

Data File : VW012707.D
Acq On : 06 Sep 2019 22:57
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Quant Time: Sep 07 04:44:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	179480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	285784	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	253709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	127996	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	117524	55.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.16%	
35) Dibromofluoromethane	7.88	113	92790	54.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.80%	
50) Toluene-d8	10.32	98	354701	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
62) 4-Bromofluorobenzene	12.62	95	131774	54.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.10%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	43763	39.600	ug/l	93
3) Chloromethane	2.21	50	69788	40.760	ug/l	96
4) Vinyl Chloride	2.36	62	82217	39.233	ug/l	99
5) Bromomethane	2.75	94	47558	44.811	ug/l	96
6) Chloroethane	2.90	64	50814	42.984	ug/l	99
7) Trichlorofluoromethane	3.25	101	45607	43.342	ug/l	94
8) Diethyl Ether	3.68	74	50567	50.628	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	78814	44.064	ug/l	95
10) Methyl Iodide	4.26	142	119520	49.387	ug/l	100
11) Tert butyl alcohol	5.17	59	40061	312.007	ug/l #	86
12) 1,1-Dichloroethene	4.04	96	78536	43.625	ug/l	98
13) Acrolein	3.89	56	28222	233.503	ug/l	93
14) Allyl chloride	4.66	41	172472	44.813	ug/l	98
15) Acrylonitrile	5.36	53	137258	277.251	ug/l	99
16) Acetone	4.12	43	121046	221.945	ug/l	100
17) Carbon Disulfide	4.38	76	201596	37.053	ug/l	98
18) Methyl Acetate	4.67	43	79412	58.788	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	170466	58.553	ug/l	97
20) Methylene Chloride	4.91	84	101729	49.340	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	90608	46.935	ug/l	98
22) Diisopropyl ether	6.31	45	357867	50.164	ug/l	97
23) Vinyl Acetate	6.25	43	1119197	254.923	ug/l	99
24) 1,1-Dichloroethane	6.21	63	191525	49.307	ug/l	98
25) 2-Butanone	7.17	43	191492	258.382	ug/l	100
26) 2,2-Dichloropropane	7.17	77	99843	45.413	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	107444	52.092	ug/l	96
28) Bromochloromethane	7.51	49	83044	49.052	ug/l	88
29) Tetrahydrofuran	7.53	42	124887	280.872	ug/l	95
30) Chloroform	7.67	83	187960	52.891	ug/l	100
31) Cyclohexane	7.95	56	148945	38.757	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	142082	50.540	ug/l	98
36) 1,1-Dichloropropene	8.08	75	138037	46.741	ug/l	98
37) Ethyl Acetate	7.25	43	86635	53.533	ug/l	98
38) Carbon Tetrachloride	8.07	117	125611	49.142	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	146849	44.262	ug/l	95
40) Benzene	8.32	78	397535	49.297	ug/l	100
41) Methacrylonitrile	7.48	41	55188	58.022	ug/l	99
42) 1,2-Dichloroethane	8.40	62	140159	55.457	ug/l	99
43) Isopropyl Acetate	8.42	43	162629	54.252	ug/l	99
44) Trichloroethene	9.09	130	101514	51.784	ug/l	91
45) 1,2-Dichloropropane	9.37	63	107437	49.504	ug/l	100
46) Dibromomethane	9.46	93	53211	55.105	ug/l	95
47) Bromodichloromethane	9.64	83	139423	54.252	ug/l	98
48) Methyl methacrylate	9.43	41	79787	55.923	ug/l	97
49) 1,4-Dioxane	9.45	88	17832	1206.287	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	428925	281.317	ug/l	99
52) Toluene	10.38	92	248873	51.373	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	142008	54.247	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	164876	52.162	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	76682	56.127	ug/l	99
56) Ethyl methacrylate	10.65	69	114960	57.815	ug/l	97
57) 1,3-Dichloropropane	10.93	76	141033	54.626	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	315209	308.876	ug/l	97
59) 2-Hexanone	10.97	43	290290	269.079	ug/l	98
60) Dibromochloromethane	11.13	129	87543	57.528	ug/l	99
61) 1,2-Dibromoethane	11.23	107	73029	57.376	ug/l	99
64) Tetrachloroethene	10.86	164	87868	53.419	ug/l	99
65) Chlorobenzene	11.66	112	260236	52.091	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	97090	55.709	ug/l	100
67) Ethyl Benzene	11.73	91	488966	50.810	ug/l	100
68) m/p-Xylenes	11.84	106	355673	102.603	ug/l	99
69) o-Xylene	12.16	106	168281	52.451	ug/l	99
70) Styrene	12.18	104	298527	53.756	ug/l	100
71) Bromoform	12.35	173	52711	60.705	ug/l	98
73) Isopropylbenzene	12.46	105	467993	48.795	ug/l	99
74) N-amyl acetate	12.27	43	148131	51.120	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	90716	51.593	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	121456	97.431	ug/l #	100
77) Bromobenzene	12.74	156	111279	53.631	ug/l	91
78) n-propylbenzene	12.80	91	556155	47.500	ug/l	98
79) 2-Chlorotoluene	12.89	91	325437	48.956	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	400611	49.988	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	29746	52.318	ug/l	96
82) 4-Chlorotoluene	12.99	91	339475	48.772	ug/l	99
83) tert-Butylbenzene	13.21	119	346412	51.028	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	399461	49.620	ug/l	100
85) sec-Butylbenzene	13.38	105	471304	48.458	ug/l	100
86) p-Isopropyltoluene	13.50	119	433768	49.940	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	207195	51.053	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	205582	51.017	ug/l	99
89) n-Butylbenzene	13.82	91	407573	47.186	ug/l	99
90) Hexachloroethane	14.09	117	73752	48.397	ug/l	88
91) 1,2-Dichlorobenzene	13.87	146	188331	52.898	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	16055	54.163	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090619\
Quantitation Report (Not Reviewed)

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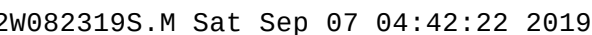
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

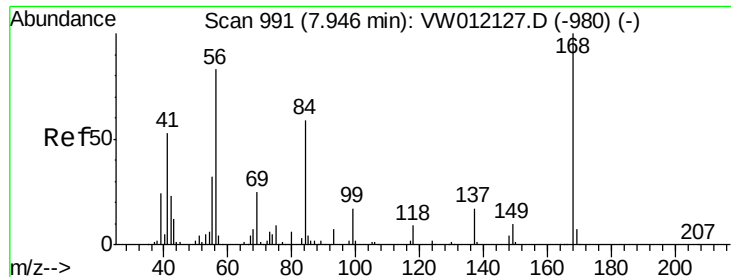
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	134570	54.695	ug/l	99
94) Hexachlorobutadiene	15.24	225	87413	53.806	ug/l	98
95) Naphthalene	15.36	128	257194	52.989	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	119801	55.809	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

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Instrument :

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ClientSampleId :

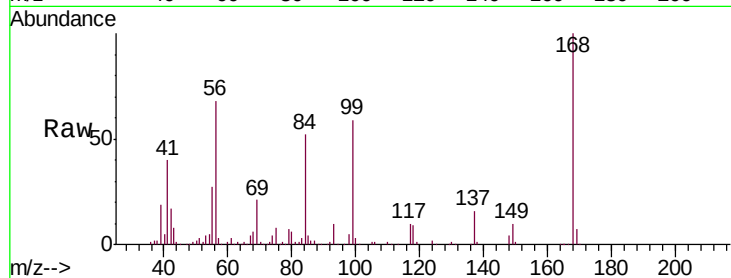
VSTDCCC050EC

Tgt Ion:168 Resp: 179480

Ion Ratio Lower Upper

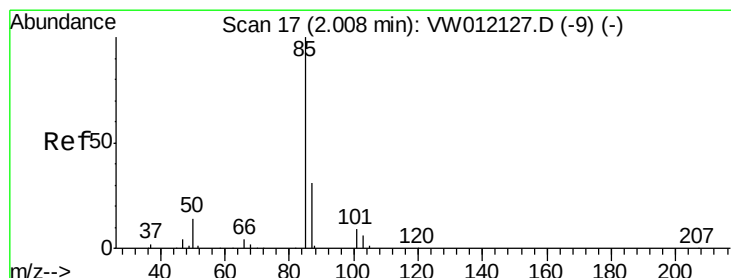
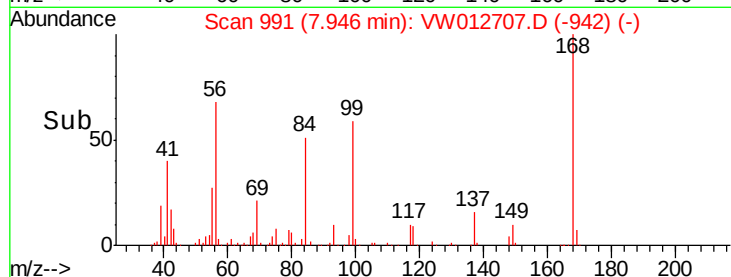
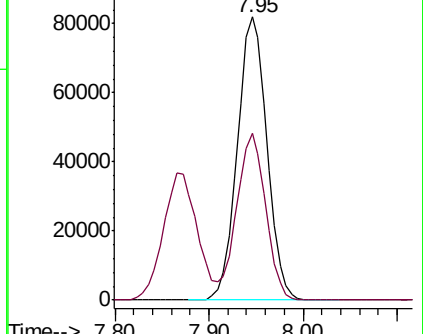
168 100

99 59.1 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 39.600 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW012707.D

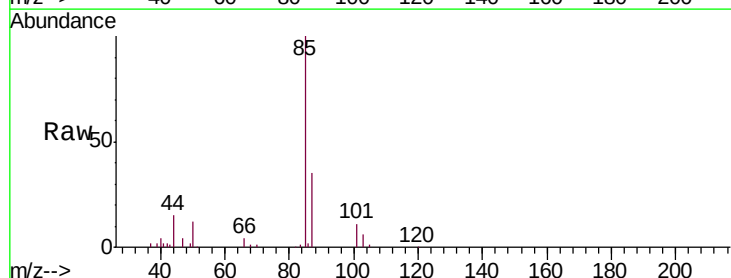
Acq: 06 Sep 2019 22:57

Tgt Ion: 85 Resp: 43763

Ion Ratio Lower Upper

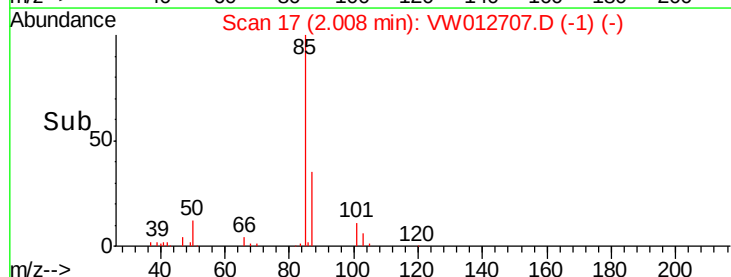
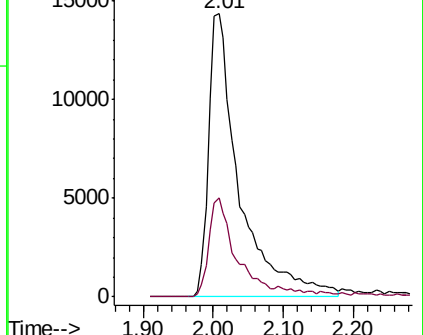
85 100

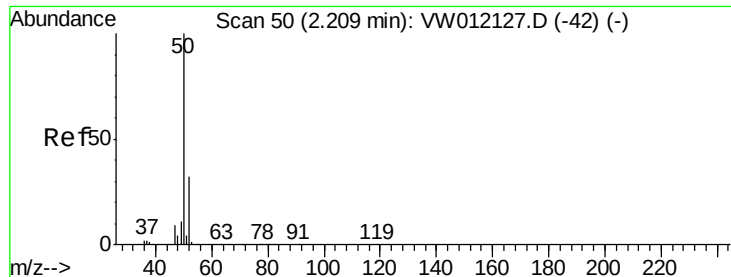
87 35.0 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 40.760 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW012707.D

Acq: 06 Sep 2019 22:57

Instrument :

MSVOA_W

ClientSampleId :

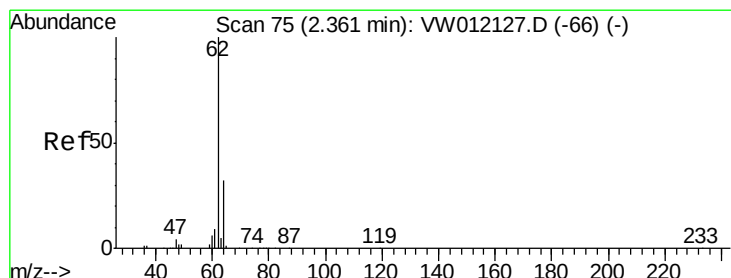
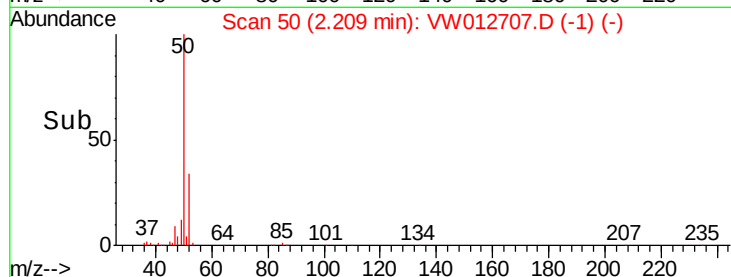
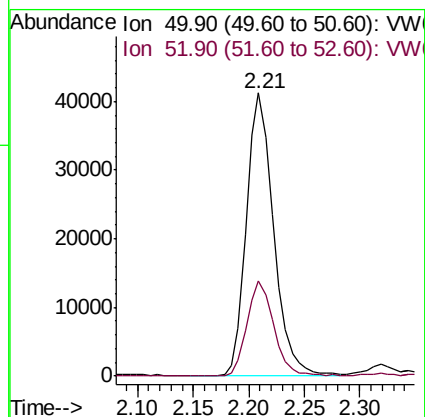
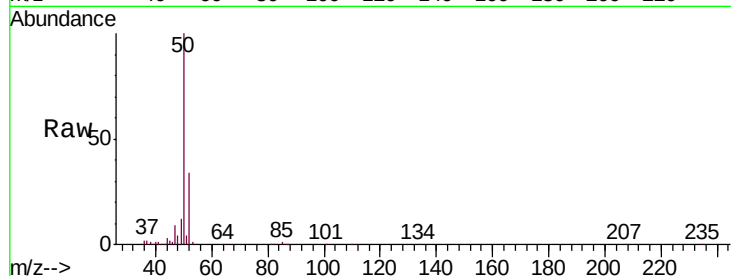
VSTDCCC050EC

Tgt Ion: 50 Resp: 69788

Ion Ratio Lower Upper

50 100

52 33.9 25.5 38.3



#4

Vinyl Chloride

Concen: 39.233 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW012707.D

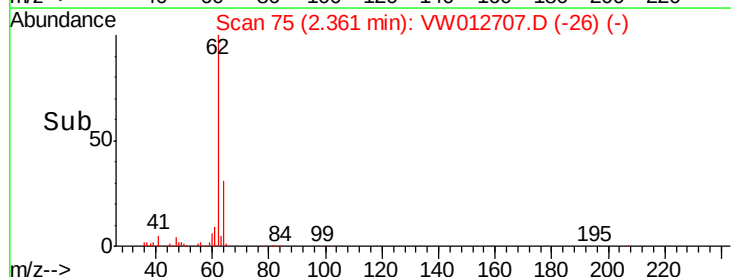
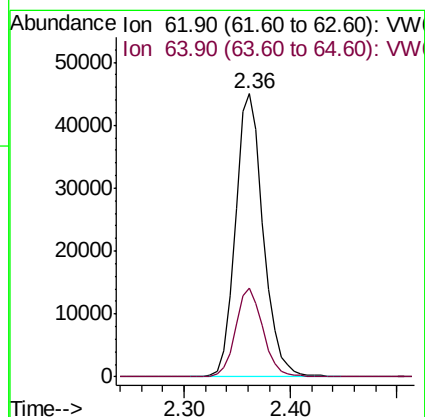
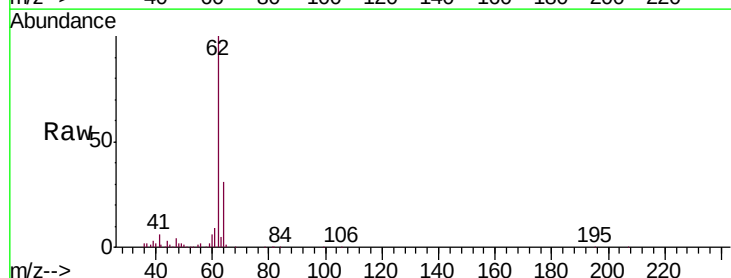
Acq: 06 Sep 2019 22:57

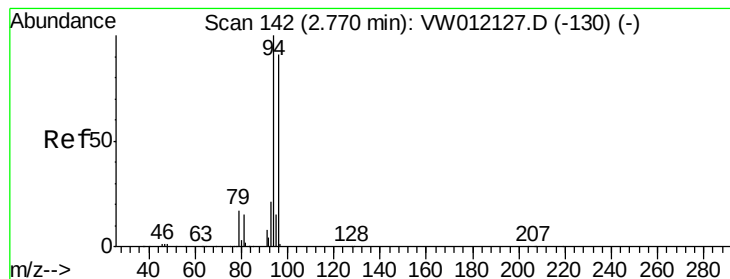
Tgt Ion: 62 Resp: 82217

Ion Ratio Lower Upper

62 100

64 31.2 25.3 37.9





#5

Bromomethane

Concen: 44.811 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.02 min

Lab File: VW012707.D

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Instrument :

MSVOA_W

ClientSampleId :

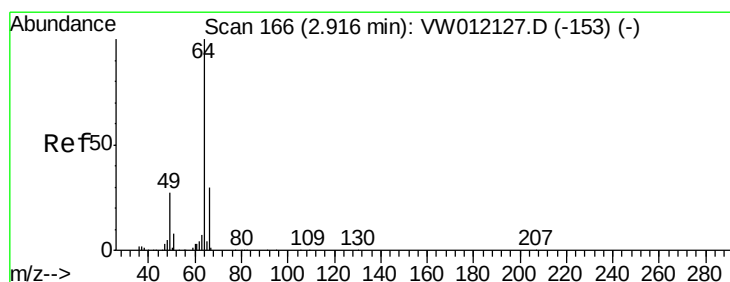
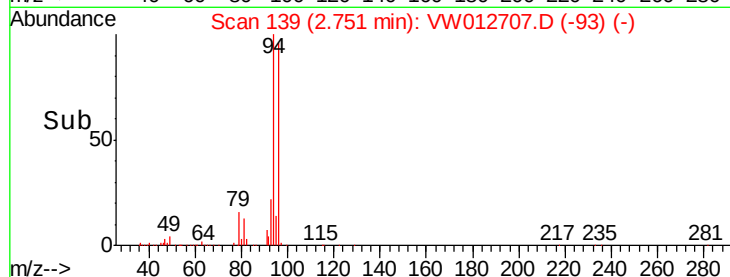
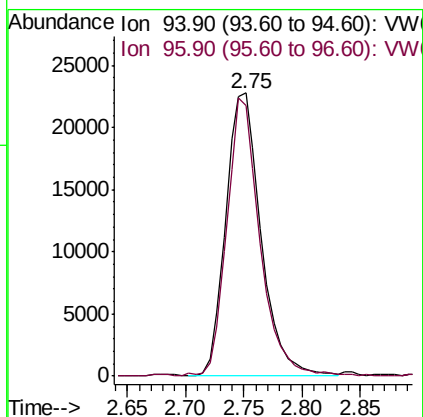
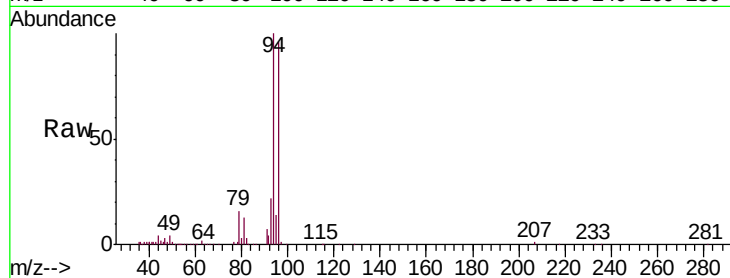
VSTDCCC050EC

Tgt Ion: 94 Resp: 47558

Ion Ratio Lower Upper

94 100

96 95.0 72.9 109.3



#6

Chloroethane

Concen: 42.984 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW012707.D

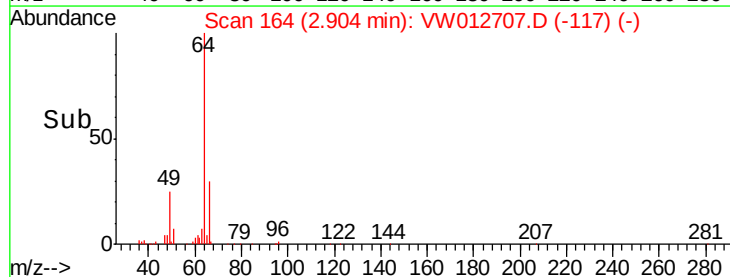
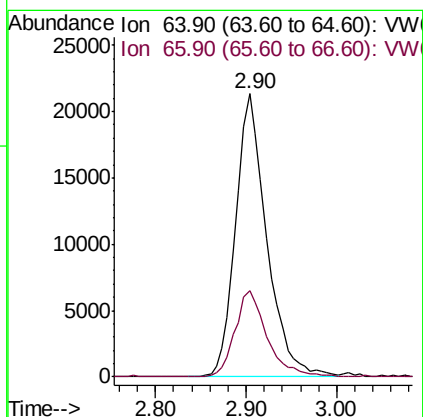
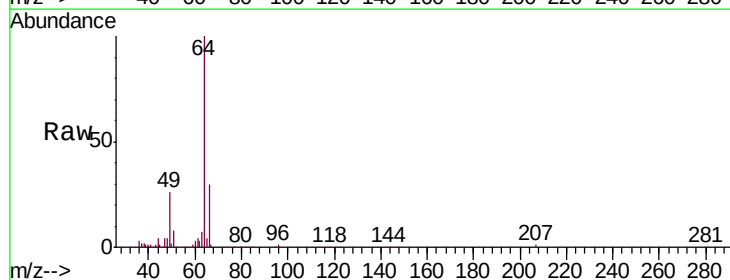
Acq: 06 Sep 2019 22:57

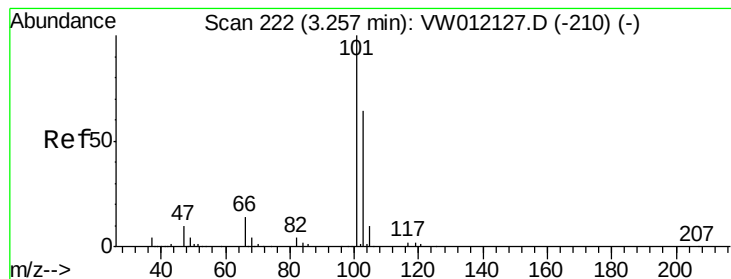
Tgt Ion: 64 Resp: 50814

Ion Ratio Lower Upper

64 100

66 30.5 23.8 35.8



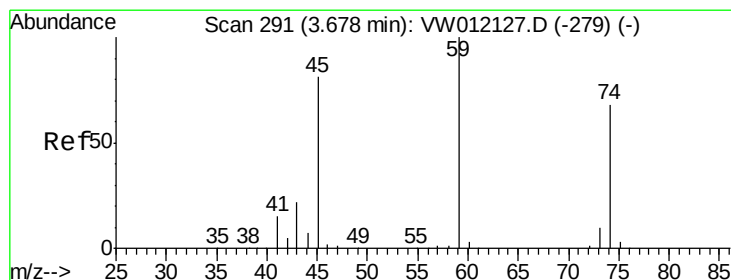
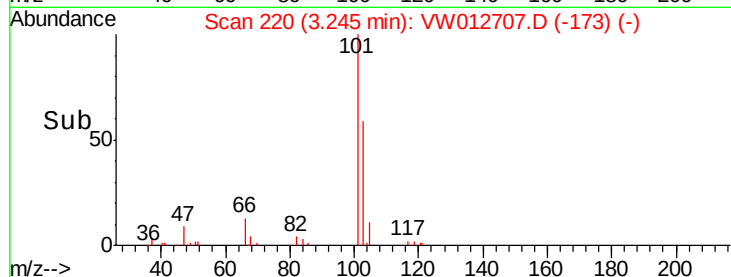
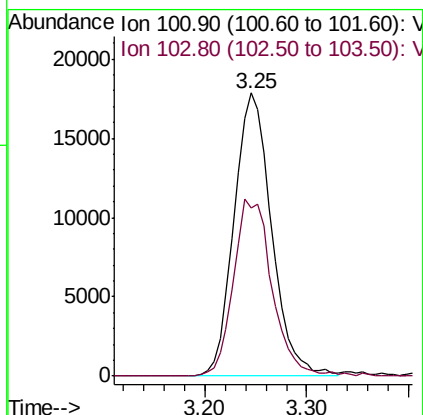
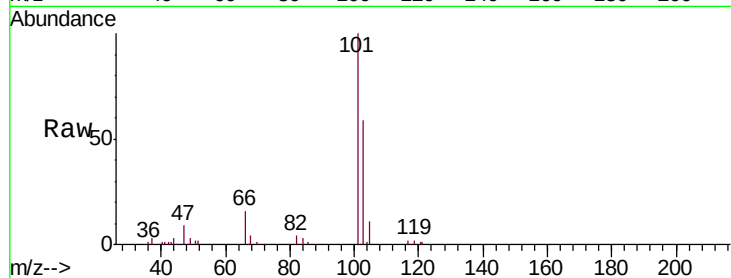


#7

Trichlorofluoromethane
 Concen: 43.342 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW012707.D
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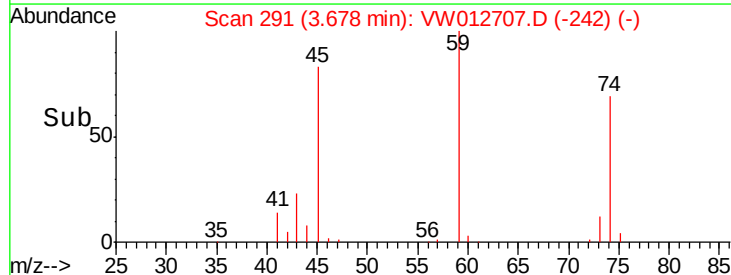
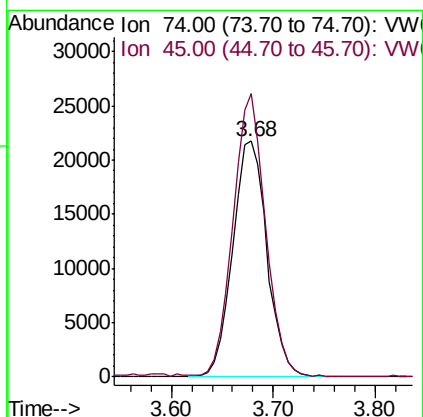
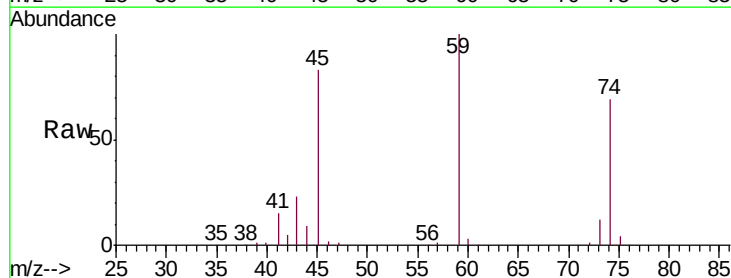
Tgt Ion:101 Resp: 45607
 Ion Ratio Lower Upper
 101 100
 103 59.3 51.2 76.8

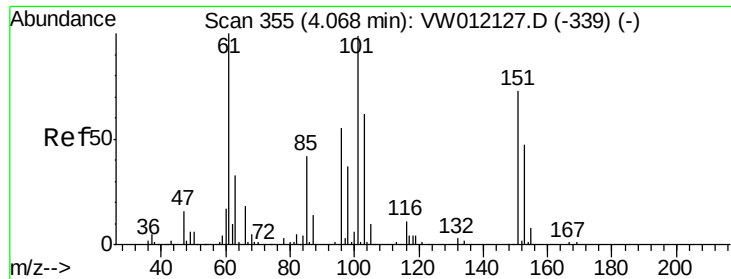


#8

Diethyl Ether
 Concen: 50.628 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW012707.D
 Acq: 06 Sep 2019 22:57

Tgt Ion: 74 Resp: 50567
 Ion Ratio Lower Upper
 74 100
 45 114.4 59.2 177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.064 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012707.D

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VSTDCCC050EC

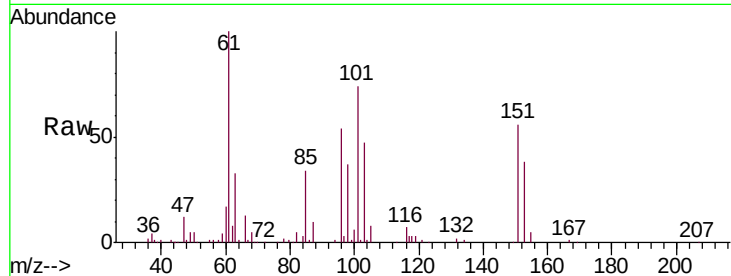
Tgt Ion:101 Resp: 78814

Ion Ratio Lower Upper

101 100

85 45.5 35.8 53.6

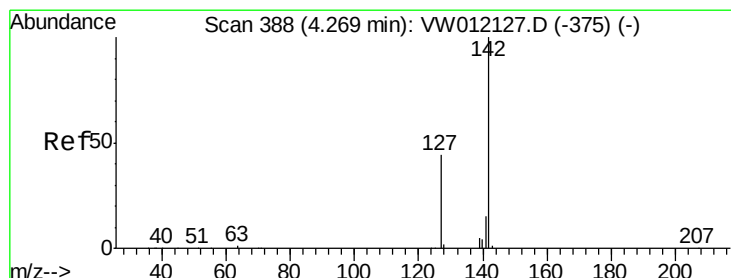
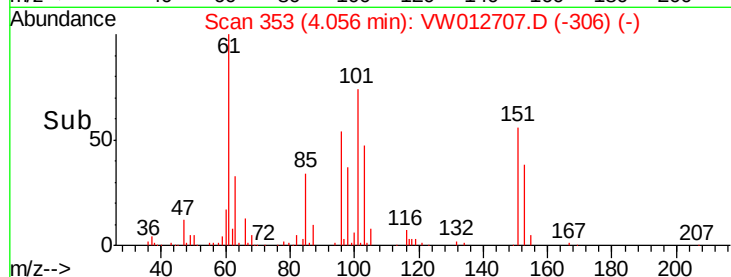
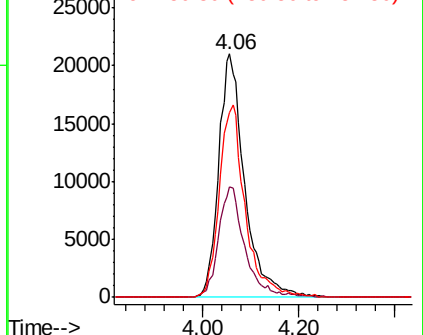
151 78.9 58.6 87.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.387 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW012707.D

Acq: 06 Sep 2019 22:57

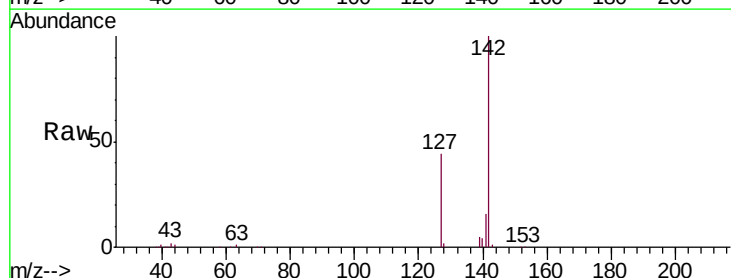
Tgt Ion:142 Resp: 119520

Ion Ratio Lower Upper

142 100

127 44.4 35.5 53.3

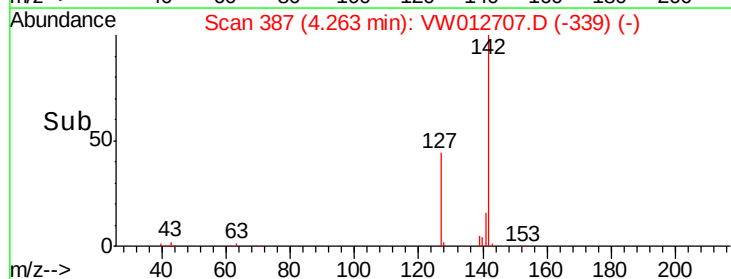
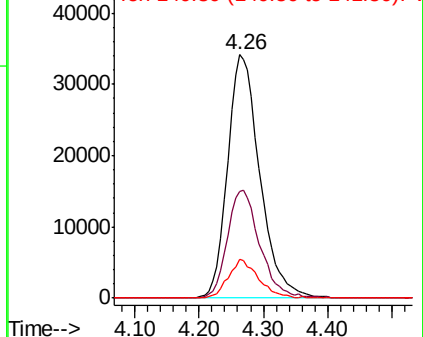
141 14.9 11.8 17.8

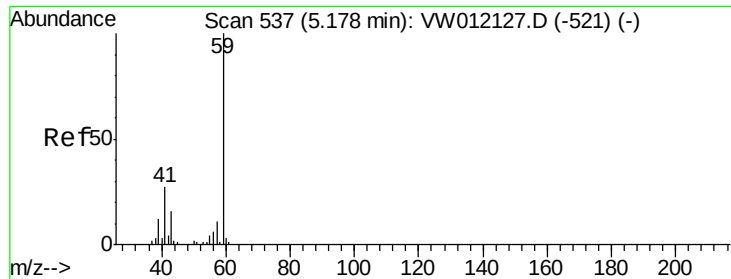


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



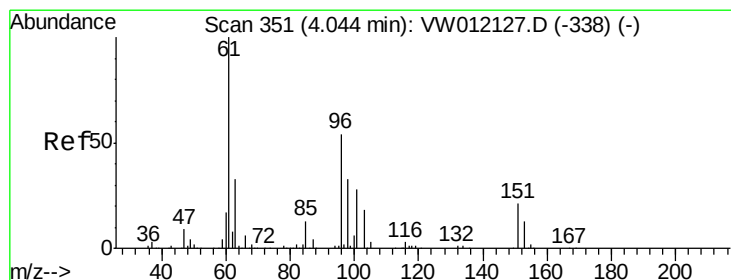
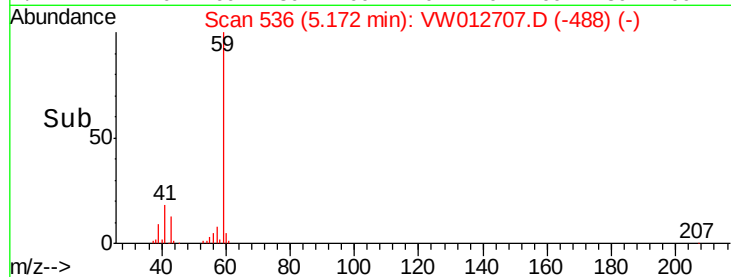
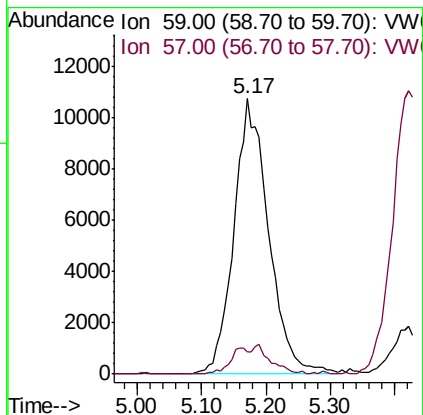
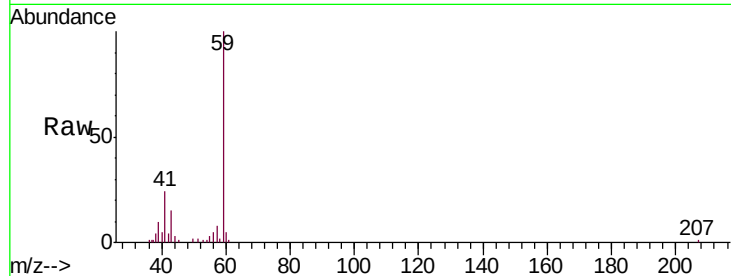


#11

Tert butyl alcohol
Concen: 312.007 ug/l
RT: 5.17 min Scan# 536
Delta R.T. -0.01 min
Lab File: VW012707.D
Acq: 06 Sep 2019 22:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

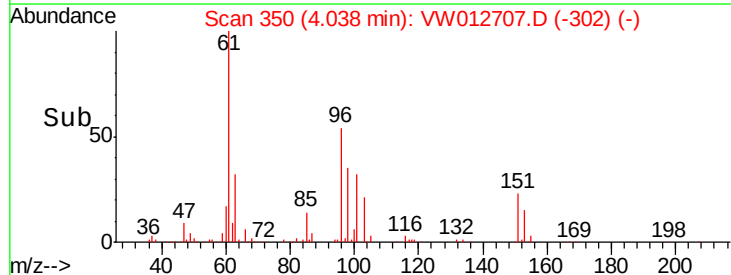
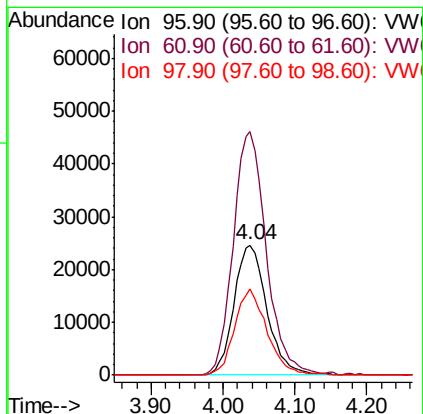
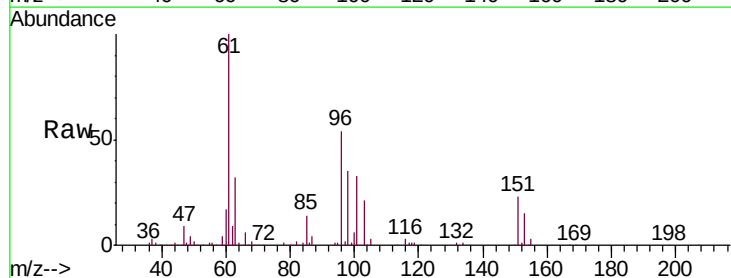
Tgt Ion: 59 Resp: 40061
Ion Ratio Lower Upper
59 100
57 5.8 9.0 13.4#

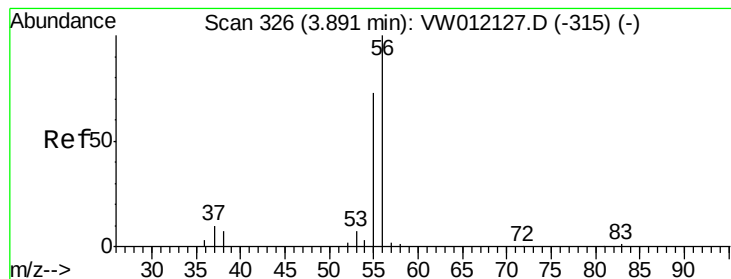


#12

1,1-Dichloroethene
Concen: 43.625 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW012707.D
Acq: 06 Sep 2019 22:57

Tgt Ion: 96 Resp: 78536
Ion Ratio Lower Upper
96 100
61 186.9 149.1 223.7
98 65.7 49.4 74.2





#13

Acrolein

Concen: 233.503 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW012707.D

Acq: 06 Sep 2019 22:57

Instrument :

MSVOA_W

ClientSampleId :

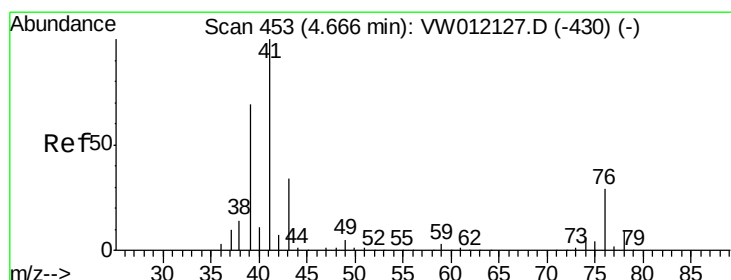
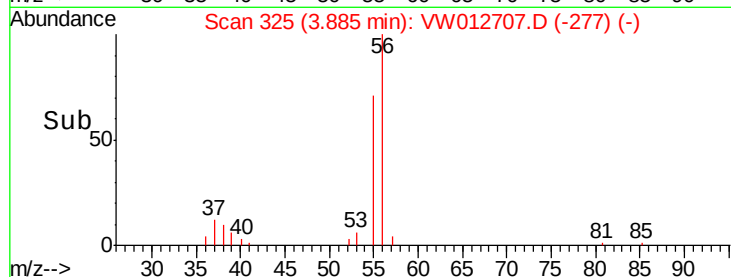
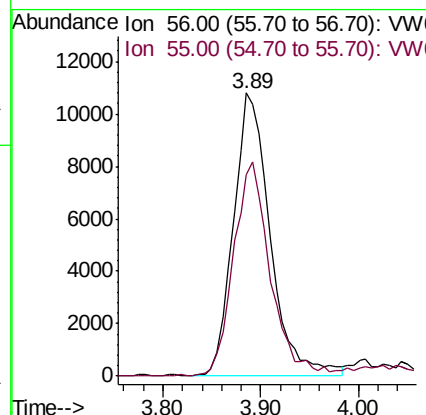
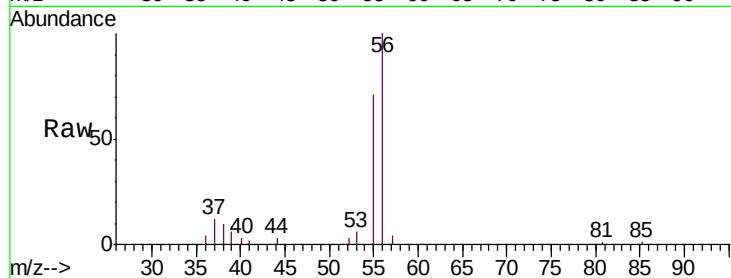
VSTDCCC050EC

Tgt Ion: 56 Resp: 28222

Ion Ratio Lower Upper

56 100

55 75.7 55.8 83.8



#14

Allyl chloride

Concen: 44.813 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012707.D

Acq: 06 Sep 2019 22:57

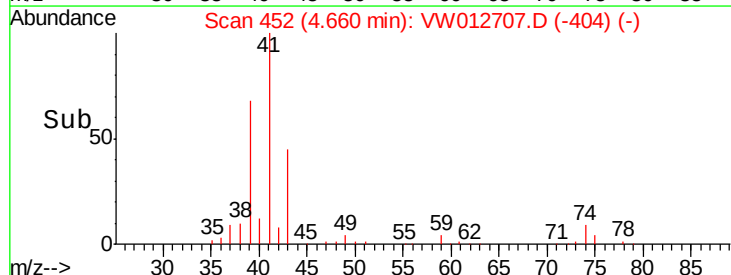
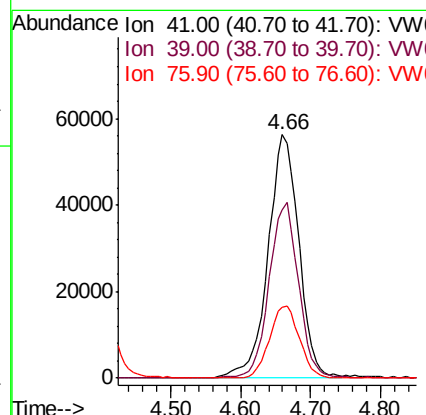
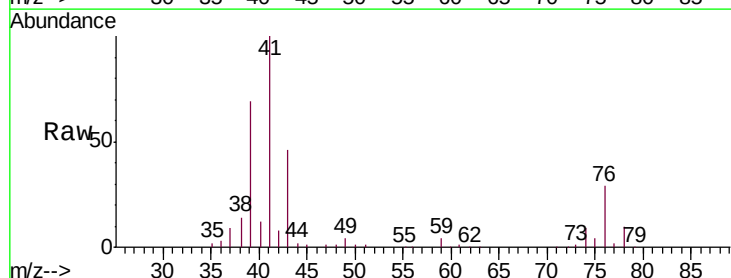
Tgt Ion: 41 Resp: 172472

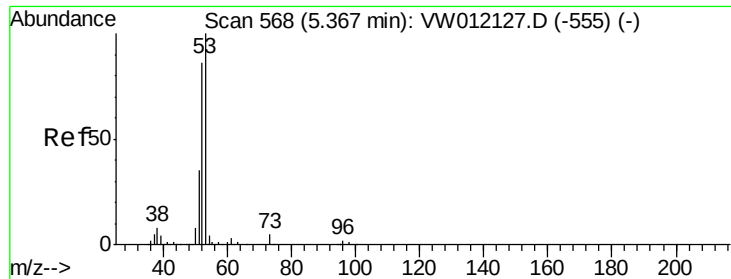
Ion Ratio Lower Upper

41 100

39 68.5 53.4 80.2

76 28.9 22.1 33.1





#15

Acrylonitrile

Concen: 277.251 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012707.D

Acq: 06 Sep 2019 22:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

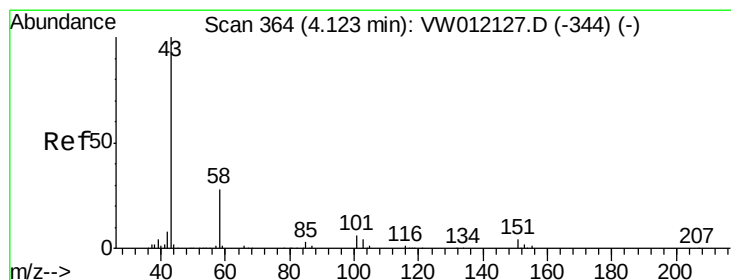
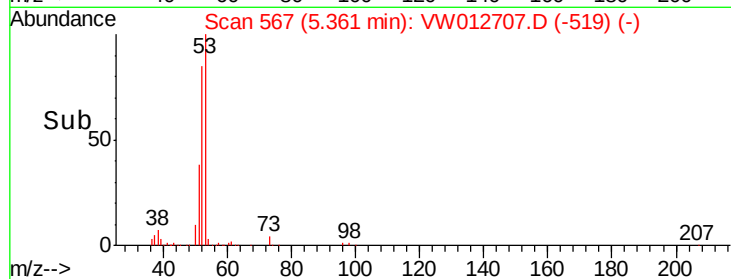
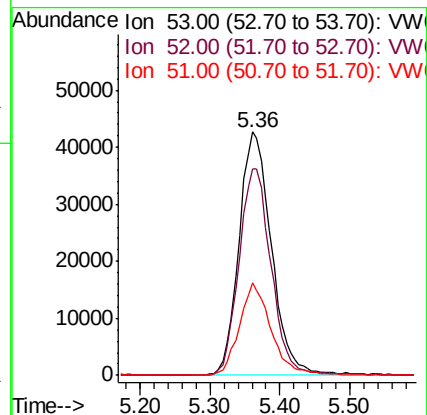
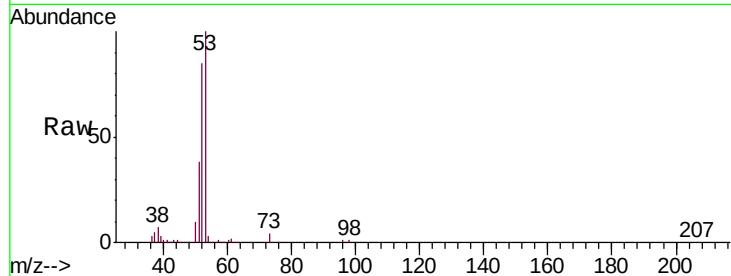
Tgt Ion: 53 Resp: 137258

Ion Ratio Lower Upper

53 100

52 83.9 66.7 100.1

51 37.2 30.1 45.1



#16

Acetone

Concen: 221.945 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW012707.D

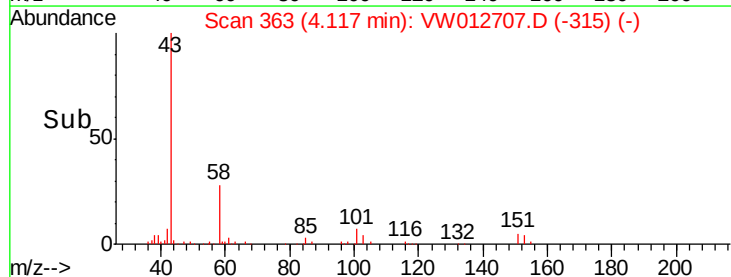
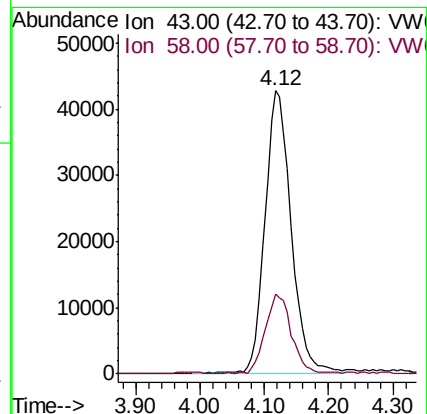
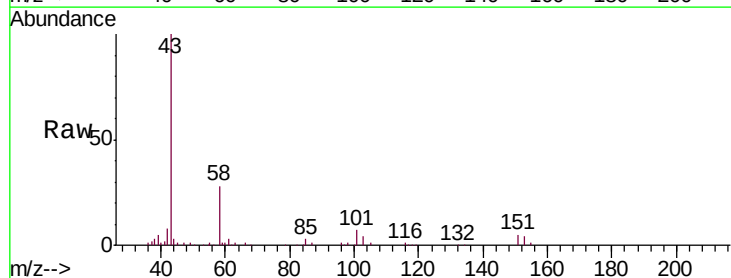
Acq: 06 Sep 2019 22:57

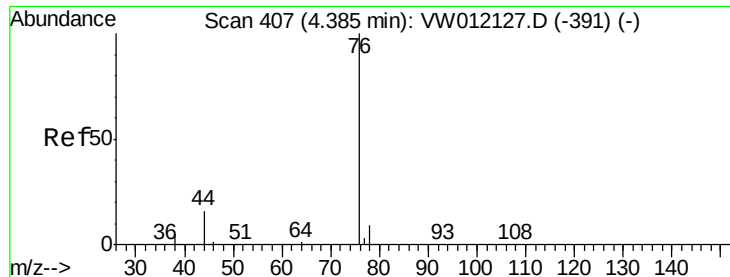
Tgt Ion: 43 Resp: 121046

Ion Ratio Lower Upper

43 100

58 27.9 22.4 33.6

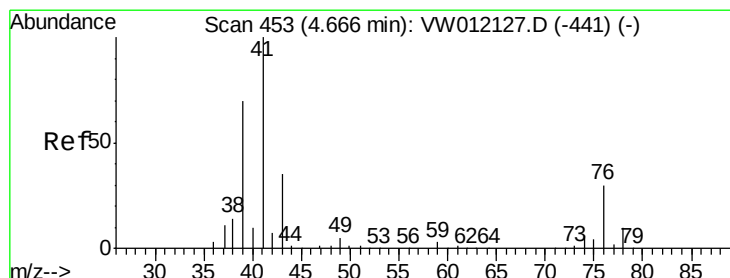
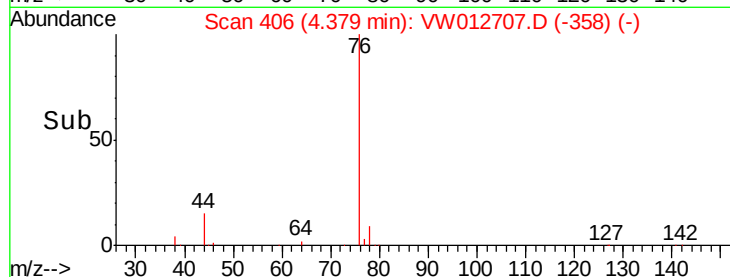
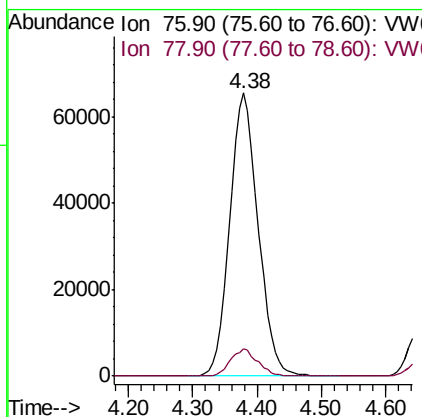
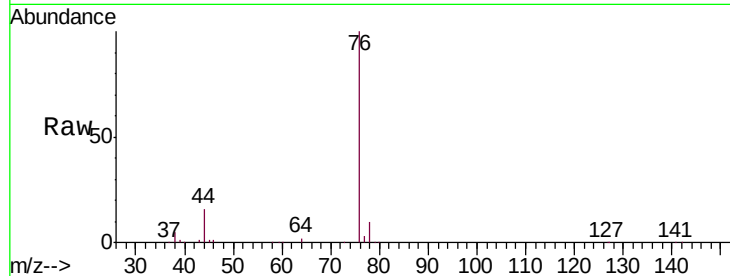




#17
Carbon Disulfide
Concen: 37.053 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW012707.D
Acq: 06 Sep 2019 22:57

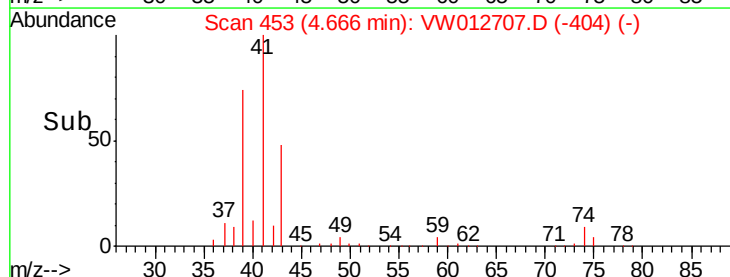
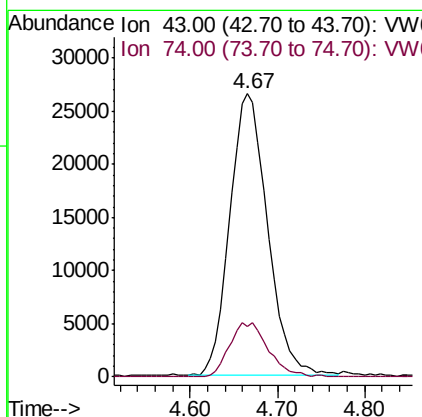
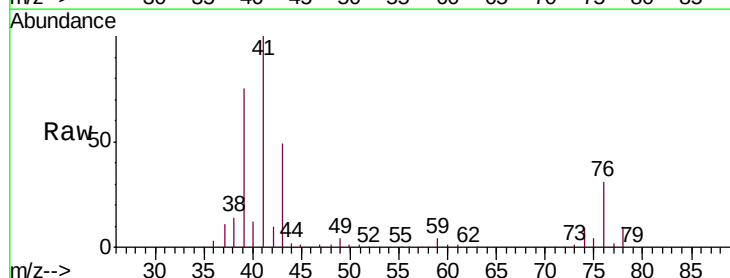
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

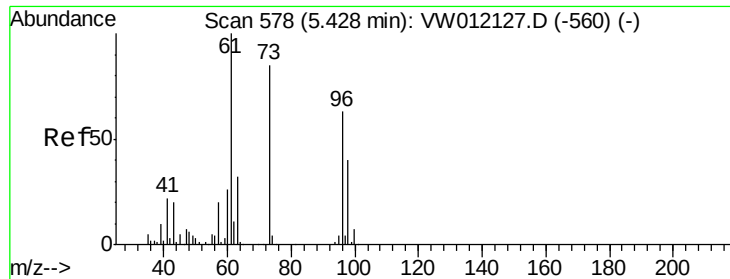
Tgt Ion: 76 Resp: 201596
Ion Ratio Lower Upper
76 100
78 9.7 7.3 10.9



#18
Methyl Acetate
Concen: 58.788 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW012707.D
Acq: 06 Sep 2019 22:57

Tgt Ion: 43 Resp: 79412
Ion Ratio Lower Upper
43 100
74 20.0 15.7 23.5

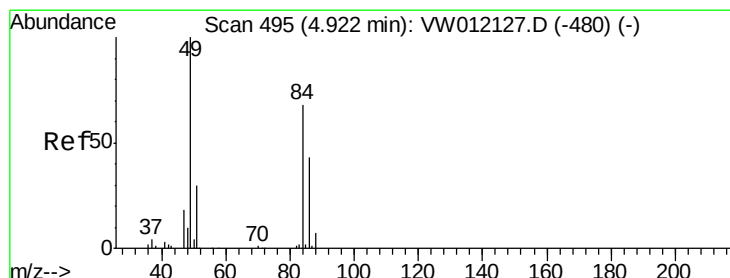
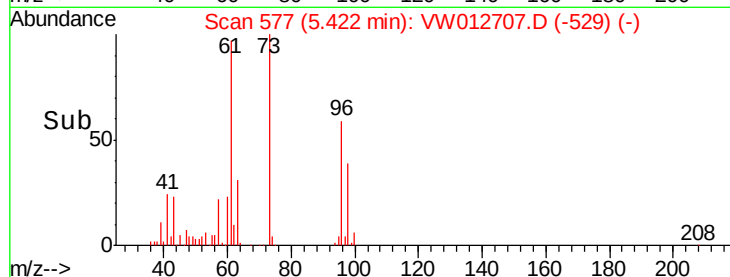
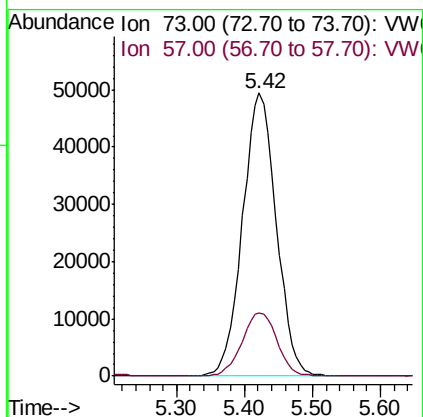
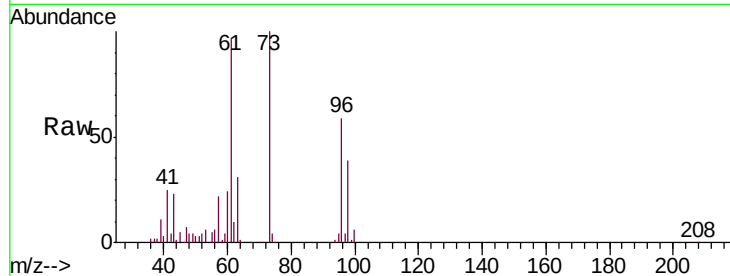




#19
Methyl tert-butyl Ether
Concen: 58.553 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012707.D
Acq: 06 Sep 2019 22:57

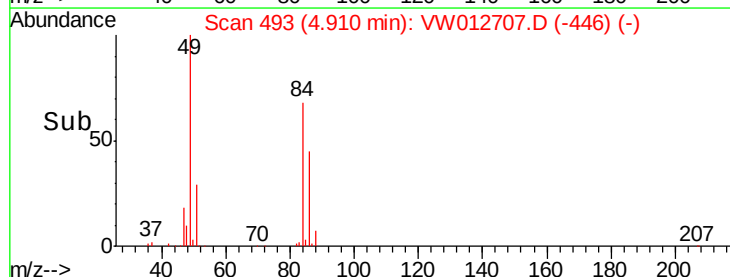
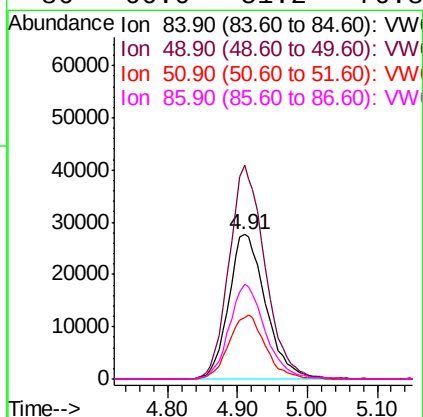
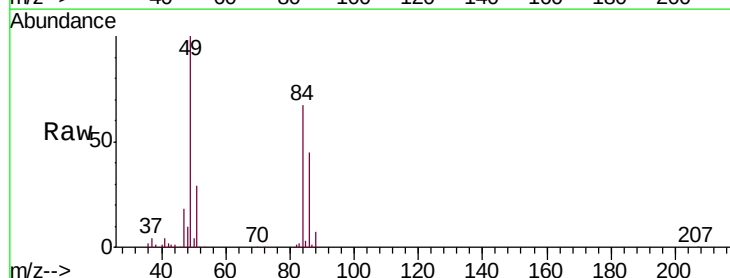
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

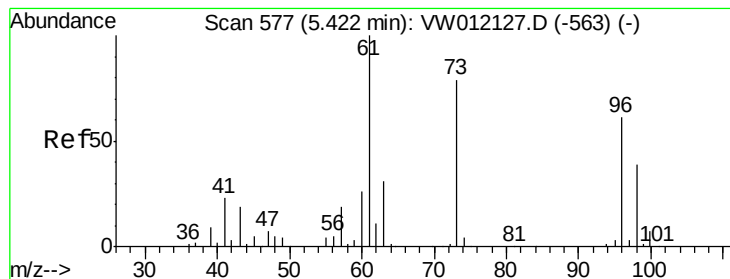
Tgt Ion: 73 Resp: 170466
Ion Ratio Lower Upper
73 100
57 22.4 18.9 28.3



#20
Methylene Chloride
Concen: 49.340 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012707.D
Acq: 06 Sep 2019 22:57

Tgt Ion: 84 Resp: 101729
Ion Ratio Lower Upper
84 100
49 148.2 117.8 176.8
51 43.1 35.6 53.4
86 66.0 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 46.935 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW012707.D

Acq: 06 Sep 2019 22:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

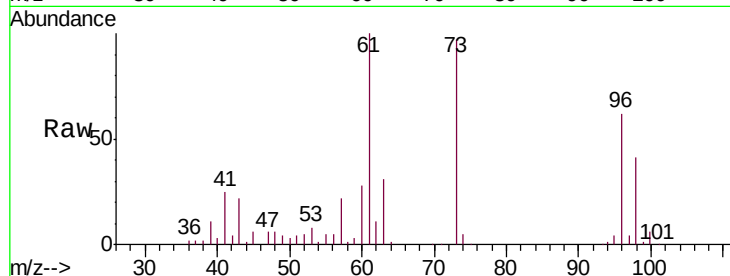
Tgt Ion: 96 Resp: 90608

Ion Ratio Lower Upper

96 100

61 160.8 131.4 197.0

98 65.6 51.4 77.0

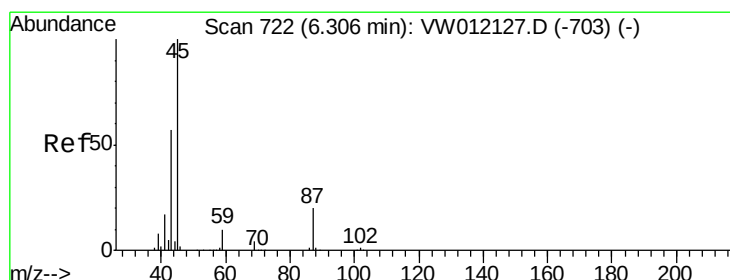
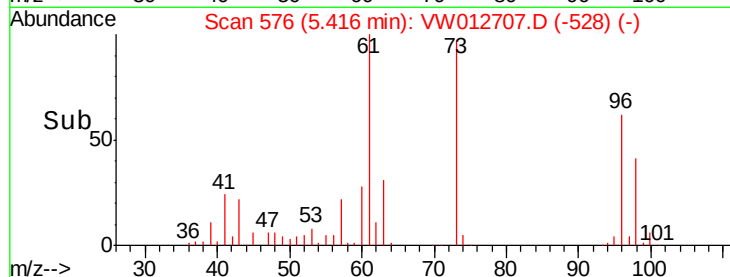
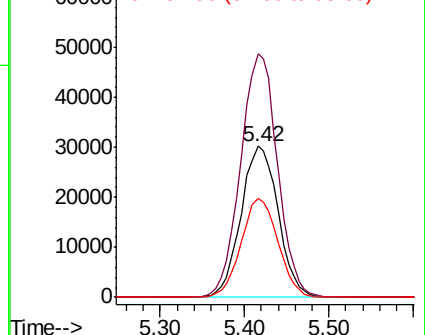


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 50.164 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW012707.D

Acq: 06 Sep 2019 22:57

Tgt Ion: 45 Resp: 357867

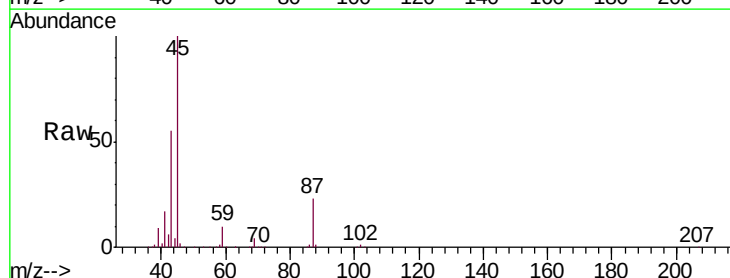
Ion Ratio Lower Upper

45 100

43 55.1 45.5 68.3

87 22.7 16.1 24.1

59 10.4 8.2 12.2



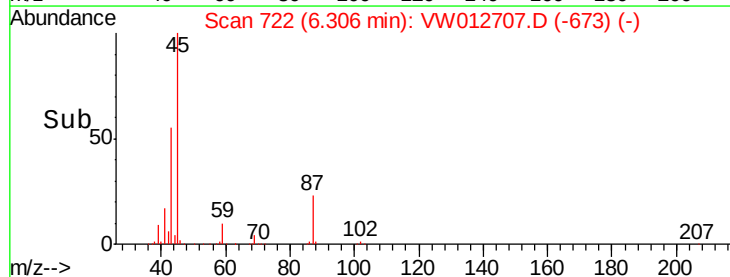
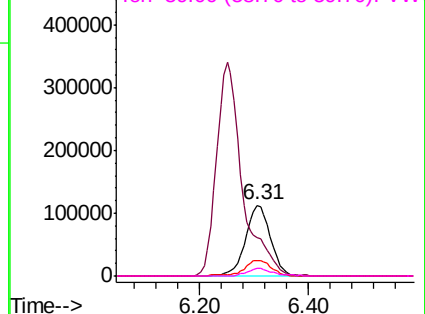
Abundance

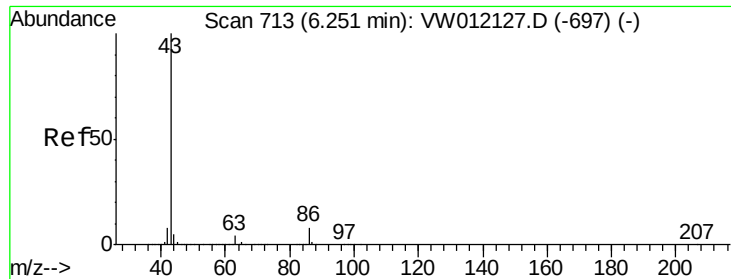
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW

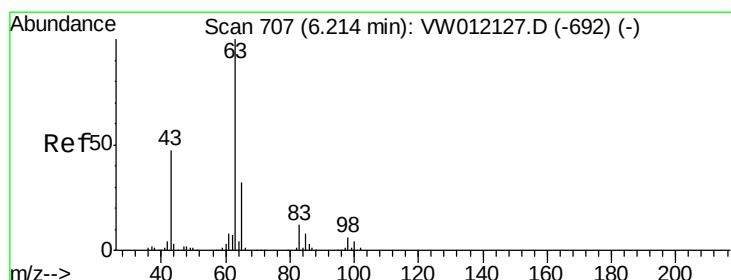
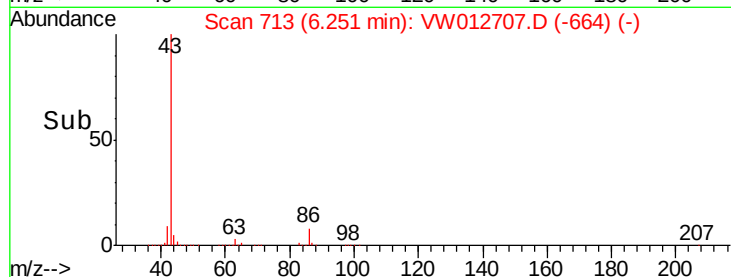
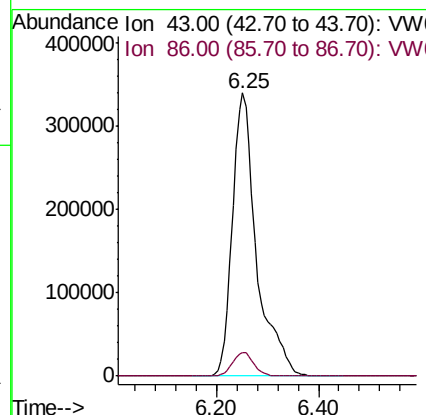
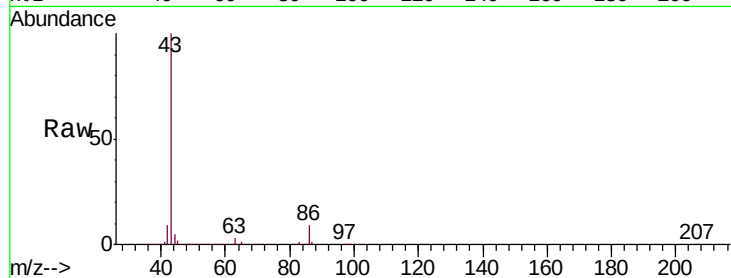




#23
 Vinyl Acetate
 Concen: 254.923 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VW012707.D
 Acq: 06 Sep 2019 22:57

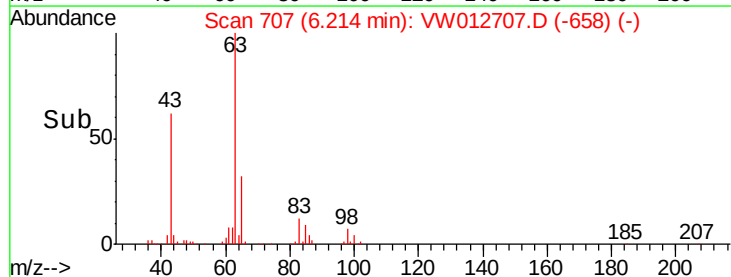
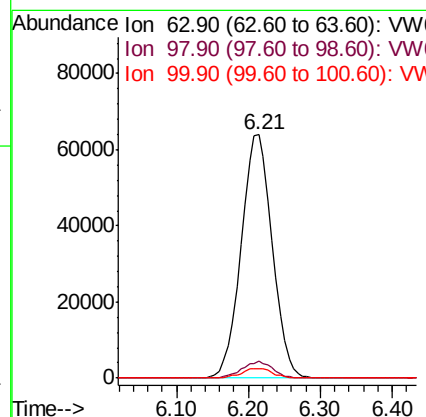
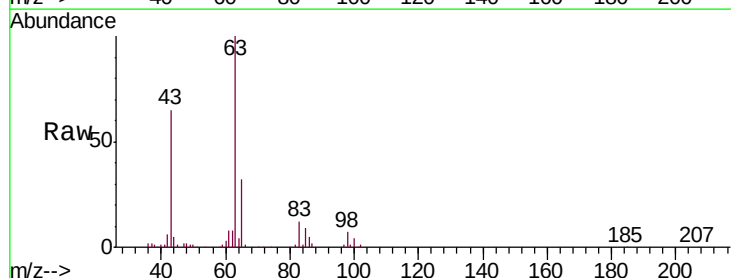
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

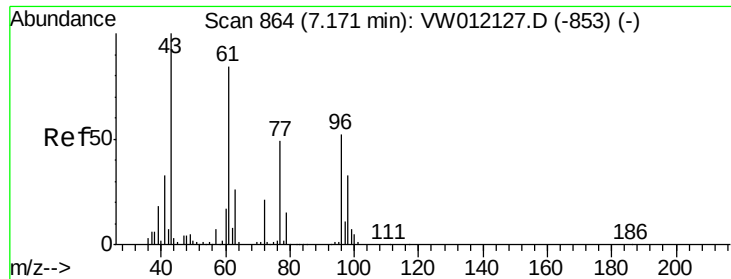
Tgt Ion: 43 Resp: 1119197
 Ion Ratio Lower Upper
 43 100
 86 8.5 6.5 9.7



#24
 1,1-Dichloroethane
 Concen: 49.307 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VW012707.D
 Acq: 06 Sep 2019 22:57

Tgt Ion: 63 Resp: 191525
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.0 9.2
 100 3.7 2.0 6.0





#25

2-Butanone

Concen: 258.382 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW012707.D

Acq: 06 Sep 2019 22:57

Instrument :

MSVOA_W

ClientSampleId :

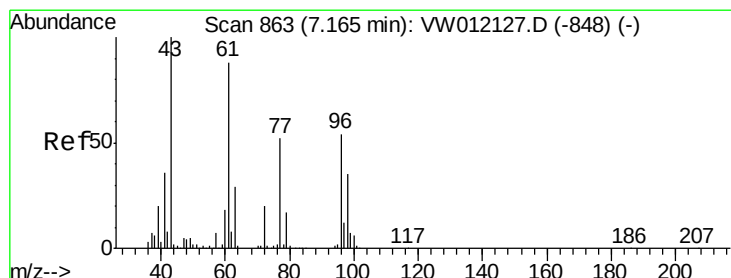
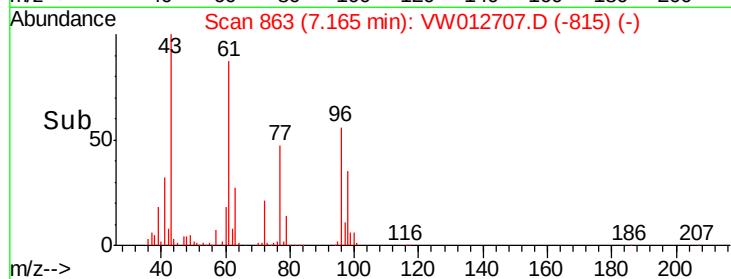
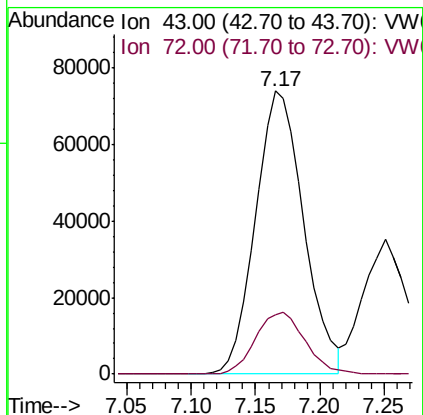
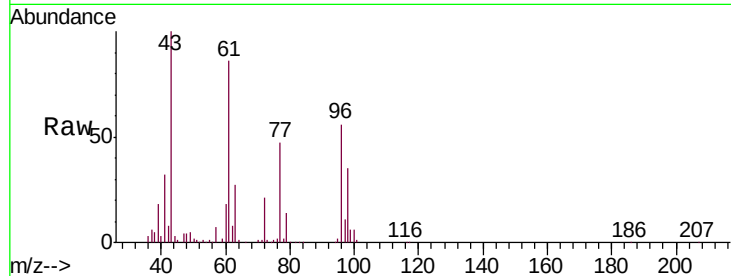
VSTDCCC050EC

Tgt Ion: 43 Resp: 191492

Ion Ratio Lower Upper

43 100

72 20.8 16.6 24.8



#26

2,2-Dichloropropane

Concen: 45.413 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW012707.D

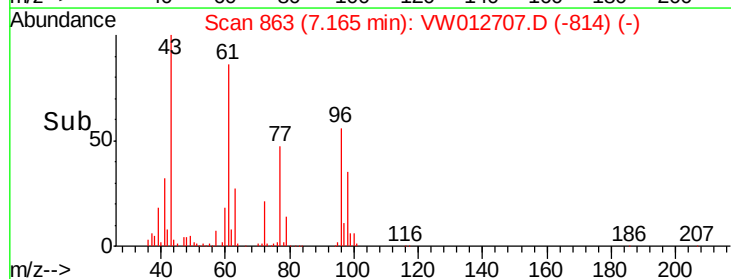
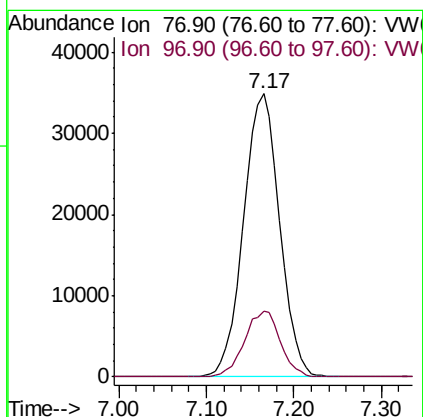
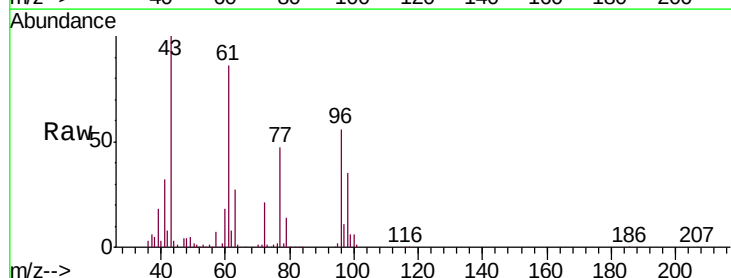
Acq: 06 Sep 2019 22:57

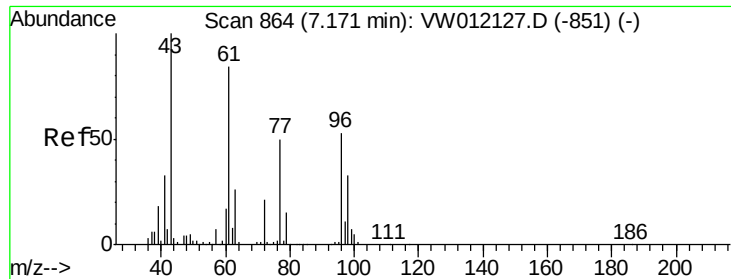
Tgt Ion: 77 Resp: 99843

Ion Ratio Lower Upper

77 100

97 23.1 11.1 33.1



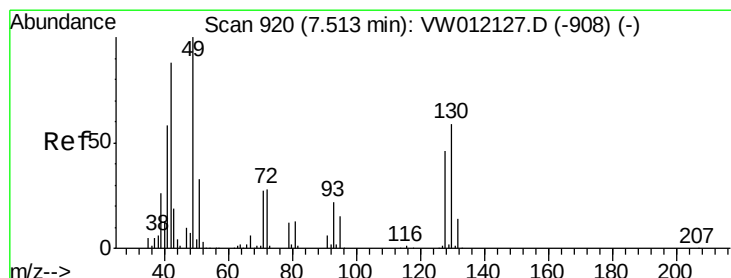
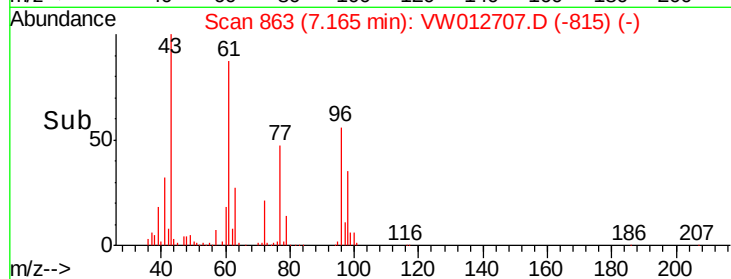
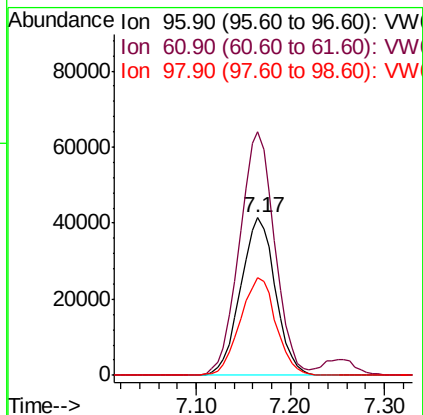
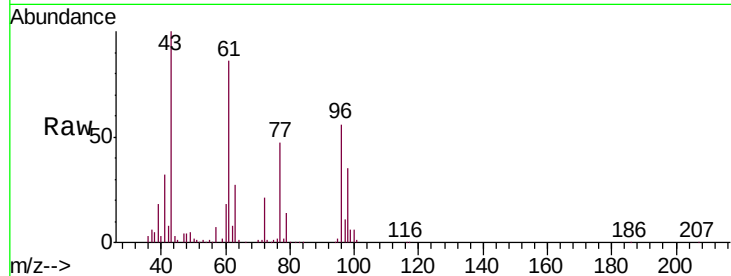


#27

cis-1,2-Dichloroethene
Concen: 52.092 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012707.D
Acq: 06 Sep 2019 22:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

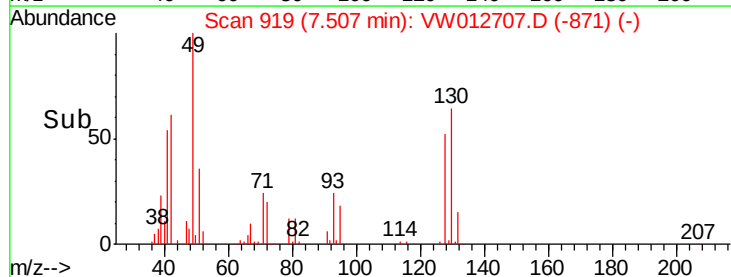
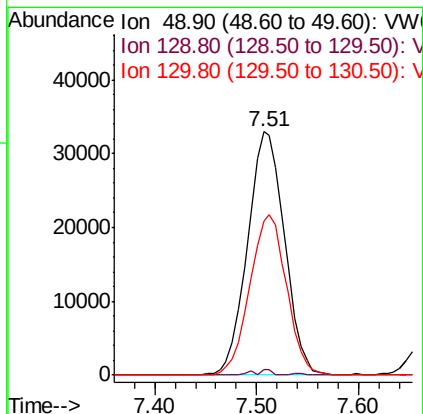
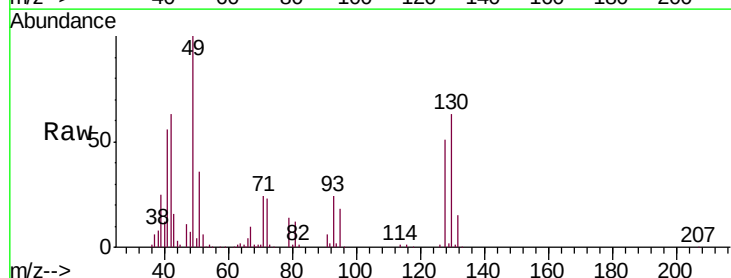
Tgt Ion: 96 Resp: 107444
Ion Ratio Lower Upper
96 100
61 156.1 0.0 326.6
98 63.7 0.0 127.4

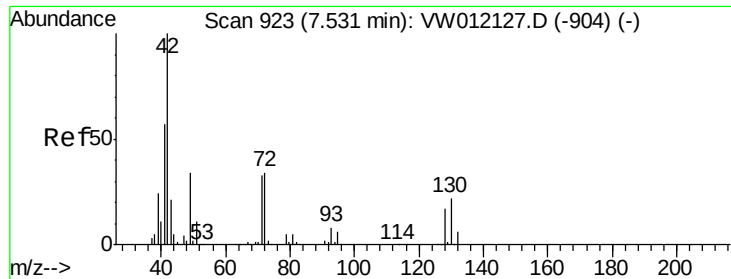


#28

Bromochloromethane
Concen: 49.052 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW012707.D
Acq: 06 Sep 2019 22:57

Tgt Ion: 49 Resp: 83044
Ion Ratio Lower Upper
49 100
129 1.1 0.0 1.4
130 65.6 45.5 68.3

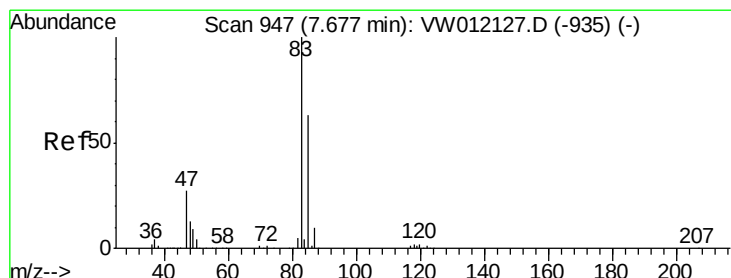
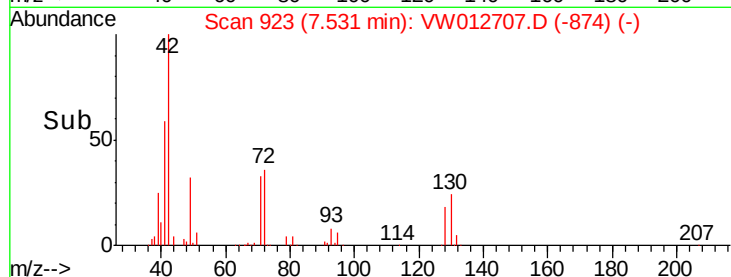
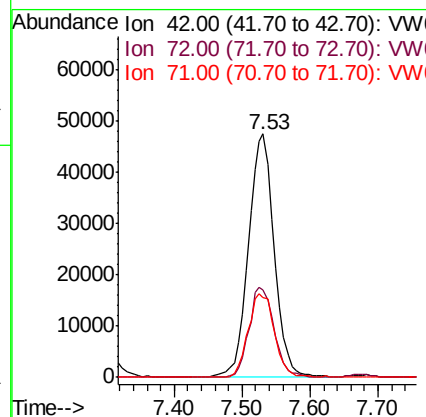
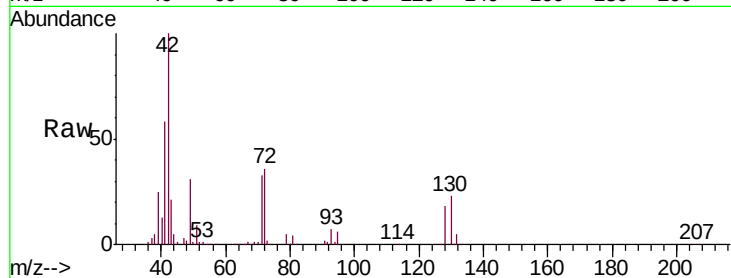




#29
Tetrahydrofuran
Concen: 280.872 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW012707.D
Acq: 06 Sep 2019 22:57

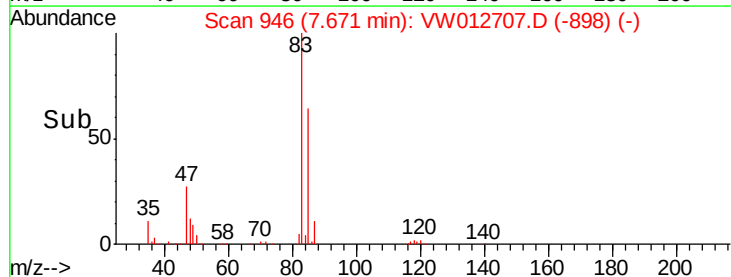
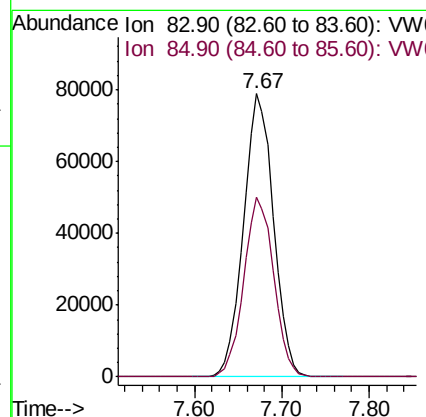
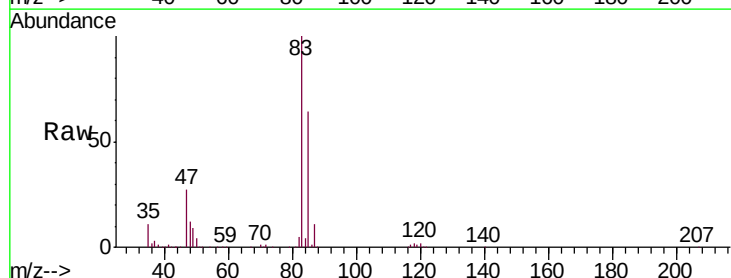
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

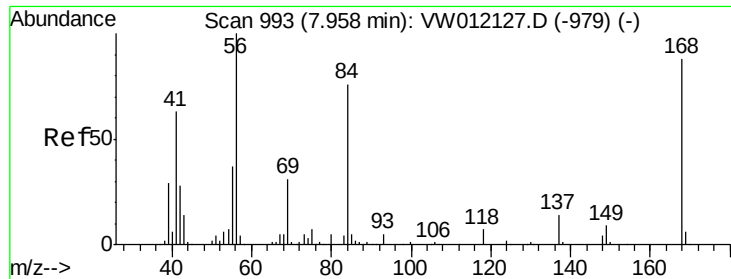
Tgt Ion: 42 Resp: 124887
Ion Ratio Lower Upper
42 100
72 36.2 27.3 40.9
71 35.0 25.5 38.3



#30
Chloroform
Concen: 52.891 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012707.D
Acq: 06 Sep 2019 22:57

Tgt Ion: 83 Resp: 187960
Ion Ratio Lower Upper
83 100
85 63.7 50.6 76.0

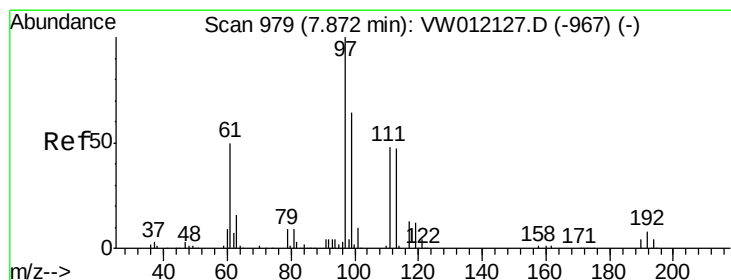
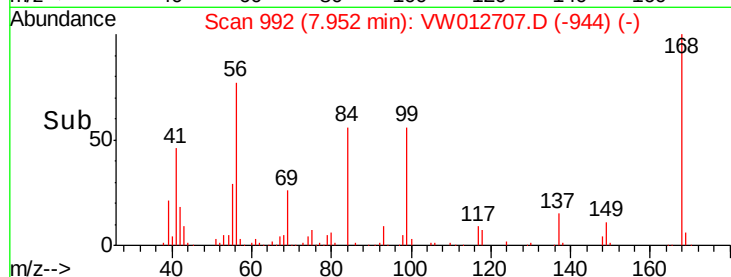
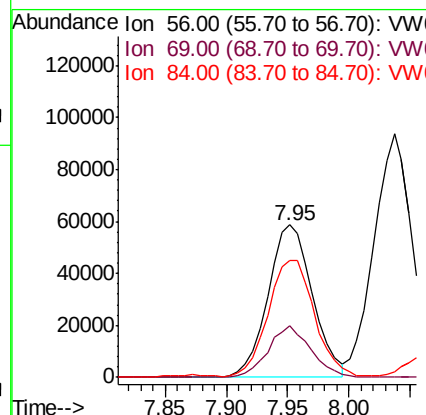
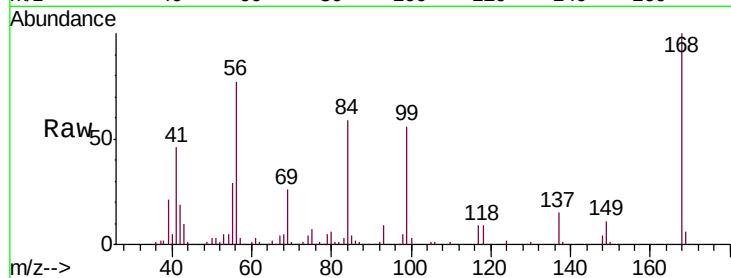




#31
Cyclohexane
Concen: 38.757 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW012707.D
Acq: 06 Sep 2019 22:57

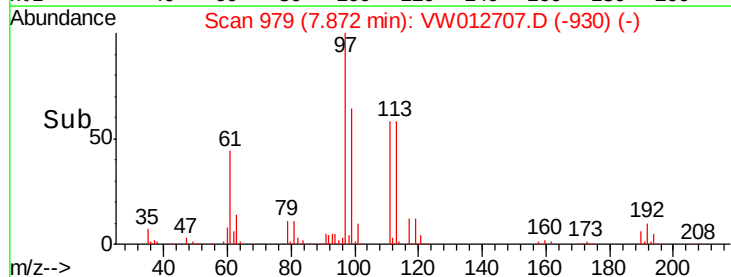
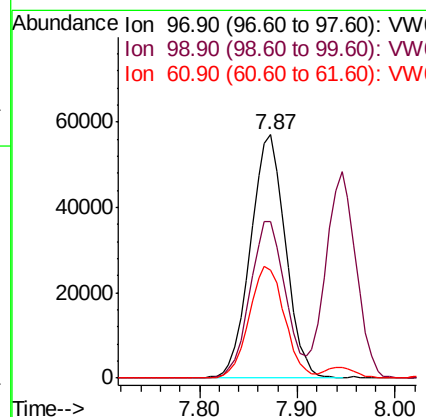
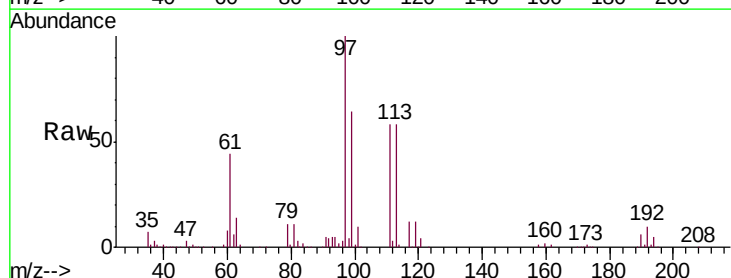
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

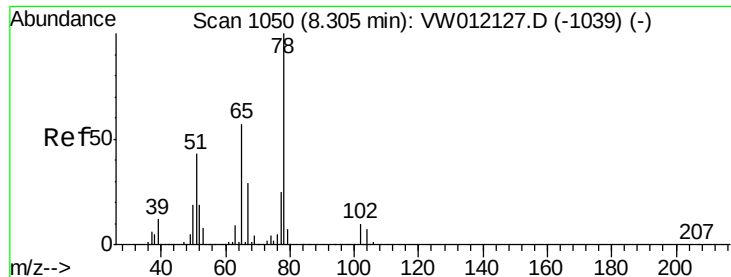
Tgt Ion: 56 Resp: 148945
Ion Ratio Lower Upper
56 100
69 33.8 24.9 37.3
84 75.3 60.6 90.8



#32
1,1,1-Trichloroethane
Concen: 50.540 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW012707.D
Acq: 06 Sep 2019 22:57

Tgt Ion: 97 Resp: 142082
Ion Ratio Lower Upper
97 100
99 65.3 51.4 77.0
61 46.8 39.5 59.3

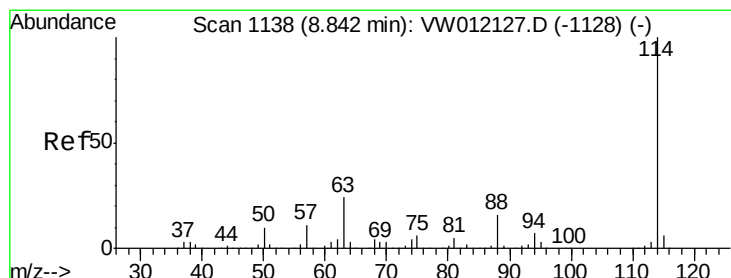
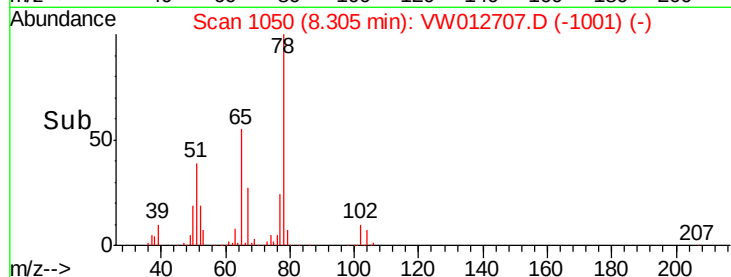
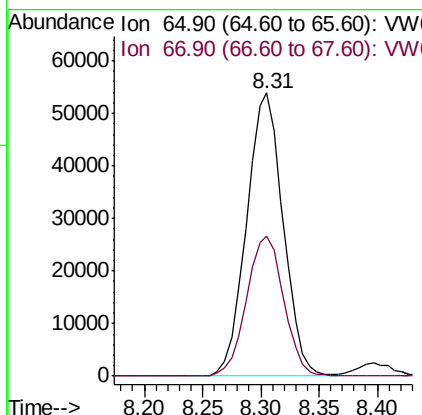
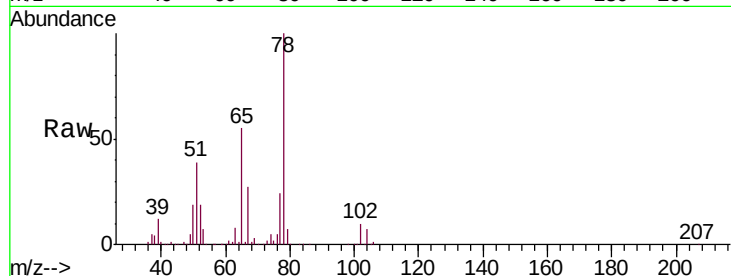




#33
 1,2-Dichloroethane-d4
 Concen: 55.083 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012707.D
 Acq: 06 Sep 2019 22:57

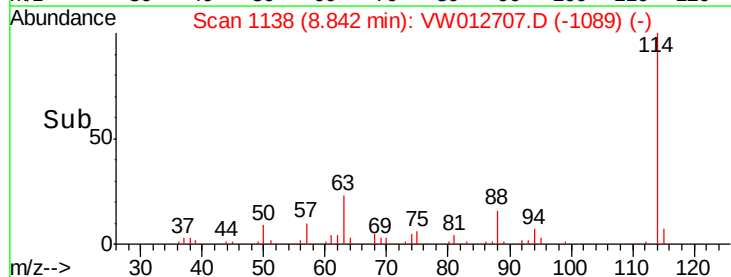
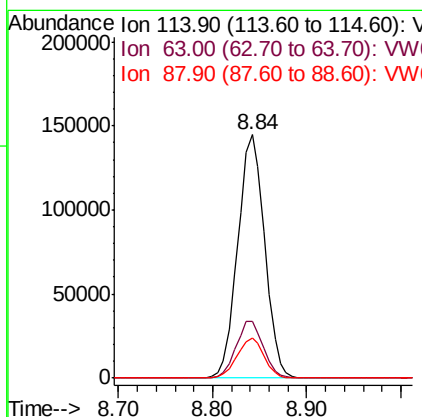
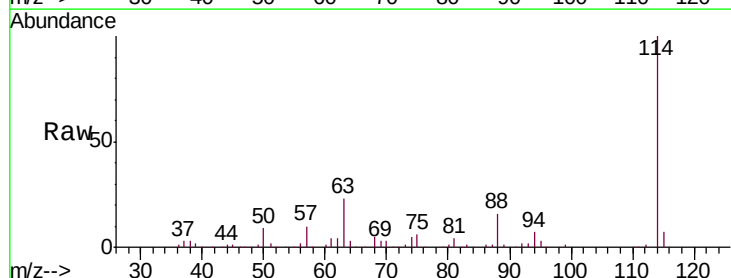
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

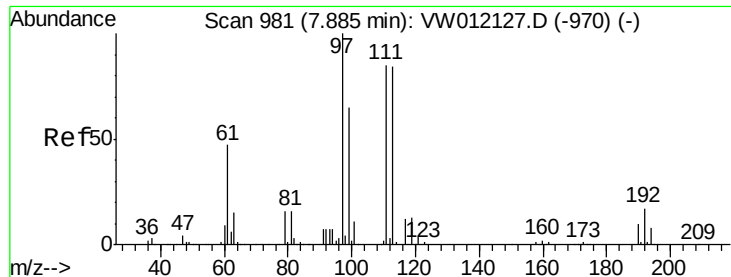
Tgt Ion: 65 Resp: 117524
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012707.D
 Acq: 06 Sep 2019 22:57

Tgt Ion: 114 Resp: 285784
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 48.6
 88 16.4 0.0 32.2

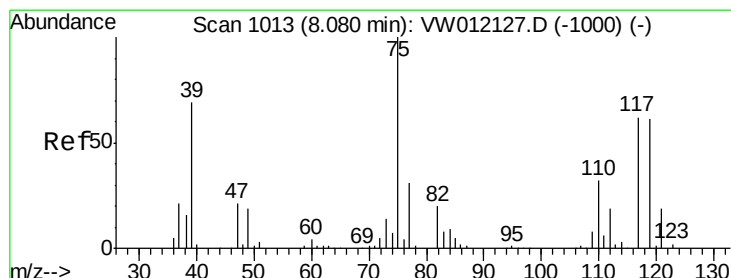
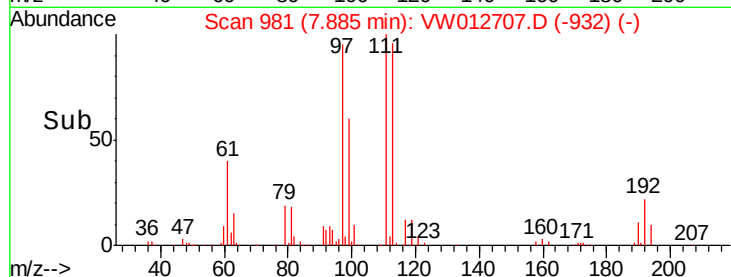
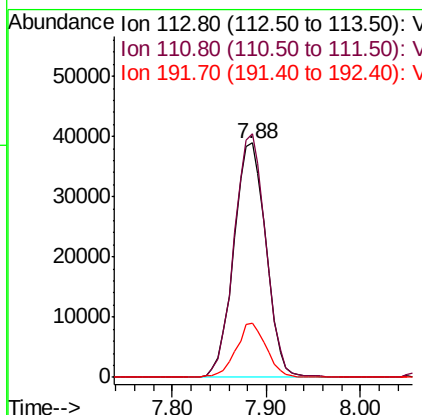
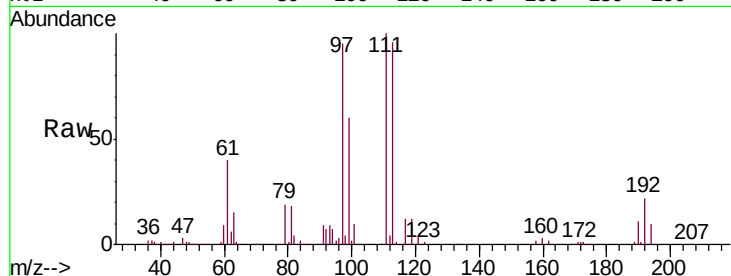




#35
 Dibromofluoromethane
 Concen: 54.395 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012707.D
 Acq: 06 Sep 2019 22:57

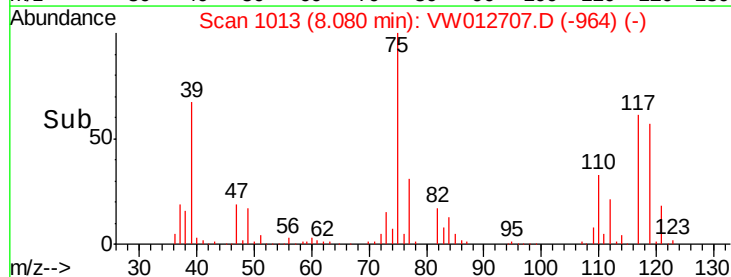
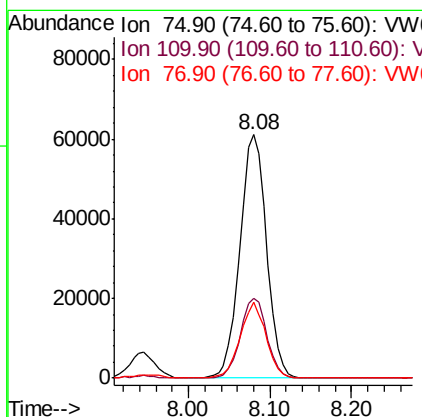
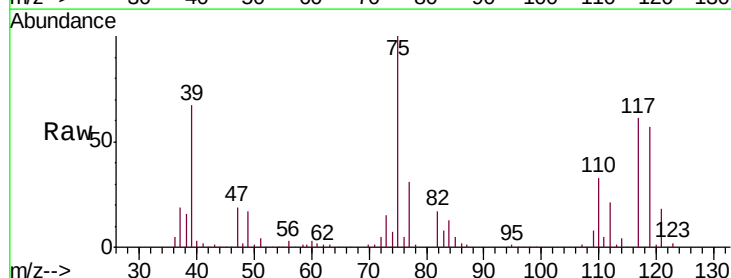
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

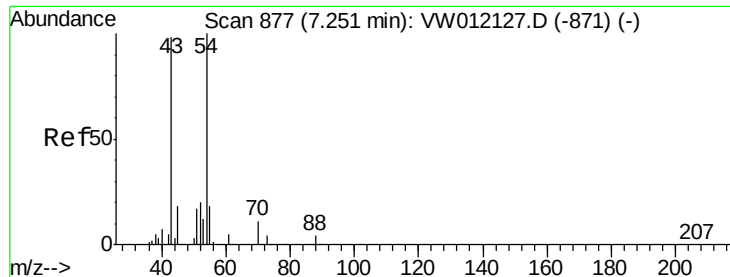
Tgt Ion:113 Resp: 92790
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.7 124.1
 192 21.7 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 46.741 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW012707.D
 Acq: 06 Sep 2019 22:57

Tgt Ion: 75 Resp: 138037
 Ion Ratio Lower Upper
 75 100
 110 32.5 15.6 46.8
 77 30.3 24.6 36.8

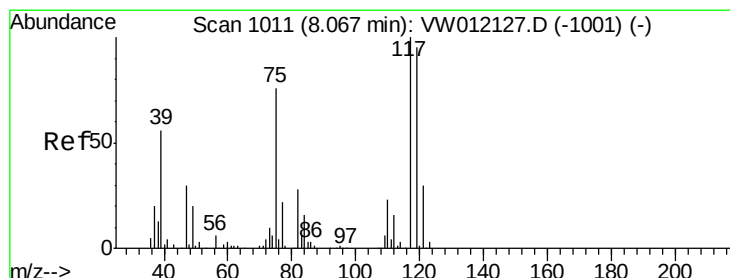
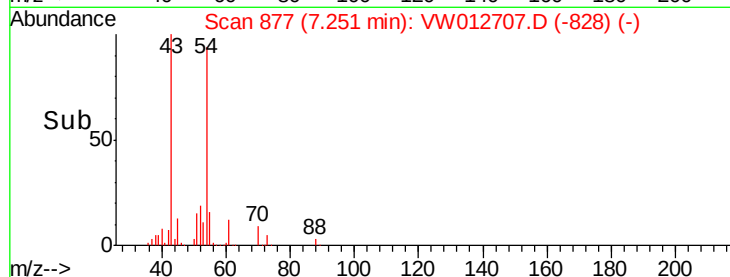
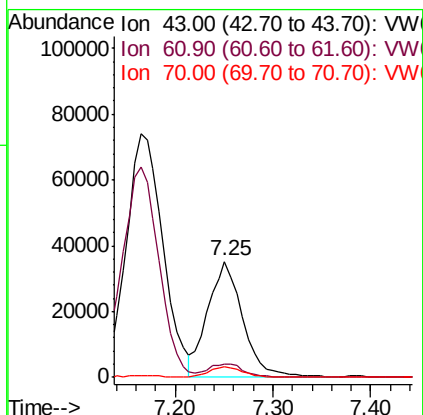
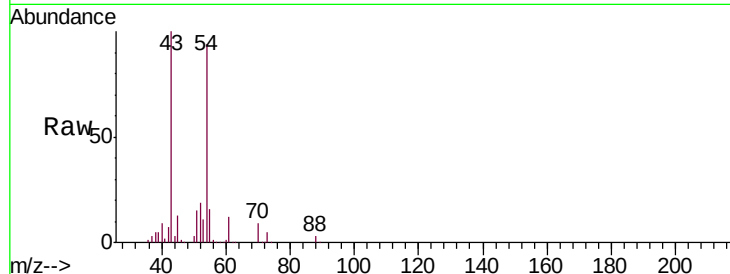




#37
Ethyl Acetate
Concen: 53.533 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW012707.D
Acq: 06 Sep 2019 22:57

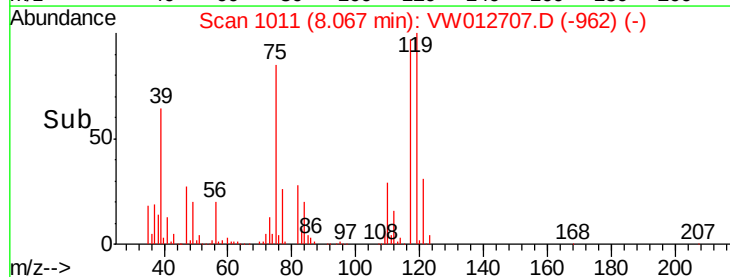
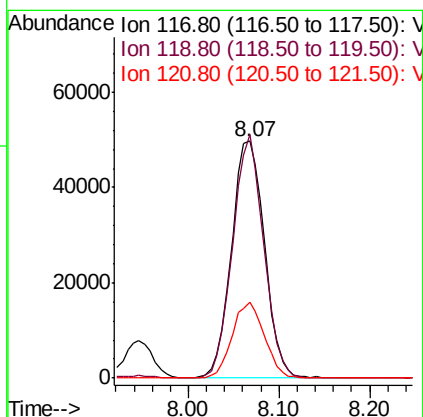
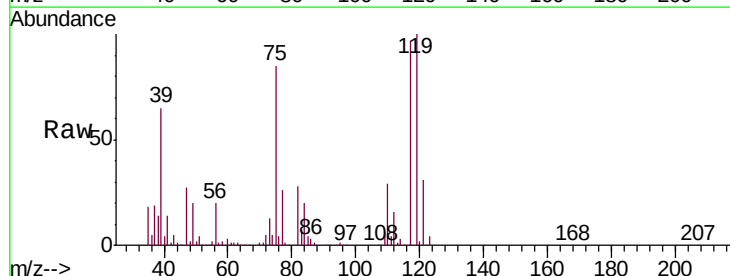
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

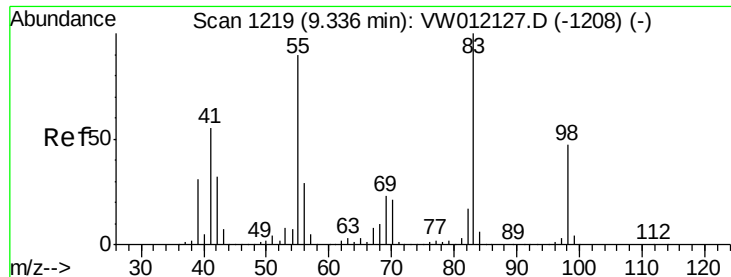
Tgt Ion: 43 Resp: 86635
Ion Ratio Lower Upper
43 100
61 12.5 9.2 13.8
70 8.9 6.9 10.3



#38
Carbon Tetrachloride
Concen: 49.142 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW012707.D
Acq: 06 Sep 2019 22:57

Tgt Ion: 117 Resp: 125611
Ion Ratio Lower Upper
117 100
119 102.7 76.2 114.2
121 32.0 23.8 35.8

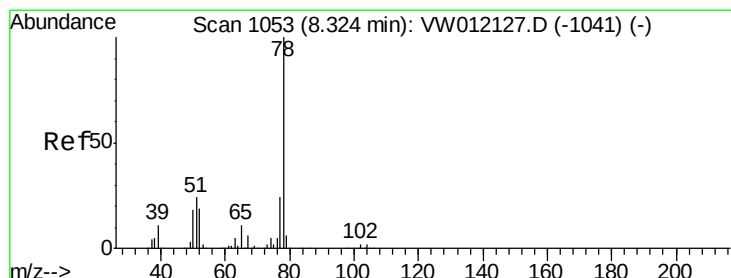
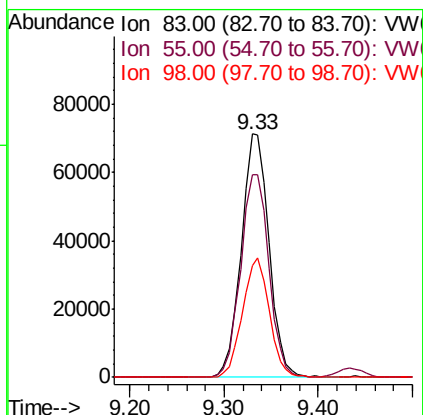
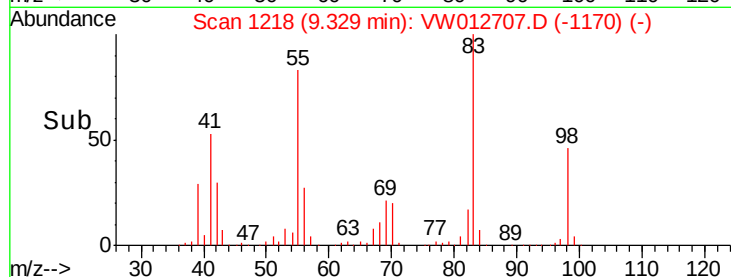
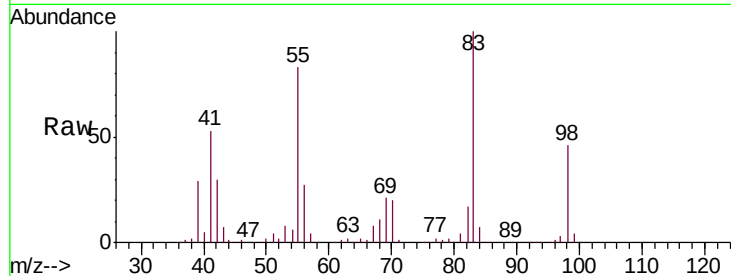




#39
Methylcyclohexane
Concen: 44.262 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW012707.D
Acq: 06 Sep 2019 22:57

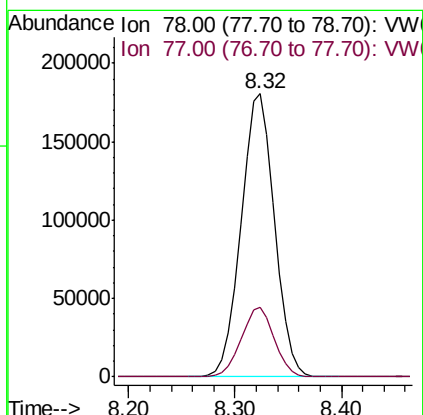
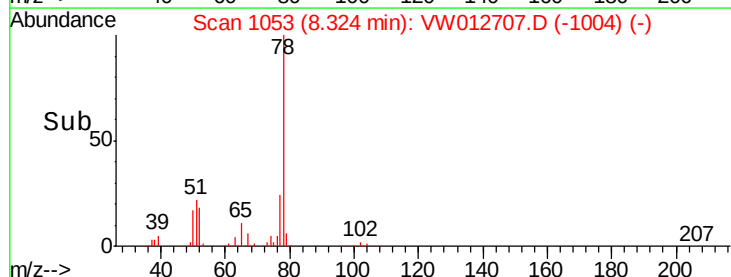
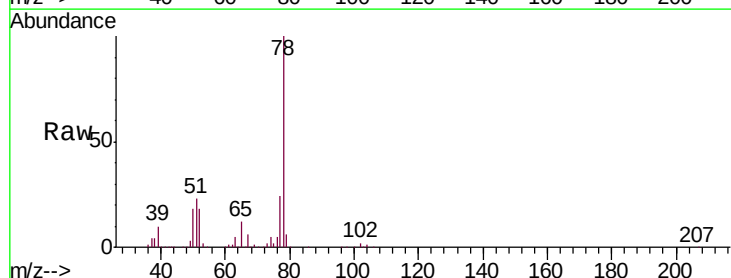
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

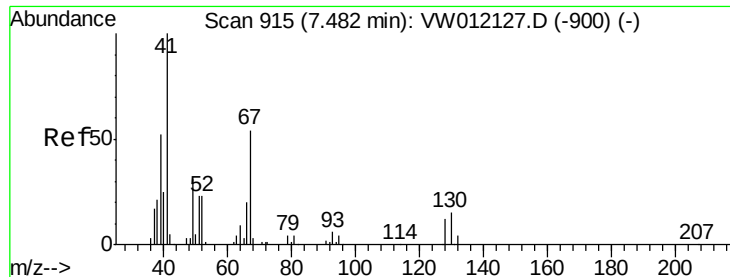
Tgt Ion: 83 Resp: 146849
Ion Ratio Lower Upper
83 100
55 83.5 71.8 107.8
98 45.9 37.8 56.8



#40
Benzene
Concen: 49.297 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW012707.D
Acq: 06 Sep 2019 22:57

Tgt Ion: 78 Resp: 397535
Ion Ratio Lower Upper
78 100
77 24.5 19.5 29.3

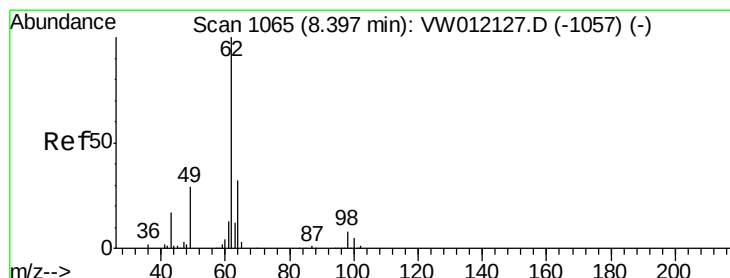
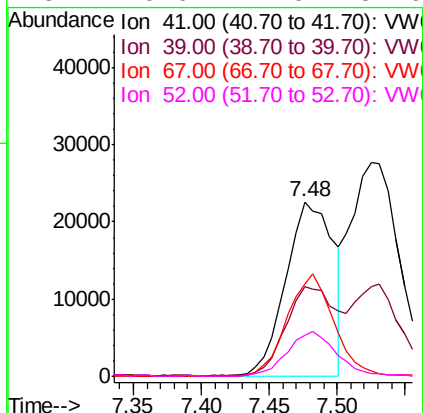
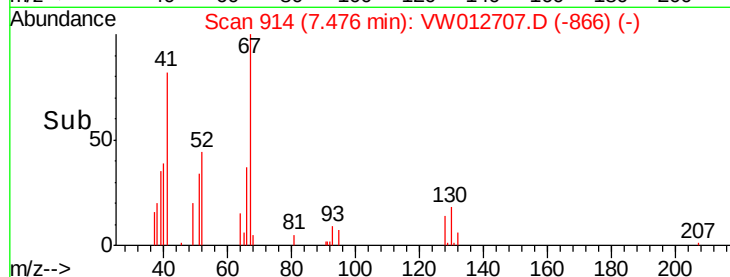
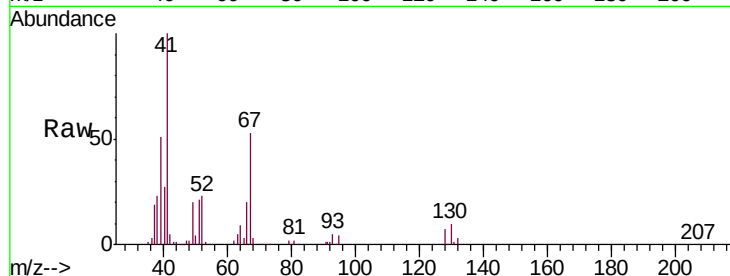




#41
Methacrylonitrile
Concen: 58.022 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW012707.D
Acq: 06 Sep 2019 22:57

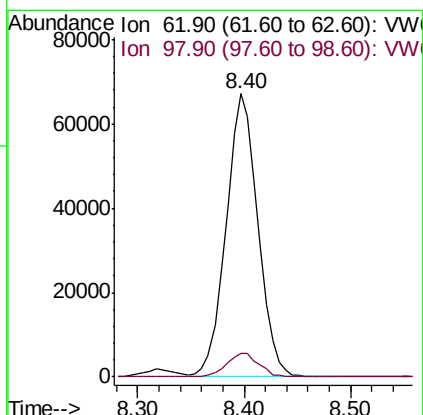
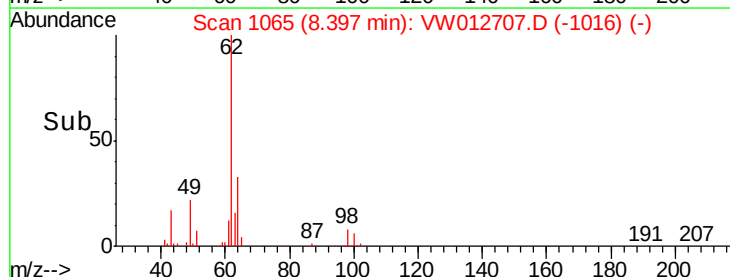
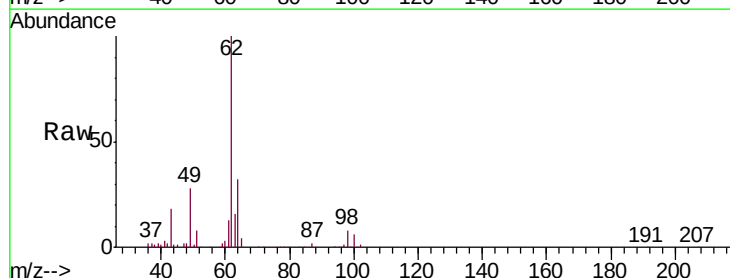
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

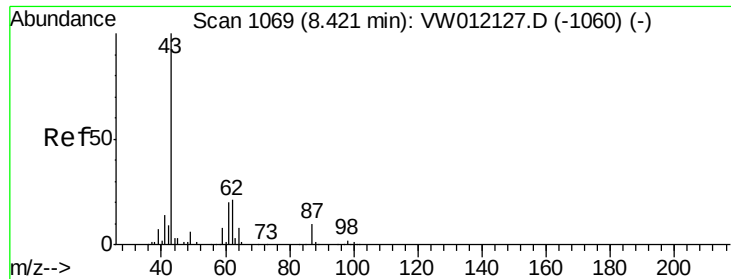
Tgt Ion:	41	Resp:	55188
Ion	Ratio	Lower	Upper
41	100		
39	57.0	45.8	68.8
67	57.4	46.2	69.4
52	26.6	21.0	31.6



#42
1,2-Dichloroethane
Concen: 55.457 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW012707.D
Acq: 06 Sep 2019 22:57

Tgt Ion:	62	Resp:	140159
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.6





#43

Isopropyl Acetate

Concen: 54.252 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW012707.D

Acq: 06 Sep 2019 22:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

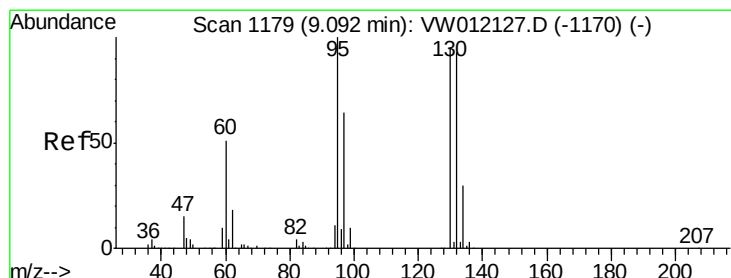
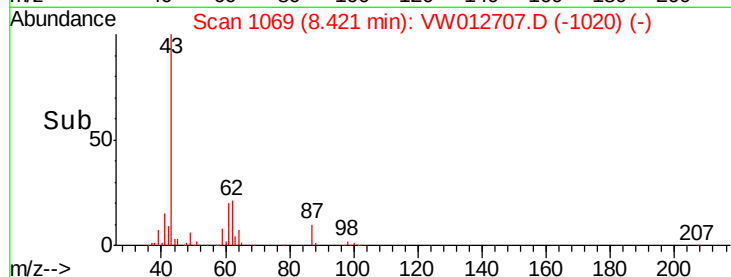
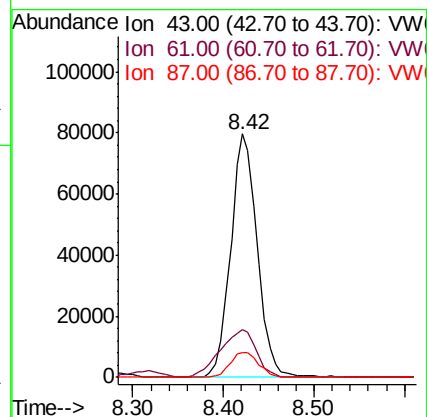
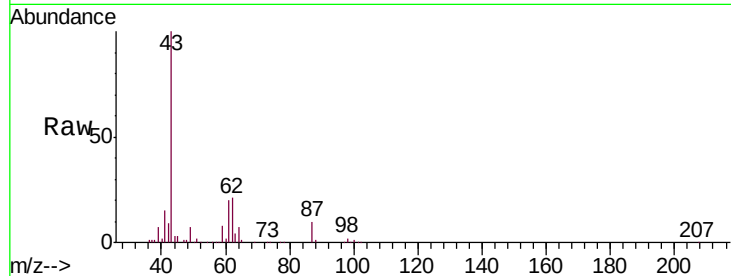
Tgt Ion: 43 Resp: 162629

Ion Ratio Lower Upper

43 100

61 26.9 21.1 31.7

87 11.1 8.2 12.2



#44

Trichloroethene

Concen: 51.784 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW012707.D

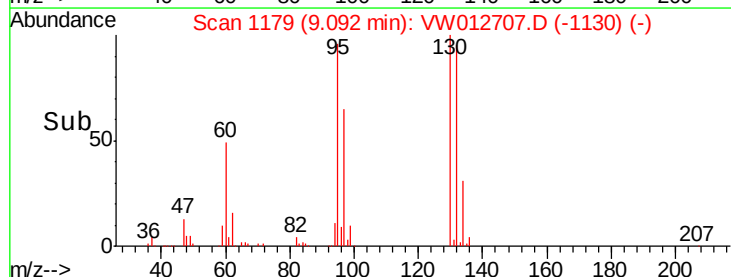
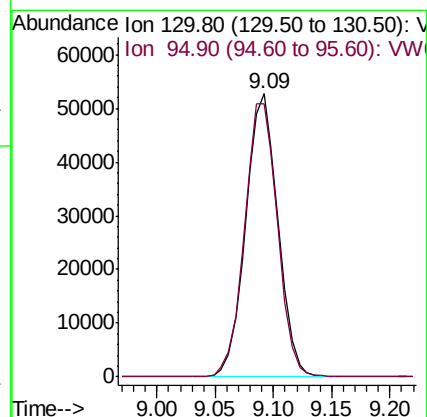
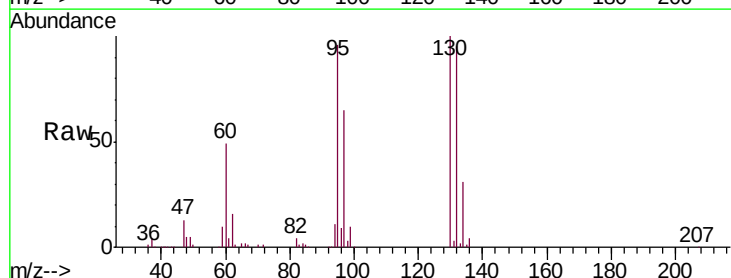
Acq: 06 Sep 2019 22:57

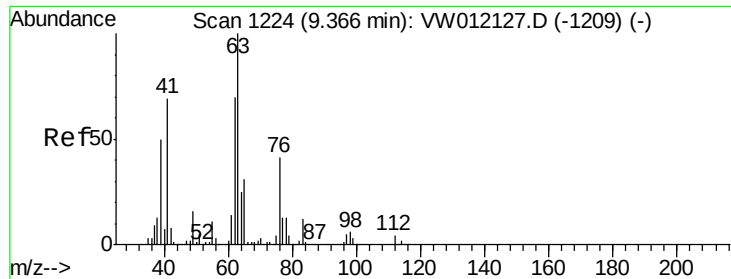
Tgt Ion: 130 Resp: 101514

Ion Ratio Lower Upper

130 100

95 96.3 0.0 210.6

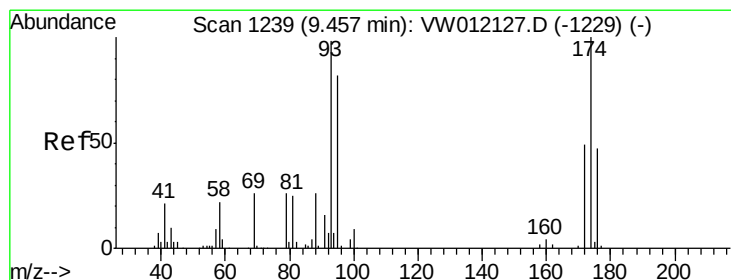
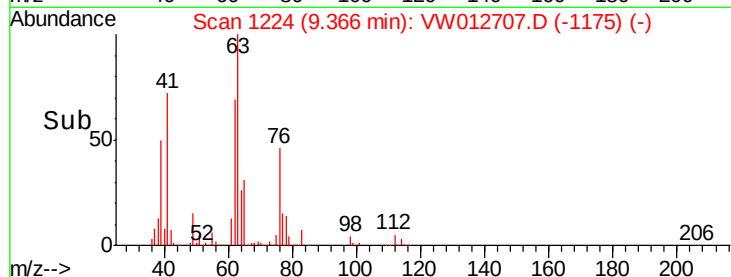
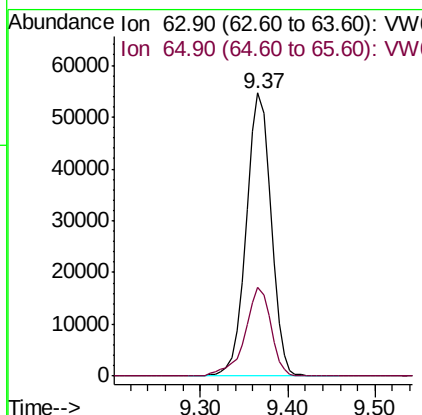
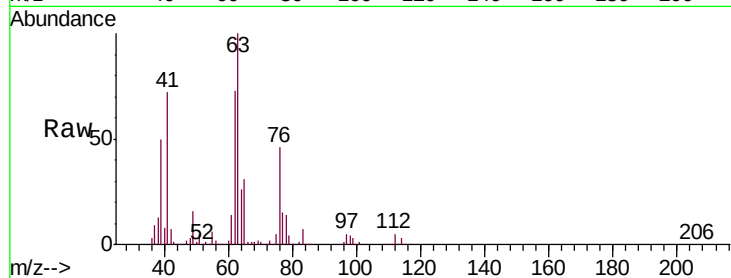




#45
 1,2-Dichloropropane
 Concen: 49.504 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW012707.D
 Acq: 06 Sep 2019 22:57

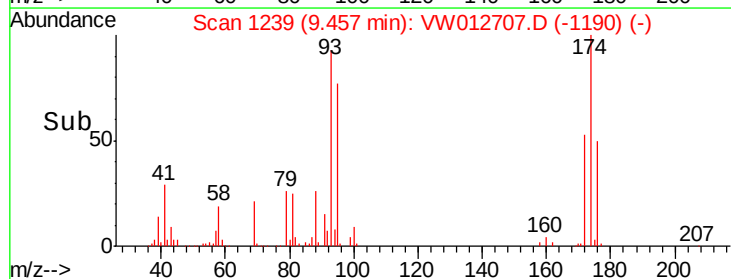
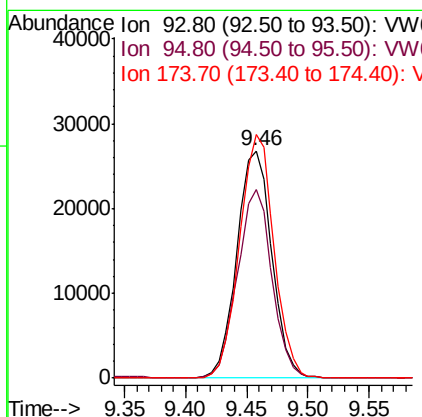
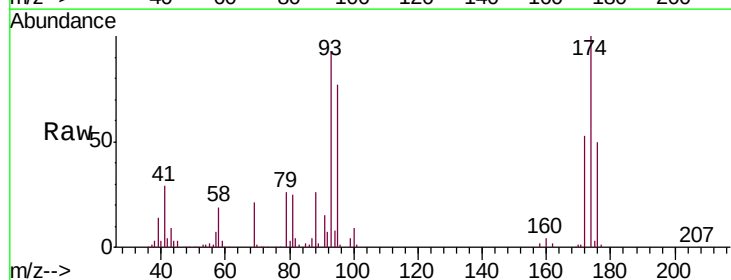
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

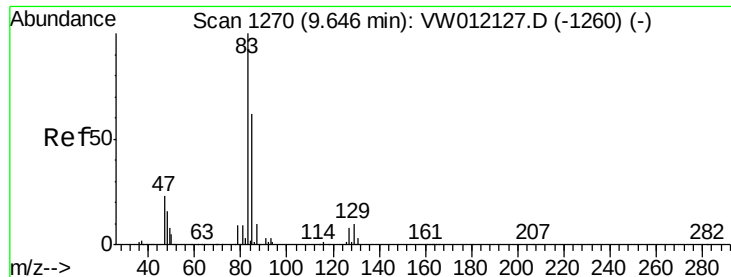
Tgt Ion: 63 Resp: 107437
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.0 37.4



#46
 Dibromomethane
 Concen: 55.105 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW012707.D
 Acq: 06 Sep 2019 22:57

Tgt Ion: 93 Resp: 53211
 Ion Ratio Lower Upper
 93 100
 95 81.9 67.2 100.8
 174 105.9 79.0 118.6





#47

Bromodichloromethane

Concen: 54.252 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012707.D

Acq: 06 Sep 2019 22:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

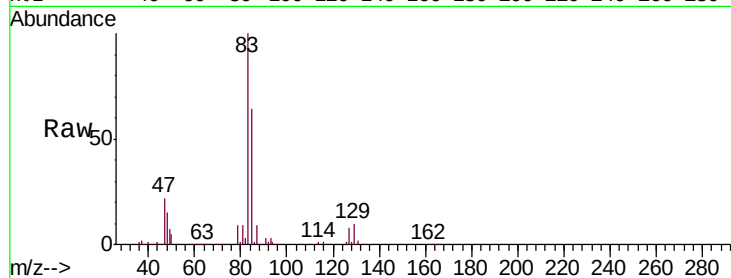
Tgt Ion: 83 Resp: 139423

Ion Ratio Lower Upper

83 100

85 63.5 49.4 74.2

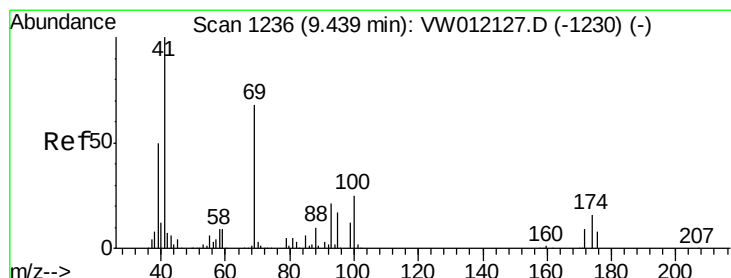
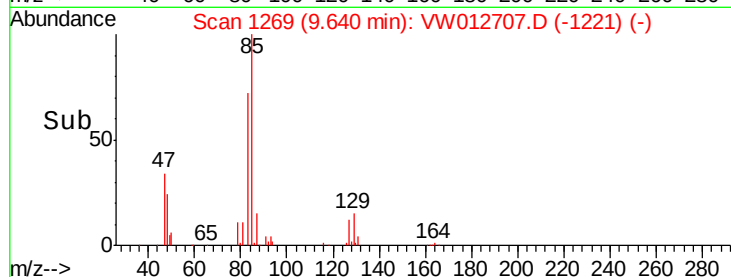
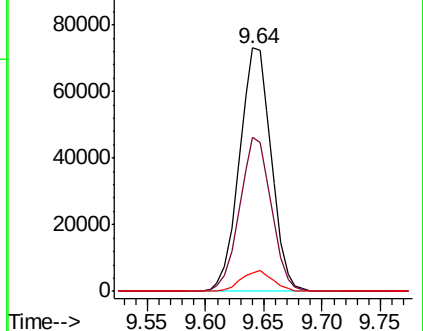
127 7.5 6.1 9.1



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 55.923 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW012707.D

Acq: 06 Sep 2019 22:57

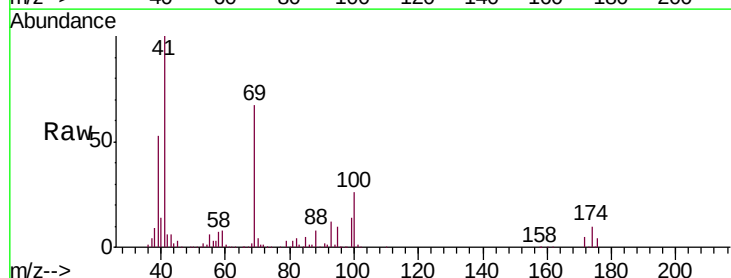
Tgt Ion: 41 Resp: 79787

Ion Ratio Lower Upper

41 100

69 71.8 56.7 85.1

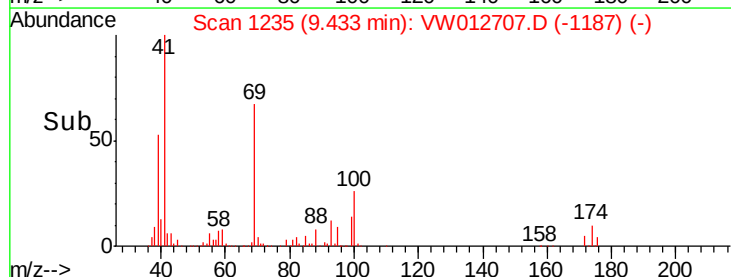
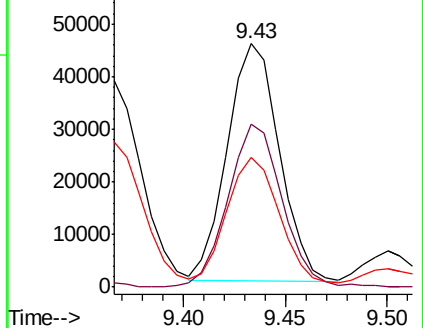
39 56.6 42.0 63.0

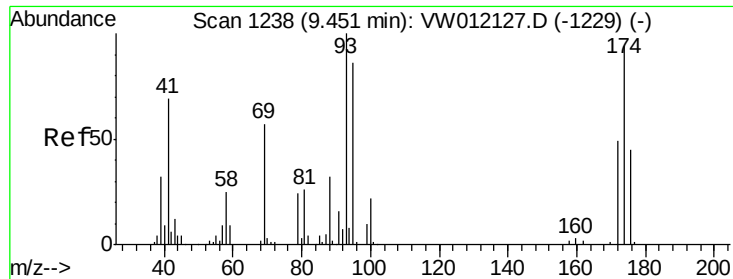


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

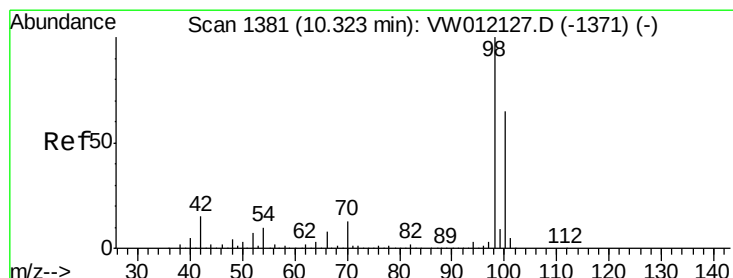
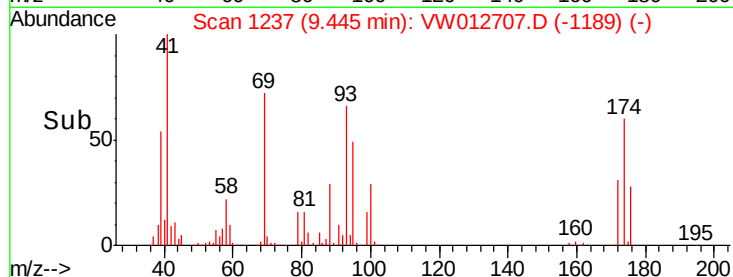
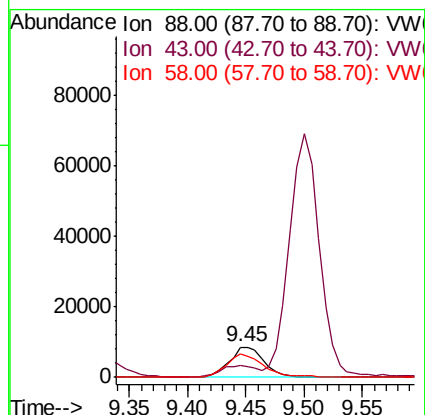
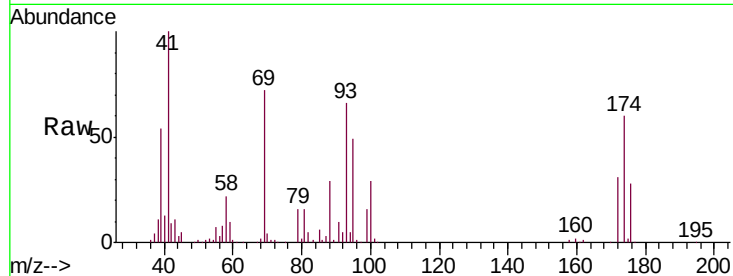




#49
1,4-Dioxane
Concen: 1206.287 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW012707.D
Acq: 06 Sep 2019 22:57

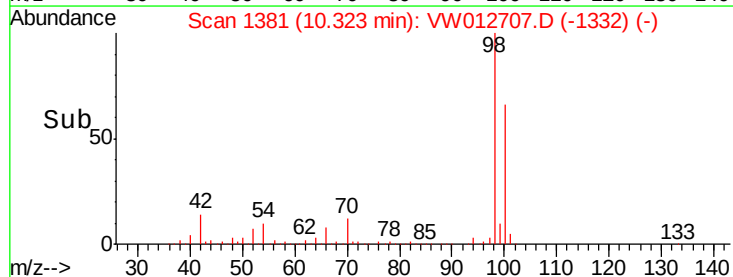
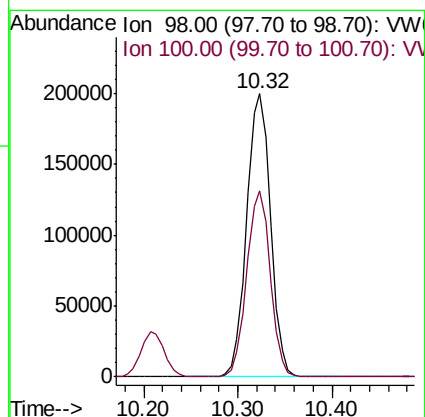
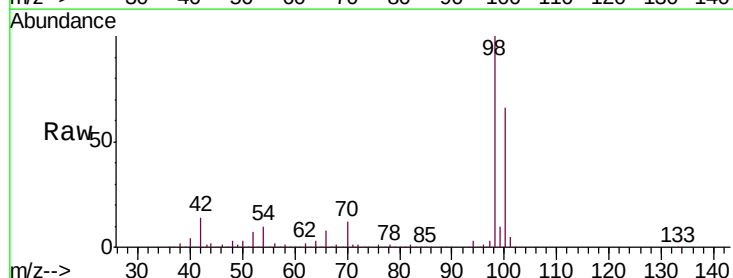
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

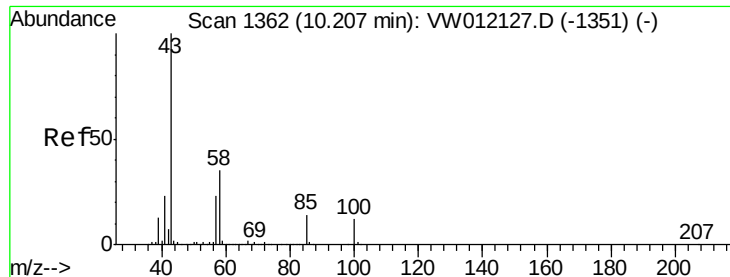
Tgt Ion: 88 Resp: 17832
Ion Ratio Lower Upper
88 100
43 40.1 32.9 49.3
58 82.8 71.0 106.4



#50
Toluene-d8
Concen: 51.282 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012707.D
Acq: 06 Sep 2019 22:57

Tgt Ion: 98 Resp: 354701
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6

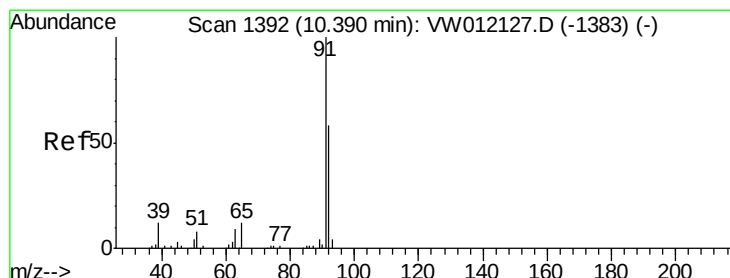
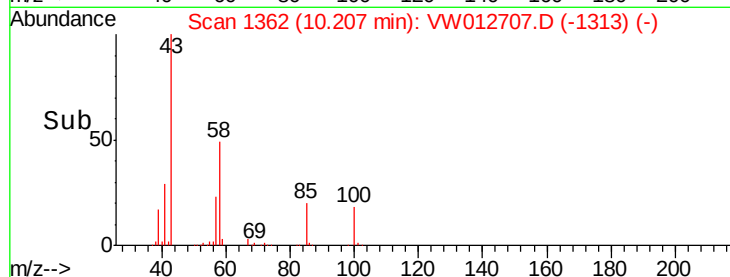
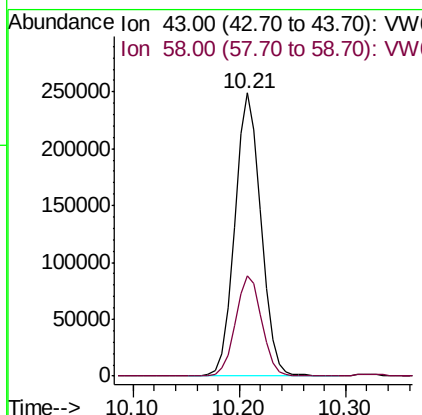
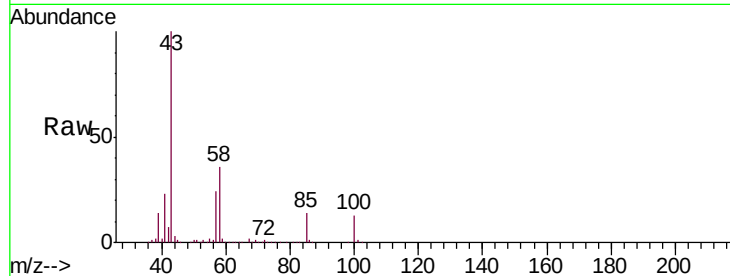




#51
 4-Methyl-2-Pentanone
 Concen: 281.317 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW012707.D
 Acq: 06 Sep 2019 22:57

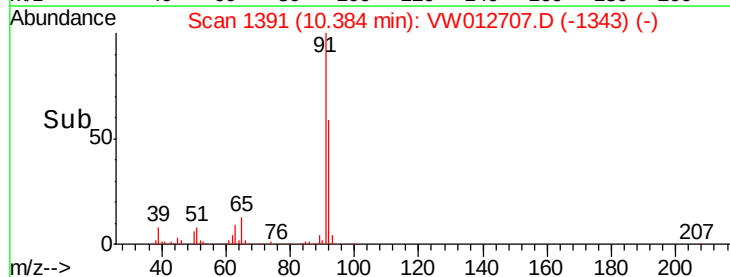
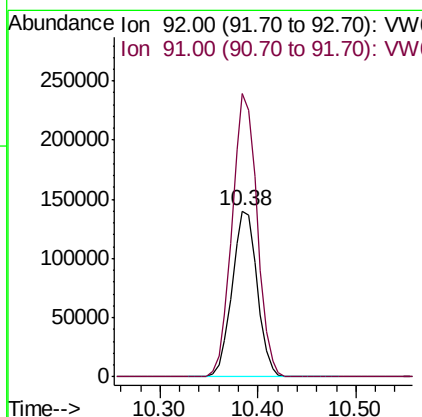
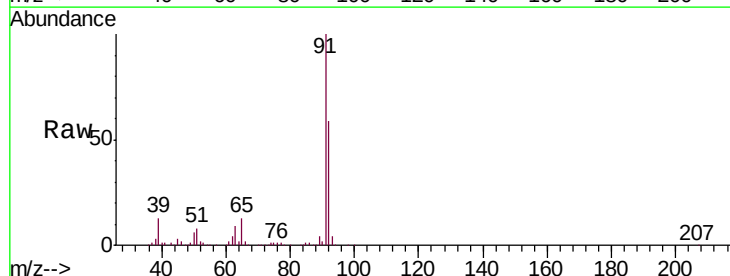
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

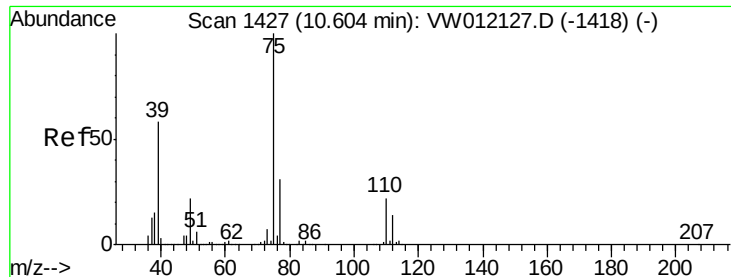
Tgt Ion: 43 Resp: 428925
 Ion Ratio Lower Upper
 43 100
 58 35.7 28.2 42.2



#52
 Toluene
 Concen: 51.373 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW012707.D
 Acq: 06 Sep 2019 22:57

Tgt Ion: 92 Resp: 248873
 Ion Ratio Lower Upper
 92 100
 91 170.6 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 54.247 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW012707.D

Acq: 06 Sep 2019 22:57

Instrument :

MSVOA_W

ClientSampleId :

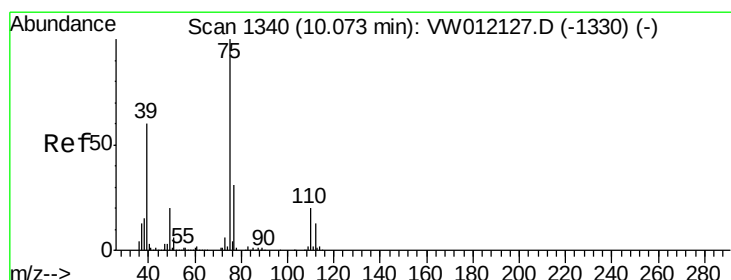
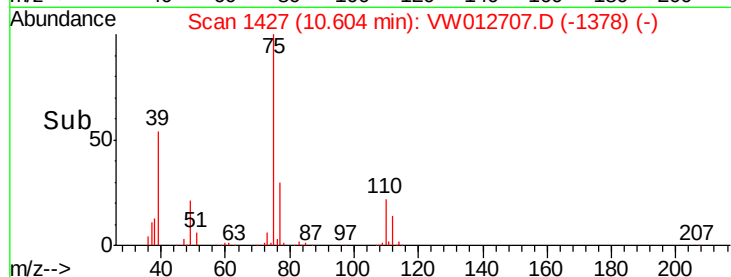
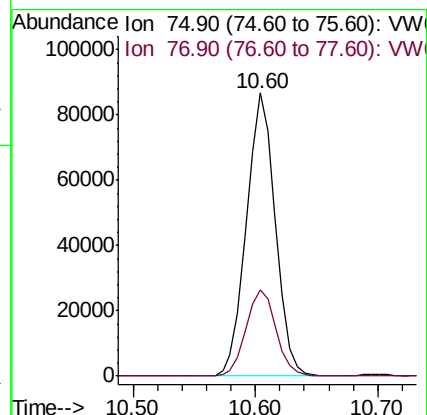
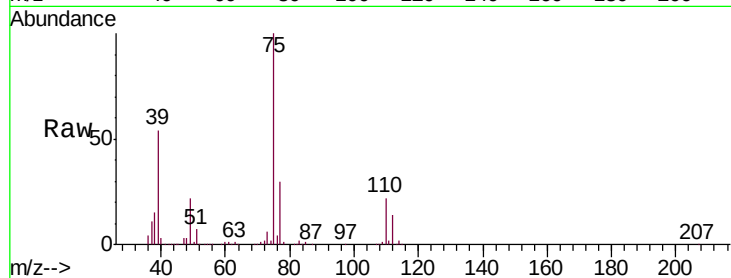
VSTDCCC050EC

Tgt Ion: 75 Resp: 142008

Ion Ratio Lower Upper

75 100

77 30.2 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 52.162 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW012707.D

Acq: 06 Sep 2019 22:57

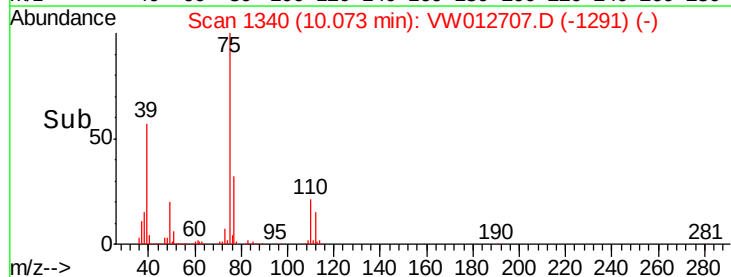
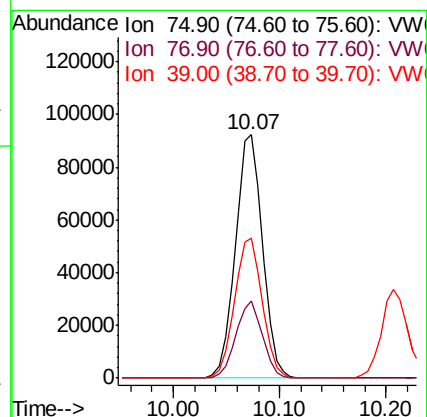
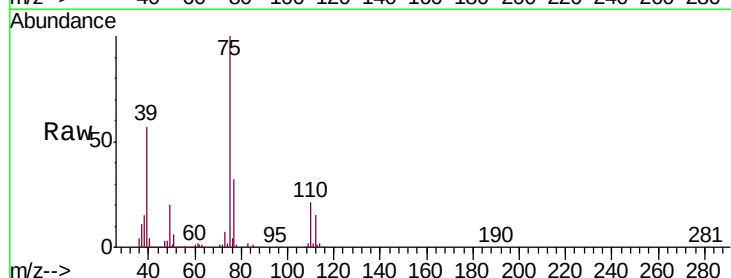
Tgt Ion: 75 Resp: 164876

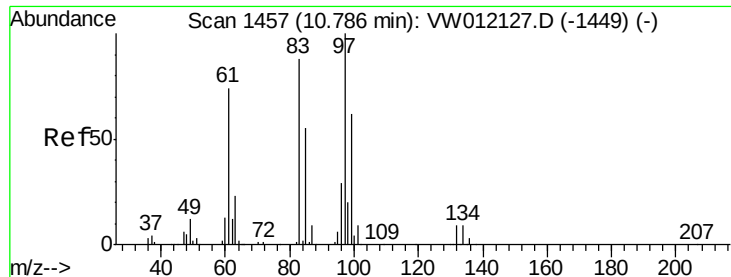
Ion Ratio Lower Upper

75 100

77 31.6 25.1 37.7

39 57.3 48.3 72.5

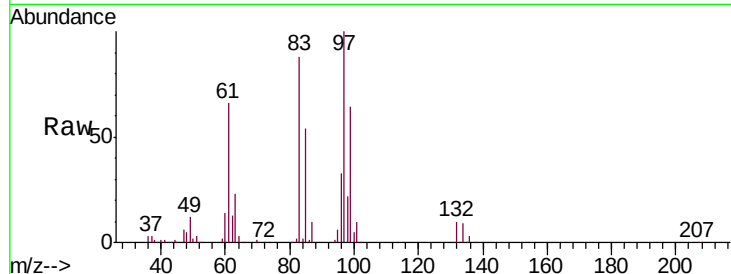




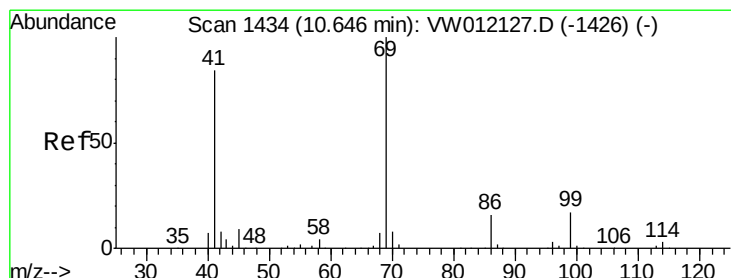
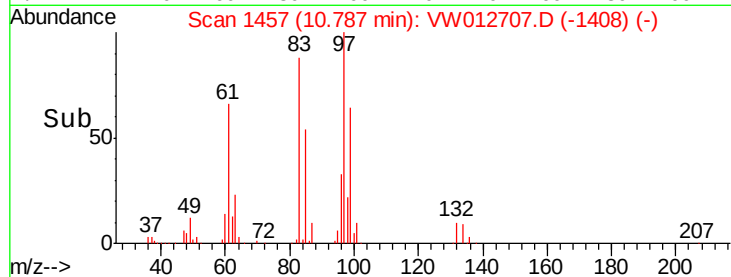
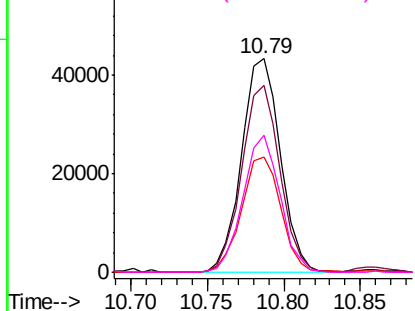
#55
 1,1,2-Trichloroethane
 Concen: 56.127 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW012707.D
 Acq: 06 Sep 2019 22:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	76682
Ion	Ratio	Lower	Upper
97	100		
83	87.5	70.8	106.2
85	53.9	43.8	65.8
99	63.9	49.8	74.6

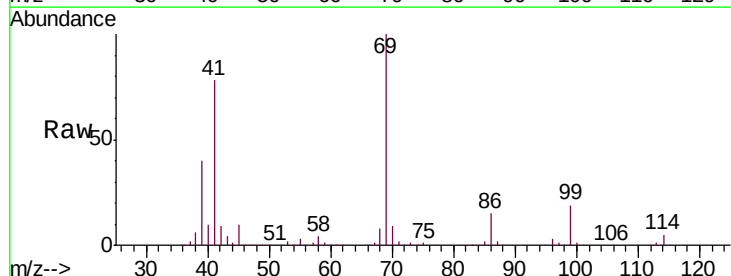


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

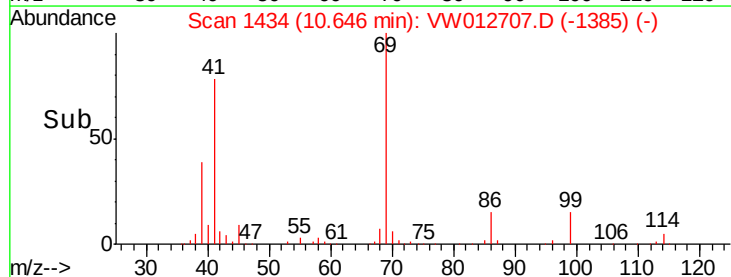
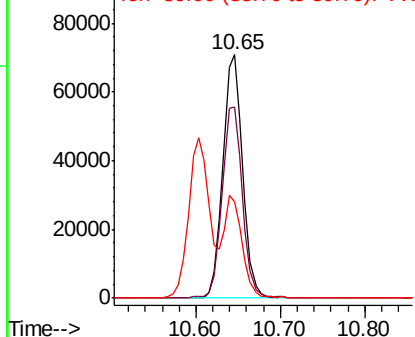


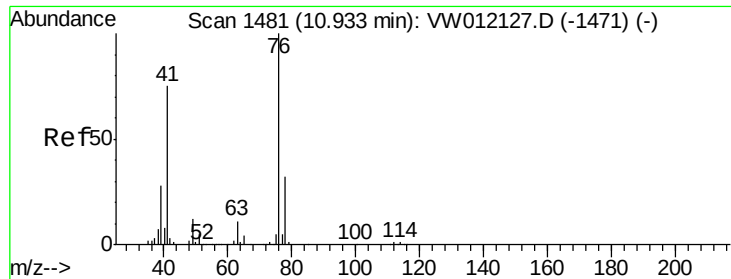
#56
 Ethyl methacrylate
 Concen: 57.815 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW012707.D
 Acq: 06 Sep 2019 22:57

Tgt Ion:	69	Resp:	114960
Ion	Ratio	Lower	Upper
69	100		
41	79.9	66.5	99.7
39	37.6	31.0	46.4



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

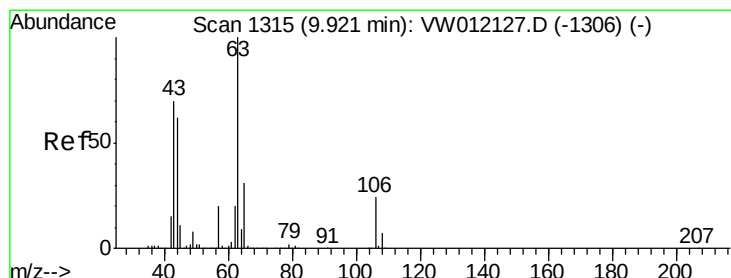
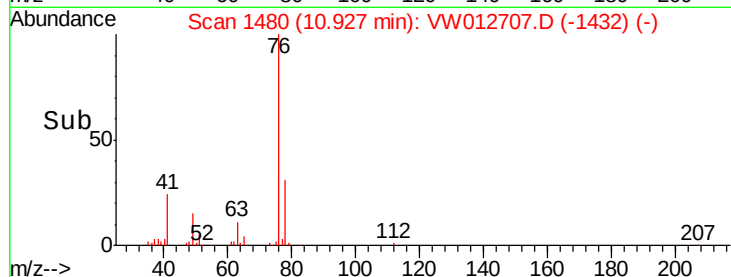
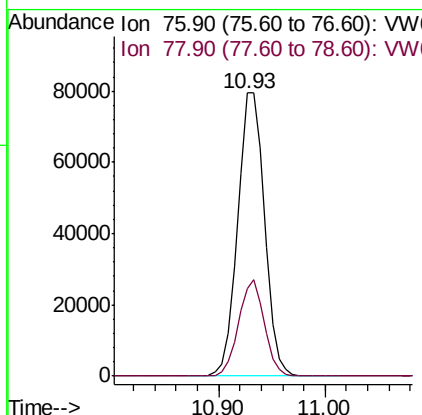
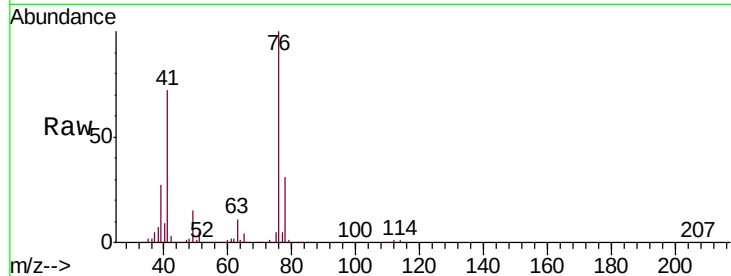




#57
 1,3-Dichloropropane
 Concen: 54.626 ug/l
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: VW012707.D
 Acq: 06 Sep 2019 22:57

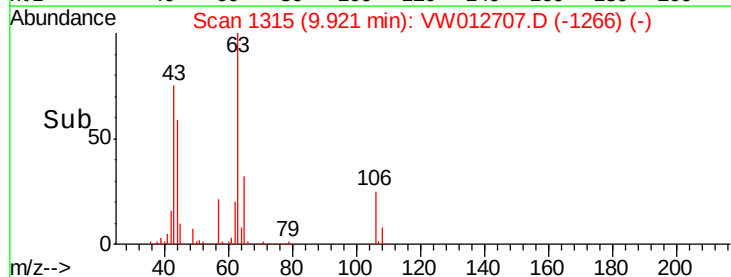
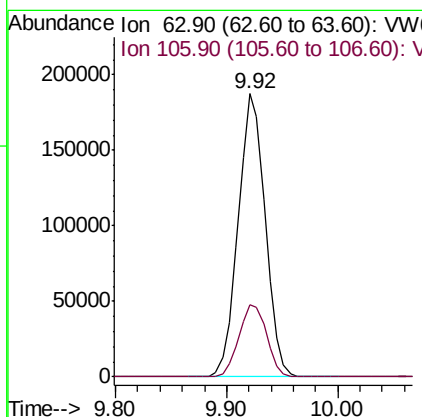
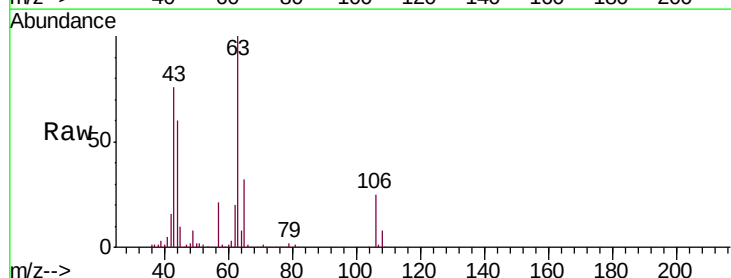
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

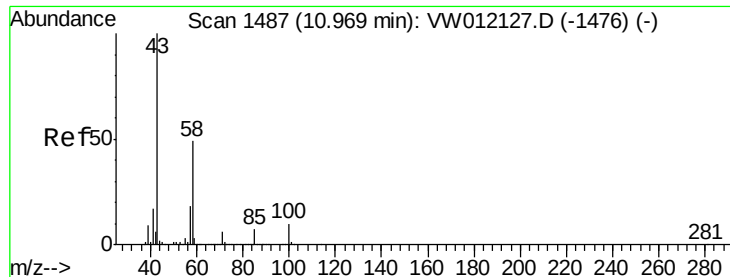
Tgt Ion: 76 Resp: 141033
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 308.876 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW012707.D
 Acq: 06 Sep 2019 22:57

Tgt Ion: 63 Resp: 315209
 Ion Ratio Lower Upper
 63 100
 106 26.4 19.8 29.8

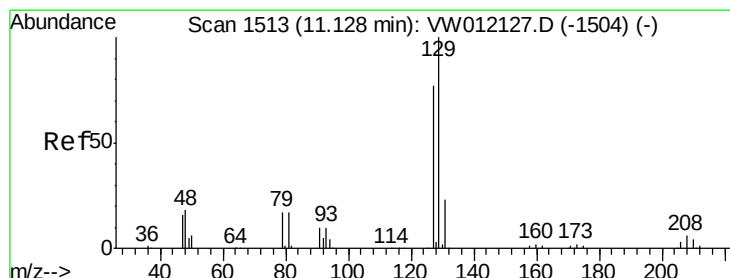
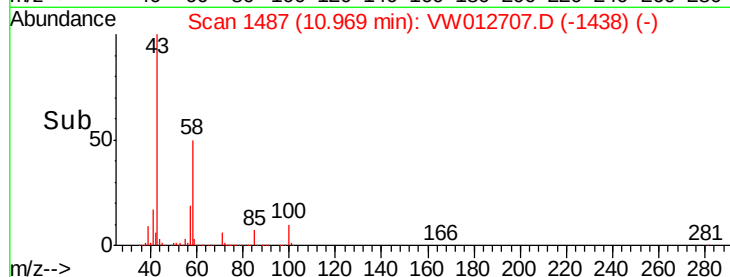
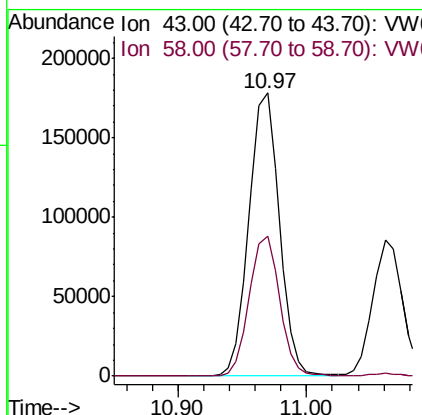
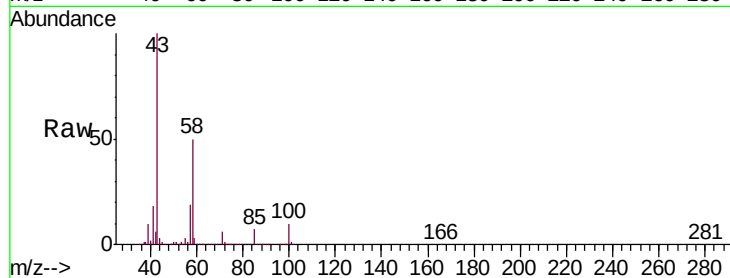




#59
2-Hexanone
Concen: 269.079 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW012707.D
Acq: 06 Sep 2019 22:57

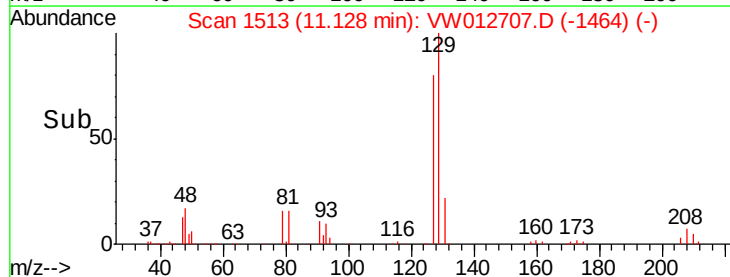
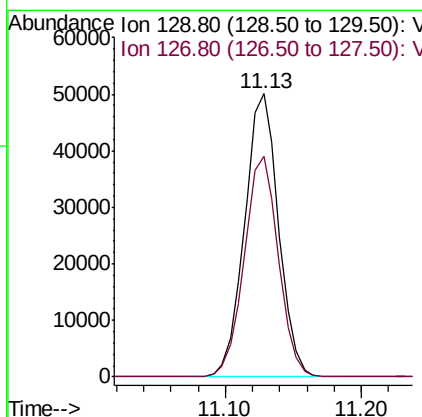
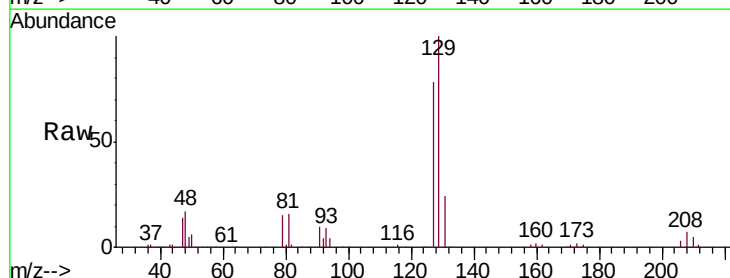
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

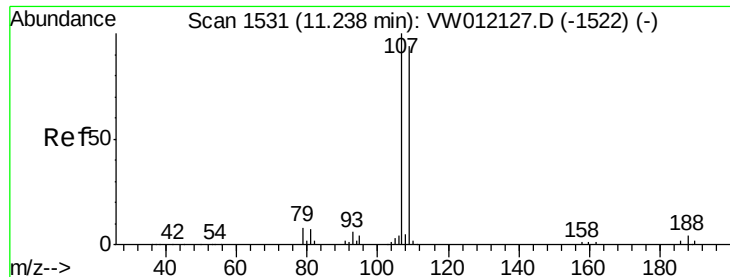
Tgt Ion: 43 Resp: 290290
Ion Ratio Lower Upper
43 100
58 49.6 24.3 72.9



#60
Dibromochloromethane
Concen: 57.528 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW012707.D
Acq: 06 Sep 2019 22:57

Tgt Ion: 129 Resp: 87543
Ion Ratio Lower Upper
129 100
127 78.4 38.6 115.8

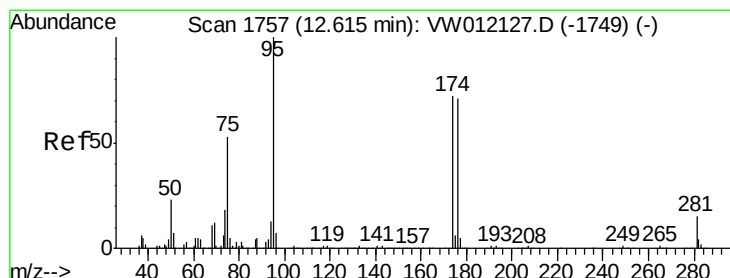
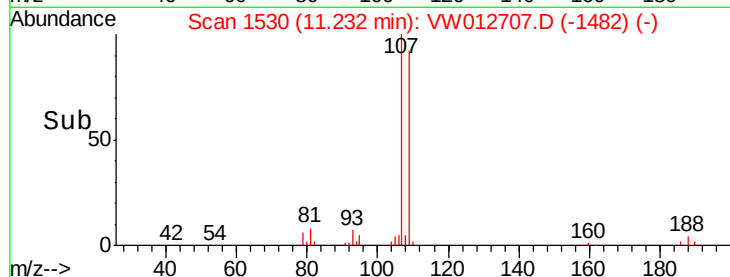
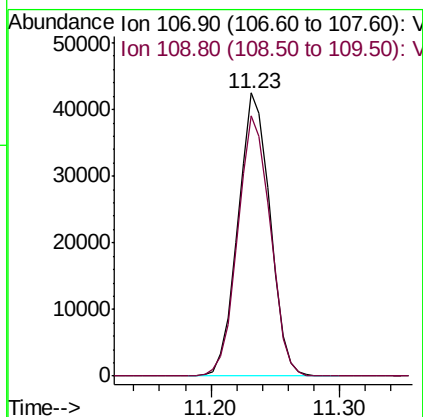
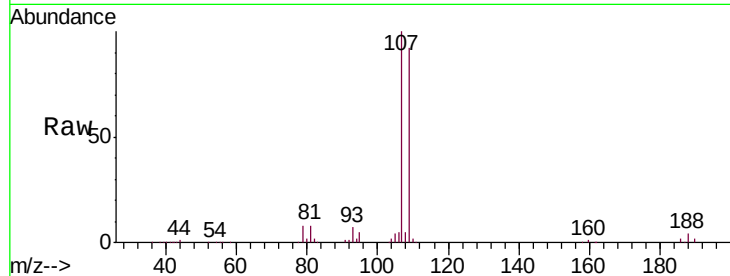




#61
 1,2-Dibromoethane
 Concen: 57.376 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW012707.D
 Acq: 06 Sep 2019 22:57

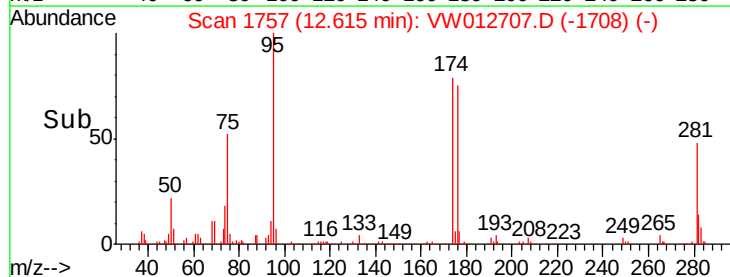
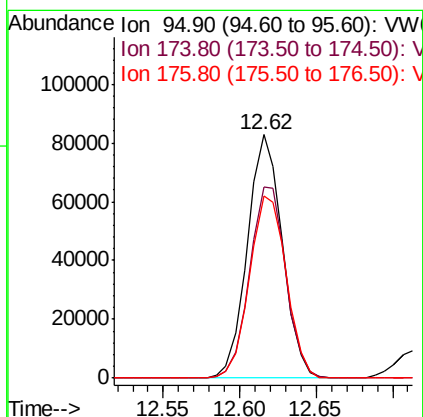
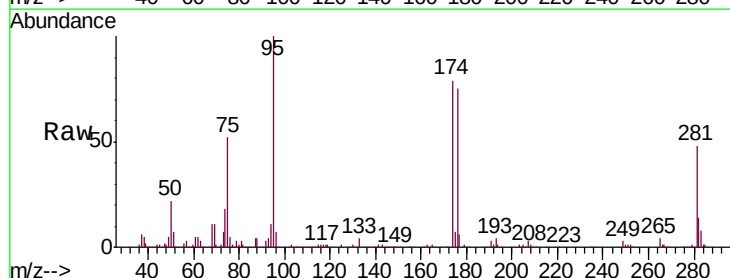
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

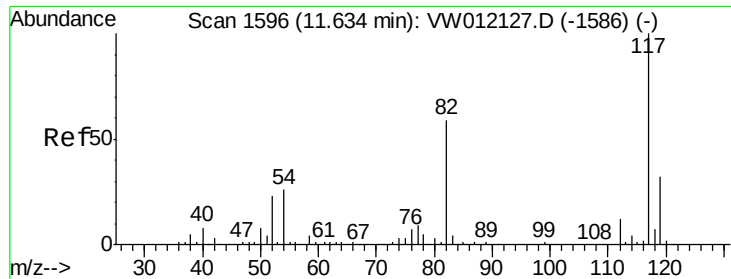
Tgt Ion: 107 Resp: 73029
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 54.047 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW012707.D
 Acq: 06 Sep 2019 22:57

Tgt Ion: 95 Resp: 131774
 Ion Ratio Lower Upper
 95 100
 174 81.5 0.0 150.8
 176 78.7 0.0 148.6

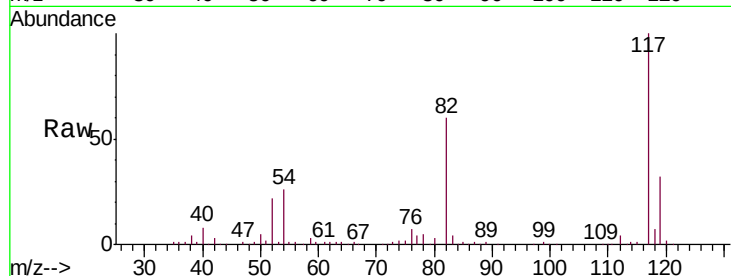




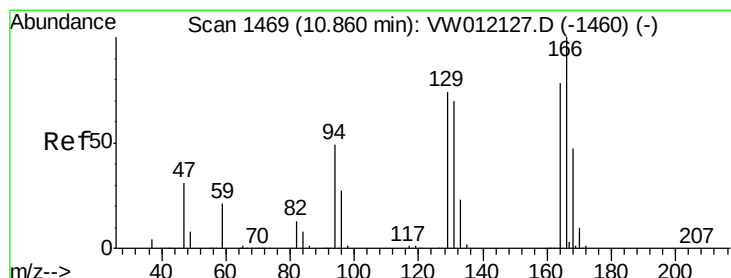
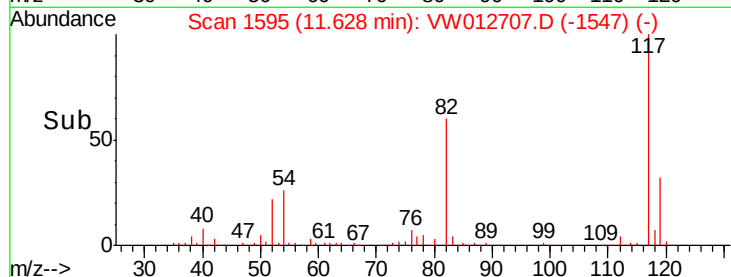
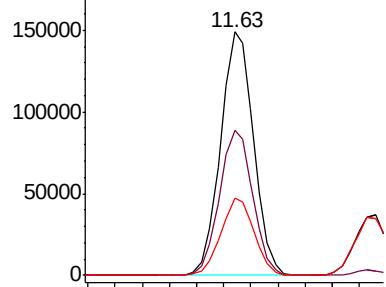
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012707.D
Acq: 06 Sep 2019 22:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 253709
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.2
119 31.6 25.4 38.2



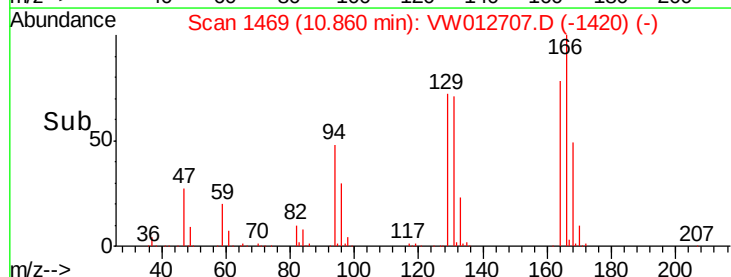
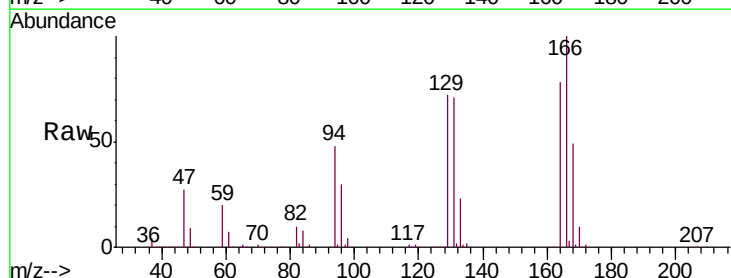
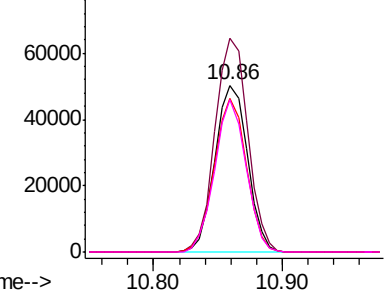
Abundance Ion 116.90 (116.60 to 117.60): V
200000 Ion 82.00 (81.70 to 82.70): VW
150000 Ion 118.90 (118.60 to 119.60): V

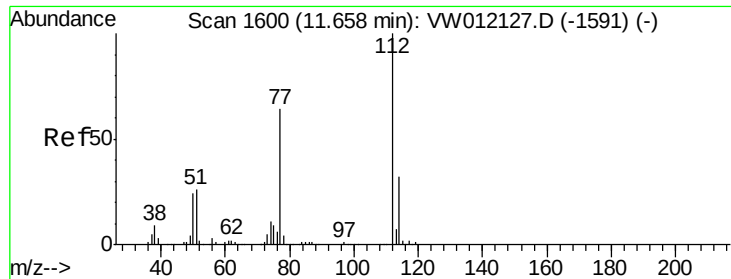


#64
Tetrachloroethene
Concen: 53.419 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW012707.D
Acq: 06 Sep 2019 22:57

Tgt Ion:164 Resp: 87868
Ion Ratio Lower Upper
164 100
166 128.2 102.4 153.6
129 92.1 75.8 113.6
131 91.1 71.4 107.2

Abundance Ion 163.80 (163.50 to 164.50): V
100000 Ion 165.80 (165.50 to 166.50): V
80000 Ion 128.80 (128.50 to 129.50): V
60000 Ion 130.80 (130.50 to 131.50): V

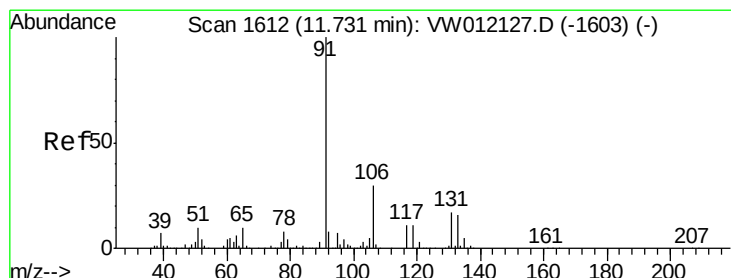
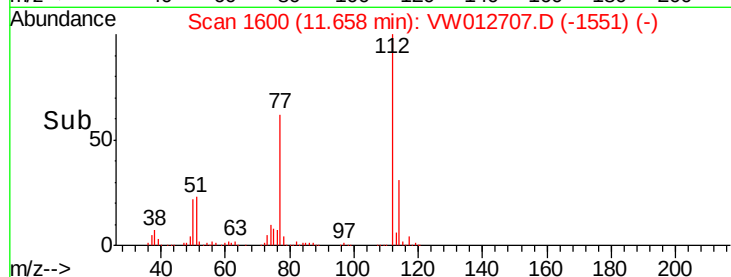
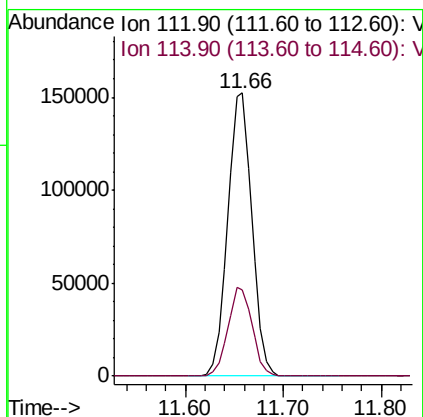
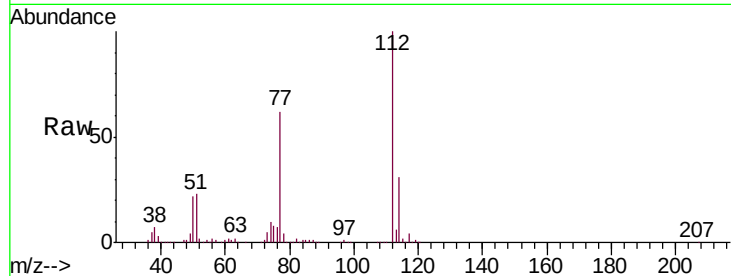




#65
Chlorobenzene
Concen: 52.091 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW012707.D
Acq: 06 Sep 2019 22:57

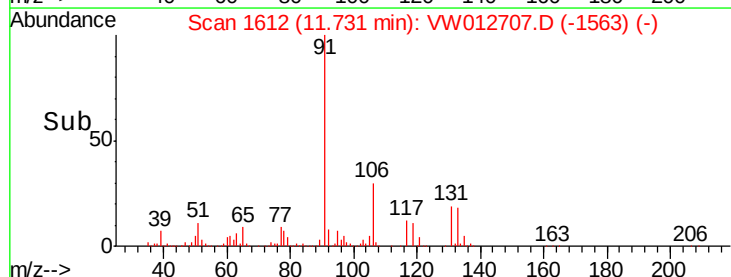
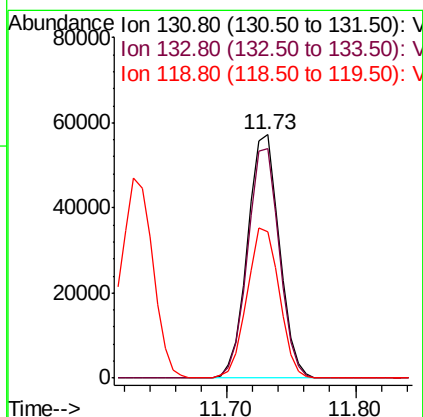
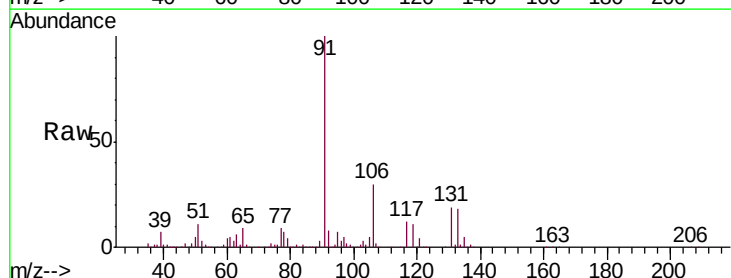
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

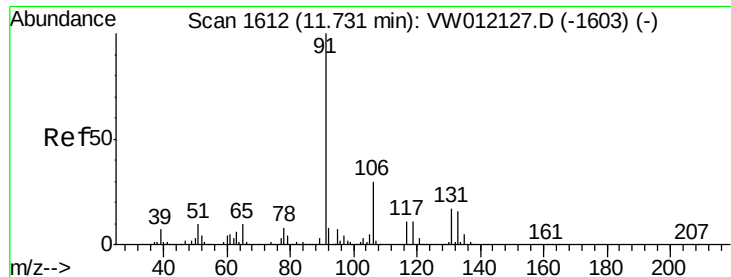
Tgt Ion:112 Resp: 260236
Ion Ratio Lower Upper
112 100
114 30.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 55.709 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012707.D
Acq: 06 Sep 2019 22:57

Tgt Ion:131 Resp: 97090
Ion Ratio Lower Upper
131 100
133 94.1 47.1 141.3
119 62.6 31.8 95.3

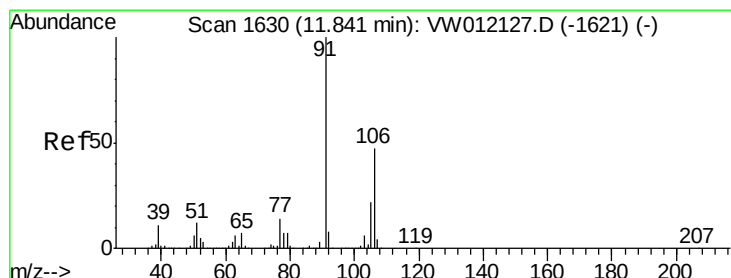
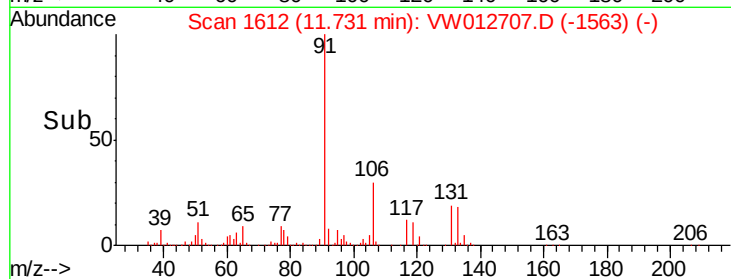
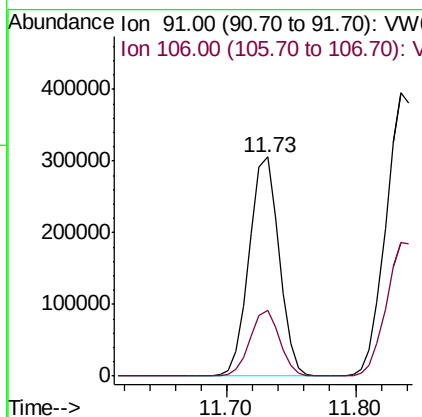
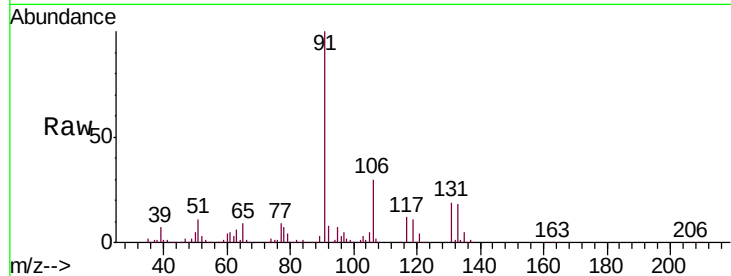




#67
Ethyl Benzene
Concen: 50.810 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012707.D
Acq: 06 Sep 2019 22:57

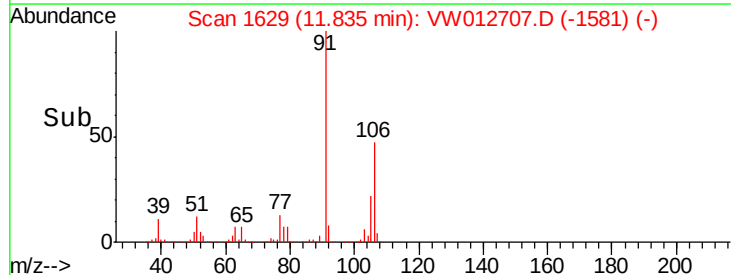
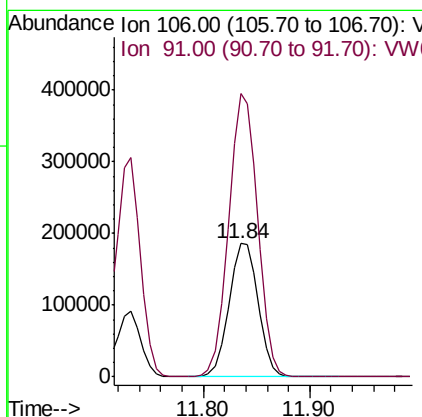
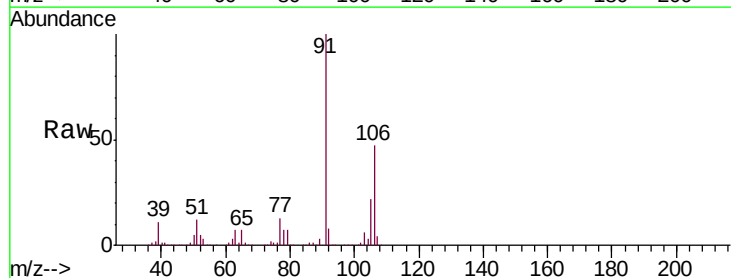
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

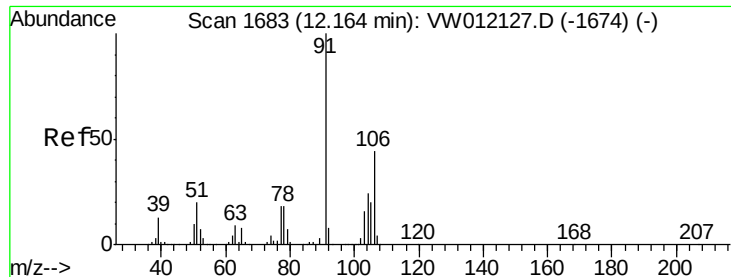
Tgt Ion: 91 Resp: 488966
Ion Ratio Lower Upper
91 100
106 30.2 24.3 36.5



#68
m/p-Xylenes
Concen: 102.603 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012707.D
Acq: 06 Sep 2019 22:57

Tgt Ion: 106 Resp: 355673
Ion Ratio Lower Upper
106 100
91 210.9 169.5 254.3

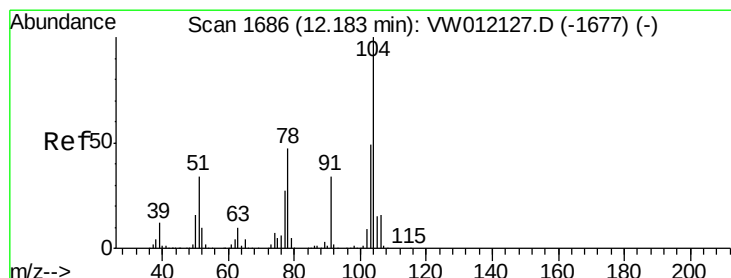
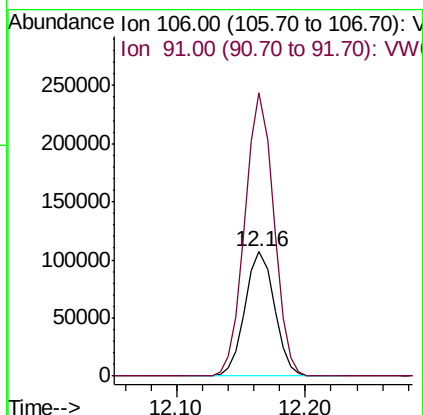
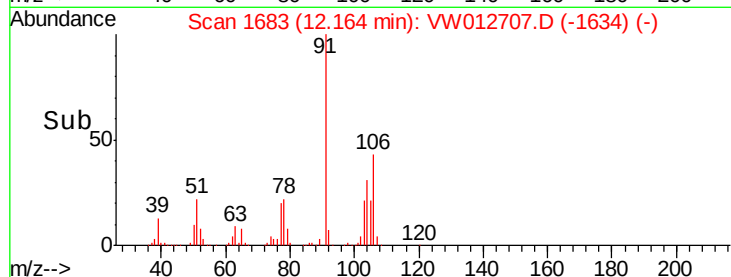
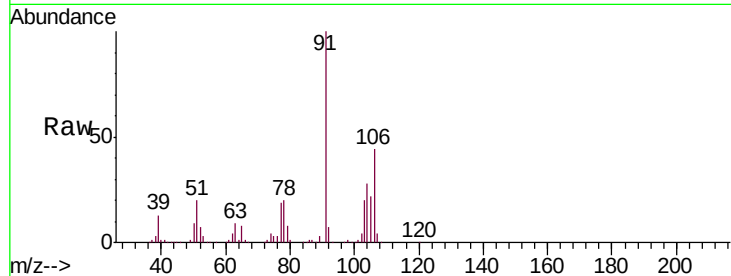




#69
o-Xylene
Concen: 52.451 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW012707.D
Acq: 06 Sep 2019 22:57

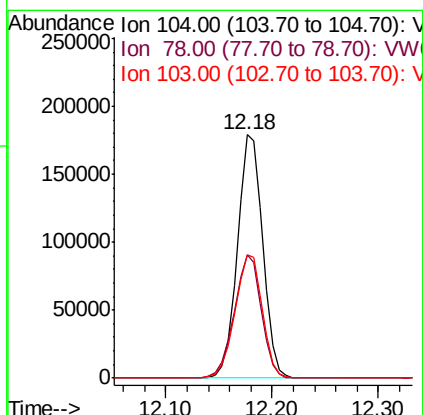
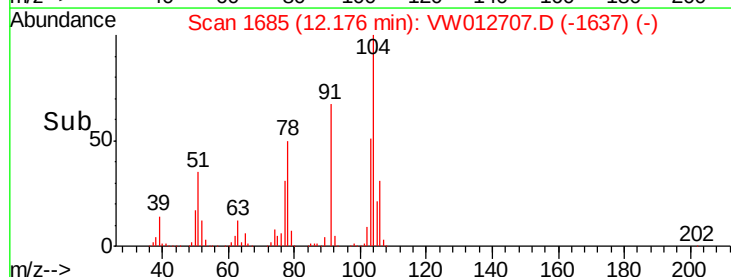
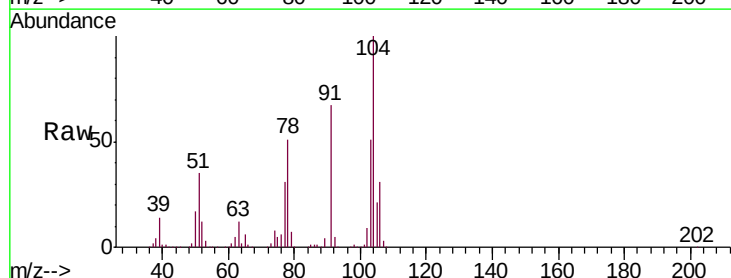
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

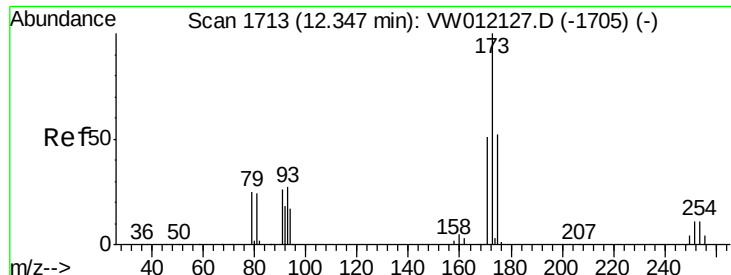
Tgt Ion:106 Resp: 168281
Ion Ratio Lower Upper
106 100
91 224.9 111.6 334.6



#70
Styrene
Concen: 53.756 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW012707.D
Acq: 06 Sep 2019 22:57

Tgt Ion:104 Resp: 298527
Ion Ratio Lower Upper
104 100
78 54.1 43.1 64.7
103 54.8 43.5 65.3

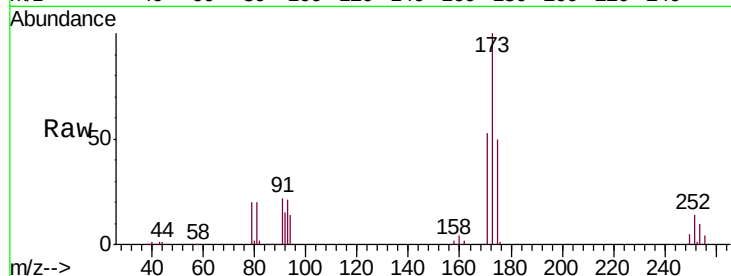




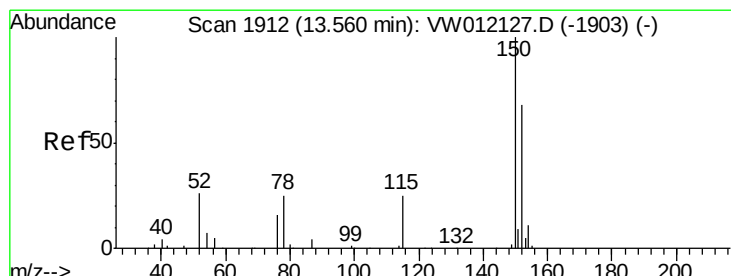
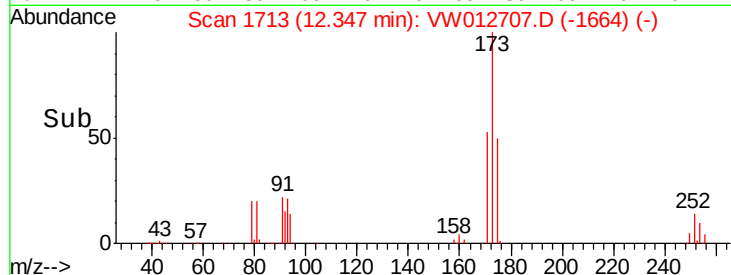
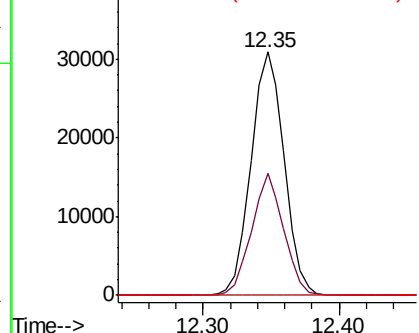
#71
Bromoform
Concen: 60.705 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW012707.D
Acq: 06 Sep 2019 22:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 52711
Ion Ratio Lower Upper
173 100
175 48.1 24.6 74.0
254 0.2 0.2 0.2

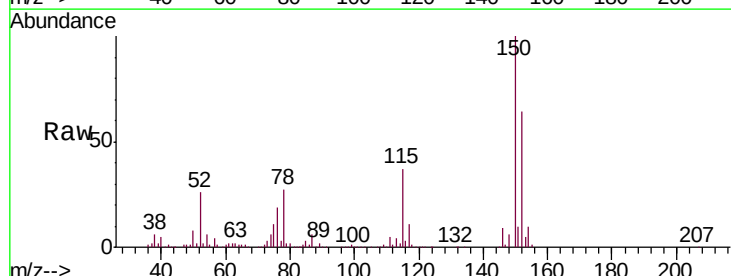


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

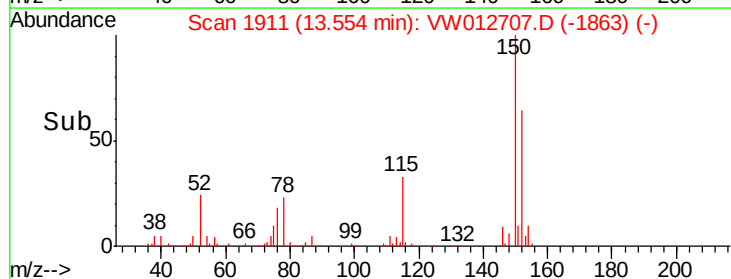
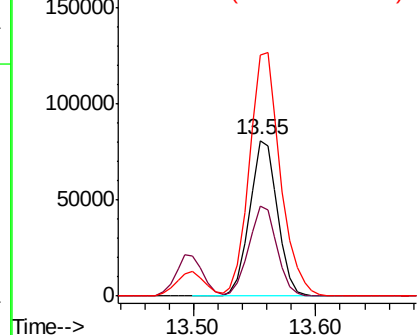


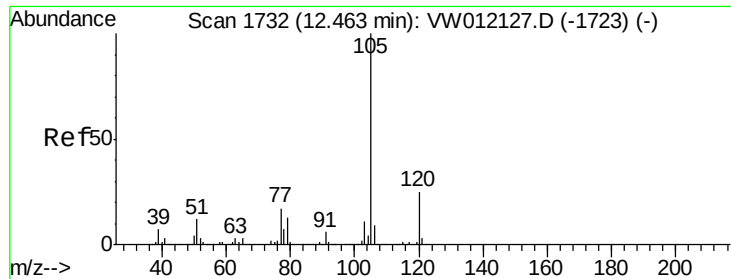
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW012707.D
Acq: 06 Sep 2019 22:57

Tgt Ion:152 Resp: 127996
Ion Ratio Lower Upper
152 100
115 58.3 30.1 90.3
150 174.0 0.0 345.8



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





#73

Isopropylbenzene

Concen: 48.795 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW012707.D

Acq: 06 Sep 2019 22:57

Instrument :

MSVOA_W

ClientSampleId :

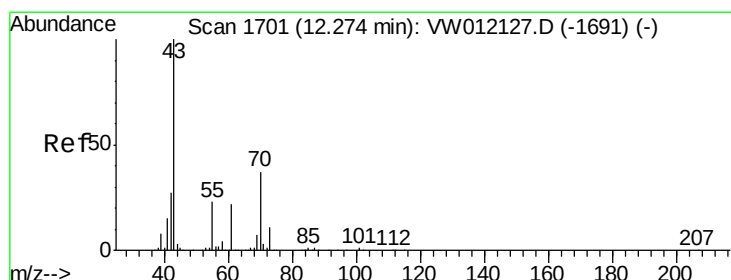
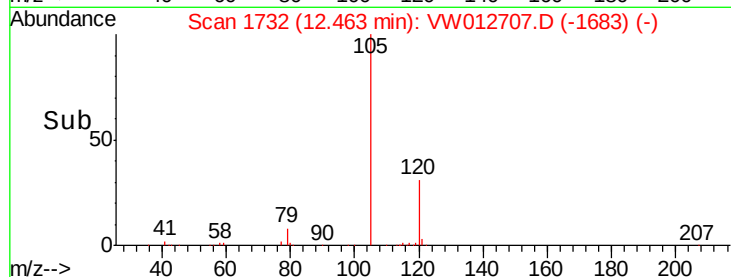
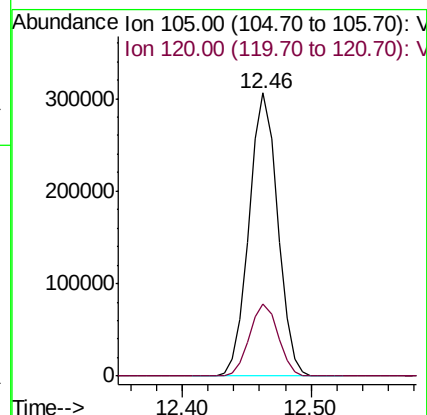
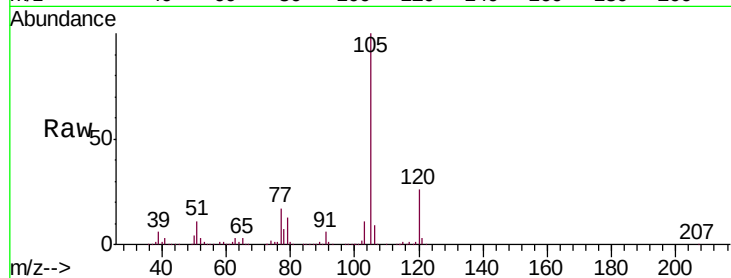
VSTDCCC050EC

Tgt Ion: 105 Resp: 467993

Ion Ratio Lower Upper

105 100

120 25.7 12.5 37.5



#74

N-ethyl acetate

Concen: 51.120 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW012707.D

Acq: 06 Sep 2019 22:57

Tgt Ion: 43 Resp: 148131

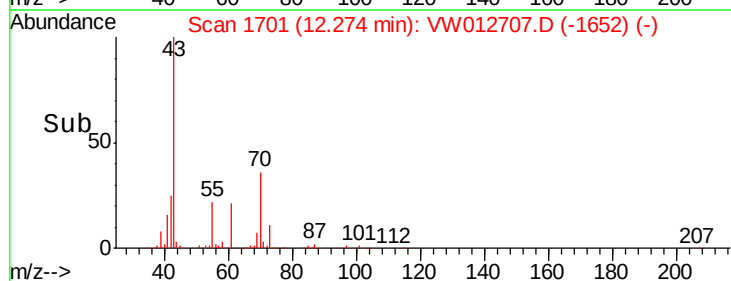
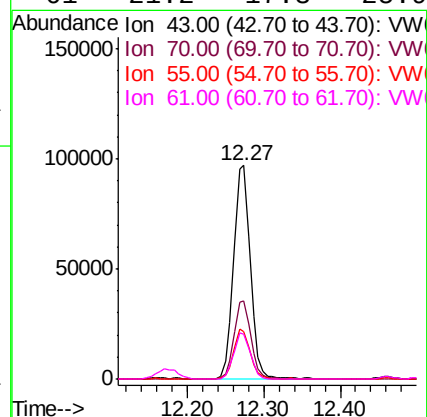
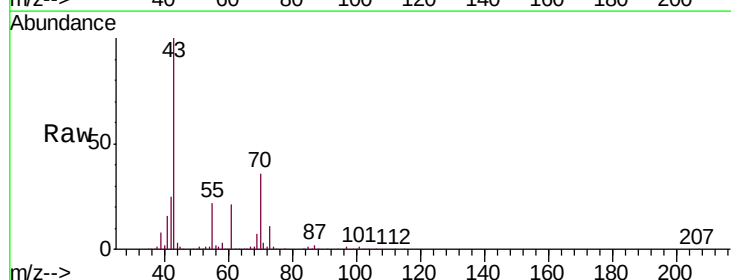
Ion Ratio Lower Upper

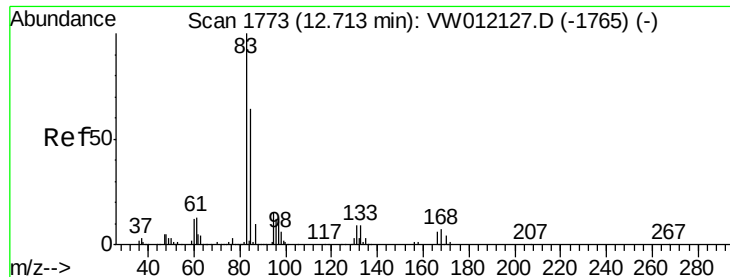
43 100

70 36.4 28.6 43.0

55 22.9 17.8 26.6

61 21.2 17.3 25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 51.593 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW012707.D

Acq: 06 Sep 2019 22:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

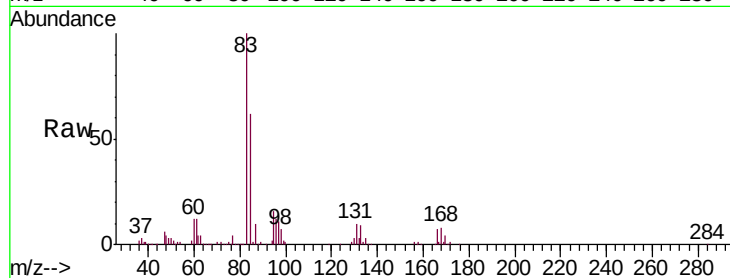
Tgt Ion: 83 Resp: 90716

Ion Ratio Lower Upper

83 100

131 11.2 4.9 14.7

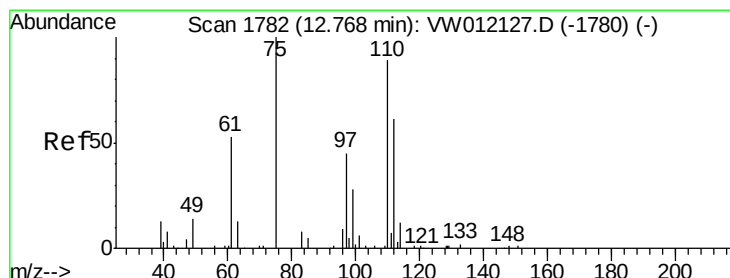
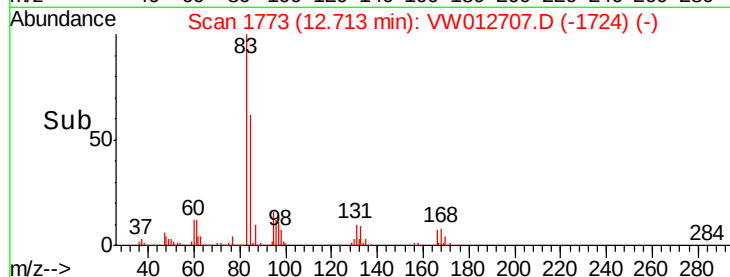
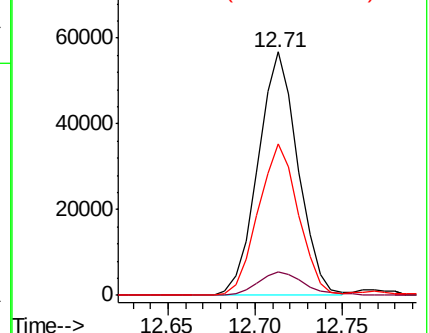
85 62.8 31.9 95.7



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: 97.431 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW012707.D

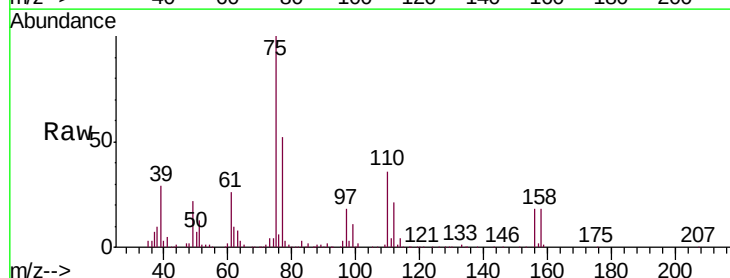
Acq: 06 Sep 2019 22:57

Tgt Ion: 75 Resp: 121456

Ion Ratio Lower Upper

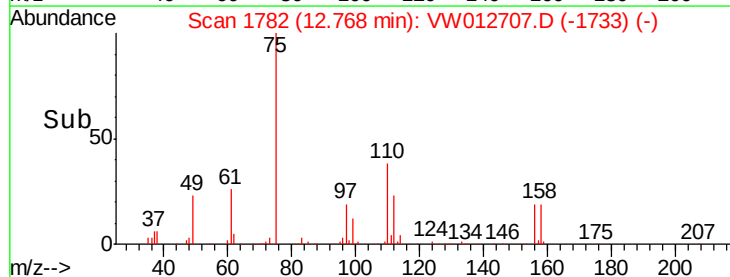
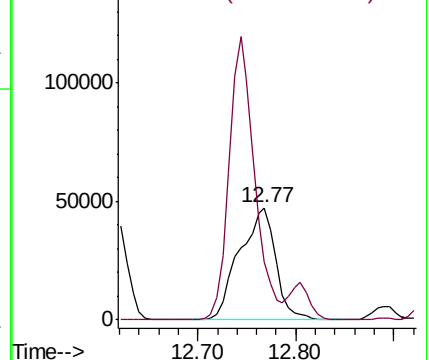
75 100

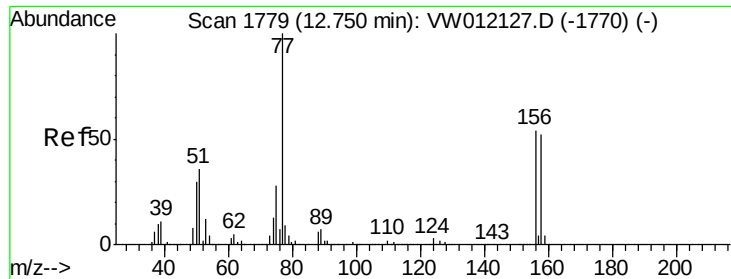
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 53.631 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012707.D

Acq: 06 Sep 2019 22:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

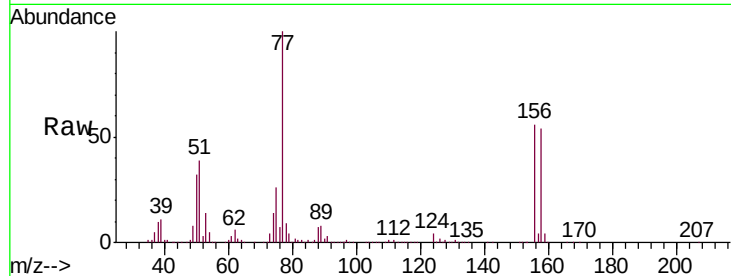
Tgt Ion:156 Resp: 111279

Ion Ratio Lower Upper

156 100

77 195.0 107.3 321.8

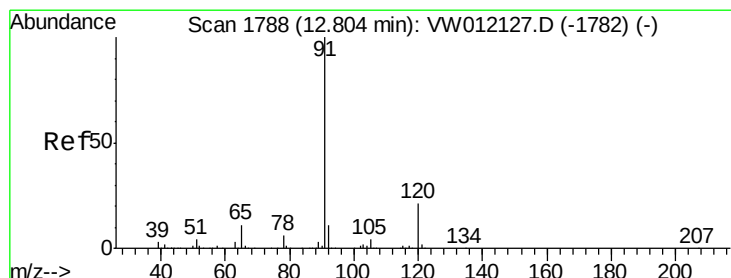
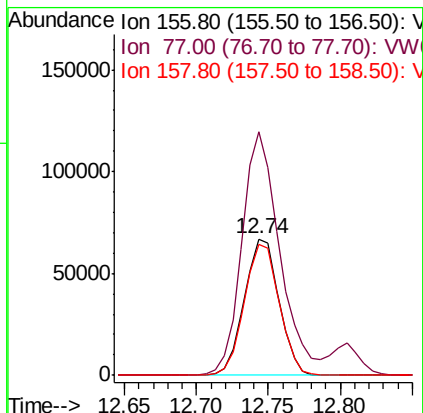
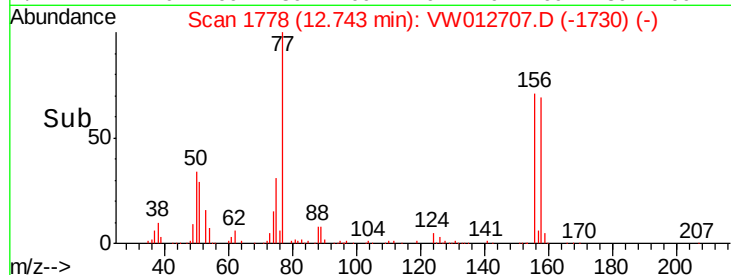
158 97.0 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.500 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW012707.D

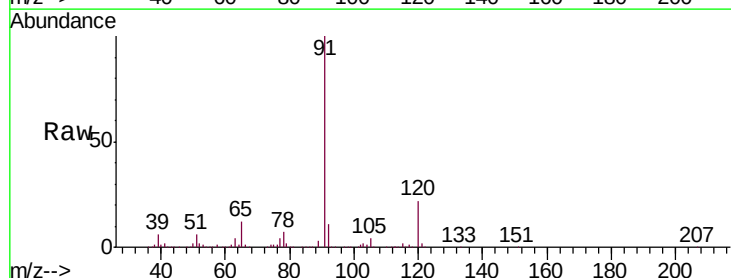
Acq: 06 Sep 2019 22:57

Tgt Ion: 91 Resp: 556155

Ion Ratio Lower Upper

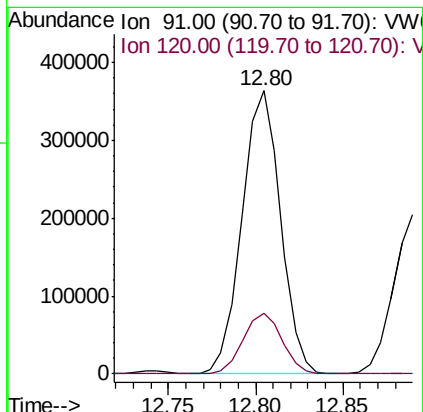
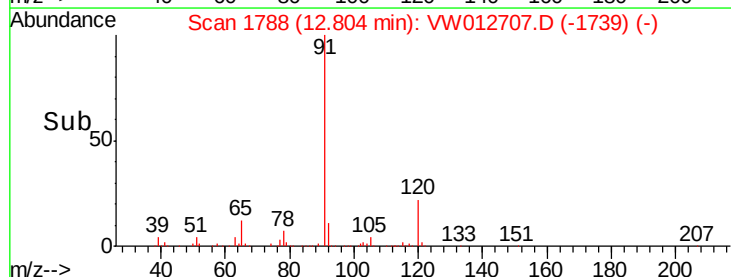
91 100

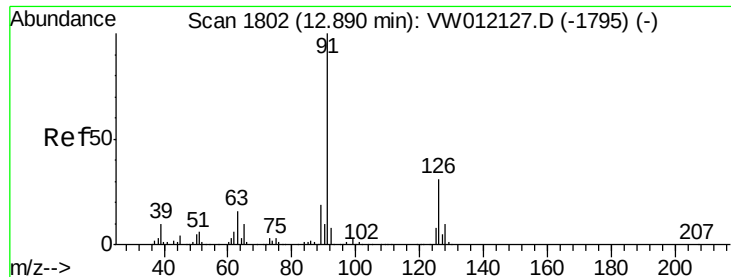
120 21.8 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.956 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW012707.D

Acq: 06 Sep 2019 22:57

Instrument :

MSVOA_W

ClientSampleId :

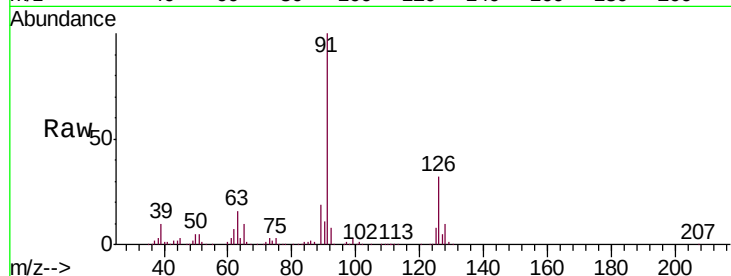
VSTDCCC050EC

Tgt Ion: 91 Resp: 325437

Ion Ratio Lower Upper

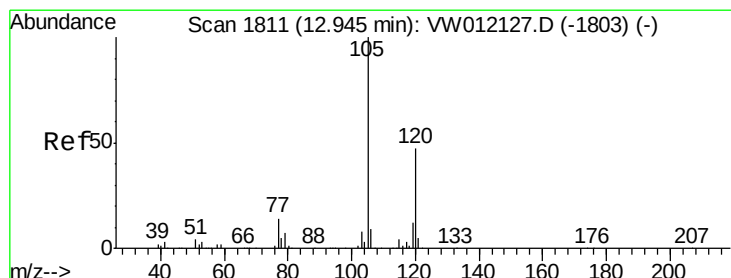
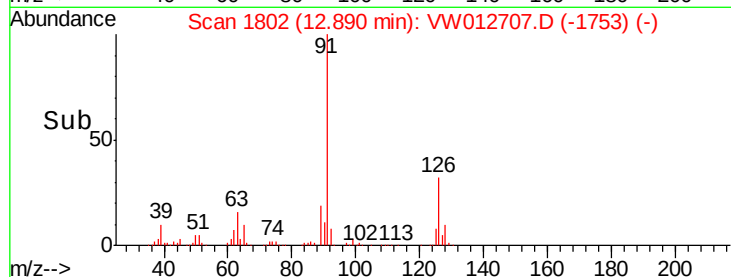
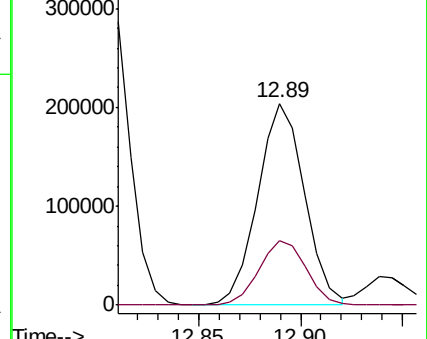
91 100

126 32.4 15.7 47.0



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: 49.988 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW012707.D

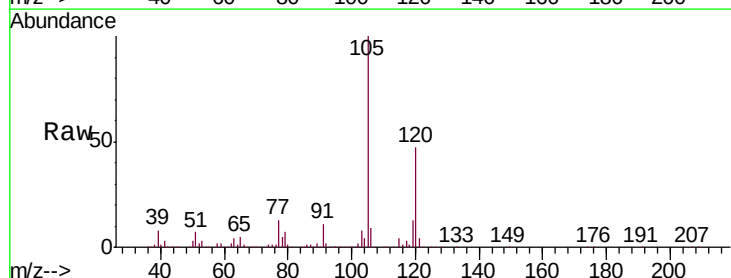
Acq: 06 Sep 2019 22:57

Tgt Ion: 105 Resp: 400611

Ion Ratio Lower Upper

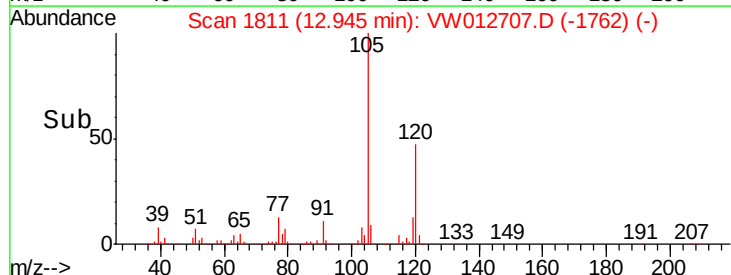
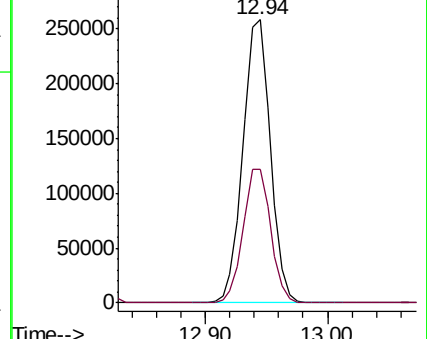
105 100

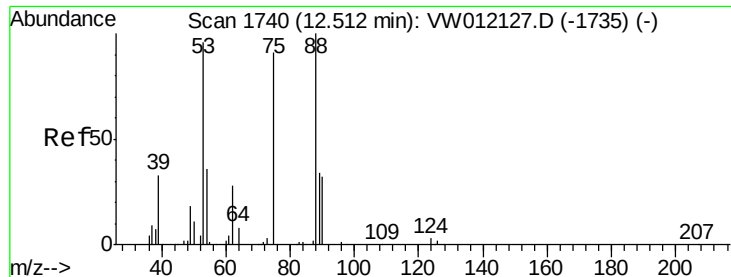
120 47.6 24.0 72.0



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: 52.318 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW012707.D

Acq: 06 Sep 2019 22:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

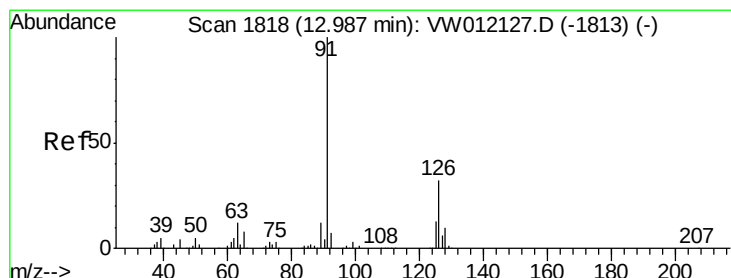
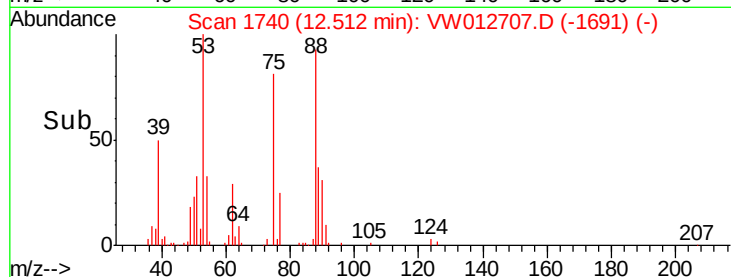
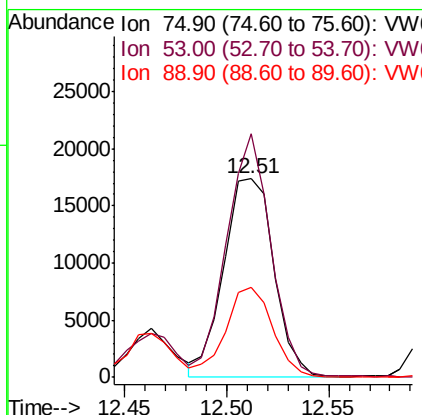
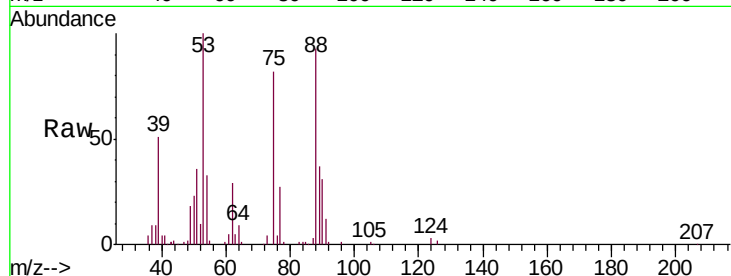
Tgt Ion: 75 Resp: 29746

Ion Ratio Lower Upper

75 100

53 106.7 89.4 134.0

89 42.7 34.5 51.7



#82

4-Chlorotoluene

Concen: 48.772 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW012707.D

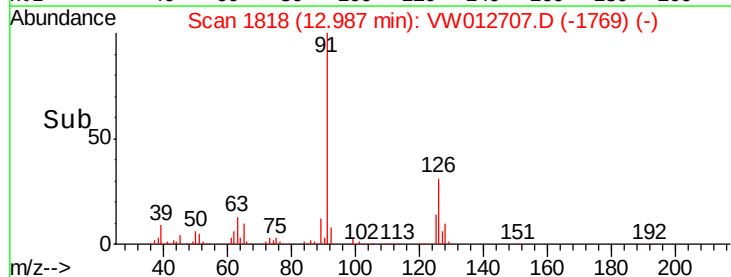
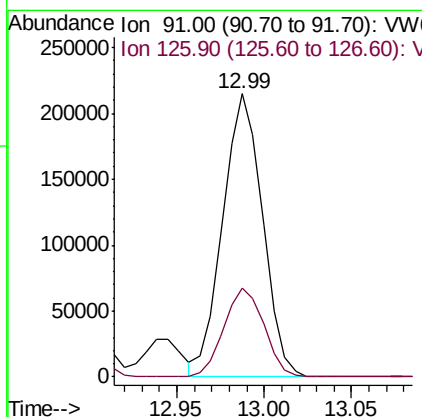
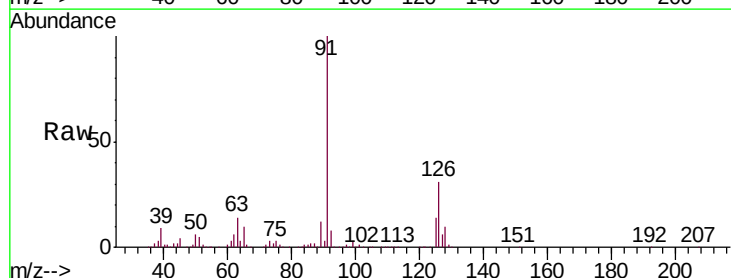
Acq: 06 Sep 2019 22:57

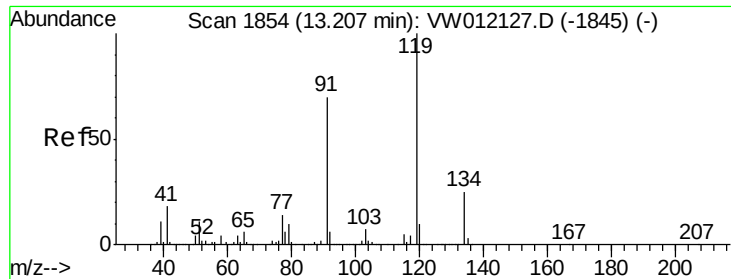
Tgt Ion: 91 Resp: 339475

Ion Ratio Lower Upper

91 100

126 31.7 15.6 46.8

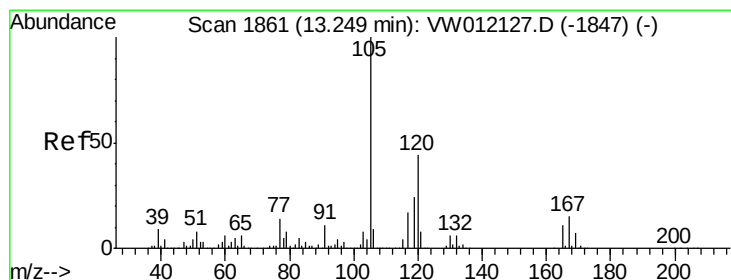
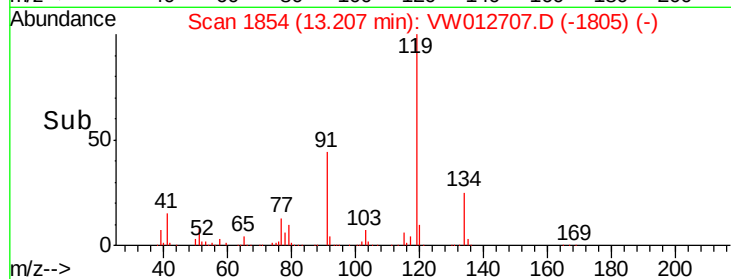
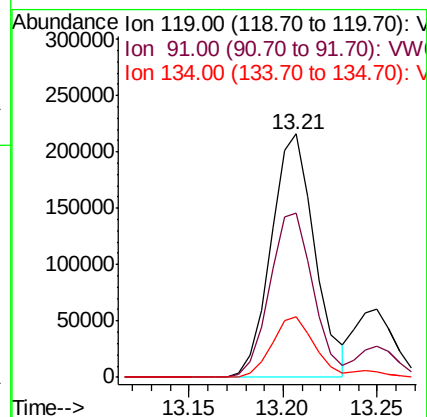
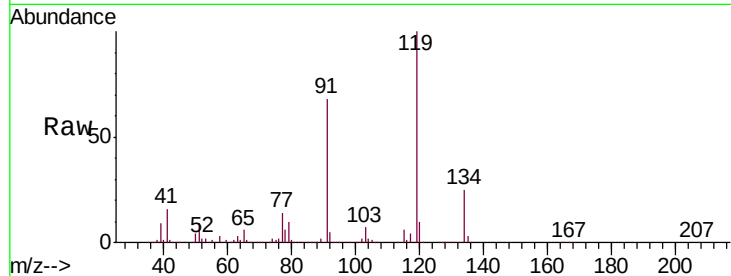




#83
 tert-Butylbenzene
 Concen: 51.028 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW012707.D
 Acq: 06 Sep 2019 22:57

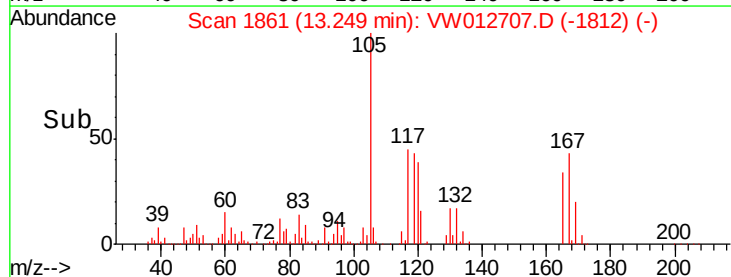
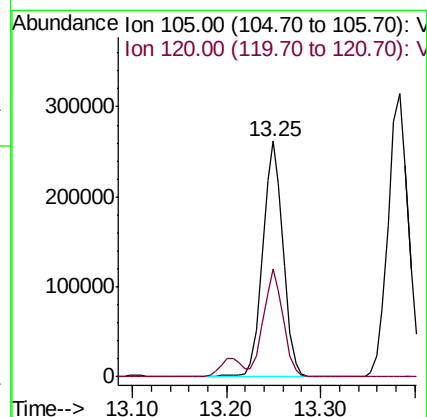
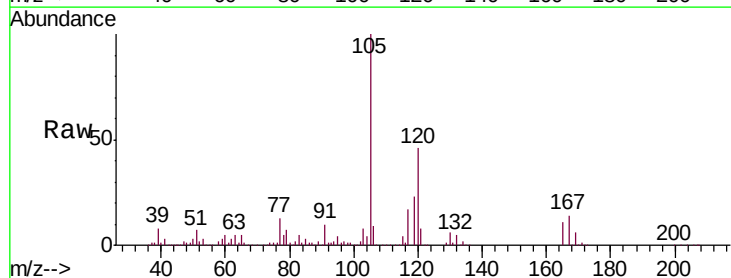
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

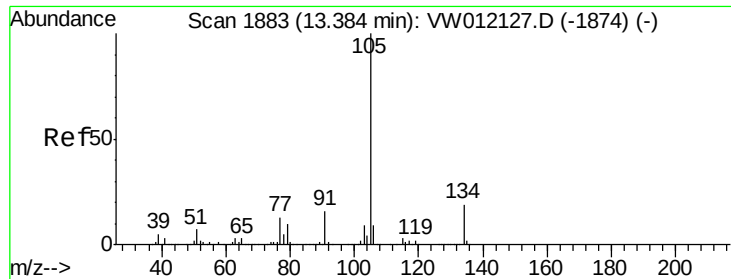
Tgt Ion:119 Resp: 346412
 Ion Ratio Lower Upper
 119 100
 91 67.1 34.8 104.3
 134 24.5 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 49.620 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW012707.D
 Acq: 06 Sep 2019 22:57

Tgt Ion:105 Resp: 399461
 Ion Ratio Lower Upper
 105 100
 120 43.8 21.9 65.7

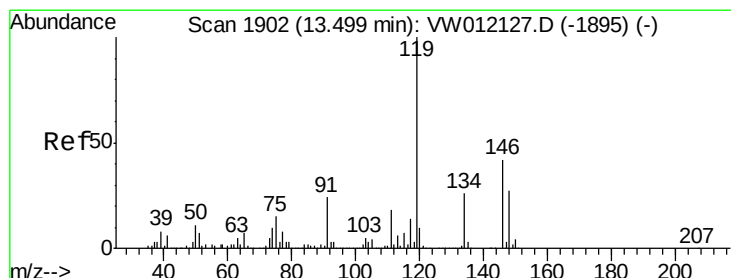
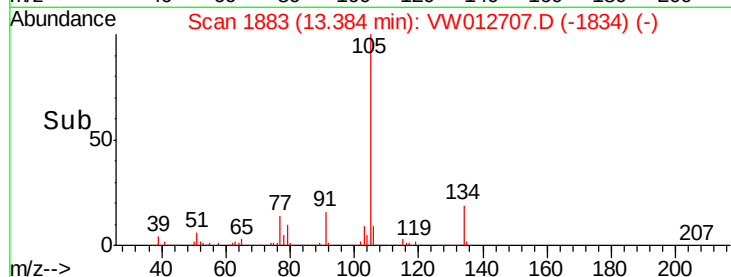
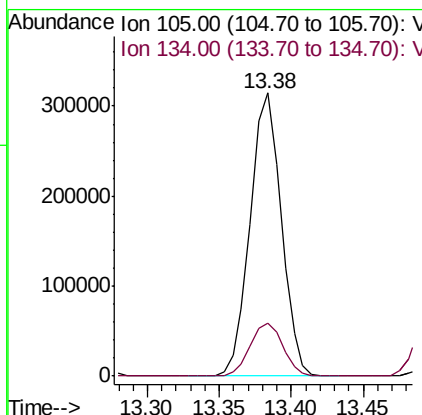
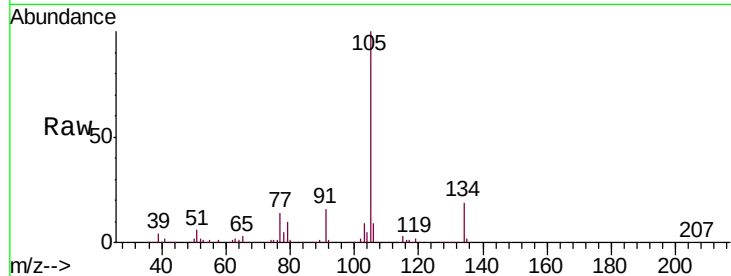




#85
 sec-Butylbenzene
 Concen: 48.458 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW012707.D
 Acq: 06 Sep 2019 22:57

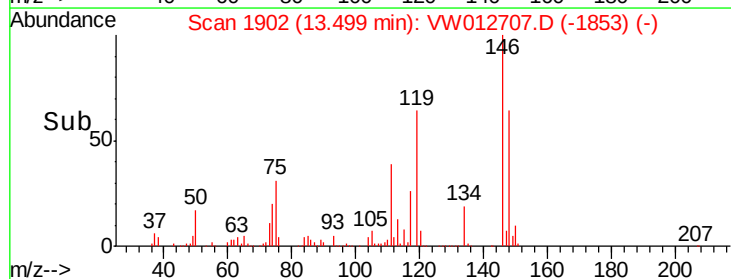
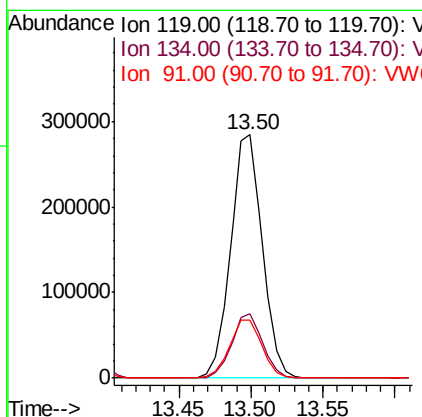
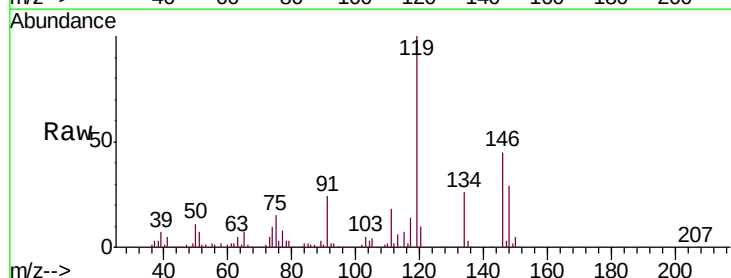
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

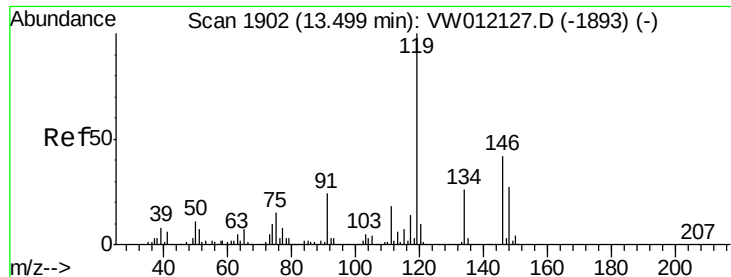
Tgt Ion:105 Resp: 471304
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 49.940 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012707.D
 Acq: 06 Sep 2019 22:57

Tgt Ion:119 Resp: 433768
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.3
 91 24.5 12.3 36.9

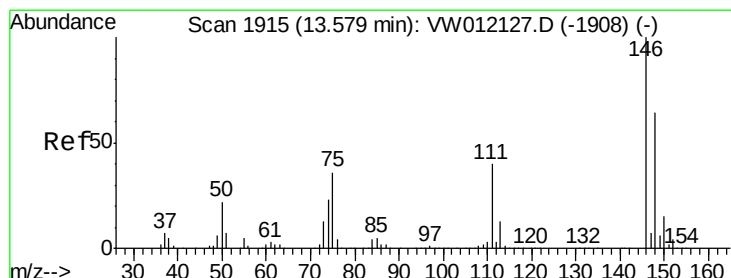
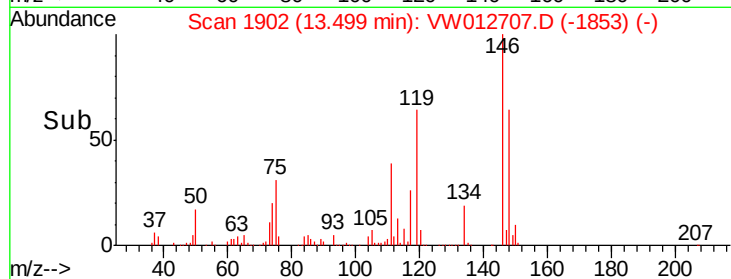
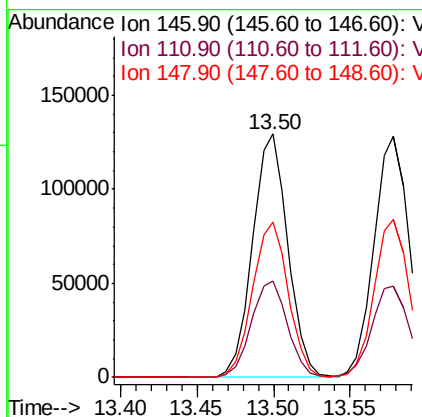
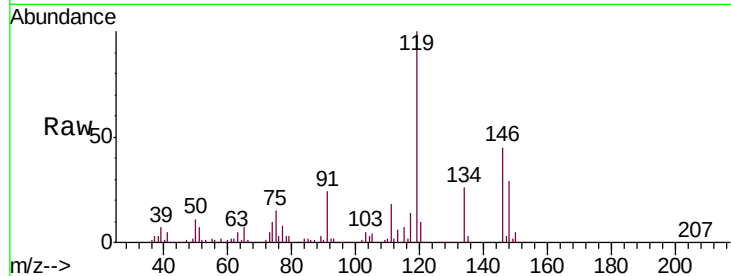




#87
 1,3-Dichlorobenzene
 Concen: 51.053 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012707.D
 Acq: 06 Sep 2019 22:57

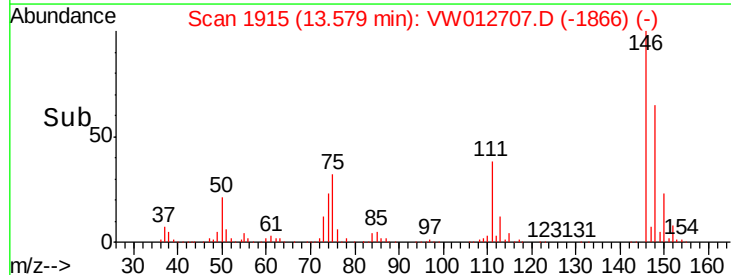
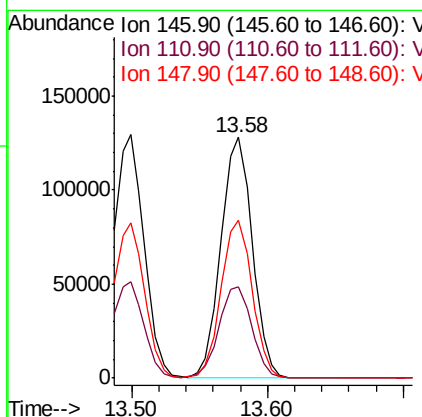
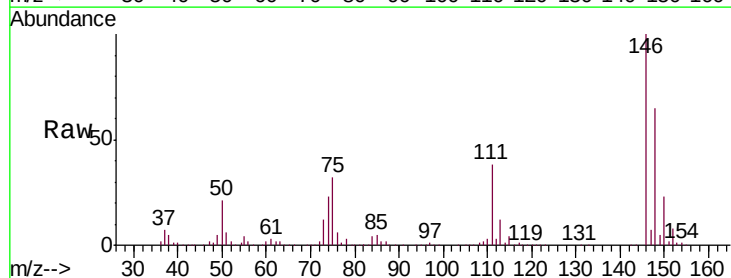
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

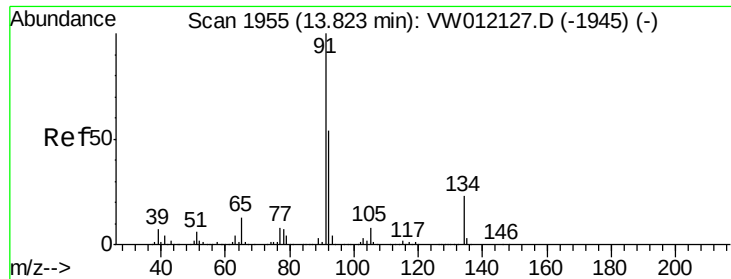
Tgt Ion:146 Resp: 207195
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.9 62.7
 148 64.6 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 51.017 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW012707.D
 Acq: 06 Sep 2019 22:57

Tgt Ion:146 Resp: 205582
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.0 60.0
 148 65.1 32.1 96.3





#89

n-Butylbenzene

Concen: 47.186 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW012707.D

Acq: 06 Sep 2019 22:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

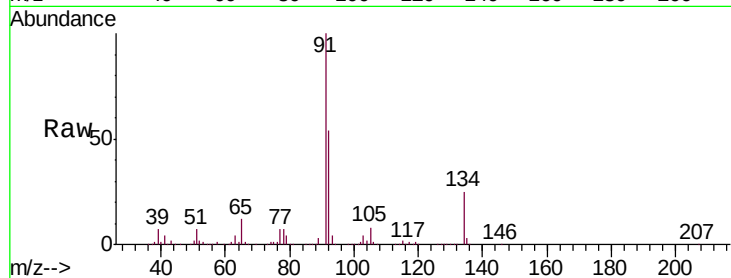
Tgt Ion: 91 Resp: 407573

Ion Ratio Lower Upper

91 100

92 53.5 27.1 81.2

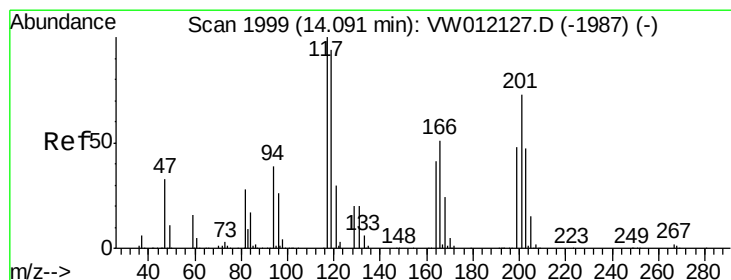
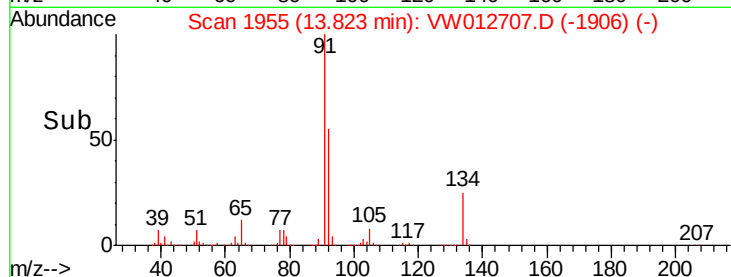
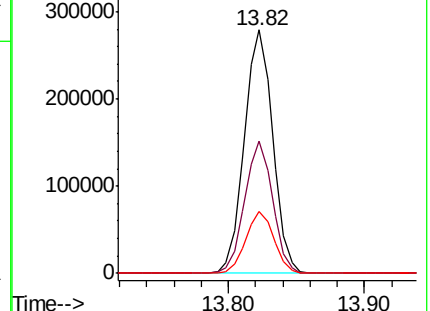
134 25.2 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 48.397 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW012707.D

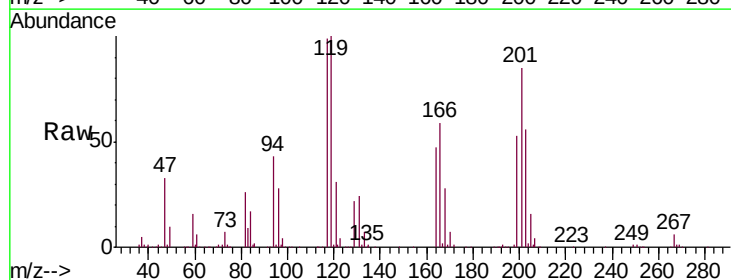
Acq: 06 Sep 2019 22:57

Tgt Ion: 117 Resp: 73752

Ion Ratio Lower Upper

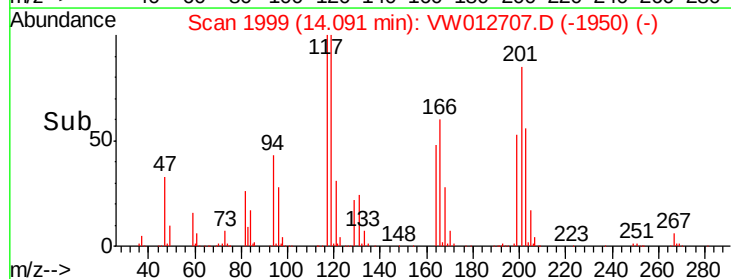
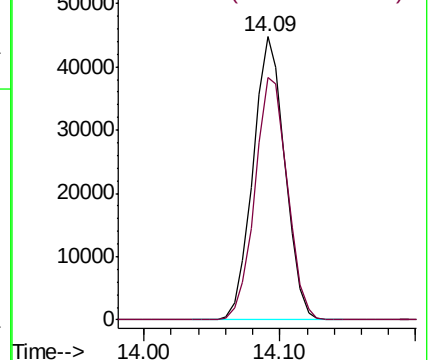
117 100

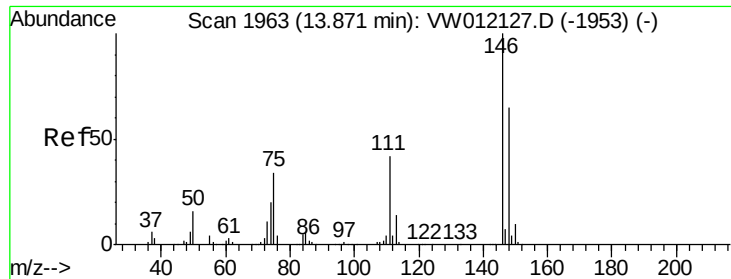
201 87.2 38.6 115.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

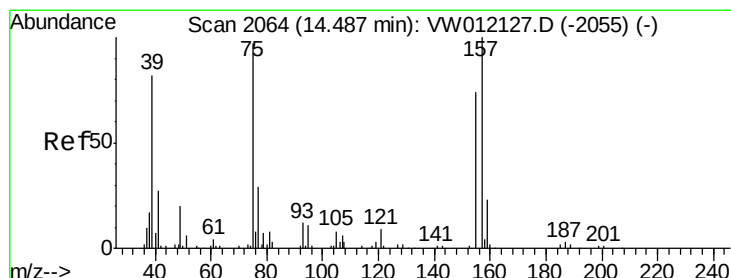
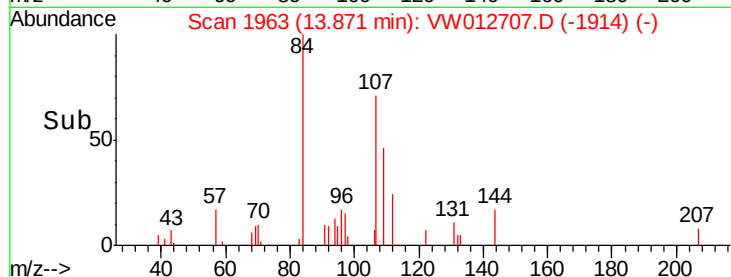
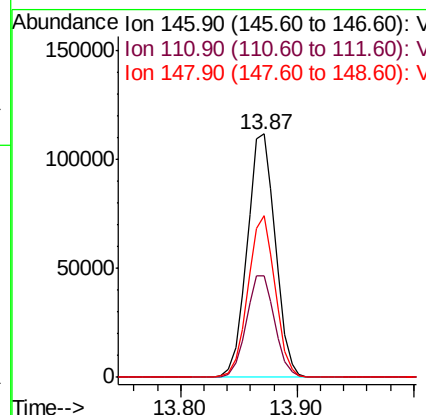
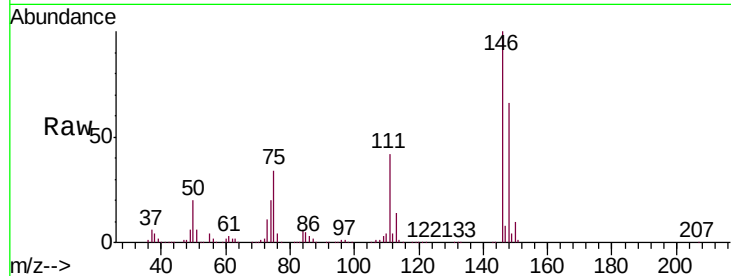




#91
 1,2-Dichlorobenzene
 Concen: 52.898 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW012707.D
 Acq: 06 Sep 2019 22:57

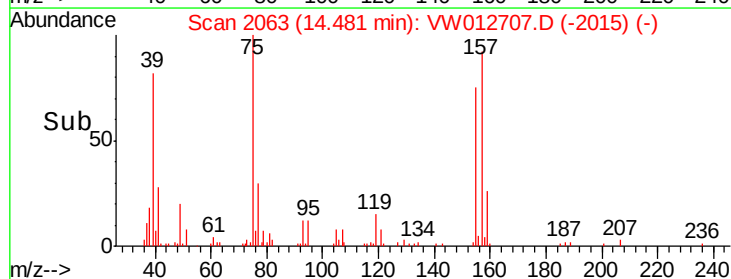
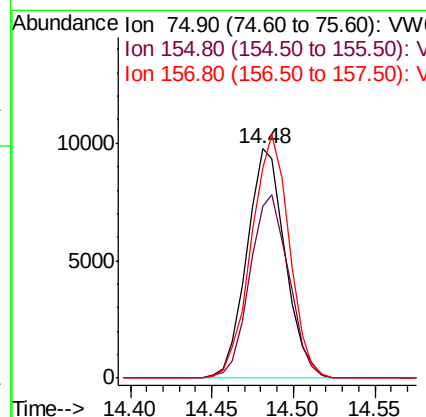
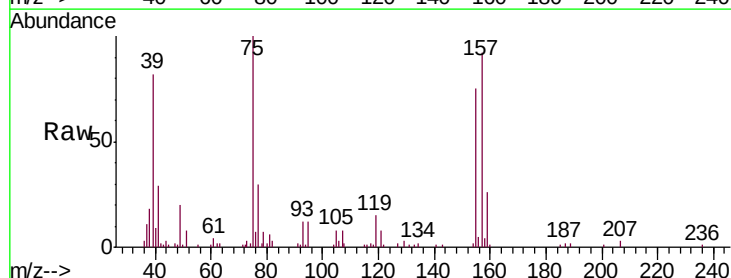
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

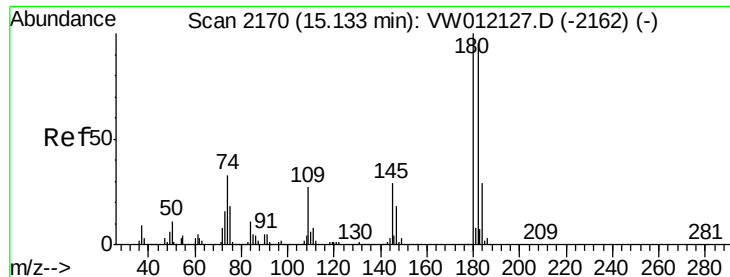
Tgt Ion: 146 Resp: 188331
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.2 63.6
 148 64.0 32.5 97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.163 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW012707.D
 Acq: 06 Sep 2019 22:57

Tgt Ion: 75 Resp: 16055
 Ion Ratio Lower Upper
 75 100
 155 80.6 37.5 112.3
 157 104.9 50.5 151.5

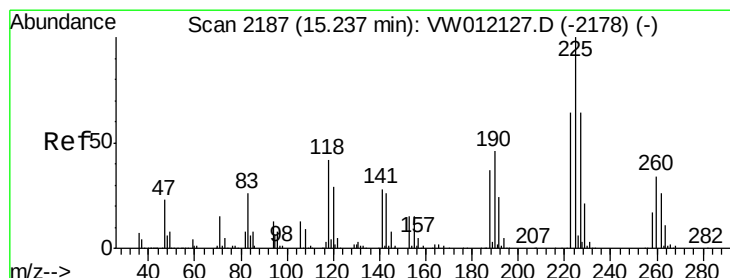
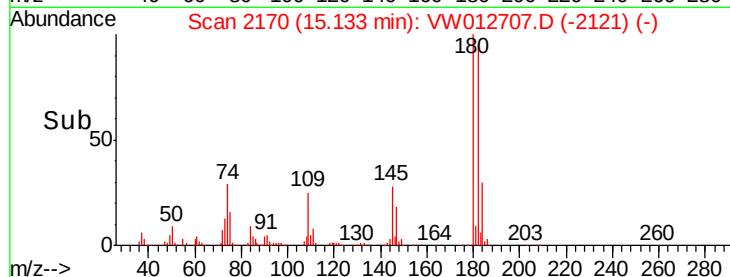
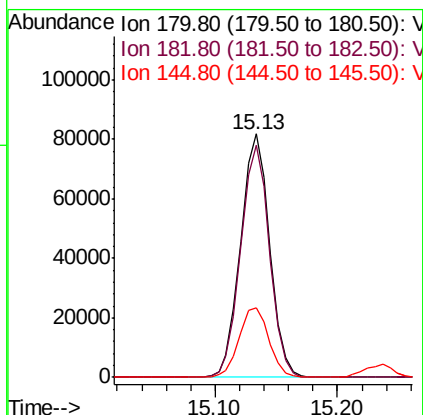
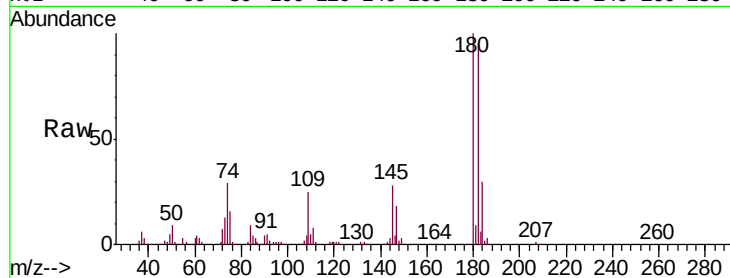




#93
 1,2,4-Trichlorobenzene
 Concen: 54.695 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW012707.D
 Acq: 06 Sep 2019 22:57

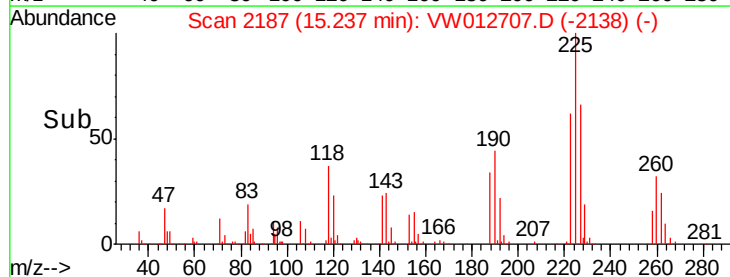
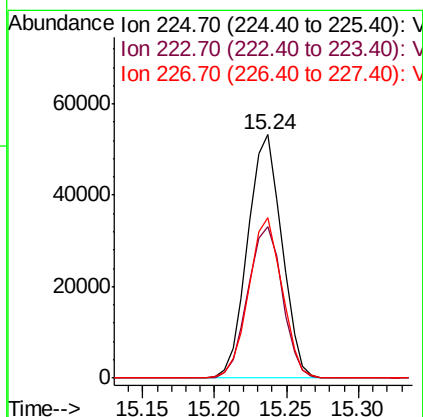
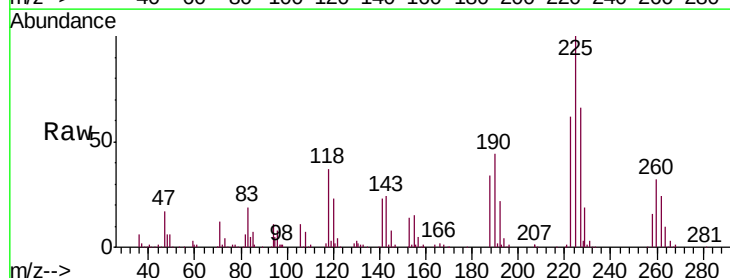
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

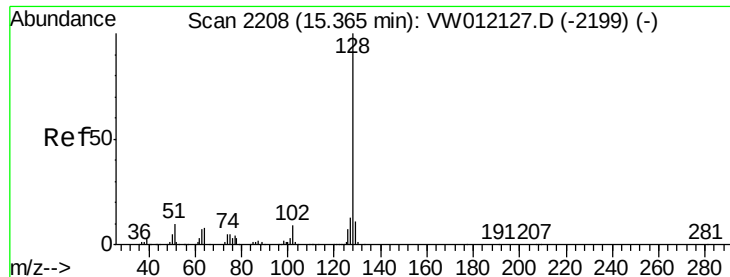
Tgt Ion:180 Resp: 134570
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.8 143.4
 145 29.3 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 53.806 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW012707.D
 Acq: 06 Sep 2019 22:57

Tgt Ion:225 Resp: 87413
 Ion Ratio Lower Upper
 225 100
 223 62.7 32.3 96.8
 227 64.3 32.9 98.6

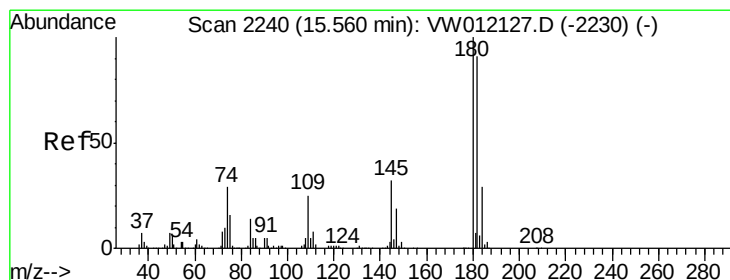
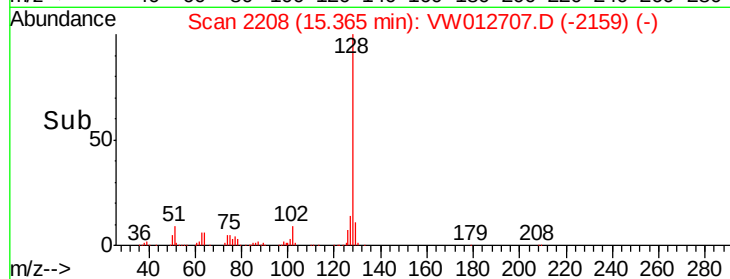
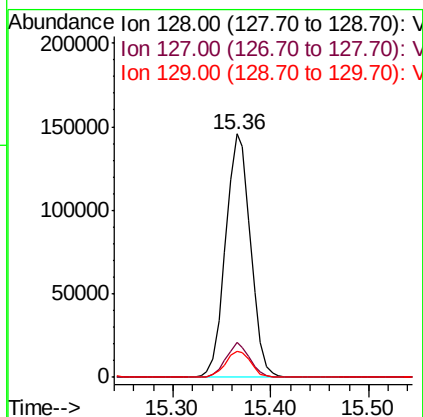
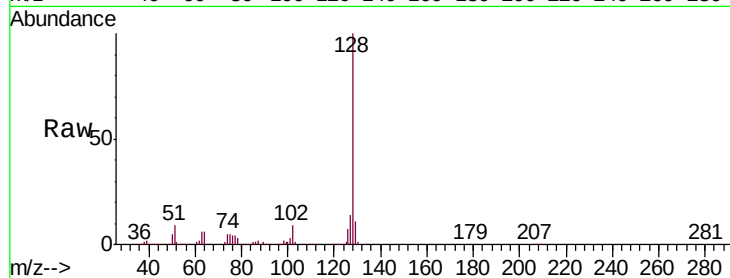




#95
Naphthalene
Concen: 52.989 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012707.D
Acq: 06 Sep 2019 22:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 257194
Ion Ratio Lower Upper
128 100
127 13.6 10.7 16.1
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 55.809 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012707.D
Acq: 06 Sep 2019 22:57

Tgt Ion:180 Resp: 119801
Ion Ratio Lower Upper
180 100
182 94.5 47.1 141.3
145 31.1 16.2 48.5

