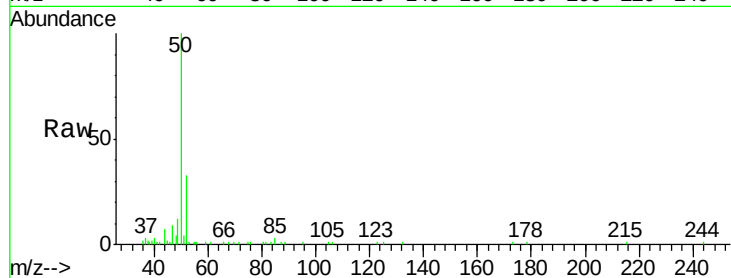
VW0115SBS01

Tot Ion: 50 Resp: 17265

Ion Ratio Lower Upper

50 100

52 32.5 26.8 40.2



#4

Vinyl Chloride

Concen: 22.405 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW008280.D

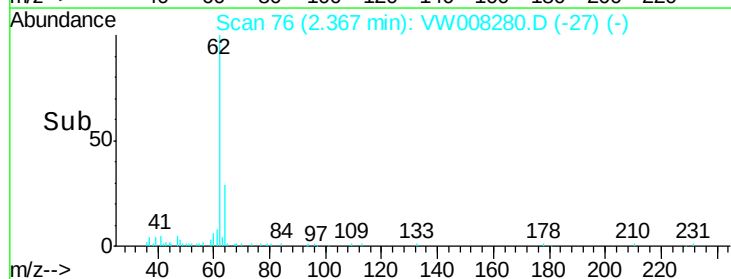
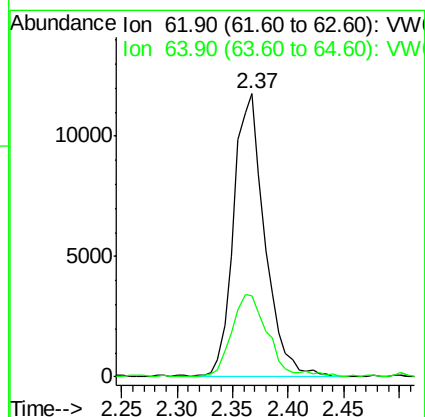
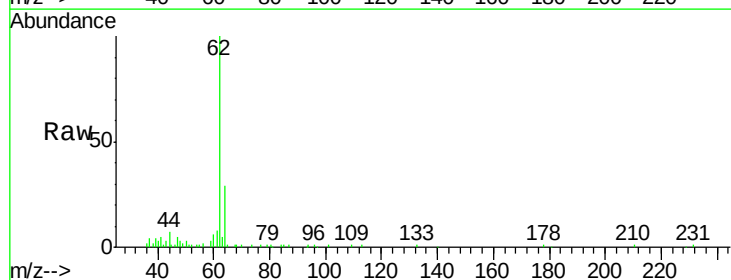
Acq: 15 Jan 2019 13:26

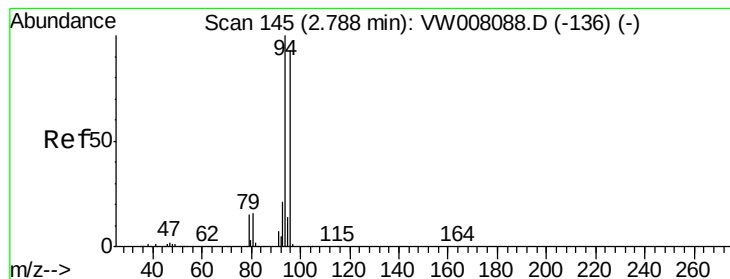
Tgt Ion: 62 Resp: 22888

Ion Ratio Lower Upper

62 100

64 28.9 27.0 40.6





#5

Bromomethane

Concen: 22.903 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW008280.D

Acq: 15 Jan 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

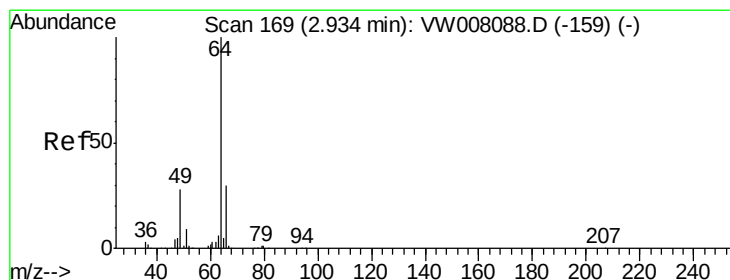
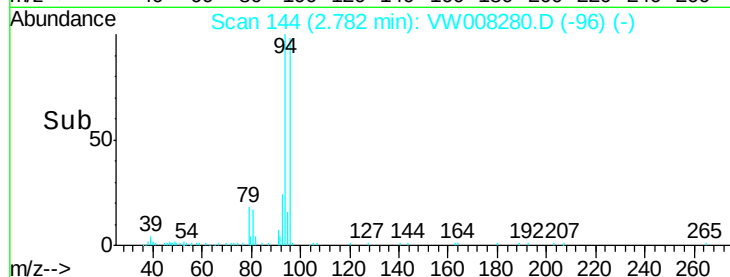
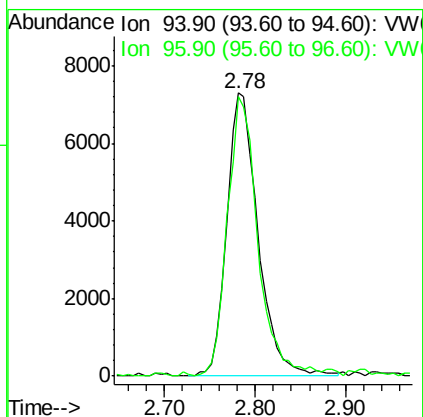
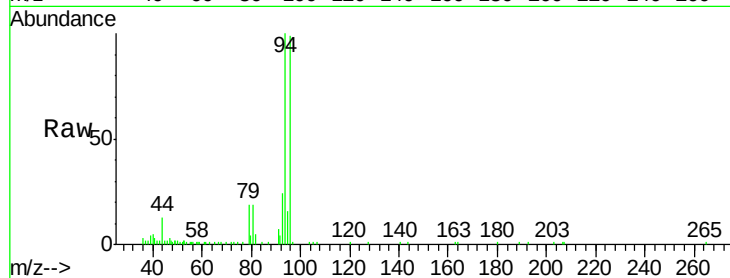
VW0115SBS01

Tot Ion: 94 Resp: 17527

Ion Ratio Lower Upper

94 100

96 97.9 74.1 111.1



#6

Chloroethane

Concen: 22.785 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008280.D

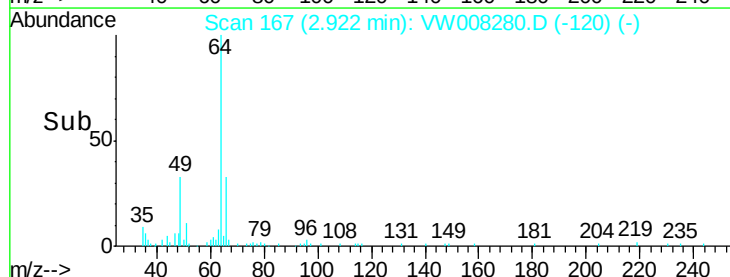
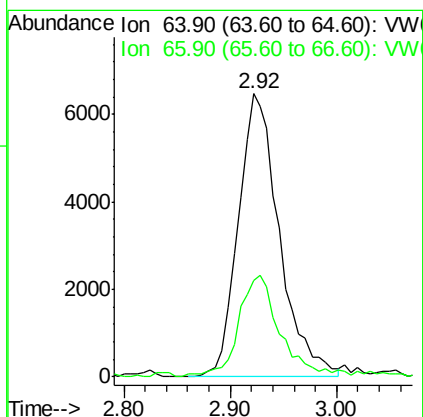
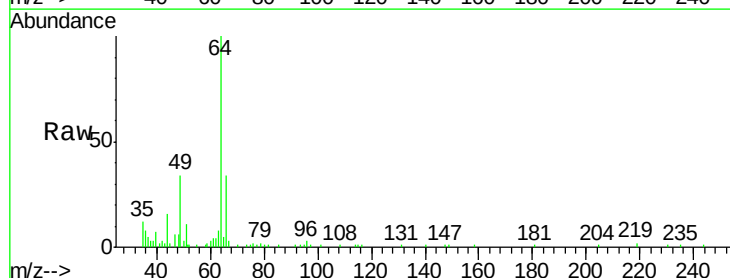
Acq: 15 Jan 2019 13:26

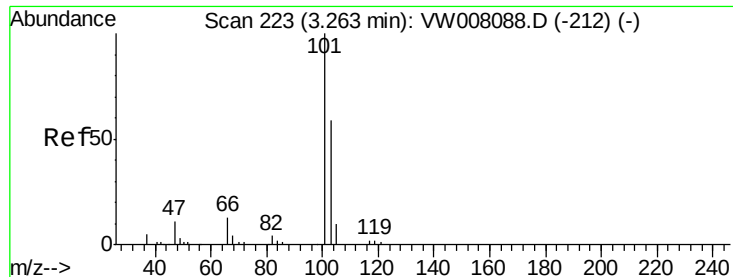
Tgt Ion: 64 Resp: 17515

Ion Ratio Lower Upper

64 100

66 33.0 24.2 36.2



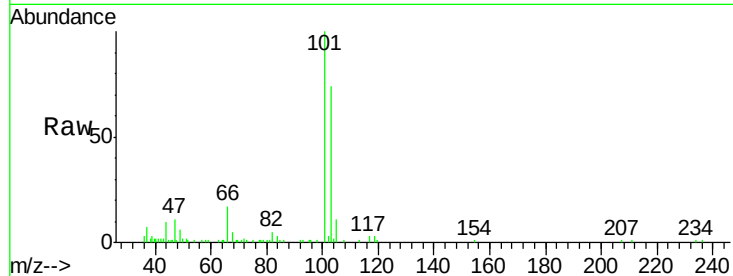


#7

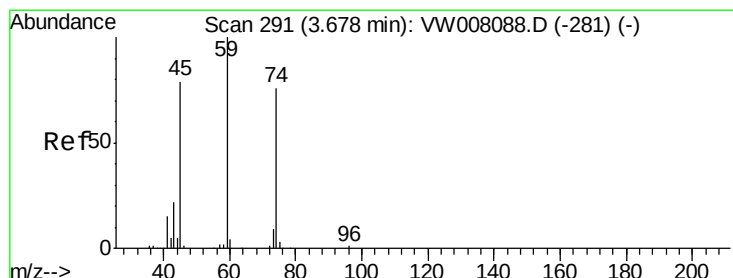
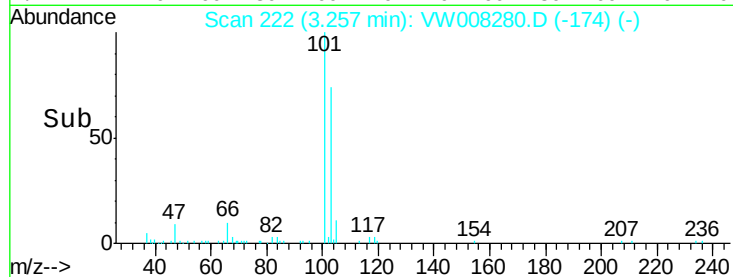
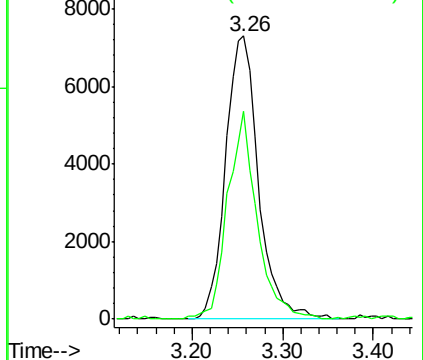
Trichlorofluoromethane
 Concen: 22.167 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW008280.D
 Acq: 15 Jan 2019 13:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0115SBS01

Tot Ion:101 Resp: 18410
 Ion Ratio Lower Upper
 101 100
 103 72.9 47.0 70.6#



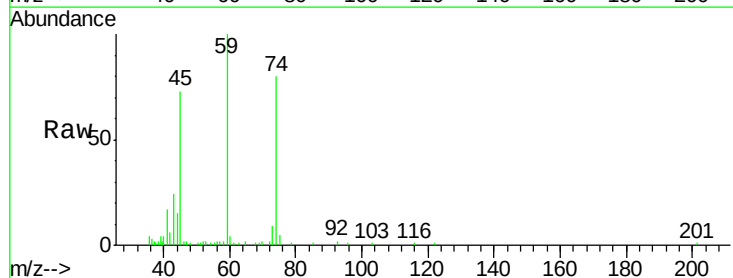
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



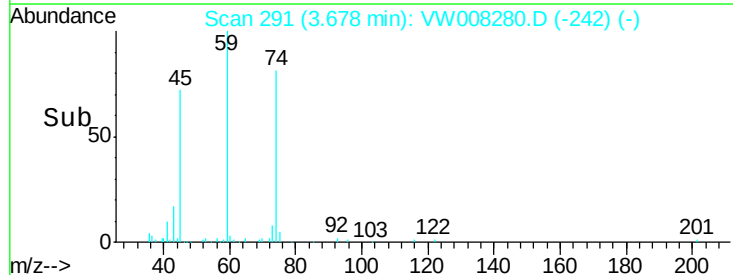
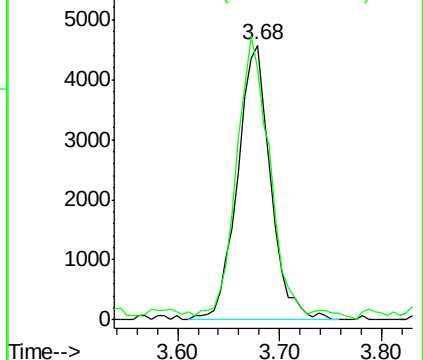
#8

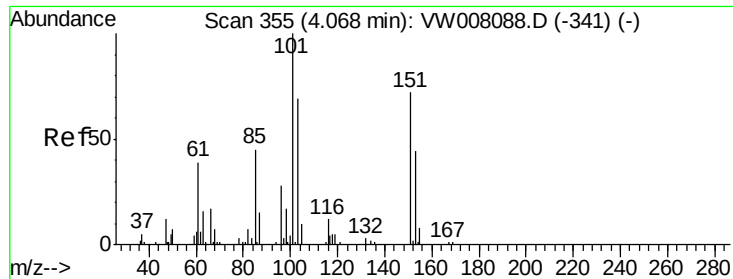
Diethyl Ether
 Concen: 21.872 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW008280.D
 Acq: 15 Jan 2019 13:26

Tgt Ion: 74 Resp: 10269
 Ion Ratio Lower Upper
 74 100
 45 100.9 52.4 157.3



Abundance Ion 74.00 (73.70 to 74.70): VW
 Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.089 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW008280.D

Acq: 15 Jan 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

VW0115SBS01

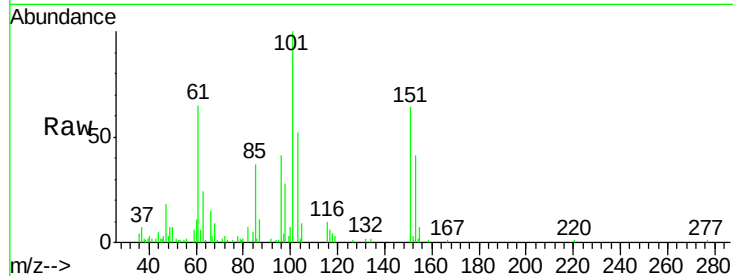
Tot Ion:101 Resp: 17389

Ion Ratio Lower Upper

101 100

85 45.4 35.9 53.9

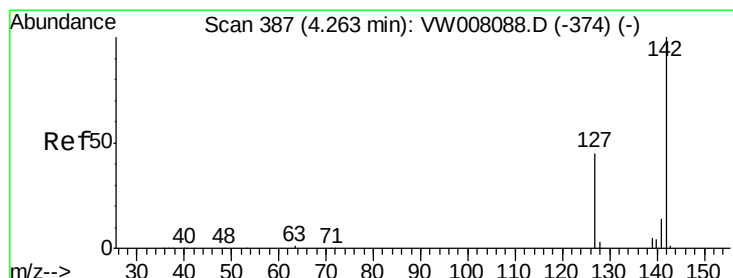
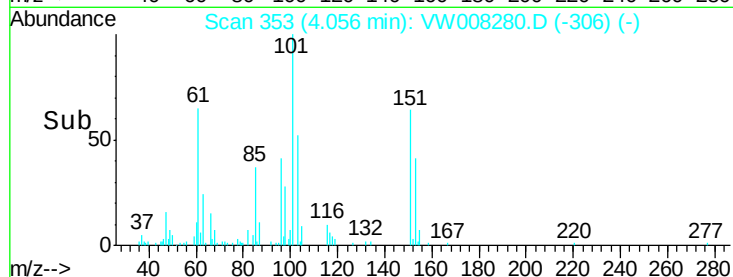
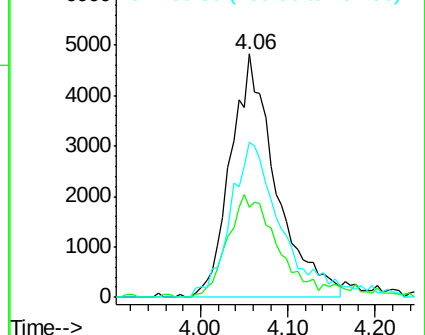
151 64.7 55.8 83.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.783 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW008280.D

Acq: 15 Jan 2019 13:26

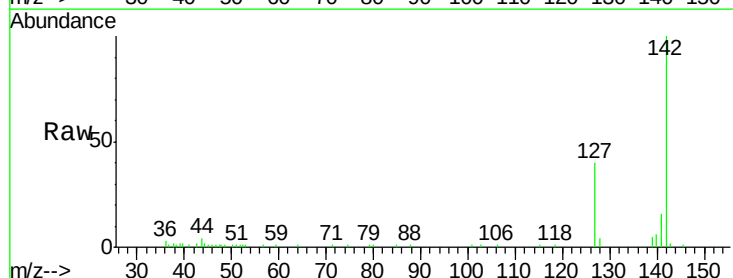
Tgt Ion:142 Resp: 23775

Ion Ratio Lower Upper

142 100

127 45.0 35.0 52.4

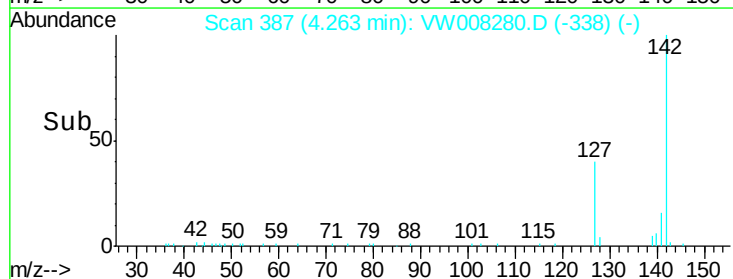
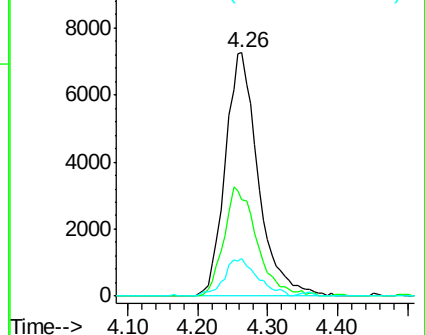
141 15.5 11.8 17.6

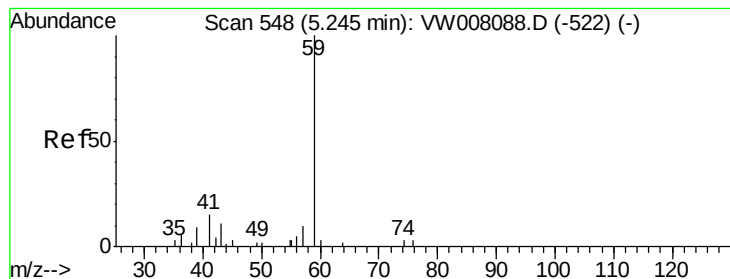


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



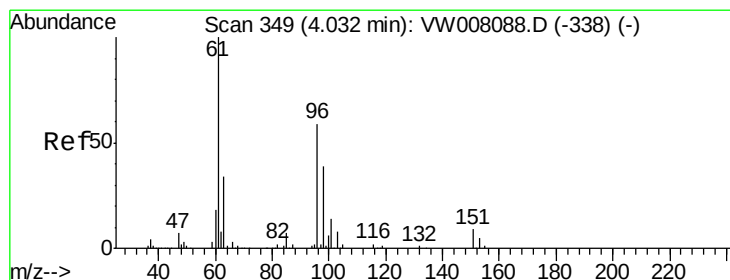
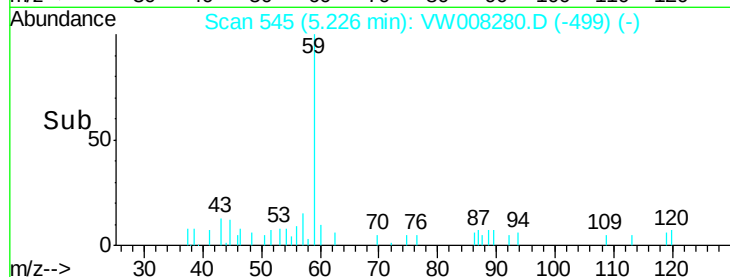
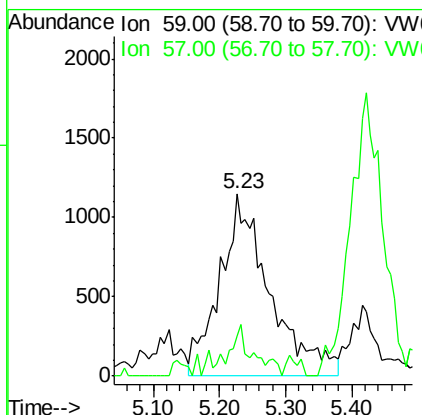
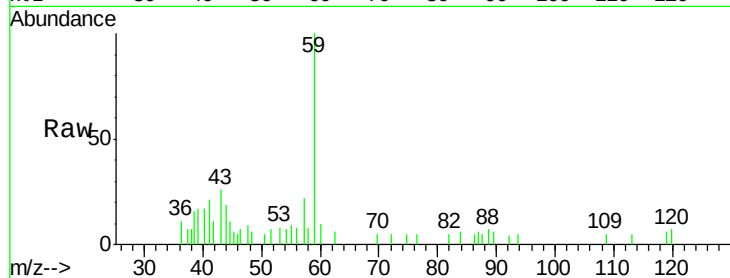


#11

Tert butyl alcohol
Concen: 101.747 ug/l
RT: 5.23 min Scan# 545
Delta R.T. -0.02 min
Lab File: VW008280.D
Acq: 15 Jan 2019 13:26

Instrument :
MSVOA_W
ClientSampleId :
VW0115SBS01

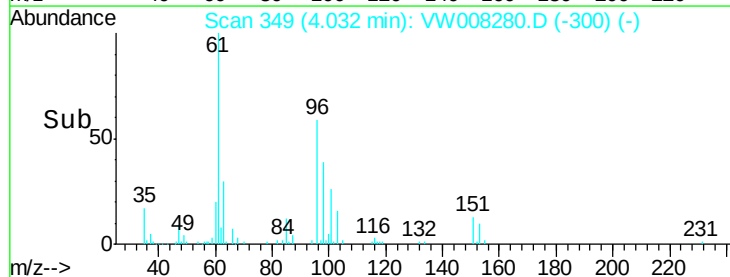
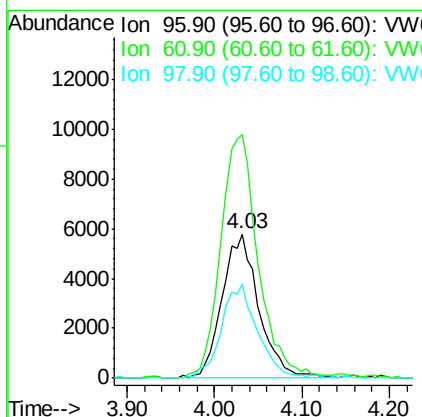
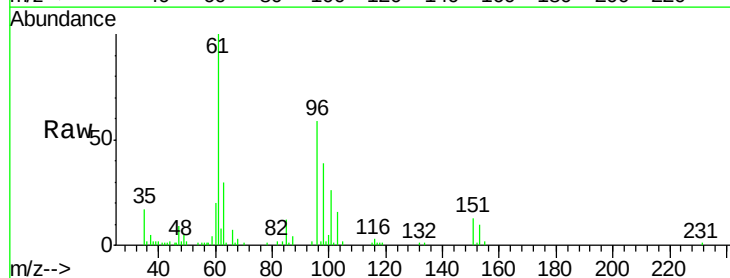
Tot Ion: 59 Resp: 6000
Ion Ratio Lower Upper
59 100
57 4.9 0.0 0.0#

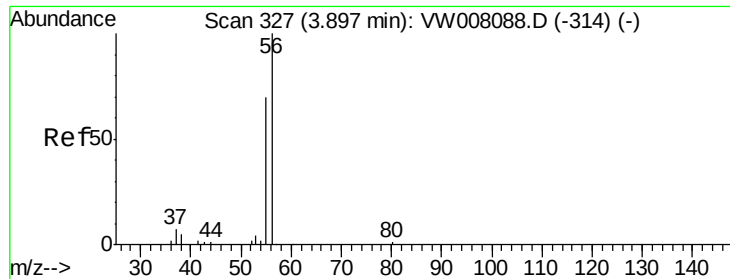


#12

1,1-Dichloroethene
Concen: 20.883 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW008280.D
Acq: 15 Jan 2019 13:26

Tgt Ion: 96 Resp: 16906
Ion Ratio Lower Upper
96 100
61 166.2 135.4 203.2
98 65.5 52.5 78.7





#13

Acrolein

Concen: 83.502 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW008280.D

Acq: 15 Jan 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

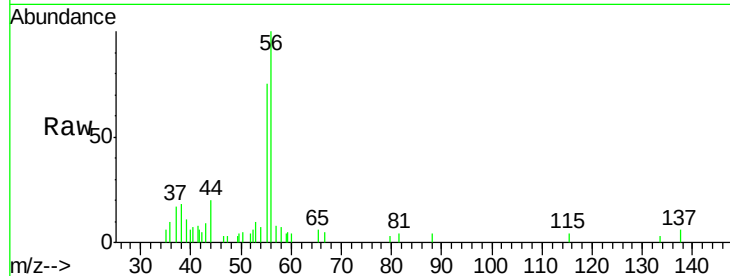
VW0115SBS01

Tot Ion: 56 Resp: 4674

Ion Ratio Lower Upper

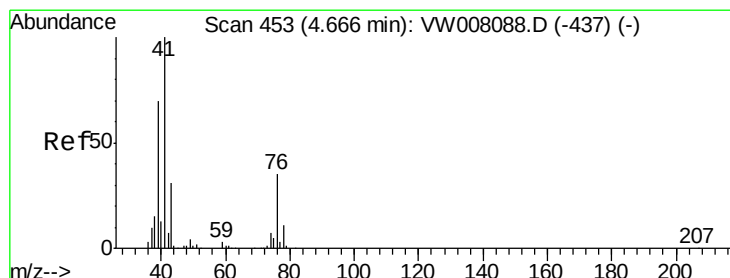
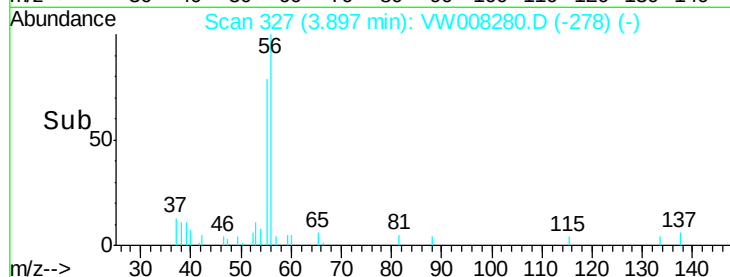
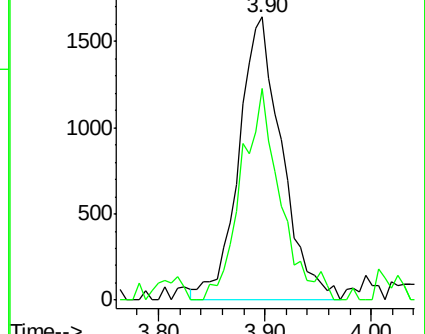
56 100

55 68.1 56.6 84.8



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 19.676 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW008280.D

Acq: 15 Jan 2019 13:26

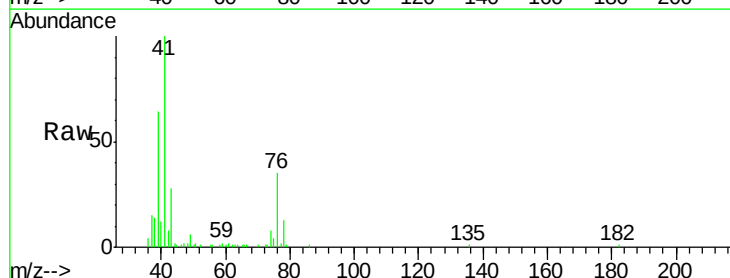
Tgt Ion: 41 Resp: 28921

Ion Ratio Lower Upper

41 100

39 68.2 53.8 80.8

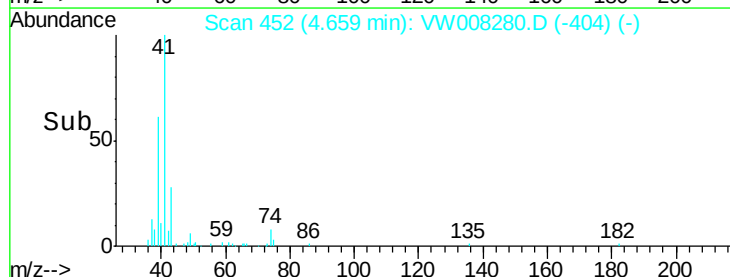
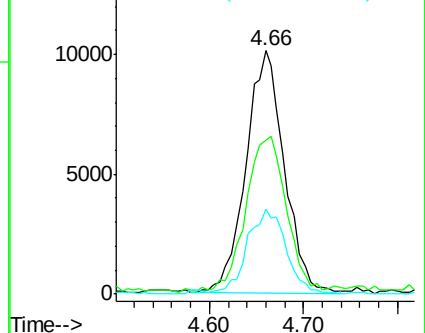
76 35.3 27.6 41.4

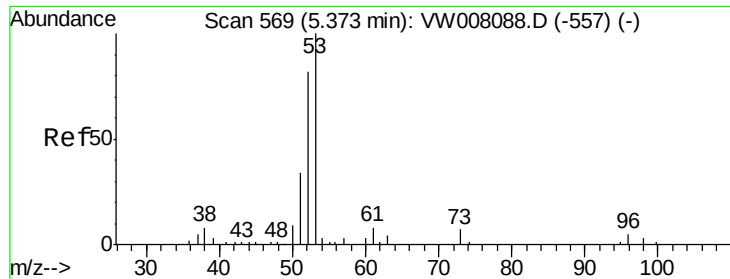


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 113.376 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW008280.D

Acq: 15 Jan 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

VW0115SBS01

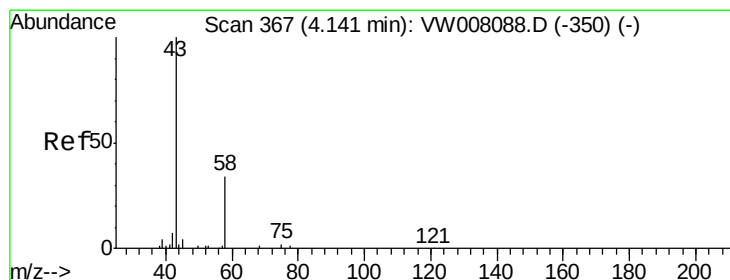
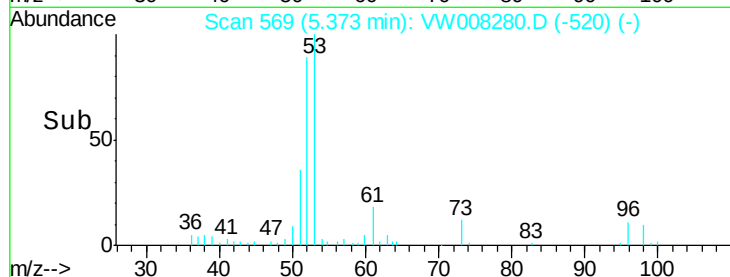
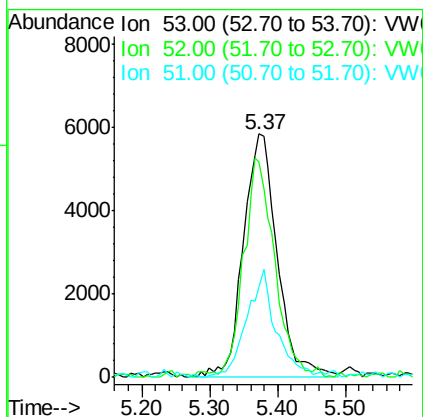
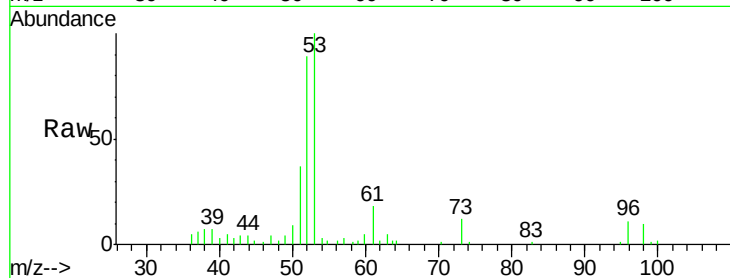
Tot Ion: 53 Resp: 20266

Ion Ratio Lower Upper

53 100

52 79.7 66.8 100.2

51 38.2 29.7 44.5



#16

Acetone

Concen: 139.143 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW008280.D

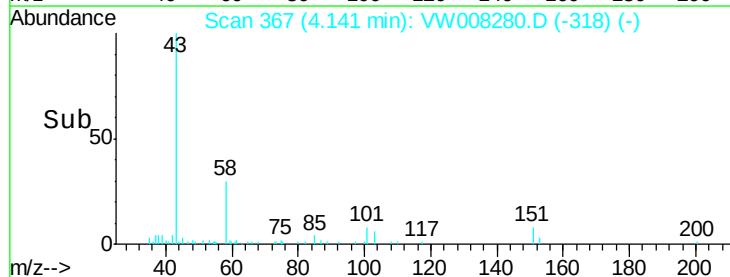
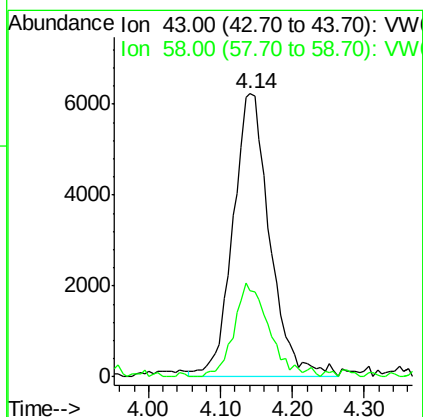
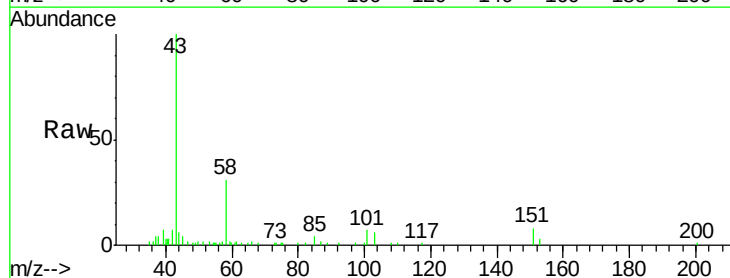
Acq: 15 Jan 2019 13:26

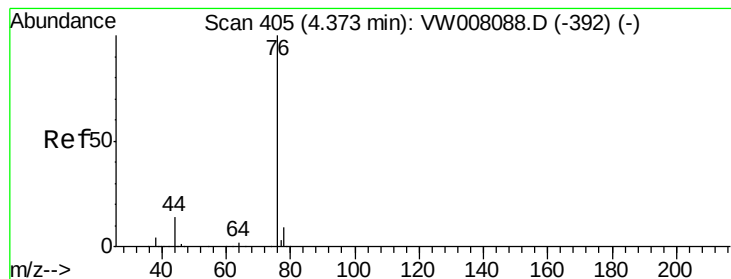
Tgt Ion: 43 Resp: 22181

Ion Ratio Lower Upper

43 100

58 30.5 27.5 41.3





#17

Carbon Disulfide

Concen: 19.859 ug/l

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW008280.D

Acq: 15 Jan 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

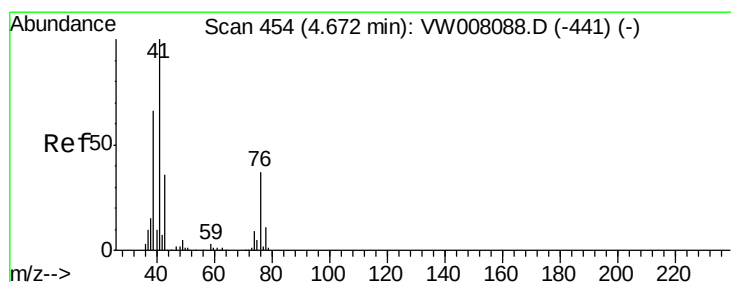
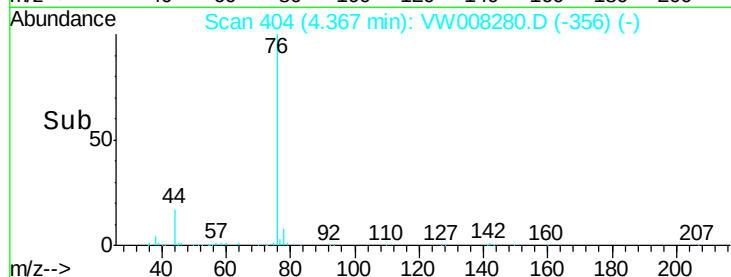
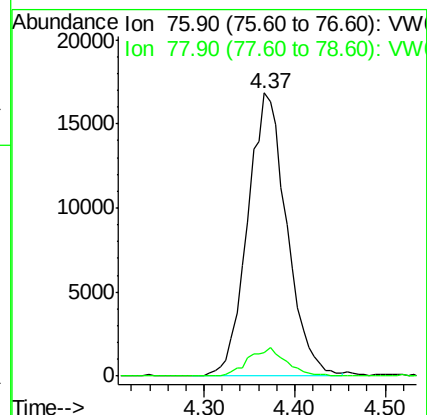
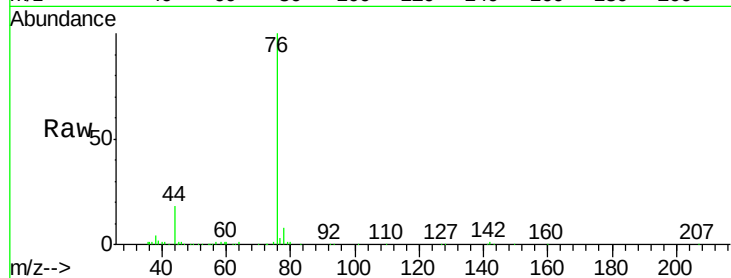
VW0115SBS01

Tot Ion: 76 Resp: 50223

Ion Ratio Lower Upper

76 100

78 8.1 7.0 10.6



#18

Methyl Acetate

Concen: 21.368 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW008280.D

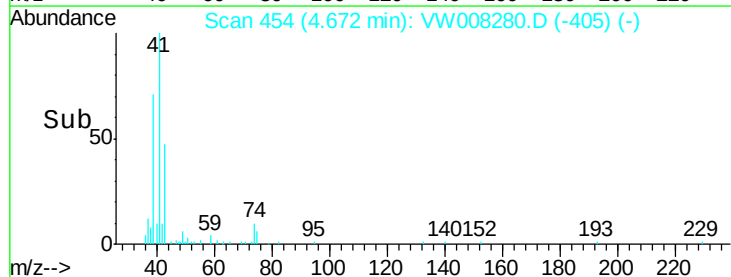
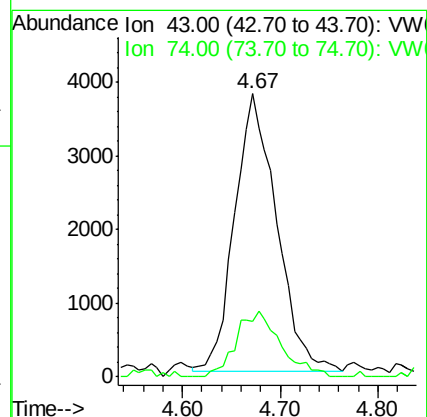
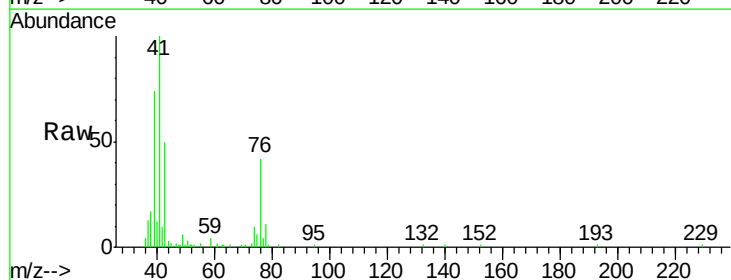
Acq: 15 Jan 2019 13:26

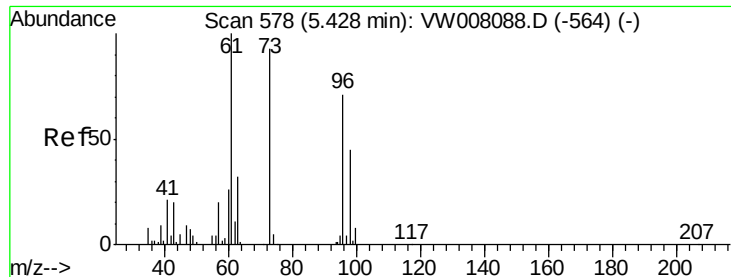
Tgt Ion: 43 Resp: 11221

Ion Ratio Lower Upper

43 100

74 25.2 19.0 28.4



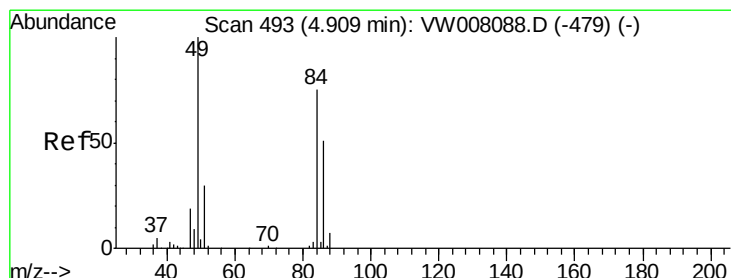
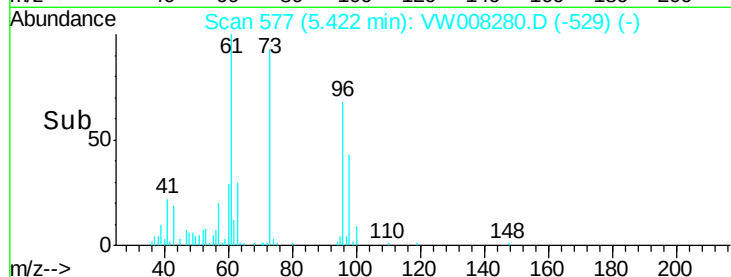
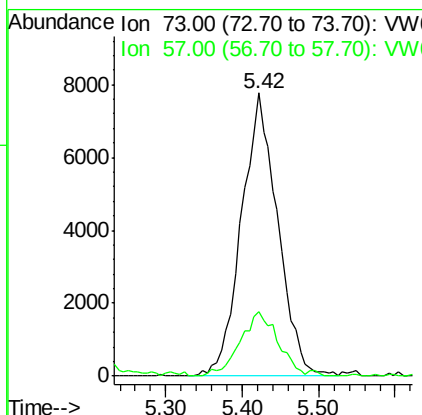
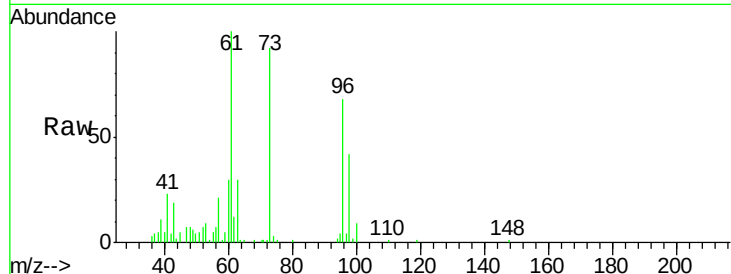


#19

Methyl tert-butyl Ether
 Concen: 19.418 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW008280.D
 Acq: 15 Jan 2019 13:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0115SBS01

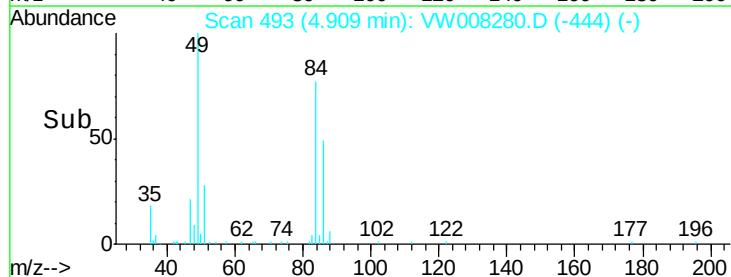
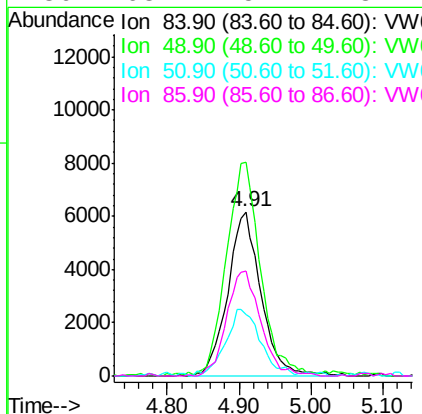
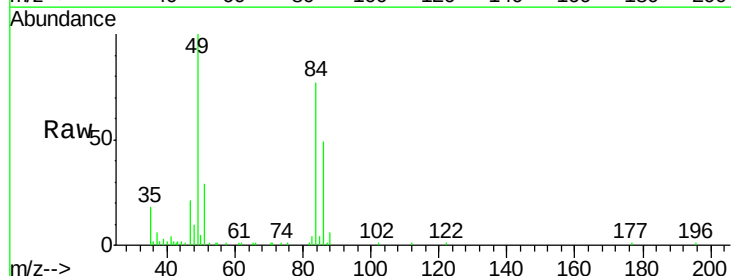
Tot Ion: 73 Resp: 25556
 Ion Ratio Lower Upper
 73 100
 57 23.0 16.7 25.1

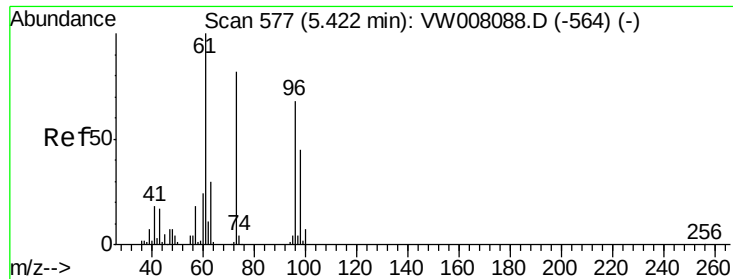


#20

Methylene Chloride
 Concen: 21.437 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: VW008280.D
 Acq: 15 Jan 2019 13:26

Tgt Ion: 84 Resp: 19783
 Ion Ratio Lower Upper
 84 100
 49 128.1 107.1 160.7
 51 37.8 32.4 48.6
 86 63.7 54.2 81.4





#21

trans-1,2-Dichloroethene

Concen: 20.673 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW008280.D

Acq: 15 Jan 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

VW0115SBS01

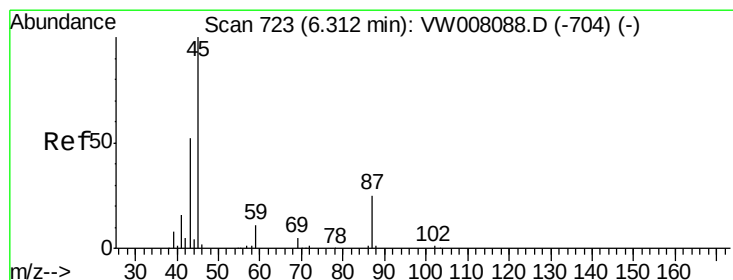
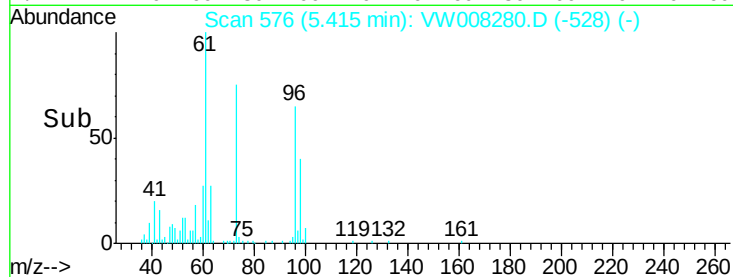
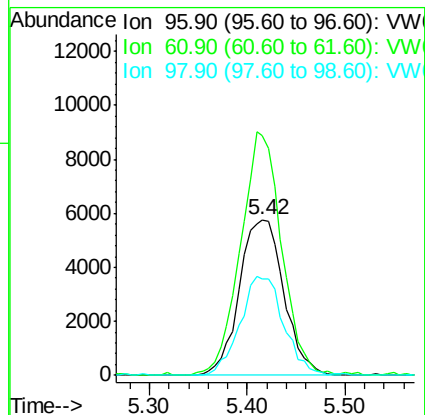
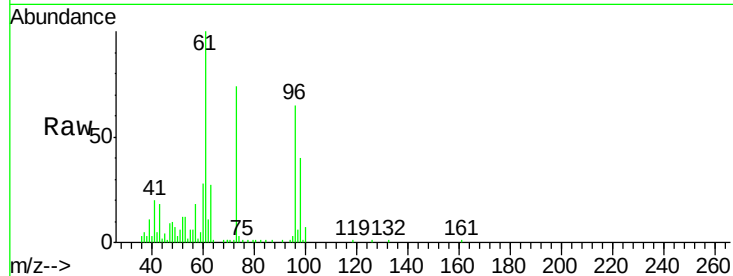
Tot Ion: 96 Resp: 18187

Ion Ratio Lower Upper

96 100

61 154.3 117.4 176.0

98 61.8 52.2 78.4



#22

Diisopropyl ether

Concen: 20.716 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW008280.D

Acq: 15 Jan 2019 13:26

Tgt Ion: 45 Resp: 58072

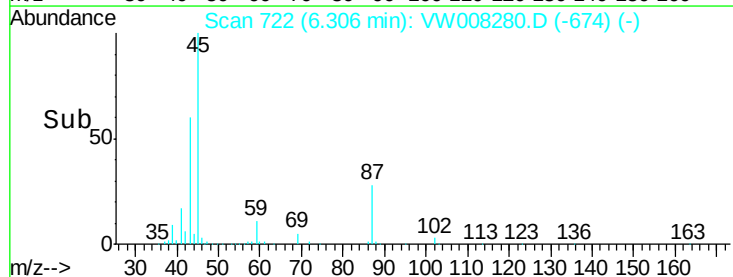
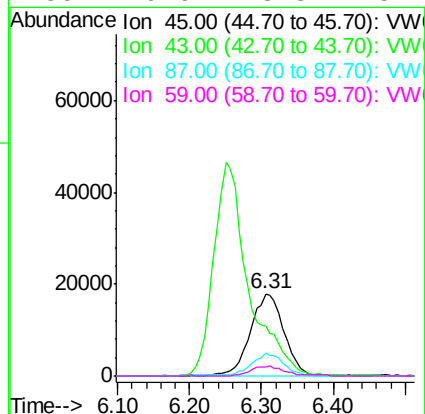
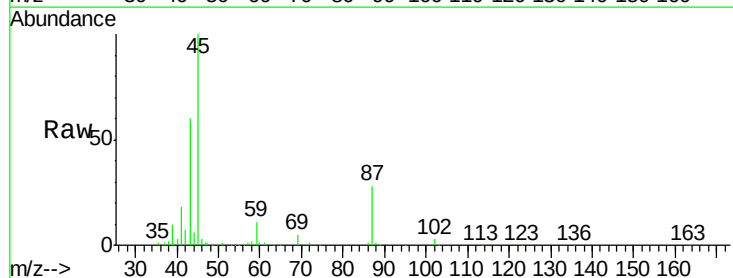
Ion Ratio Lower Upper

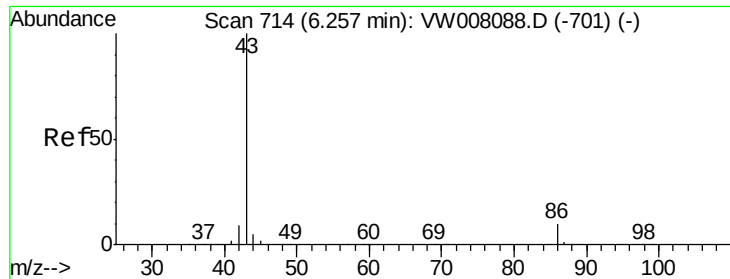
45 100

43 58.8 41.7 62.5

87 27.7 20.1 30.1

59 10.6 8.8 13.2





#23

Vinyl Acetate

Concen: 106.353 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW008280.D

Acq: 15 Jan 2019 13:26

Instrument :

MSVOA_W

ClientSampled :

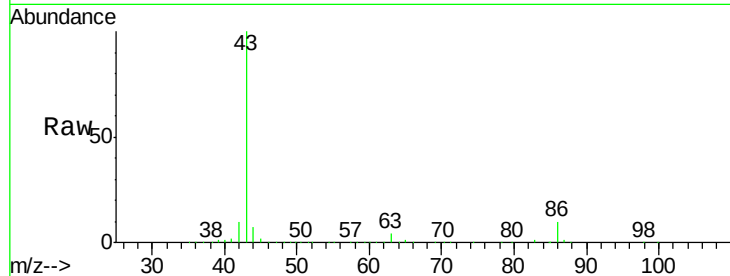
VW0115SBS01

Tot Ion: 43 Resp: 156578

Ion Ratio Lower Upper

43 100

86 9.9 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

50000

40000

30000

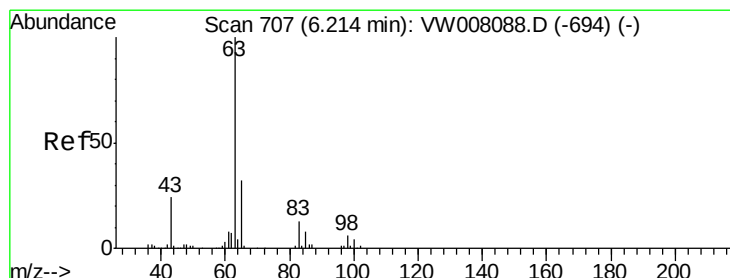
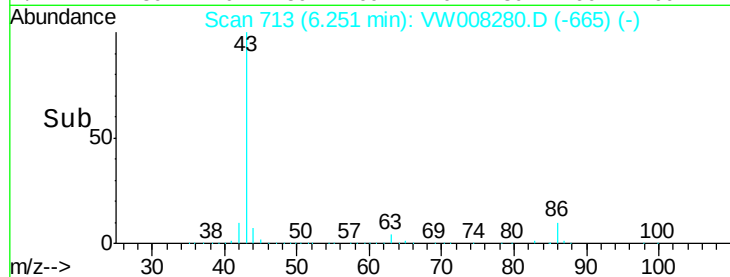
20000

10000

0

Time-->

6.10 6.20 6.30 6.40



#24

1,1-Dichloroethane

Concen: 20.995 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW008280.D

Acq: 15 Jan 2019 13:26

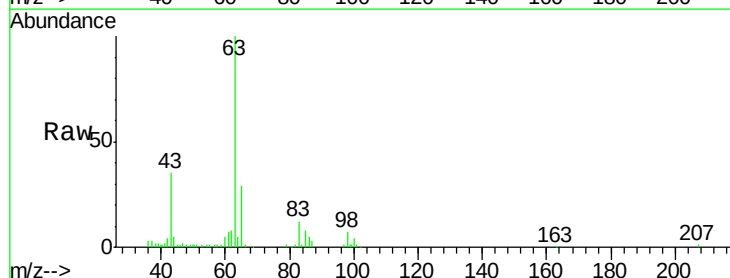
Tgt Ion: 63 Resp: 34292

Ion Ratio Lower Upper

63 100

98 7.1 3.2 9.6

100 4.2 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

15000

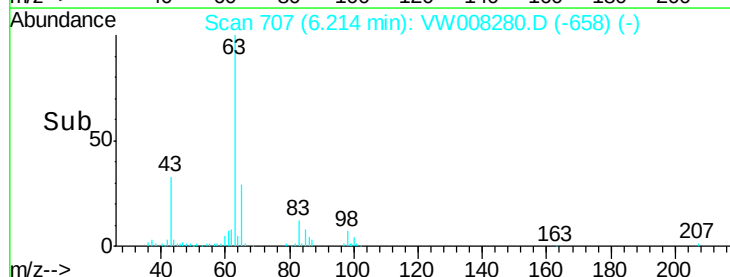
10000

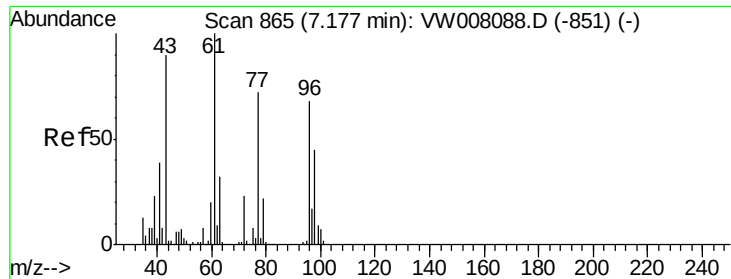
5000

0

Time-->

6.10 6.20 6.30





#25

2-Butanone

Concen: 116.118 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW008280.D

Acq: 15 Jan 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

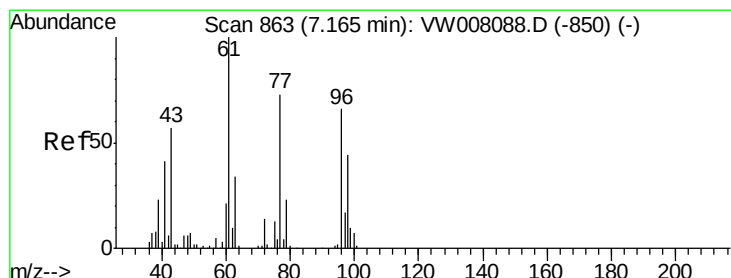
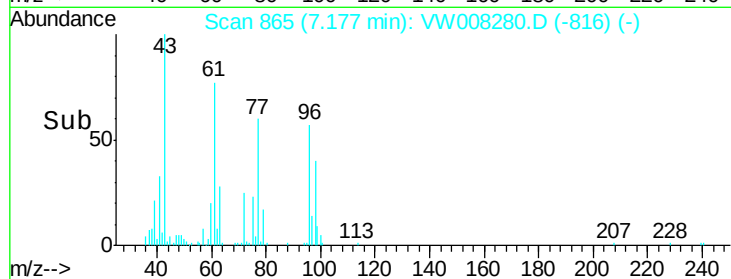
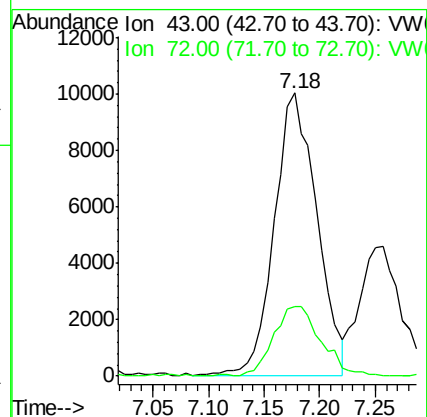
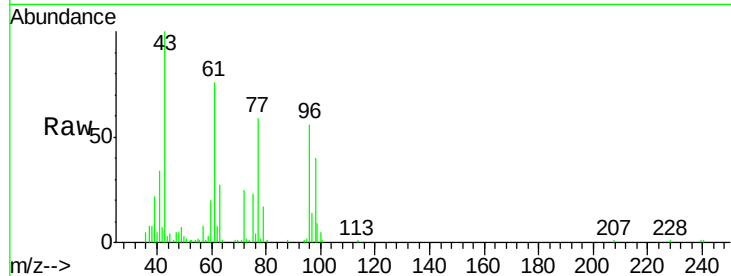
VW0115SBS01

Tot Ion: 43 Resp: 26843

Ion Ratio Lower Upper

43 100

72 24.5 20.5 30.7



#26

2,2-Dichloropropane

Concen: 21.277 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008280.D

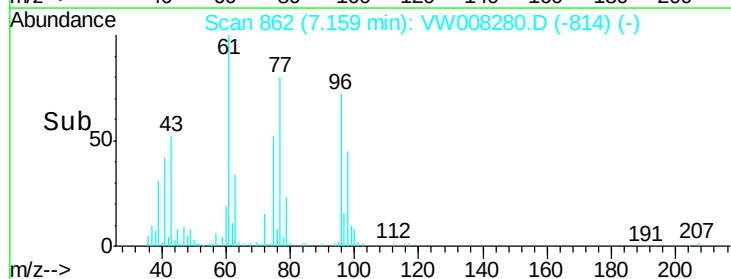
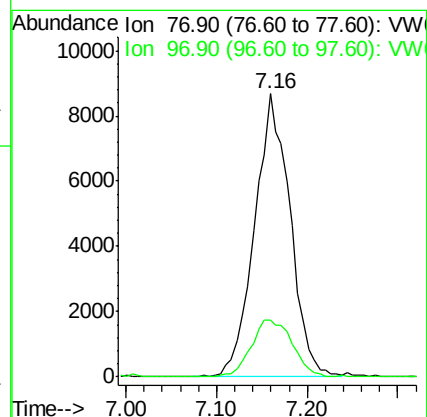
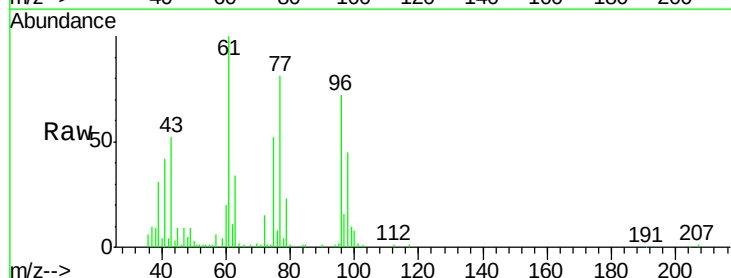
Acq: 15 Jan 2019 13:26

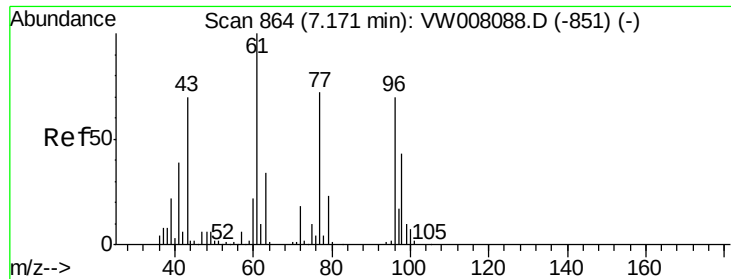
Tgt Ion: 77 Resp: 23547

Ion Ratio Lower Upper

77 100

97 23.2 11.4 34.1



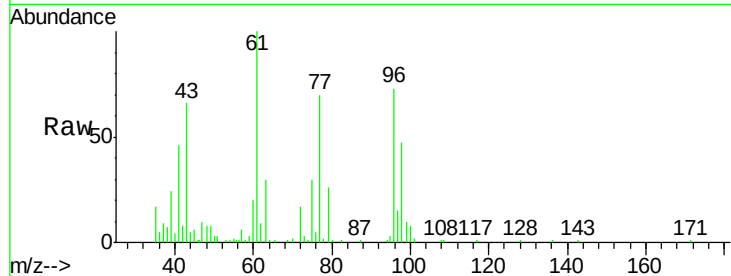


#27

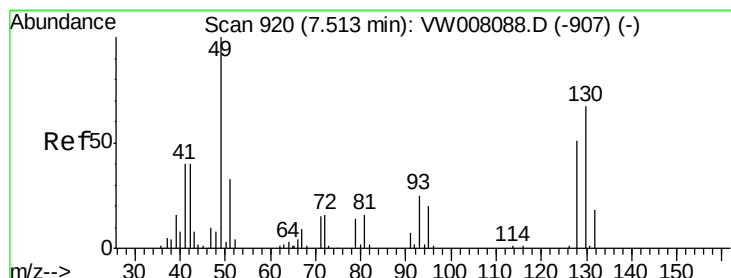
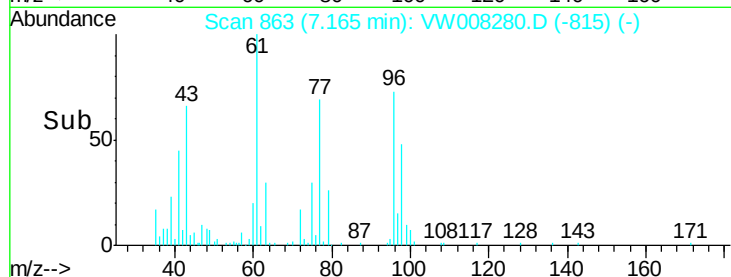
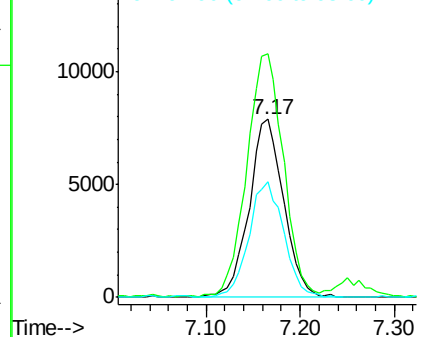
cis-1,2-Dichloroethene
 Concen: 21.192 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW008280.D
 Acq: 15 Jan 2019 13:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0115SBS01

Tot Ion: 96 Resp: 20341
 Ion Ratio Lower Upper
 96 100
 61 145.2 0.0 300.4
 98 65.4 0.0 128.4



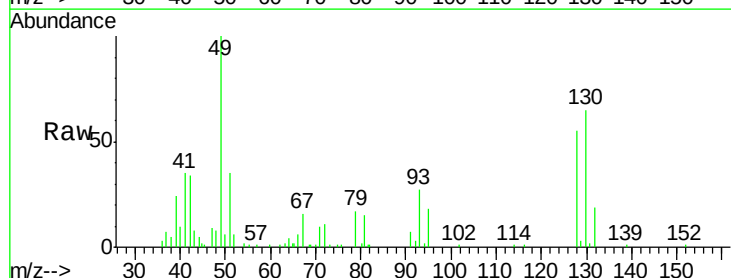
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



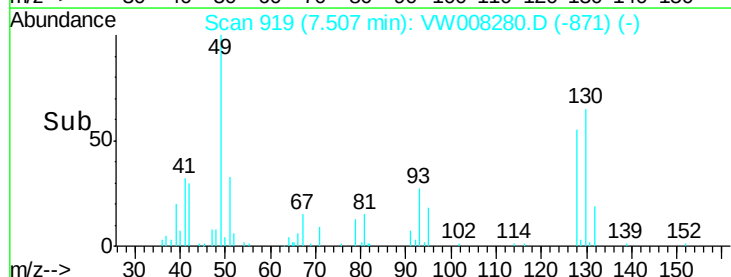
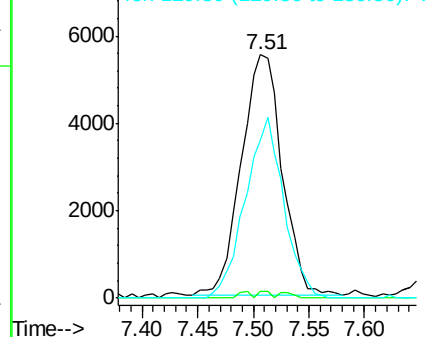
#28

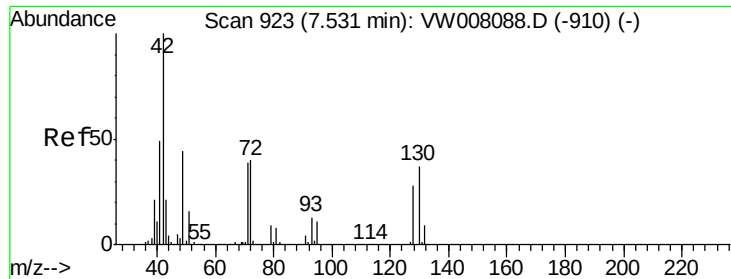
Bromochloromethane
 Concen: 21.689 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW008280.D
 Acq: 15 Jan 2019 13:26

Tgt Ion: 49 Resp: 14012
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 2.8
 130 70.7 54.3 81.5



Abundance Ion 48.90 (48.60 to 49.60): VW
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

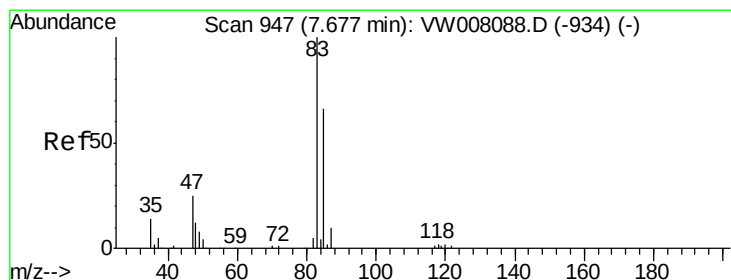
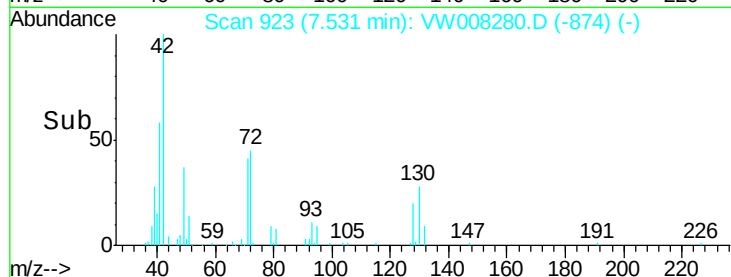
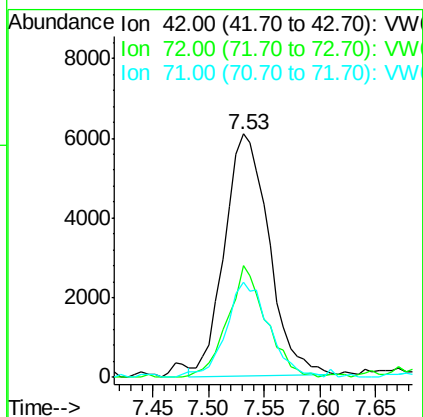
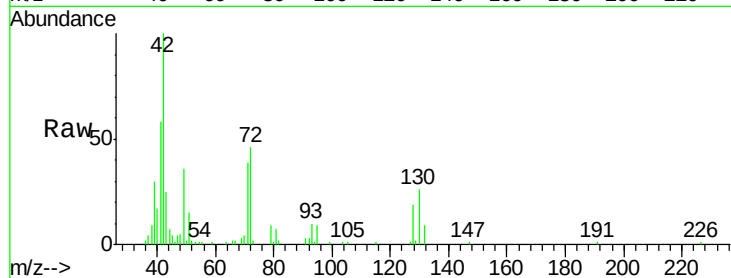




#29
Tetrahydrofuran
Concen: 108.679 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW008280.D
Acq: 15 Jan 2019 13:26

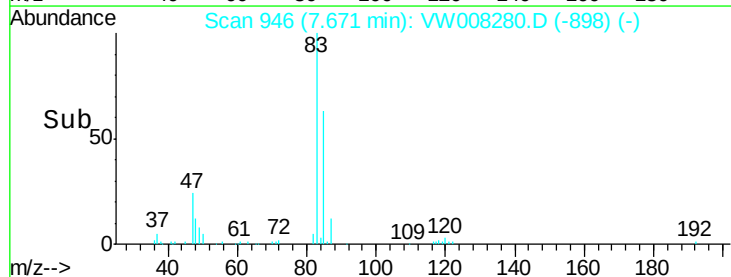
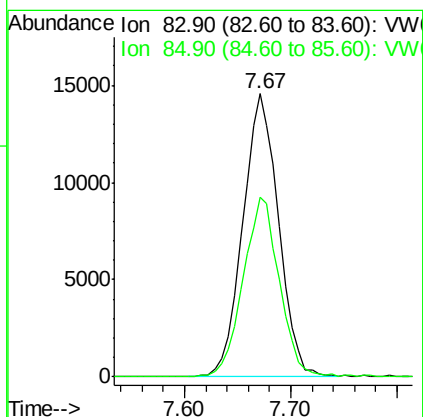
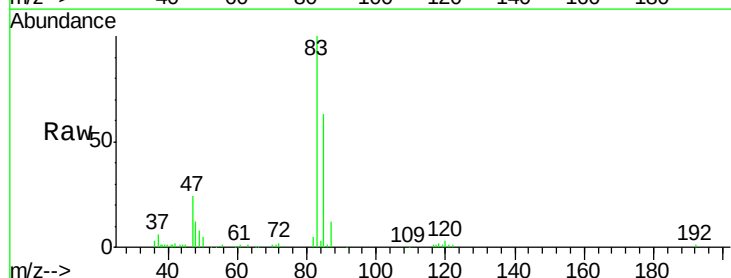
Instrument :
MSVOA_W
ClientSampleId :
VW0115SBS01

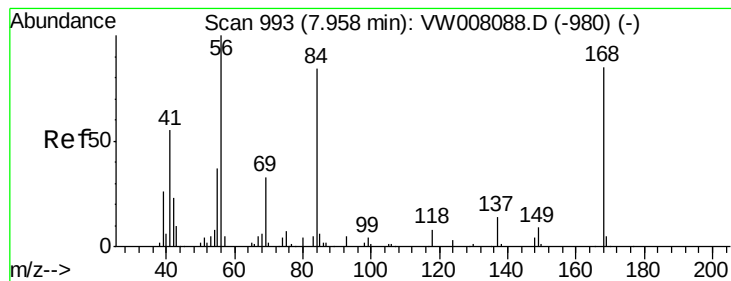
Tot Ion: 42 Resp: 16782
Ion Ratio Lower Upper
42 100
72 40.1 32.4 48.6
71 38.3 31.3 46.9



#30
Chloroform
Concen: 22.022 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW008280.D
Acq: 15 Jan 2019 13:26

Tgt Ion: 83 Resp: 34237
Ion Ratio Lower Upper
83 100
85 63.4 53.2 79.8





#31

Cyclohexane

Concen: 19.923 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008280.D

Acq: 15 Jan 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

VW0115SBS01

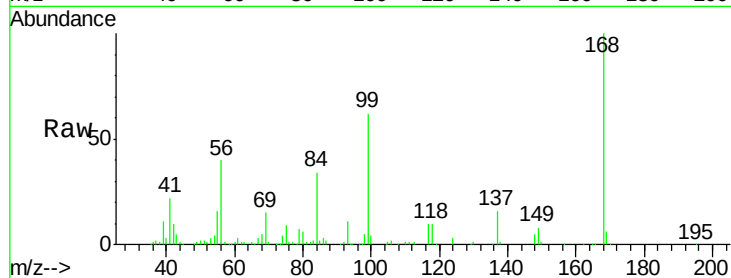
Tot Ion: 56 Resp: 34836

Ion Ratio Lower Upper

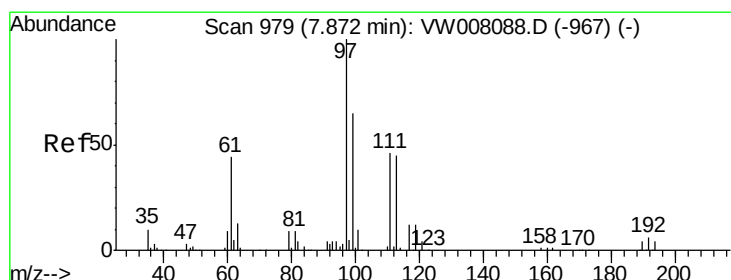
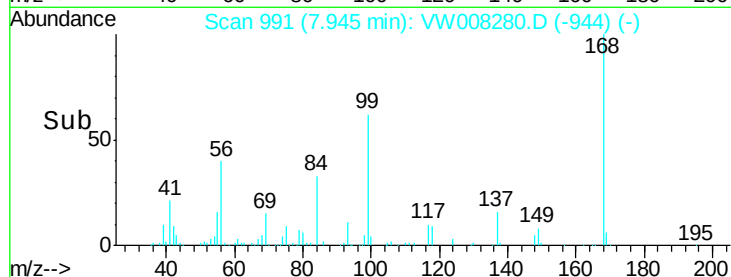
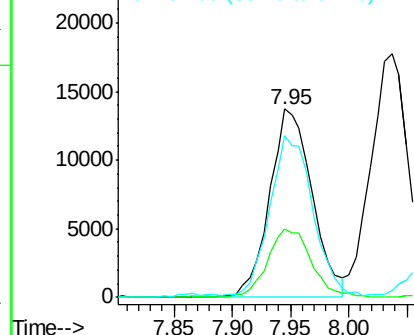
56 100

69 35.8 26.2 39.4

84 84.1 67.4 101.2



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



#32

1,1,1-Trichloroethane

Concen: 21.589 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW008280.D

Acq: 15 Jan 2019 13:26

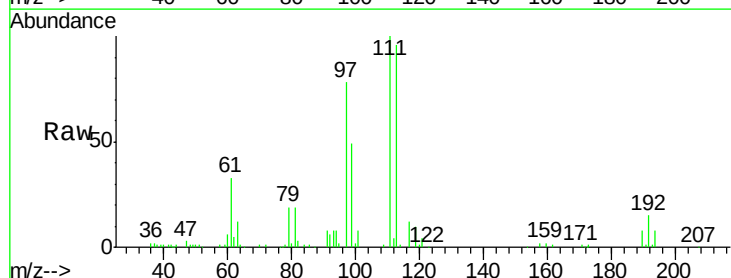
Tgt Ion: 97 Resp: 29205

Ion Ratio Lower Upper

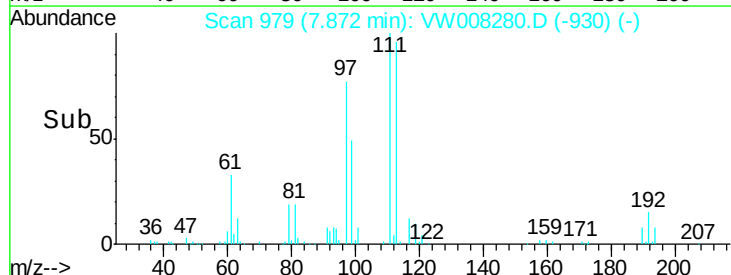
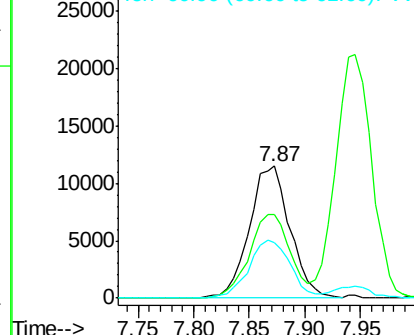
97 100

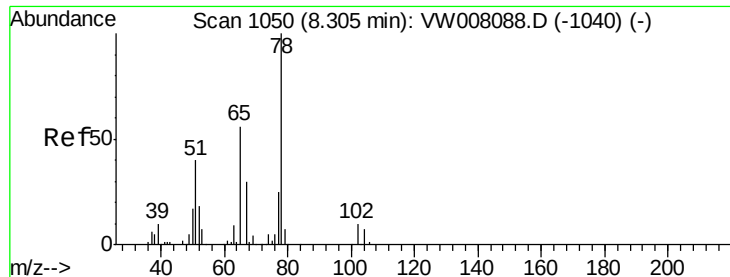
99 64.0 51.4 77.0

61 44.6 35.6 53.4



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

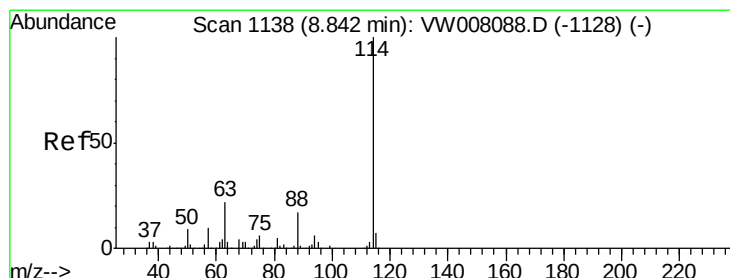
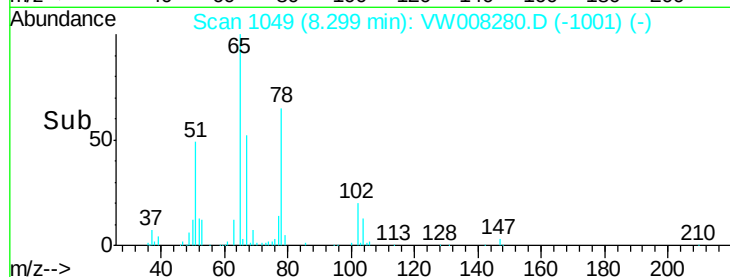
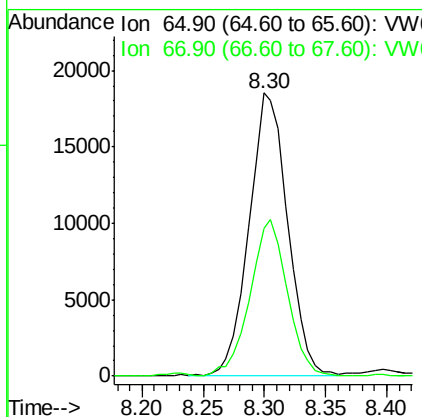
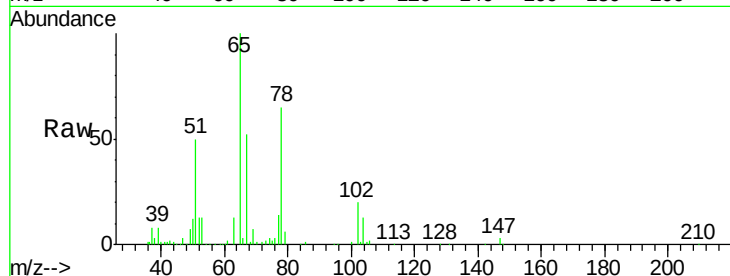




#33
 1,2-Dichloroethane-d4
 Concen: 48.951 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW008280.D
 Acq: 15 Jan 2019 13:26

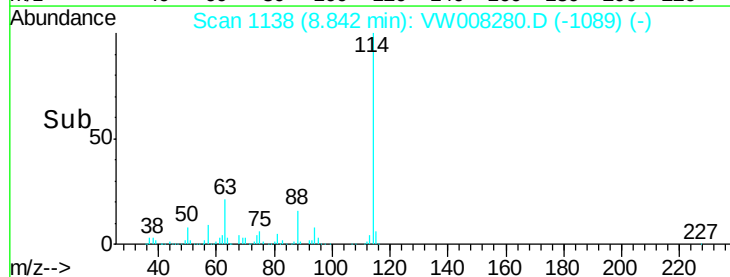
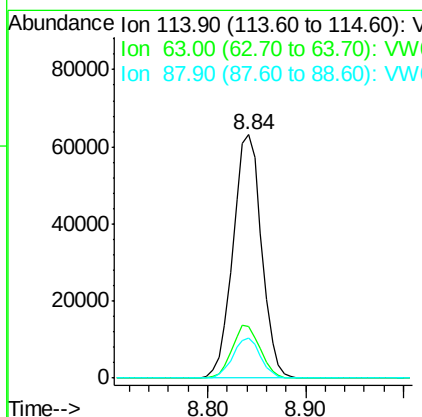
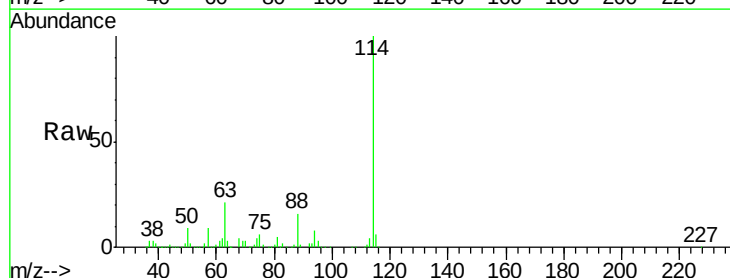
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0115SBS01

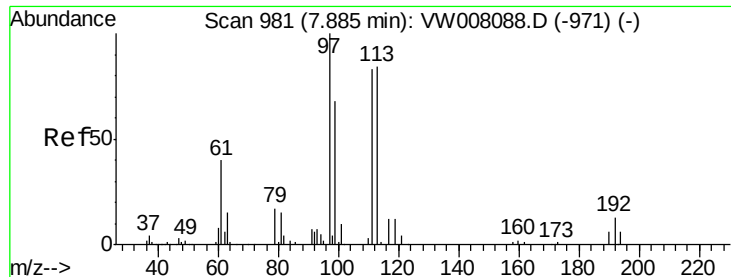
Tot Ion: 65 Resp: 40671
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008280.D
 Acq: 15 Jan 2019 13:26

Tgt Ion: 114 Resp: 127907
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 43.4
 88 16.2 0.0 33.4

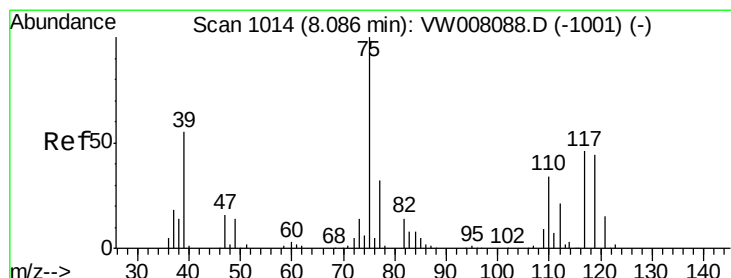
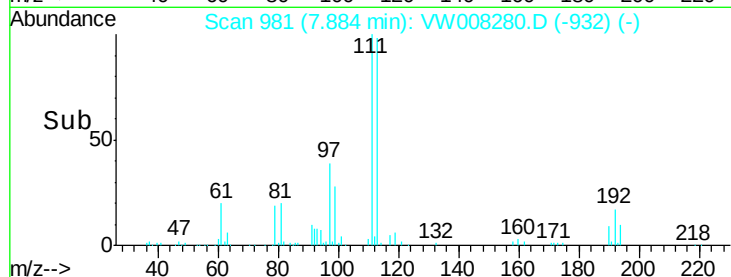
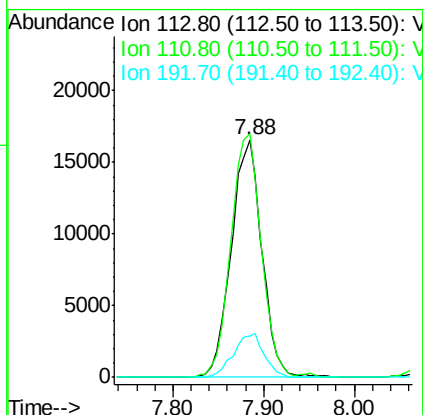
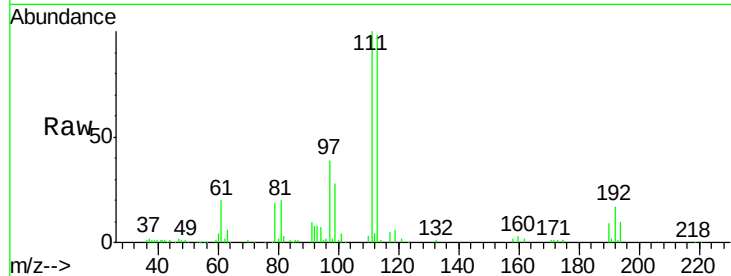




#35
 Dibromofluoromethane
 Concen: 51.990 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008280.D
 Acq: 15 Jan 2019 13:26

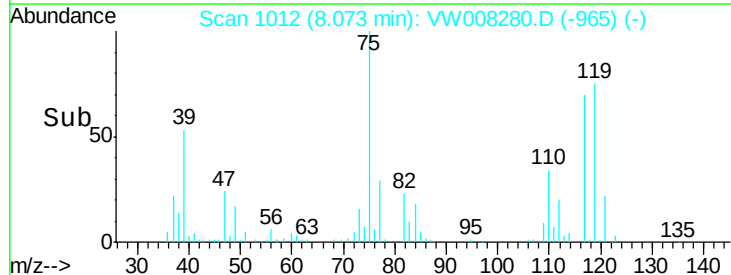
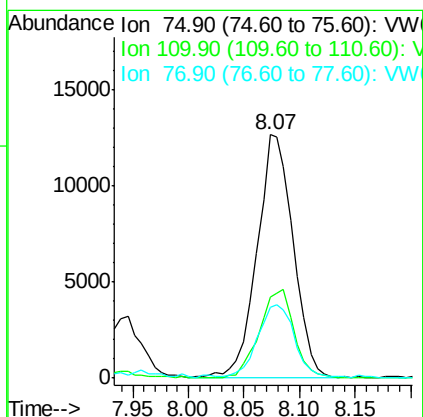
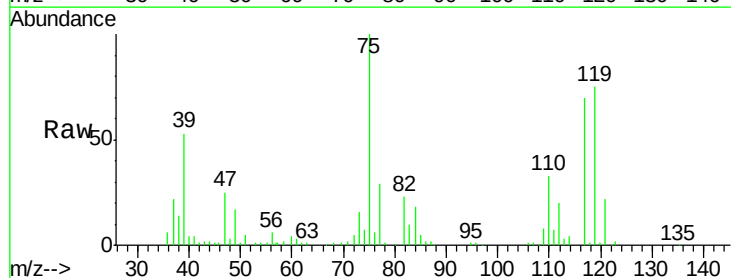
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0115SBS01

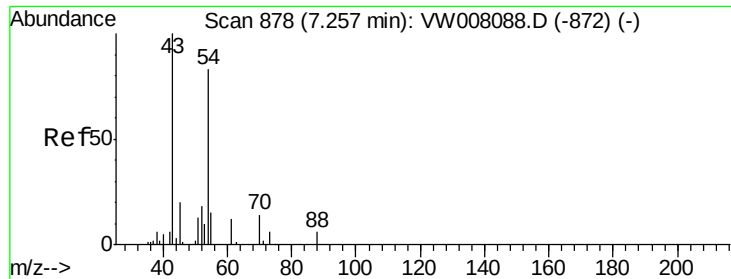
Tot Ion:113 Resp: 38785
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.8 122.8
 192 18.2 12.8 19.2



#36
 1,1-Dichloropropene
 Concen: 21.790 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: VW008280.D
 Acq: 15 Jan 2019 13:26

Tgt Ion: 75 Resp: 28710
 Ion Ratio Lower Upper
 75 100
 110 34.8 17.1 51.3
 77 29.6 25.5 38.3

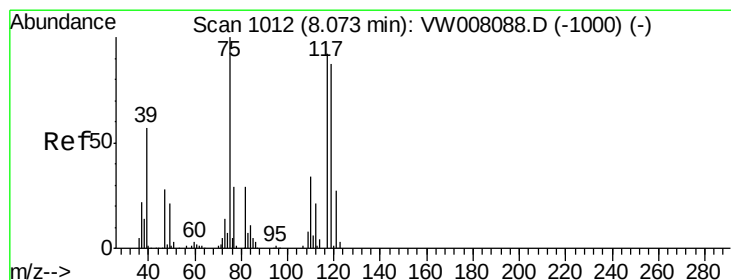
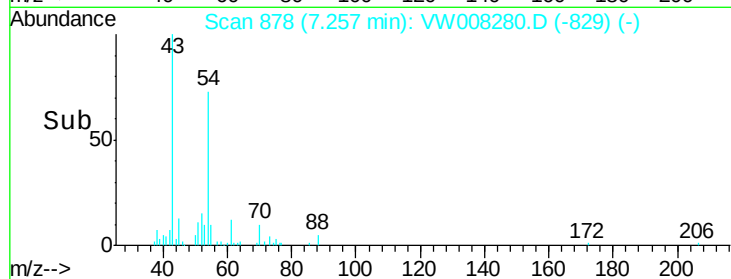
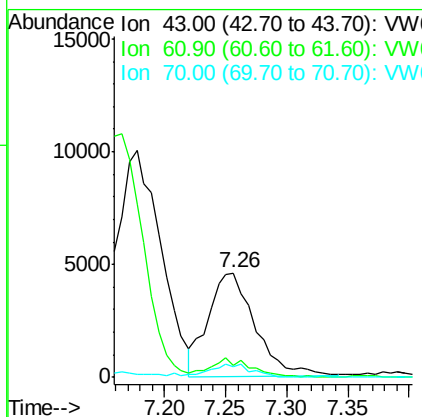
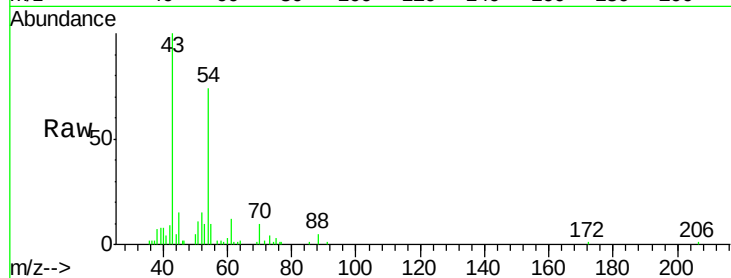




#37
Ethyl Acetate
Concen: 23.423 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW008280.D
Acq: 15 Jan 2019 13:26

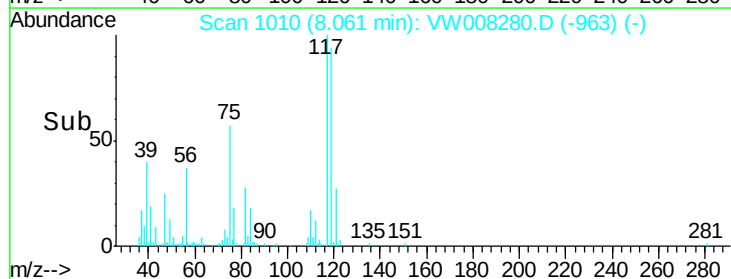
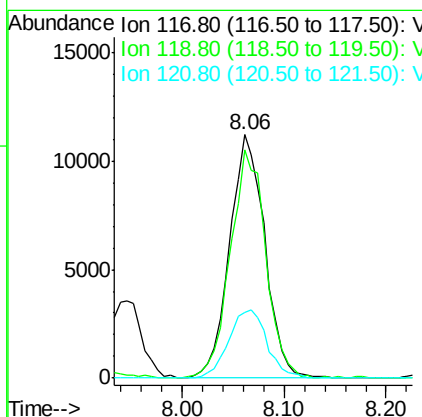
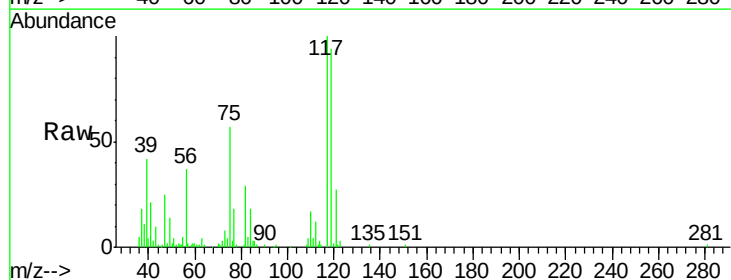
Instrument :
MSVOA_W
ClientSampleId :
VW0115SBS01

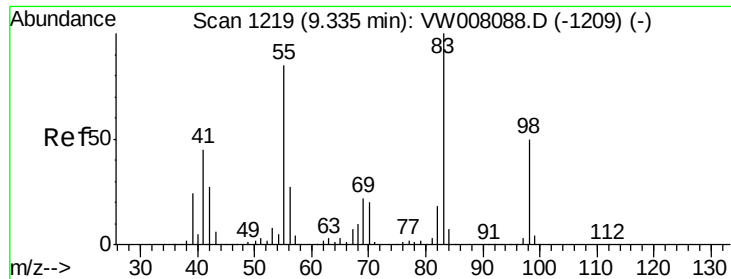
Tot Ion: 43 Resp: 12364
Ion Ratio Lower Upper
43 100
61 16.2 10.6 16.0#
70 11.2 8.9 13.3



#38
Carbon Tetrachloride
Concen: 22.217 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW008280.D
Acq: 15 Jan 2019 13:26

Tgt Ion: 117 Resp: 26793
Ion Ratio Lower Upper
117 100
119 93.2 75.8 113.8
121 27.2 23.7 35.5

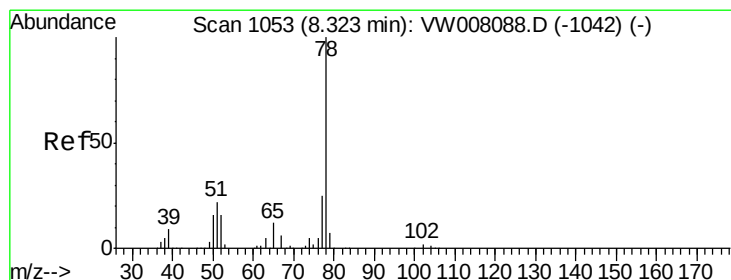
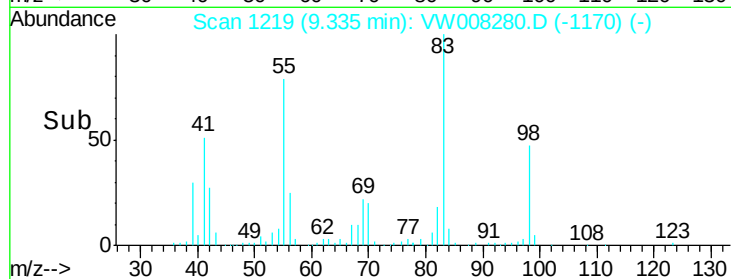
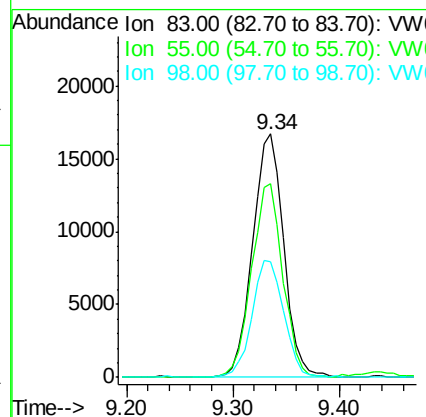
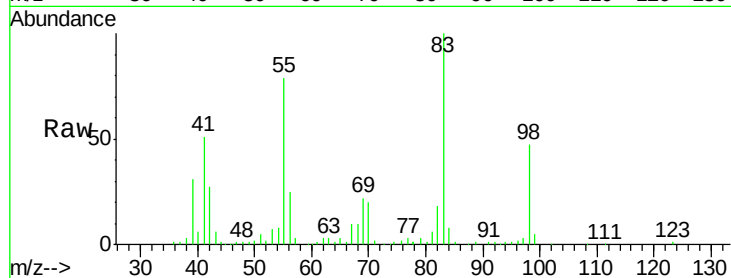




#39
Methylvlcyclohexane
Concen: 20.571 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008280.D
Acq: 15 Jan 2019 13:26

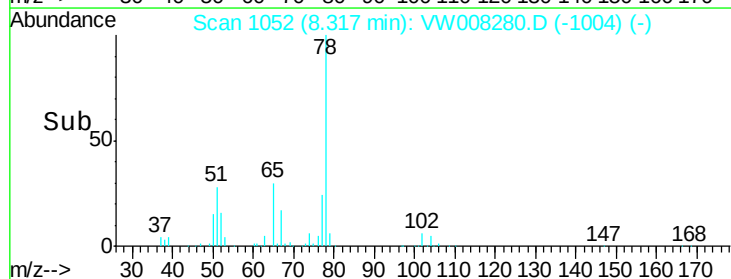
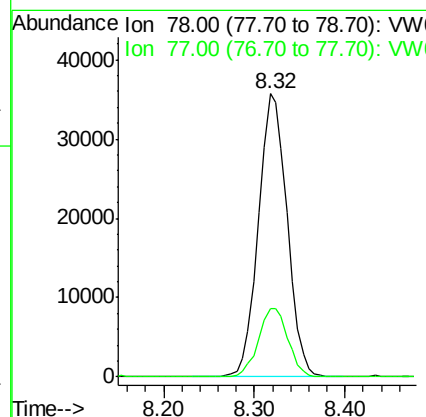
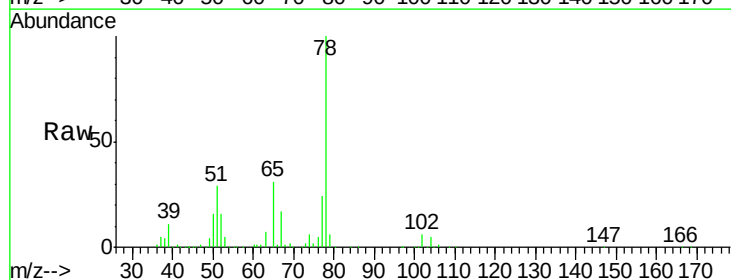
Instrument :
MSVOA_W
ClientSampleId :
VW0115SBS01

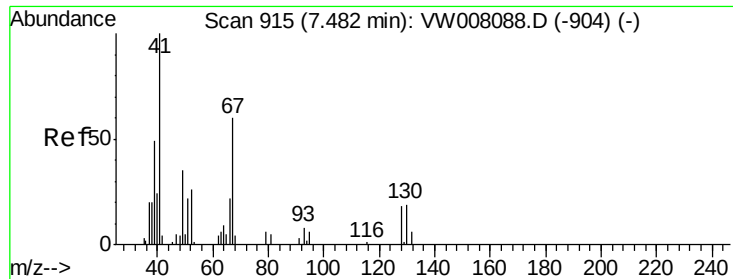
Tot Ion: 83 Resp: 34367
Ion Ratio Lower Upper
83 100
55 79.0 67.8 101.6
98 47.5 40.2 60.4



#40
Benzene
Concen: 21.911 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW008280.D
Acq: 15 Jan 2019 13:26

Tgt Ion: 78 Resp: 78301
Ion Ratio Lower Upper
78 100
77 24.3 20.2 30.4

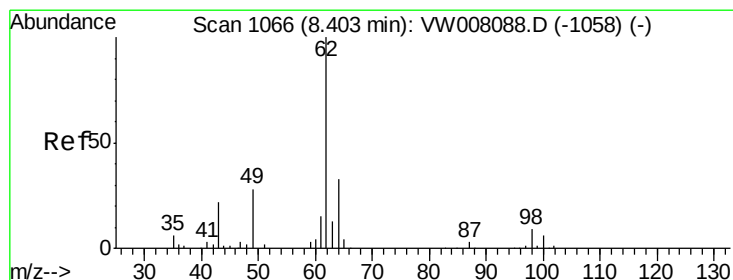
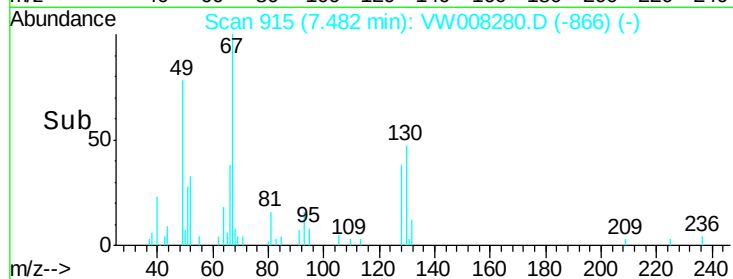
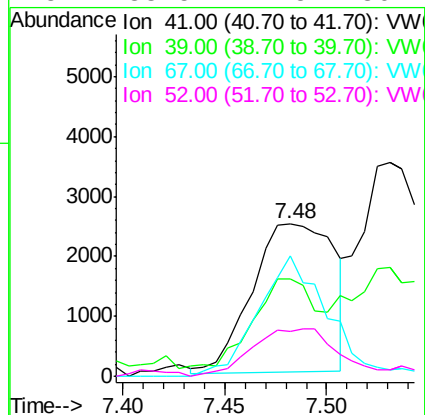
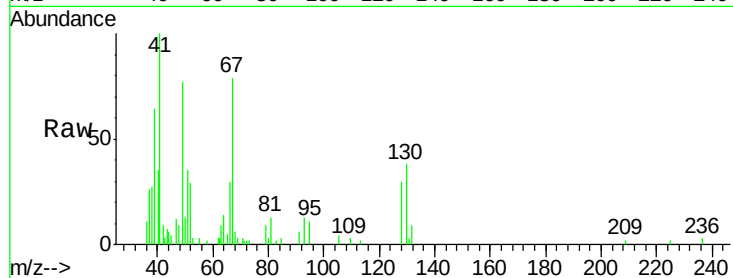




#41
Methacrylonitrile
Concen: 20.792 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW008280.D
Acq: 15 Jan 2019 13:26

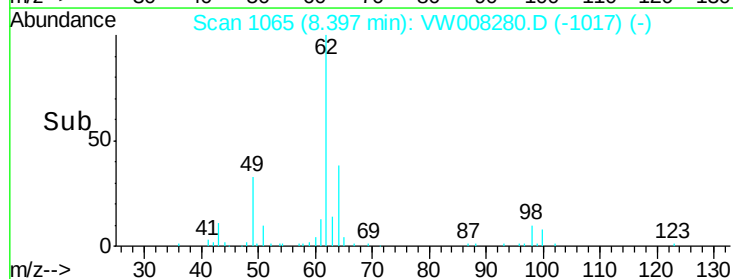
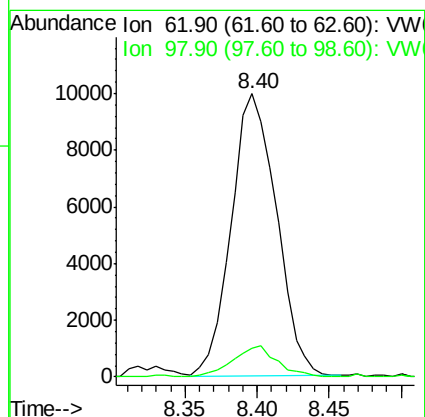
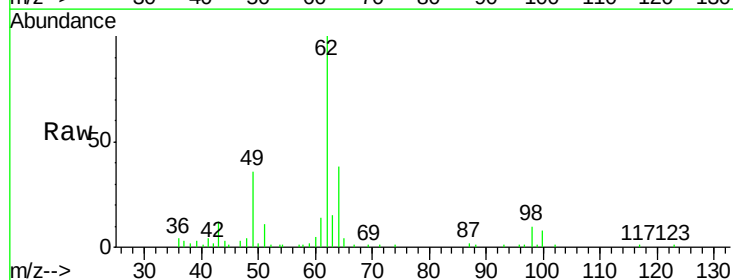
Instrument :
MSVOA_W
ClientSampled :
VW0115SBS01

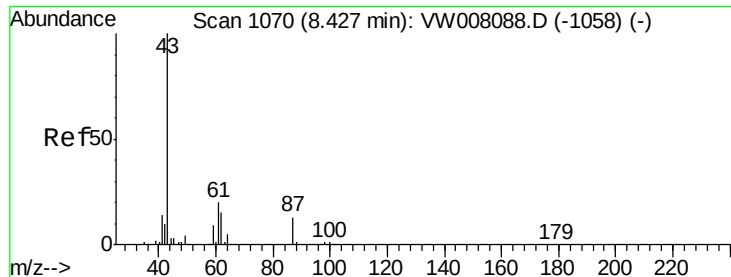
Tot Ion:	41	Resp:	6933
Ion	Ratio	Lower	Upper
41	100		
39	47.7	47.9	71.9#
67	68.9	56.3	84.5
52	33.5	24.5	36.7



#42
1,2-Dichloroethane
Concen: 21.664 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW008280.D
Acq: 15 Jan 2019 13:26

Tgt Ion:	62	Resp:	21774
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	18.6





#43

Isopropyl Acetate

Concen: 20.934 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW008280.D

Acq: 15 Jan 2019 13:26

Instrument :

MSVOA_W

ClientSampled :

VW0115SBS01

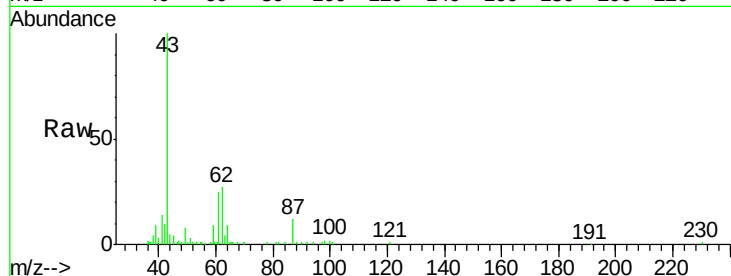
Tot Ion: 43 Resp: 22094

Ion Ratio Lower Upper

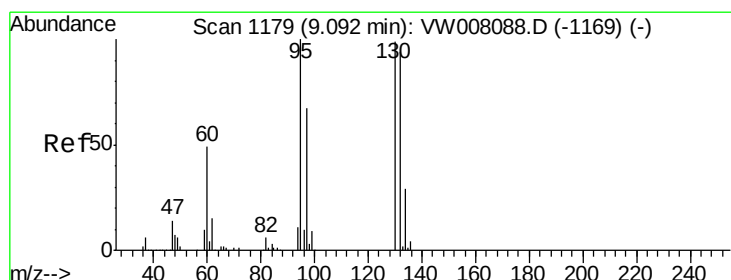
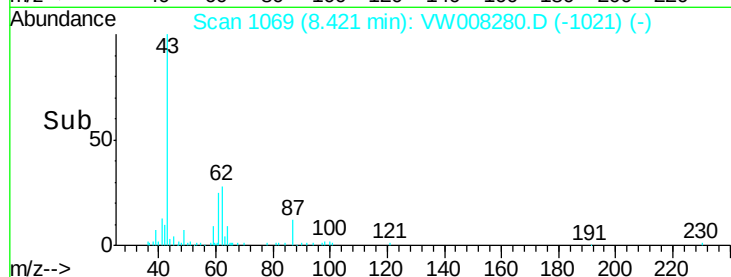
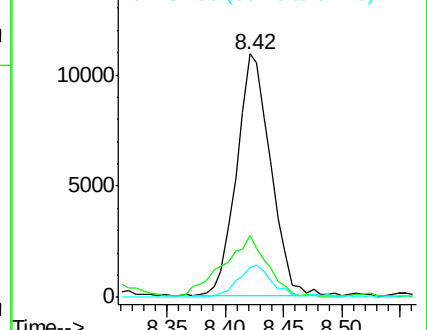
43 100

61 33.5 24.8 37.2

87 13.4 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 21.979 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW008280.D

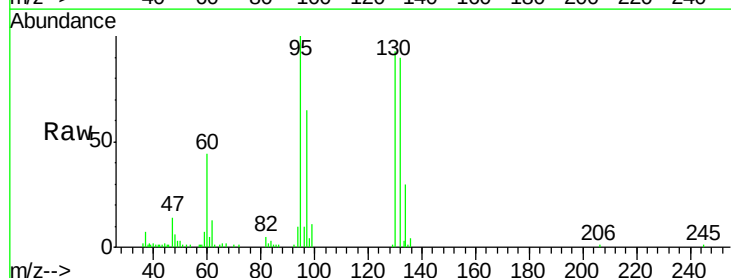
Acq: 15 Jan 2019 13:26

Tgt Ion: 130 Resp: 20106

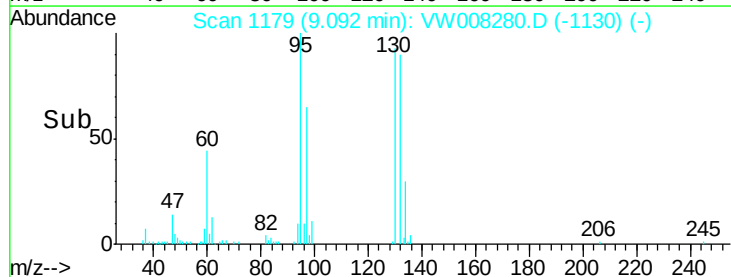
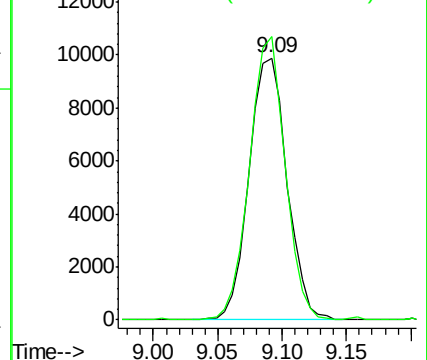
Ion Ratio Lower Upper

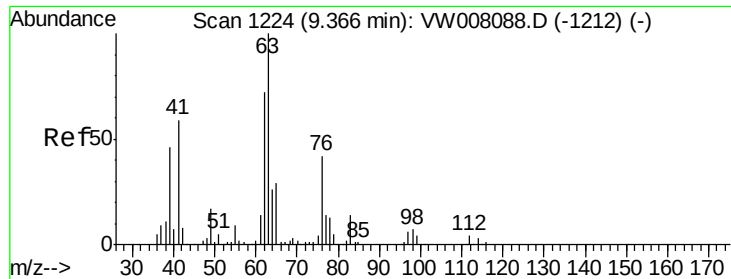
130 100

95 108.1 0.0 202.8



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





#45

1,2-Dichloropropane

Concen: 22.353 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW008280.D

Acq: 15 Jan 2019 13:26

Instrument :

MSVOA_W

ClientSampled :

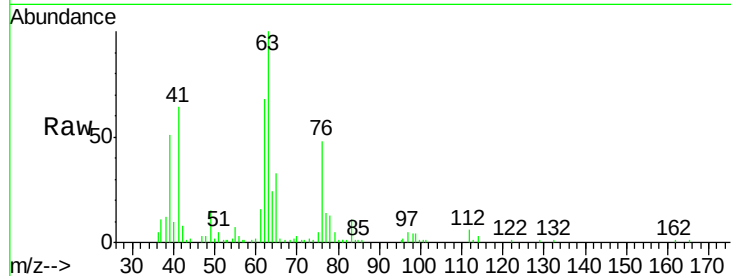
VW0115SBS01

Tot Ion: 63 Resp: 19807

Ion Ratio Lower Upper

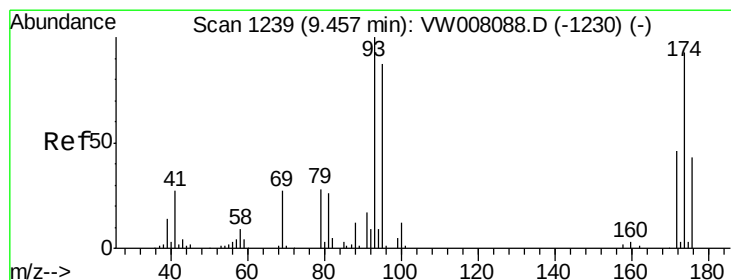
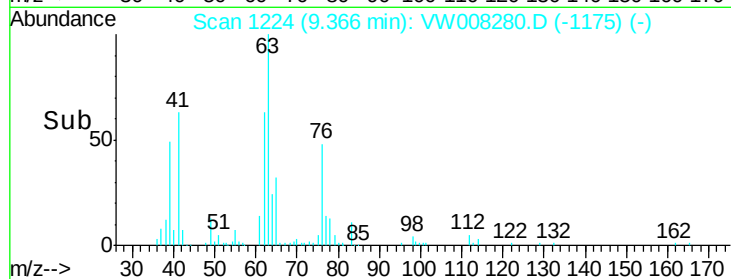
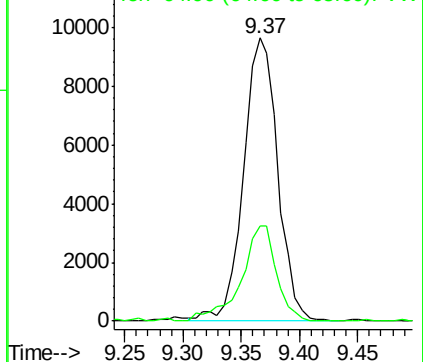
63 100

65 33.5 23.3 34.9



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 23.547 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.01 min

Lab File: VW008280.D

Acq: 15 Jan 2019 13:26

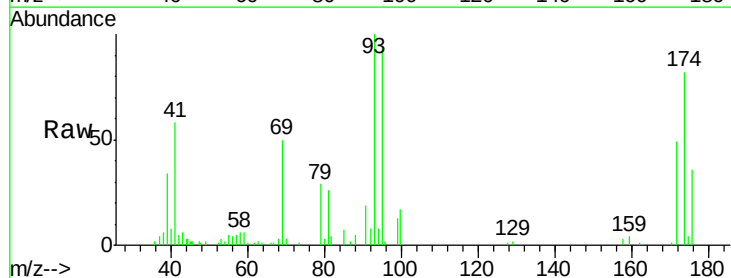
Tgt Ion: 93 Resp: 10247

Ion Ratio Lower Upper

93 100

95 85.5 67.5 101.3

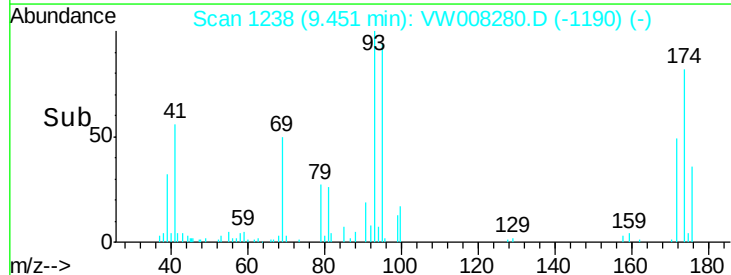
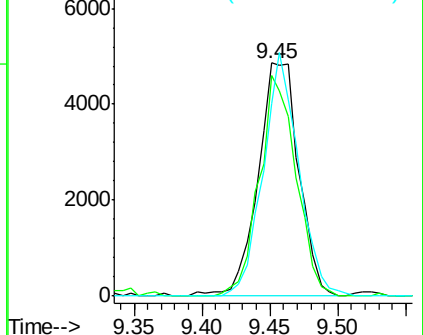
174 90.4 72.5 108.7

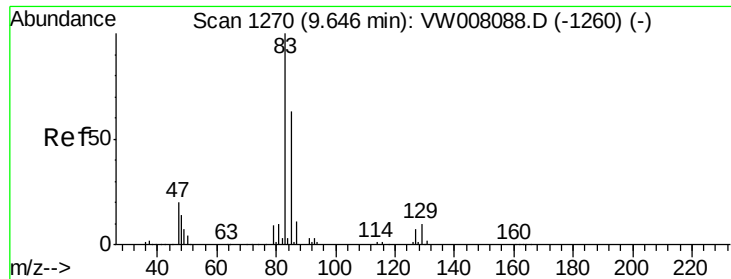


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V

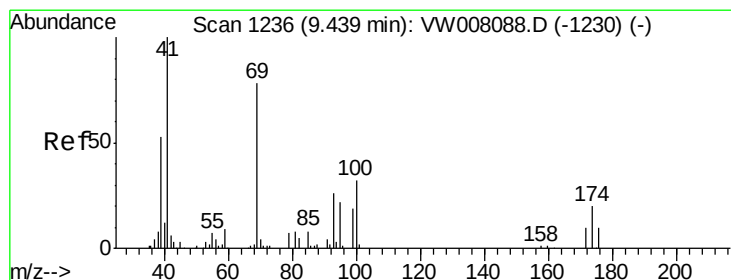
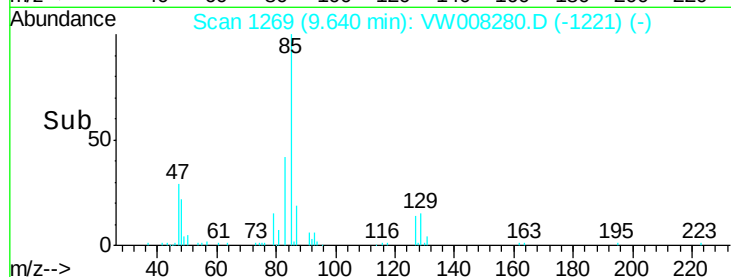
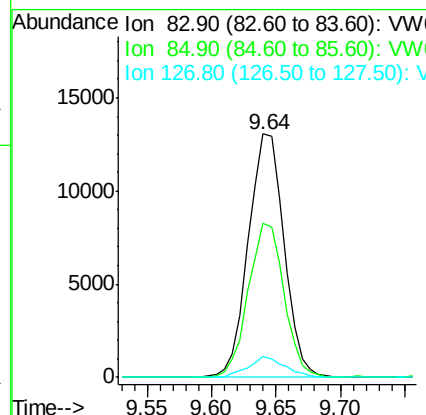
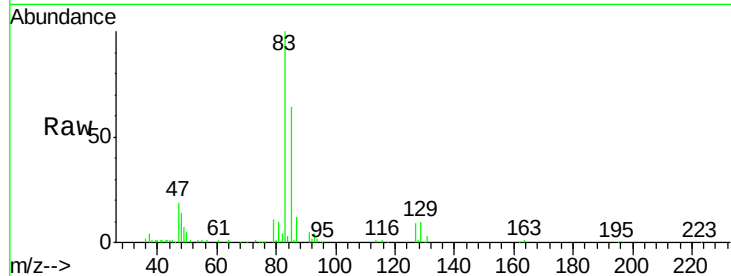




#47
Bromodichloromethane
Concen: 22.578 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW008280.D
Acq: 15 Jan 2019 13:26

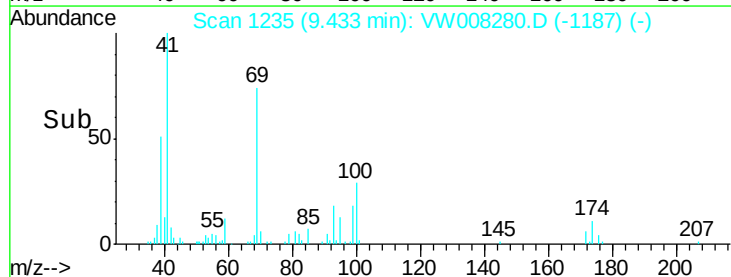
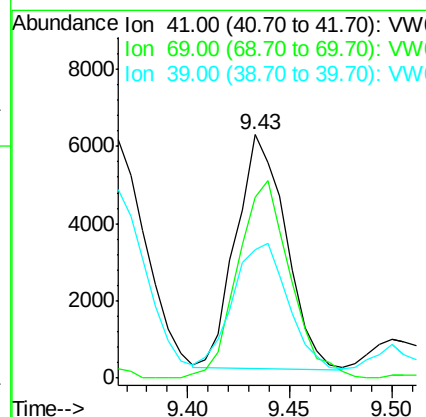
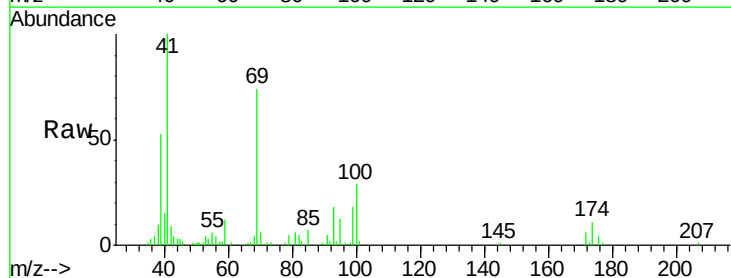
Instrument :
MSVOA_W
ClientSampleId :
VW0115SBS01

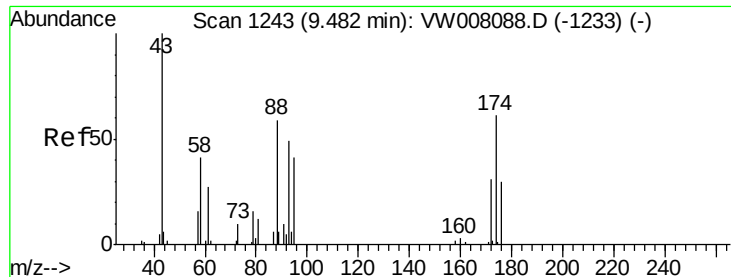
Tot Ion: 83 Resp: 24948
Ion Ratio Lower Upper
83 100
85 63.5 50.7 76.1
127 8.7 6.0 9.0



#48
Methyl methacrylate
Concen: 20.683 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VW008280.D
Acq: 15 Jan 2019 13:26

Tgt Ion: 41 Resp: 10300
Ion Ratio Lower Upper
41 100
69 88.5 61.9 92.9
39 67.3 43.0 64.4#

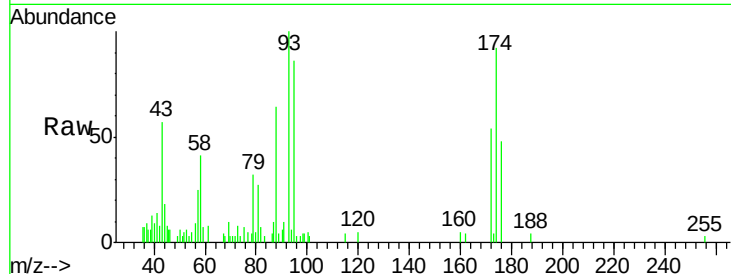




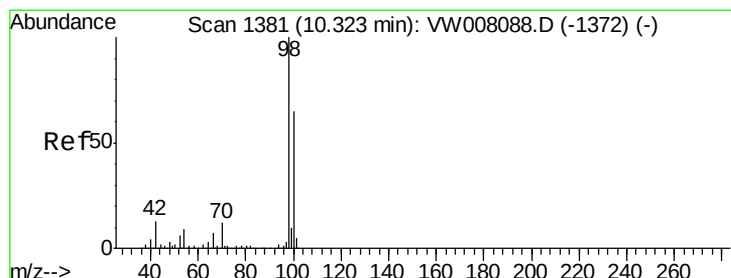
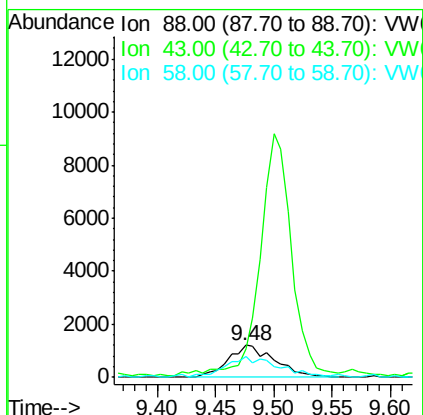
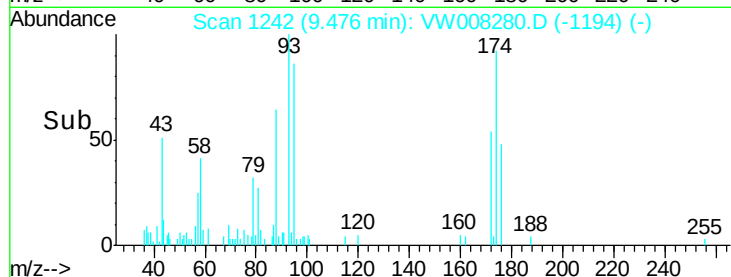
#49
1,4-Dioxane
Concen: 477.684 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. -0.01 min
Lab File: VW008280.D
Acq: 15 Jan 2019 13:26

Instrument :
MSVOA_W
ClientSampleId :
VW0115SBS01

Tot Ion: 88 Resp: 3343
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 76.1 61.7 92.5

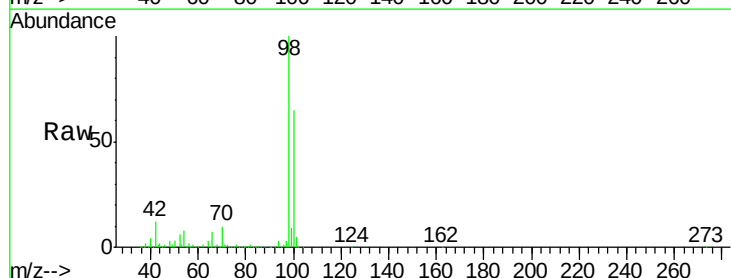


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

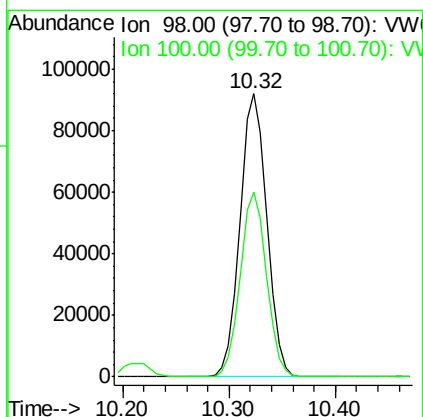
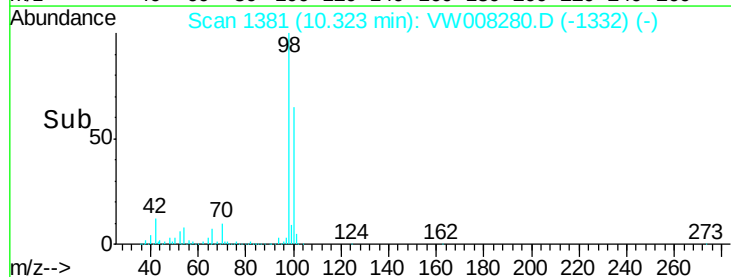


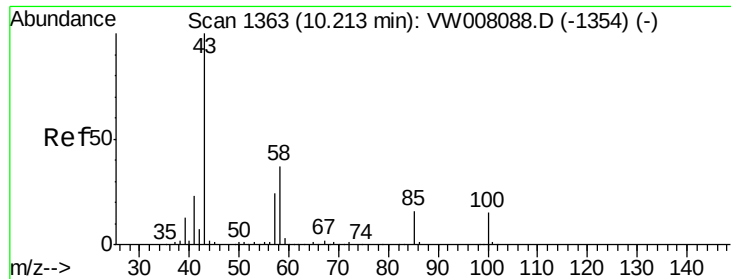
#50
Toluene-d8
Concen: 52.039 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008280.D
Acq: 15 Jan 2019 13:26

Tgt Ion: 98 Resp: 162909
Ion Ratio Lower Upper
98 100
100 64.0 51.7 77.5



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

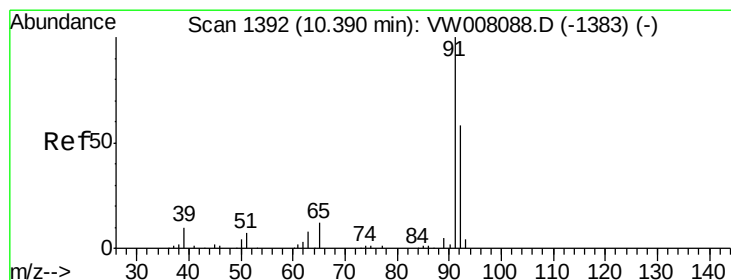
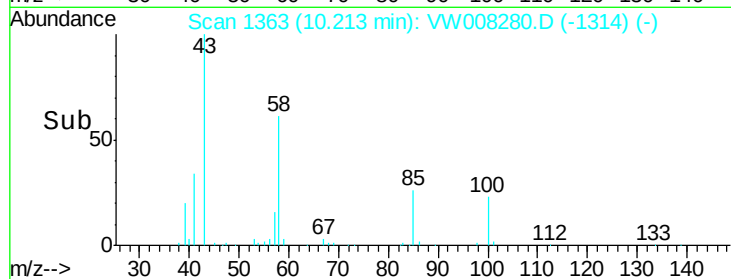
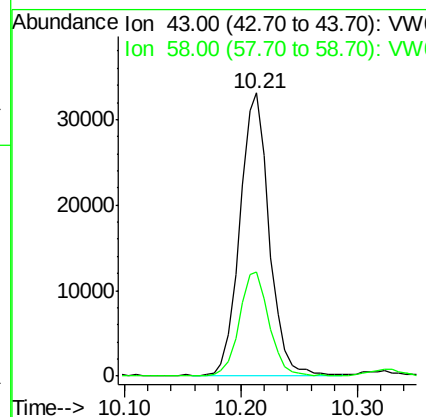
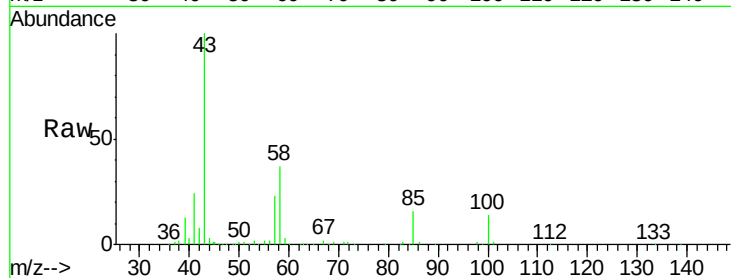




#51
 4-Methyl-2-Pentanone
 Concen: 114.137 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW008280.D
 Acq: 15 Jan 2019 13:26

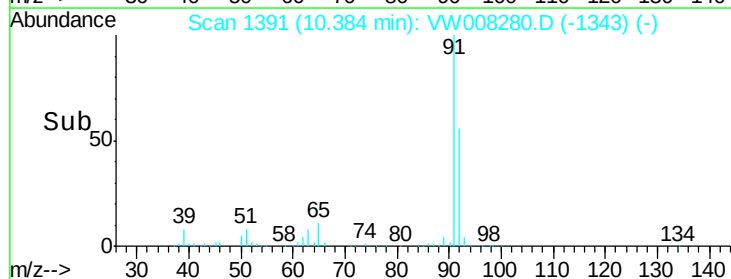
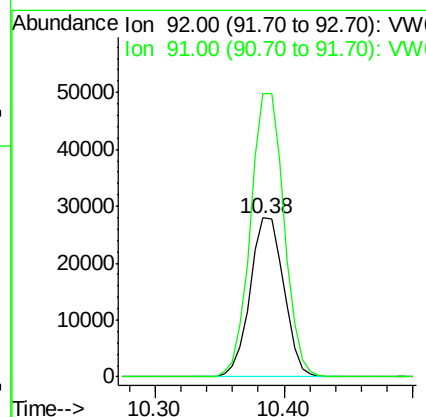
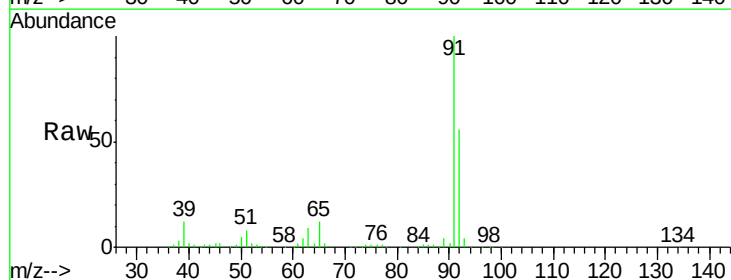
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0115SBS01

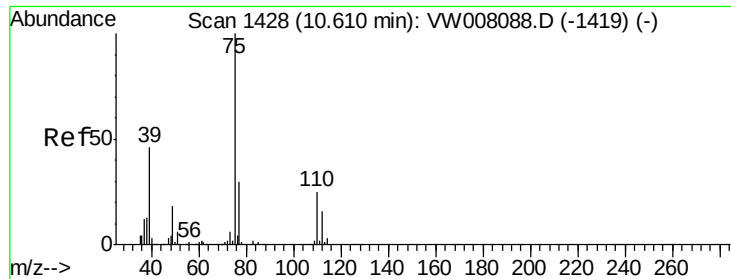
Tot Ion: 43 Resp: 58309
 Ion Ratio Lower Upper
 43 100
 58 37.4 30.6 46.0



#52
 Toluene
 Concen: 22.125 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW008280.D
 Acq: 15 Jan 2019 13:26

Tgt Ion: 92 Resp: 50495
 Ion Ratio Lower Upper
 92 100
 91 176.6 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 21.914 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.01 min

Lab File: VW008280.D

Acq: 15 Jan 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

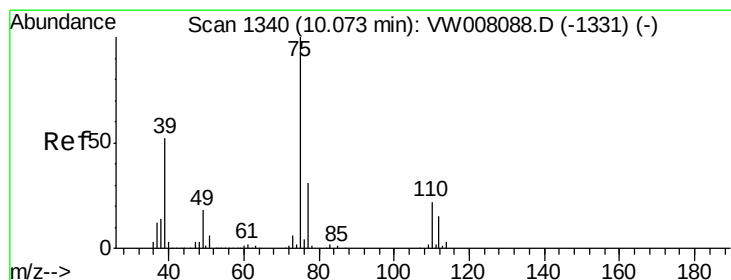
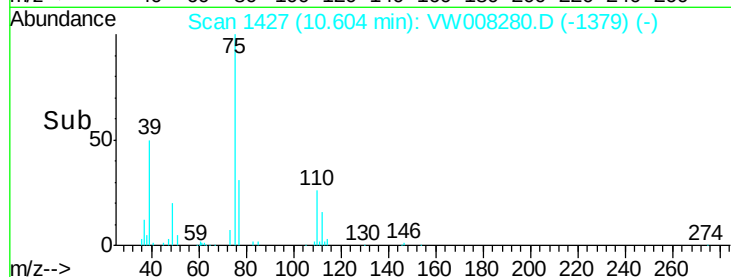
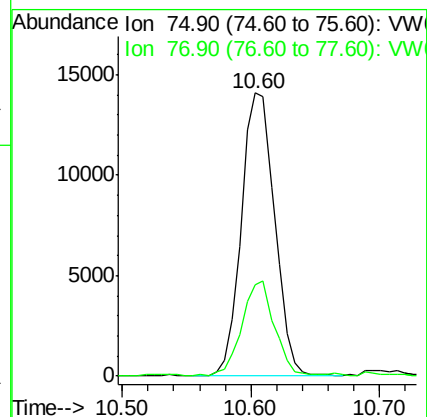
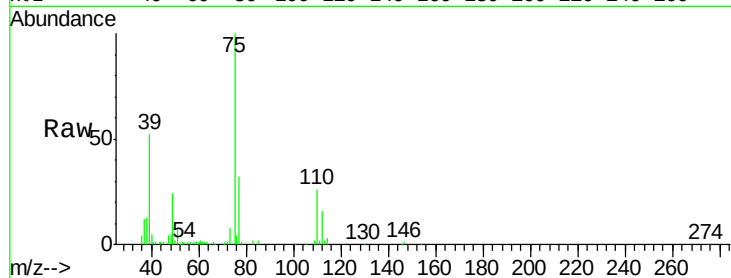
VW0115SBS01

Tot Ion: 75 Resp: 25188

Ion Ratio Lower Upper

75 100

77 32.2 24.4 36.6



#54

cis-1,3-Dichloropropene

Concen: 21.715 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW008280.D

Acq: 15 Jan 2019 13:26

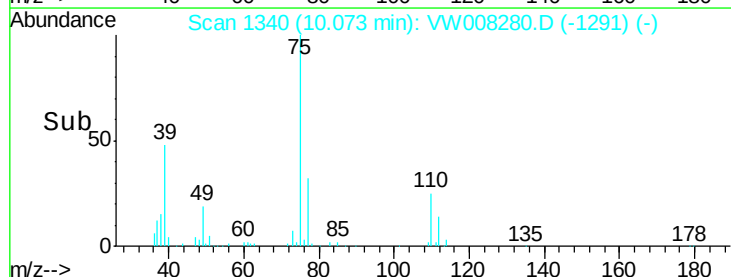
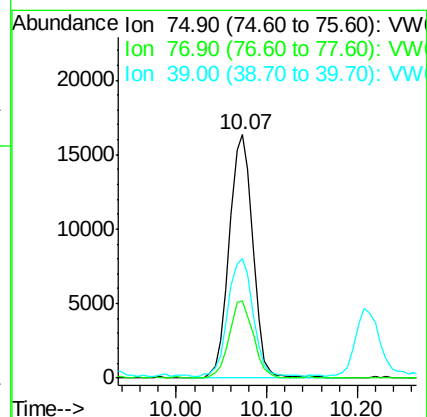
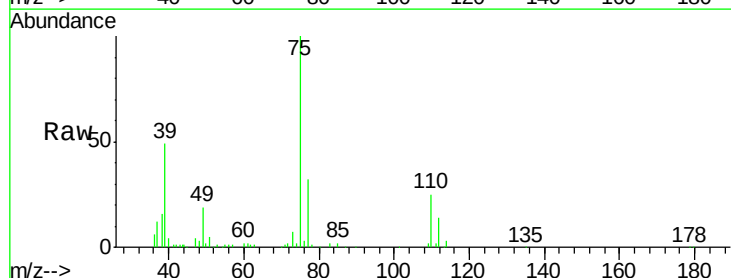
Tgt Ion: 75 Resp: 29597

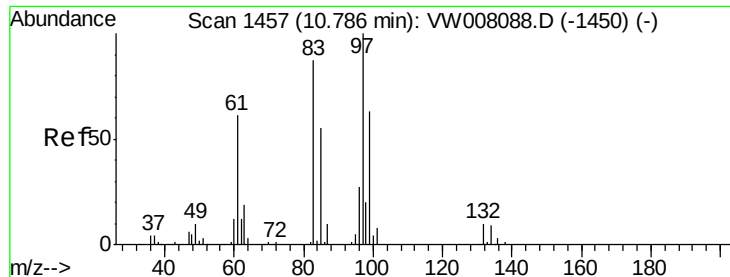
Ion Ratio Lower Upper

75 100

77 31.9 25.2 37.8

39 48.4 41.4 62.0

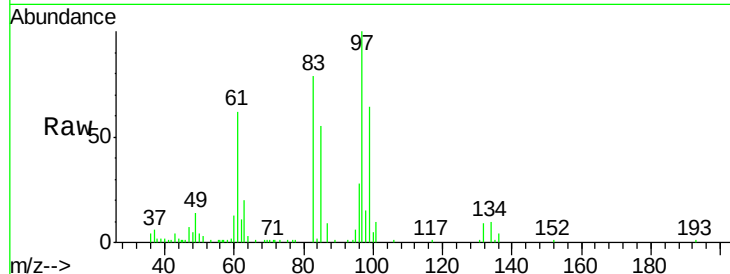




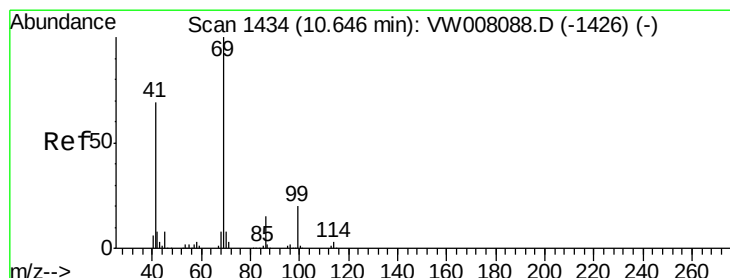
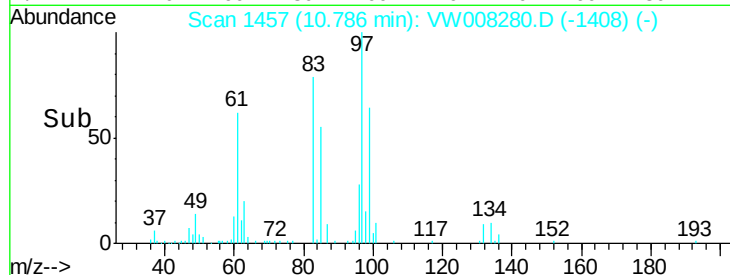
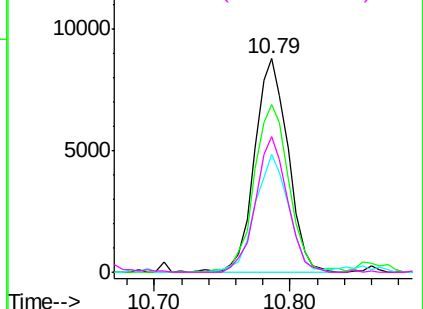
#55
 1,1,2-Trichloroethane
 Concen: 24.785 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW008280.D
 Acq: 15 Jan 2019 13:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0115SBS01

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	78.8	69.3	103.9	
85	55.2	43.8	65.6	
99	63.7	50.0	75.0	

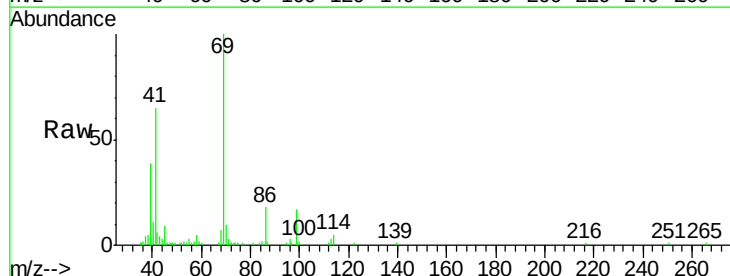


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

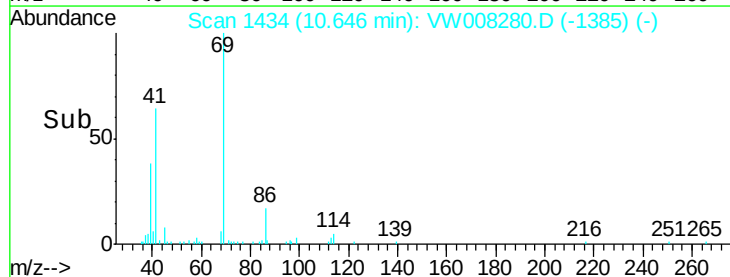
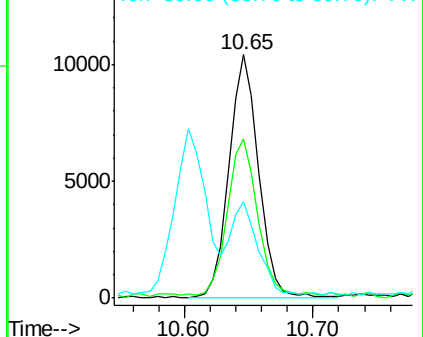


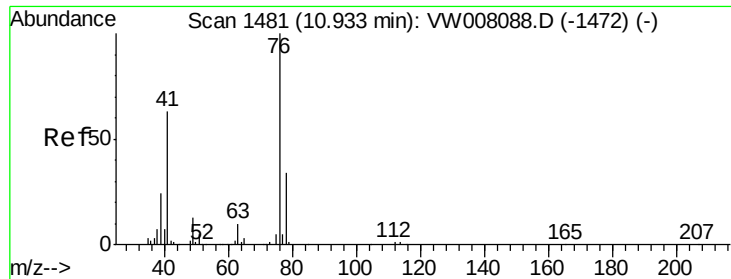
#56
 Ethyl methacrylate
 Concen: 22.108 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW008280.D
 Acq: 15 Jan 2019 13:26

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	65.1	56.4	84.6	
39	34.5	28.1	42.1	



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

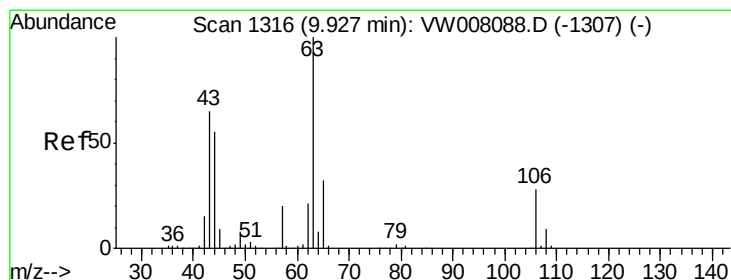
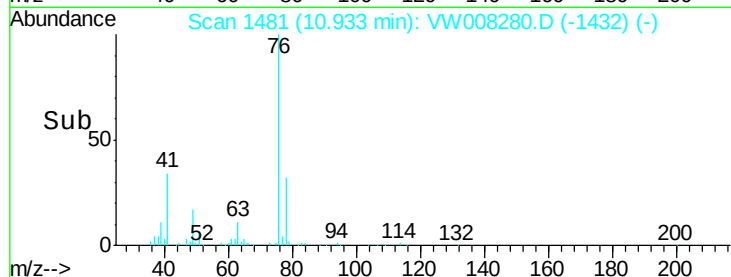
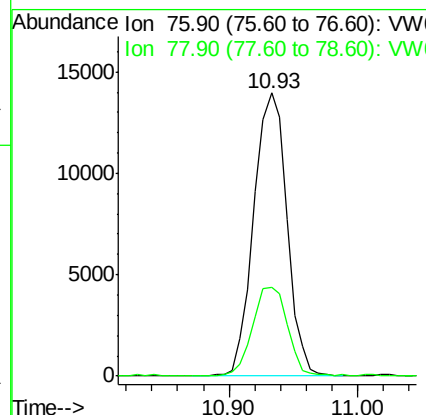
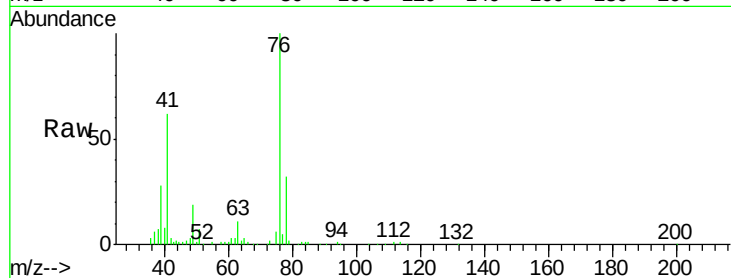




#57
 1,3-Dichloropropane
 Concen: 22.175 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW008280.D
 Acq: 15 Jan 2019 13:26

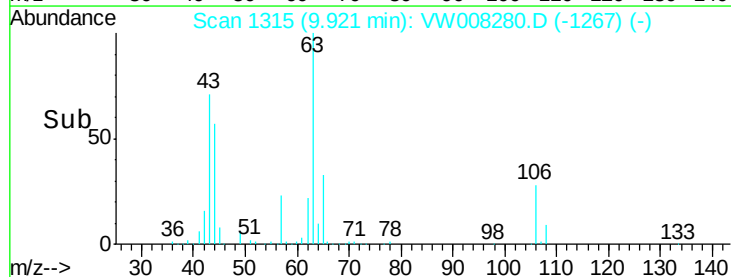
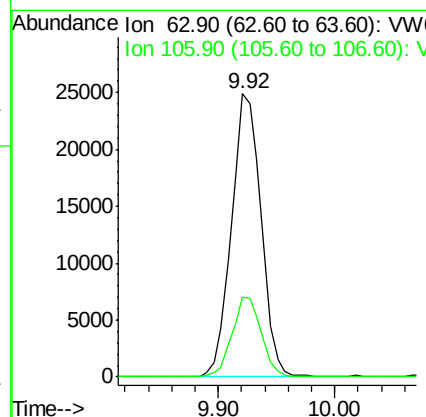
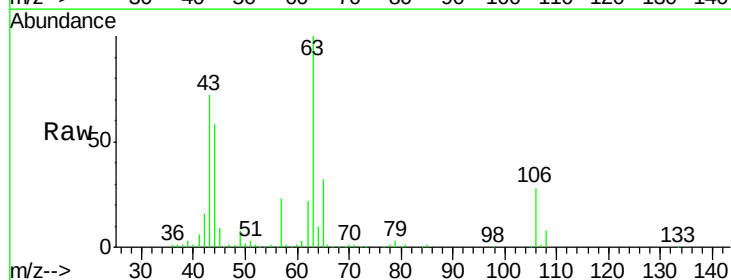
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0115SBS01

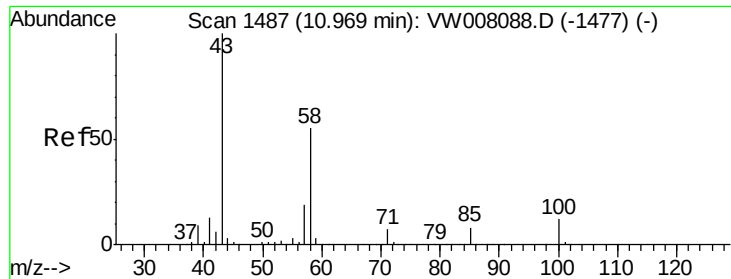
Tot Ion: 76 Resp: 24778
 Ion Ratio Lower Upper
 76 100
 78 33.5 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 112.574 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW008280.D
 Acq: 15 Jan 2019 13:26

Tgt Ion: 63 Resp: 43999
 Ion Ratio Lower Upper
 63 100
 106 28.0 21.8 32.6

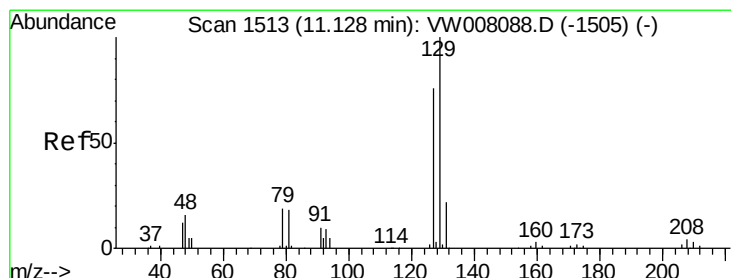
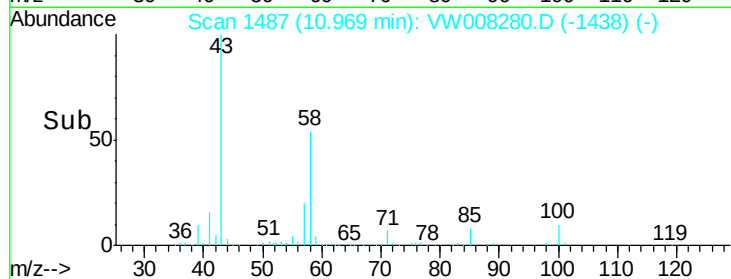
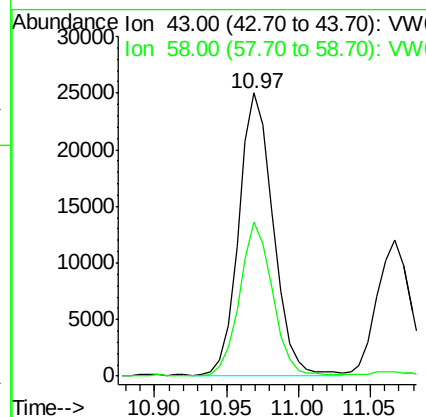
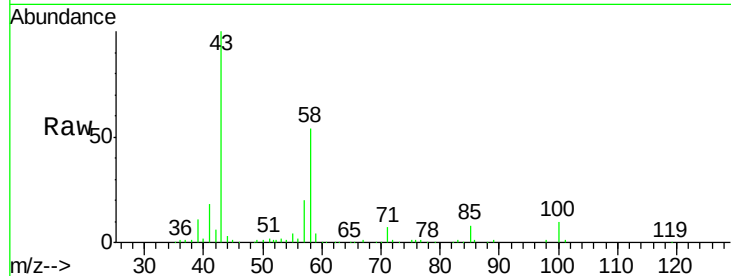




#59
2-Hexanone
Concen: 119.399 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008280.D
Acq: 15 Jan 2019 13:26

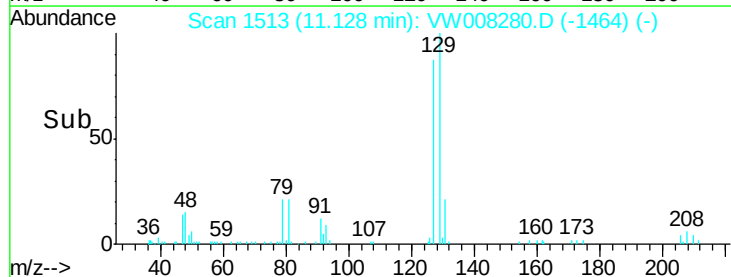
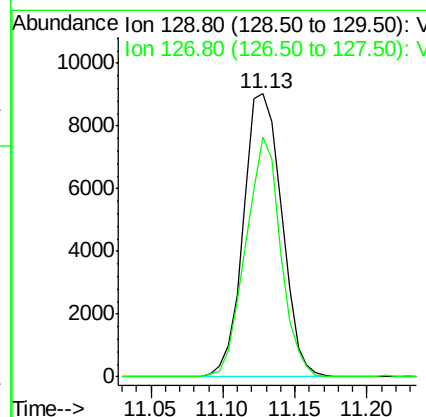
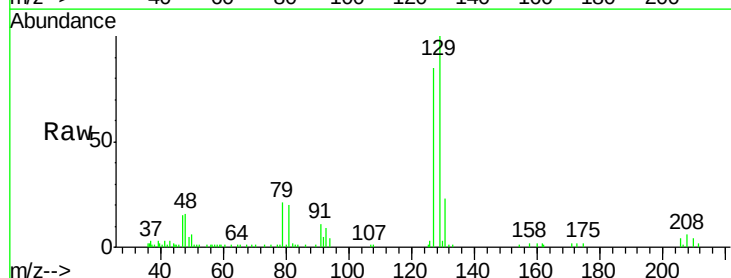
Instrument :
MSVOA_W
ClientSampleId :
VW0115SBS01

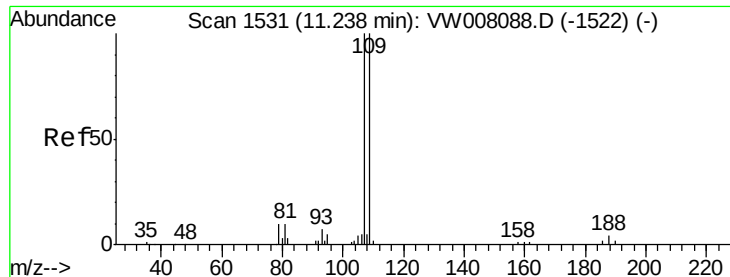
Tot Ion: 43 Resp: 41249
Ion Ratio Lower Upper
43 100
58 53.3 27.2 81.5



#60
Dibromochloromethane
Concen: 24.779 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008280.D
Acq: 15 Jan 2019 13:26

Tgt Ion: 129 Resp: 16625
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.6





#61

1,2-Dibromoethane

Concen: 23.423 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW008280.D

Acq: 15 Jan 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

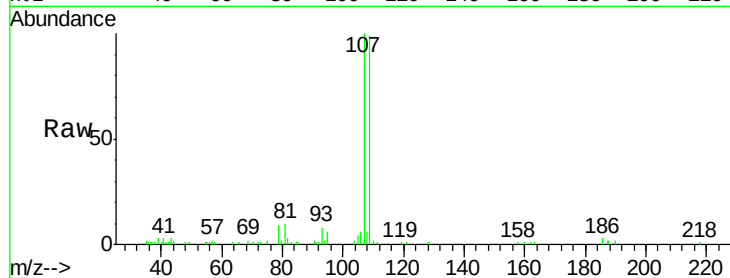
VW0115SBS01

Tot Ion:107 Resp: 13579

Ion Ratio Lower Upper

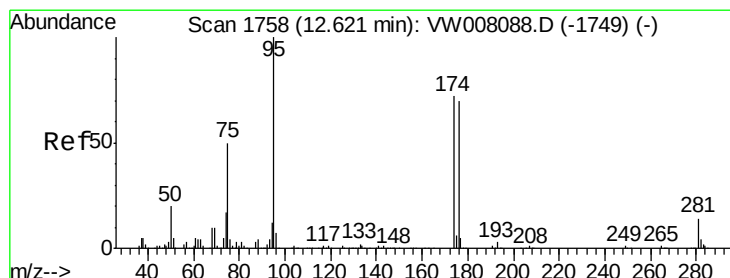
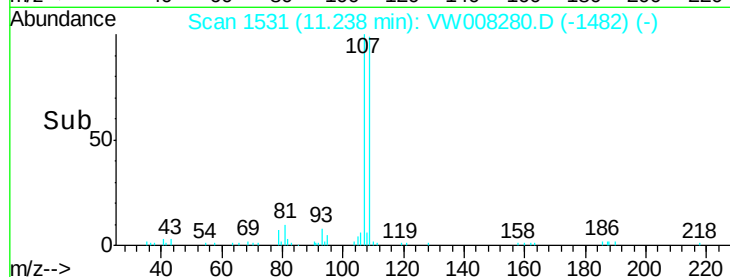
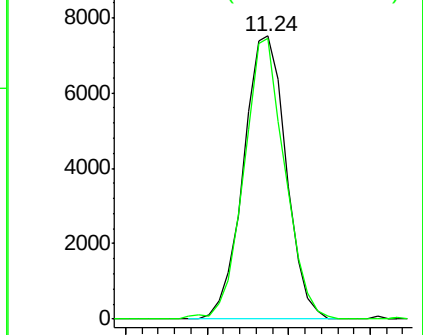
107 100

109 95.8 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.894 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008280.D

Acq: 15 Jan 2019 13:26

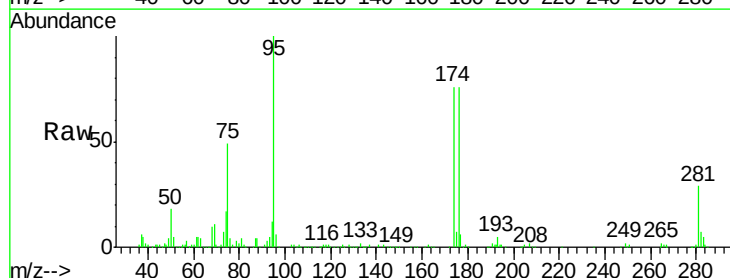
Tgt Ion: 95 Resp: 58240

Ion Ratio Lower Upper

95 100

174 76.2 0.0 143.0

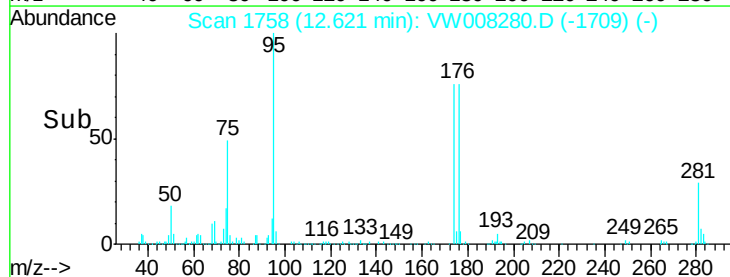
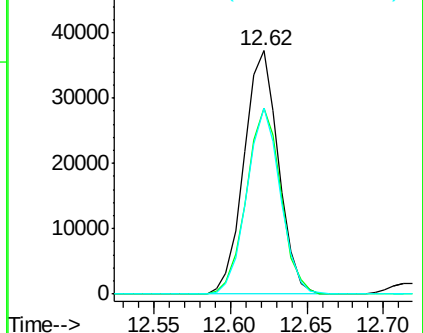
176 74.2 0.0 140.2

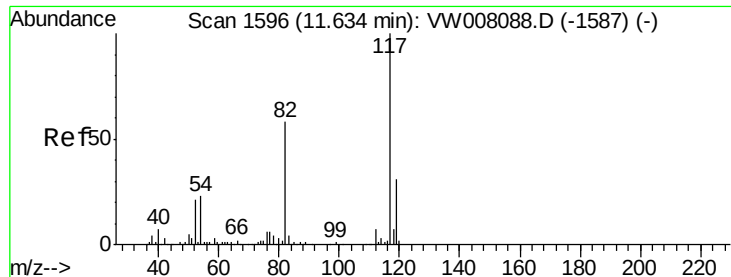


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

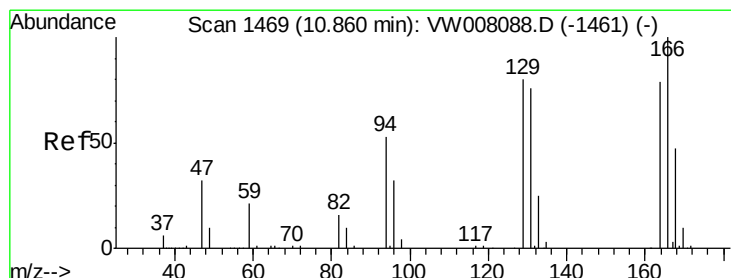
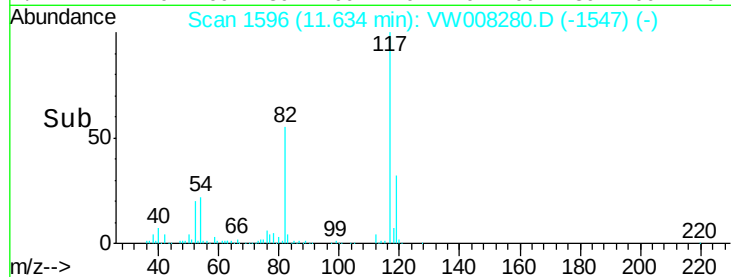
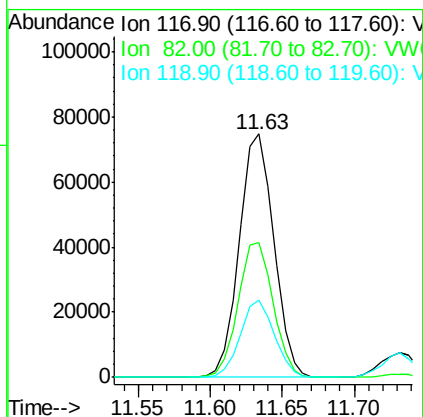
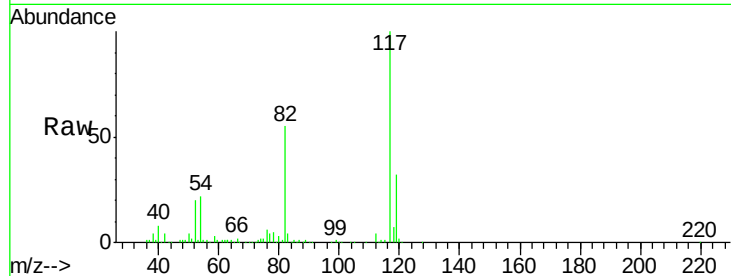




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008280.D
Acq: 15 Jan 2019 13:26

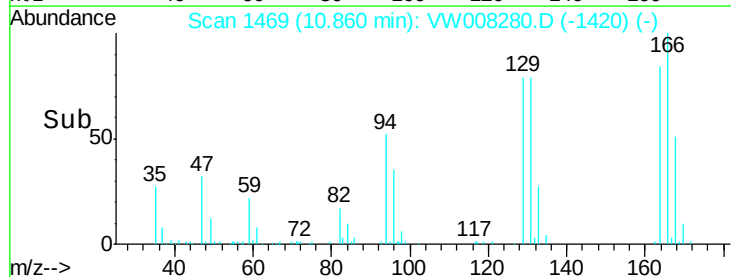
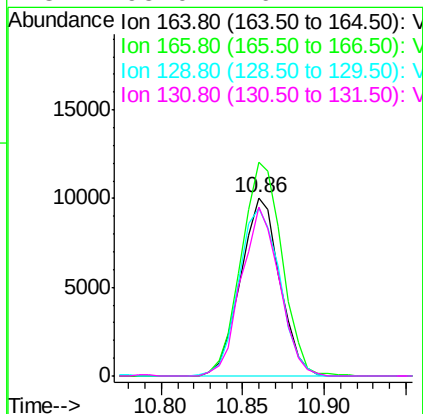
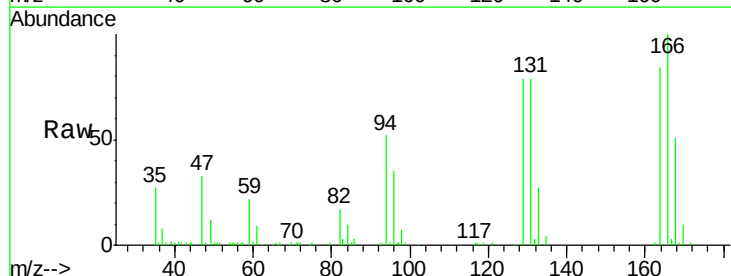
Instrument :
MSVOA_W
ClientSampleId :
VW0115SBS01

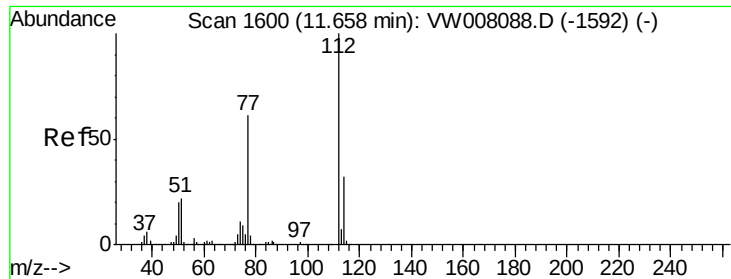
Tot Ion:117 Resp: 124905
Ion Ratio Lower Upper
117 100
82 55.1 46.4 69.6
119 31.9 24.7 37.1



#64
Tetrachloroethene
Concen: 20.794 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW008280.D
Acq: 15 Jan 2019 13:26

Tgt Ion:164 Resp: 16903
Ion Ratio Lower Upper
164 100
166 119.7 100.7 151.1
129 94.1 81.0 121.4
131 95.0 76.1 114.1





#65

Chlorobenzene

Concen: 21.190 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW008280.D

Acq: 15 Jan 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

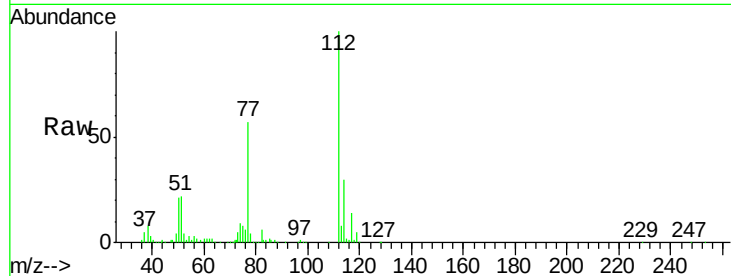
VW0115SBS01

Tot Ion:112 Resp: 56074

Ion Ratio Lower Upper

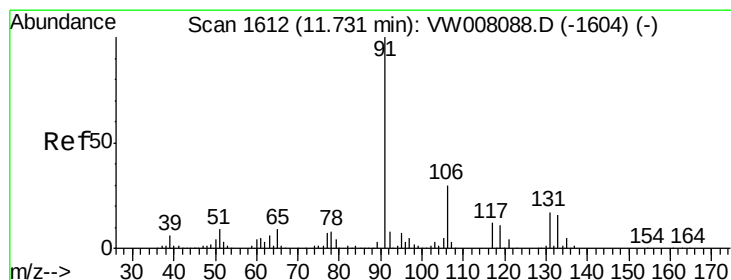
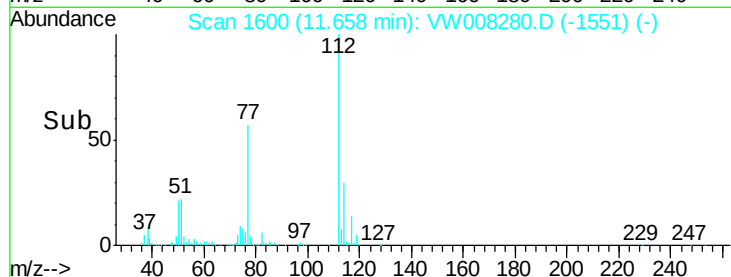
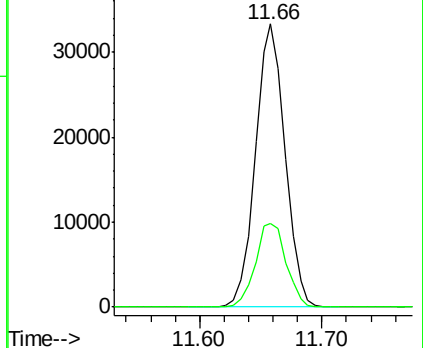
112 100

114 29.6 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 22.325 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW008280.D

Acq: 15 Jan 2019 13:26

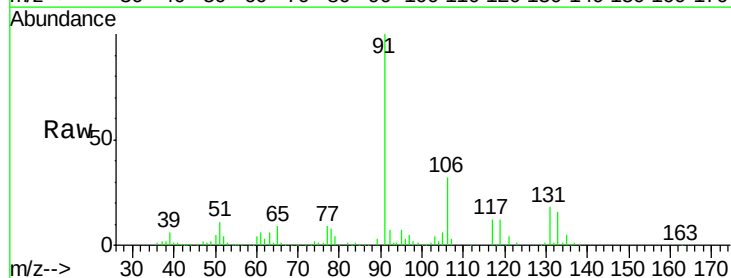
Tgt Ion:131 Resp: 19215

Ion Ratio Lower Upper

131 100

133 89.9 47.9 143.7

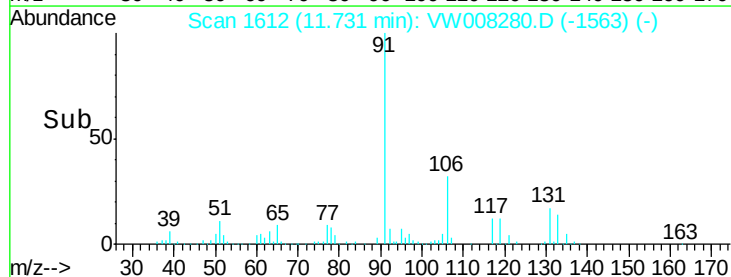
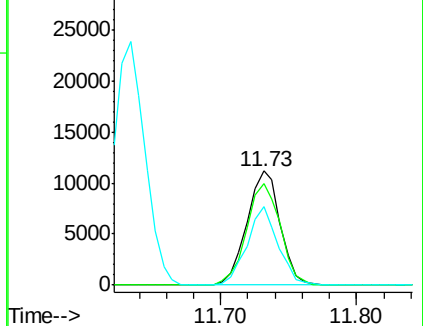
119 63.6 32.5 97.4

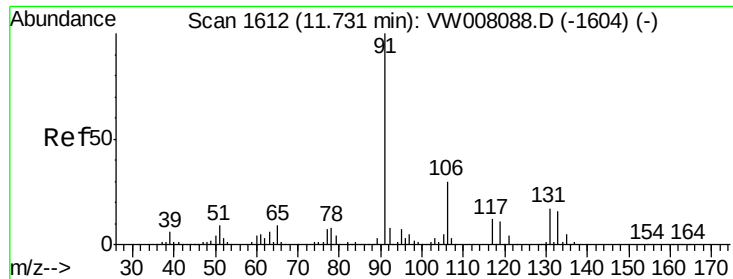


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

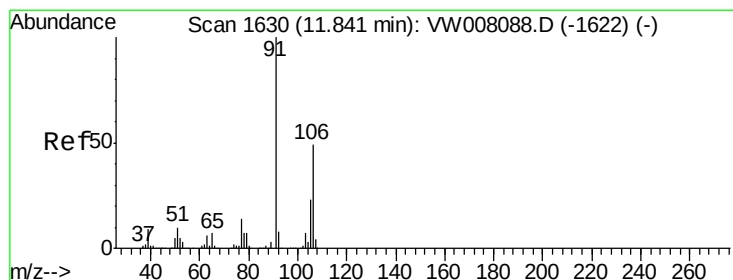
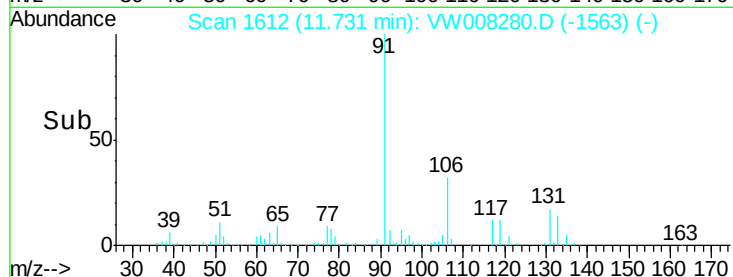
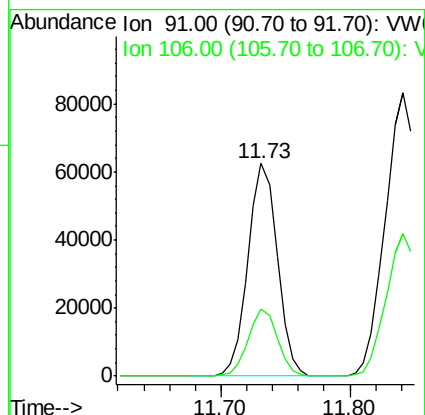
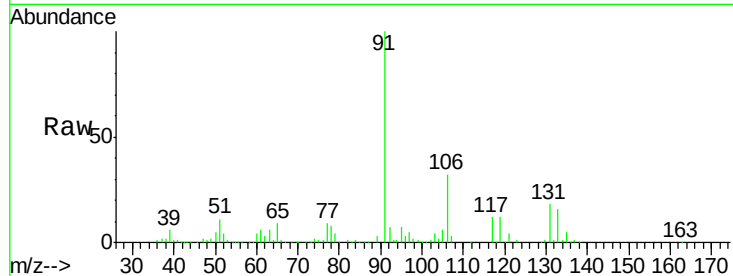




#67
Ethyl Benzene
Concen: 20.354 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008280.D
Acq: 15 Jan 2019 13:26

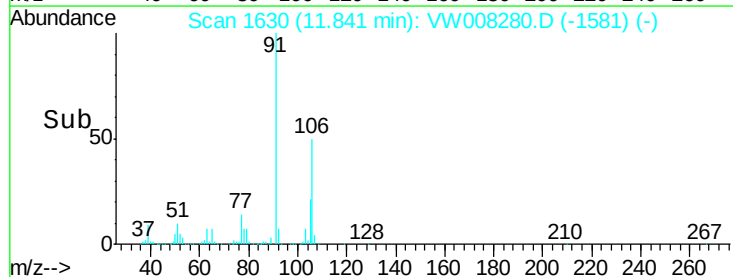
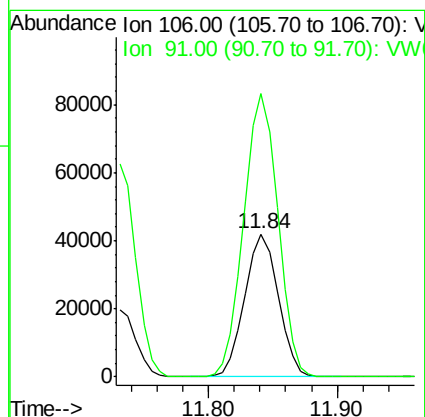
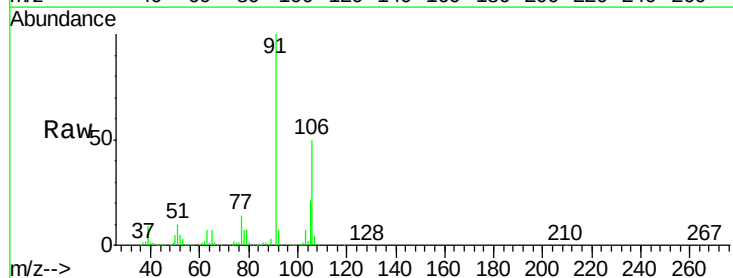
Instrument :
MSVOA_W
ClientSampleId :
VW0115SBS01

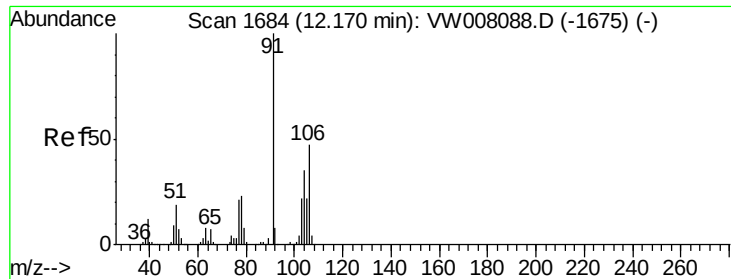
Tot Ion: 91 Resp: 98552
Ion Ratio Lower Upper
91 100
106 31.6 24.2 36.4



#68
m/p-Xylenes
Concen: 41.101 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008280.D
Acq: 15 Jan 2019 13:26

Tgt Ion:106 Resp: 75958
Ion Ratio Lower Upper
106 100
91 201.6 162.4 243.6

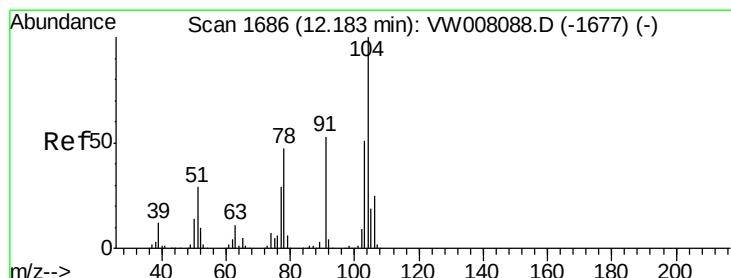
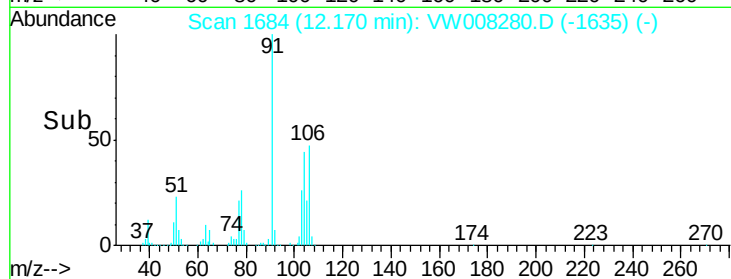
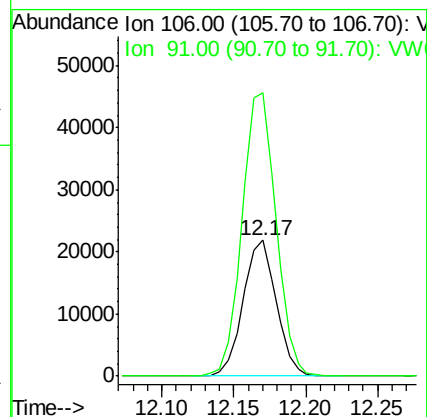
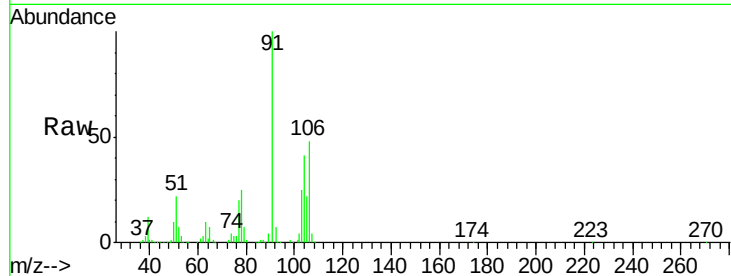




#69
o-Xylene
Concen: 20.426 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008280.D
Acq: 15 Jan 2019 13:26

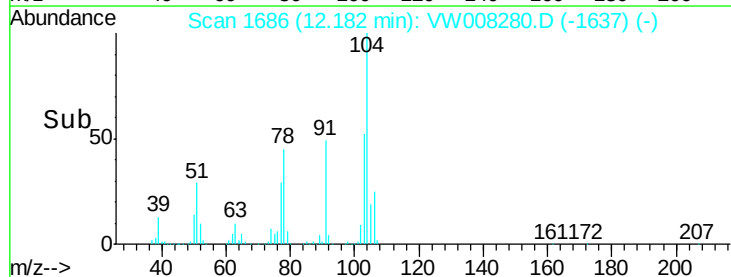
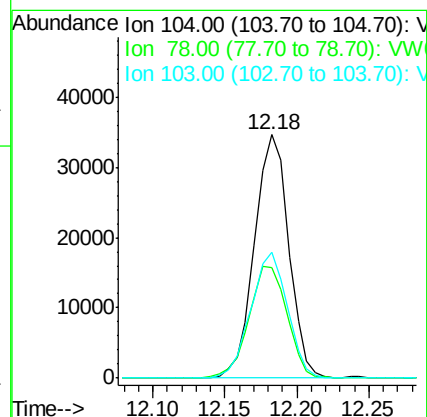
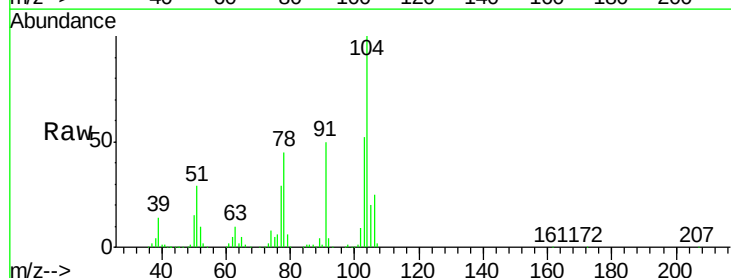
Instrument :
MSVOA_W
ClientSampled :
VW0115SBS01

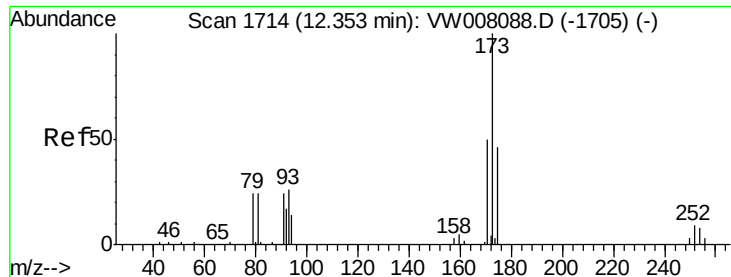
Tot Ion:106 Resp: 34957
Ion Ratio Lower Upper
106 100
91 212.9 107.8 323.6



#70
Styrene
Concen: 21.217 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008280.D
Acq: 15 Jan 2019 13:26

Tgt Ion:104 Resp: 56874
Ion Ratio Lower Upper
104 100
78 51.4 41.8 62.8
103 56.1 43.8 65.8





#71

Bromoform

Concen: 24.086 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW008280.D

Acq: 15 Jan 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

VW0115SBS01

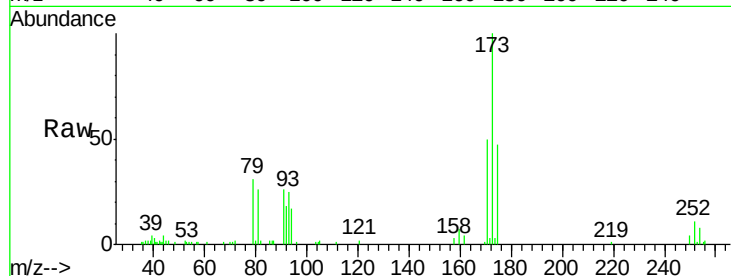
Tot Ion:173 Resp: 9278

Ion Ratio Lower Upper

173 100

175 48.0 23.3 69.8

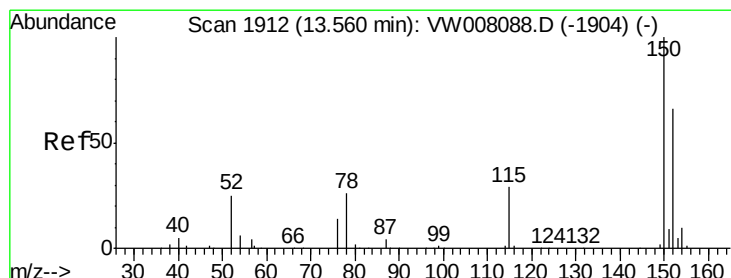
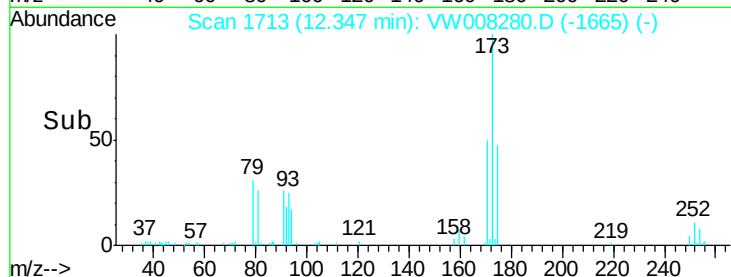
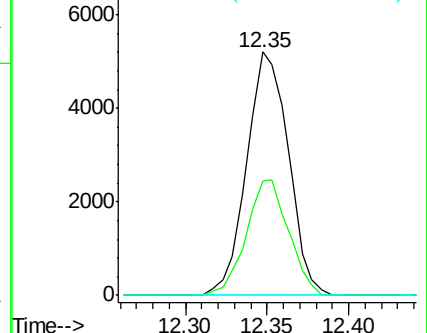
254 0.0 0.0 0.0



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: VW008280.D

Acq: 15 Jan 2019 13:26

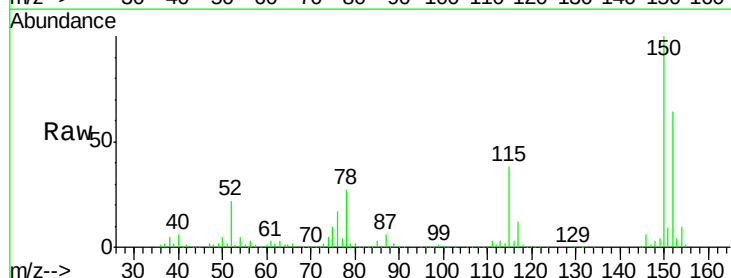
Tgt Ion:152 Resp: 64452

Ion Ratio Lower Upper

152 100

115 58.0 30.8 92.4

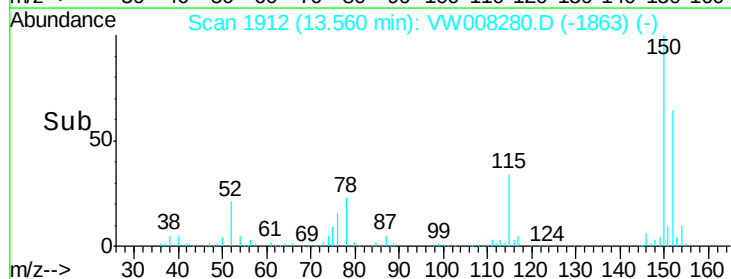
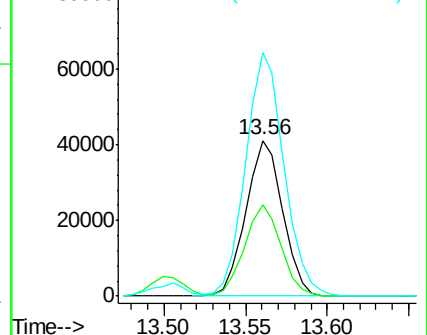
150 163.6 0.0 350.2

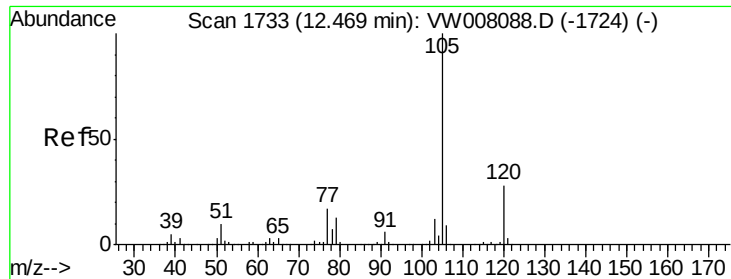


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.469 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW008280.D

Acq: 15 Jan 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

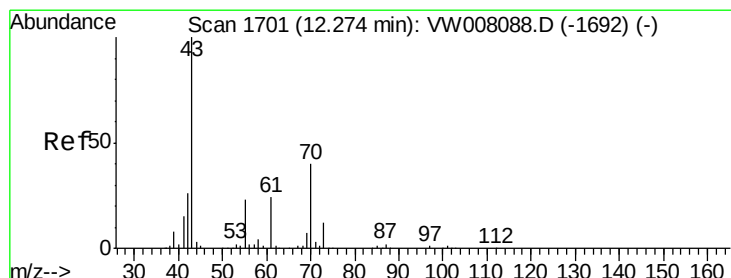
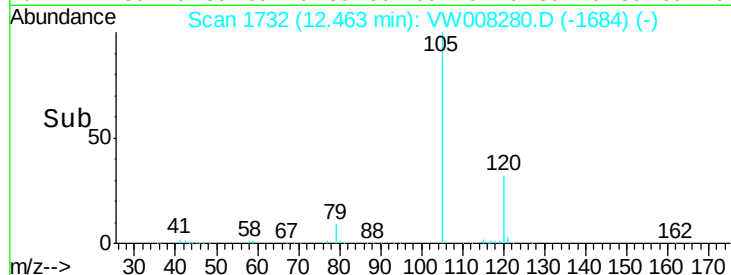
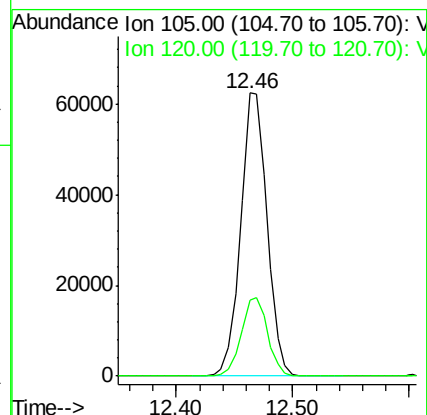
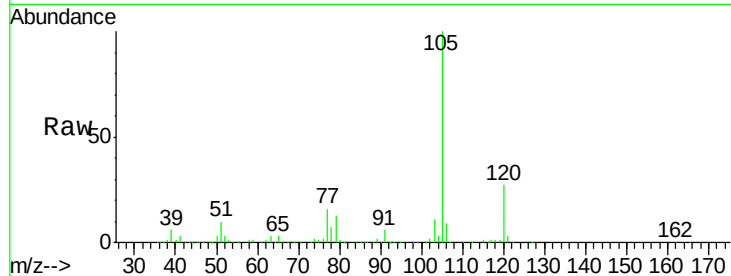
VW0115SBS01

Tot Ion:105 Resp: 98515

Ion Ratio Lower Upper

105 100

120 27.7 13.6 40.8



#74

N-ethyl acetate

Concen: 18.997 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008280.D

Acq: 15 Jan 2019 13:26

Tgt Ion: 43 Resp: 21288

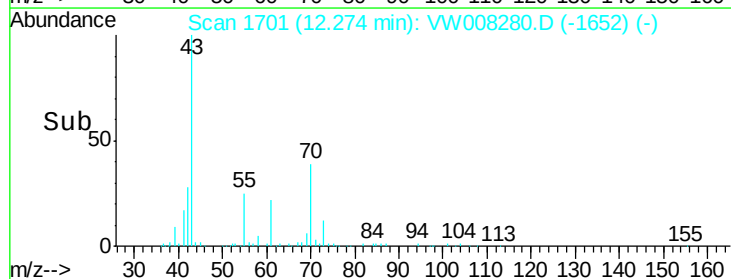
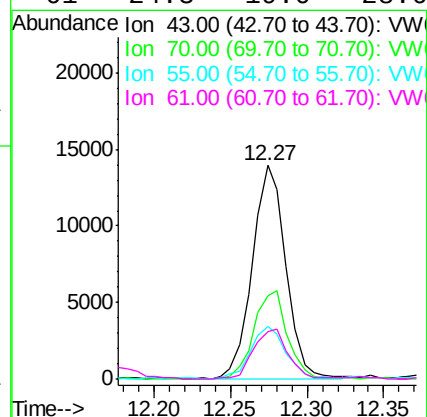
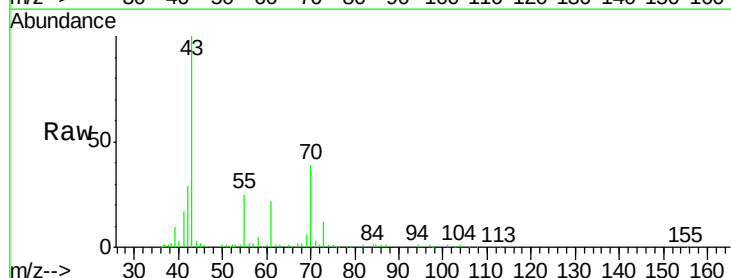
Ion Ratio Lower Upper

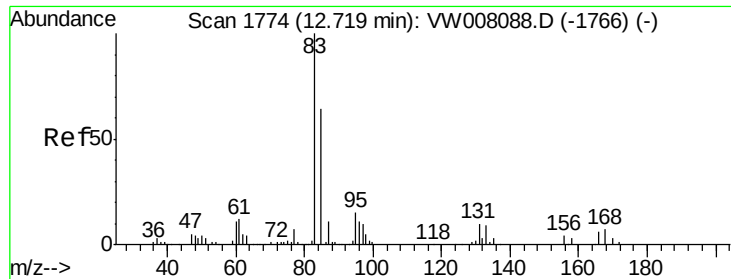
43 100

70 41.6 32.4 48.6

55 26.0 18.7 28.1

61 24.3 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.334 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW008280.D

Acq: 15 Jan 2019 13:26

Instrument :

MSVOA_W

ClientSampled :

VW0115SBS01

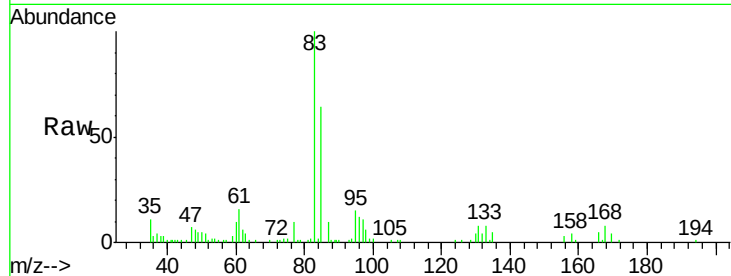
Tot Ion: 83 Resp: 17279

Ion Ratio Lower Upper

83 100

131 11.1 5.3 16.1

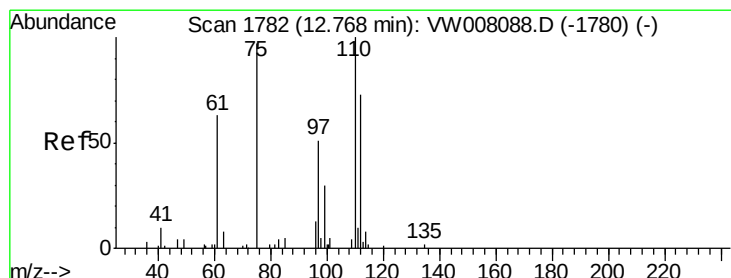
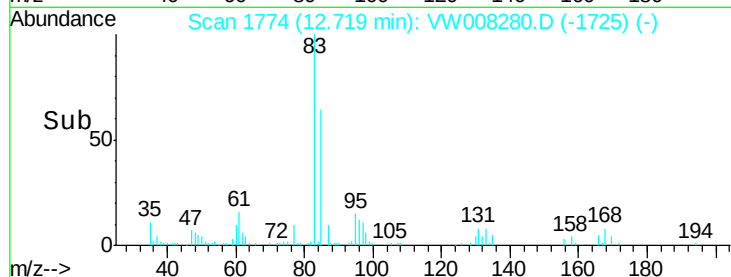
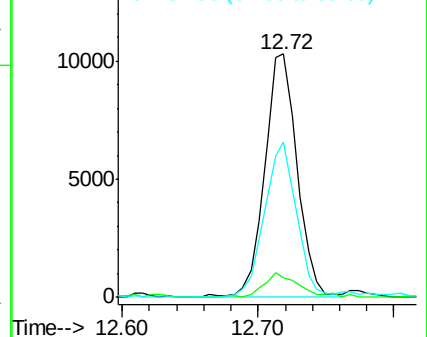
85 62.8 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 21.688 ug/l m

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW008280.D

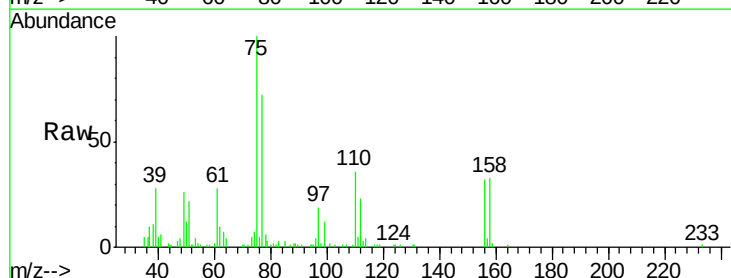
Acq: 15 Jan 2019 13:26

Tgt Ion: 75 Resp: 12743

Ion Ratio Lower Upper

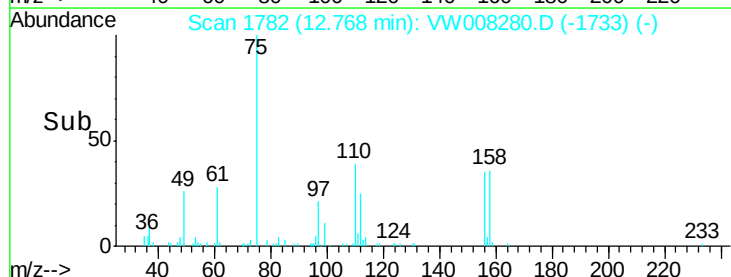
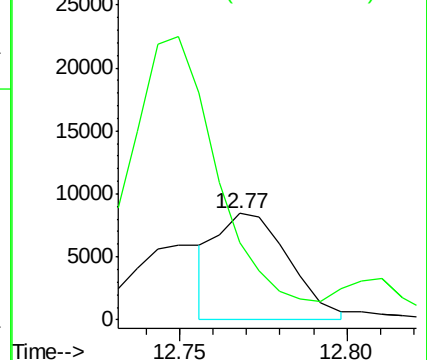
75 100

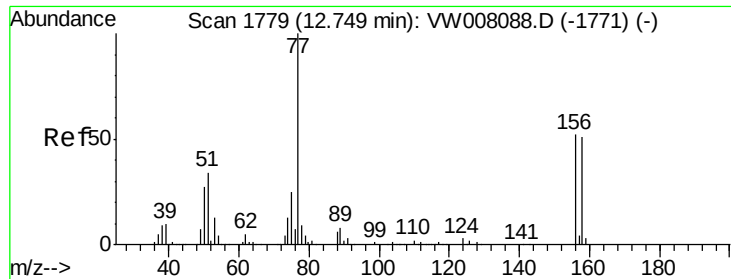
77 334.4 179.4 538.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.660 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008280.D

Acq: 15 Jan 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

VW0115SBS01

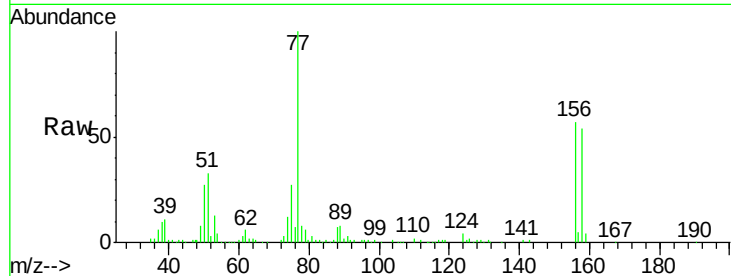
Tot Ion:156 Resp: 21020

Ion Ratio Lower Upper

156 100

77 202.7 104.2 312.5

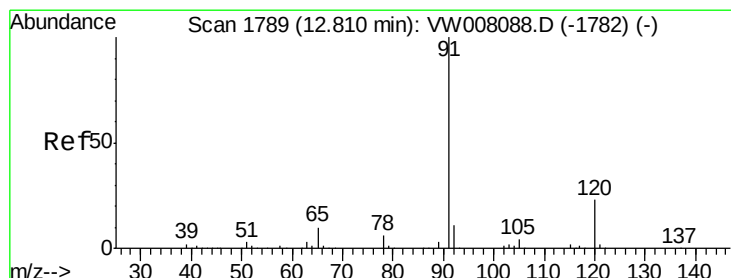
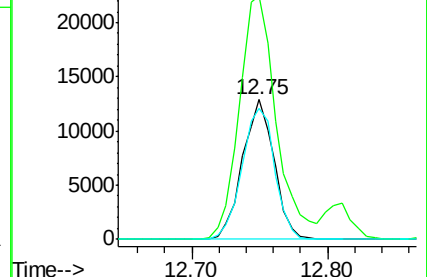
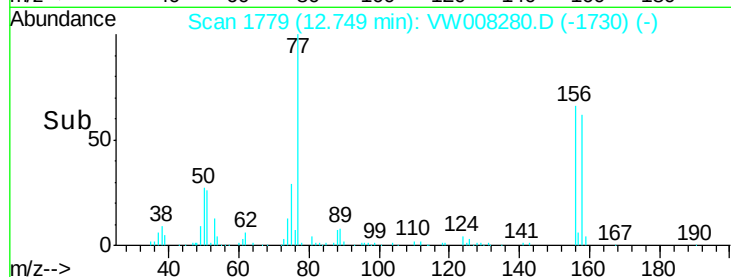
158 97.2 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.934 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008280.D

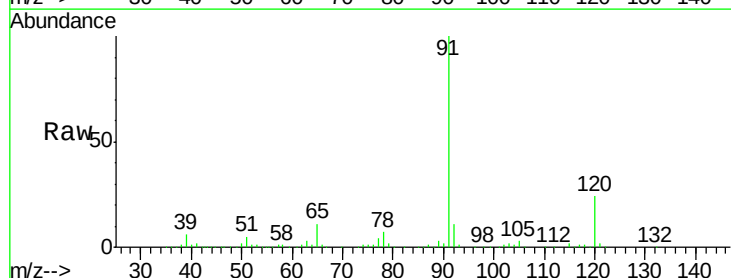
Acq: 15 Jan 2019 13:26

Tgt Ion: 91 Resp: 123594

Ion Ratio Lower Upper

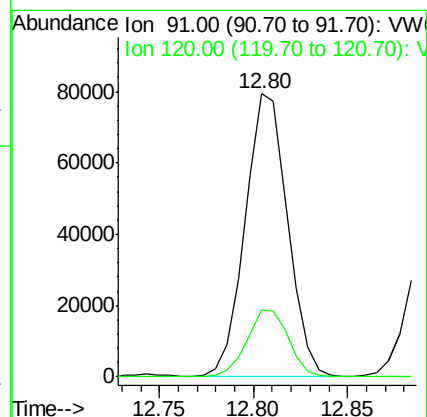
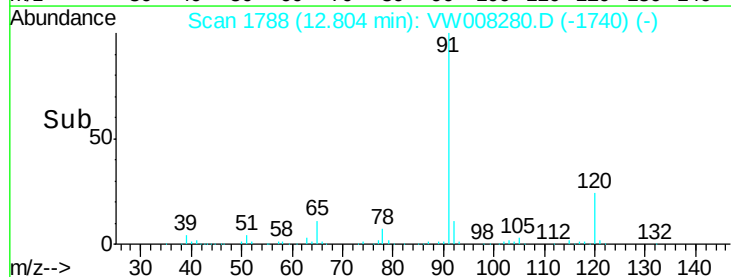
91 100

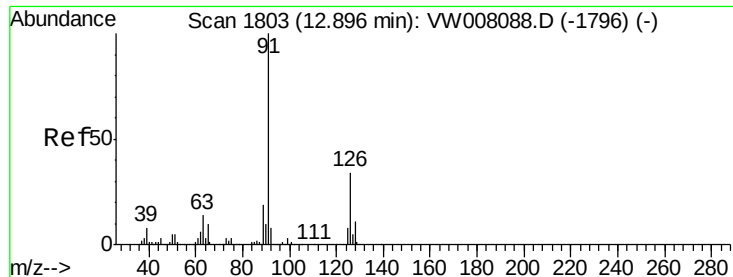
120 23.4 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

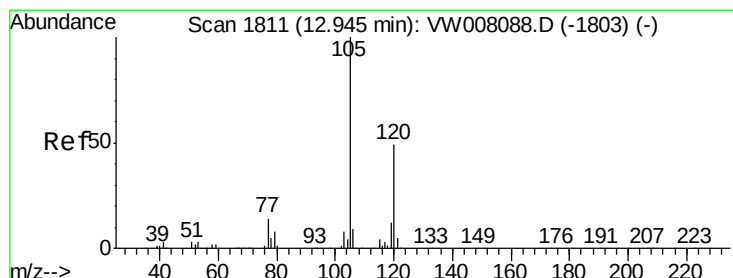
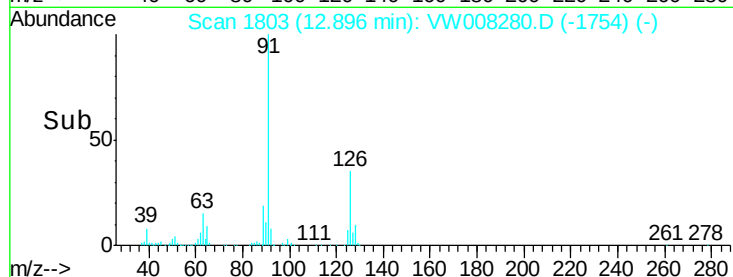
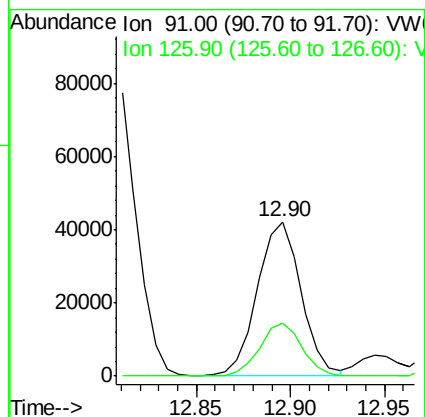
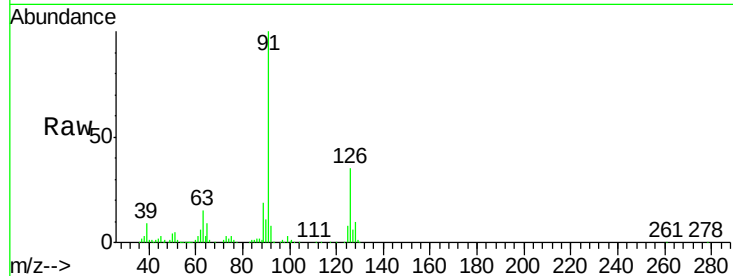




#79
2-Chlorotoluene
Concen: 19.621 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW008280.D
Acq: 15 Jan 2019 13:26

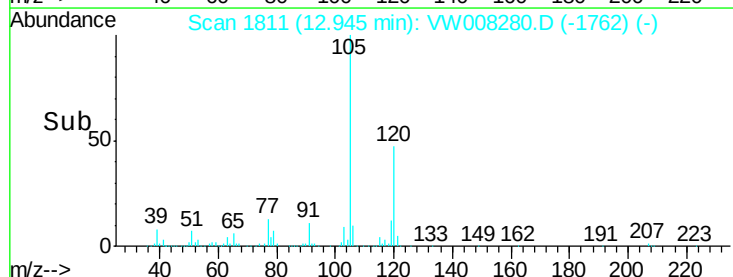
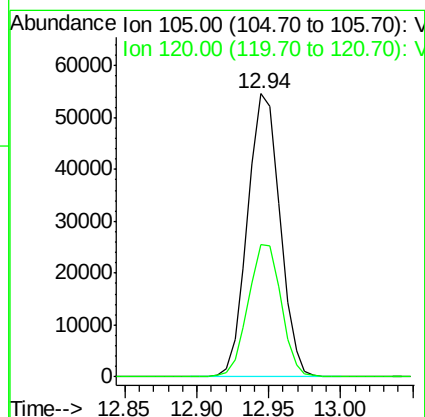
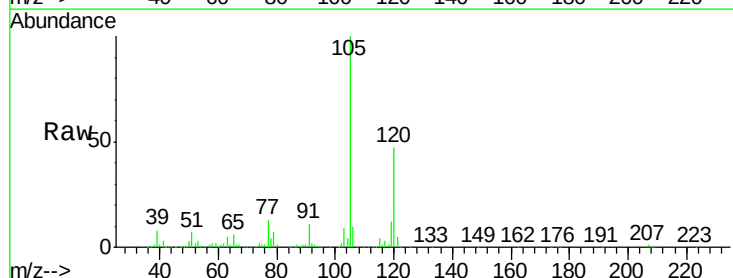
Instrument :
MSVOA_W
ClientSampleId :
VW0115SBS01

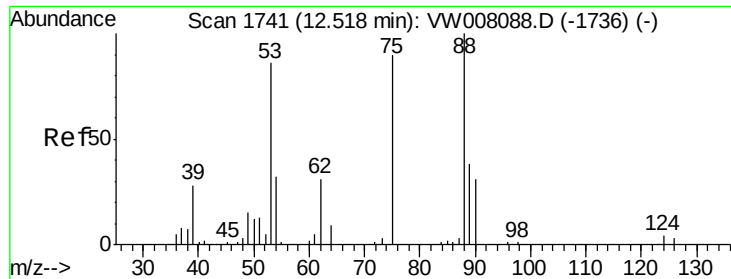
Tot Ion: 91 Resp: 67869
Ion Ratio Lower Upper
91 100
126 33.5 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 20.483 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW008280.D
Acq: 15 Jan 2019 13:26

Tgt Ion:105 Resp: 85171
Ion Ratio Lower Upper
105 100
120 47.7 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 20.911 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW008280.D

Acq: 15 Jan 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

VW0115SBS01

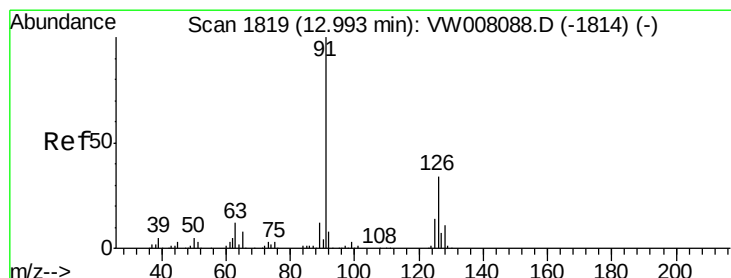
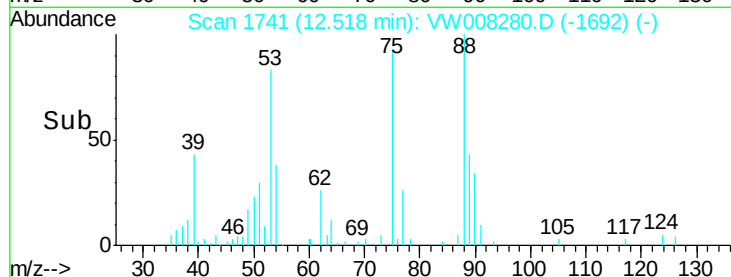
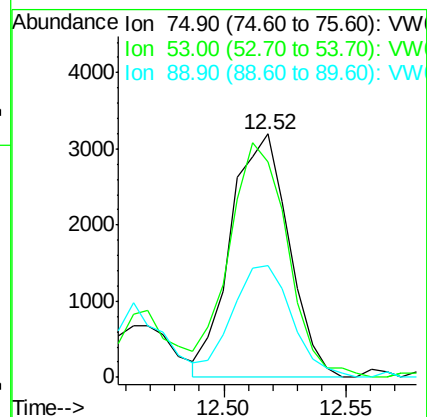
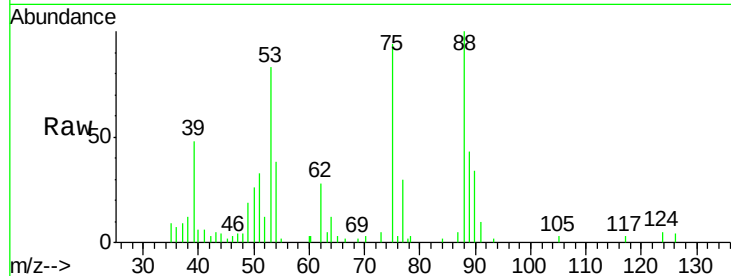
Tot Ion: 75 Resp: 5276

Ion Ratio Lower Upper

75 100

53 96.9 78.8 118.2

89 47.9 35.4 53.2



#82

4-Chlorotoluene

Concen: 19.567 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW008280.D

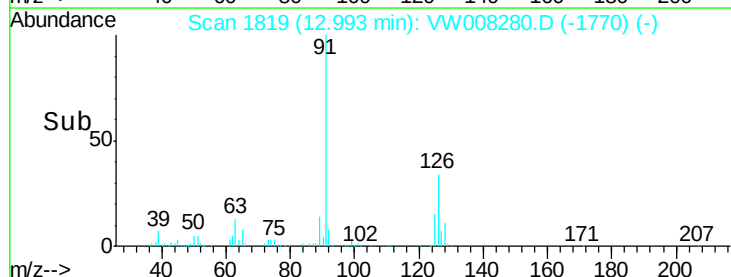
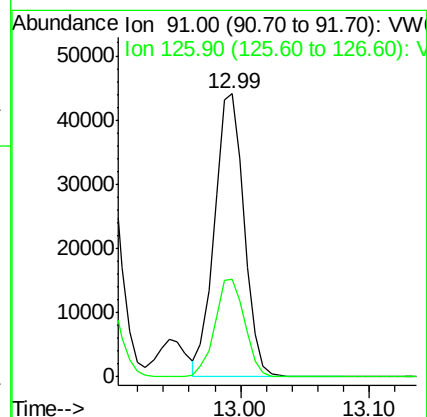
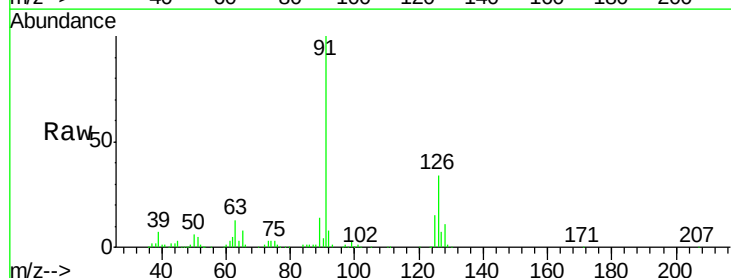
Acq: 15 Jan 2019 13:26

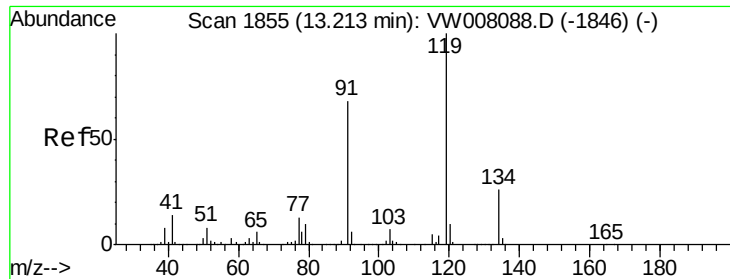
Tgt Ion: 91 Resp: 71285

Ion Ratio Lower Upper

91 100

126 34.9 16.5 49.5

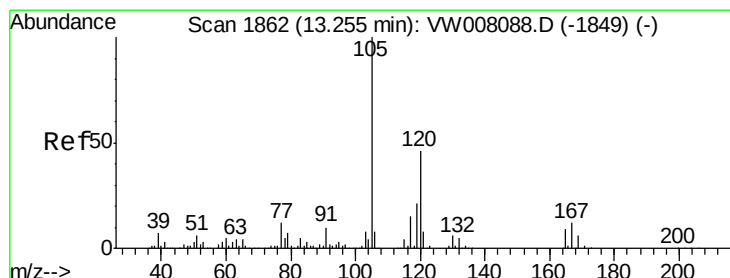
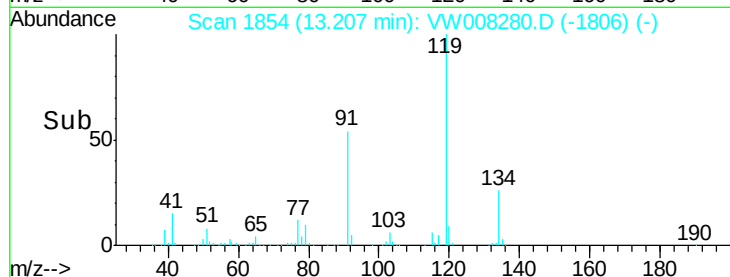
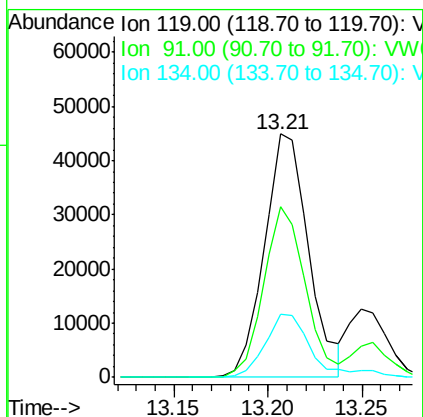
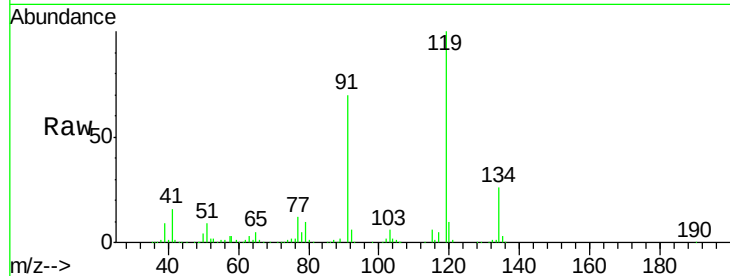




#83
tert-Butylbenzene
Concen: 19.945 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW008280.D
Acq: 15 Jan 2019 13:26

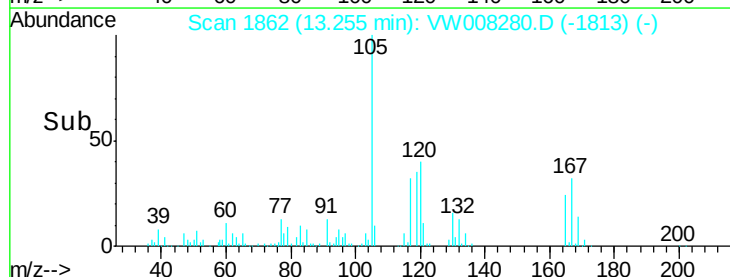
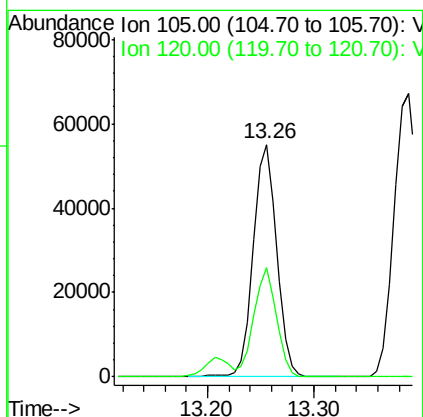
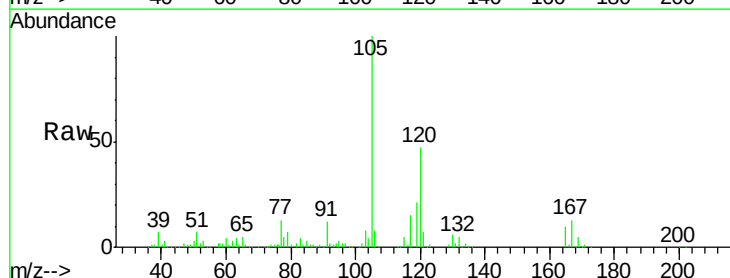
Instrument :
MSVOA_W
ClientSampleId :
VW0115SBS01

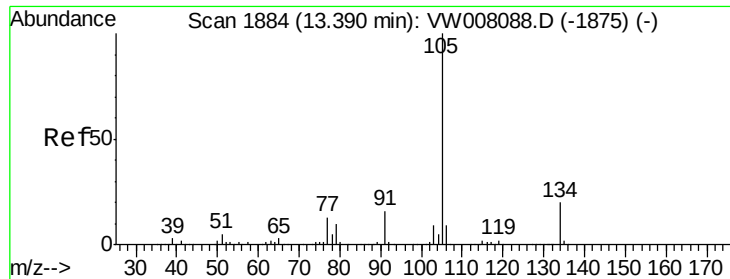
Tot Ion:119 Resp: 73372
Ion Ratio Lower Upper
119 100
91 65.9 33.9 101.6
134 27.6 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 19.952 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW008280.D
Acq: 15 Jan 2019 13:26

Tgt Ion:105 Resp: 85569
Ion Ratio Lower Upper
105 100
120 45.2 22.7 68.1

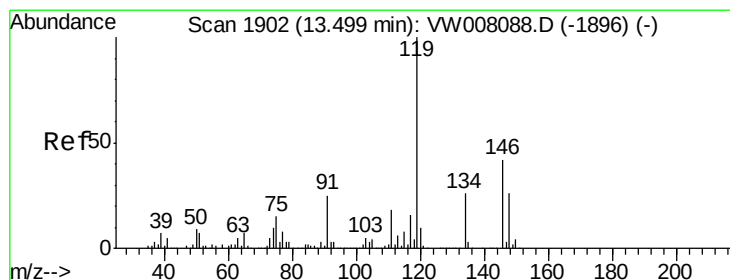
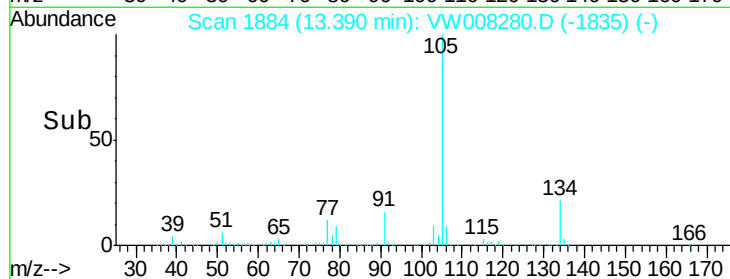
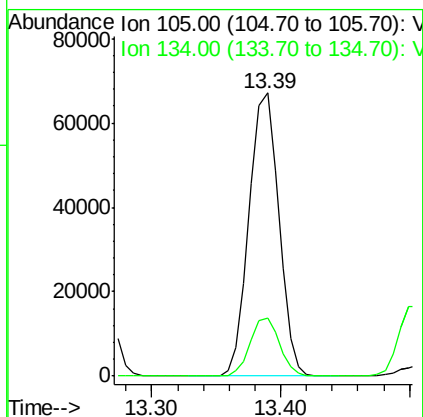
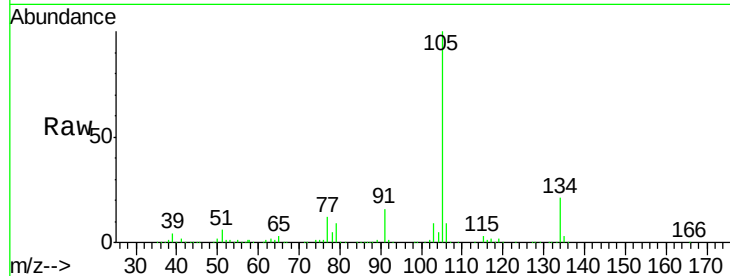




#85
 sec-Butylbenzene
 Concen: 19.924 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW008280.D
 Acq: 15 Jan 2019 13:26

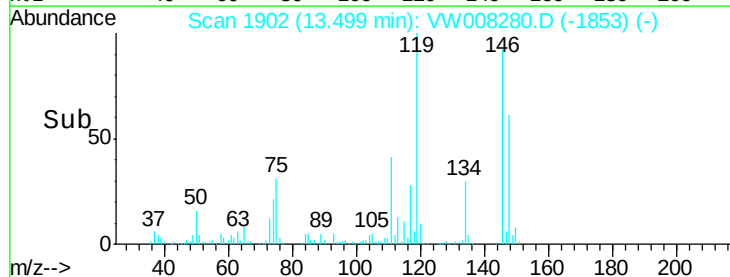
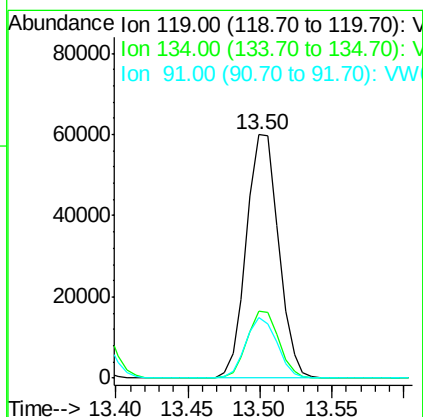
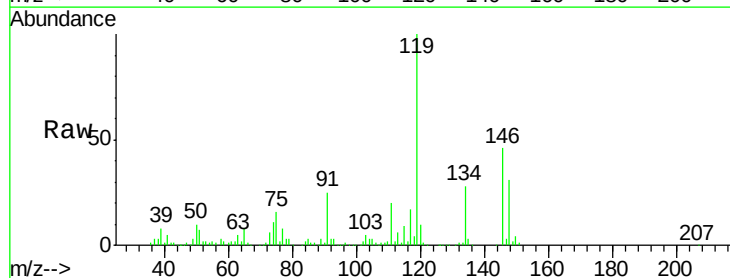
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0115SBS01

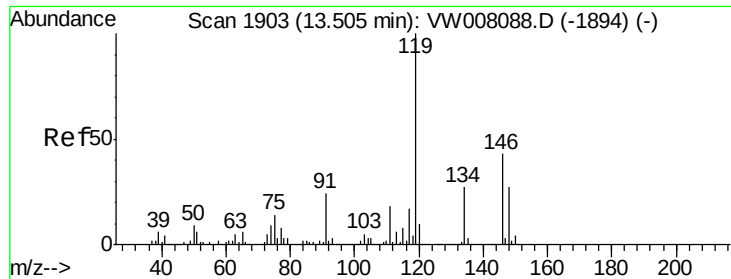
Tot Ion:105 Resp: 107366
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 19.930 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW008280.D
 Acq: 15 Jan 2019 13:26

Tgt Ion:119 Resp: 92744
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.3 39.8
 91 24.0 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 20.856 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW008280.D

Acq: 15 Jan 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

VW0115SBS01

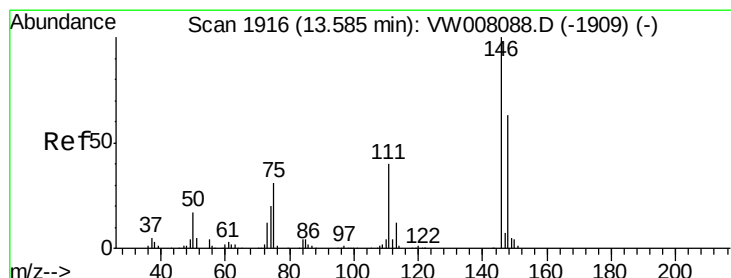
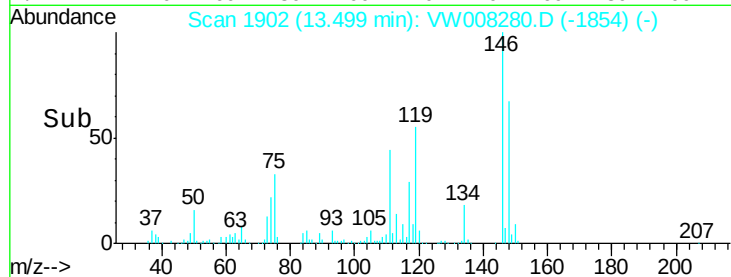
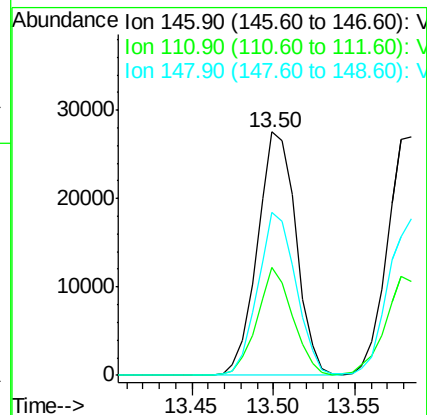
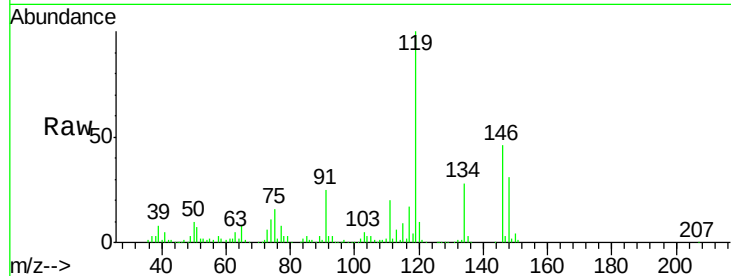
Tot Ion:146 Resp: 45233

Ion Ratio Lower Upper

146 100

111 41.0 21.1 63.1

148 66.4 31.3 93.9



#88

1,4-Dichlorobenzene

Concen: 20.539 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VW008280.D

Acq: 15 Jan 2019 13:26

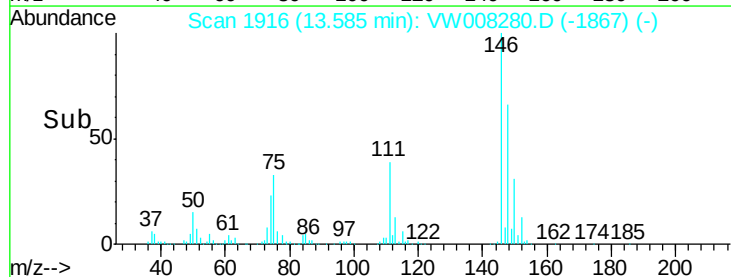
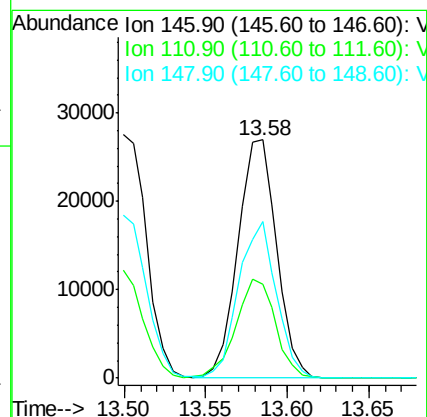
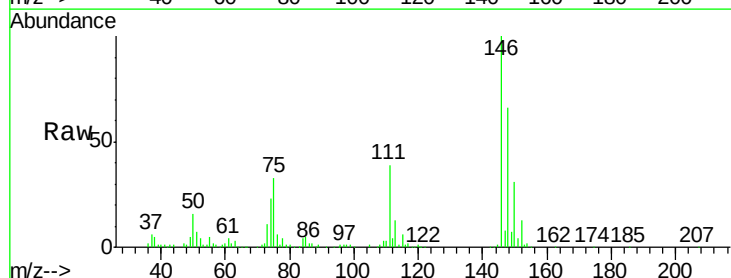
Tgt Ion:146 Resp: 44694

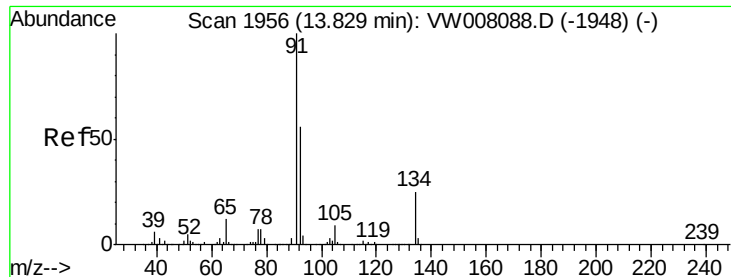
Ion Ratio Lower Upper

146 100

111 42.5 20.5 61.5

148 64.2 31.6 94.8





#89

n-Butylbenzene

Concen: 20.227 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008280.D

Acq: 15 Jan 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

VW0115SBS01

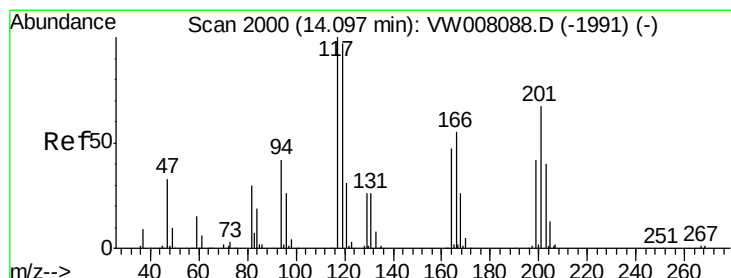
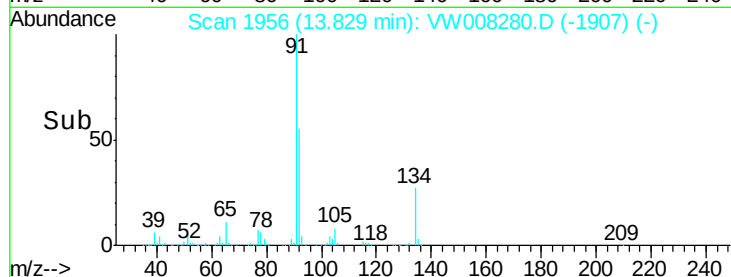
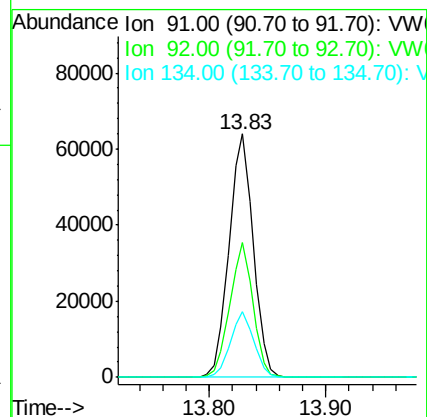
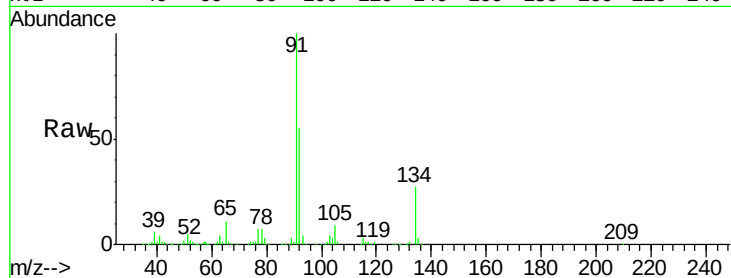
Tot Ion: 91 Resp: 92184

Ion Ratio Lower Upper

91 100

92 52.9 27.4 82.2

134 26.1 12.6 37.8



#90

Hexachloroethane

Concen: 21.651 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW008280.D

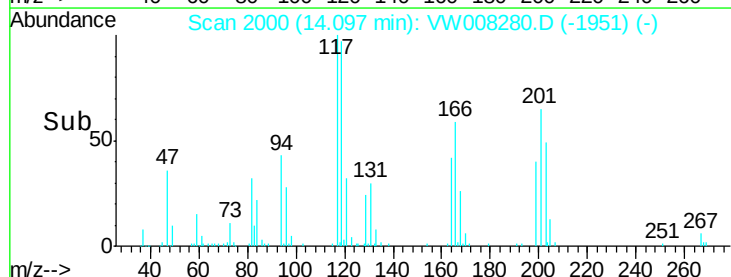
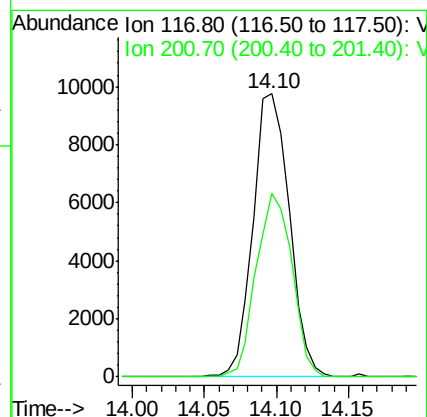
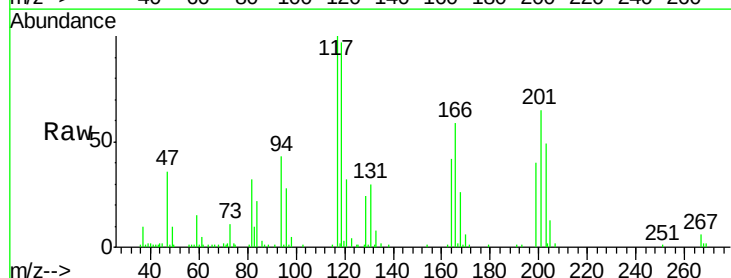
Acq: 15 Jan 2019 13:26

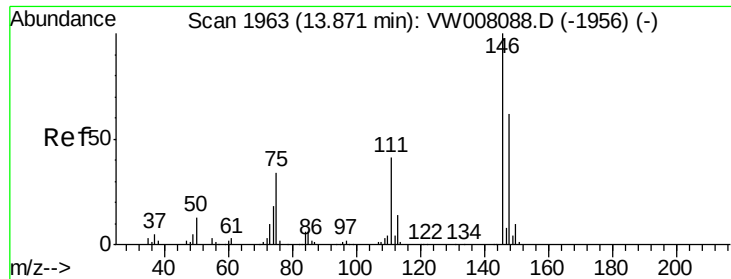
Tgt Ion: 117 Resp: 17017

Ion Ratio Lower Upper

117 100

201 63.9 33.0 98.9

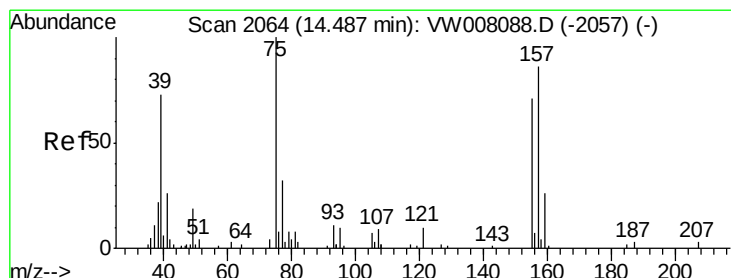
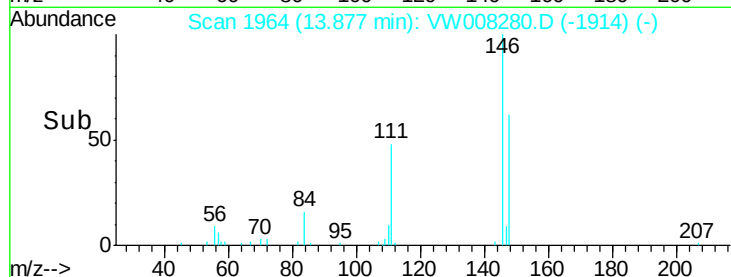
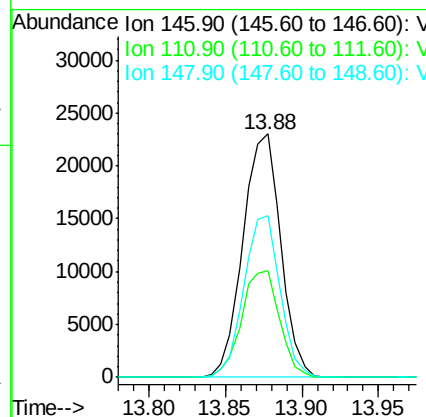
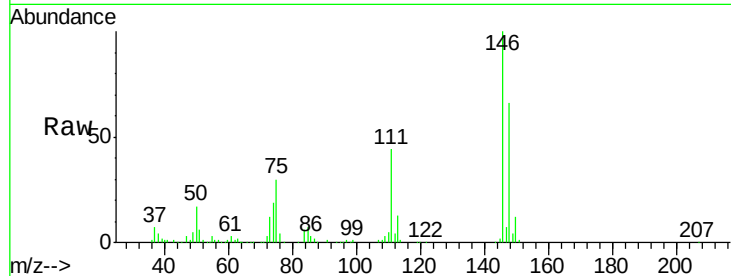




#91
 1,2-Dichlorobenzene
 Concen: 20.716 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.01 min
 Lab File: VW008280.D
 Acq: 15 Jan 2019 13:26

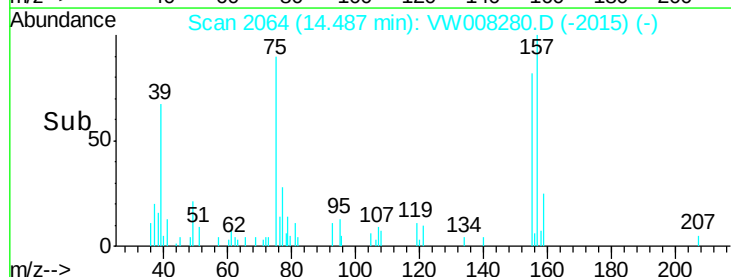
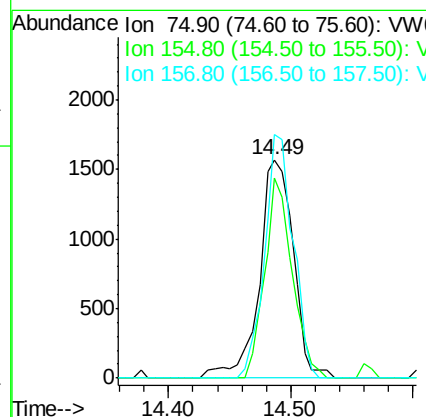
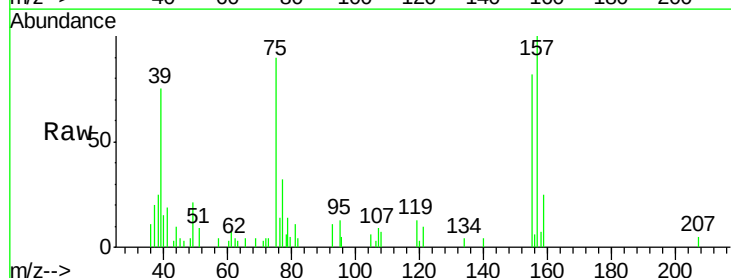
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0115SBS01

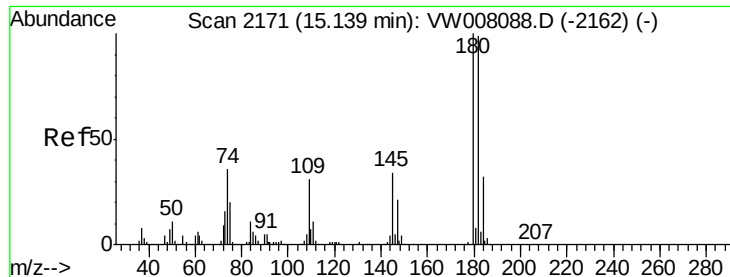
Tot Ion:146 Resp: 39487
 Ion Ratio Lower Upper
 146 100
 111 43.9 21.3 63.7
 148 63.5 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.300 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW008280.D
 Acq: 15 Jan 2019 13:26

Tgt Ion: 75 Resp: 3037
 Ion Ratio Lower Upper
 75 100
 155 74.5 38.6 115.7
 157 93.7 47.5 142.6

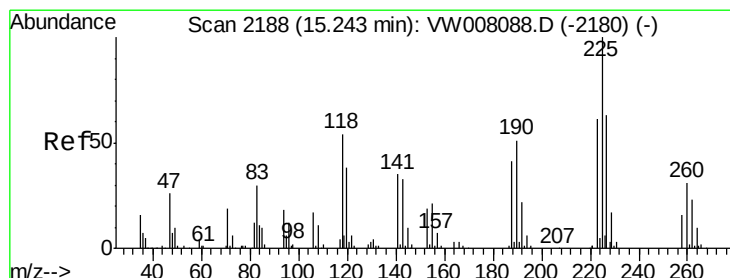
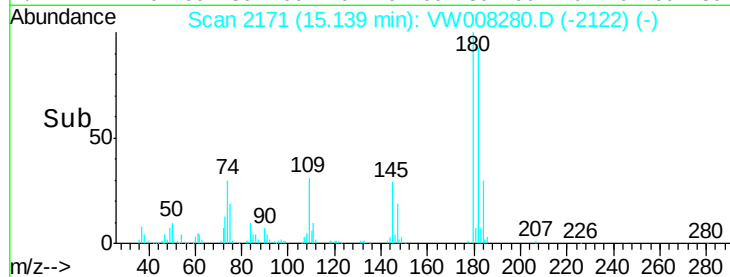
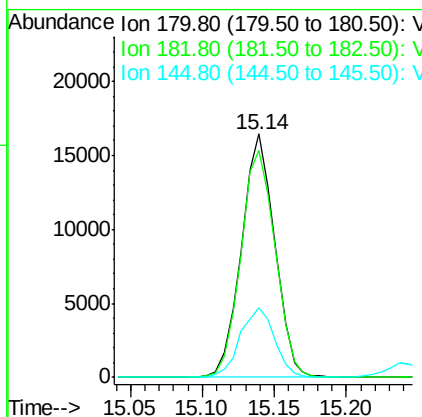
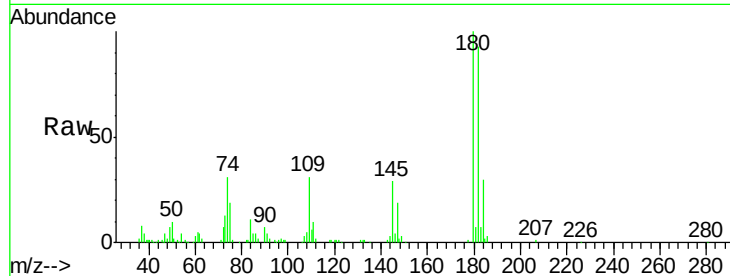




#93
 1,2,4-Trichlorobenzene
 Concen: 20.755 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008280.D
 Acq: 15 Jan 2019 13:26

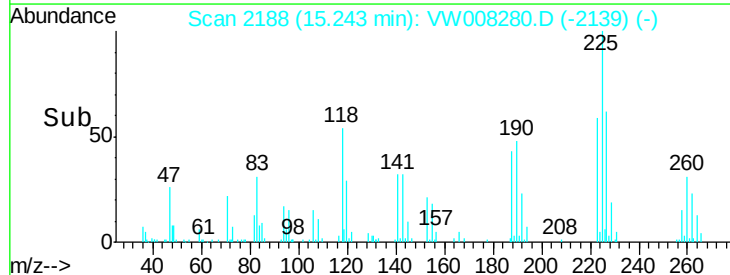
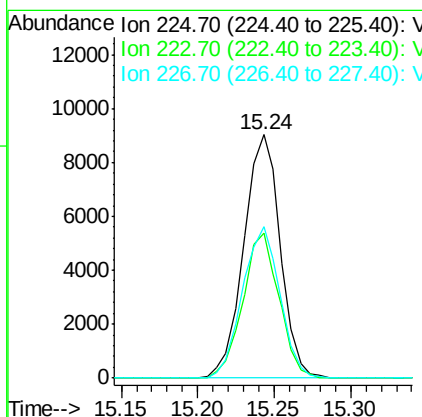
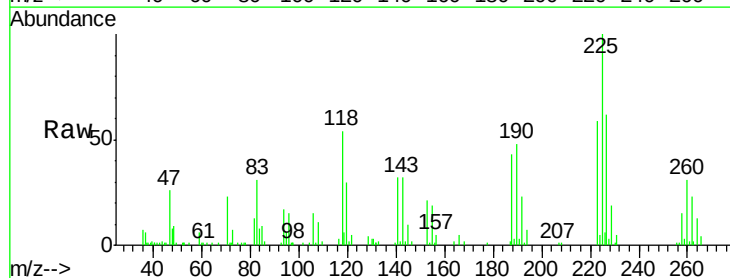
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0115SBS01

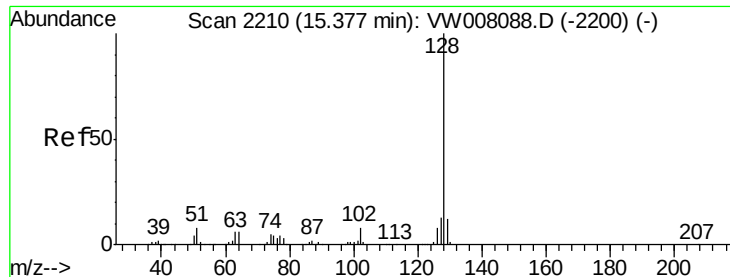
Tot Ion:180 Resp: 26266
 Ion Ratio Lower Upper
 180 100
 182 96.5 48.6 145.9
 145 29.7 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 22.076 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008280.D
 Acq: 15 Jan 2019 13:26

Tgt Ion:225 Resp: 14953
 Ion Ratio Lower Upper
 225 100
 223 58.9 31.4 94.3
 227 63.7 32.0 96.2

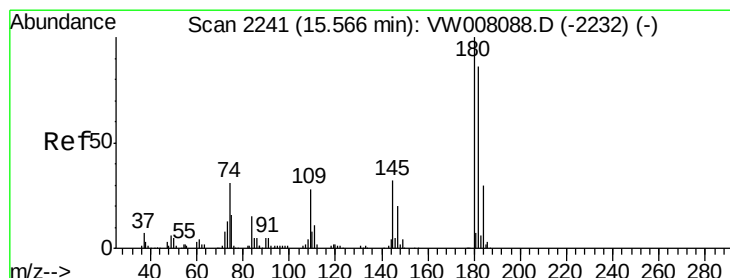
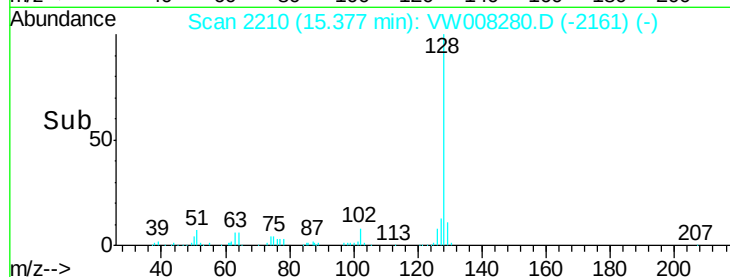
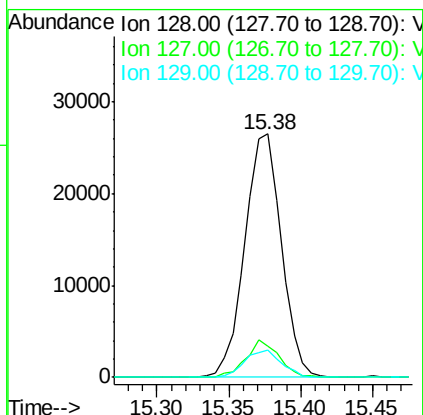
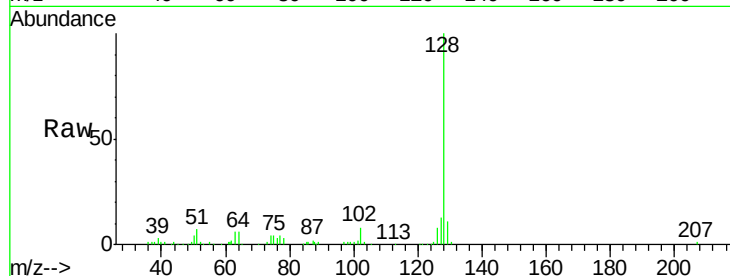




#95
Naphthalene
Concen: 19.737 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW008280.D
Acq: 15 Jan 2019 13:26

Instrument :
MSVOA_W
ClientSampleId :
VW0115SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.9	11.0	16.4
129	11.4	9.0	13.6



#96
1,2,3-Trichlorobenzene
Concen: 20.589 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW008280.D
Acq: 15 Jan 2019 13:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	46.5	139.3
145	34.0	17.4	52.2

