

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091119\
 Data File : VW012908.D
 Acq On : 11 Sep 2019 11:14
 Operator : SY/VA
 Sample : VW0911SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBS01

Quant Time: Sep 11 11:45:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	208482	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	305530	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	261692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	133376	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	104719	44.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.90%	
35) Dibromofluoromethane	7.88	113	89120	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
50) Toluene-d8	10.32	98	355516	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
62) 4-Bromofluorobenzene	12.62	95	124918	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	25452	22.519	ug/l	93
3) Chloromethane	2.21	50	30983	22.557	ug/l	98
4) Vinyl Chloride	2.35	62	40538	24.070	ug/l	99
5) Bromomethane	2.72	94	21281	23.270	ug/l	97
6) Chloroethane	2.89	64	23329	23.213	ug/l	97
7) Trichlorofluoromethane	3.24	101	24844	21.377	ug/l	95
8) Diethyl Ether	3.67	74	19456	19.918	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.06	101	38444	21.079	ug/l	97
10) Methyl Iodide	4.26	142	50366	21.937	ug/l	97
11) Tert butyl alcohol	5.16	59	19843	111.336	ug/l	98
12) 1,1-Dichloroethene	4.03	96	36061	20.945	ug/l	91
13) Acrolein	3.89	56	11914	62.993	ug/l	99
14) Allyl chloride	4.65	41	66194	18.586	ug/l	97
15) Acrylonitrile	5.35	53	47037	82.445	ug/l	98
16) Acetone	4.11	43	50723	79.872	ug/l	100
17) Carbon Disulfide	4.37	76	74185	20.299	ug/l	96
18) Methyl Acetate	4.67	43	23418	15.718	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	63517	18.602	ug/l	98
20) Methylene Chloride	4.91	84	41771	21.025	ug/l	90
21) trans-1,2-Dichloroethene	5.42	96	38048	21.658	ug/l	87
22) Diisopropyl ether	6.31	45	136155	19.275	ug/l	98
23) Vinyl Acetate	6.24	43	389803	87.074	ug/l	99
24) 1,1-Dichloroethane	6.21	63	75892	19.953	ug/l	98
25) 2-Butanone	7.17	43	67764	86.446	ug/l	98
26) 2,2-Dichloropropane	7.16	77	50214	20.903	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	44583	21.887	ug/l	97
28) Bromochloromethane	7.51	49	29590	16.943	ug/l #	89
29) Tetrahydrofuran	7.52	42	38521	75.115	ug/l	93
30) Chloroform	7.67	83	76879	20.395	ug/l	100
31) Cyclohexane	7.95	56	68520	20.011	ug/l #	88
32) 1,1,1-Trichloroethane	7.87	97	64019	20.952	ug/l	99
36) 1,1-Dichloropropene	8.08	75	59103	21.771	ug/l	98
37) Ethyl Acetate	7.24	43	27389	15.827	ug/l	97
38) Carbon Tetrachloride	8.07	117	58713	21.940	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	65199	21.384	ug/l	98
40) Benzene	8.32	78	159606	21.190	ug/l	96
41) Methacrylonitrile	7.48	41	18668	18.489	ug/l	98
42) 1,2-Dichloroethane	8.40	62	53330	20.118	ug/l	100
43) Isopropyl Acetate	8.42	43	54275	16.554	ug/l	96
44) Trichloroethene	9.09	130	43315	22.310	ug/l	91
45) 1,2-Dichloropropane	9.37	63	41976	20.094	ug/l	99
46) Dibromomethane	9.46	93	19581	19.794	ug/l	95
47) Bromodichloromethane	9.64	83	55172	20.272	ug/l	97
48) Methyl methacrylate	9.43	41	25901	16.531	ug/l	99
49) 1,4-Dioxane	9.45	88	7120	364.376	ug/l #	88
51) 4-Methyl-2-Pentanone	10.21	43	140286	81.543	ug/l	96
52) Toluene	10.38	92	102740	21.855	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	53772	19.214	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	62293	19.622	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	29272	19.765	ug/l	98
56) Ethyl methacrylate	10.65	69	38272	17.654	ug/l	98
57) 1,3-Dichloropropane	10.93	76	53520	19.534	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	101425	88.127	ug/l	95
59) 2-Hexanone	10.97	43	95952	76.340	ug/l	96
60) Dibromochloromethane	11.12	129	33742	19.372	ug/l	99
61) 1,2-Dibromoethane	11.23	107	26549	19.553	ug/l	99
64) Tetrachloroethene	10.86	164	37235	23.449	ug/l	97
65) Chlorobenzene	11.66	112	107003	21.634	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	39932	21.679	ug/l	100
67) Ethyl Benzene	11.73	91	201713	21.736	ug/l	97
68) m/p-Xylenes	11.84	106	147211	43.948	ug/l	100
69) o-Xylene	12.16	106	70180	22.208	ug/l	96
70) Styrene	12.18	104	121136	21.693	ug/l	99
71) Bromoform	12.35	173	19473	19.029	ug/l #	97
73) Isopropylbenzene	12.46	105	199756	20.882	ug/l	99
74) N-amyl acetate	12.27	43	48743	16.053	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.71	83	33359	17.364	ug/l	99
76) 1,2,3-Trichloropropane	12.76	75	45028	33.016	ug/l #	100
77) Bromobenzene	12.75	156	45328	20.915	ug/l	93
78) n-propylbenzene	12.80	91	240022	20.979	ug/l	100
79) 2-Chlorotoluene	12.89	91	137444	20.926	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	174125	21.601	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	10238	15.877	ug/l	94
82) 4-Chlorotoluene	12.99	91	143967	20.722	ug/l	99
83) tert-Butylbenzene	13.21	119	150990	21.184	ug/l	96
84) 1,2,4-Trimethylbenzene	13.25	105	172801	21.275	ug/l	100
85) sec-Butylbenzene	13.38	105	213597	21.597	ug/l	98
86) p-Isopropyltoluene	13.50	119	192938	21.357	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	90105	21.152	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	89410	21.093	ug/l	100
89) n-Butylbenzene	13.82	91	182951	20.860	ug/l	99
90) Hexachloroethane	14.09	117	32319	20.493	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	80501	20.996	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5774	16.423	ug/l	99

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Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration

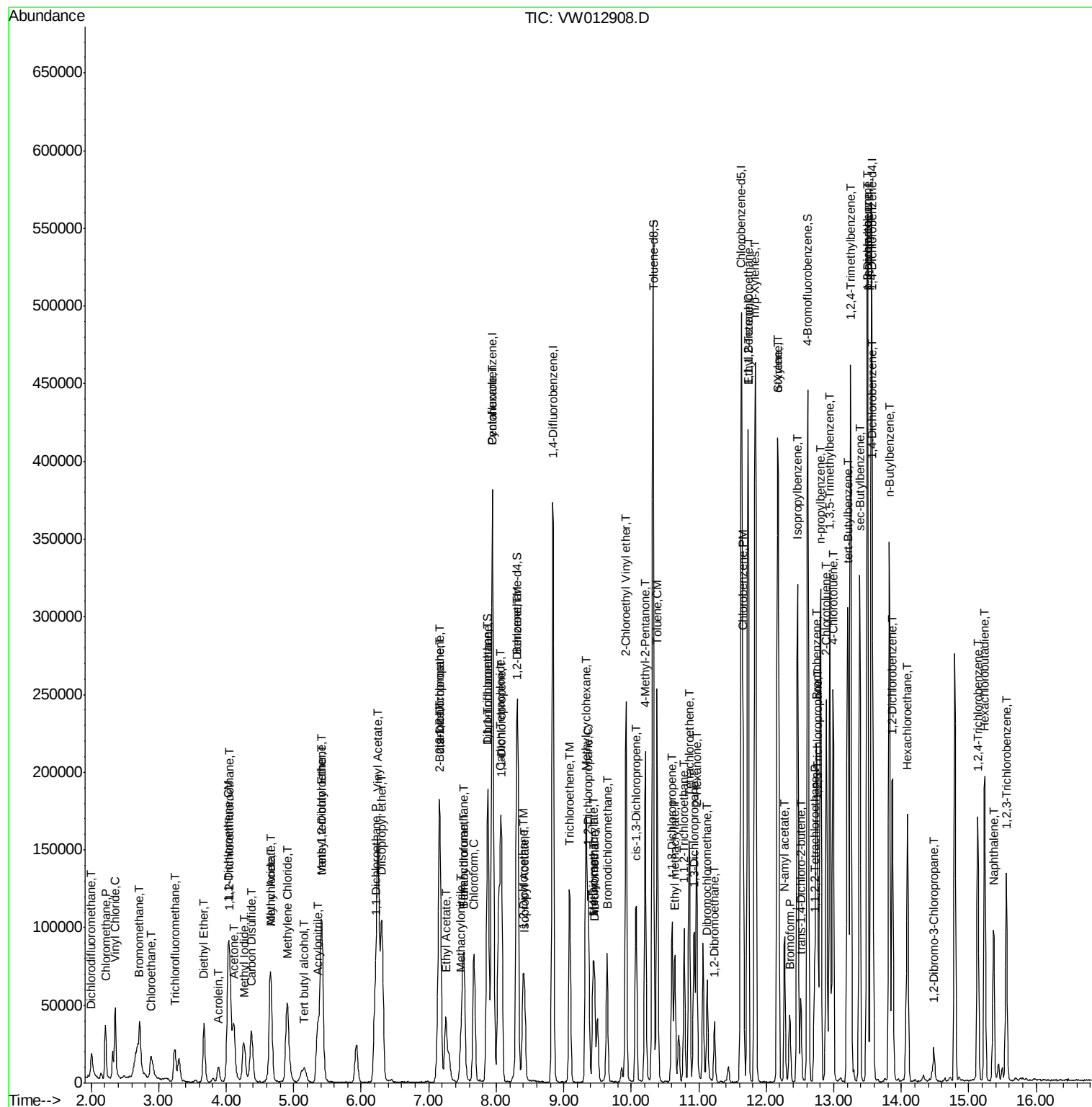
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	55957	20.962	ug/l	98
94) Hexachlorobutadiene	15.24	225	41050	22.217	ug/l	99
95) Naphthalene	15.36	128	85292	18.328	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	47147	20.009	ug/l	99

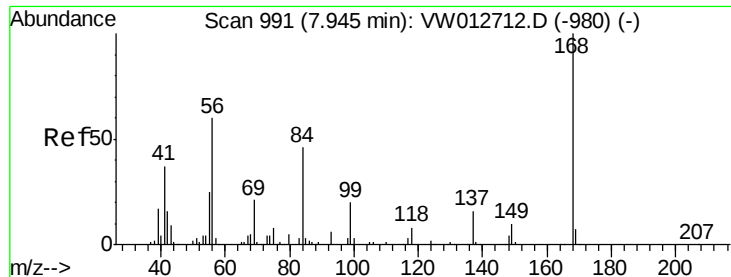
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012908.D

Acq: 11 Sep 2019 11:14

Instrument :

MSVOA_W

ClientSampleId :

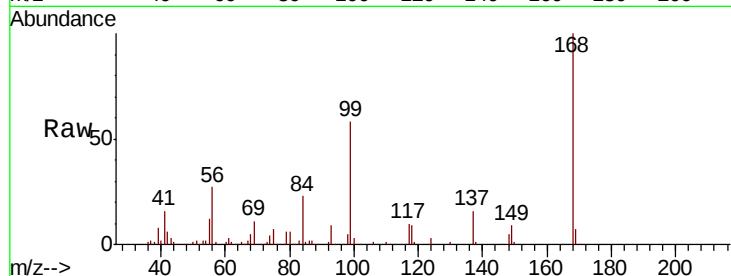
VW0911SBS01

Tgt Ion:168 Resp: 208482

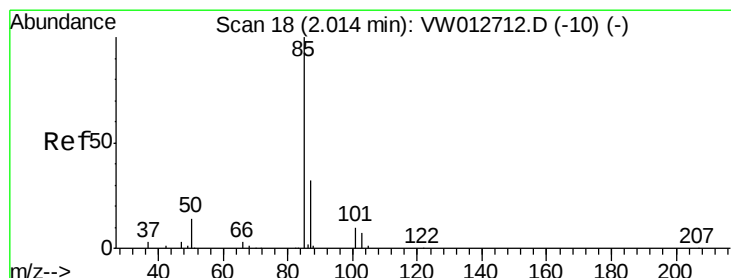
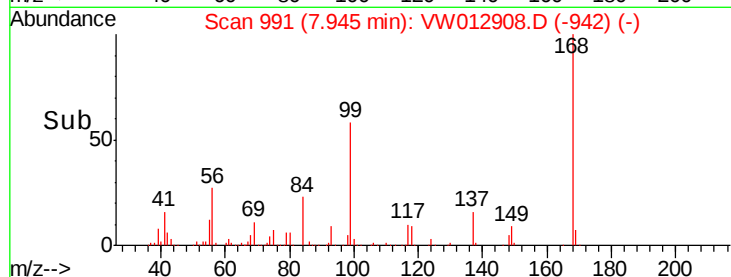
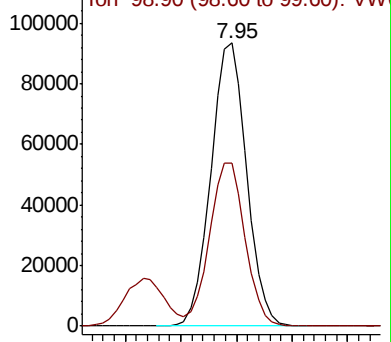
Ion Ratio Lower Upper

168 100

99 57.8 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): VW012712.D (-980) (-)



#2

Dichlorodifluoromethane

Concen: 22.519 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW012908.D

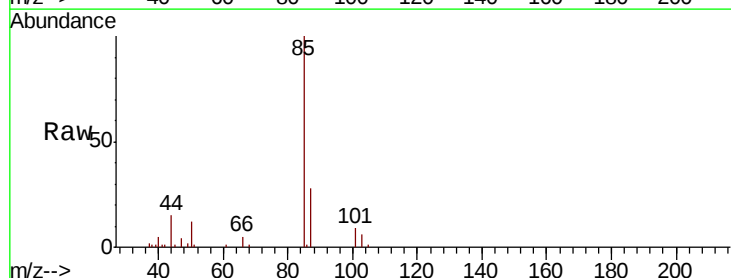
Acq: 11 Sep 2019 11:14

Tgt Ion: 85 Resp: 25452

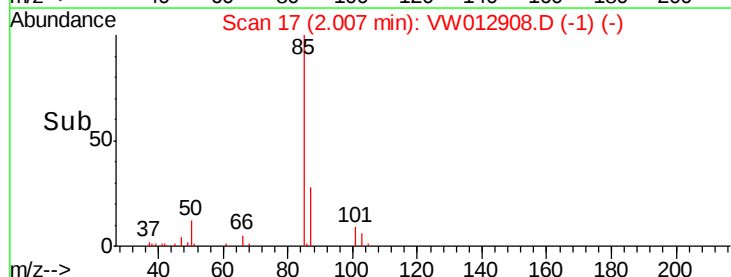
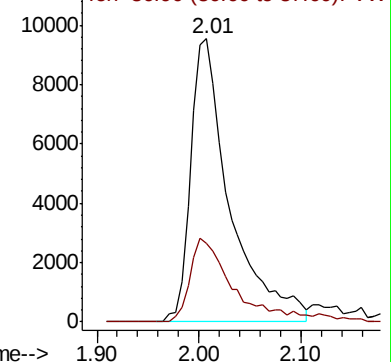
Ion Ratio Lower Upper

85 100

87 27.6 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VW012712.D (-10) (-)





#3

Chloromethane

Concen: 22.557 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW012908.D

Acq: 11 Sep 2019 11:14

Instrument :

MSVOA_W

ClientSampleId :

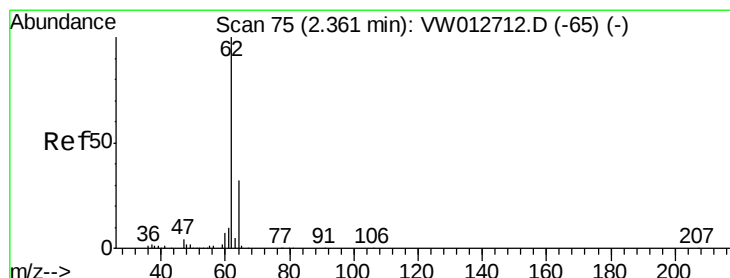
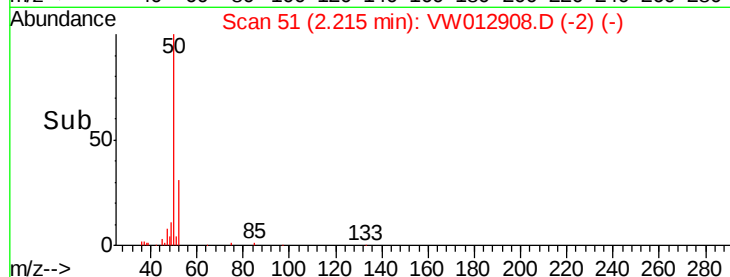
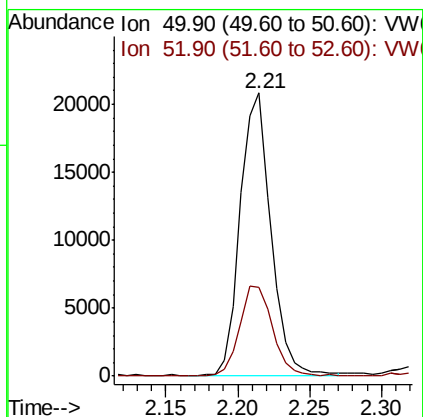
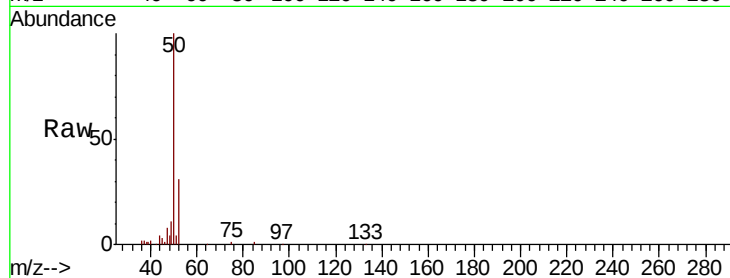
VW0911SBS01

Tgt Ion: 50 Resp: 30983

Ion Ratio Lower Upper

50 100

52 31.4 24.2 36.2



#4

Vinyl Chloride

Concen: 24.070 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012908.D

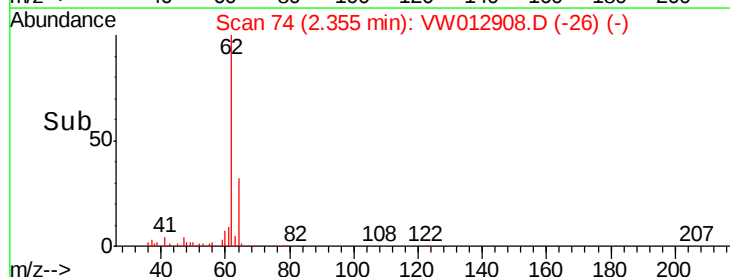
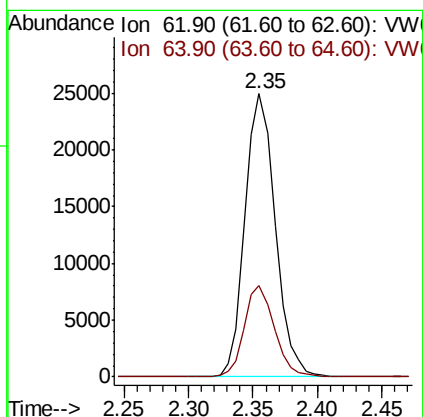
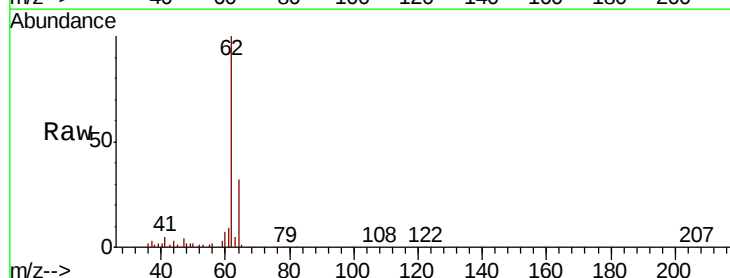
Acq: 11 Sep 2019 11:14

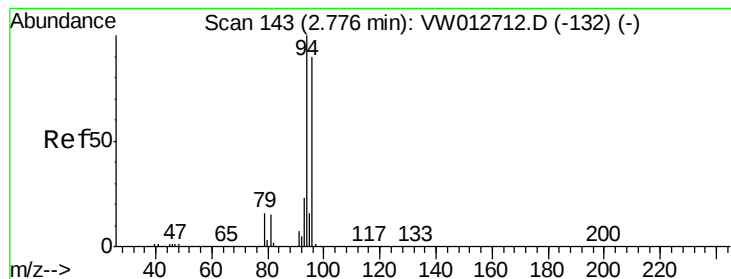
Tgt Ion: 62 Resp: 40538

Ion Ratio Lower Upper

62 100

64 32.2 25.3 37.9





#5

Bromomethane

Concen: 23.270 ug/l

RT: 2.72 min Scan# 134

Delta R.T. -0.05 min

Lab File: VW012908.D

Acq: 11 Sep 2019 11:14

Instrument :

MSVOA_W

ClientSampleId :

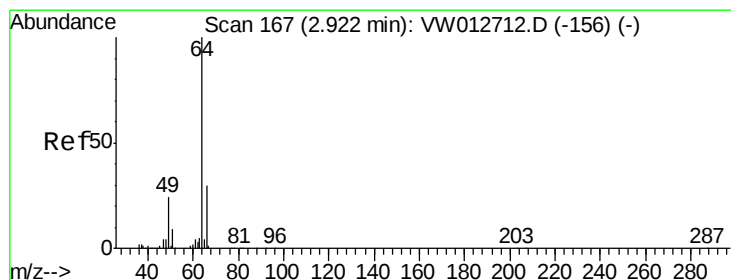
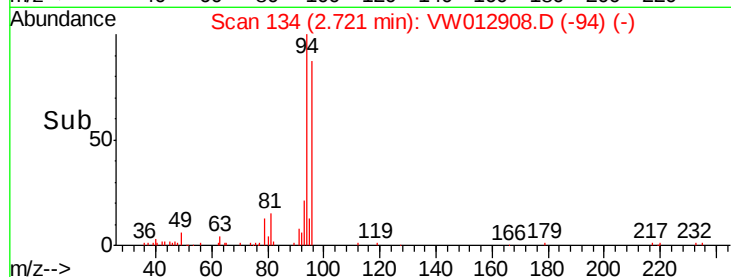
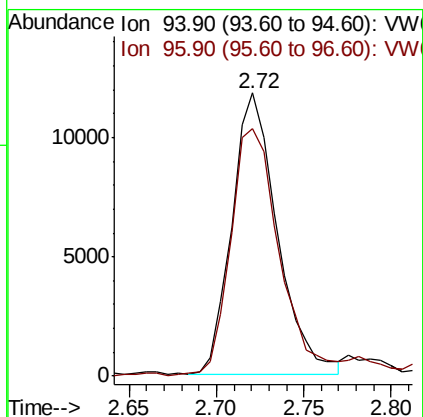
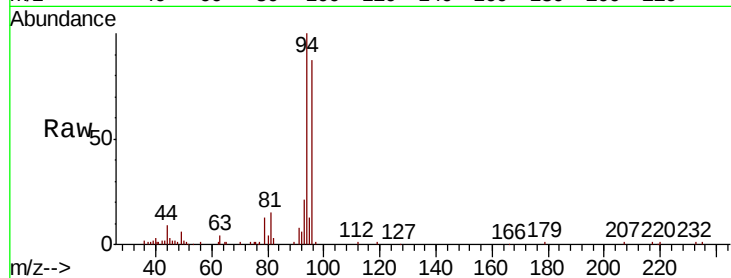
VW0911SBS01

Tgt Ion: 94 Resp: 21281

Ion Ratio Lower Upper

94 100

96 87.2 72.1 108.1



#6

Chloroethane

Concen: 23.213 ug/l

RT: 2.89 min Scan# 162

Delta R.T. -0.03 min

Lab File: VW012908.D

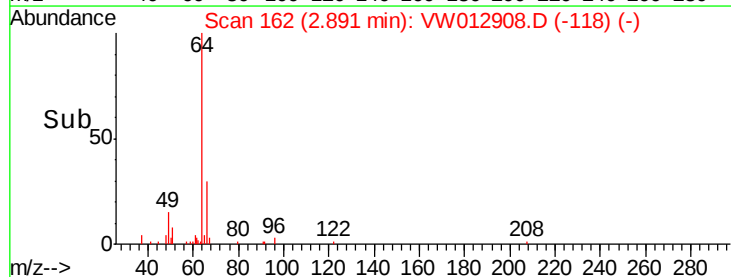
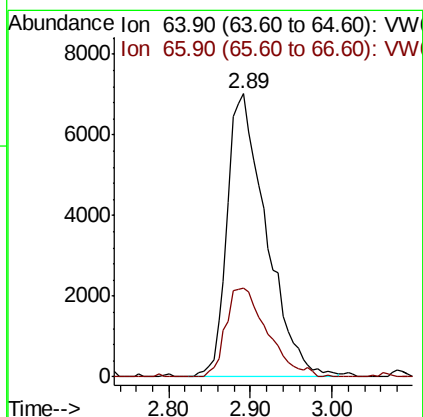
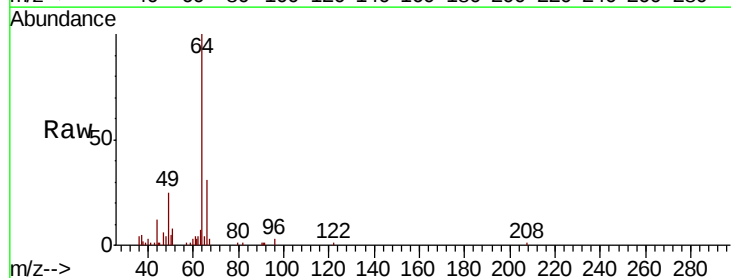
Acq: 11 Sep 2019 11:14

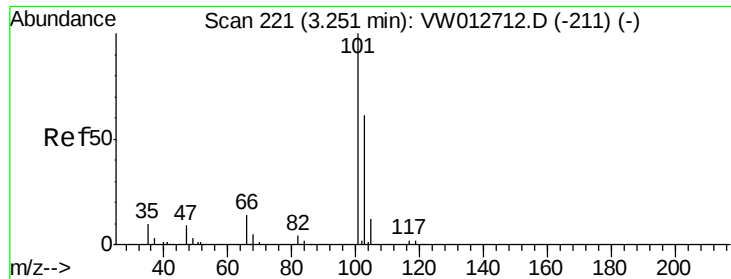
Tgt Ion: 64 Resp: 23329

Ion Ratio Lower Upper

64 100

66 31.4 23.8 35.6



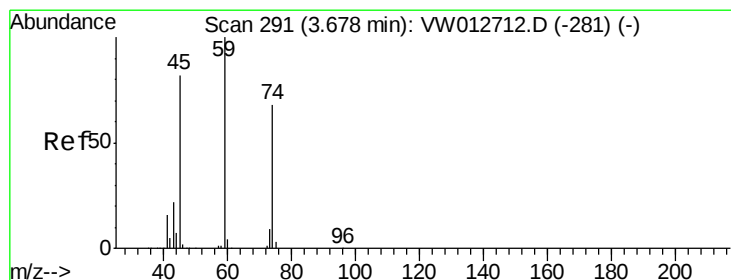
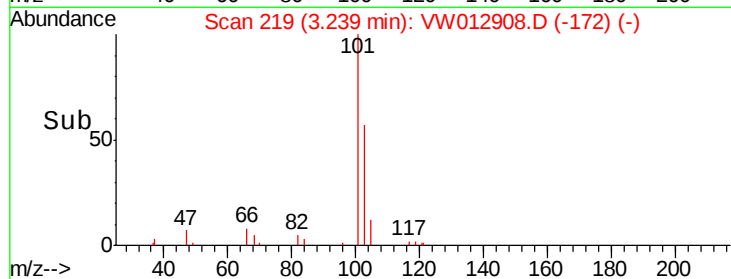
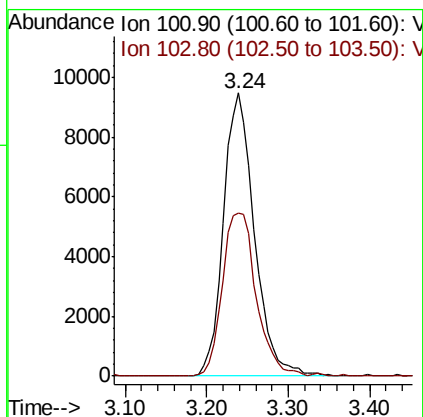
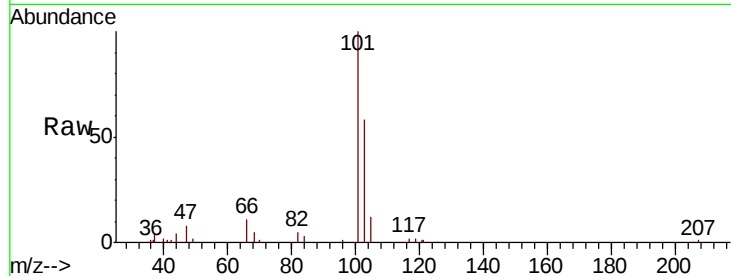


#7

Trichlorofluoromethane
 Concen: 21.377 ug/l
 RT: 3.24 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VW012908.D
 Acq: 11 Sep 2019 11:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBS01

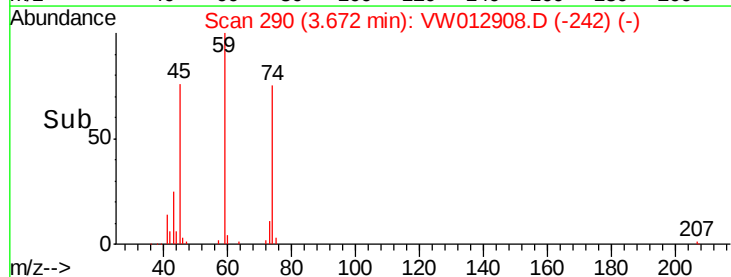
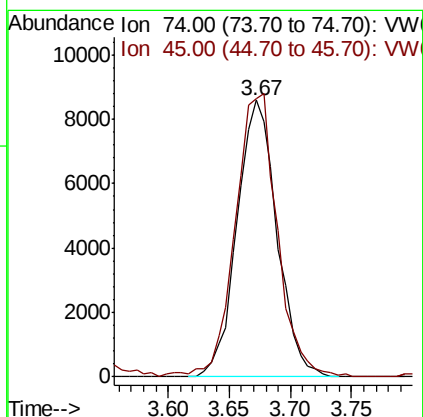
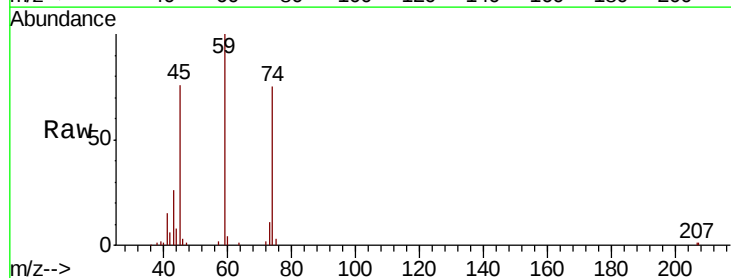
Tgt Ion:101 Resp: 24844
 Ion Ratio Lower Upper
 101 100
 103 57.6 49.0 73.4

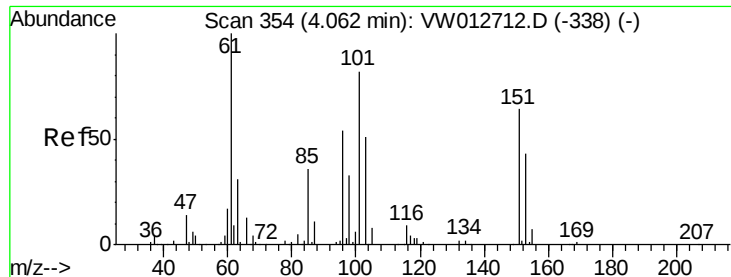


#8

Diethyl Ether
 Concen: 19.918 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW012908.D
 Acq: 11 Sep 2019 11:14

Tgt Ion: 74 Resp: 19456
 Ion Ratio Lower Upper
 74 100
 45 108.1 58.8 176.4

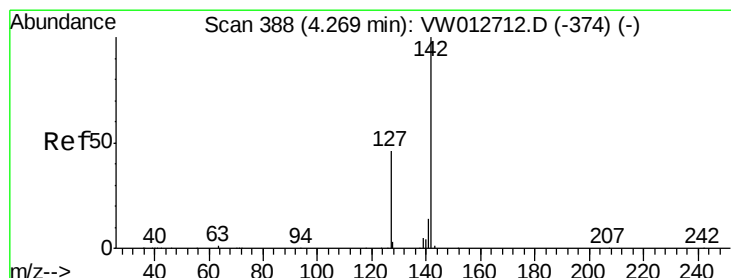
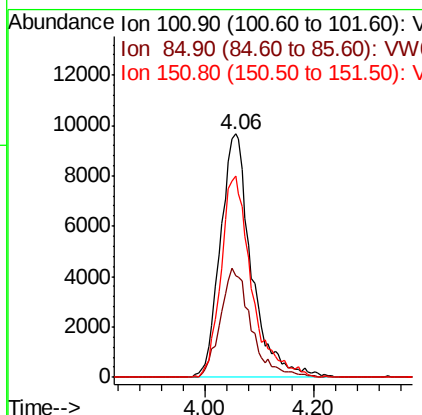
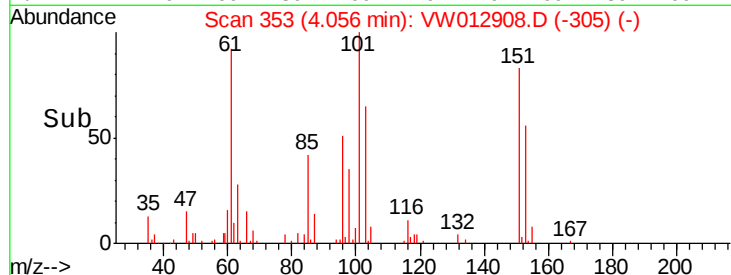
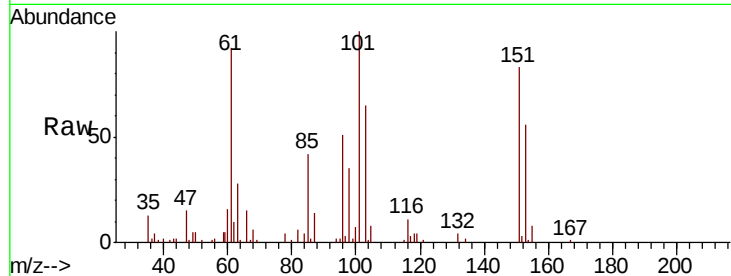




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.079 ug/l
 RT: 4.06 min Scan# 353
 Delta R.T. -0.01 min
 Lab File: VW012908.D
 Acq: 11 Sep 2019 11:14

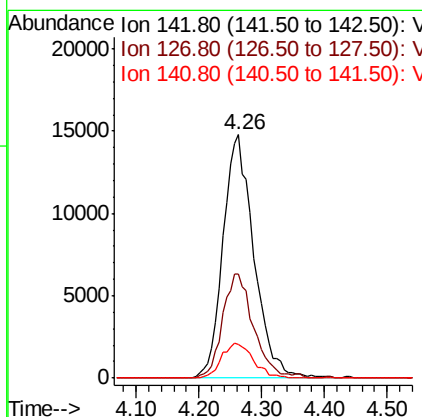
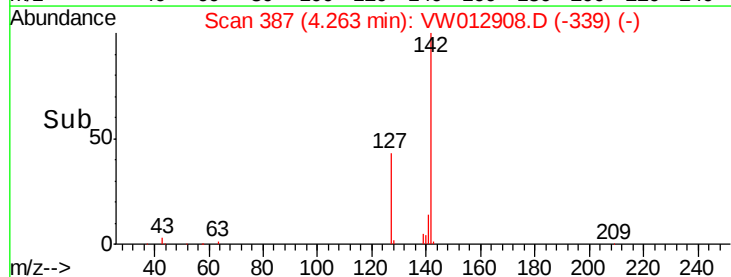
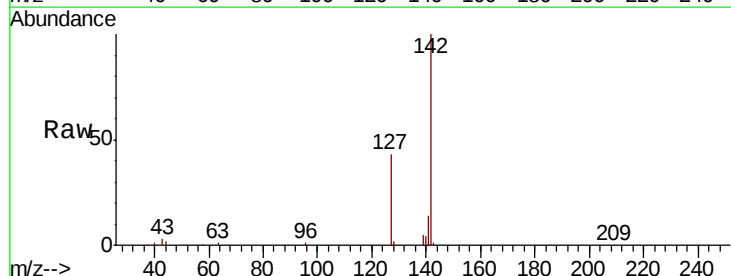
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBS01

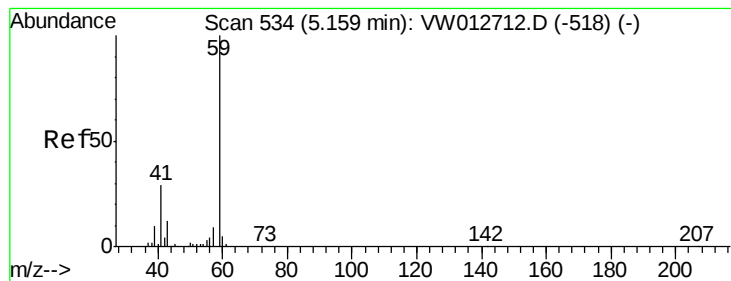
Tgt Ion	Ratio	Lower	Upper
101	100		
85	44.1	36.2	54.2
151	81.3	61.9	92.9



#10
 Methyl Iodide
 Concen: 21.937 ug/l
 RT: 4.26 min Scan# 387
 Delta R.T. -0.01 min
 Lab File: VW012908.D
 Acq: 11 Sep 2019 11:14

Tgt Ion	Ratio	Lower	Upper
142	100		
127	42.9	36.0	54.0
141	14.6	12.2	18.4



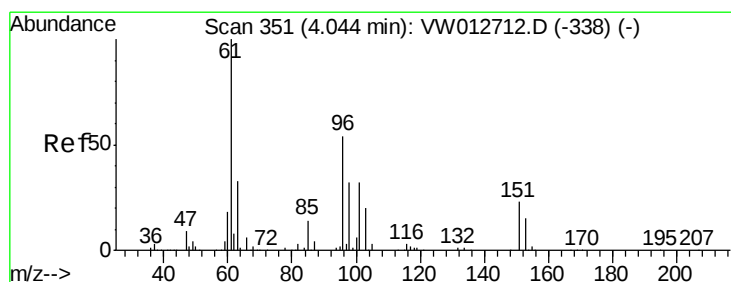
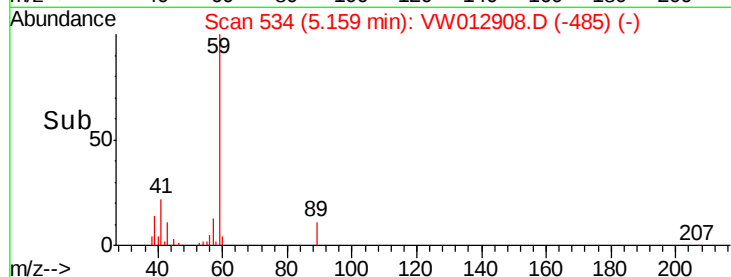
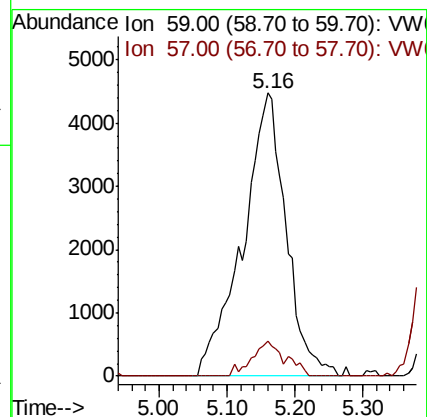
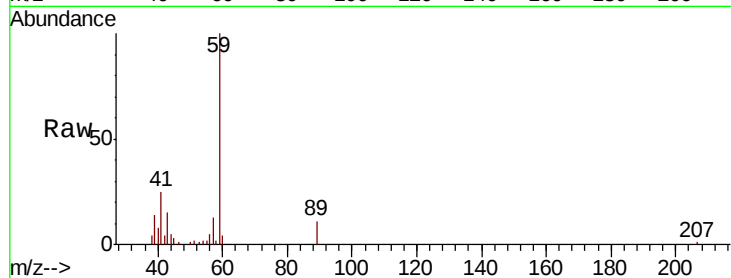


#11

Tert butyl alcohol
 Concen: 111.336 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: VW012908.D
 Acq: 11 Sep 2019 11:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBS01

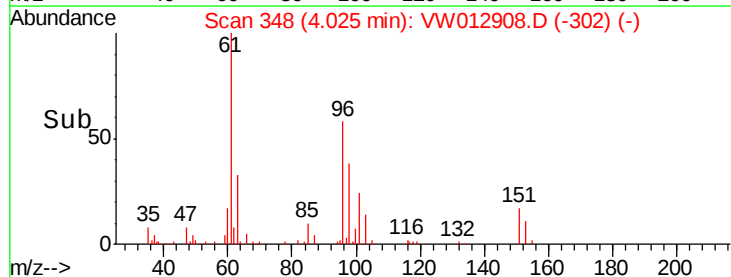
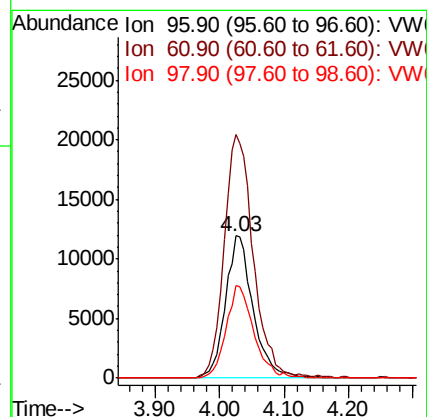
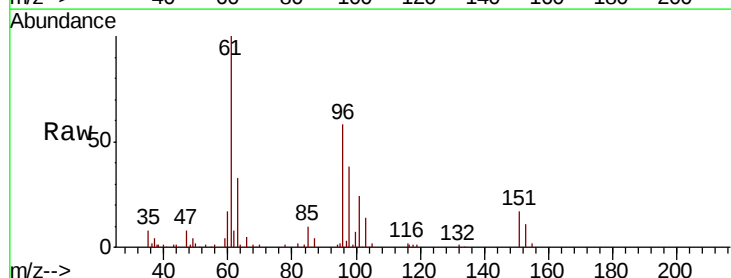
Tgt Ion: 59 Resp: 19843
 Ion Ratio Lower Upper
 59 100
 57 9.5 8.2 12.4

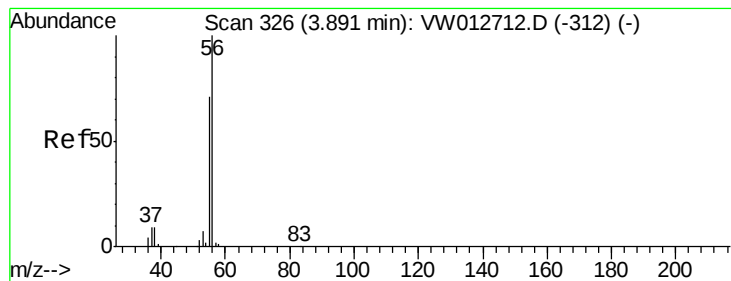


#12

1,1-Dichloroethene
 Concen: 20.945 ug/l
 RT: 4.03 min Scan# 348
 Delta R.T. -0.02 min
 Lab File: VW012908.D
 Acq: 11 Sep 2019 11:14

Tgt Ion: 96 Resp: 36061
 Ion Ratio Lower Upper
 96 100
 61 171.6 147.8 221.6
 98 65.1 47.9 71.9





#13

Acrolein

Concen: 62.993 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW012908.D

Acq: 11 Sep 2019 11:14

Instrument :

MSVOA_W

ClientSampleId :

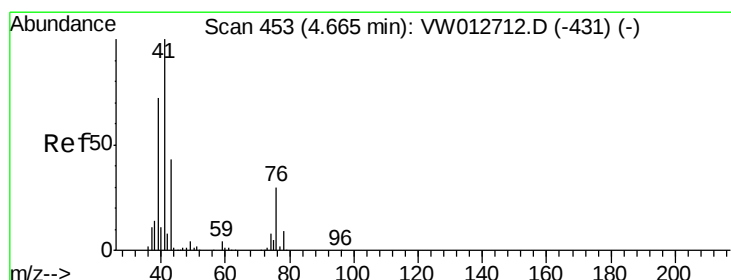
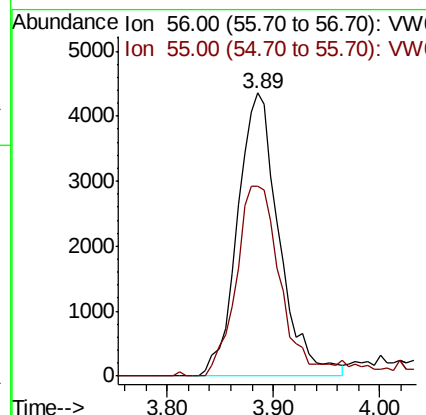
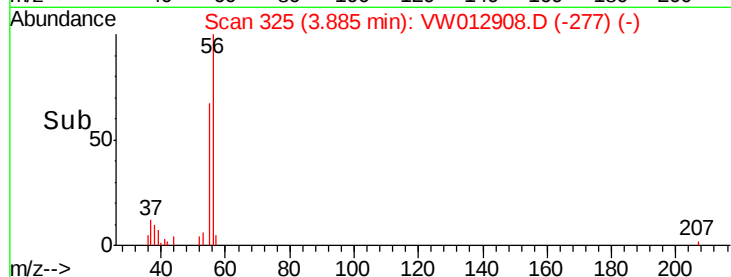
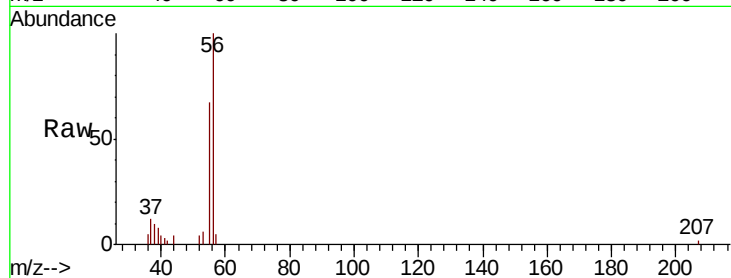
VW0911SBS01

Tgt Ion: 56 Resp: 11914

Ion Ratio Lower Upper

56 100

55 69.9 56.9 85.3



#14

Allyl chloride

Concen: 18.586 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.01 min

Lab File: VW012908.D

Acq: 11 Sep 2019 11:14

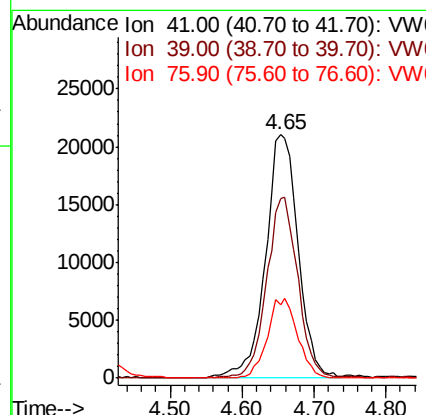
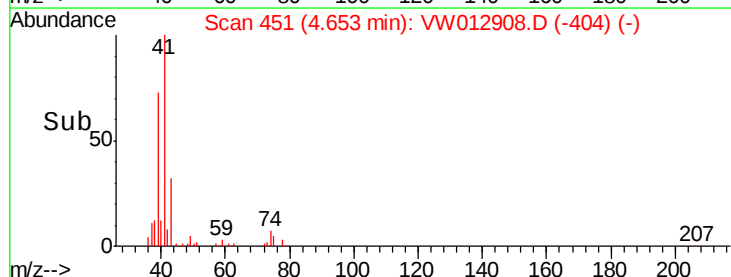
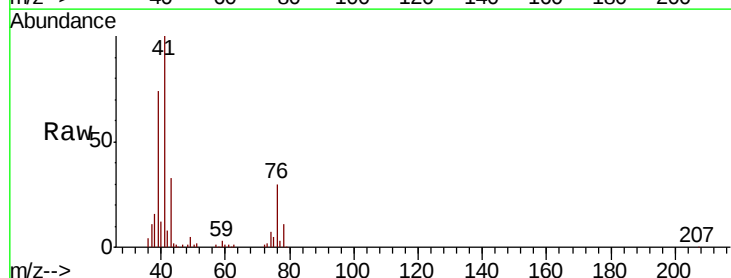
Tgt Ion: 41 Resp: 66194

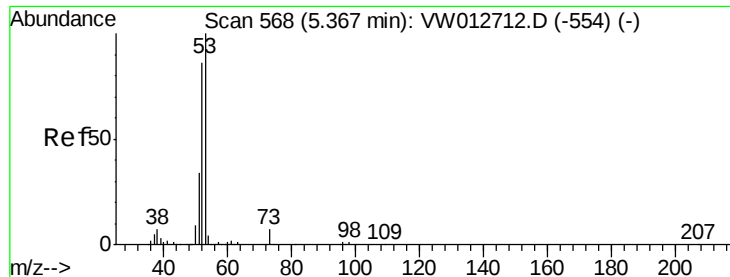
Ion Ratio Lower Upper

41 100

39 70.6 55.0 82.6

76 30.5 23.0 34.4





#15

Acrylonitrile

Concen: 82.445 ug/l

RT: 5.35 min Scan# 566

Delta R.T. -0.01 min

Lab File: VW012908.D

Acq: 11 Sep 2019 11:14

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBS01

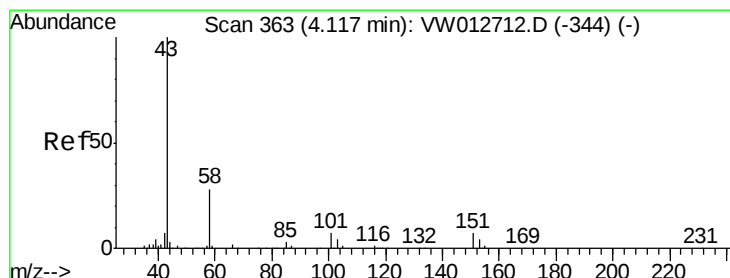
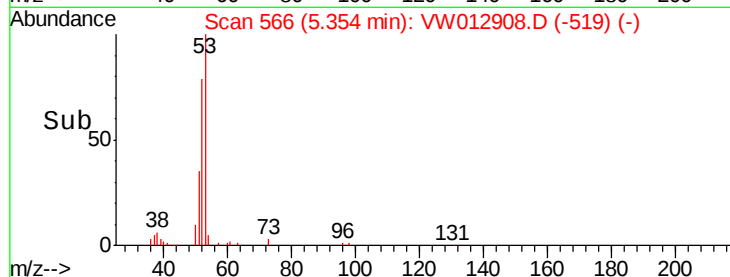
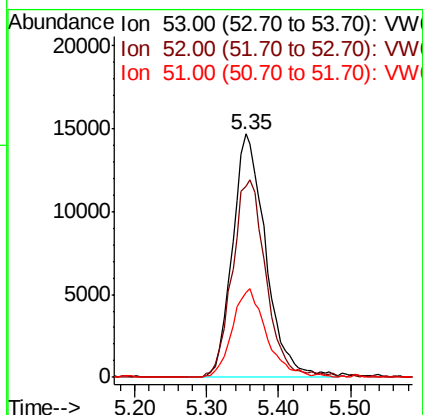
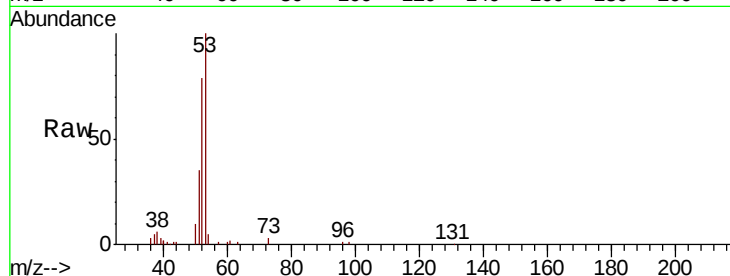
Tgt Ion: 53 Resp: 47037

Ion Ratio Lower Upper

53 100

52 81.2 67.0 100.4

51 37.6 29.8 44.8



#16

Acetone

Concen: 79.872 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW012908.D

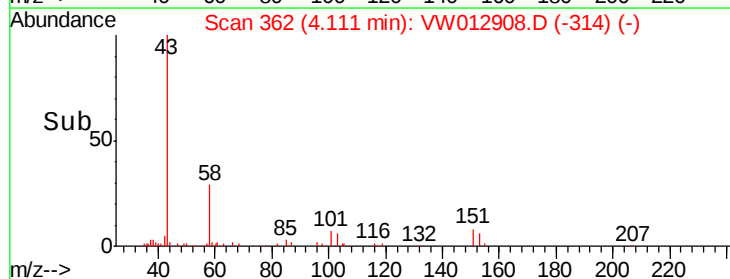
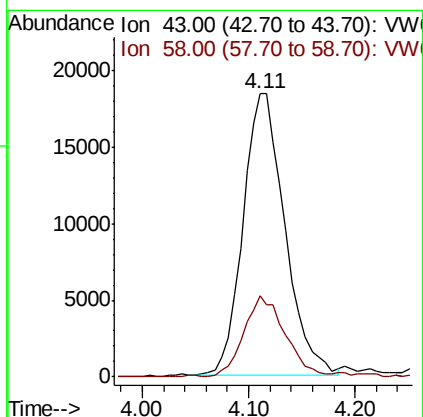
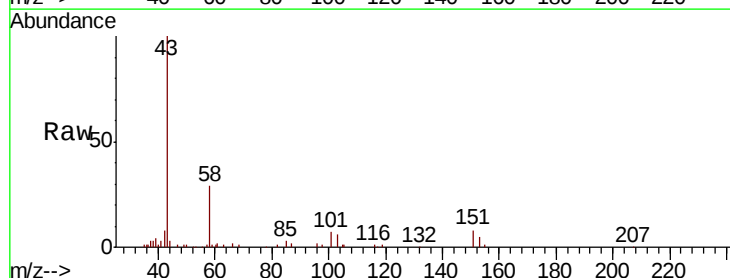
Acq: 11 Sep 2019 11:14

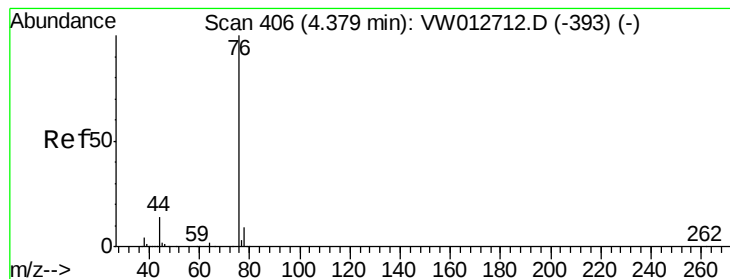
Tgt Ion: 43 Resp: 50723

Ion Ratio Lower Upper

43 100

58 28.2 22.6 33.8





#17

Carbon Disulfide

Concen: 20.299 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW012908.D

Acq: 11 Sep 2019 11:14

Instrument :

MSVOA_W

ClientSampleId :

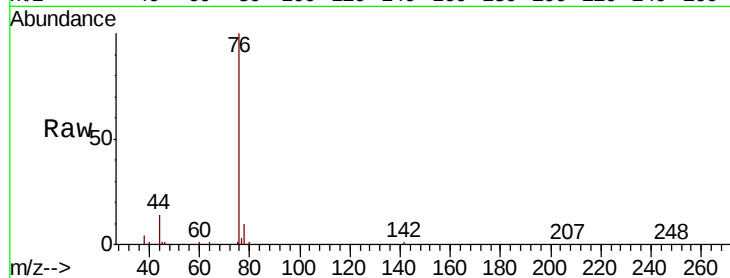
VW0911SBS01

Tgt Ion: 76 Resp: 74185

Ion Ratio Lower Upper

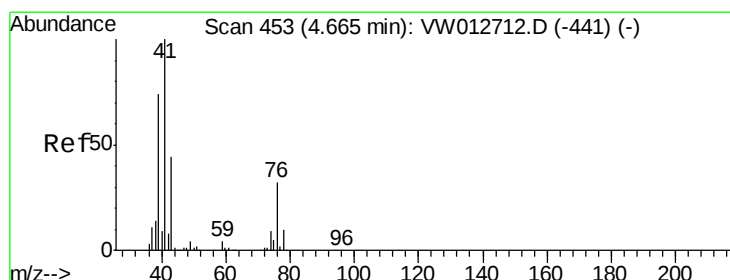
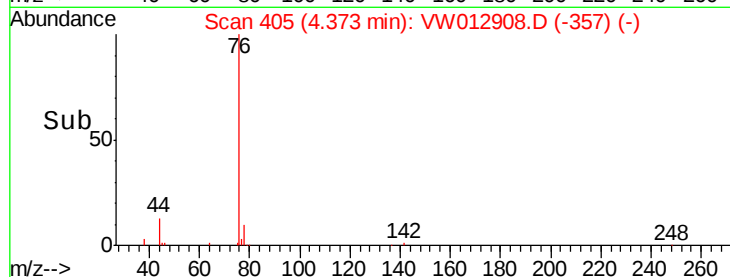
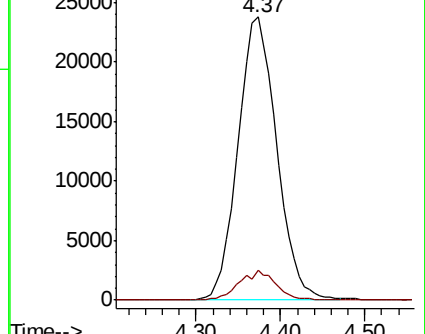
76 100

78 10.4 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 15.718 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW012908.D

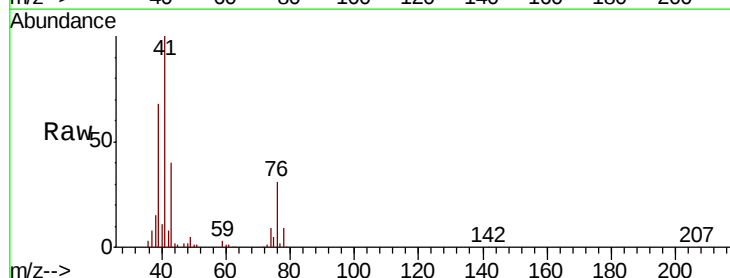
Acq: 11 Sep 2019 11:14

Tgt Ion: 43 Resp: 23418

Ion Ratio Lower Upper

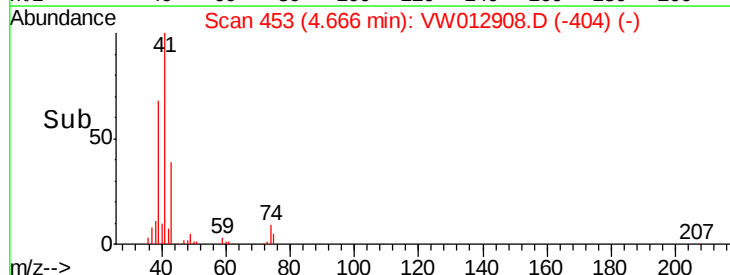
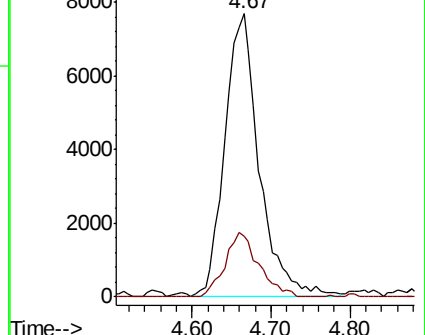
43 100

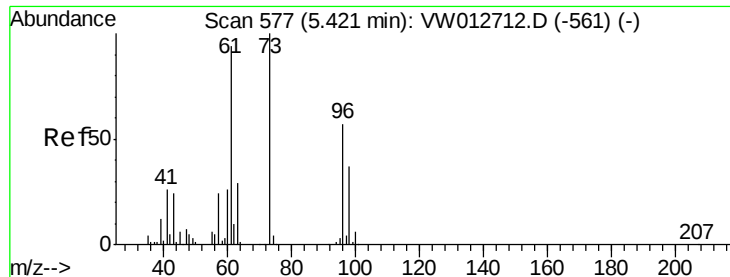
74 22.1 15.8 23.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

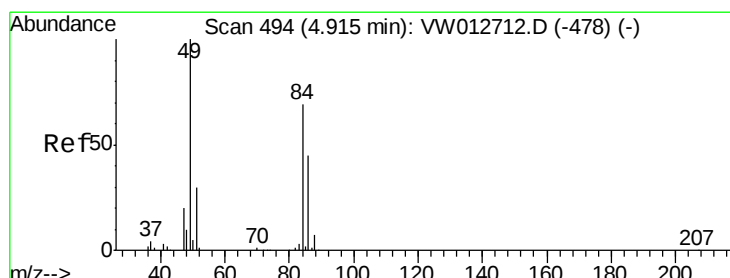
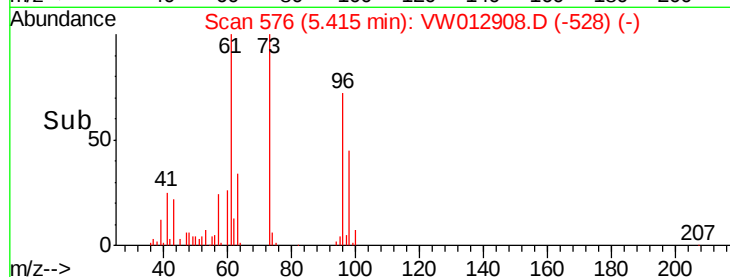
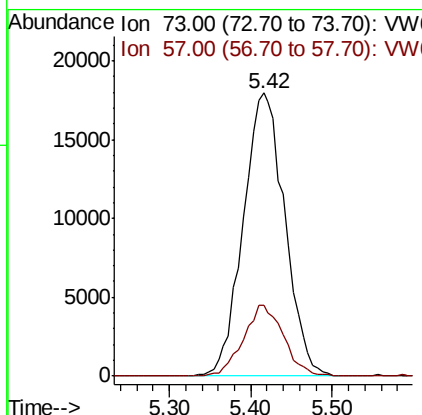
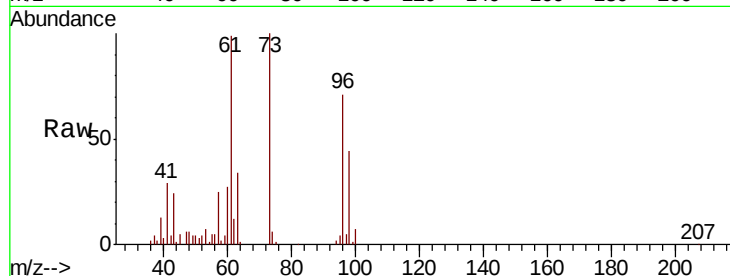




#19
Methyl tert-butyl Ether
Concen: 18.602 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW012908.D
Acq: 11 Sep 2019 11:14

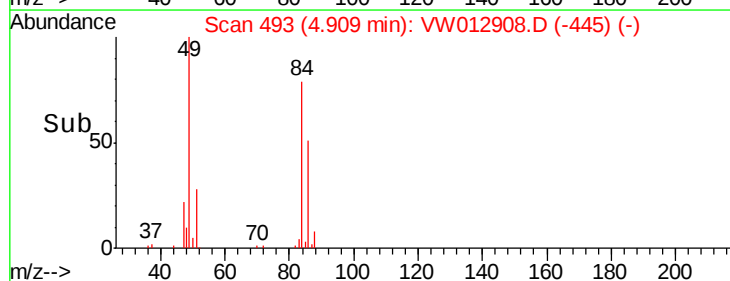
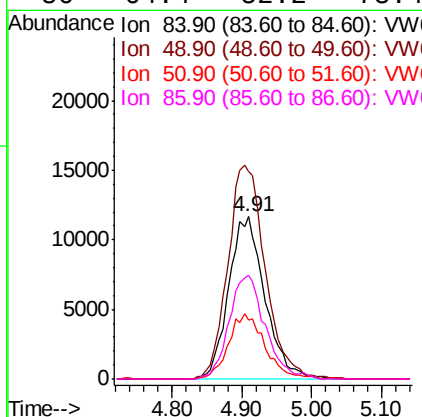
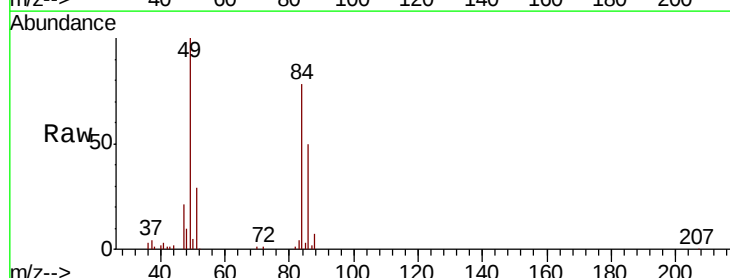
Instrument :
MSVOA_W
ClientSampleId :
VW0911SBS01

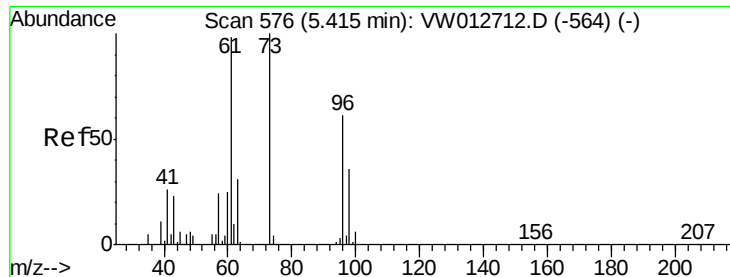
Tgt Ion: 73 Resp: 63517
Ion Ratio Lower Upper
73 100
57 25.1 19.2 28.8



#20
Methylene Chloride
Concen: 21.025 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012908.D
Acq: 11 Sep 2019 11:14

Tgt Ion: 84 Resp: 41771
Ion Ratio Lower Upper
84 100
49 127.0 115.4 173.0
51 36.6 34.9 52.3
86 64.4 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 21.658 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW012908.D

Acq: 11 Sep 2019 11:14

Instrument :

MSVOA_W

ClientSampled :

VW0911SBS01

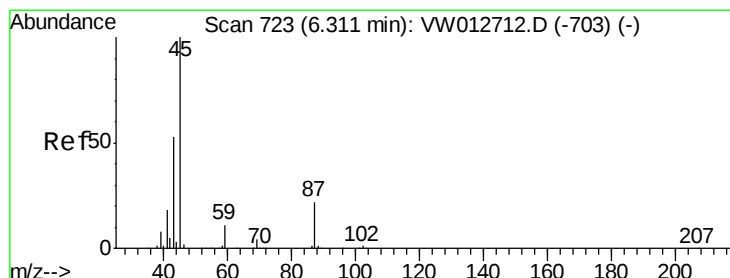
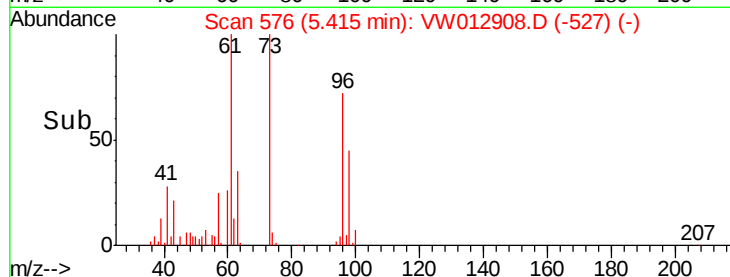
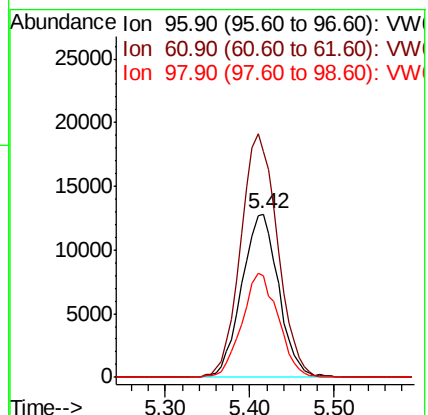
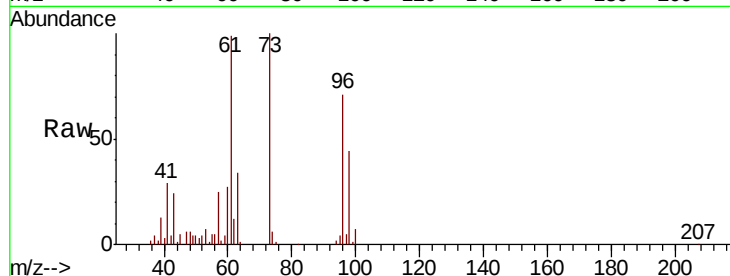
Tgt Ion: 96 Resp: 38048

Ion Ratio Lower Upper

96 100

61 138.5 129.2 193.8

98 62.1 48.0 72.0



#22

Diisopropyl ether

Concen: 19.275 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW012908.D

Acq: 11 Sep 2019 11:14

Tgt Ion: 45 Resp: 136155

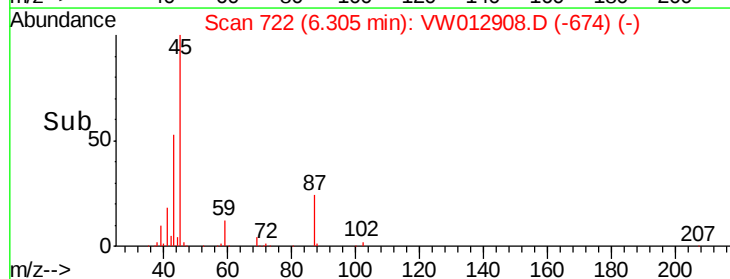
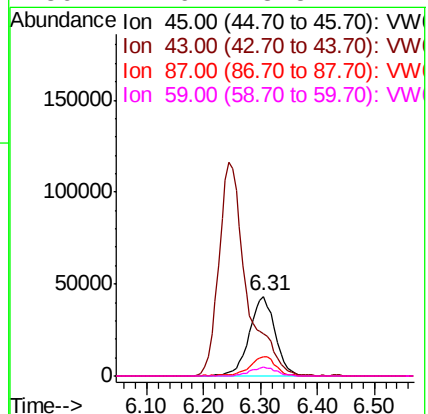
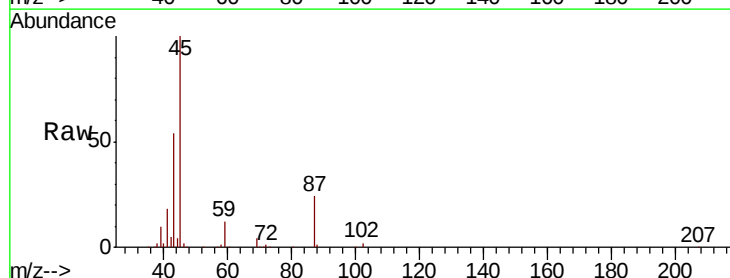
Ion Ratio Lower Upper

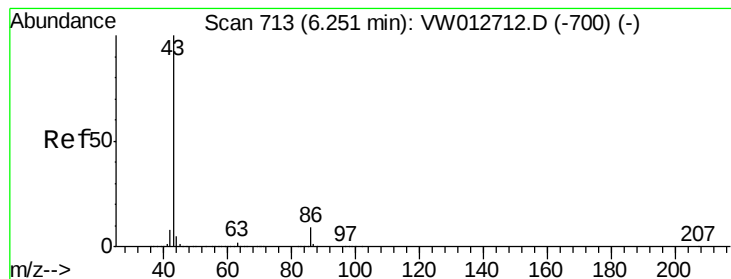
45 100

43 53.5 42.3 63.5

87 24.1 18.2 27.2

59 11.6 8.5 12.7





#23

Vinyl Acetate

Concen: 87.074 ug/l

RT: 6.24 min Scan# 712

Delta R.T. -0.01 min

Lab File: VW012908.D

Acq: 11 Sep 2019 11:14

Instrument :

MSVOA_W

ClientSampleId :

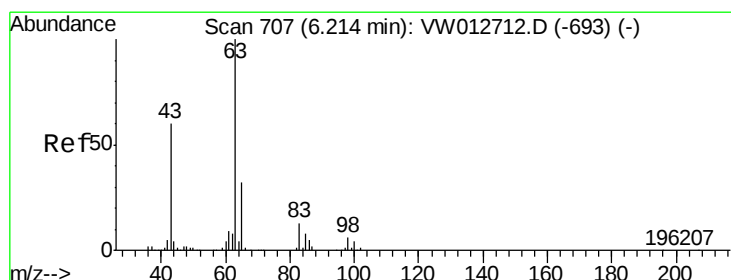
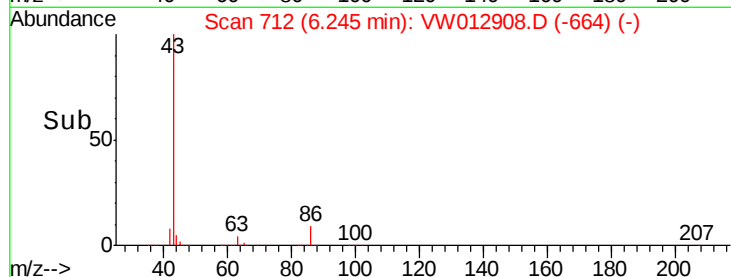
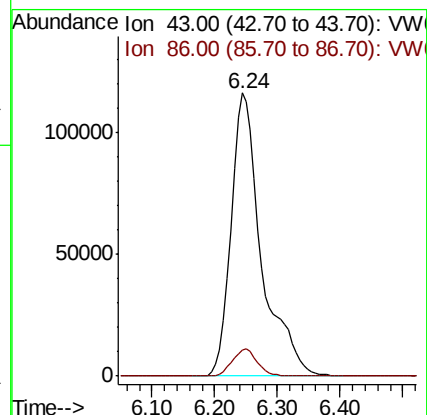
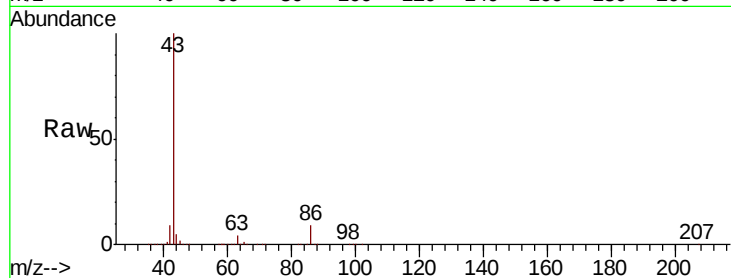
VW0911SBS01

Tgt Ion: 43 Resp: 389803

Ion Ratio Lower Upper

43 100

86 9.2 7.0 10.6



#24

1,1-Dichloroethane

Concen: 19.953 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012908.D

Acq: 11 Sep 2019 11:14

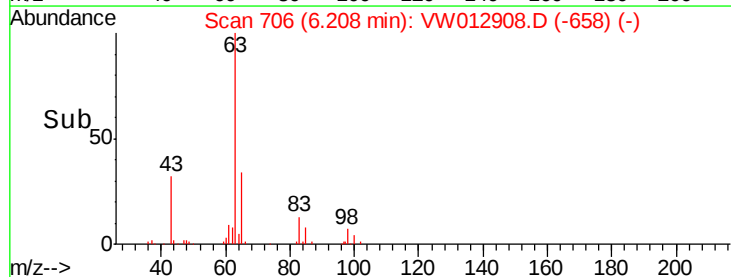
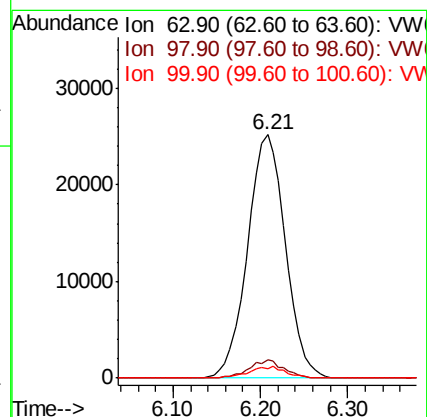
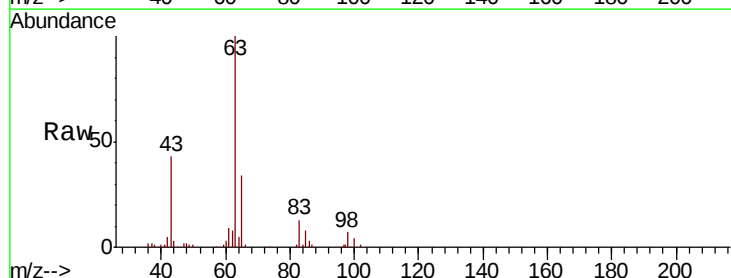
Tgt Ion: 63 Resp: 75892

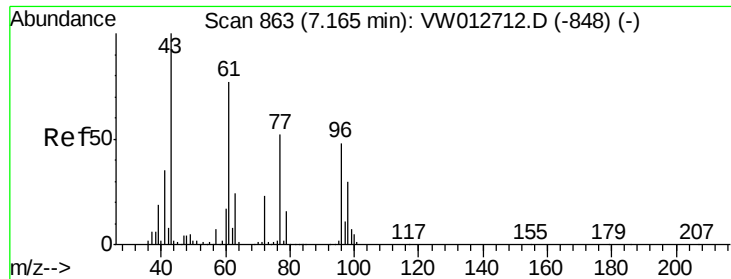
Ion Ratio Lower Upper

63 100

98 7.5 3.1 9.3

100 3.8 1.8 5.5





#25

2-Butanone

Concen: 86.446 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW012908.D

Acq: 11 Sep 2019 11:14

Instrument :

MSVOA_W

ClientSampleId :

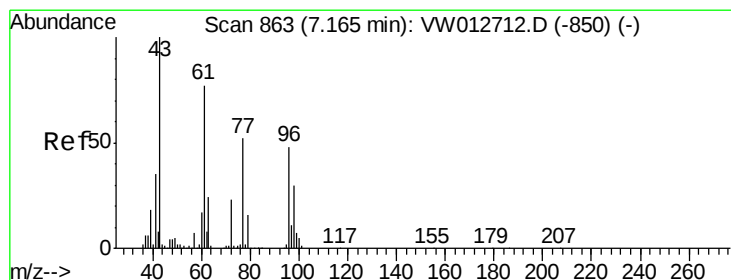
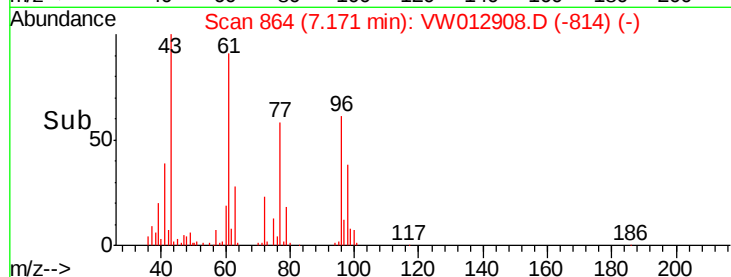
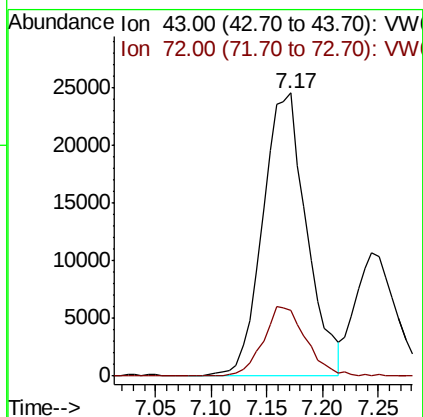
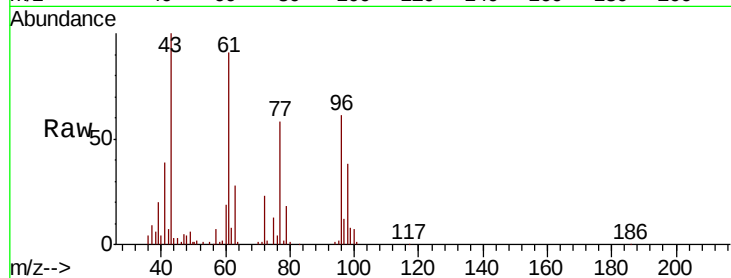
VW0911SBS01

Tgt Ion: 43 Resp: 67764

Ion Ratio Lower Upper

43 100

72 23.4 18.0 27.0



#26

2,2-Dichloropropane

Concen: 20.903 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012908.D

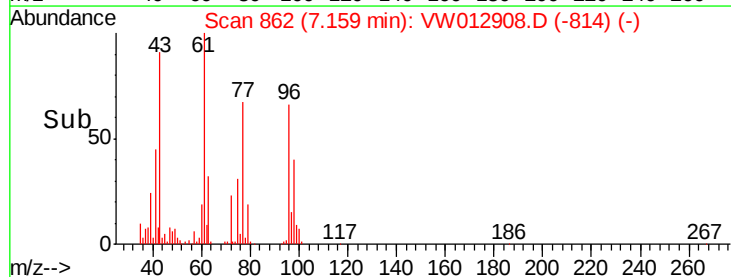
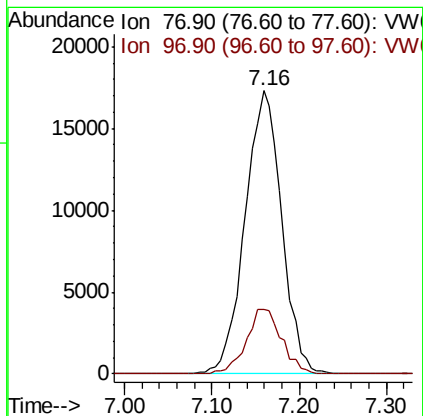
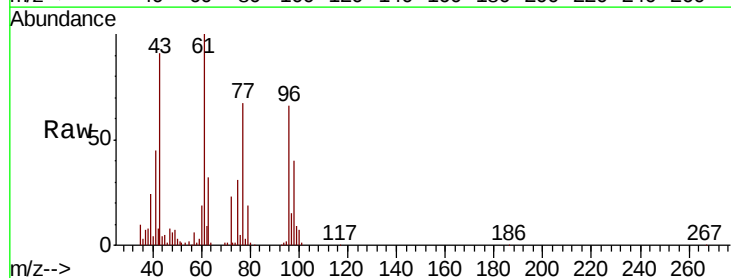
Acq: 11 Sep 2019 11:14

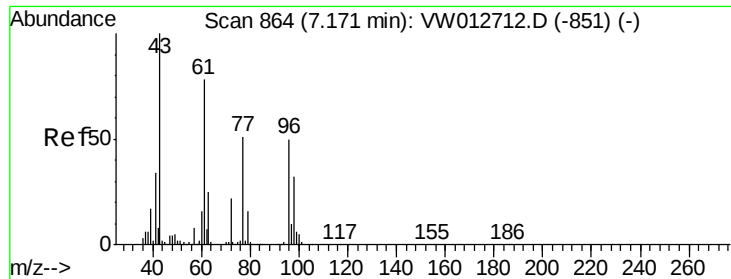
Tgt Ion: 77 Resp: 50214

Ion Ratio Lower Upper

77 100

97 22.0 10.7 32.1

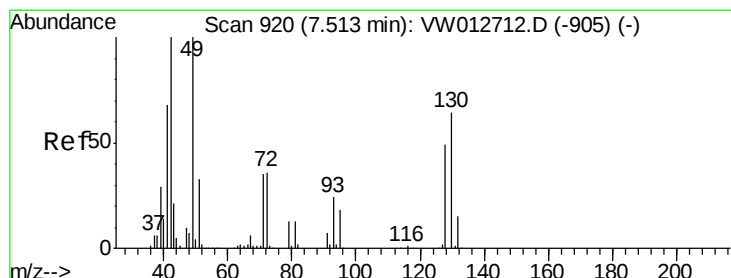
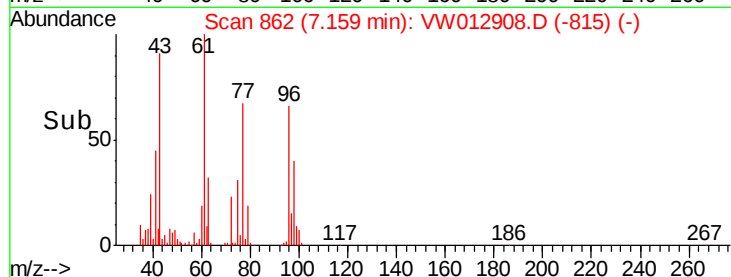
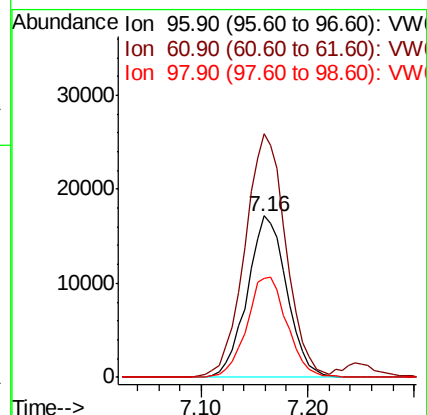
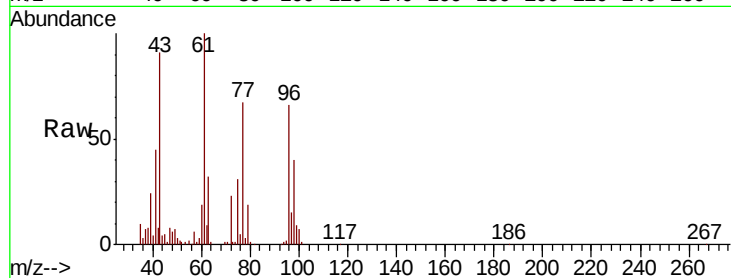




#27
 cis-1,2-Dichloroethene
 Concen: 21.887 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VW012908.D
 Acq: 11 Sep 2019 11:14

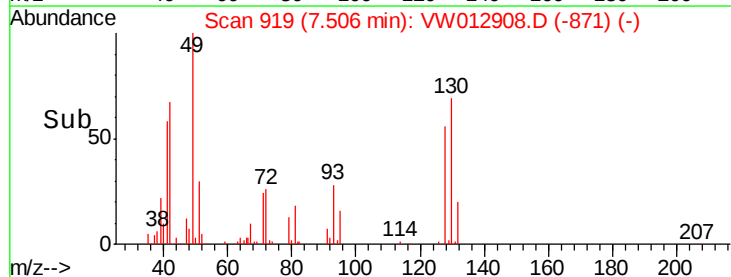
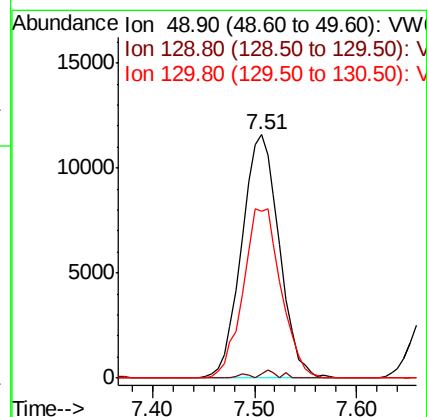
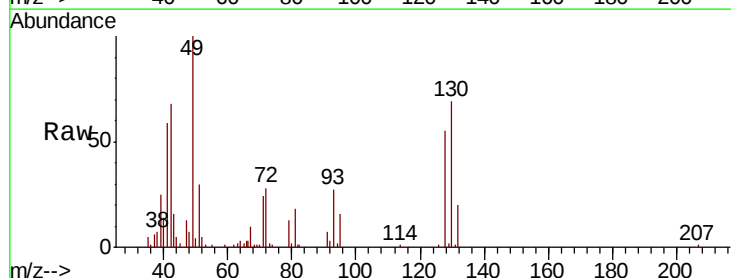
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBS01

Tgt Ion: 96 Resp: 44583
 Ion Ratio Lower Upper
 96 100
 61 157.1 0.0 325.8
 98 63.0 0.0 127.0



#28
 Bromochloromethane
 Concen: 16.943 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW012908.D
 Acq: 11 Sep 2019 11:14

Tgt Ion: 49 Resp: 29590
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 0.8#
 130 70.6 49.8 74.8

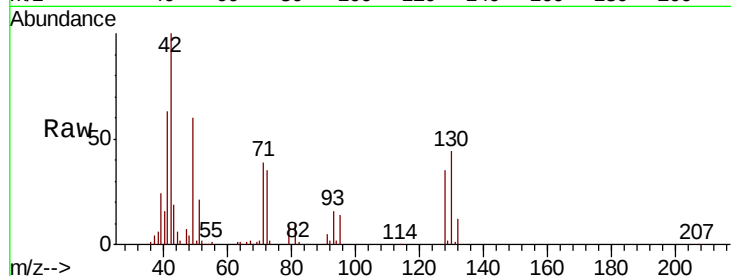




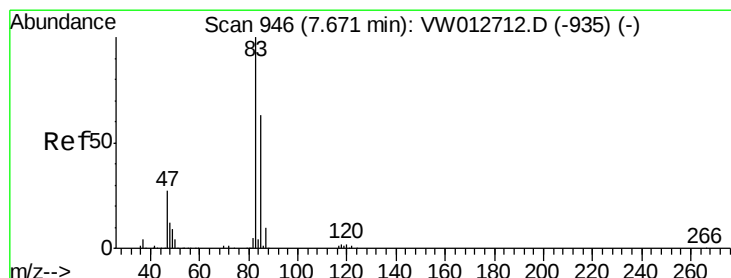
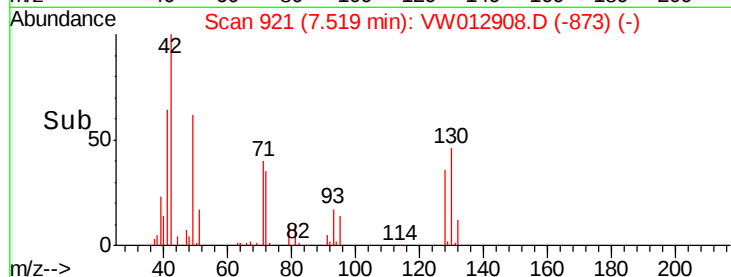
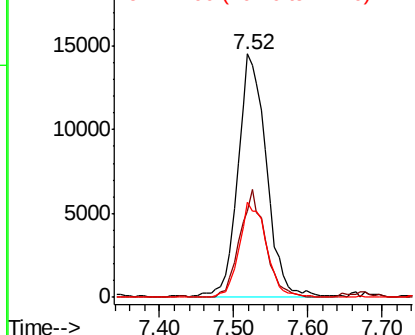
#29
Tetrahydrofuran
Concen: 75.115 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.01 min
Lab File: VW012908.D
Acq: 11 Sep 2019 11:14

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBS01

Tgt Ion: 42 Resp: 38521
Ion Ratio Lower Upper
42 100
72 40.0 28.4 42.6
71 37.9 27.1 40.7

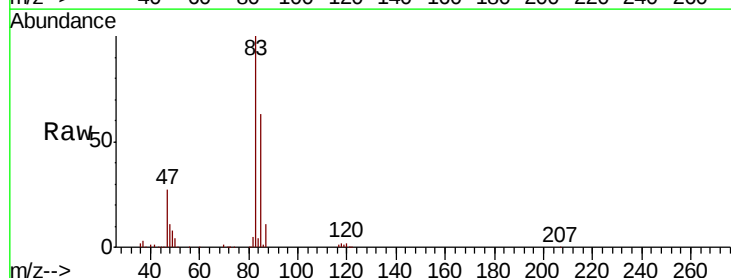


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

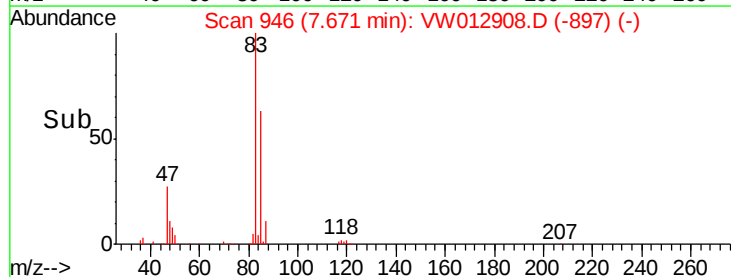
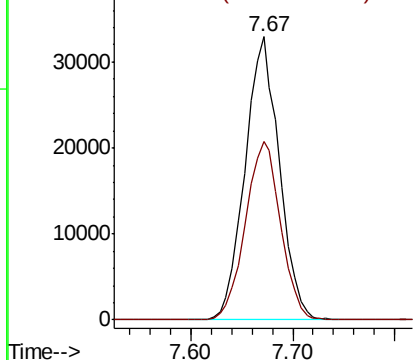


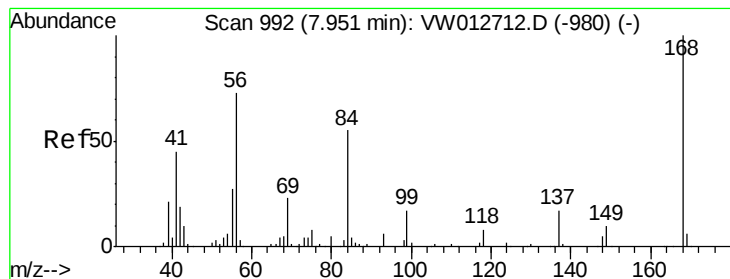
#30
Chloroform
Concen: 20.395 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW012908.D
Acq: 11 Sep 2019 11:14

Tgt Ion: 83 Resp: 76879
Ion Ratio Lower Upper
83 100
85 63.2 50.6 76.0



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





#31

Cyclohexane

Concen: 20.011 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW012908.D

Acq: 11 Sep 2019 11:14

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBS01

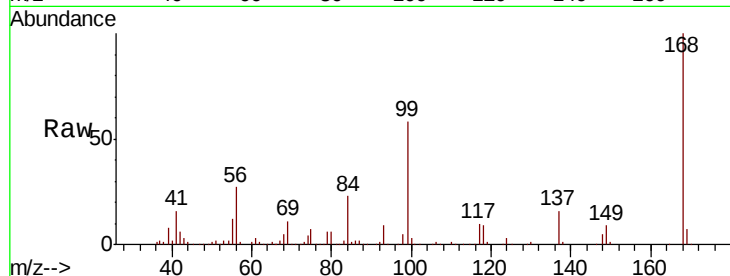
Tgt Ion: 56 Resp: 68520

Ion Ratio Lower Upper

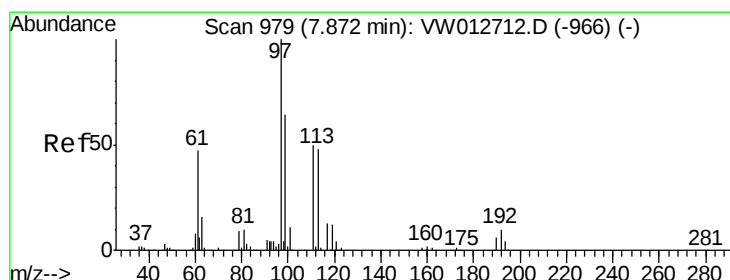
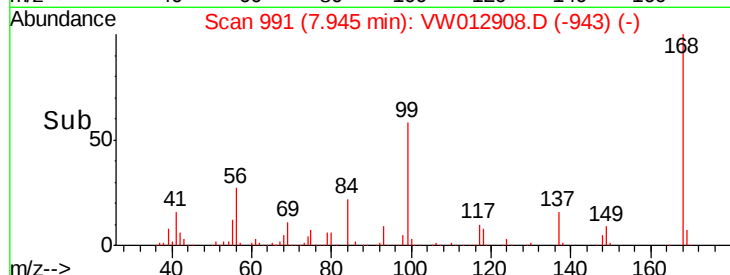
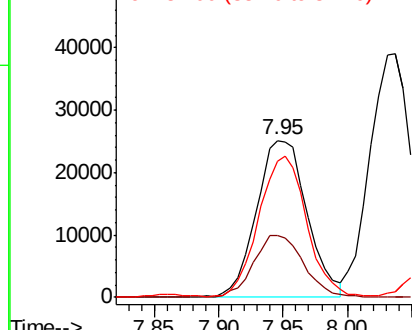
56 100

69 39.4 25.7 38.5#

84 85.4 60.4 90.6



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: 20.952 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW012908.D

Acq: 11 Sep 2019 11:14

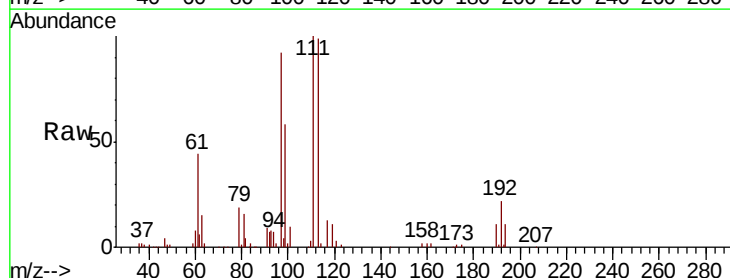
Tgt Ion: 97 Resp: 64019

Ion Ratio Lower Upper

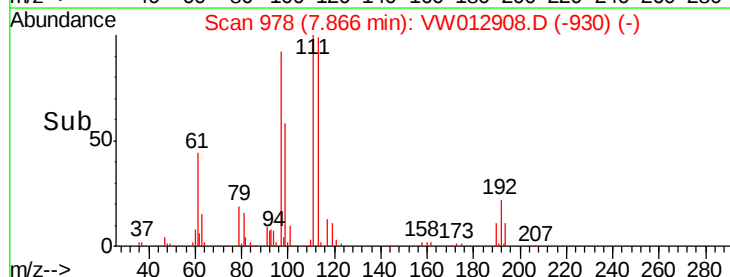
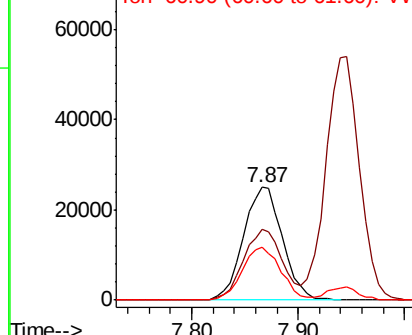
97 100

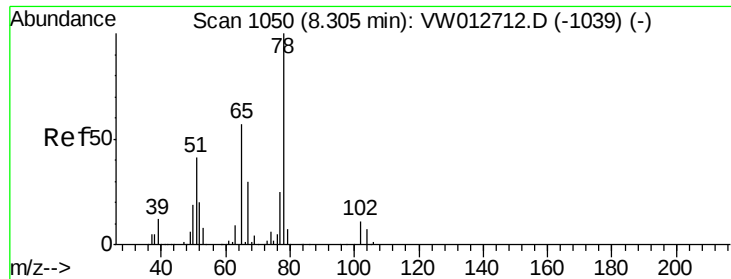
99 63.6 51.5 77.3

61 47.1 37.9 56.9



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

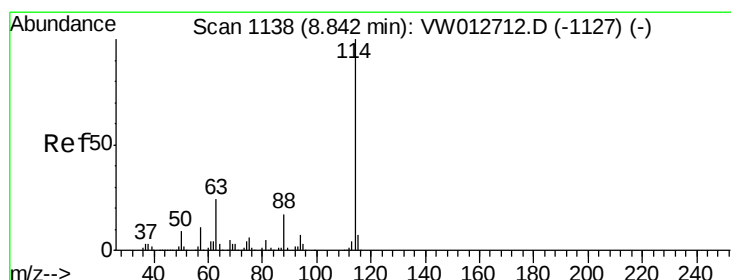
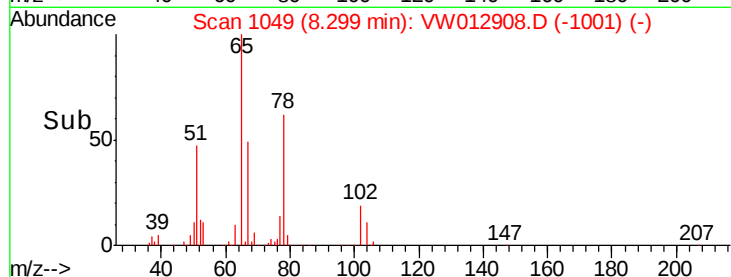
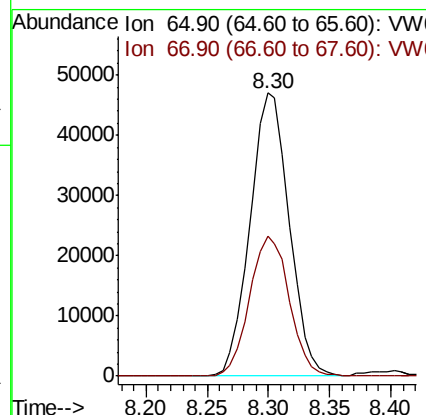
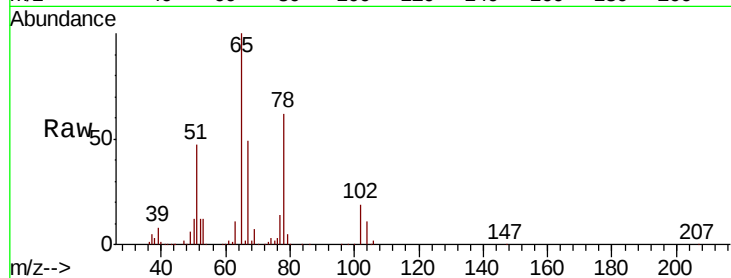




#33
 1,2-Dichloroethane-d4
 Concen: 44.955 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012908.D
 Acq: 11 Sep 2019 11:14

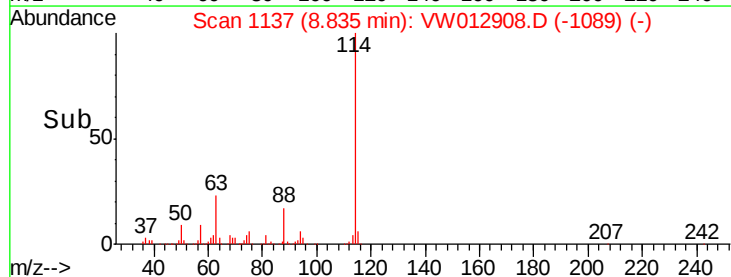
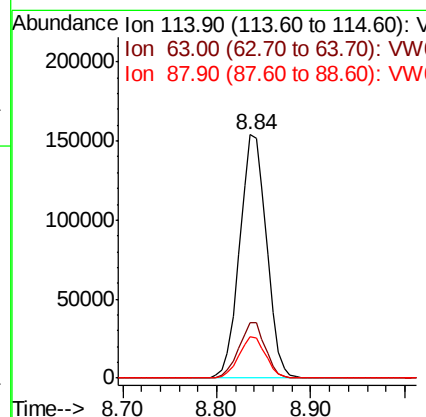
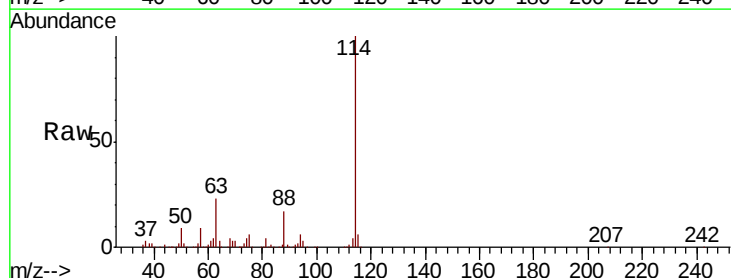
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBS01

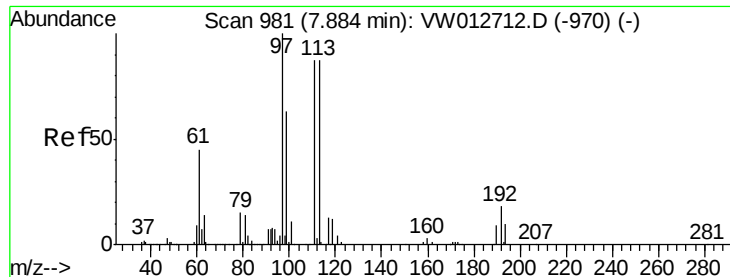
Tgt Ion: 65 Resp: 104719
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW012908.D
 Acq: 11 Sep 2019 11:14

Tgt Ion: 114 Resp: 305530
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 47.2
 88 16.9 0.0 34.0





#35

Dibromofluoromethane

Concen: 49.062 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012908.D

Acq: 11 Sep 2019 11:14

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBS01

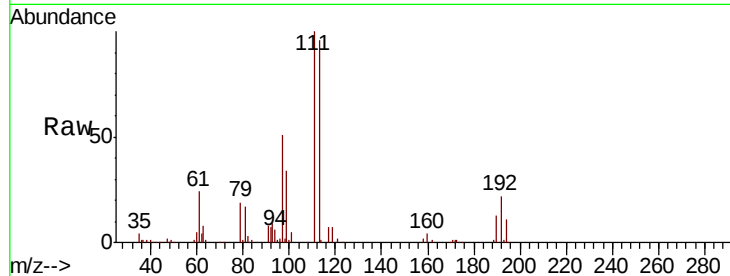
Tgt Ion:113 Resp: 89120

Ion Ratio Lower Upper

113 100

111 100.7 80.2 120.4

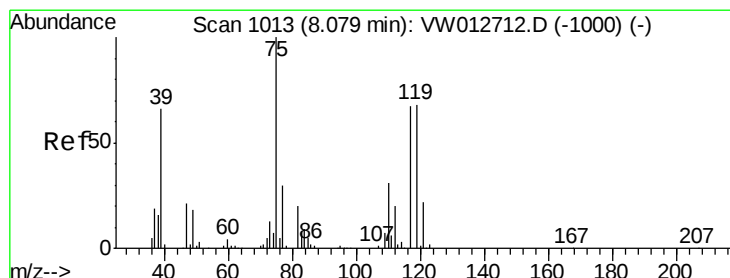
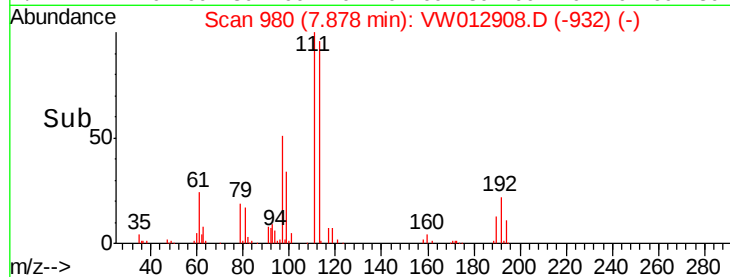
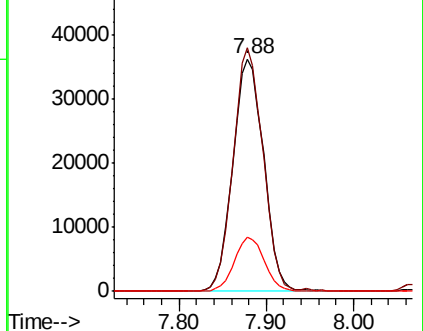
192 22.5 17.3 25.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 21.771 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW012908.D

Acq: 11 Sep 2019 11:14

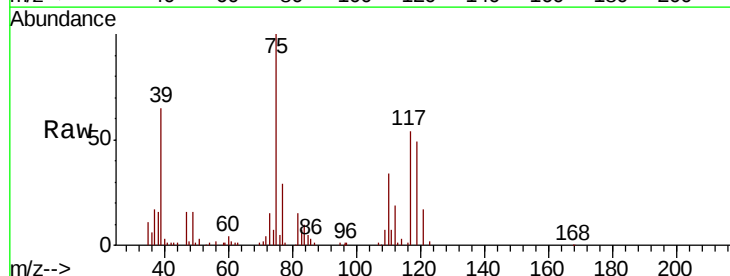
Tgt Ion: 75 Resp: 59103

Ion Ratio Lower Upper

75 100

110 33.1 15.9 47.7

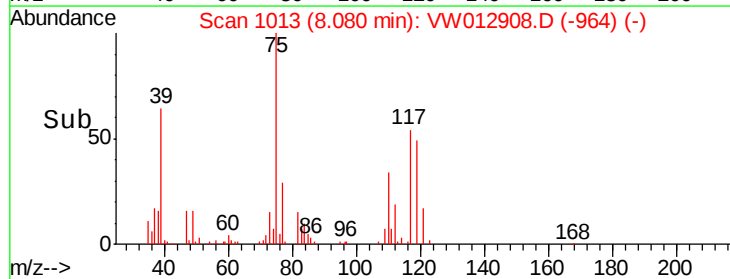
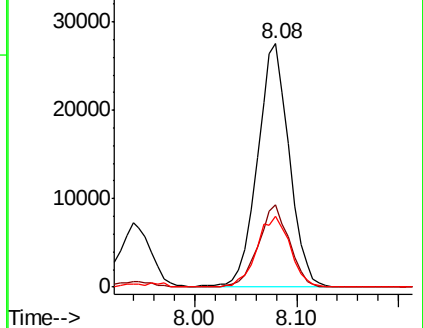
77 30.9 25.0 37.4

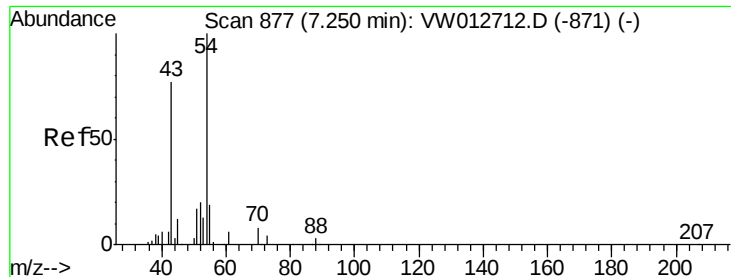


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

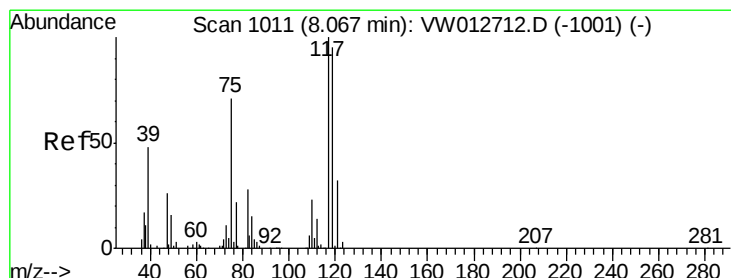
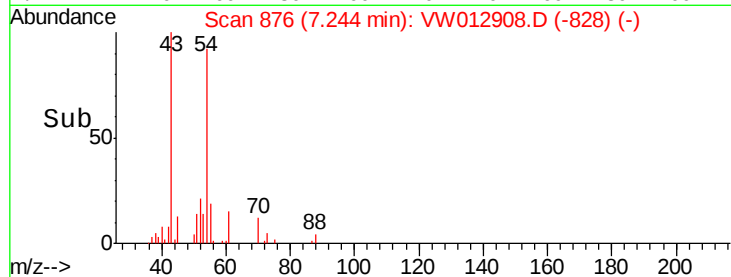
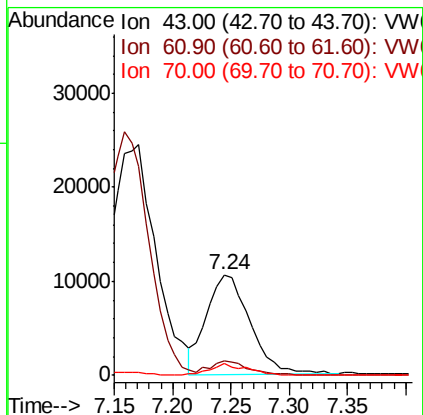
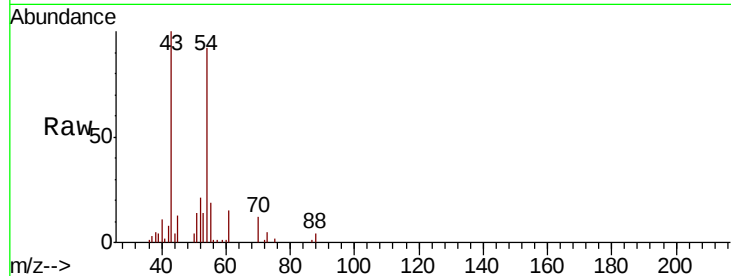




#37
Ethyl Acetate
Concen: 15.827 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: VW012908.D
Acq: 11 Sep 2019 11:14

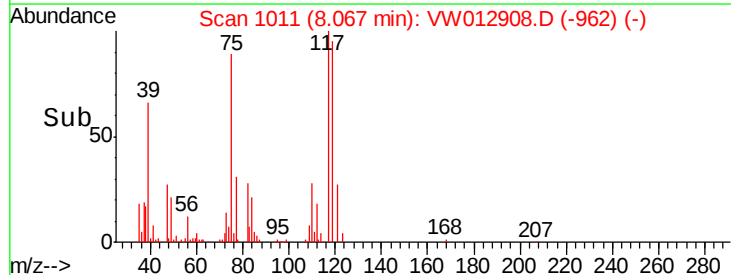
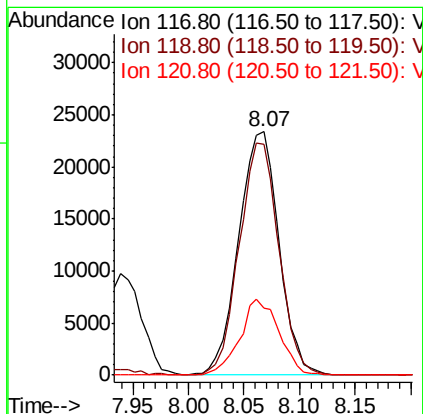
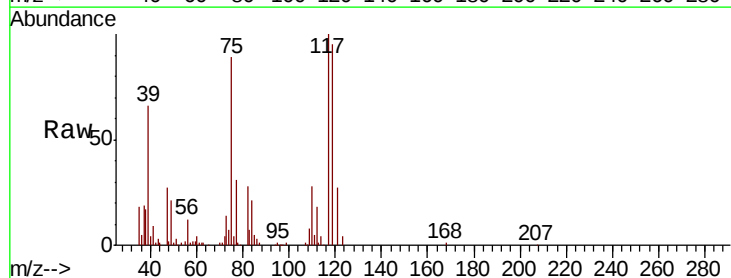
Instrument :
MSVOA_W
ClientSampleId :
VW0911SBS01

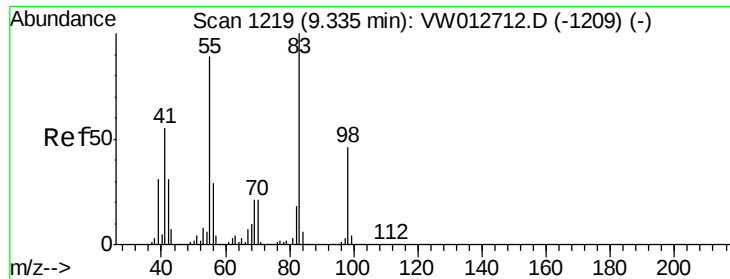
Tgt Ion: 43 Resp: 27389
Ion Ratio Lower Upper
43 100
61 12.8 9.5 14.3
70 10.2 7.0 10.6



#38
Carbon Tetrachloride
Concen: 21.940 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW012908.D
Acq: 11 Sep 2019 11:14

Tgt Ion: 117 Resp: 58713
Ion Ratio Lower Upper
117 100
119 94.7 76.2 114.2
121 27.4 25.4 38.2

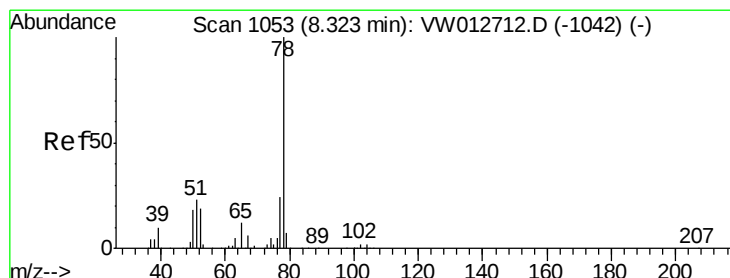
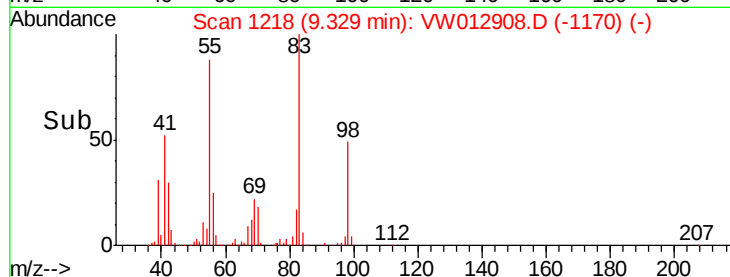
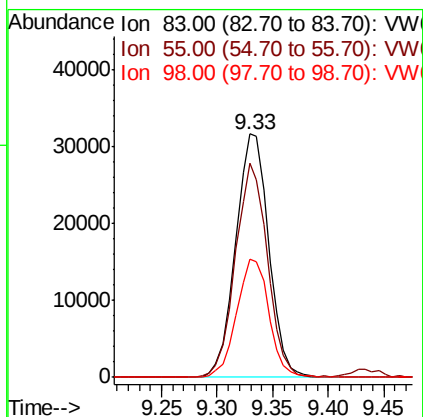
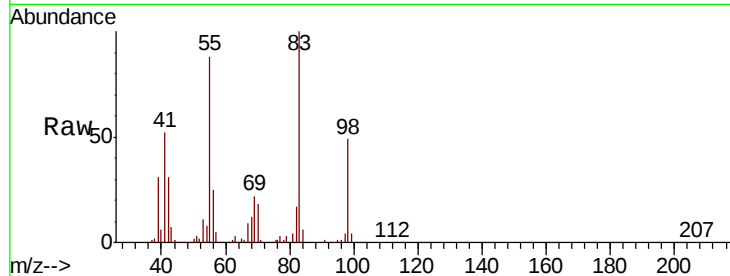




#39
Methylcyclohexane
Concen: 21.384 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW012908.D
Acq: 11 Sep 2019 11:14

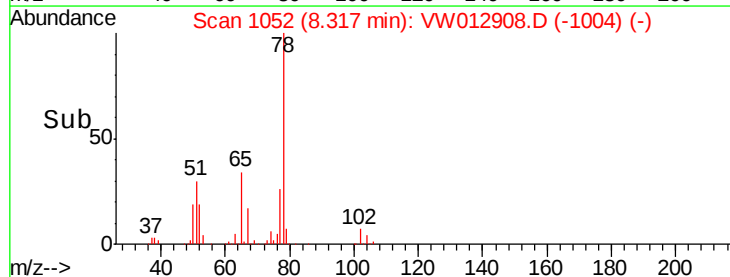
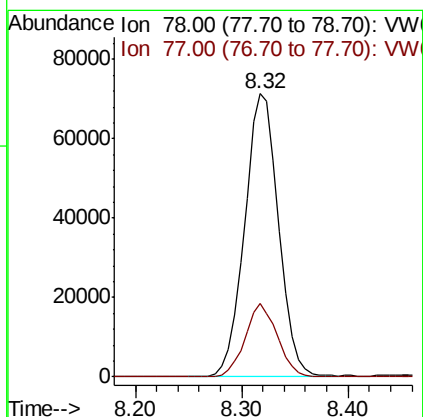
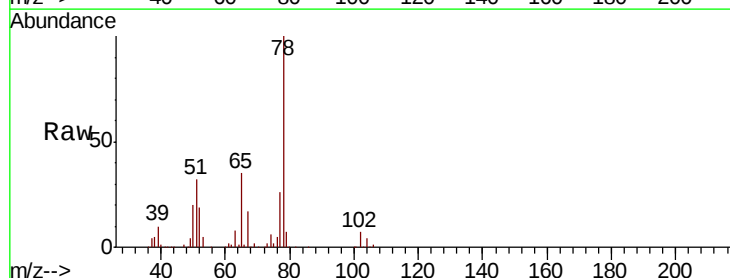
Instrument :
MSVOA_W
ClientSampled :
VW0911SBS01

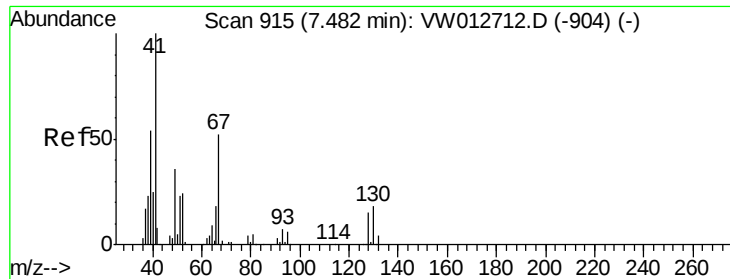
Tgt Ion: 83 Resp: 65199
Ion Ratio Lower Upper
83 100
55 87.8 71.0 106.4
98 48.6 36.9 55.3



#40
Benzene
Concen: 21.190 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW012908.D
Acq: 11 Sep 2019 11:14

Tgt Ion: 78 Resp: 159606
Ion Ratio Lower Upper
78 100
77 26.1 19.3 28.9





#41

Methacrylonitrile

Concen: 18.489 ug/l

RT: 7.48 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW012908.D

Acq: 11 Sep 2019 11:14

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBS01

Tgt Ion: 41 Resp: 18668

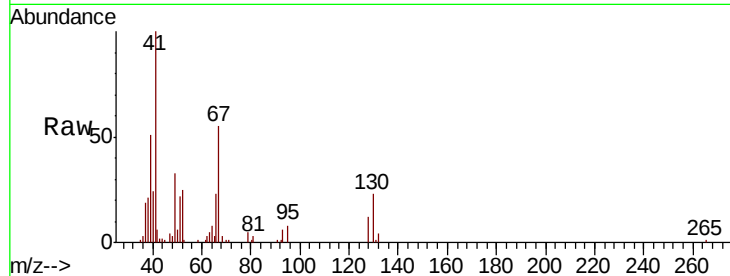
Ion Ratio Lower Upper

41 100

39 57.8 47.5 71.3

67 56.2 45.1 67.7

52 28.5 20.2 30.2

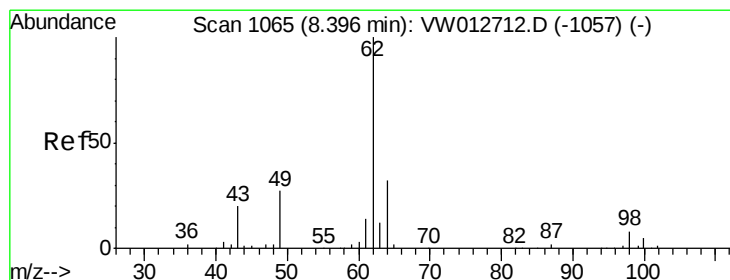
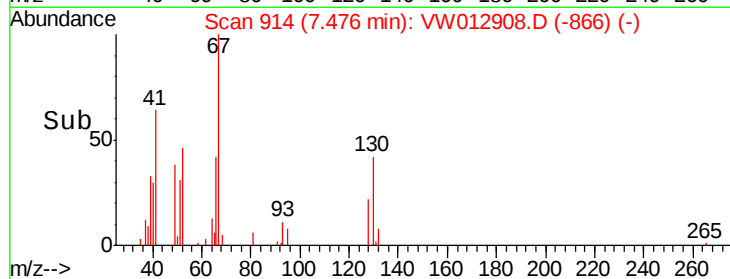
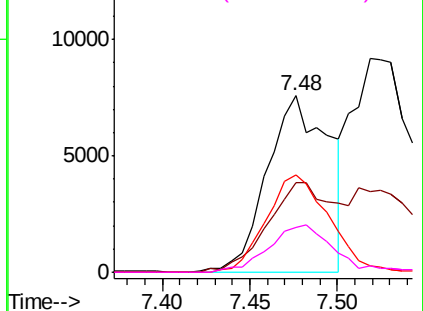


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 20.118 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW012908.D

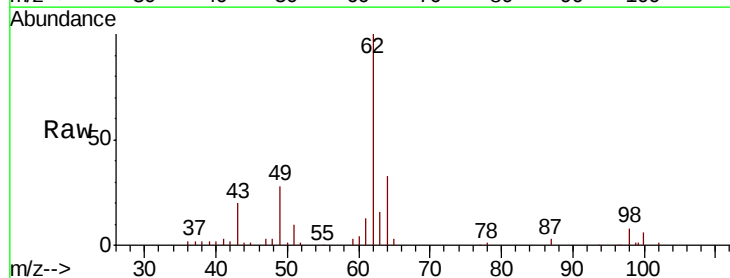
Acq: 11 Sep 2019 11:14

Tgt Ion: 62 Resp: 53330

Ion Ratio Lower Upper

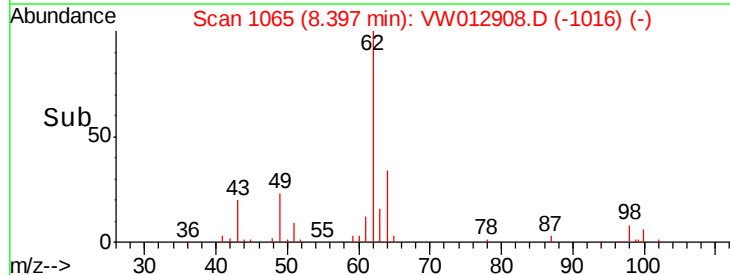
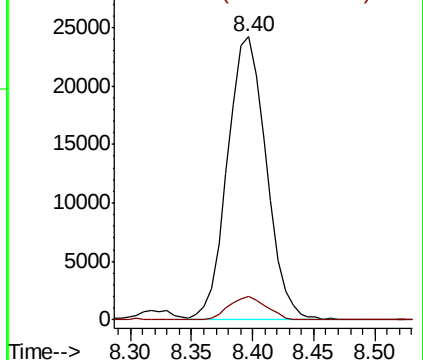
62 100

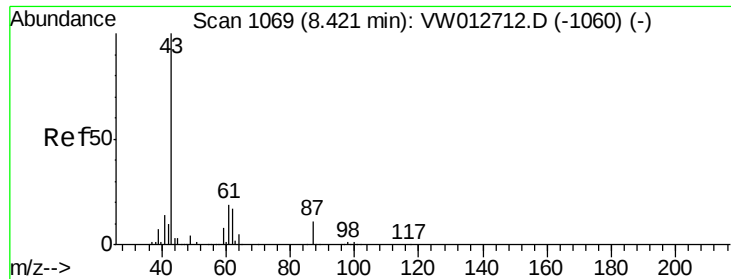
98 8.0 0.0 16.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

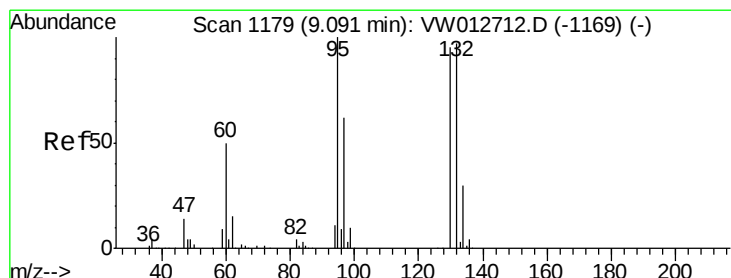
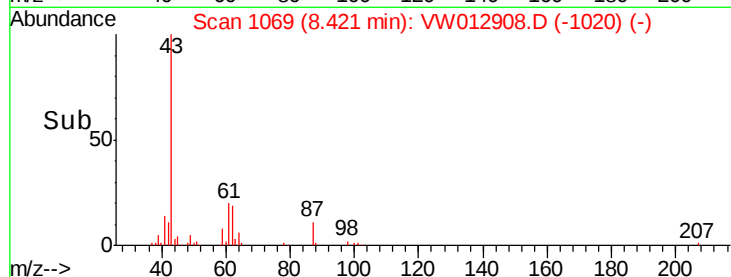
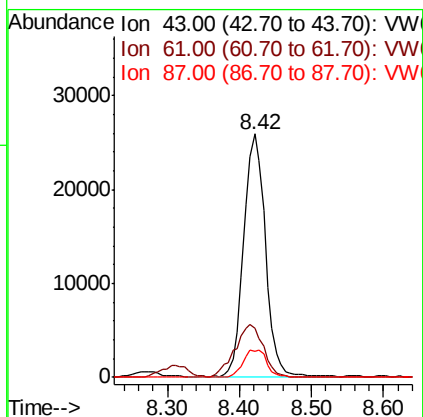
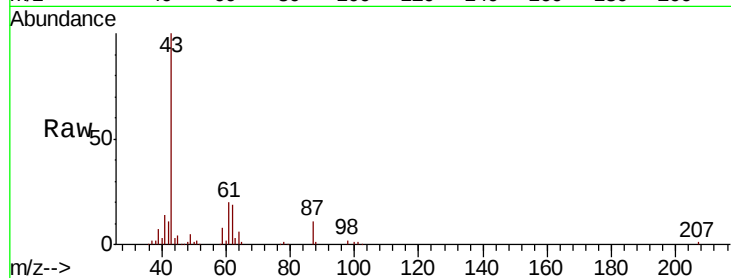




#43
Isopropyl Acetate
Concen: 16.554 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VW012908.D
Acq: 11 Sep 2019 11:14

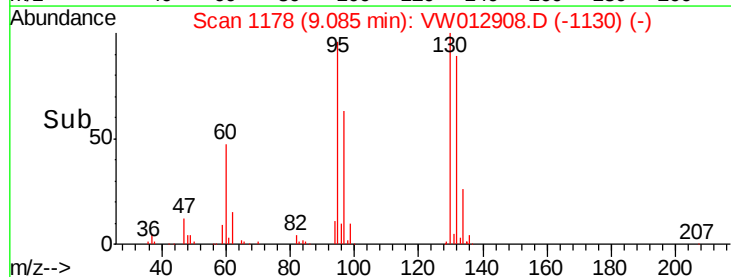
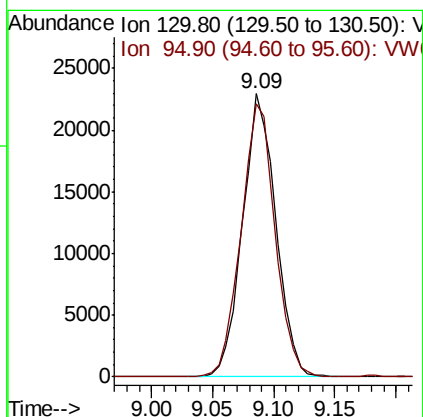
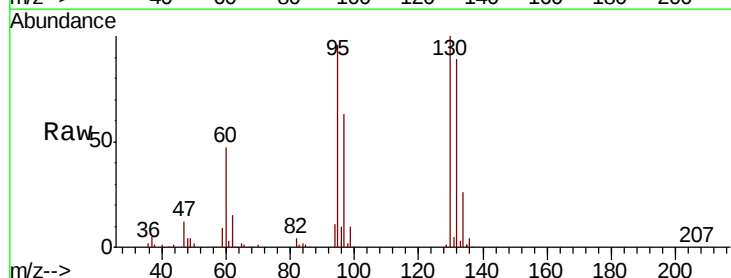
Instrument :
MSVOA_W
ClientSampleId :
VW0911SBS01

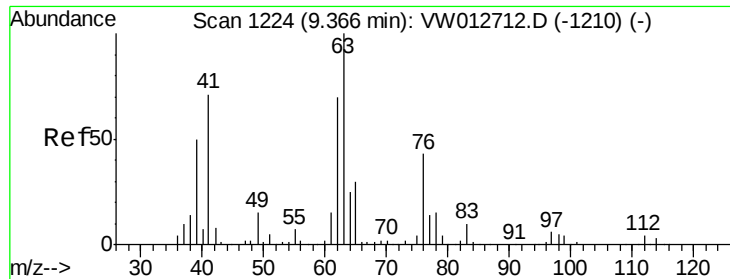
Tgt Ion: 43 Resp: 54275
Ion Ratio Lower Upper
43 100
61 28.3 20.6 30.8
87 12.0 8.6 13.0



#44
Trichloroethene
Concen: 22.310 ug/l
RT: 9.09 min Scan# 1178
Delta R.T. -0.01 min
Lab File: VW012908.D
Acq: 11 Sep 2019 11:14

Tgt Ion: 130 Resp: 43315
Ion Ratio Lower Upper
130 100
95 96.4 0.0 210.6





#45

1,2-Dichloropropane

Concen: 20.094 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW012908.D

Acq: 11 Sep 2019 11:14

Instrument :

MSVOA_W

ClientSampleId :

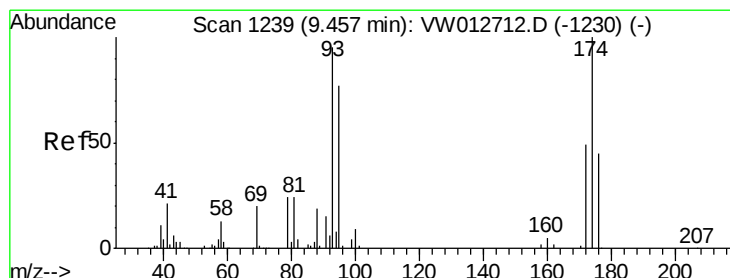
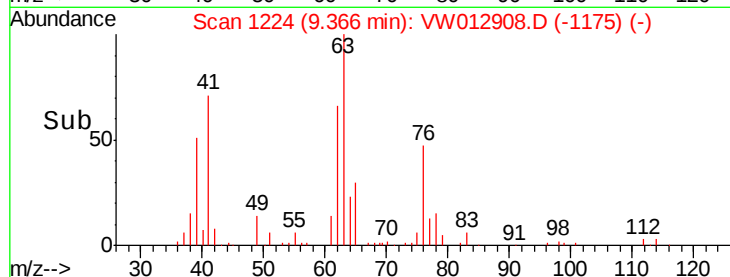
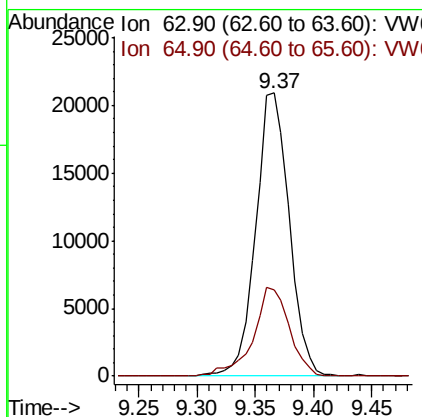
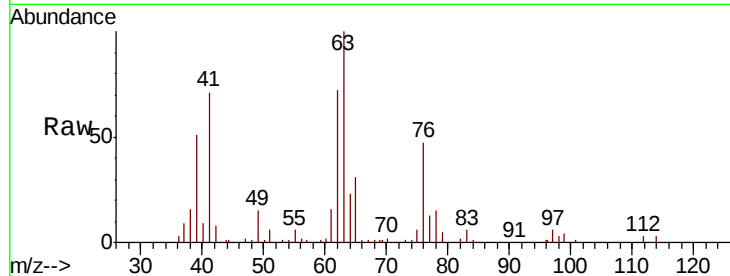
VW0911SBS01

Tgt Ion: 63 Resp: 41976

Ion Ratio Lower Upper

63 100

65 30.5 23.8 35.8



#46

Dibromomethane

Concen: 19.794 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW012908.D

Acq: 11 Sep 2019 11:14

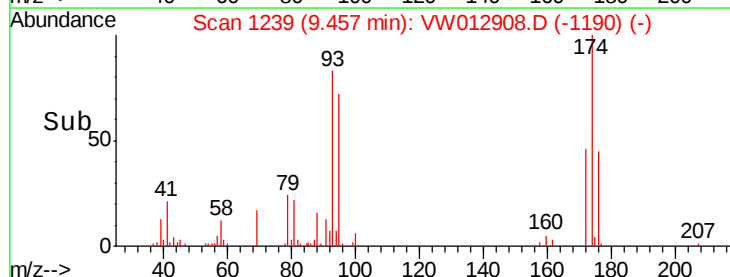
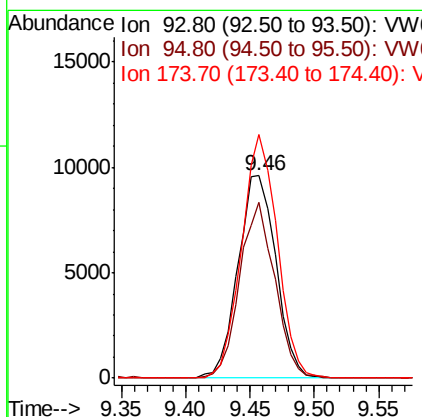
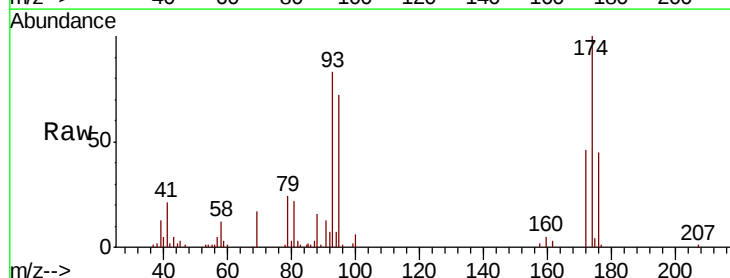
Tgt Ion: 93 Resp: 19581

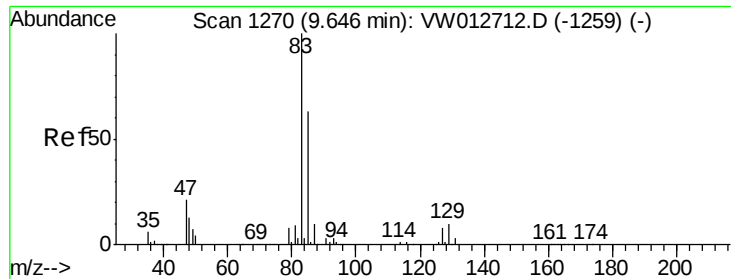
Ion Ratio Lower Upper

93 100

95 80.3 65.2 97.8

174 112.8 84.2 126.4

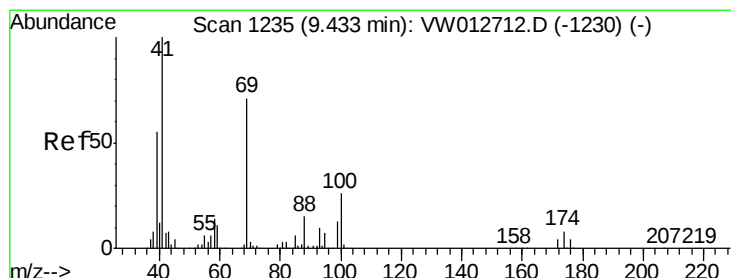
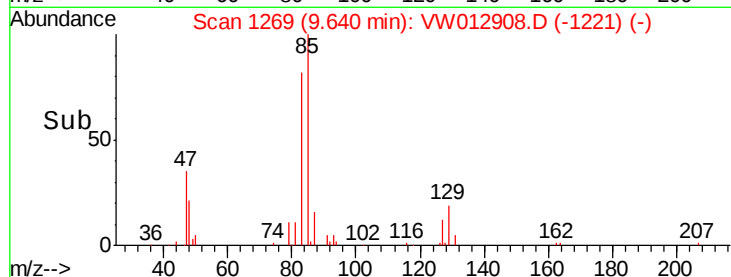
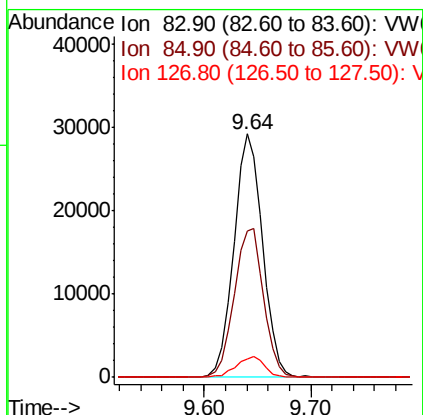
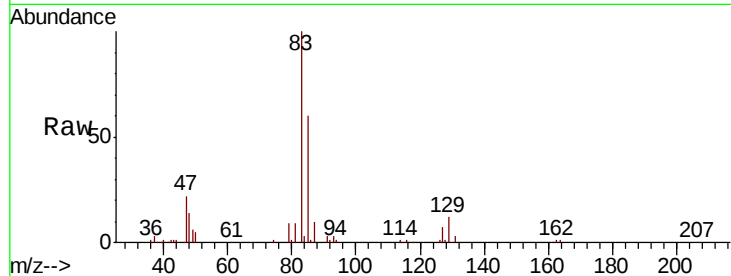




#47
 Bromodichloromethane
 Concen: 20.272 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VW012908.D
 Acq: 11 Sep 2019 11:14

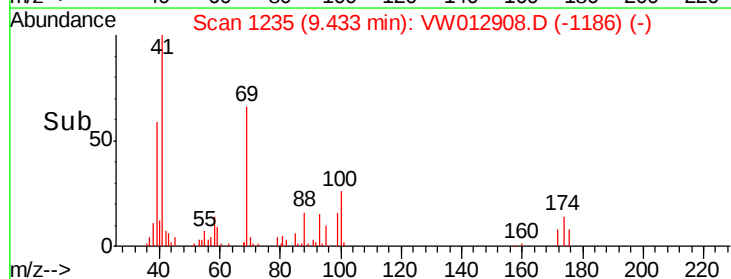
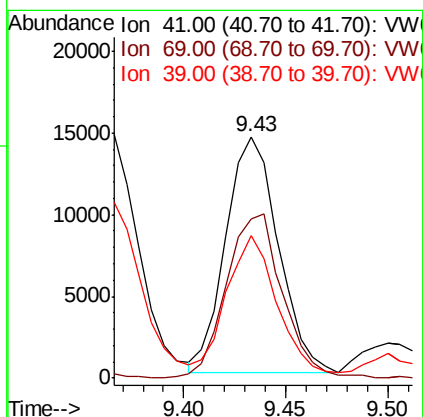
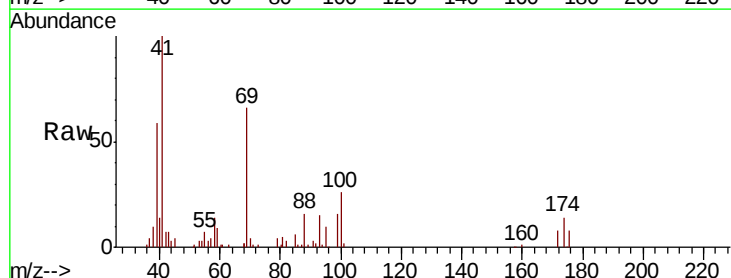
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBS01

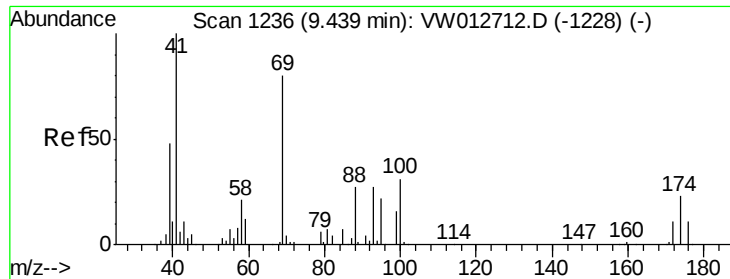
Tgt Ion: 83 Resp: 55172
 Ion Ratio Lower Upper
 83 100
 85 60.3 50.2 75.2
 127 7.3 6.6 9.8



#48
 Methyl methacrylate
 Concen: 16.531 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VW012908.D
 Acq: 11 Sep 2019 11:14

Tgt Ion: 41 Resp: 25901
 Ion Ratio Lower Upper
 41 100
 69 74.4 59.8 89.8
 39 59.5 47.0 70.6

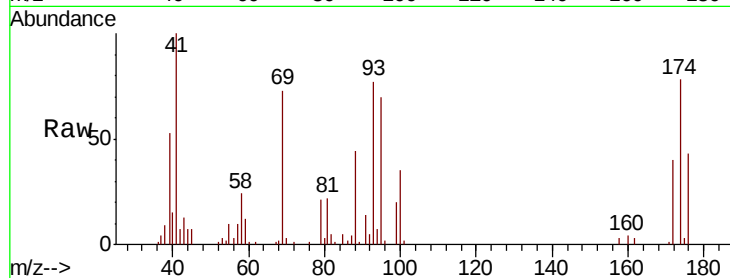




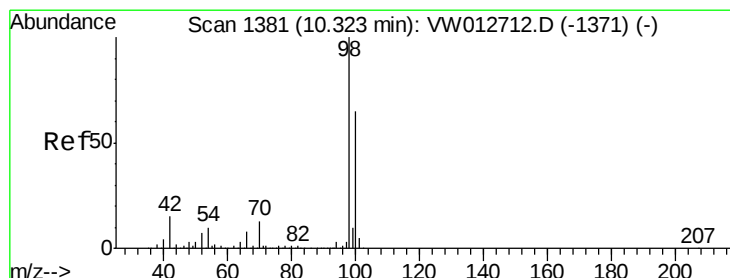
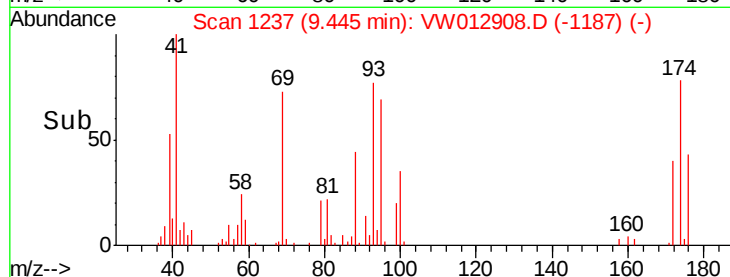
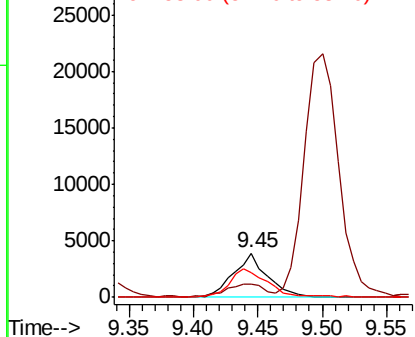
#49
1,4-Dioxane
Concen: 364.376 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VW012908.D
Acq: 11 Sep 2019 11:14

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBS01

Tgt Ion: 88 Resp: 7120
Ion Ratio Lower Upper
88 100
43 32.5 34.8 52.2#
58 71.8 64.1 96.1

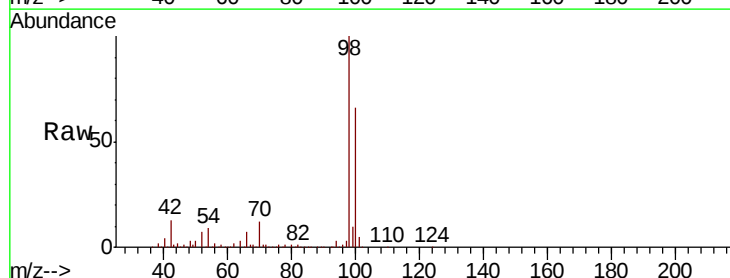


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

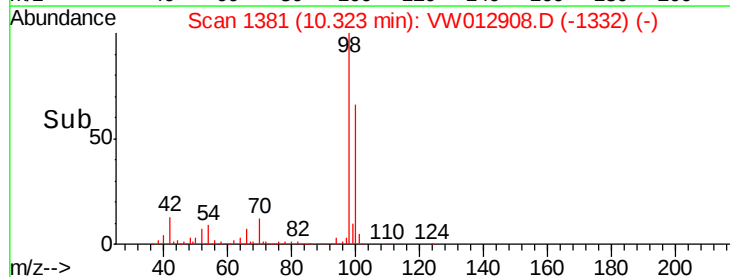
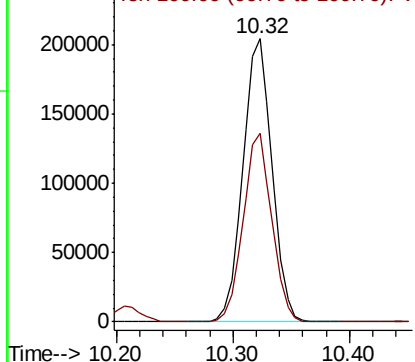


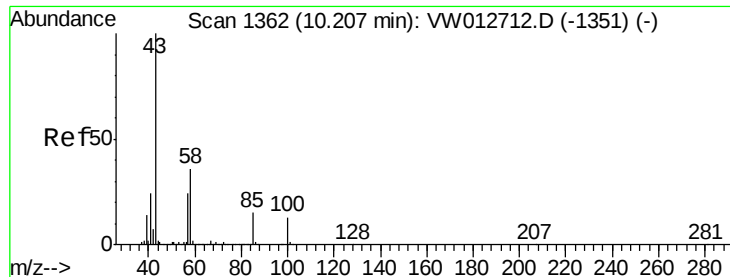
#50
Toluene-d8
Concen: 49.957 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012908.D
Acq: 11 Sep 2019 11:14

Tgt Ion: 98 Resp: 355516
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.4



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

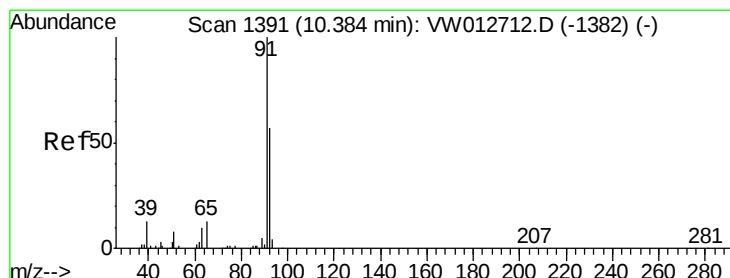
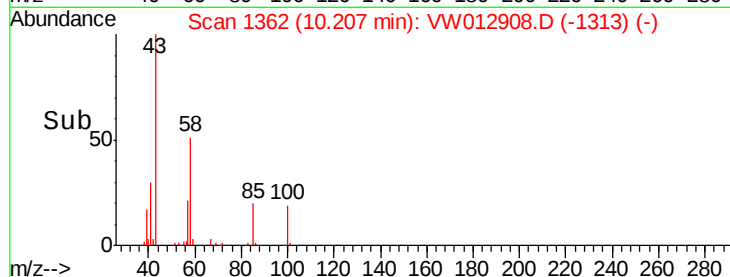
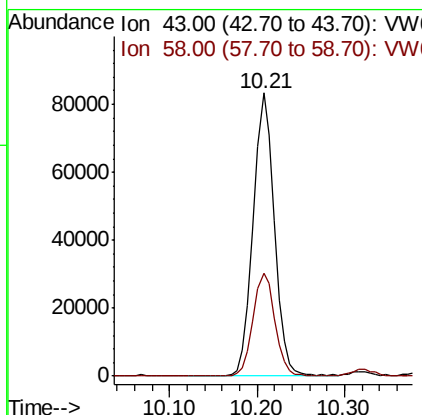
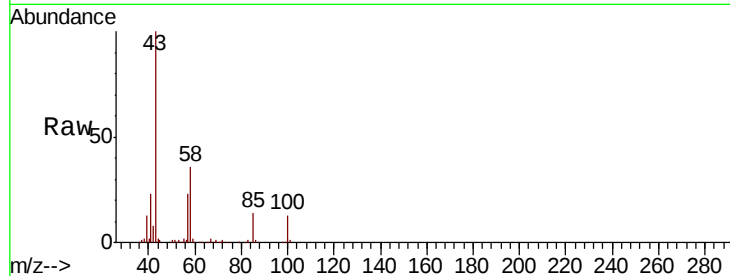




#51
 4-Methyl-2-Pentanone
 Concen: 81.543 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW012908.D
 Acq: 11 Sep 2019 11:14

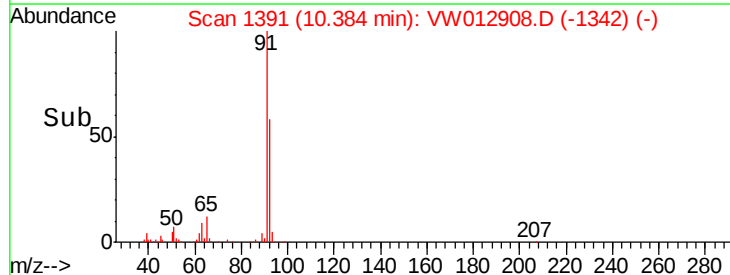
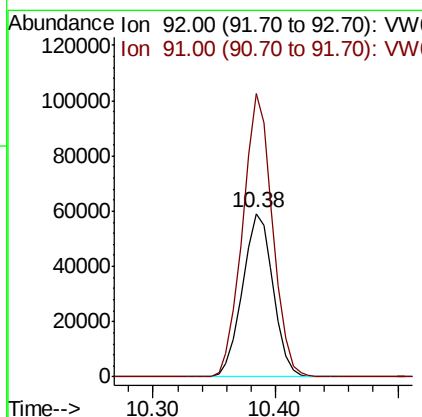
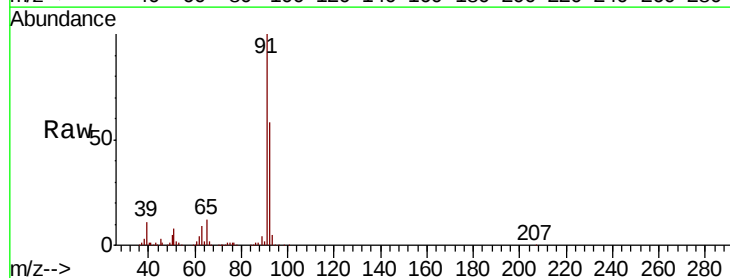
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBS01

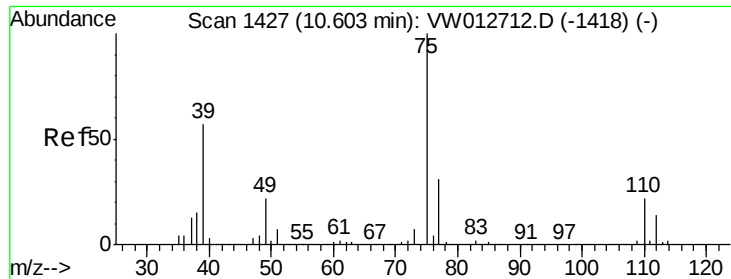
Tgt Ion: 43 Resp: 140286
 Ion Ratio Lower Upper
 43 100
 58 37.6 28.4 42.6



#52
 Toluene
 Concen: 21.855 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW012908.D
 Acq: 11 Sep 2019 11:14

Tgt Ion: 92 Resp: 102740
 Ion Ratio Lower Upper
 92 100
 91 168.7 137.0 205.4

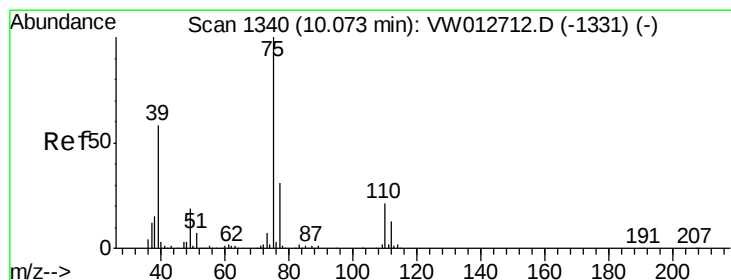
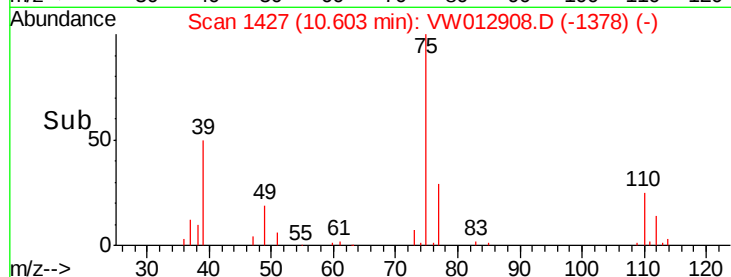
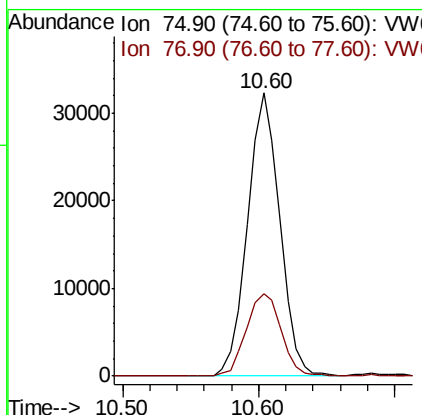
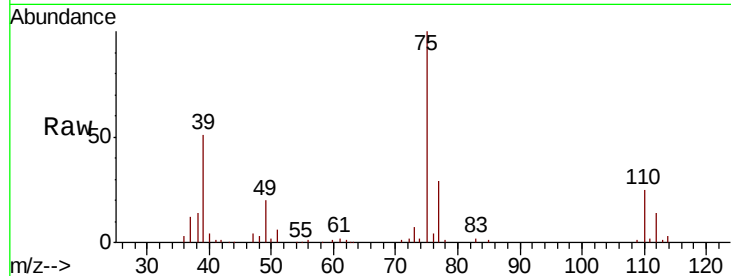




#53
 t-1,3-Dichloropropene
 Concen: 19.214 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: VW012908.D
 Acq: 11 Sep 2019 11:14

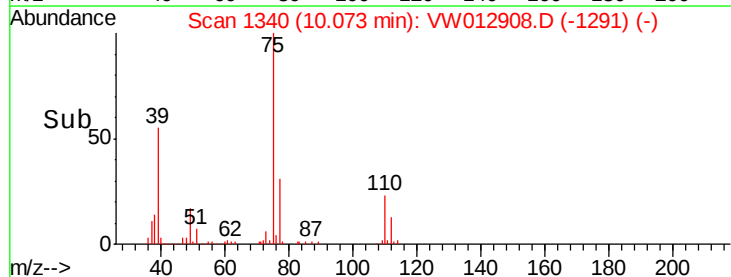
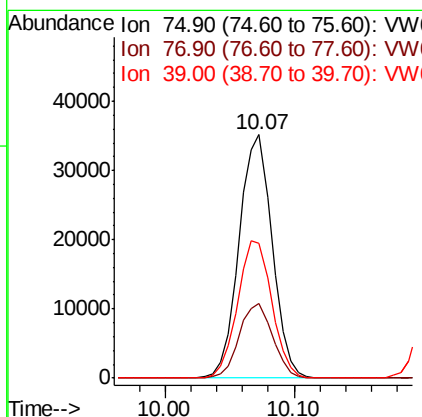
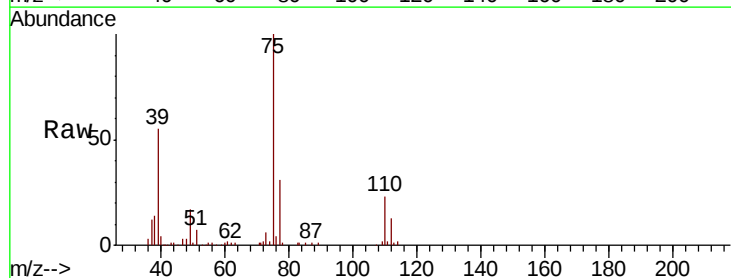
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBS01

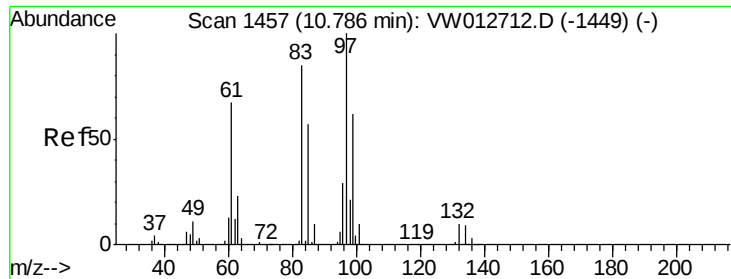
Tgt Ion: 75 Resp: 53772
 Ion Ratio Lower Upper
 75 100
 77 29.0 24.7 37.1



#54
 cis-1,3-Dichloropropene
 Concen: 19.622 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW012908.D
 Acq: 11 Sep 2019 11:14

Tgt Ion: 75 Resp: 62293
 Ion Ratio Lower Upper
 75 100
 77 30.5 24.6 36.8
 39 55.3 46.3 69.5

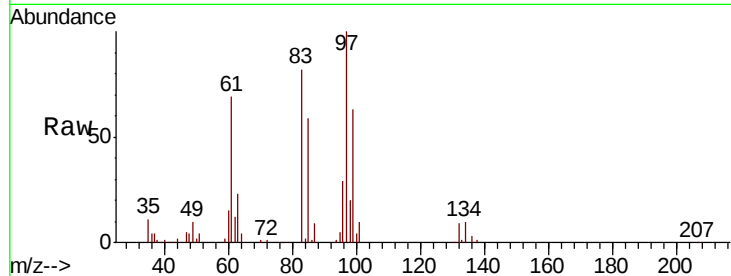




#55
 1,1,2-Trichloroethane
 Concen: 19.765 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW012908.D
 Acq: 11 Sep 2019 11:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBS01

Tgt Ion:	97	Resp:	29272
Ion	Ratio	Lower	Upper
97	100		
83	82.4	68.1	102.1
85	58.8	45.3	67.9
99	63.2	50.0	75.0



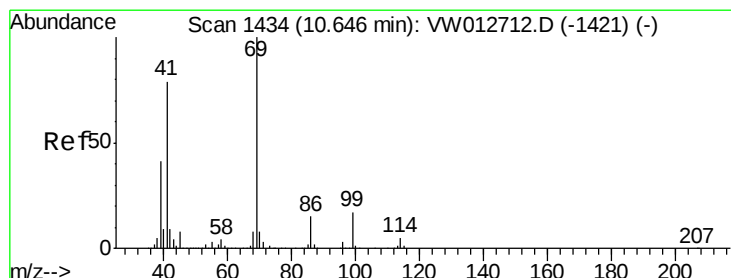
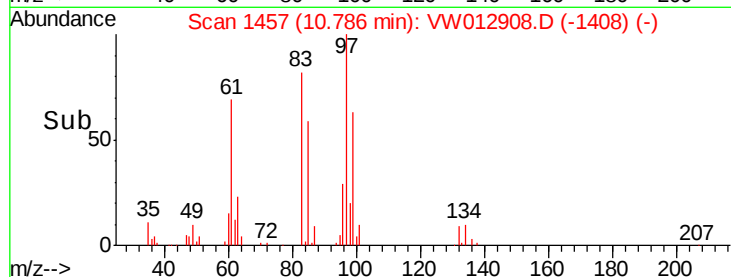
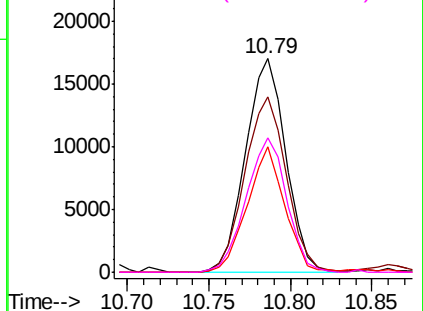
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

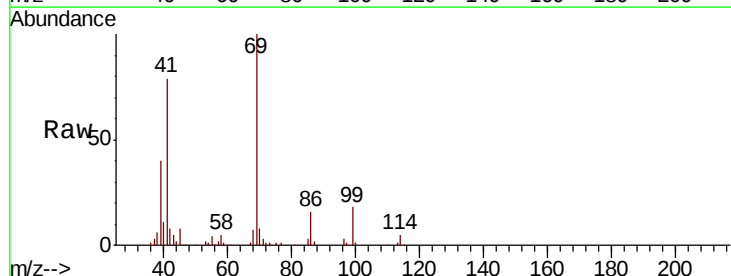
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 17.654 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW012908.D
 Acq: 11 Sep 2019 11:14

Tgt Ion:	69	Resp:	38272
Ion	Ratio	Lower	Upper
69	100		
41	80.1	64.4	96.6
39	36.1	31.1	46.7

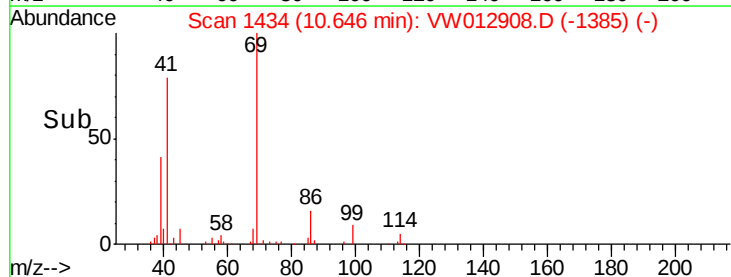
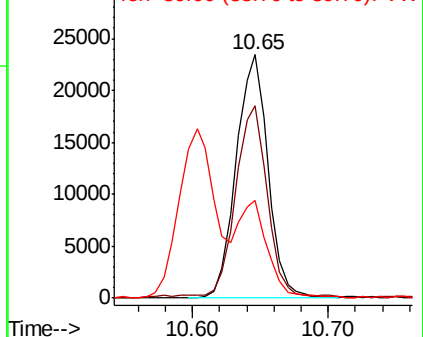


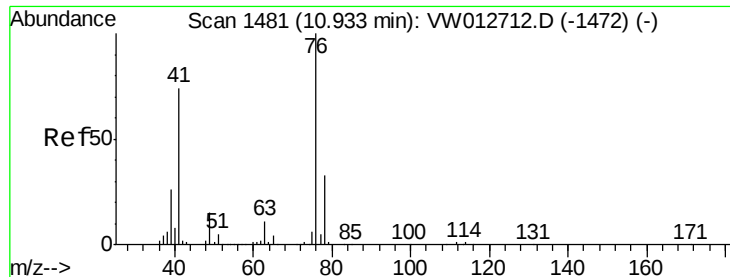
Abundance

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

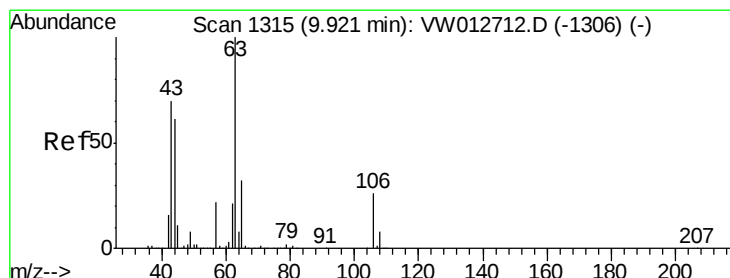
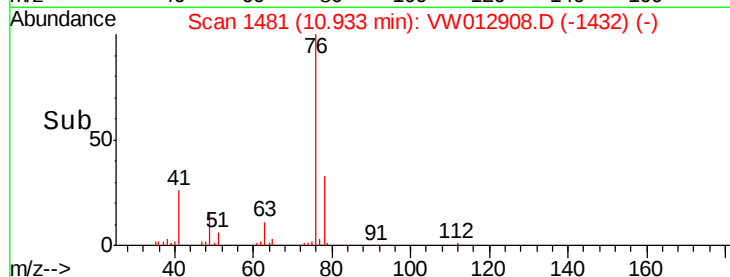
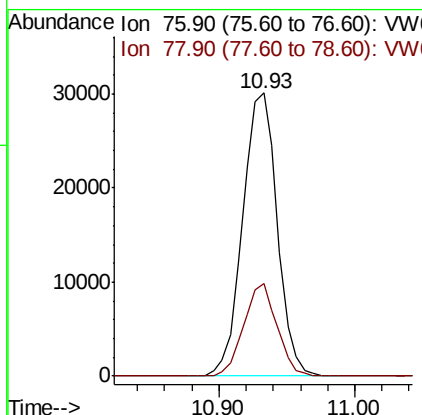
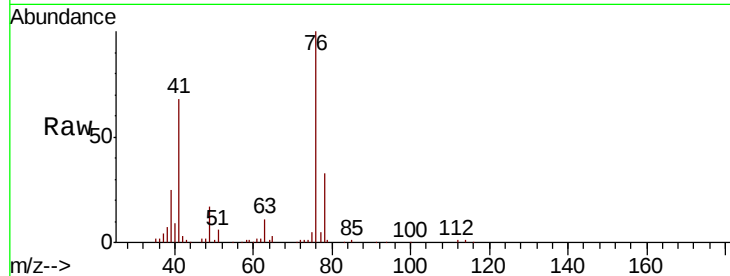




#57
 1,3-Dichloropropane
 Concen: 19.534 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW012908.D
 Acq: 11 Sep 2019 11:14

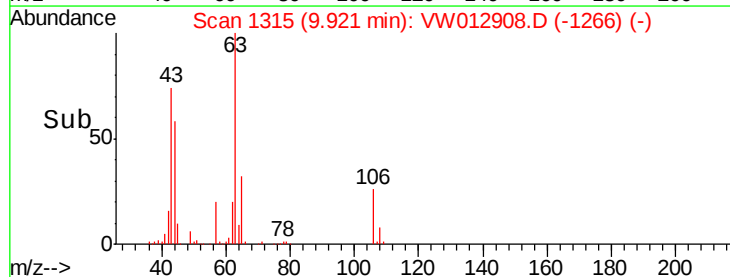
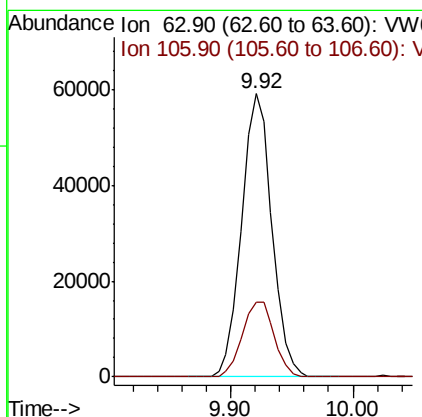
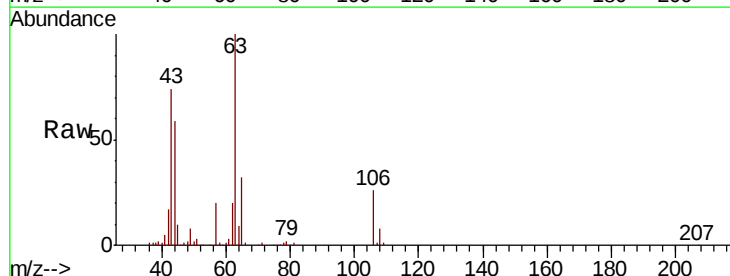
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBS01

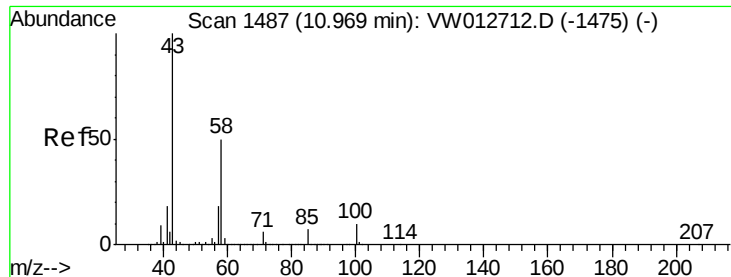
Tgt Ion: 76 Resp: 53520
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 88.127 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW012908.D
 Acq: 11 Sep 2019 11:14

Tgt Ion: 63 Resp: 101425
 Ion Ratio Lower Upper
 63 100
 106 27.9 20.5 30.7

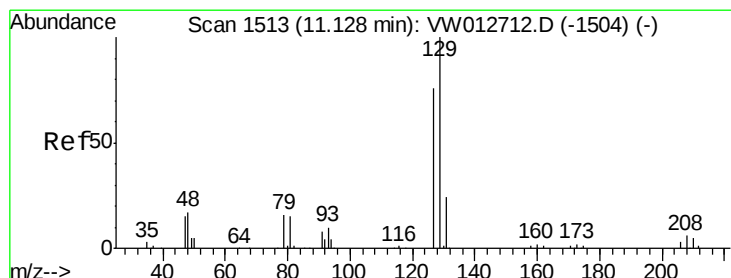
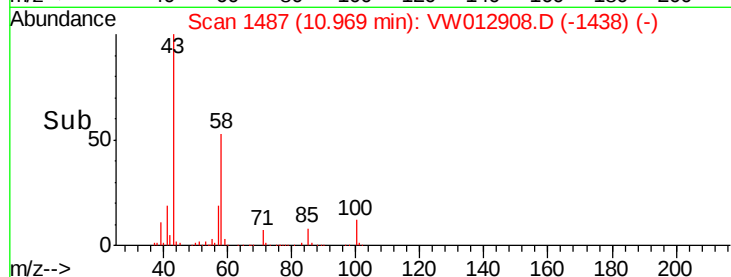
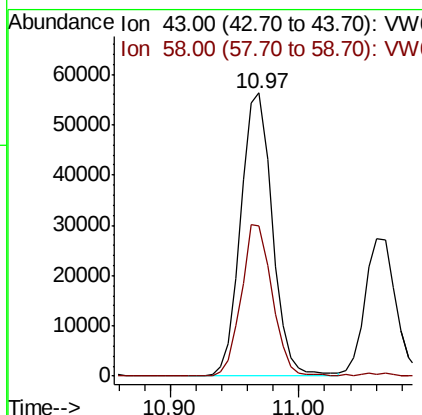
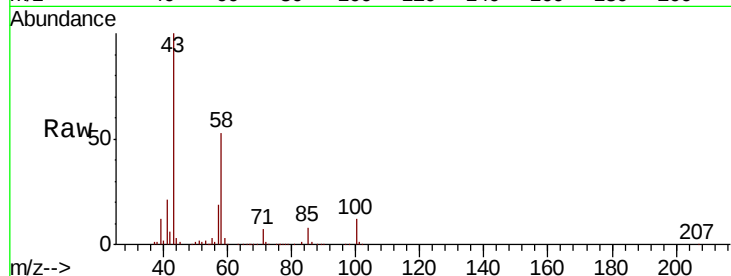




#59
2-Hexanone
Concen: 76.340 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW012908.D
Acq: 11 Sep 2019 11:14

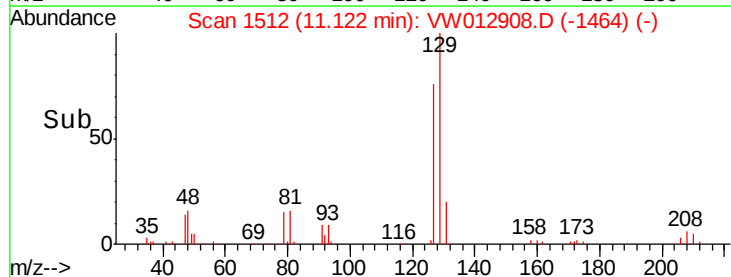
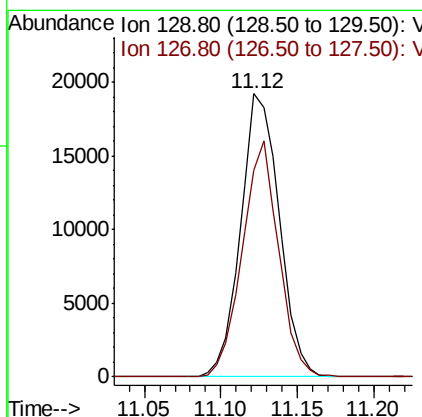
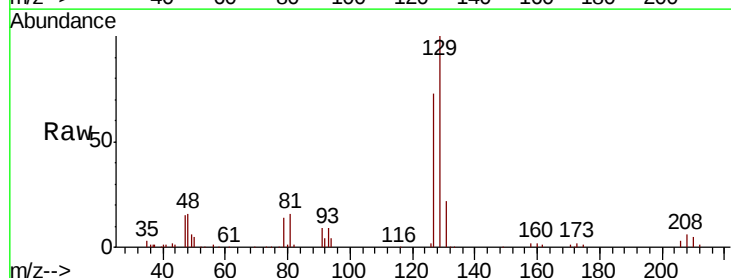
Instrument :
MSVOA_W
ClientSampleId :
VW0911SBS01

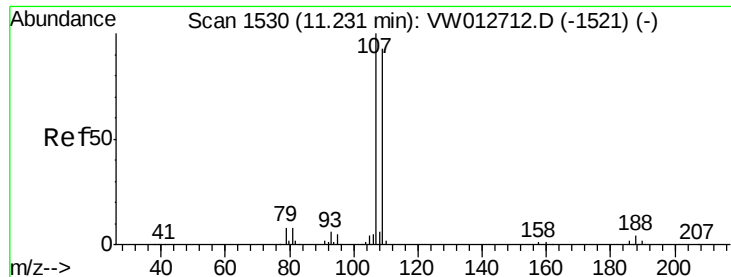
Tgt Ion: 43 Resp: 95952
Ion Ratio Lower Upper
43 100
58 52.2 24.7 74.1



#60
Dibromochloromethane
Concen: 19.372 ug/l
RT: 11.12 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VW012908.D
Acq: 11 Sep 2019 11:14

Tgt Ion: 129 Resp: 33742
Ion Ratio Lower Upper
129 100
127 78.4 38.6 115.8

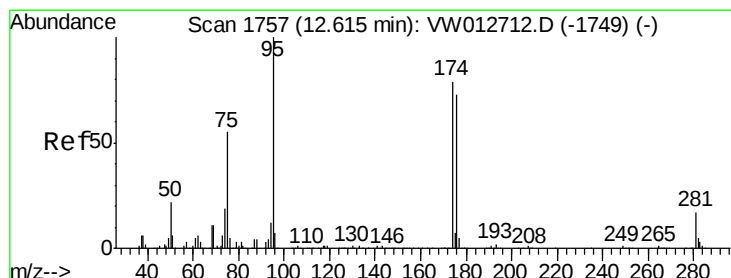
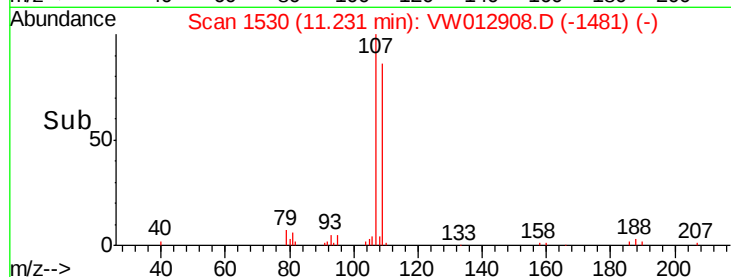
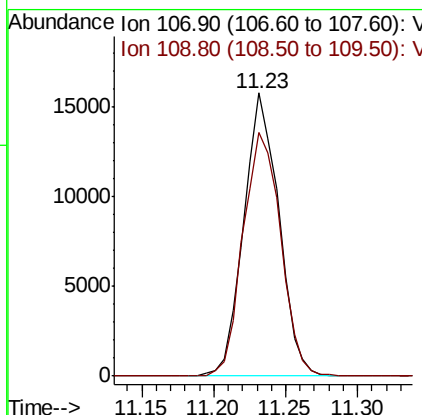
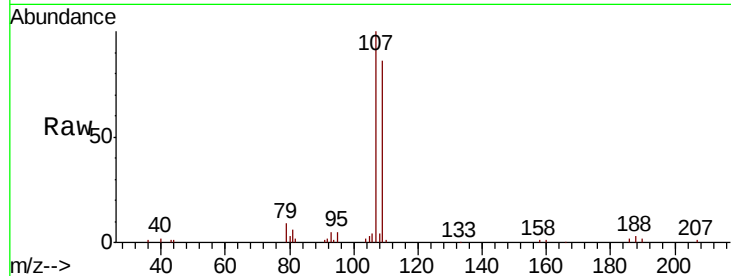




#61
 1,2-Dibromoethane
 Concen: 19.553 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW012908.D
 Acq: 11 Sep 2019 11:14

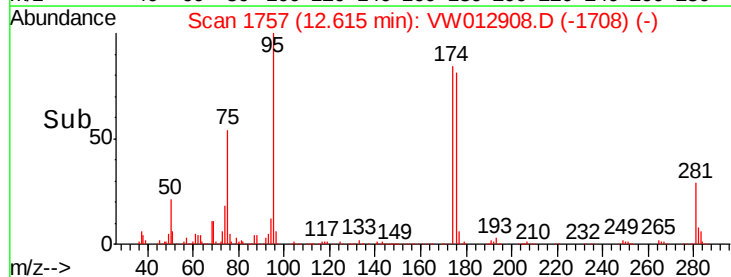
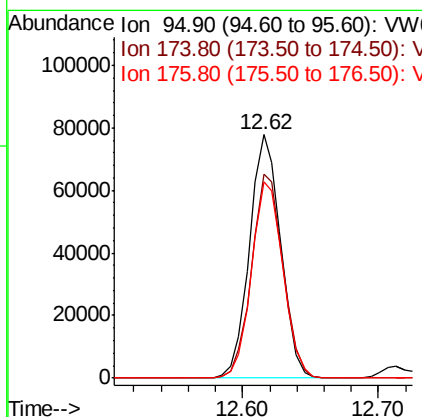
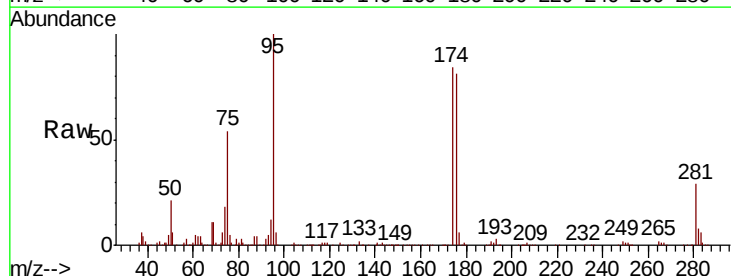
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBS01

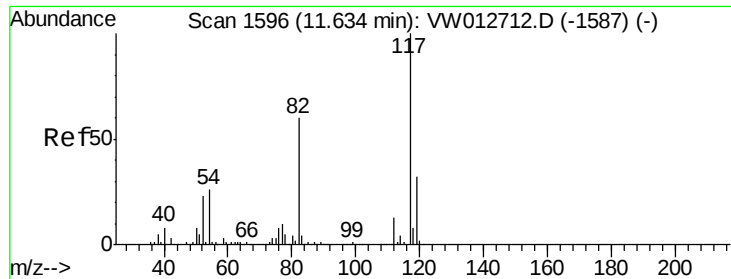
Tgt Ion: 107 Resp: 26549
 Ion Ratio Lower Upper
 107 100
 109 92.8 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 48.352 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW012908.D
 Acq: 11 Sep 2019 11:14

Tgt Ion: 95 Resp: 124918
 Ion Ratio Lower Upper
 95 100
 174 84.7 0.0 161.0
 176 81.8 0.0 156.4

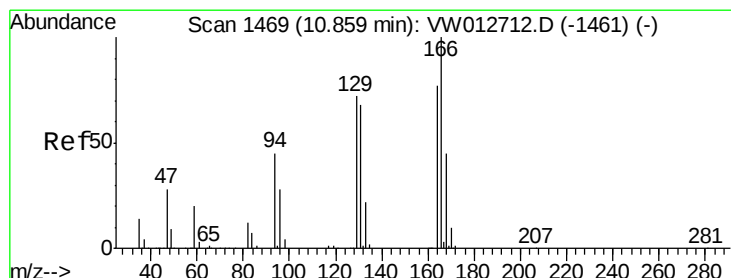
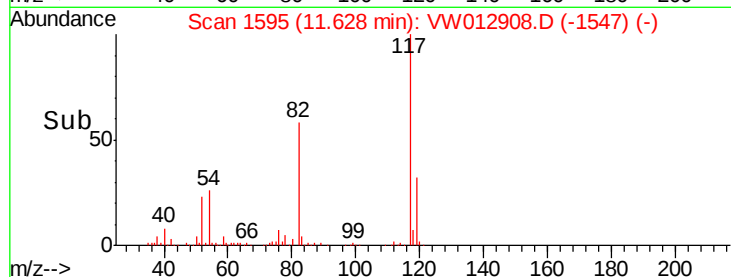
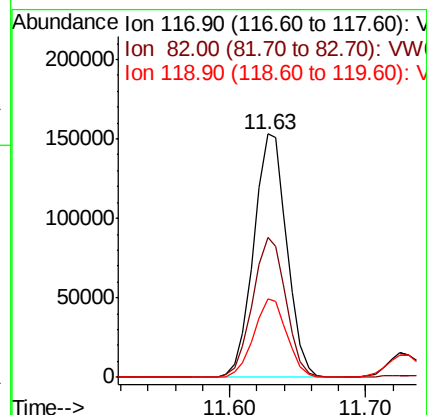
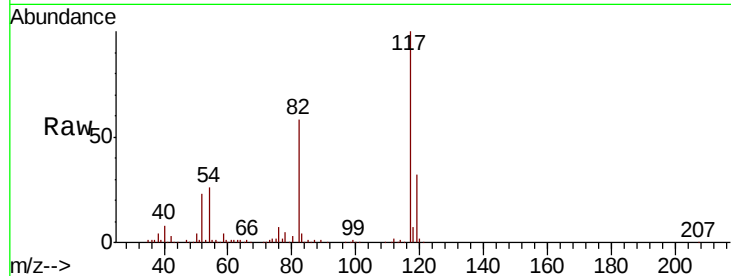




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012908.D
Acq: 11 Sep 2019 11:14

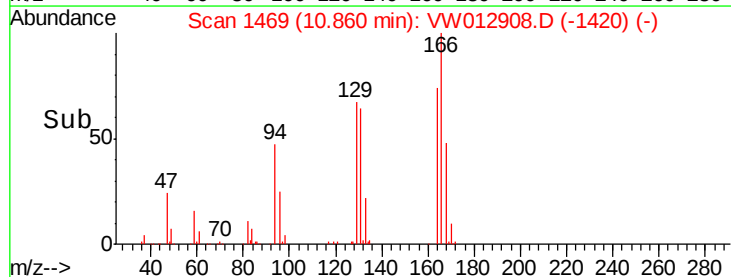
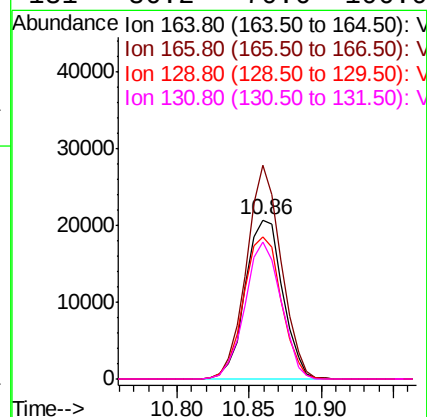
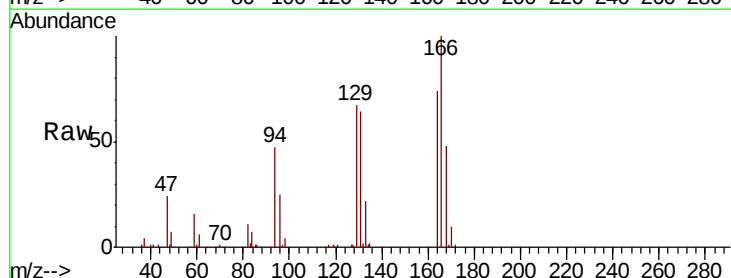
Instrument :
MSVOA_W
ClientSampleId :
VW0911SBS01

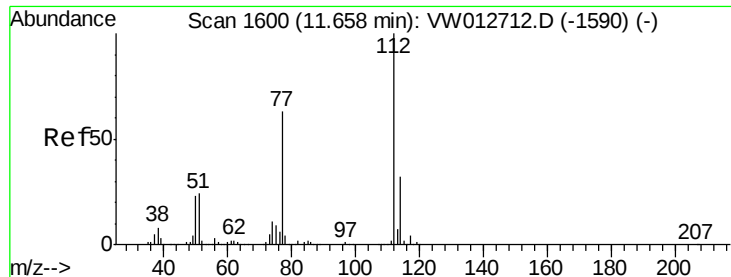
Tgt Ion:117 Resp: 261692
Ion Ratio Lower Upper
117 100
82 57.7 48.2 72.4
119 32.1 25.8 38.6



#64
Tetrachloroethene
Concen: 23.449 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW012908.D
Acq: 11 Sep 2019 11:14

Tgt Ion:164 Resp: 37235
Ion Ratio Lower Upper
164 100
166 134.3 103.6 155.4
129 89.6 74.6 112.0
131 86.2 70.6 106.0

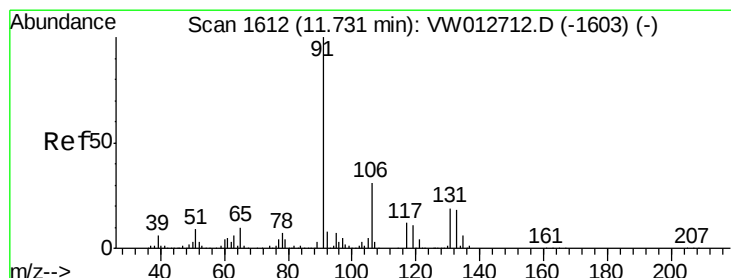
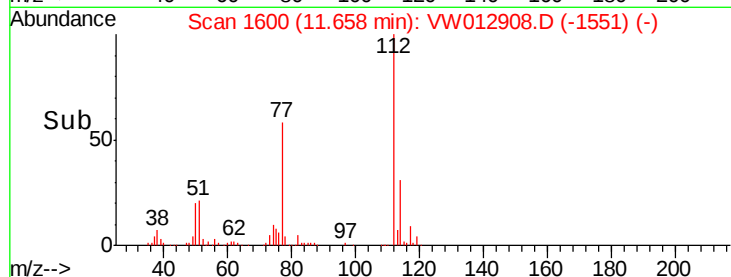
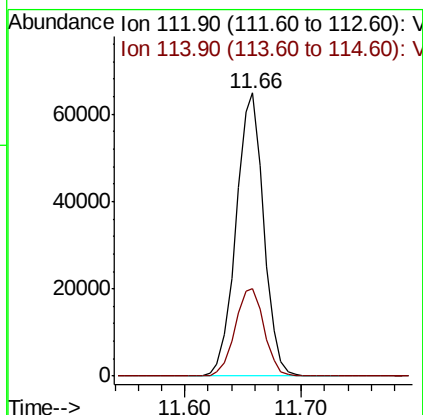
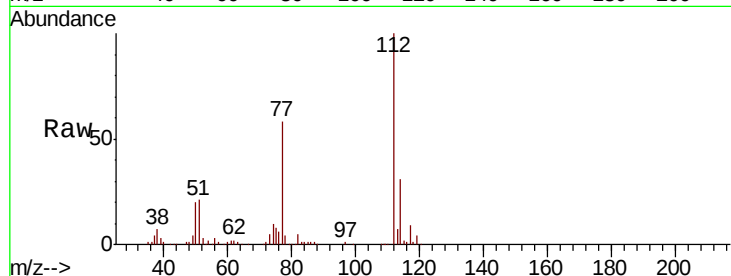




#65
Chlorobenzene
Concen: 21.634 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW012908.D
Acq: 11 Sep 2019 11:14

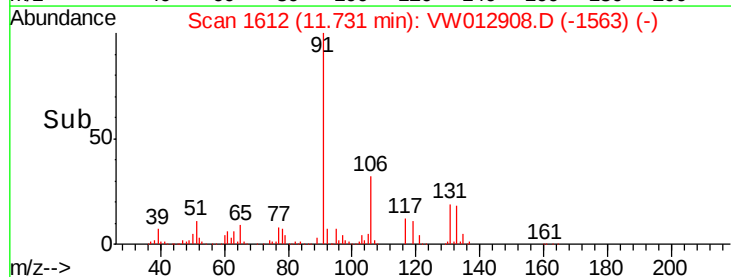
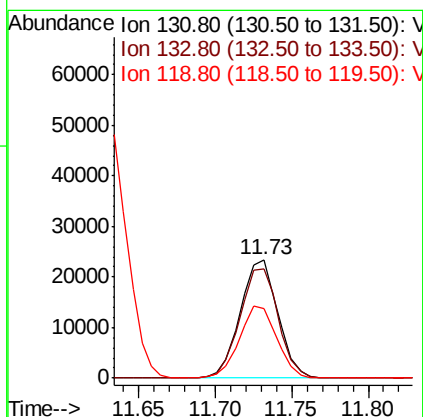
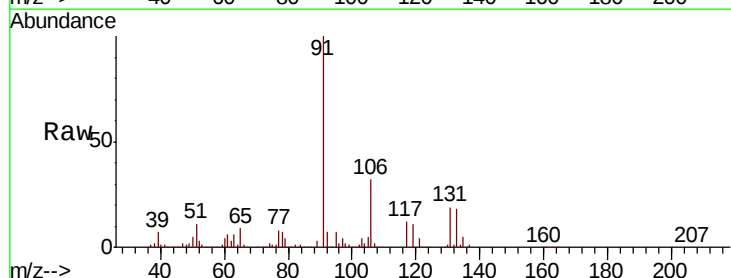
Instrument :
MSVOA_W
ClientSampleId :
VW0911SBS01

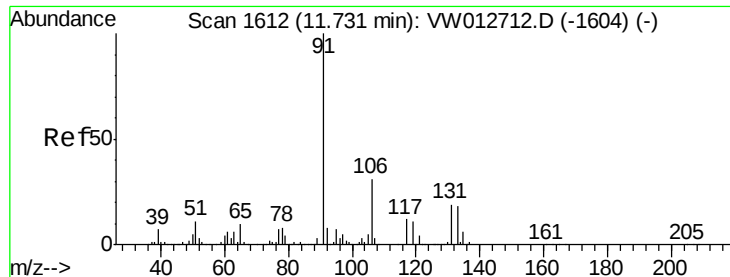
Tgt Ion:112 Resp: 107003
Ion Ratio Lower Upper
112 100
114 30.9 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 21.679 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012908.D
Acq: 11 Sep 2019 11:14

Tgt Ion:131 Resp: 39932
Ion Ratio Lower Upper
131 100
133 95.0 47.6 142.8
119 61.3 30.6 92.0





#67

Ethyl Benzene

Concen: 21.736 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW012908.D

Acq: 11 Sep 2019 11:14

Instrument :

MSVOA_W

ClientSampleId :

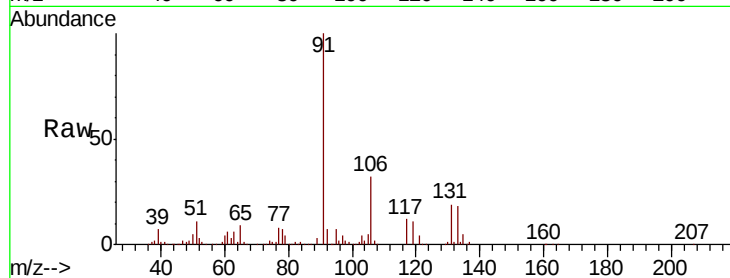
VW0911SBS01

Tgt Ion: 91 Resp: 201713

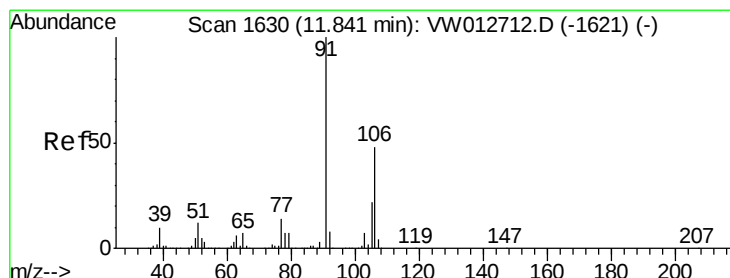
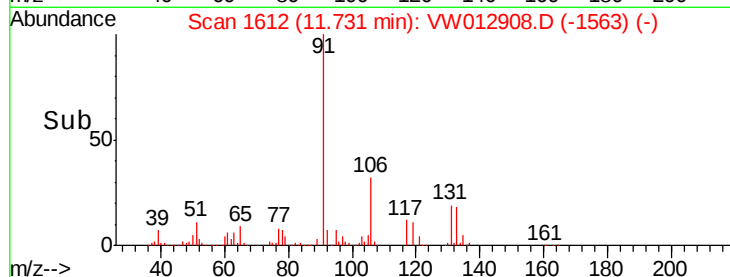
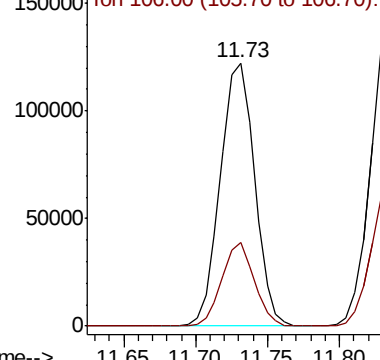
Ion Ratio Lower Upper

91 100

106 31.9 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 43.948 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW012908.D

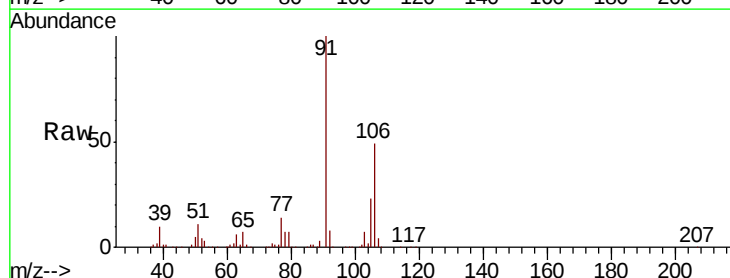
Acq: 11 Sep 2019 11:14

Tgt Ion: 106 Resp: 147211

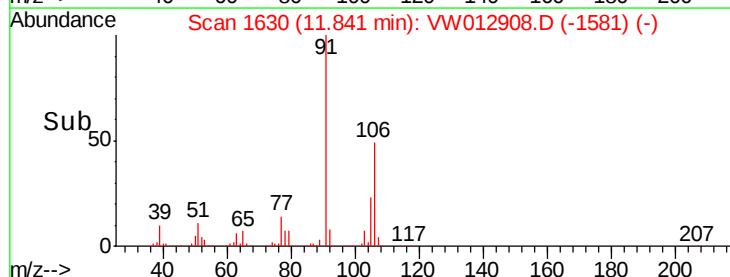
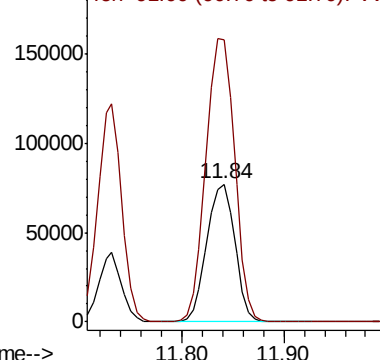
Ion Ratio Lower Upper

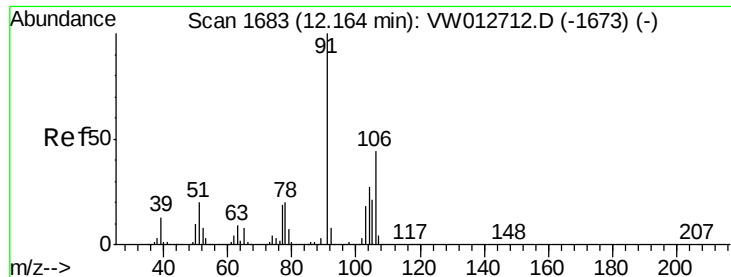
106 100

91 211.1 168.2 252.4



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

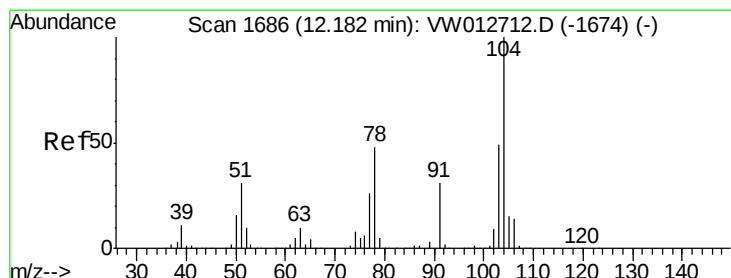
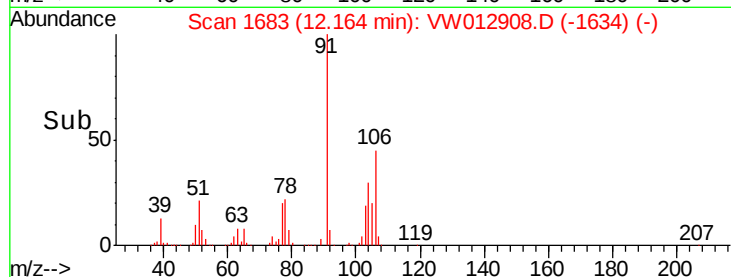
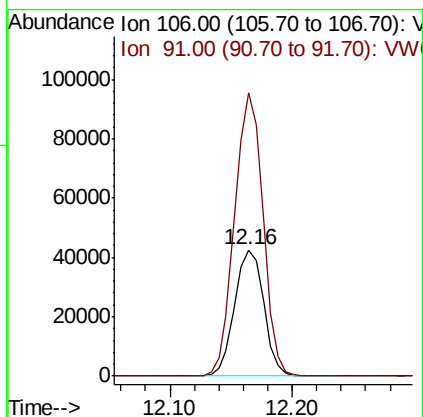
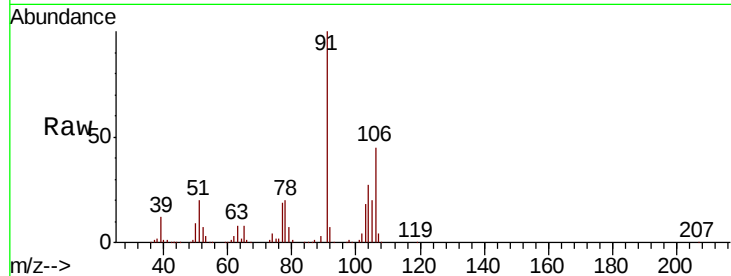




#69
o-Xylene
Concen: 22.208 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW012908.D
Acq: 11 Sep 2019 11:14

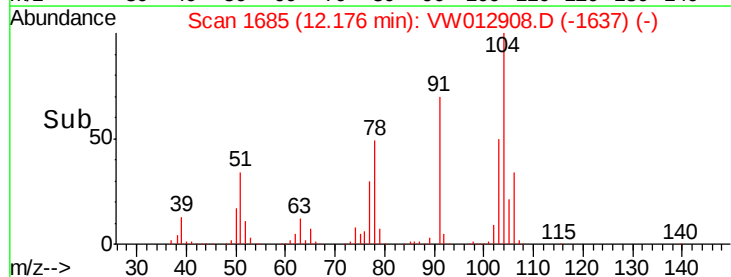
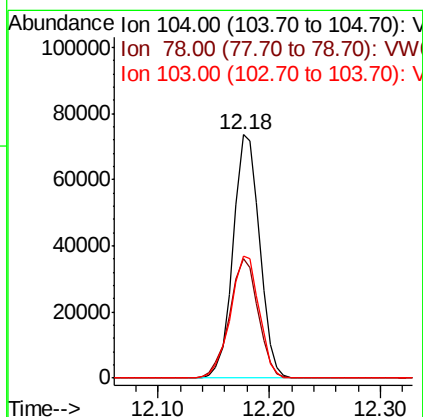
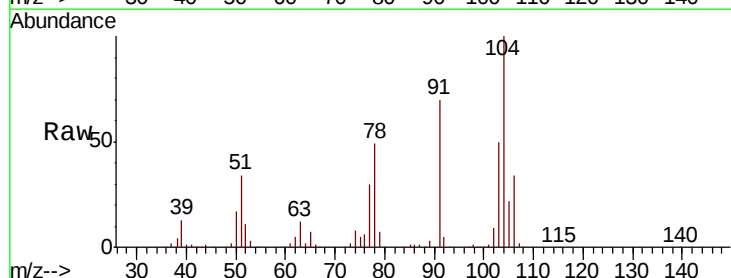
Instrument :
MSVOA_W
ClientSampleId :
VW0911SBS01

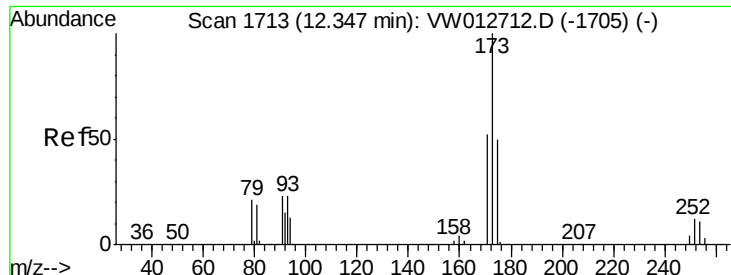
Tgt Ion:106 Resp: 70180
Ion Ratio Lower Upper
106 100
91 218.1 112.3 336.8



#70
Styrene
Concen: 21.693 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW012908.D
Acq: 11 Sep 2019 11:14

Tgt Ion:104 Resp: 121136
Ion Ratio Lower Upper
104 100
78 53.0 43.3 64.9
103 54.5 44.0 66.0





#71

Bromoform

Concen: 19.029 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW012908.D

Acq: 11 Sep 2019 11:14

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBS01

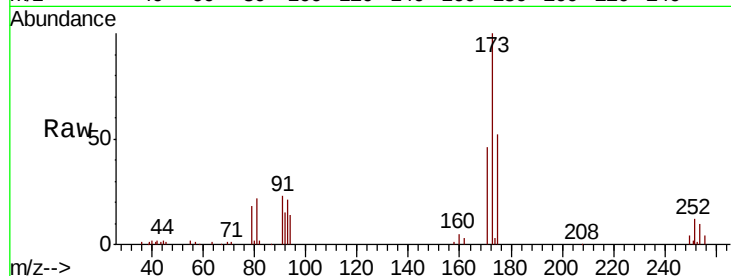
Tgt Ion:173 Resp: 19473

Ion Ratio Lower Upper

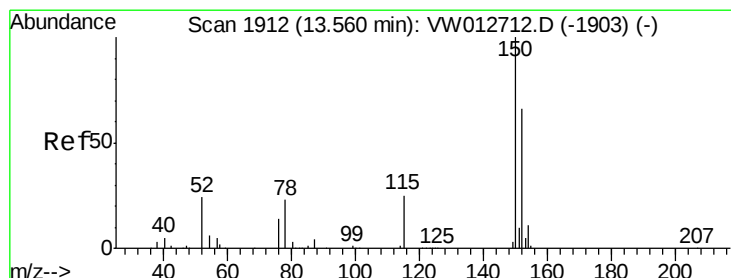
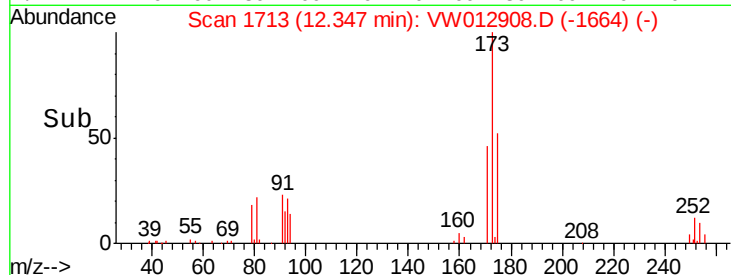
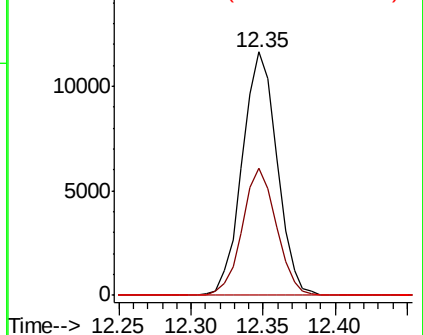
173 100

175 51.3 24.8 74.3

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW012908.D

Acq: 11 Sep 2019 11:14

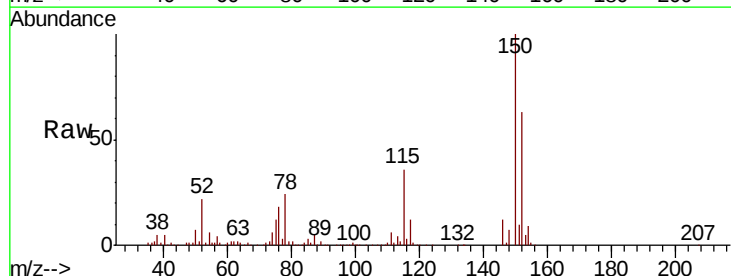
Tgt Ion:152 Resp: 133376

Ion Ratio Lower Upper

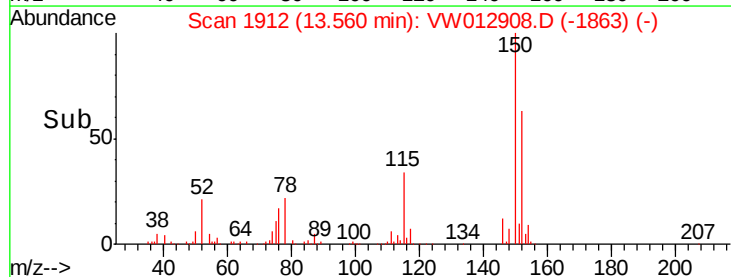
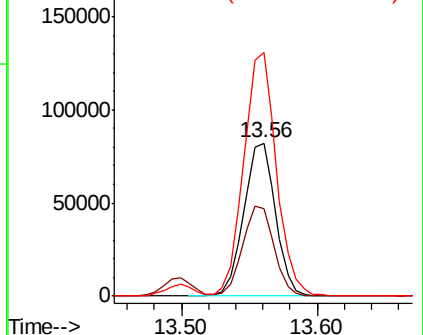
152 100

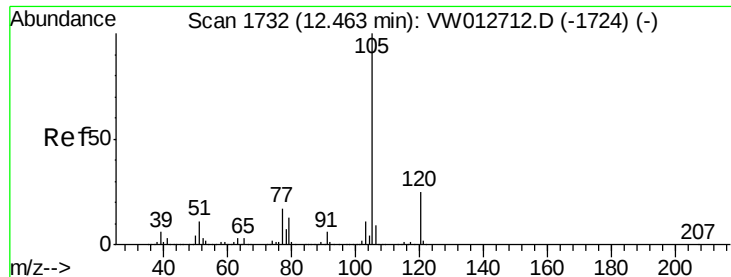
115 58.6 30.0 90.1

150 165.3 0.0 349.0



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





#73

Isopropylbenzene

Concen: 20.882 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW012908.D

Acq: 11 Sep 2019 11:14

Instrument :

MSVOA_W

ClientSampleId :

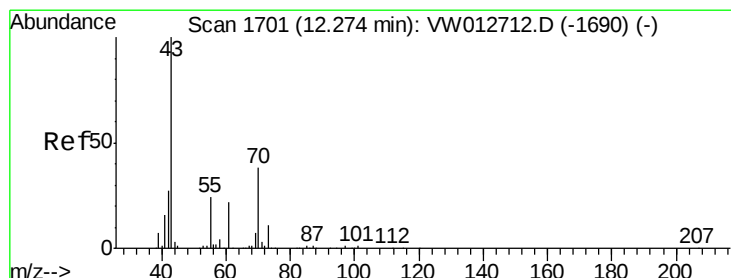
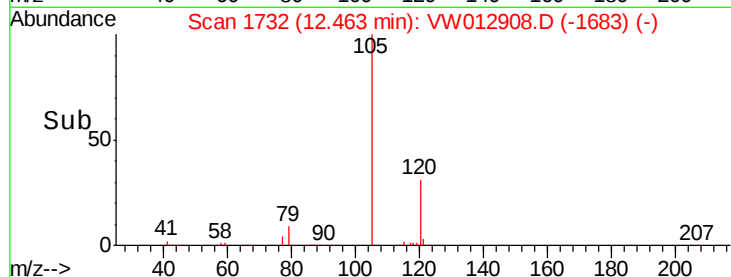
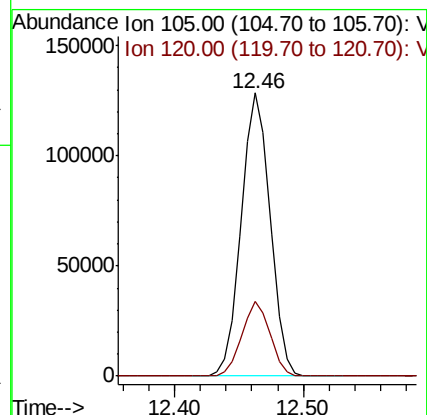
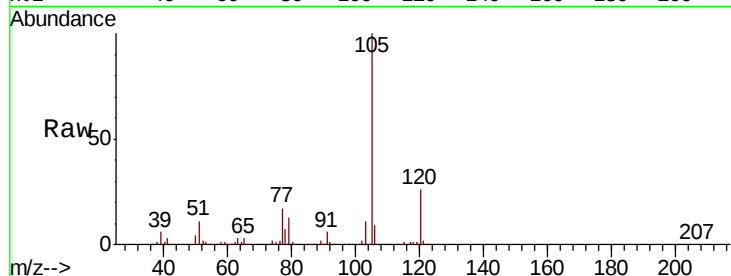
VW0911SBS01

Tgt Ion: 105 Resp: 199756

Ion Ratio Lower Upper

105 100

120 25.5 13.0 38.9



#74

N-ethyl acetate

Concen: 16.053 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW012908.D

Acq: 11 Sep 2019 11:14

Tgt Ion: 43 Resp: 48743

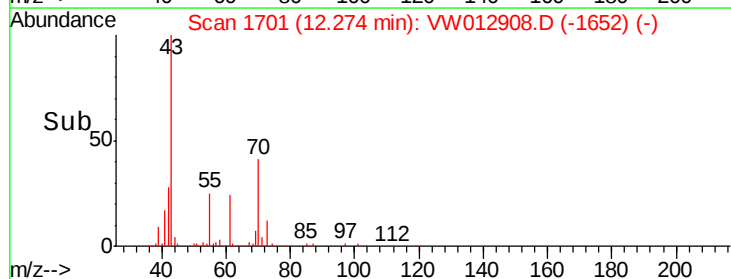
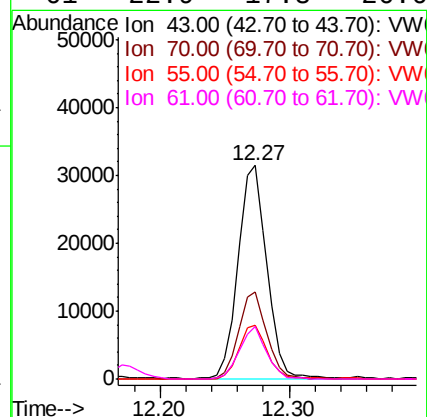
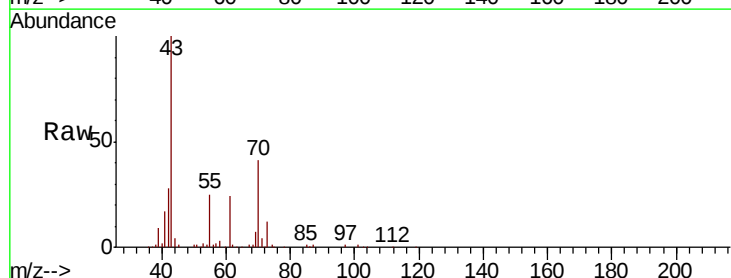
Ion Ratio Lower Upper

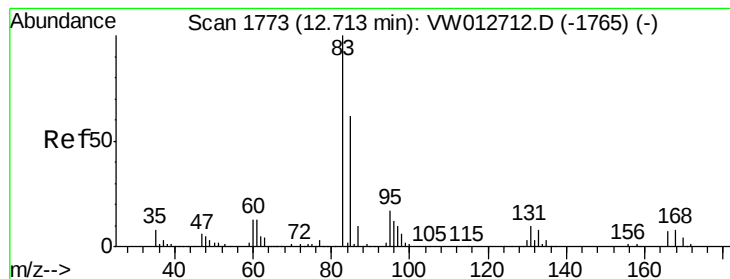
43 100

70 40.5 29.4 44.0

55 24.9 18.6 27.8

61 22.9 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 17.364 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW012908.D

Acq: 11 Sep 2019 11:14

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBS01

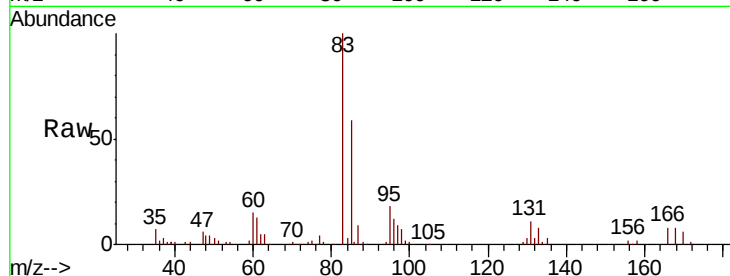
Tgt Ion: 83 Resp: 33359

Ion Ratio Lower Upper

83 100

131 11.3 5.1 15.4

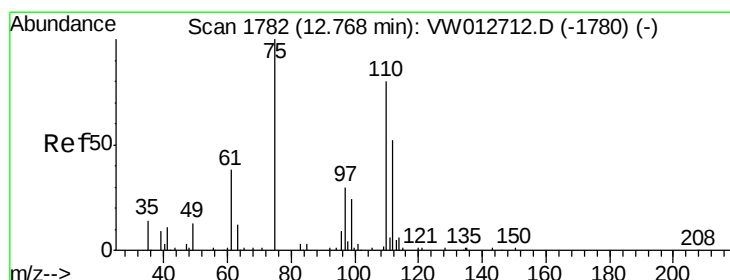
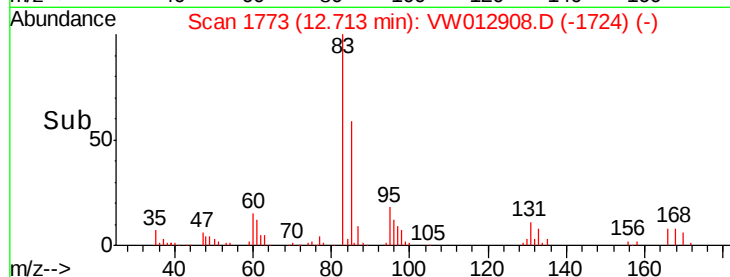
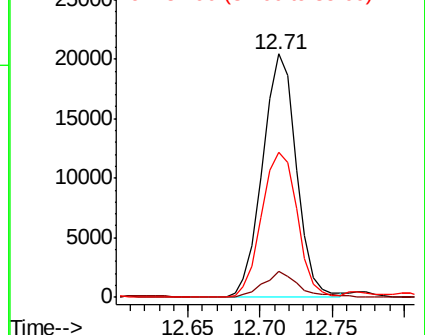
85 62.4 31.4 94.2



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: 33.016 ug/l

RT: 12.76 min Scan# 1781

Delta R.T. -0.01 min

Lab File: VW012908.D

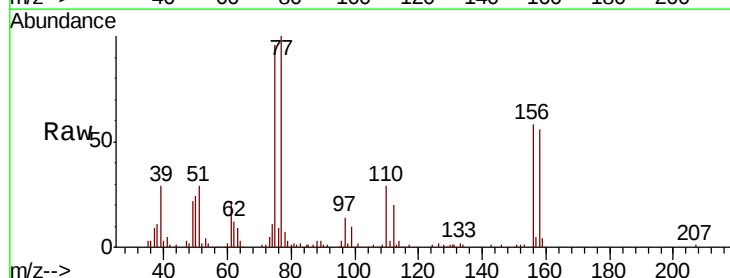
Acq: 11 Sep 2019 11:14

Tgt Ion: 75 Resp: 45028

Ion Ratio Lower Upper

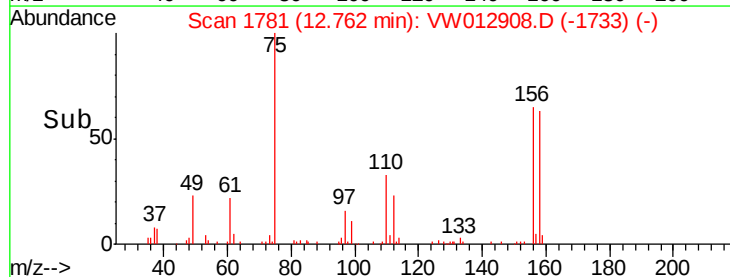
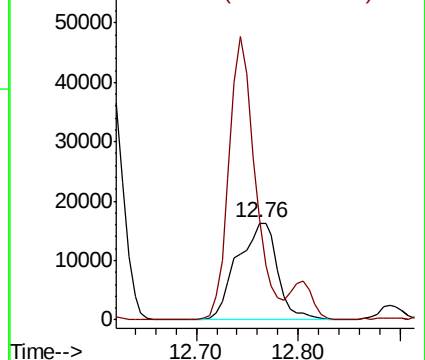
75 100

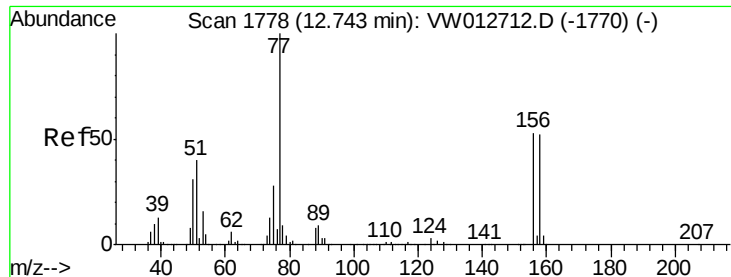
77 190.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

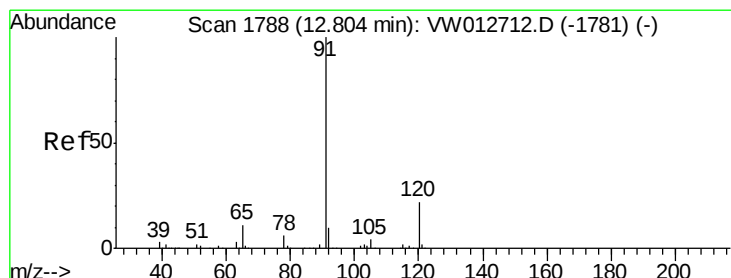
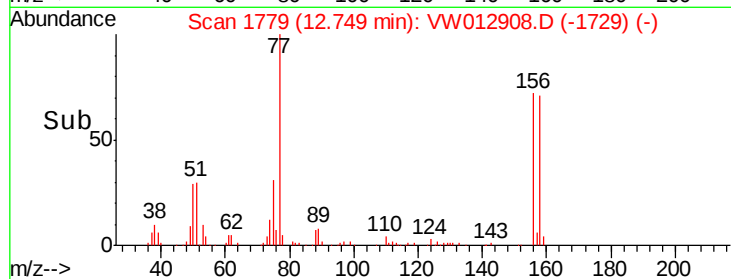
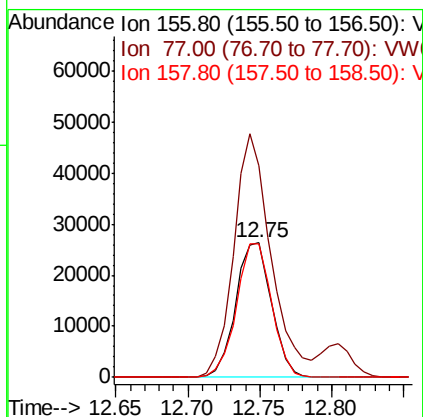
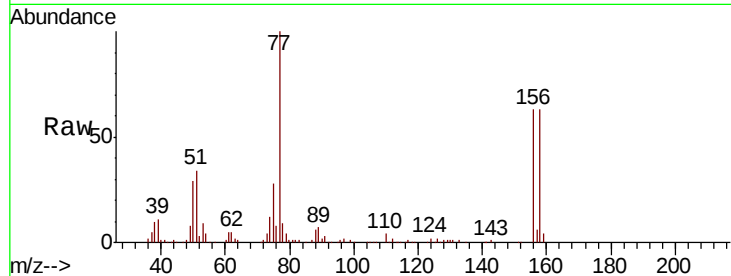




#77
Bromobenzene
Concen: 20.915 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.01 min
Lab File: VW012908.D
Acq: 11 Sep 2019 11:14

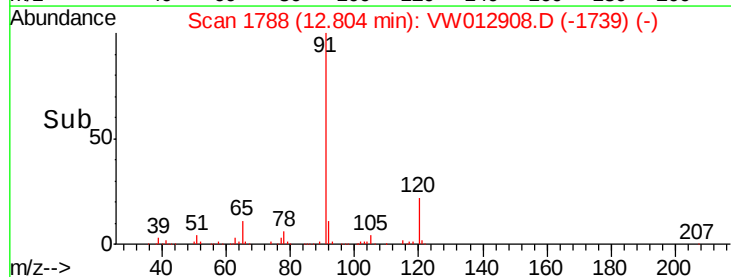
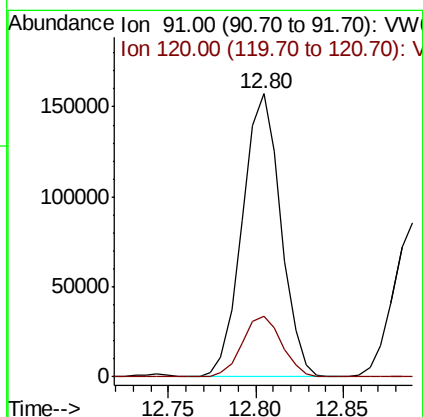
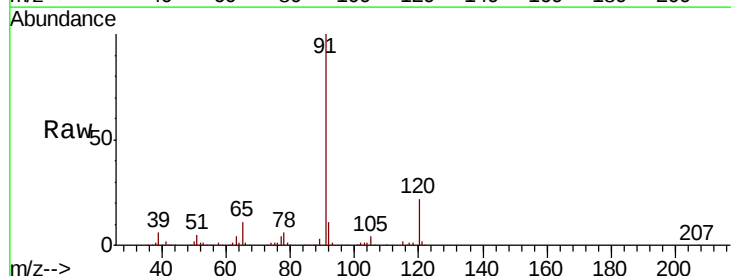
Instrument :
MSVOA_W
ClientSampleId :
VW0911SBS01

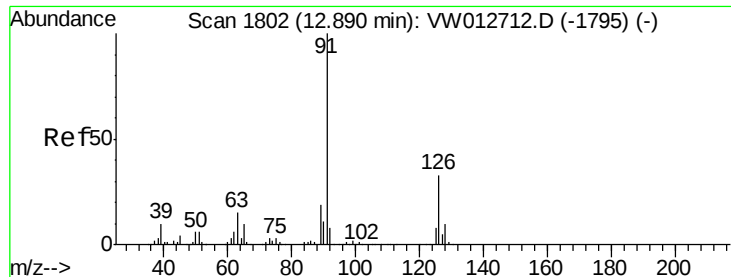
Tgt Ion:156 Resp: 45328
Ion Ratio Lower Upper
156 100
77 189.0 102.3 306.9
158 97.9 48.9 146.8



#78
n-propylbenzene
Concen: 20.979 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW012908.D
Acq: 11 Sep 2019 11:14

Tgt Ion: 91 Resp: 240022
Ion Ratio Lower Upper
91 100
120 22.2 11.0 33.0





#79

2-Chlorotoluene

Concen: 20.926 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW012908.D

Acq: 11 Sep 2019 11:14

Instrument :

MSVOA_W

ClientSampleId :

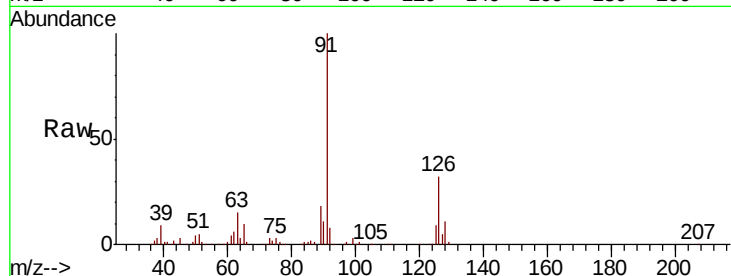
VW0911SBS01

Tgt Ion: 91 Resp: 137444

Ion Ratio Lower Upper

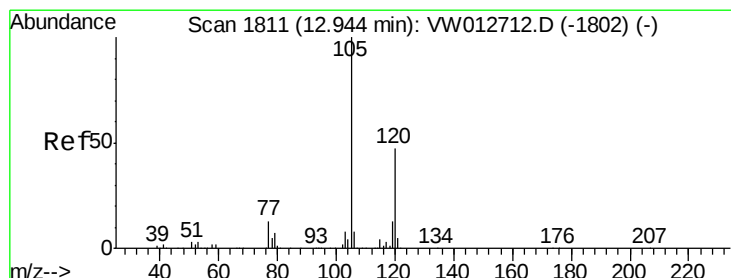
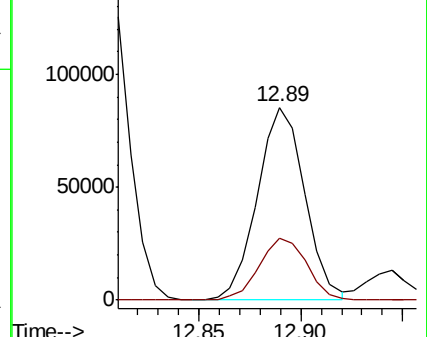
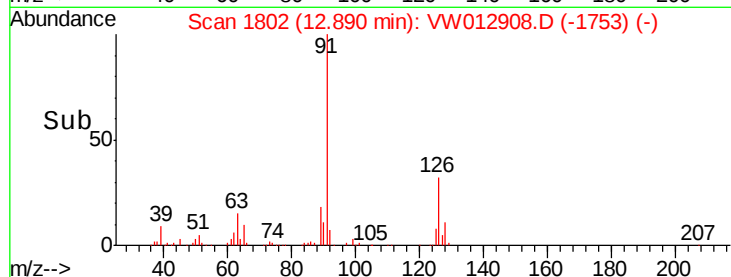
91 100

126 32.5 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.601 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW012908.D

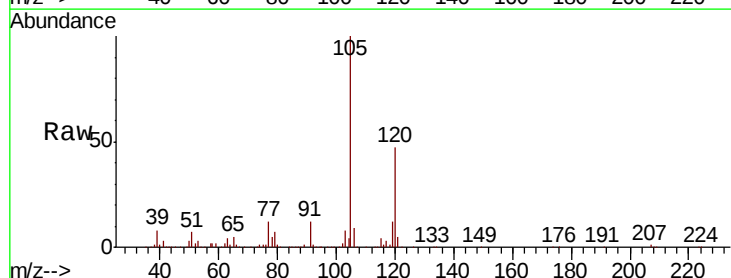
Acq: 11 Sep 2019 11:14

Tgt Ion: 105 Resp: 174125

Ion Ratio Lower Upper

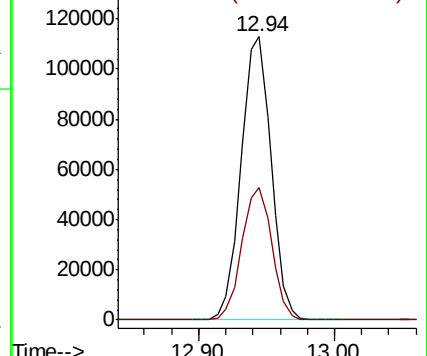
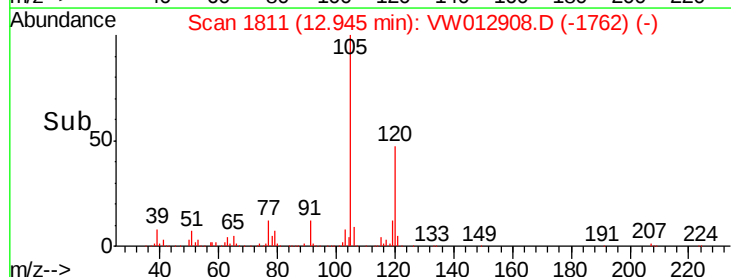
105 100

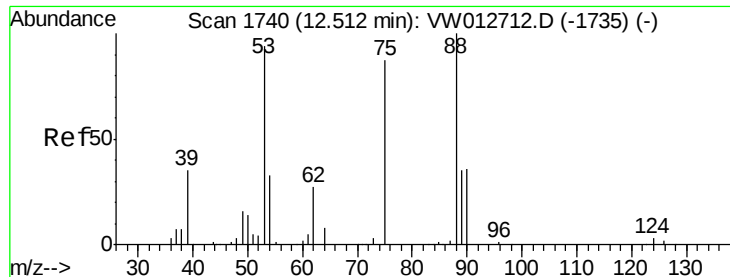
120 47.1 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 15.877 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW012908.D

Acq: 11 Sep 2019 11:14

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBS01

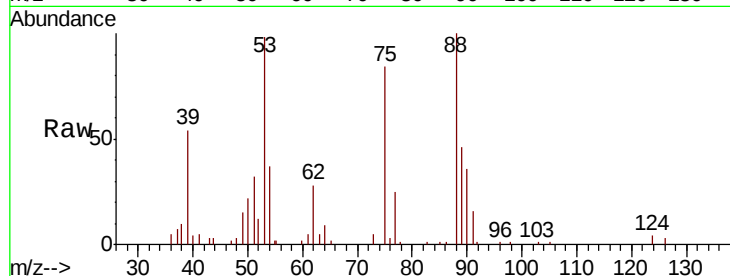
Tgt Ion: 75 Resp: 10238

Ion Ratio Lower Upper

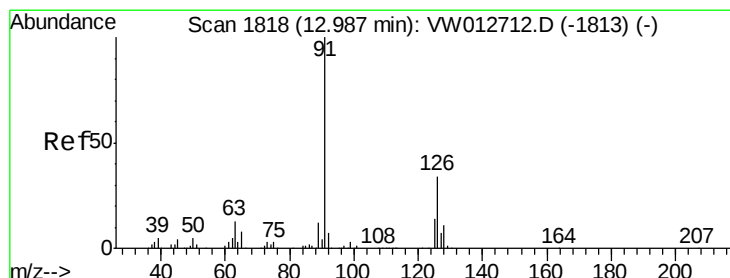
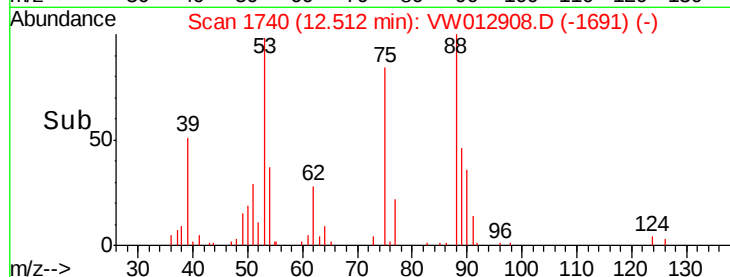
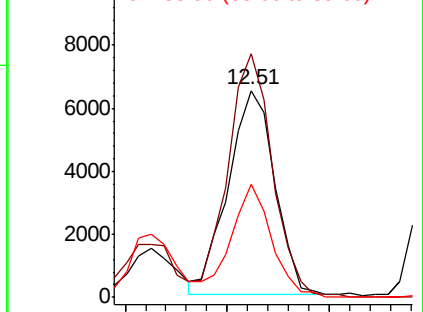
75 100

53 115.6 87.6 131.4

89 47.9 35.5 53.3



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 53.00 (52.70 to 53.70): VW
Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 20.722 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW012908.D

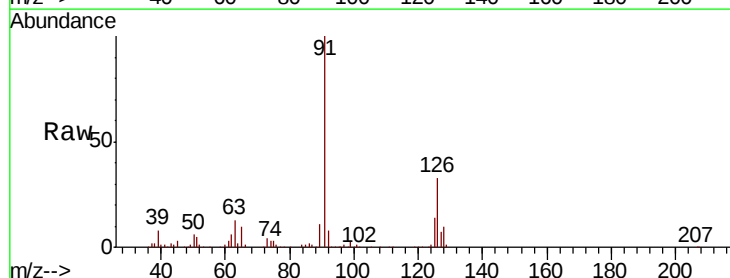
Acq: 11 Sep 2019 11:14

Tgt Ion: 91 Resp: 143967

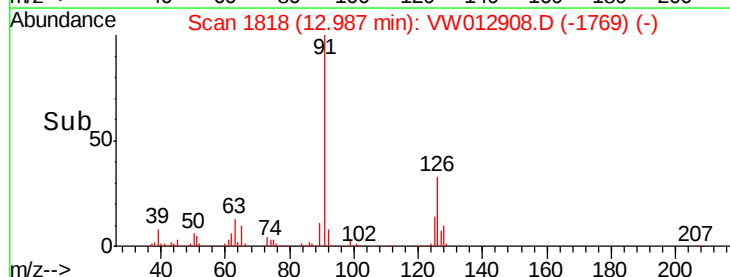
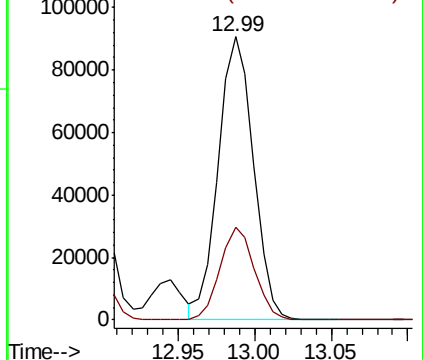
Ion Ratio Lower Upper

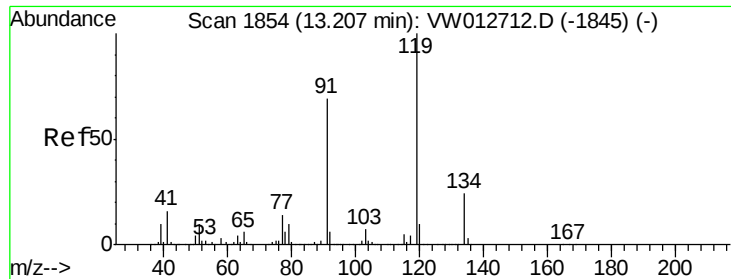
91 100

126 32.1 15.9 47.6



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 125.90 (125.60 to 126.60): V

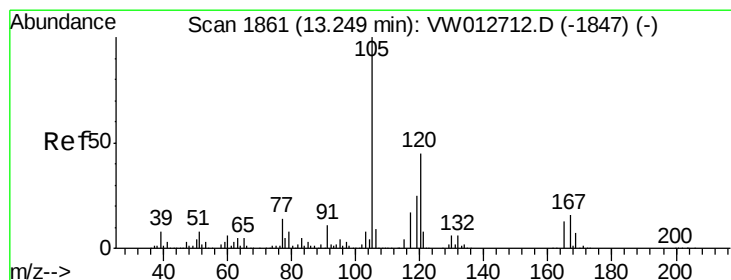
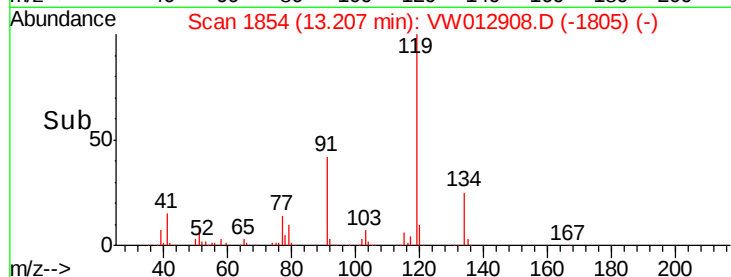
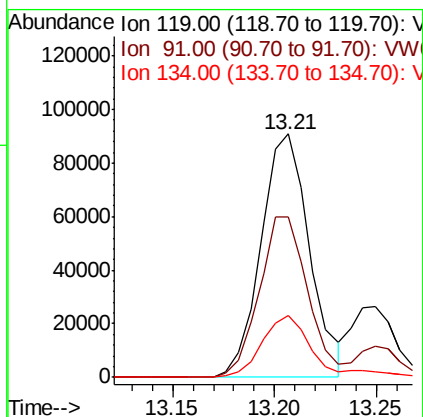
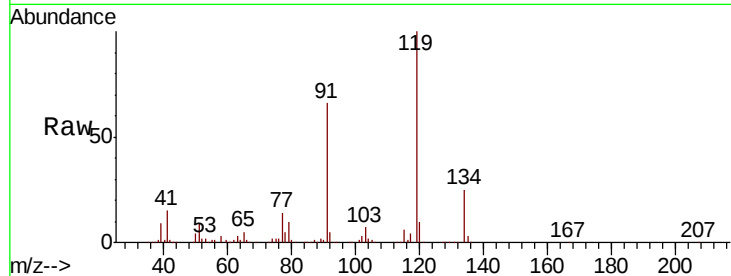




#83
 tert-Butylbenzene
 Concen: 21.184 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW012908.D
 Acq: 11 Sep 2019 11:14

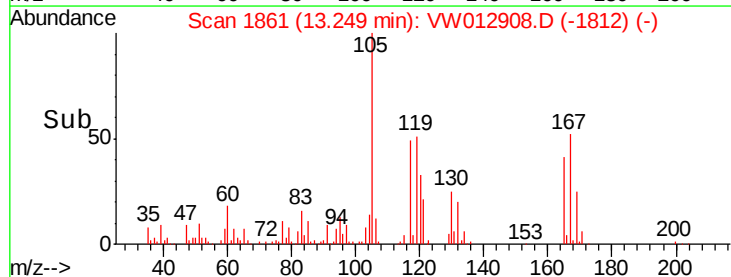
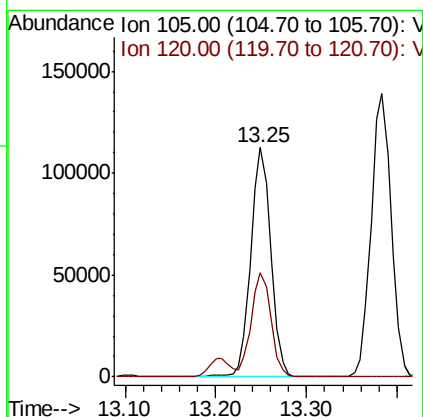
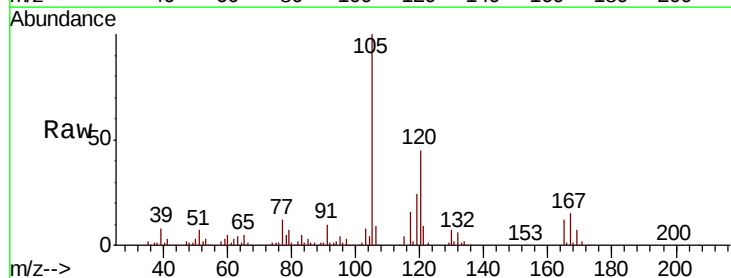
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBS01

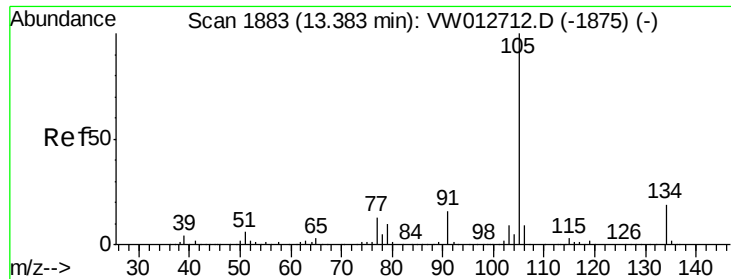
Tgt Ion:119 Resp: 150990
 Ion Ratio Lower Upper
 119 100
 91 65.6 34.2 102.5
 134 26.6 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 21.275 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW012908.D
 Acq: 11 Sep 2019 11:14

Tgt Ion:105 Resp: 172801
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.1 66.3

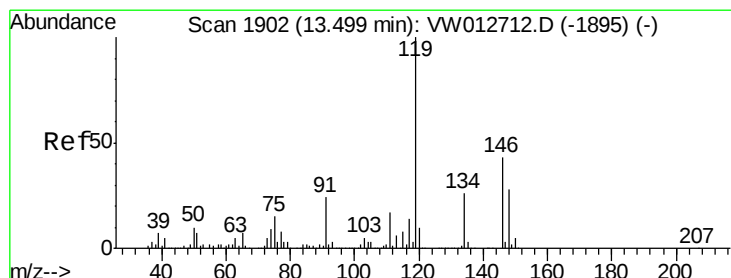
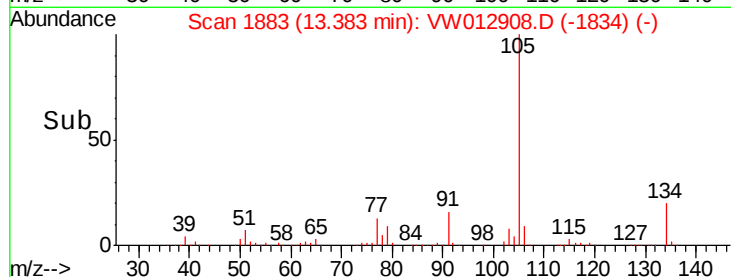
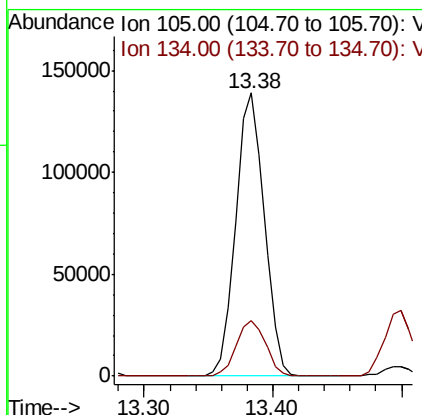
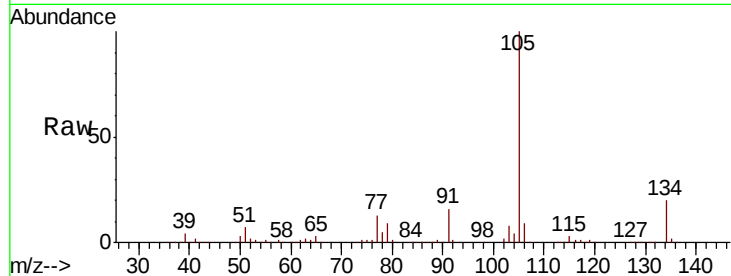




#85
 sec-Butylbenzene
 Concen: 21.597 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW012908.D
 Acq: 11 Sep 2019 11:14

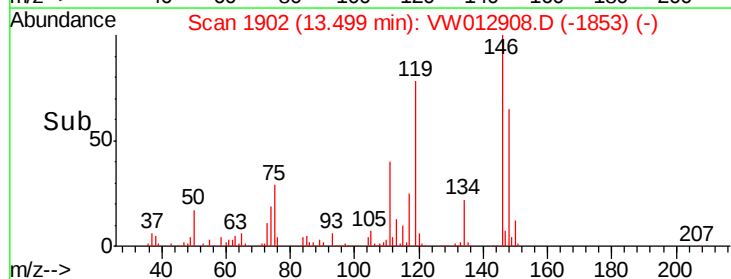
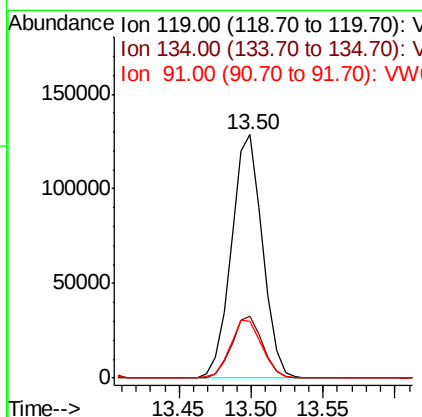
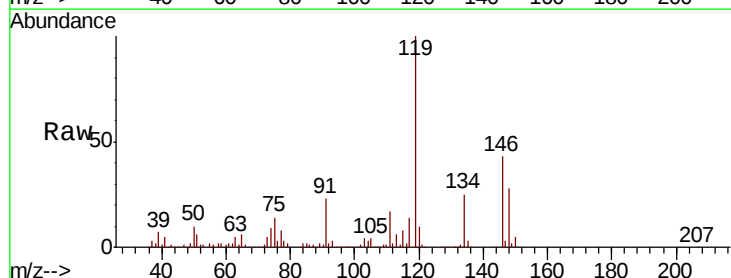
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBS01

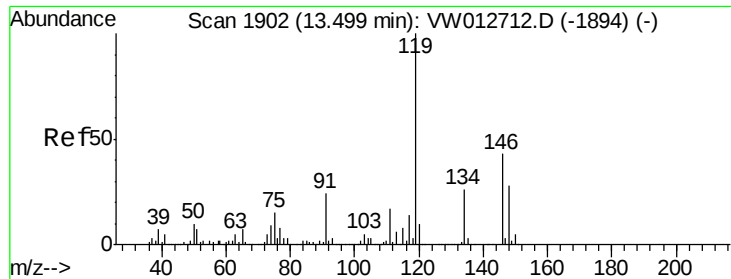
Tgt Ion:105 Resp: 213597
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 21.357 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012908.D
 Acq: 11 Sep 2019 11:14

Tgt Ion:119 Resp: 192938
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.7 38.1
 91 24.5 12.2 36.6

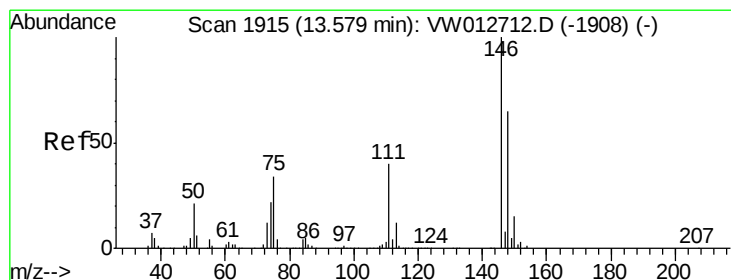
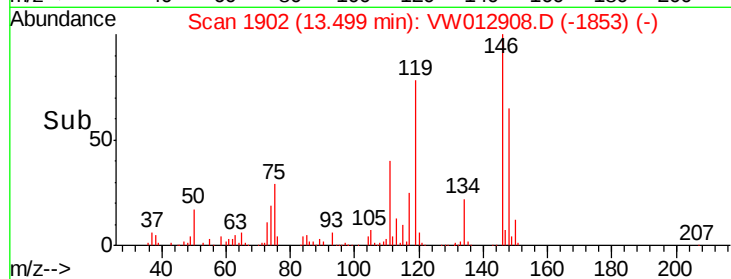
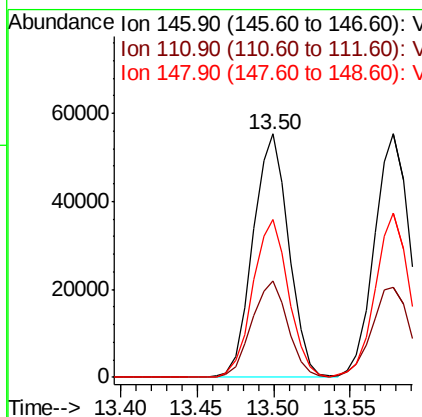
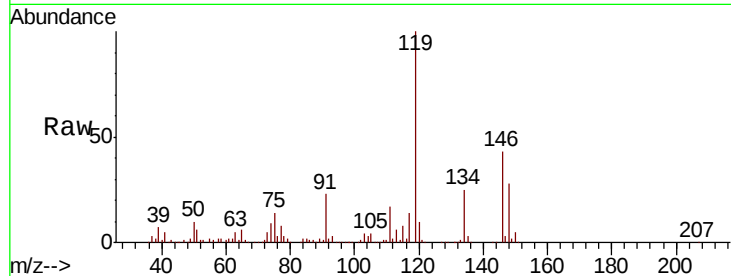




#87
 1,3-Dichlorobenzene
 Concen: 21.152 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012908.D
 Acq: 11 Sep 2019 11:14

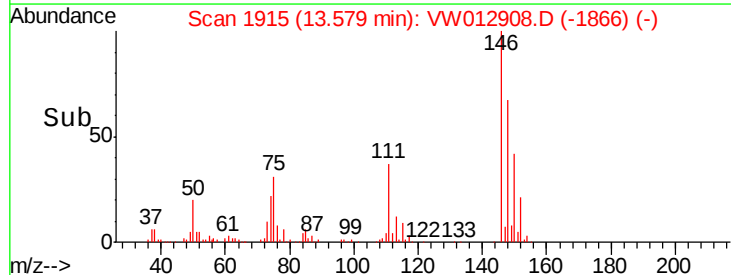
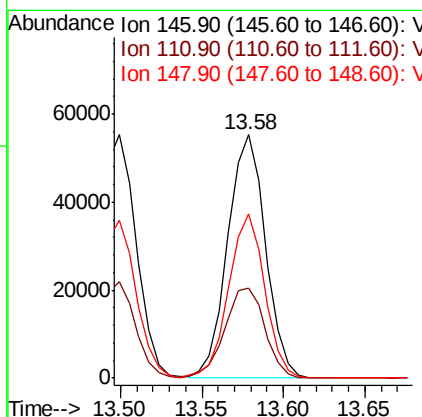
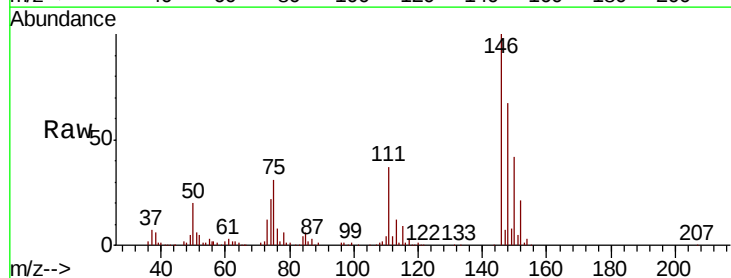
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBS01

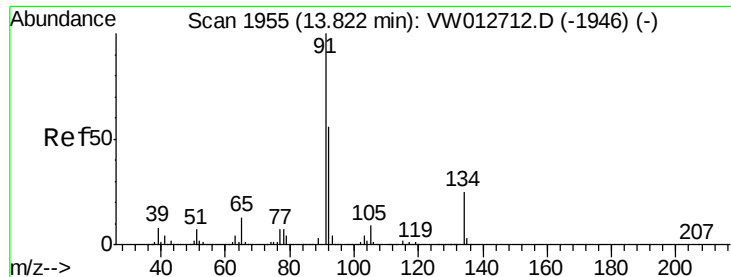
Tgt Ion:146 Resp: 90105
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.4 61.2
 148 64.8 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 21.093 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW012908.D
 Acq: 11 Sep 2019 11:14

Tgt Ion:146 Resp: 89410
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.0 60.0
 148 64.4 32.2 96.6





#89

n-Butylbenzene

Concen: 20.860 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW012908.D

Acq: 11 Sep 2019 11:14

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBS01

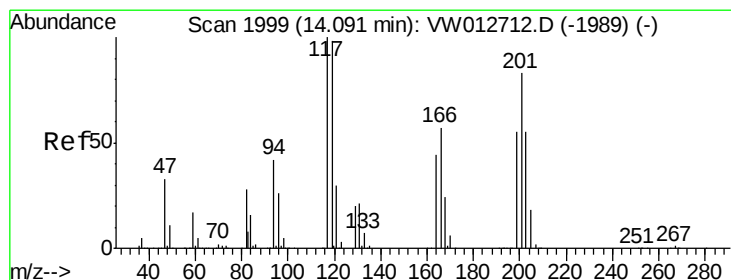
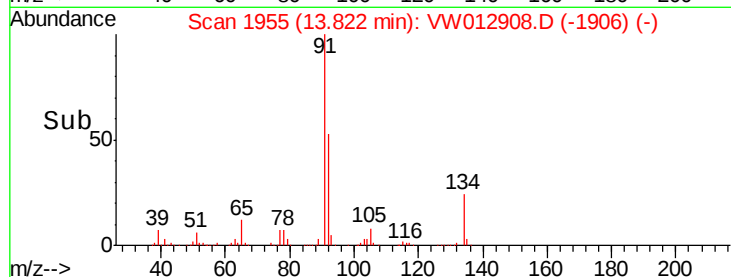
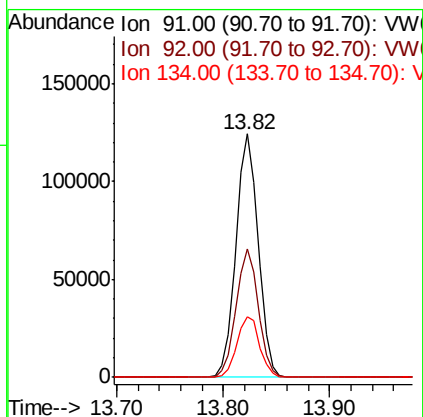
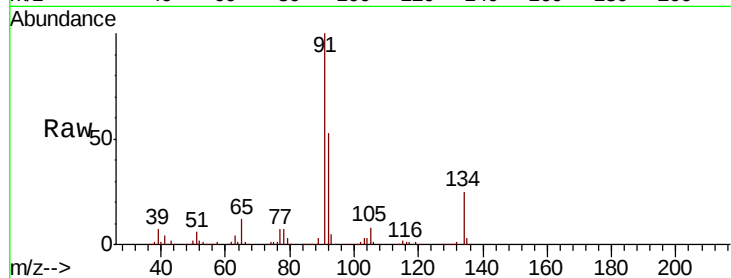
Tgt Ion: 91 Resp: 182951

Ion Ratio Lower Upper

91 100

92 52.9 27.2 81.5

134 25.4 12.7 38.1



#90

Hexachloroethane

Concen: 20.493 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW012908.D

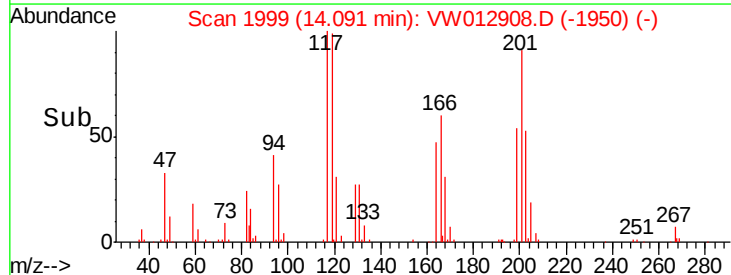
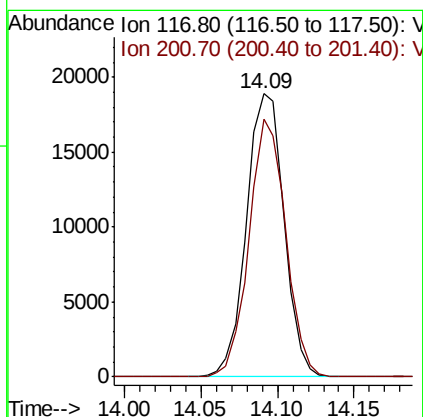
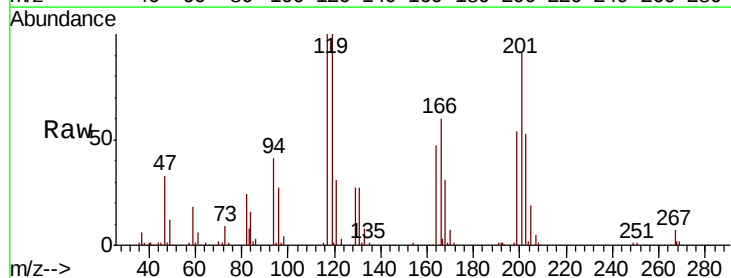
Acq: 11 Sep 2019 11:14

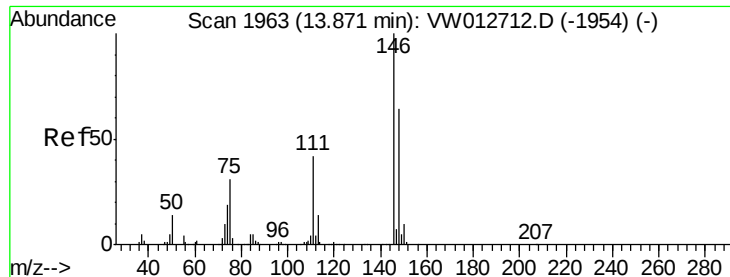
Tgt Ion: 117 Resp: 32319

Ion Ratio Lower Upper

117 100

201 88.9 42.8 128.4

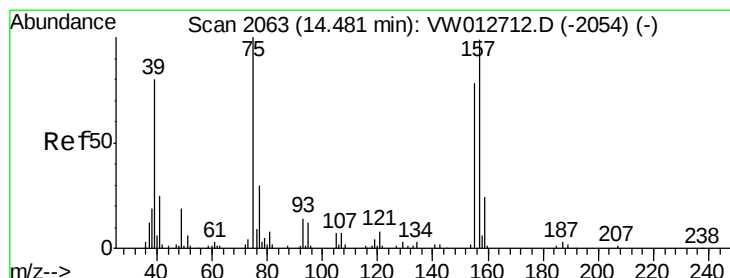
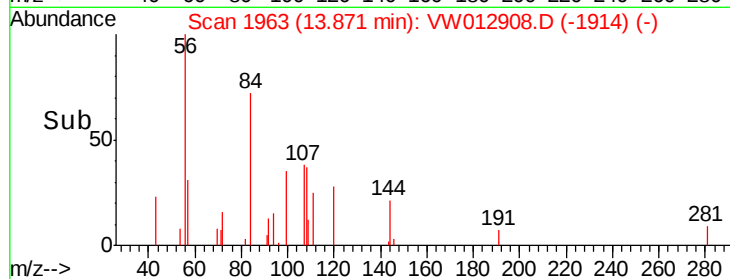
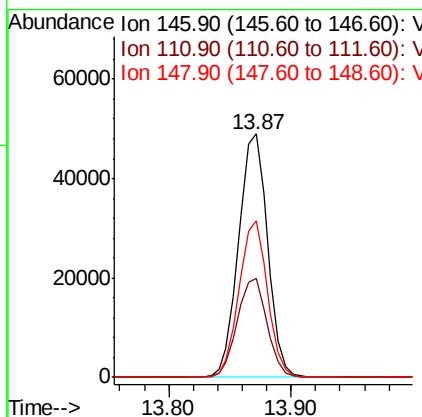
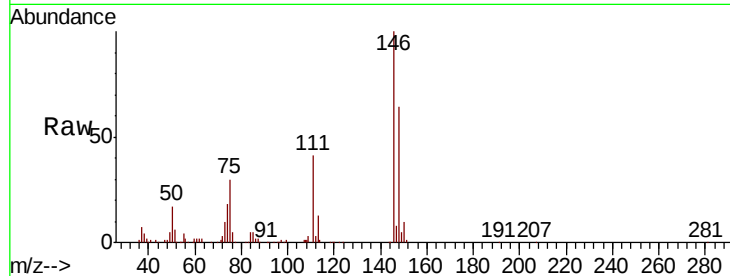




#91
 1,2-Dichlorobenzene
 Concen: 20.996 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW012908.D
 Acq: 11 Sep 2019 11:14

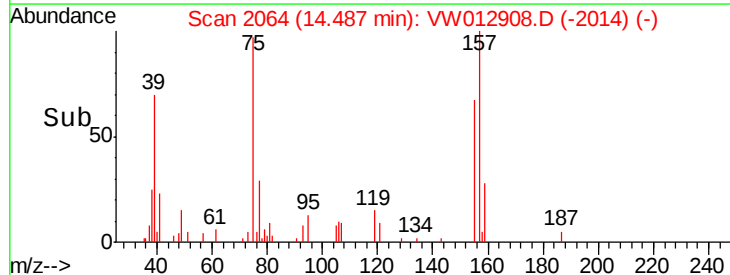
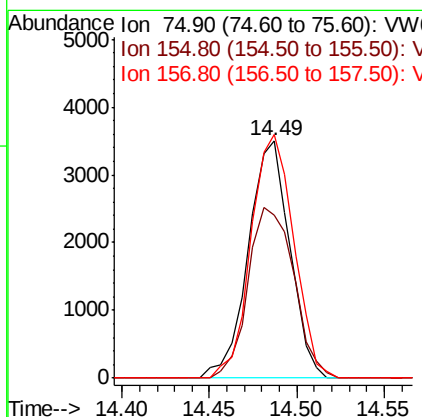
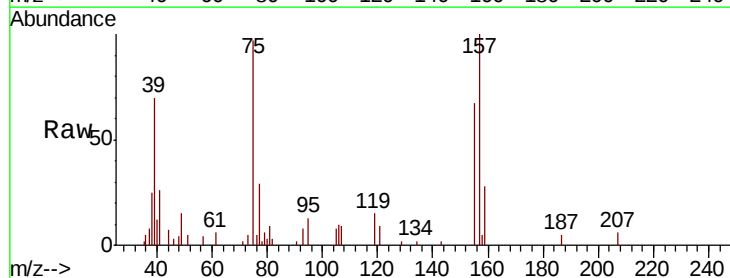
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBS01

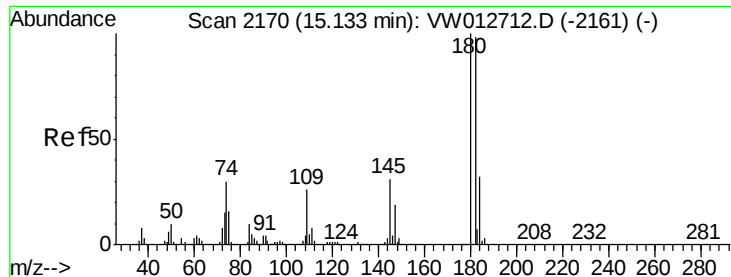
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.3	63.9
148	63.1	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.423 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.01 min
 Lab File: VW012908.D
 Acq: 11 Sep 2019 11:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.4	40.6	122.0
157	105.7	52.5	157.5

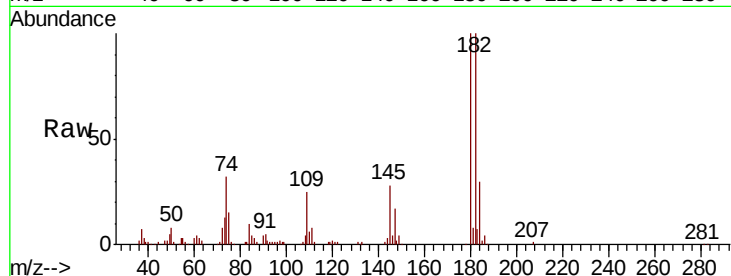




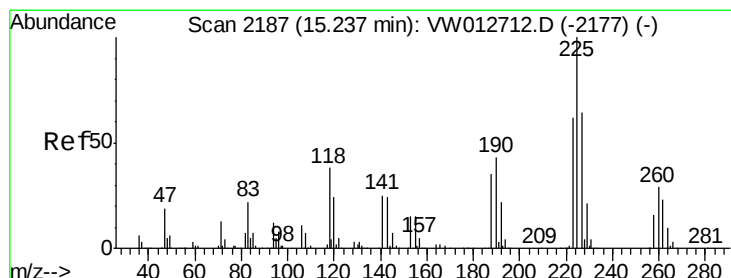
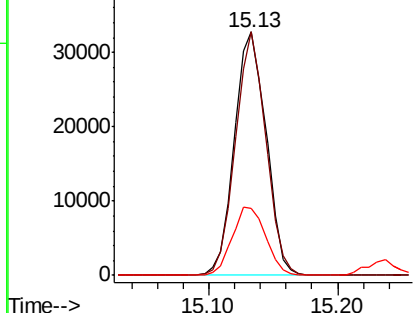
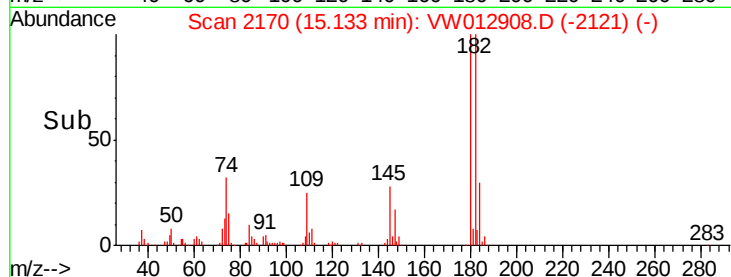
#93
 1,2,4-Trichlorobenzene
 Concen: 20.962 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW012908.D
 Acq: 11 Sep 2019 11:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.7	146.1
145	29.8	15.0	45.1

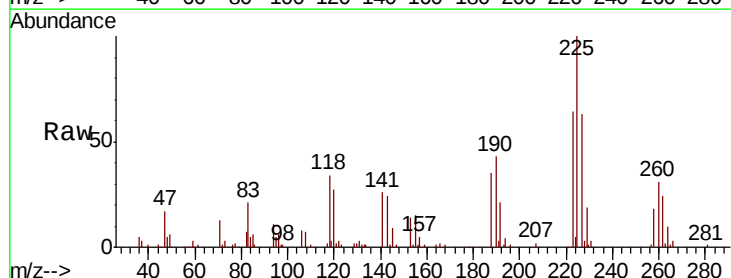


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

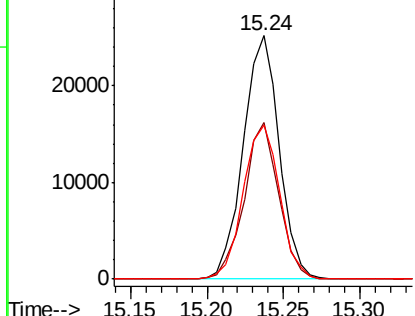
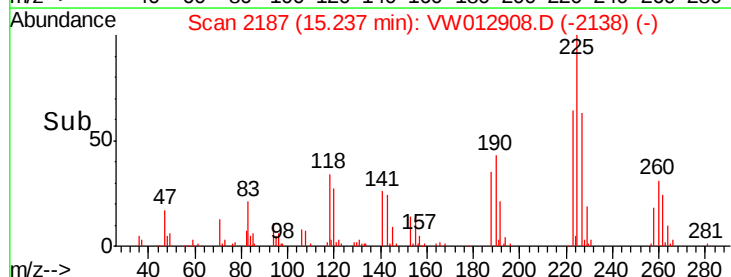


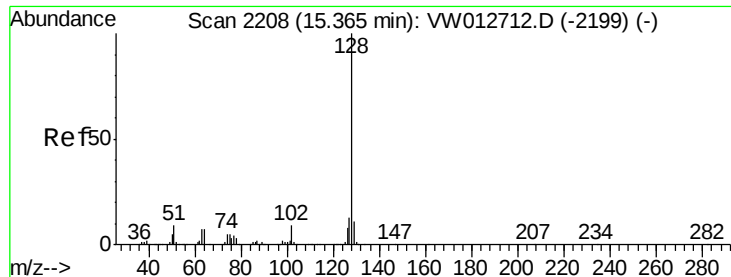
#94
 Hexachlorobutadiene
 Concen: 22.217 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW012908.D
 Acq: 11 Sep 2019 11:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.1	93.3
227	64.5	31.4	94.2



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

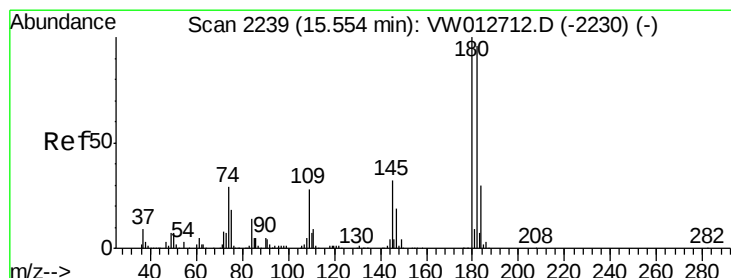
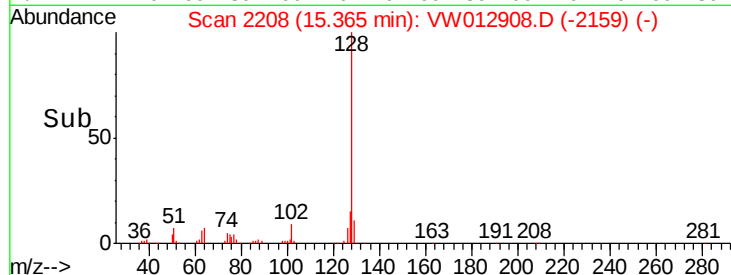
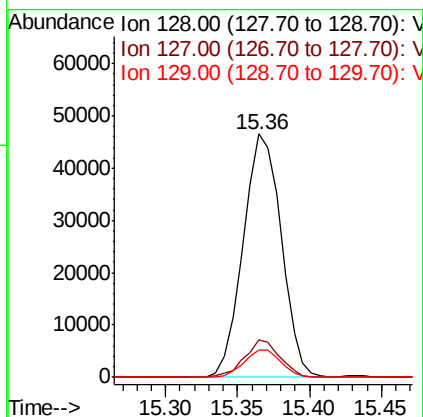
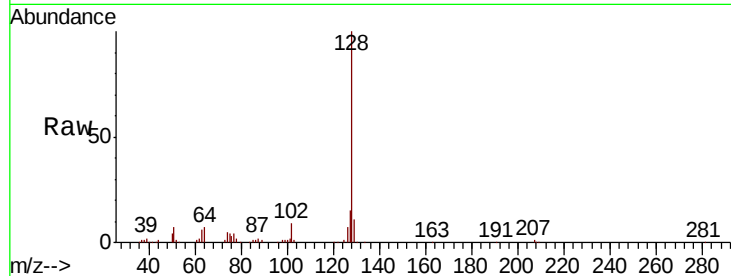




#95
Naphthalene
Concen: 18.328 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012908.D
Acq: 11 Sep 2019 11:14

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBS01

Tgt Ion:128 Resp: 85292
Ion Ratio Lower Upper
128 100
127 14.5 10.7 16.1
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.009 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.01 min
Lab File: VW012908.D
Acq: 11 Sep 2019 11:14

Tgt Ion:180 Resp: 47147
Ion Ratio Lower Upper
180 100
182 97.2 47.8 143.3
145 31.1 15.4 46.2

