

Data File : VW010498.D
Acq On : 21 May 2019 20:31
Operator : SY/VA
Sample : VSTDCCC050EC
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Quant Time: May 22 06:46:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	129066	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	227184	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	206243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	101957	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	63892	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
35) Dibromofluoromethane	7.88	113	65230	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	
50) Toluene-d8	10.32	98	240678	45.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.40%	
62) 4-Bromofluorobenzene	12.62	95	93147	44.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	56064	48.751	ug/l	98
3) Chloromethane	2.21	50	62500	46.089	ug/l	99
4) Vinyl Chloride	2.35	62	70069	44.608	ug/l	98
5) Bromomethane	2.75	94	51848	47.981	ug/l	99
6) Chloroethane	2.90	64	47786	47.391	ug/l	97
7) Trichlorofluoromethane	3.25	101	115731	49.905	ug/l	96
8) Diethyl Ether	3.68	74	39554	53.807	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	69863	48.919	ug/l	100
10) Methyl Iodide	4.27	142	80570	49.358	ug/l	99
11) Tert butyl alcohol	5.17	59	32450	270.803	ug/l	99
12) 1,1-Dichloroethene	4.04	96	66814	49.010	ug/l	96
13) Acrolein	3.90	56	22813	334.244	ug/l	100
14) Allyl chloride	4.67	41	100018	50.685	ug/l	100
15) Acrylonitrile	5.37	53	83592	271.522	ug/l	100
16) Acetone	4.12	43	70173	258.058	ug/l	99
17) Carbon Disulfide	4.38	76	200277	49.253	ug/l	100
18) Methyl Acetate	4.67	43	38276	57.553	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	192473	55.381	ug/l	96
20) Methylene Chloride	4.92	84	76431	47.666	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	80582	51.532	ug/l	97
22) Diisopropyl ether	6.31	45	212630	52.550	ug/l	100
23) Vinyl Acetate	6.26	43	646242	267.373	ug/l	100
24) 1,1-Dichloroethane	6.21	63	126865	52.540	ug/l	99
25) 2-Butanone	7.17	43	108253	278.175	ug/l	98
26) 2,2-Dichloropropane	7.16	77	109385	47.557	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	91179	53.634	ug/l	97
28) Bromochloromethane	7.51	49	51881	60.011	ug/l	96
29) Tetrahydrofuran	7.53	42	71633	272.026	ug/l	99
30) Chloroform	7.68	83	138761	53.277	ug/l	99
31) Cyclohexane	7.95	56	115307	45.588	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	127578	51.250	ug/l	98
36) 1,1-Dichloropropene	8.08	75	103424	48.869	ug/l	100
37) Ethyl Acetate	7.25	43	49207	54.677	ug/l	100
38) Carbon Tetrachloride	8.07	117	113045	49.516	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	135570	47.814	ug/l	96
40) Benzene	8.32	78	303785	51.645	ug/l	100
41) Methacrylonitrile	7.48	41	27534	51.491	ug/l	98
42) 1,2-Dichloroethane	8.40	62	90014	53.541	ug/l	100
43) Isopropyl Acetate	8.43	43	95706	53.231	ug/l	100
44) Trichloroethene	9.09	130	88347	50.591	ug/l	99
45) 1,2-Dichloropropane	9.37	63	72705	52.043	ug/l	100
46) Dibromomethane	9.46	93	44108	53.987	ug/l	98
47) Bromodichloromethane	9.64	83	107161	52.194	ug/l	98
48) Methyl methacrylate	9.43	41	43751	53.191	ug/l	98
49) 1,4-Dioxane	9.45	88	14467	1083.972	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	245699	269.686	ug/l	100
52) Toluene	10.39	92	204165	51.683	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	108365	52.115	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	124381	52.377	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	64815	55.168	ug/l	98
56) Ethyl methacrylate	10.65	69	87618	54.074	ug/l	97
57) 1,3-Dichloropropane	10.93	76	107592	54.672	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	194396	270.863	ug/l	98
59) 2-Hexanone	10.97	43	173327	266.699	ug/l	99
60) Dibromochloromethane	11.13	129	79635	53.558	ug/l	100
61) 1,2-Dibromoethane	11.24	107	65041	54.651	ug/l	99
64) Tetrachloroethene	10.86	164	73140	50.873	ug/l	97
65) Chlorobenzene	11.66	112	225265	51.249	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	81087	51.498	ug/l	99
67) Ethyl Benzene	11.73	91	381351	49.140	ug/l	98
68) m/p-Xylenes	11.84	106	301981	99.209	ug/l	100
69) o-Xylene	12.16	106	145694	50.519	ug/l	99
70) Styrene	12.18	104	249681	51.026	ug/l	100
71) Bromoform	12.35	173	45027	51.929	ug/l #	100
73) Isopropylbenzene	12.46	105	383748	47.431	ug/l	100
74) N-amyl acetate	12.27	43	91181	49.181	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	75943	51.606	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	93958	90.787	ug/l #	1
77) Bromobenzene	12.75	156	91256	50.403	ug/l	100
78) n-propylbenzene	12.80	91	440462	46.715	ug/l	100
79) 2-Chlorotoluene	12.90	91	262338	47.978	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	330181	48.185	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	24045	48.489	ug/l	98
82) 4-Chlorotoluene	12.99	91	272879	48.081	ug/l	100
83) tert-Butylbenzene	13.21	119	279356	46.672	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	328788	48.176	ug/l	99
85) sec-Butylbenzene	13.38	105	387639	46.278	ug/l	100
86) p-Isopropyltoluene	13.50	119	352404	46.481	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	172790	48.644	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	178365	50.047	ug/l	100
89) n-Butylbenzene	13.83	91	326711	45.304	ug/l	100
90) Hexachloroethane	14.10	117	68570	46.726	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	162199	50.114	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	13689	50.027	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW052119\
Quantitation Report (Not Reviewed)

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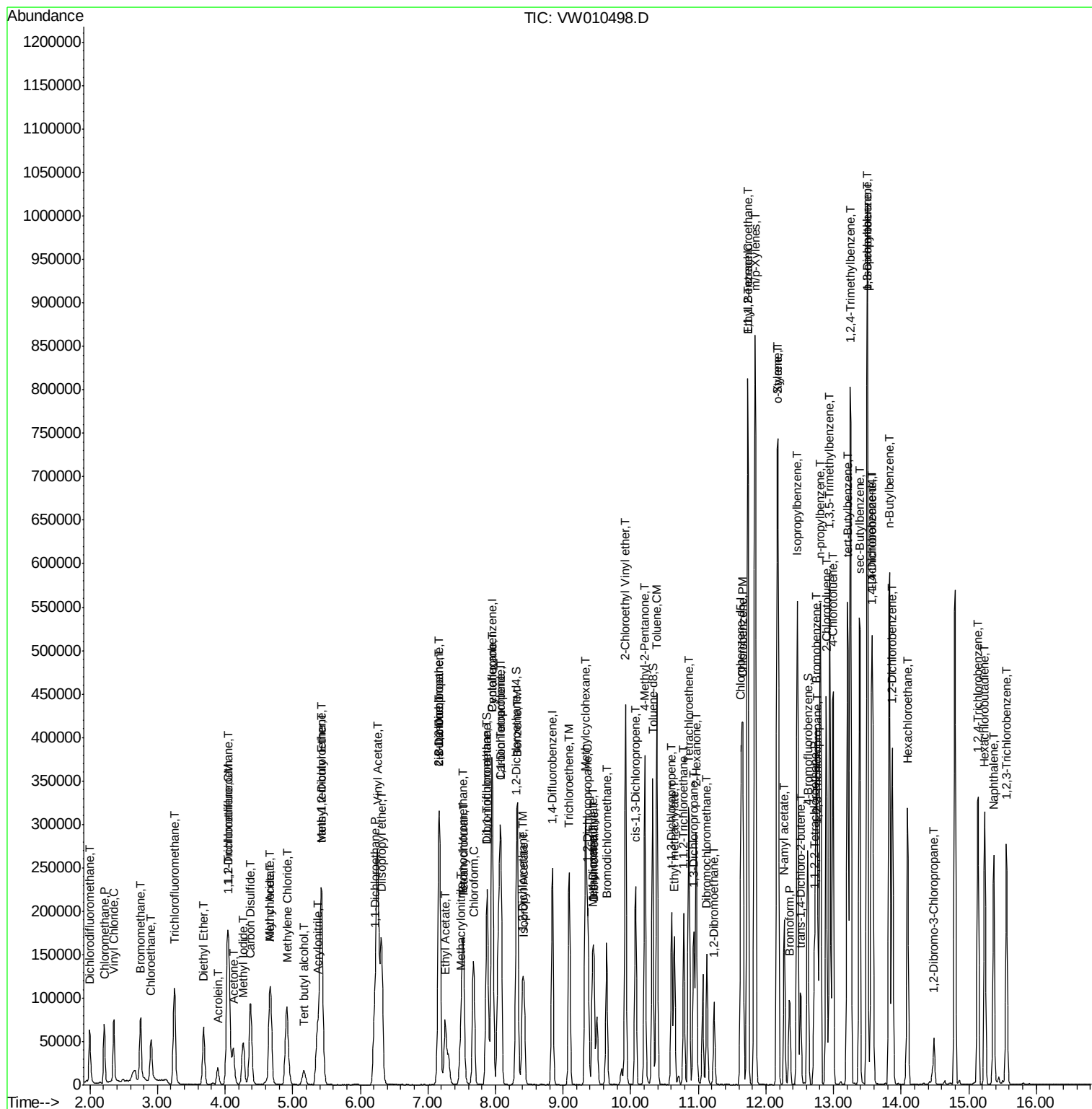
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	106200	48.226	ug/l	99
94) Hexachlorobutadiene	15.24	225	54333	46.185	ug/l	98
95) Naphthalene	15.37	128	236440	51.149	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	93824	49.515	ug/l	98

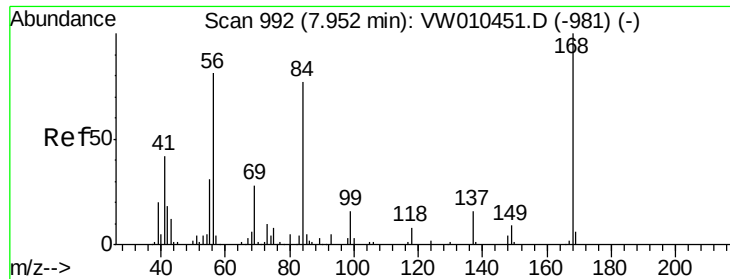
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010498.D

Acq: 21 May 2019 20:31

Instrument :

MSVOA_W

ClientSampleId :

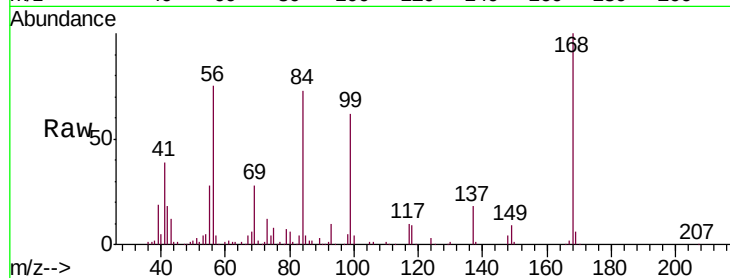
VSTDCCC050EC

Tgt Ion:168 Resp: 129066

Ion Ratio Lower Upper

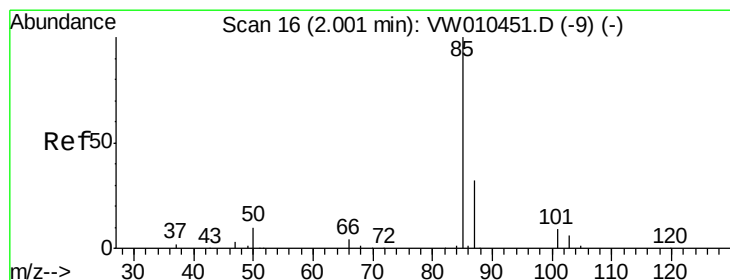
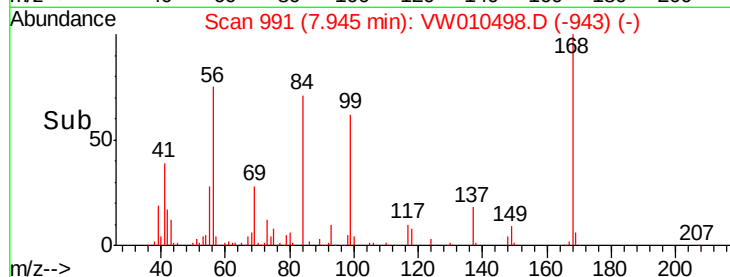
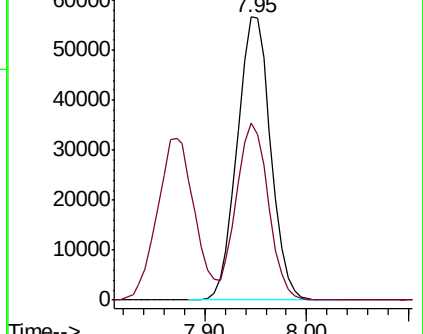
168 100

99 62.4 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 48.751 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW010498.D

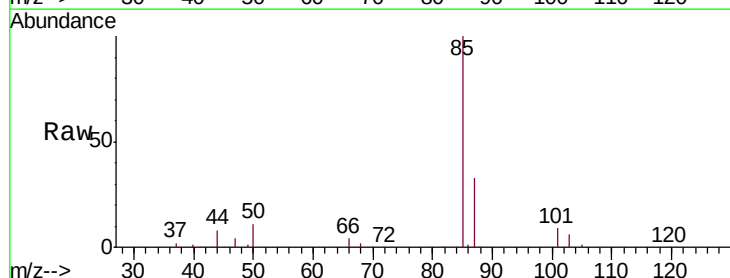
Acq: 21 May 2019 20:31

Tgt Ion: 85 Resp: 56064

Ion Ratio Lower Upper

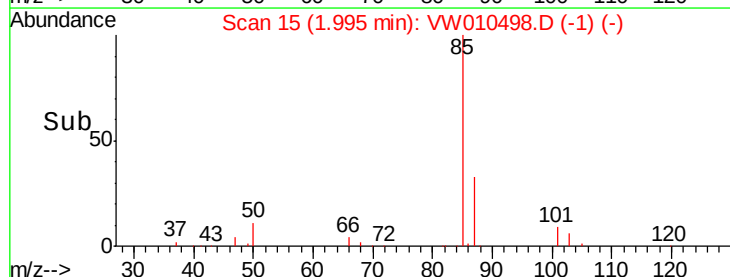
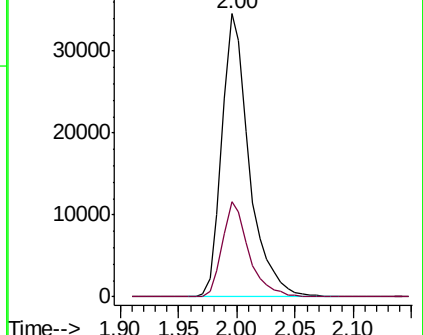
85 100

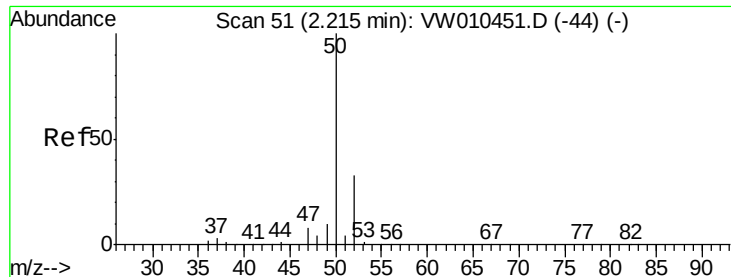
87 33.4 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 46.089 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW010498.D

Acq: 21 May 2019 20:31

Instrument :

MSVOA_W

ClientSampleId :

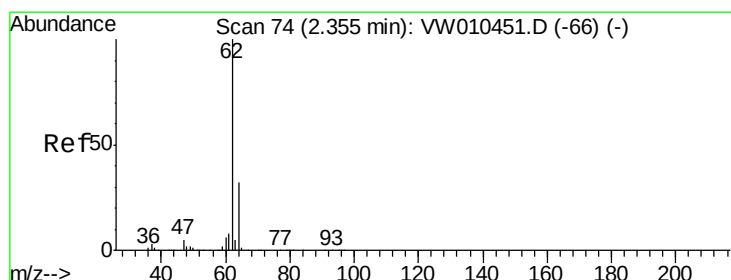
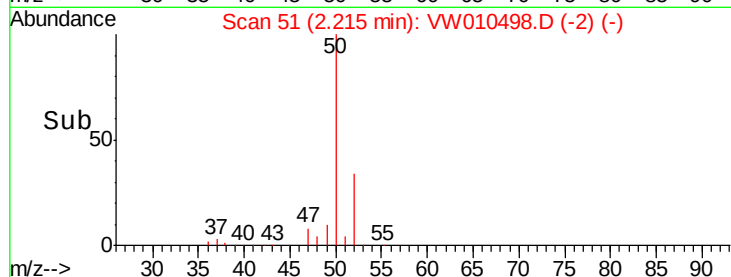
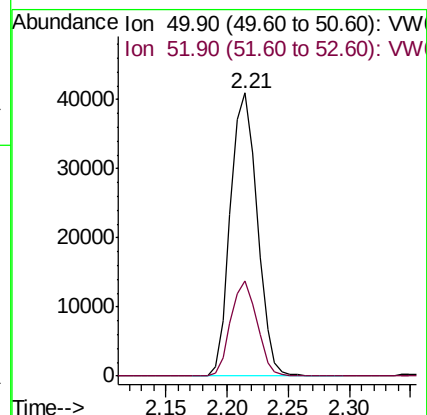
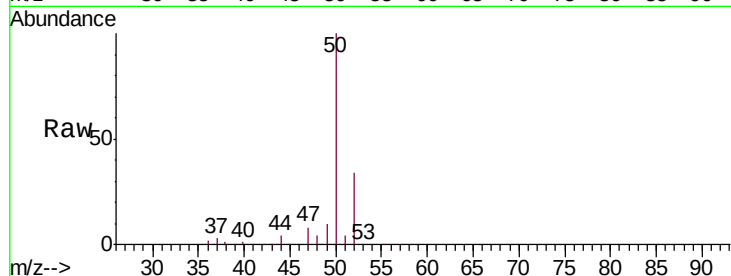
VSTDCCC050EC

Tgt Ion: 50 Resp: 62500

Ion Ratio Lower Upper

50 100

52 33.6 26.3 39.5



#4

Vinyl Chloride

Concen: 44.608 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW010498.D

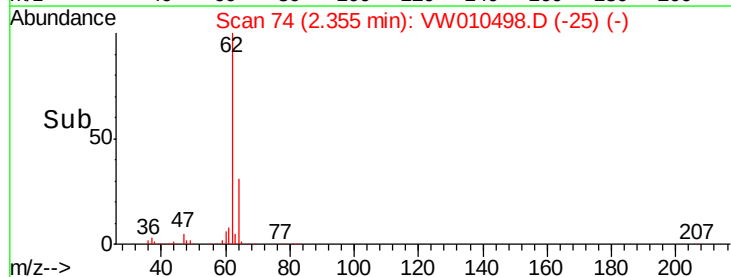
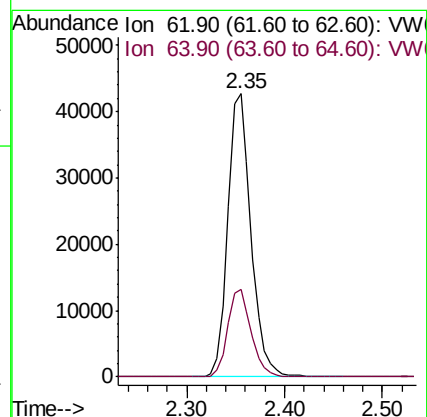
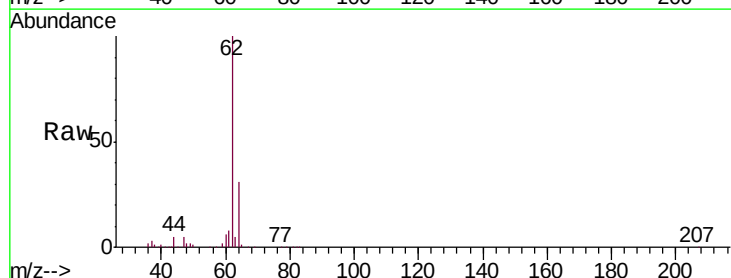
Acq: 21 May 2019 20:31

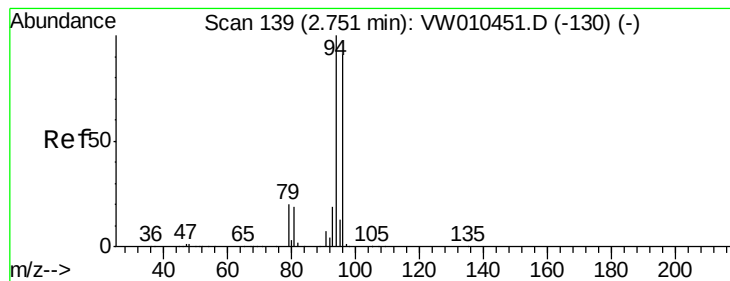
Tgt Ion: 62 Resp: 70069

Ion Ratio Lower Upper

62 100

64 31.1 25.8 38.8





#5

Bromomethane

Concen: 47.981 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.00 min

Lab File: VW010498.D

Acq: 21 May 2019 20:31

Instrument :

MSVOA_W

ClientSampleId :

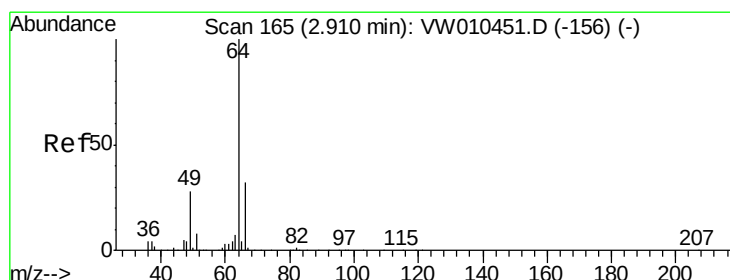
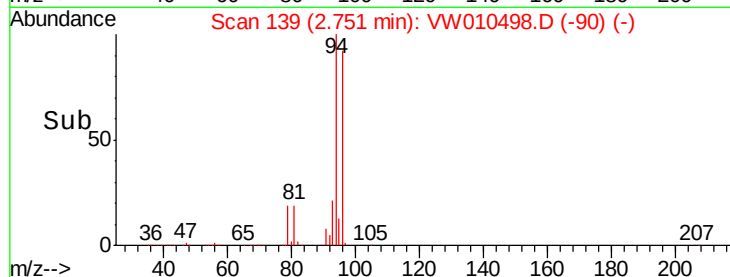
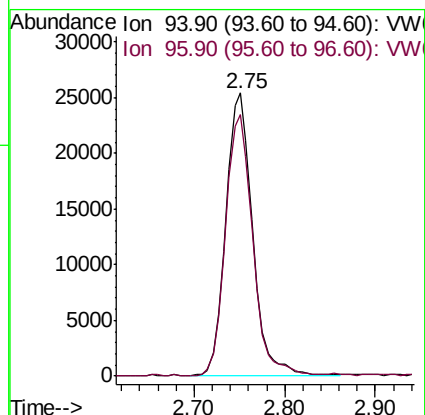
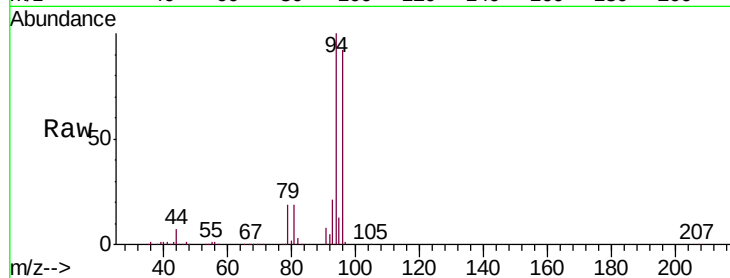
VSTDCCC050EC

Tgt Ion: 94 Resp: 51848

Ion Ratio Lower Upper

94 100

96 92.4 72.9 109.3



#6

Chloroethane

Concen: 47.391 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW010498.D

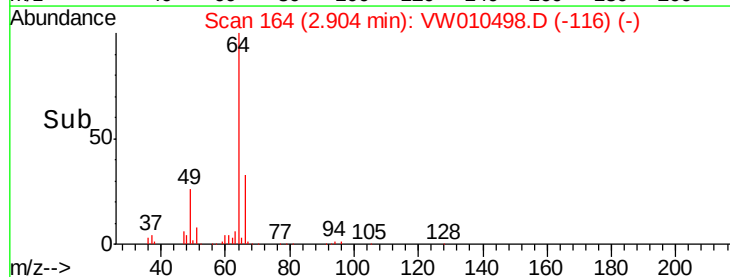
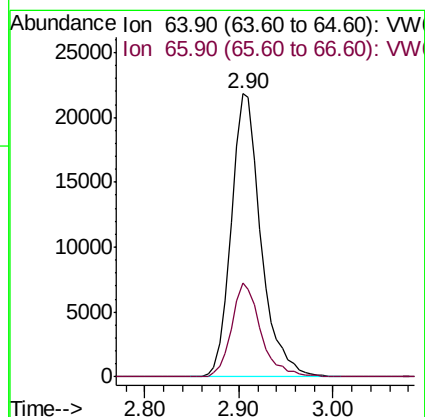
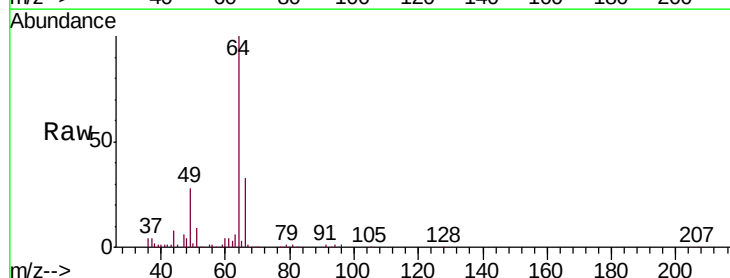
Acq: 21 May 2019 20:31

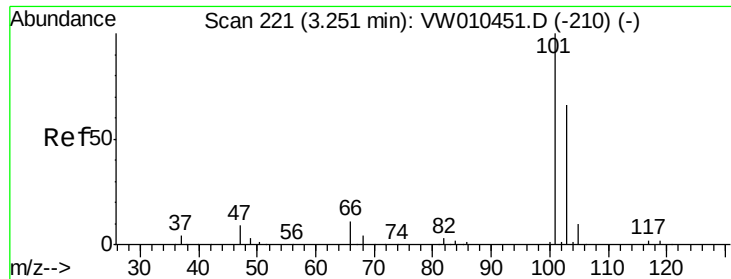
Tgt Ion: 64 Resp: 47786

Ion Ratio Lower Upper

64 100

66 33.4 25.5 38.3



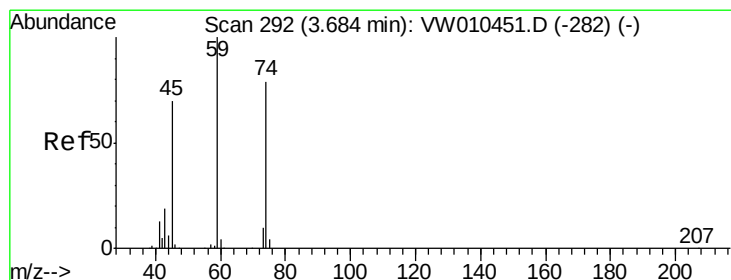
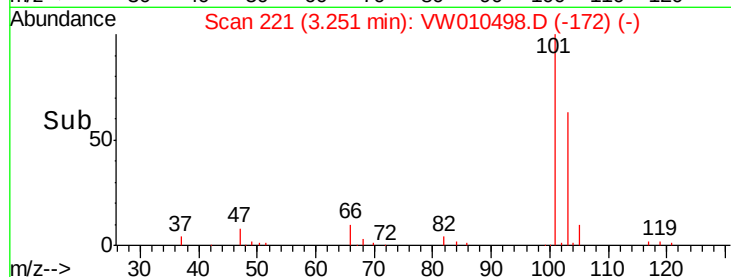
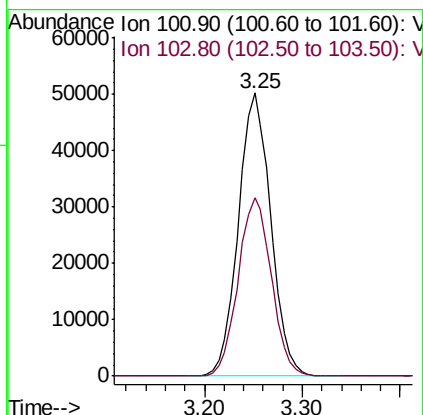
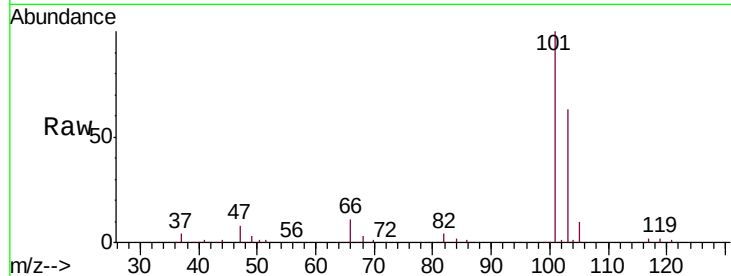


#7

Trichlorofluoromethane
 Concen: 49.905 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW010498.D
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Instrument :
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 VSTDCCC050EC

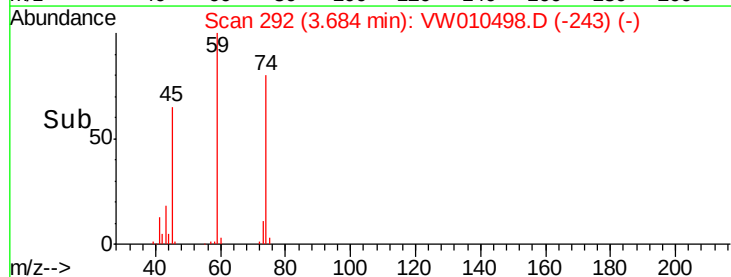
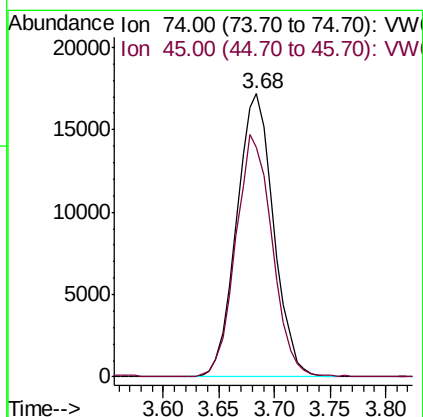
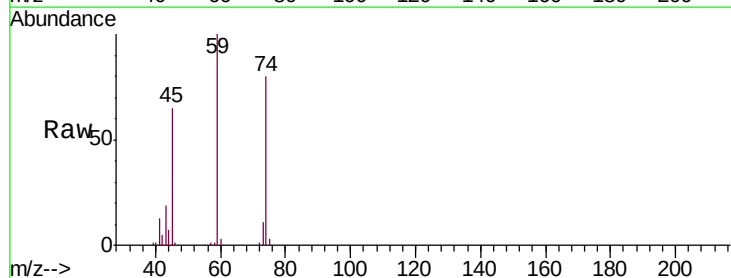
Tgt Ion: 101 Resp: 115731
 Ion Ratio Lower Upper
 101 100
 103 62.9 53.0 79.4

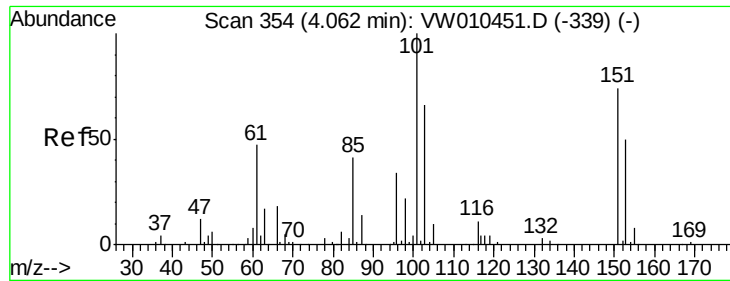


#8

Diethyl Ether
 Concen: 53.807 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW010498.D
 Acq: 21 May 2019 20:31

Tgt Ion: 74 Resp: 39554
 Ion Ratio Lower Upper
 74 100
 45 84.7 42.9 128.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.919 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW010498.D

Acq: 21 May 2019 20:31

Instrument :

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ClientSampleId :

VSTDCCC050EC

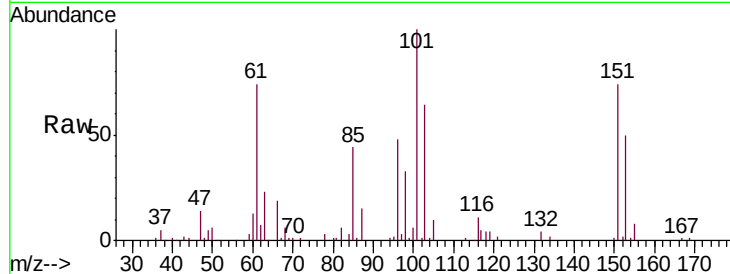
Tgt Ion:101 Resp: 69863

Ion Ratio Lower Upper

101 100

85 43.1 34.3 51.5

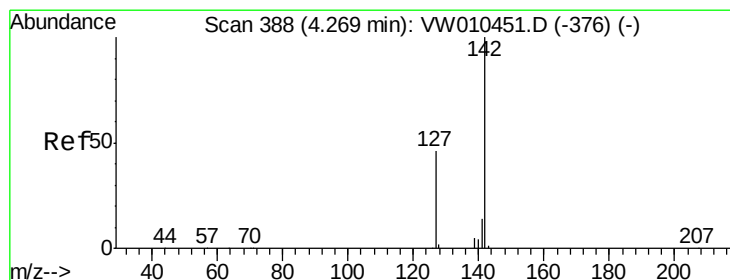
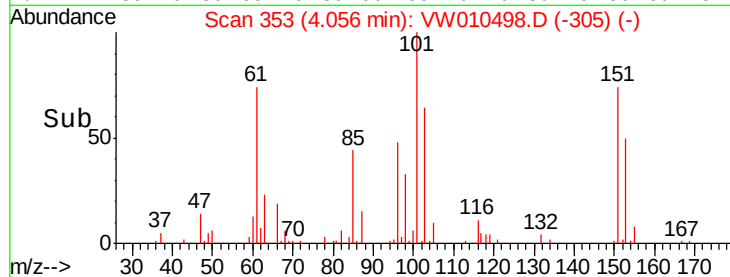
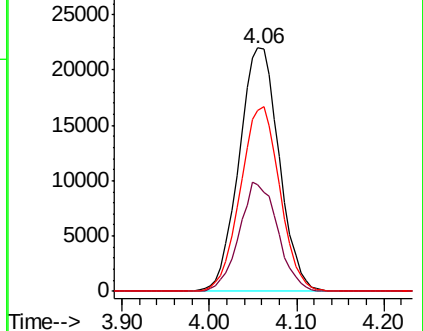
151 75.0 60.3 90.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.358 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW010498.D

Acq: 21 May 2019 20:31

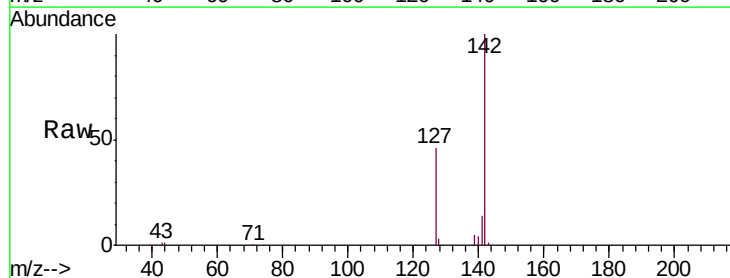
Tgt Ion:142 Resp: 80570

Ion Ratio Lower Upper

142 100

127 44.4 36.1 54.1

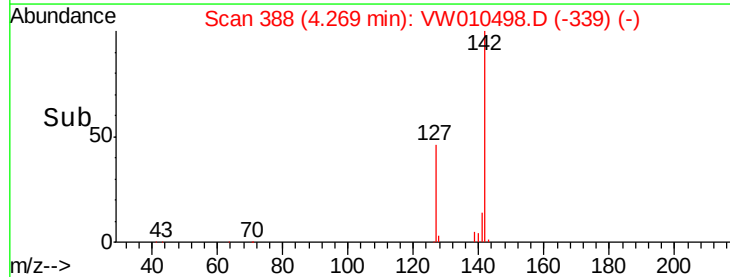
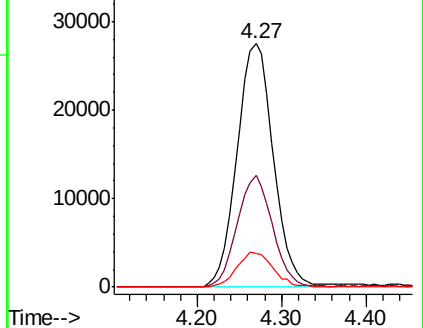
141 14.3 11.3 16.9

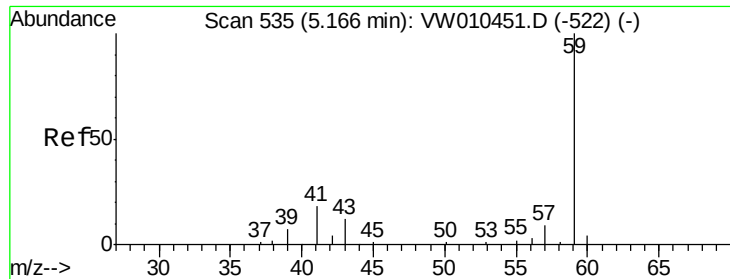


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

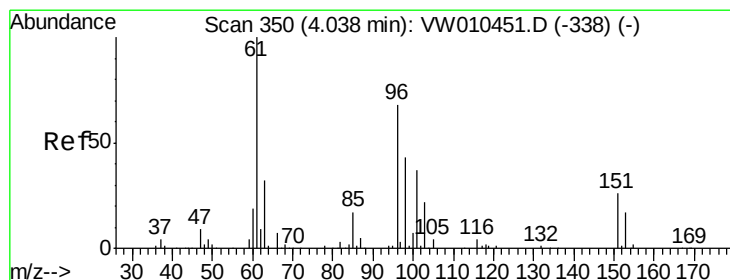
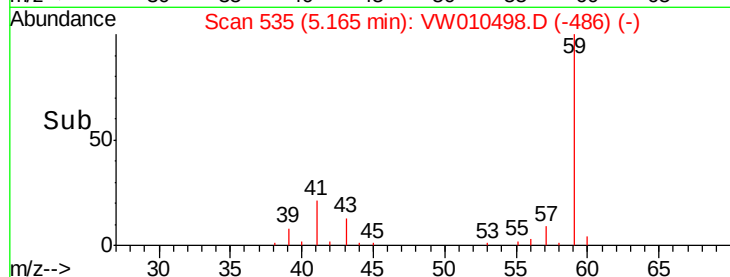
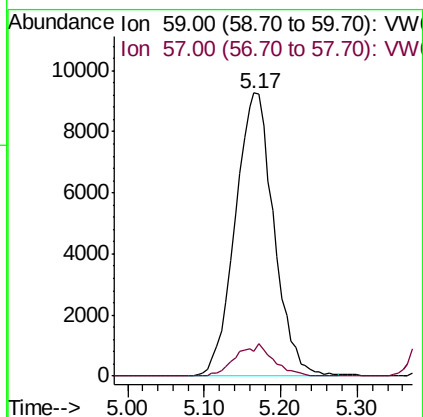
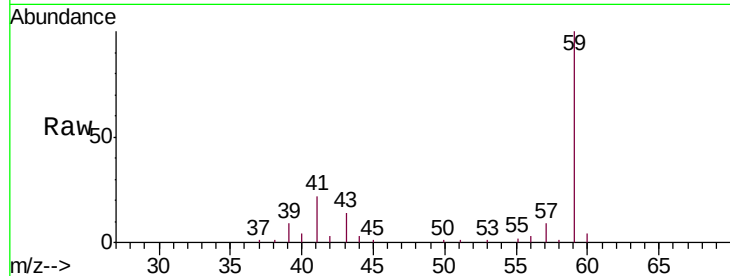




#11
Tert butyl alcohol
Concen: 270.803 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.00 min
Lab File: VW010498.D
Acq: 21 May 2019 20:31

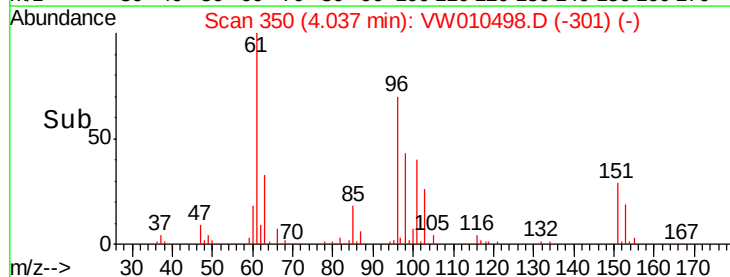
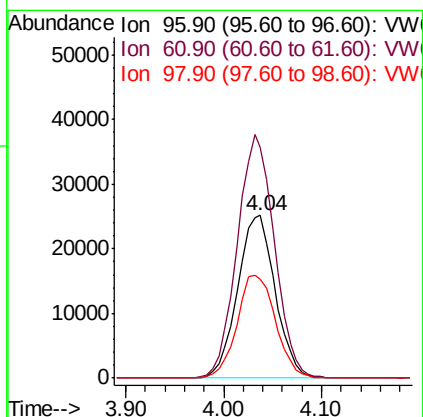
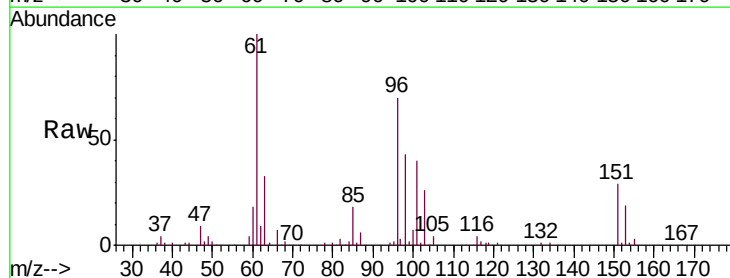
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

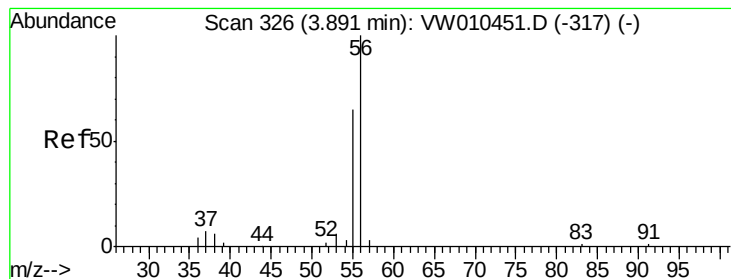
Tgt Ion: 59 Resp: 32450
Ion Ratio Lower Upper
59 100
57 10.8 8.8 13.2



#12
1,1-Dichloroethene
Concen: 49.010 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW010498.D
Acq: 21 May 2019 20:31

Tgt Ion: 96 Resp: 66814
Ion Ratio Lower Upper
96 100
61 142.0 118.3 177.5
98 61.0 51.0 76.6





#13

Acrolein

Concen: 334.244 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW010498.D

Acq: 21 May 2019 20:31

Instrument :

MSVOA_W

ClientSampleId :

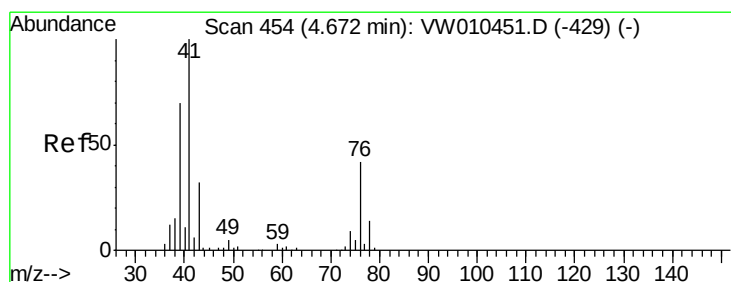
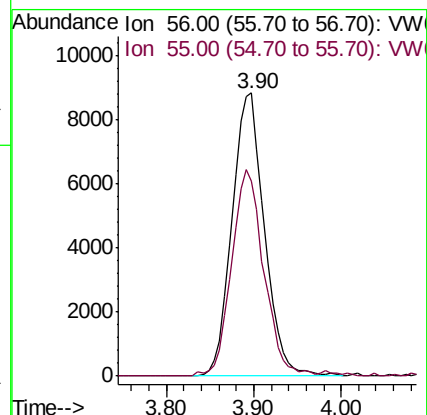
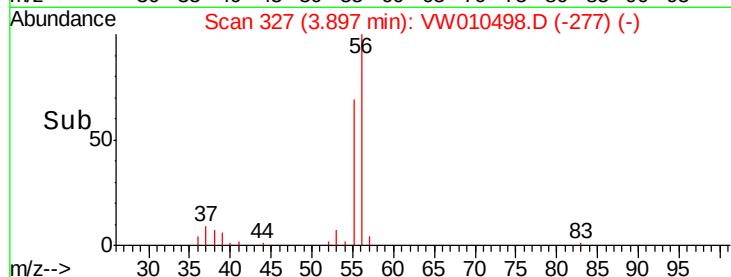
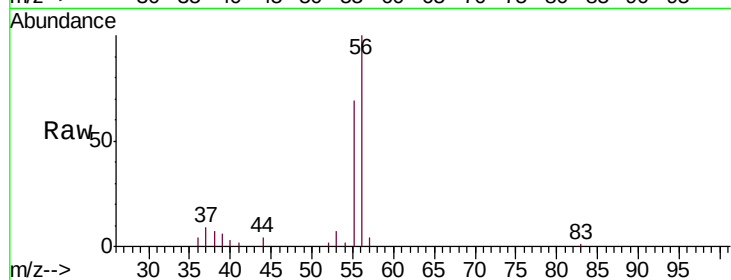
VSTDCCC050EC

Tgt Ion: 56 Resp: 22813

Ion Ratio Lower Upper

56 100

55 72.4 57.9 86.9



#14

Allyl chloride

Concen: 50.685 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW010498.D

Acq: 21 May 2019 20:31

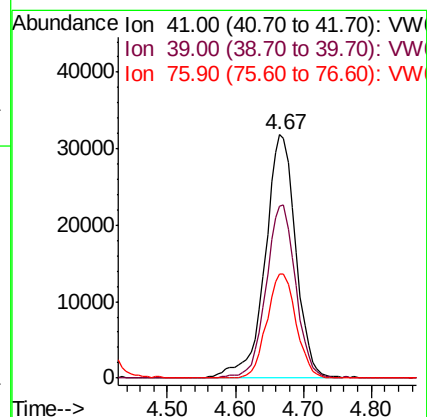
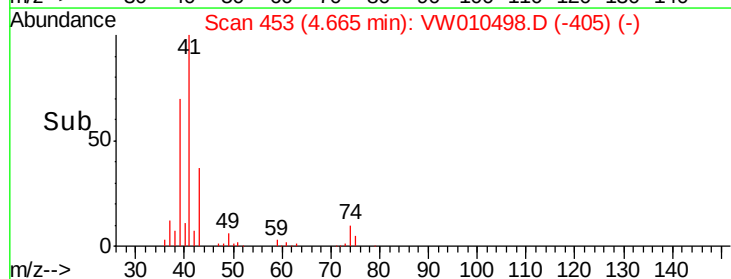
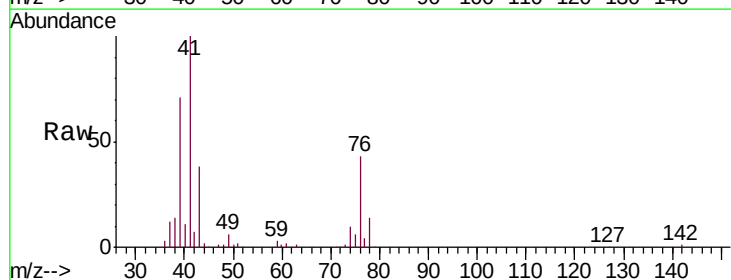
Tgt Ion: 41 Resp: 100018

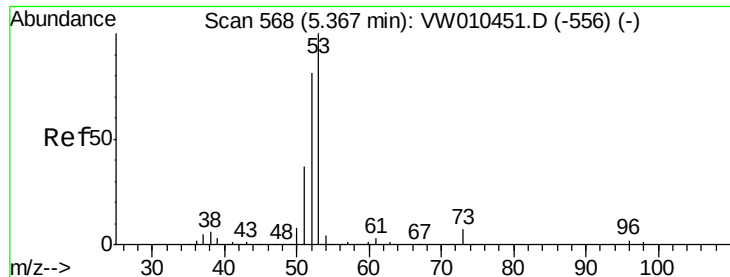
Ion Ratio Lower Upper

41 100

39 68.8 55.0 82.4

76 40.9 32.8 49.2





#15

Acrylonitrile

Concen: 271.522 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW010498.D

Acq: 21 May 2019 20:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

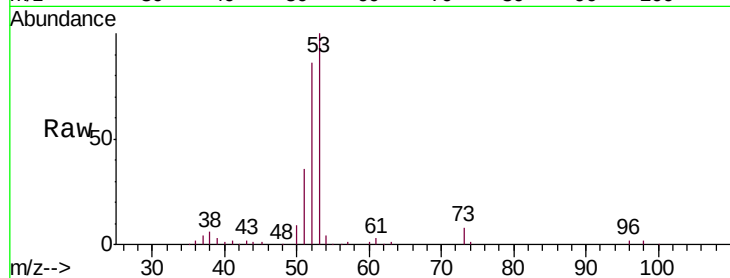
Tgt Ion: 53 Resp: 83592

Ion Ratio Lower Upper

53 100

52 81.8 65.6 98.4

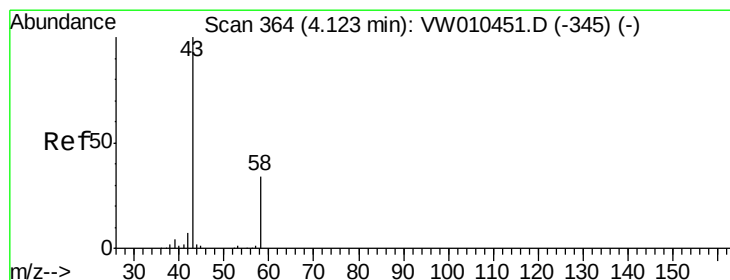
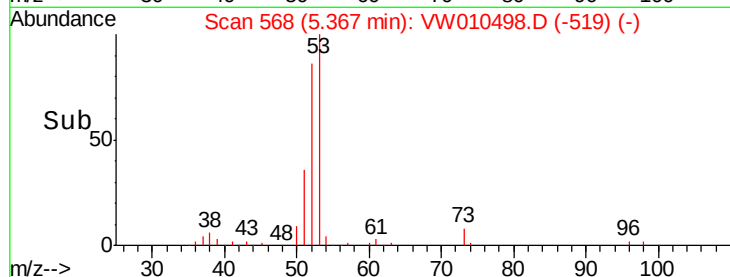
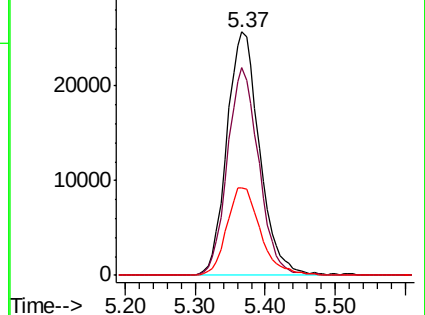
51 37.2 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 258.058 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010498.D

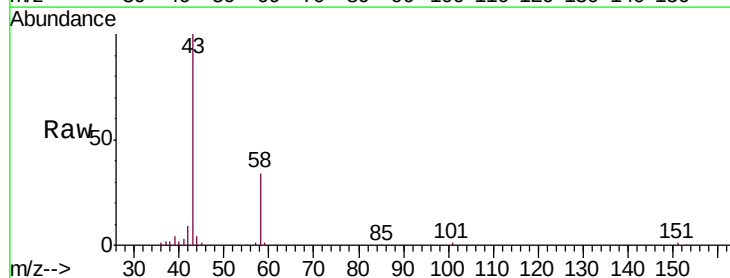
Acq: 21 May 2019 20:31

Tgt Ion: 43 Resp: 70173

Ion Ratio Lower Upper

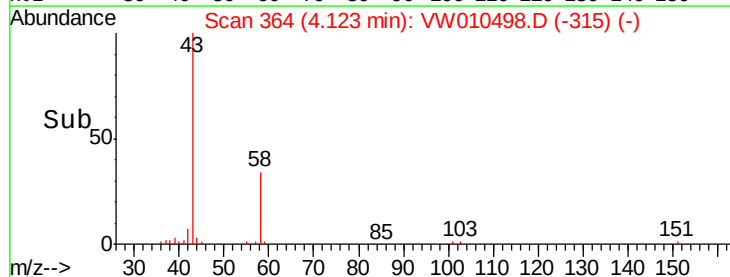
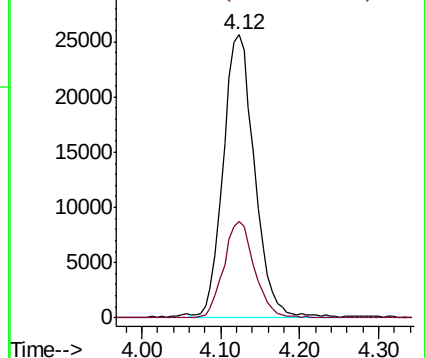
43 100

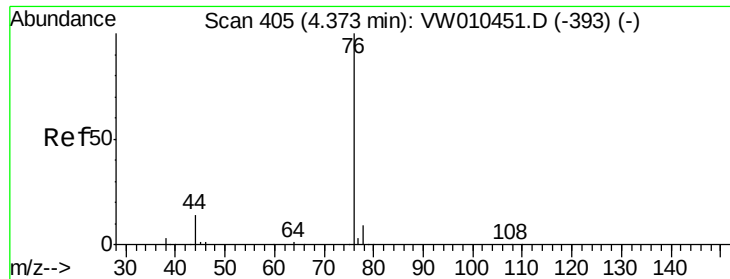
58 34.3 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

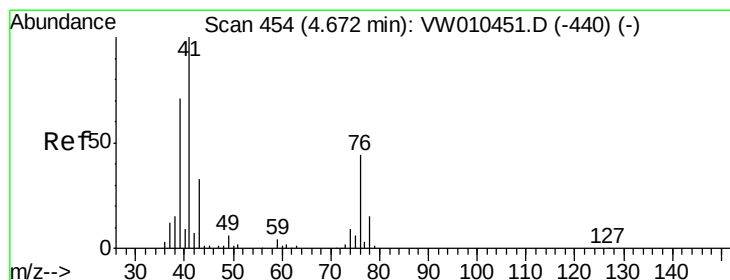
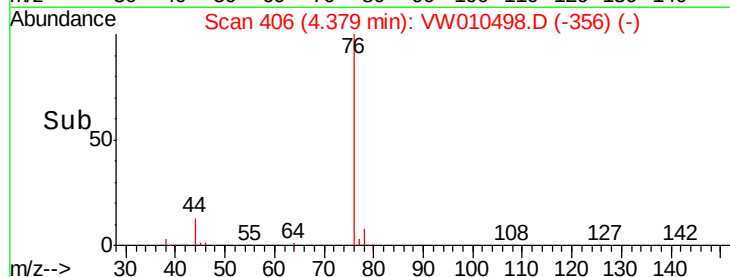
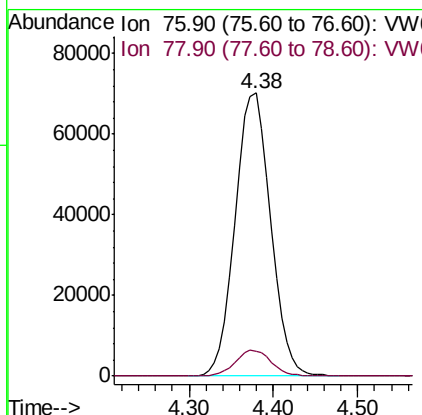
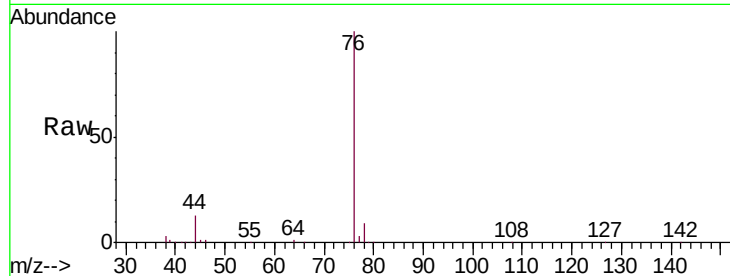




#17
Carbon Disulfide
Concen: 49.253 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW010498.D
Acq: 21 May 2019 20:31

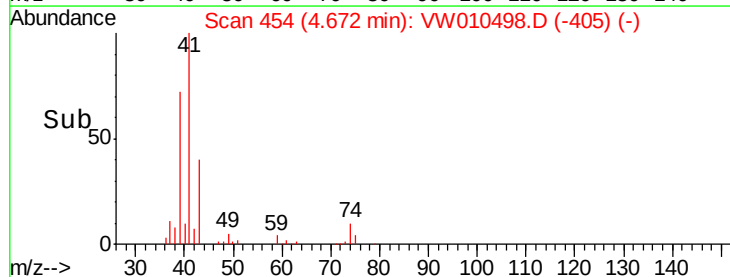
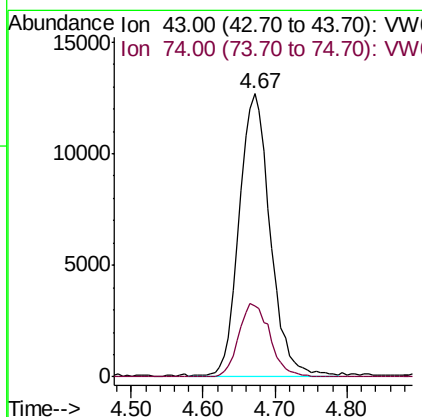
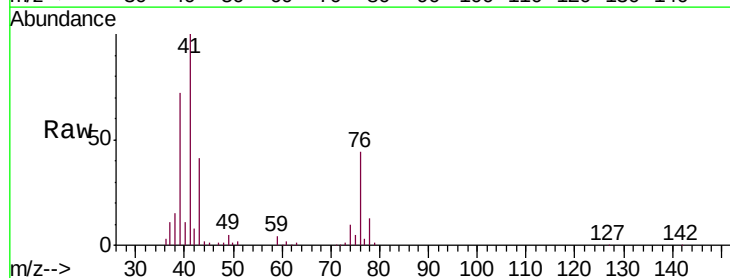
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

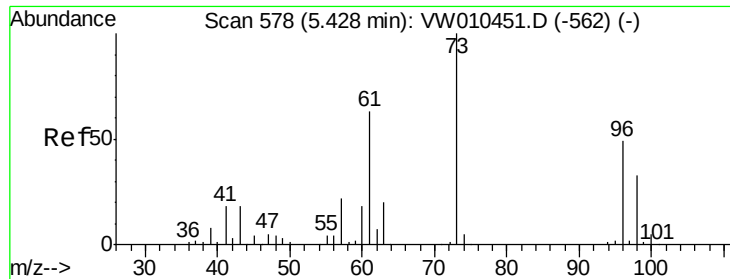
Tgt Ion: 76 Resp: 200277
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 57.553 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW010498.D
Acq: 21 May 2019 20:31

Tgt Ion: 43 Resp: 38276
Ion Ratio Lower Upper
43 100
74 26.0 21.6 32.4

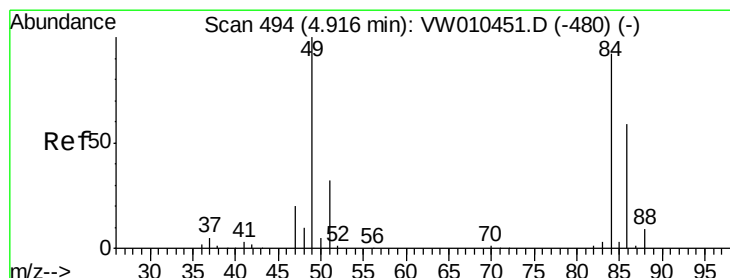
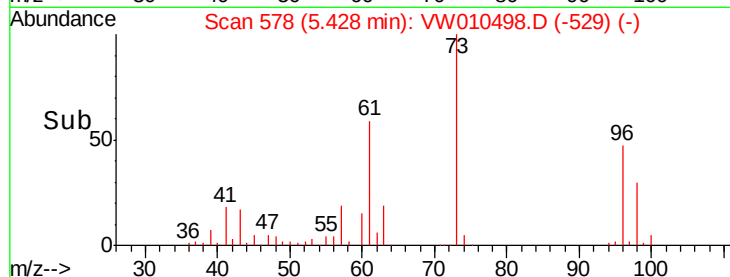
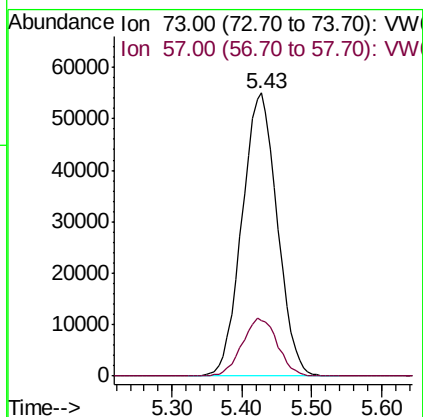
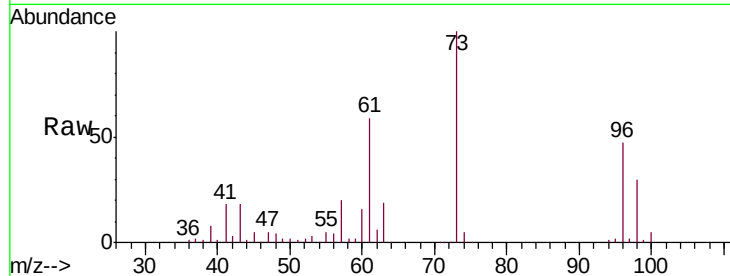




#19
Methyl tert-butyl Ether
Concen: 55.381 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW010498.D
Acq: 21 May 2019 20:31

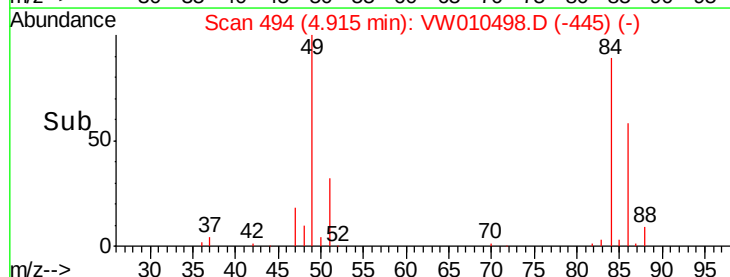
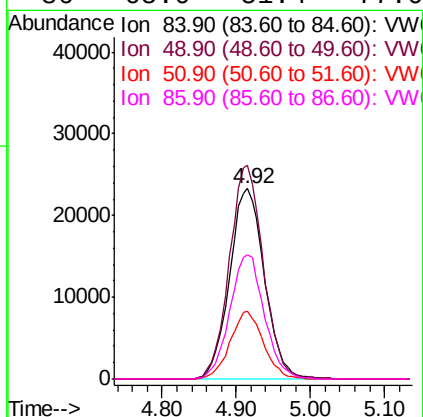
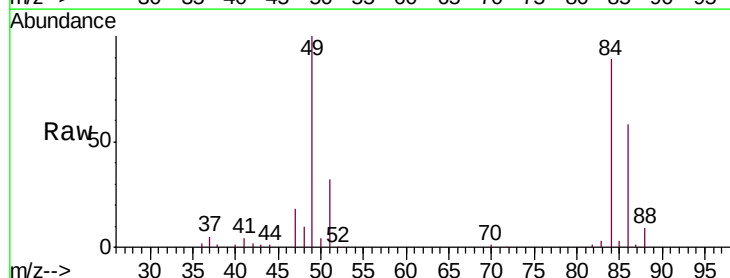
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

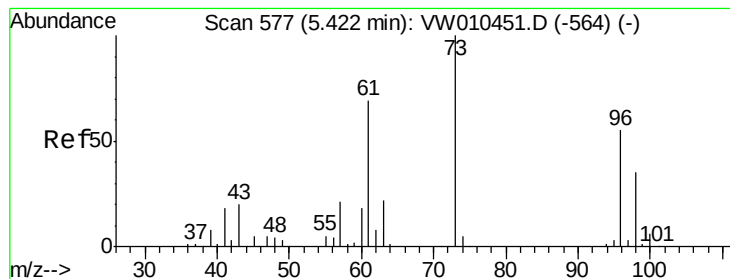
Tgt Ion: 73 Resp: 192473
Ion Ratio Lower Upper
73 100
57 19.8 17.4 26.0



#20
Methylene Chloride
Concen: 47.666 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010498.D
Acq: 21 May 2019 20:31

Tgt Ion: 84 Resp: 76431
Ion Ratio Lower Upper
84 100
49 112.2 87.2 130.8
51 35.5 27.7 41.5
86 65.0 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 51.532 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW010498.D

Acq: 21 May 2019 20:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

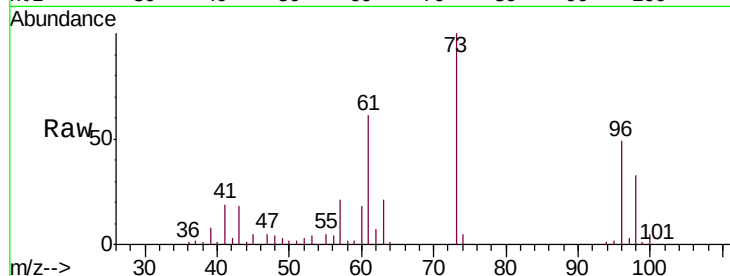
Tgt Ion: 96 Resp: 80582

Ion Ratio Lower Upper

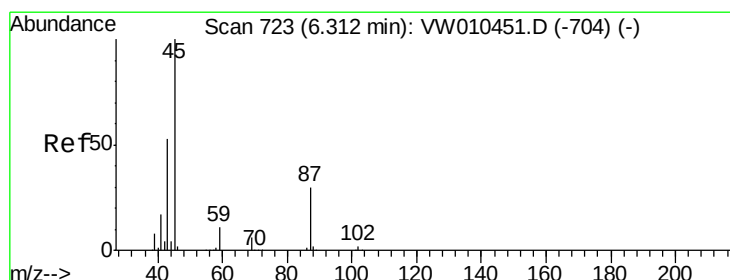
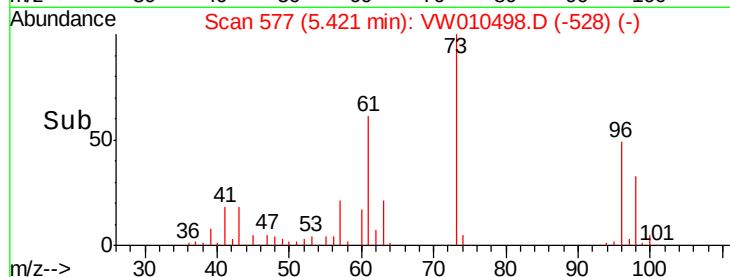
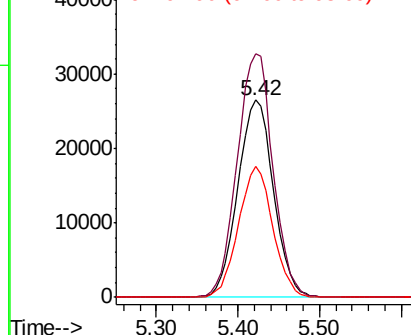
96 100

61 123.5 101.4 152.0

98 66.3 50.6 76.0



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: 52.550 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW010498.D

Acq: 21 May 2019 20:31

Tgt Ion: 45 Resp: 212630

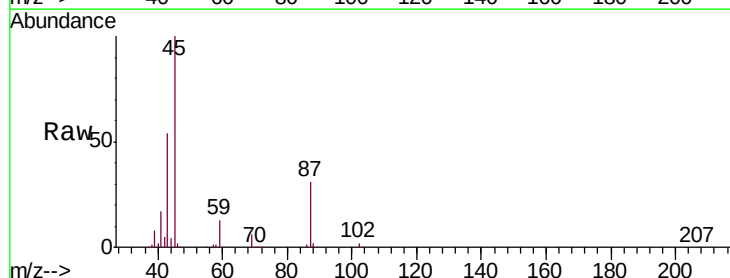
Ion Ratio Lower Upper

45 100

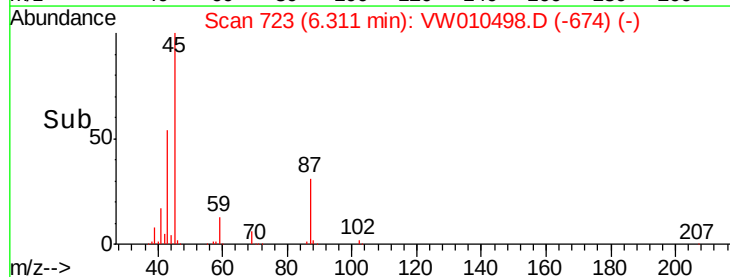
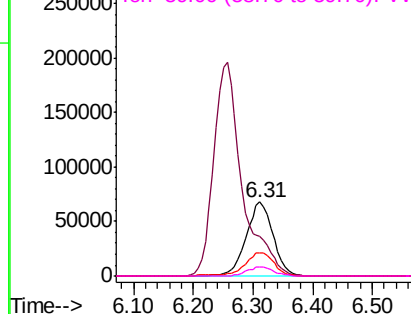
43 53.8 42.9 64.3

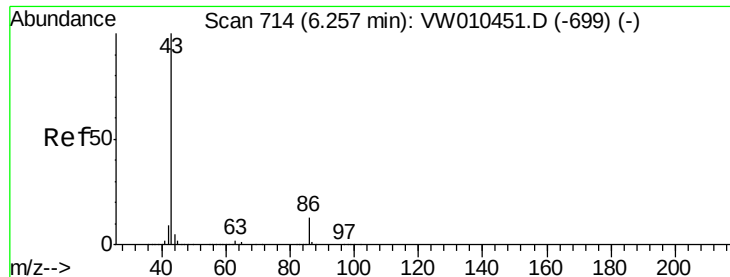
87 30.7 24.6 36.8

59 12.5 9.4 14.0



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: 267.373 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW010498.D

Acq: 21 May 2019 20:31

Instrument :

MSVOA_W

ClientSampleId :

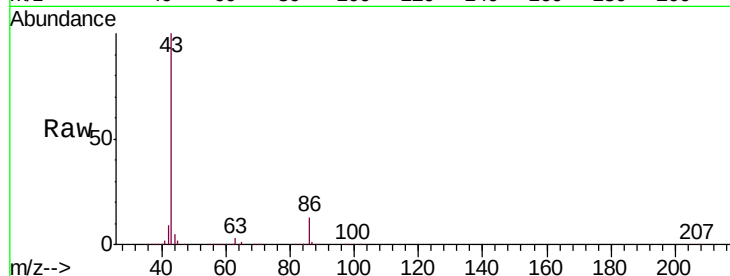
VSTDCCC050EC

Tgt Ion: 43 Resp: 646242

Ion Ratio Lower Upper

43 100

86 13.0 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

200000

150000

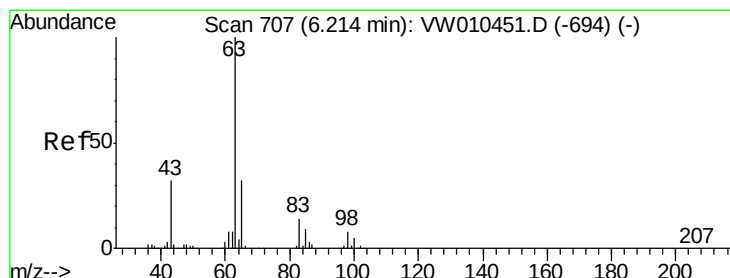
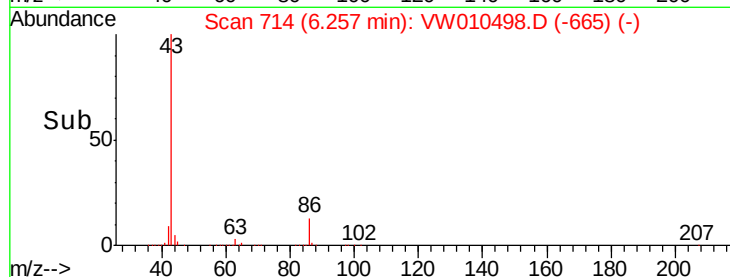
100000

50000

0

6.10 6.20 6.30 6.40

Time-->



#24

1,1-Dichloroethane

Concen: 52.540 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW010498.D

Acq: 21 May 2019 20:31

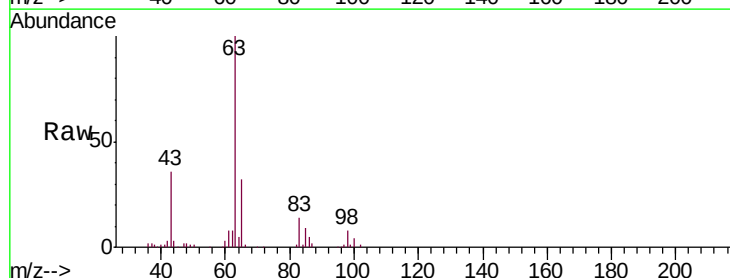
Tgt Ion: 63 Resp: 126865

Ion Ratio Lower Upper

63 100

98 7.9 3.8 11.2

100 4.4 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

50000

40000

30000

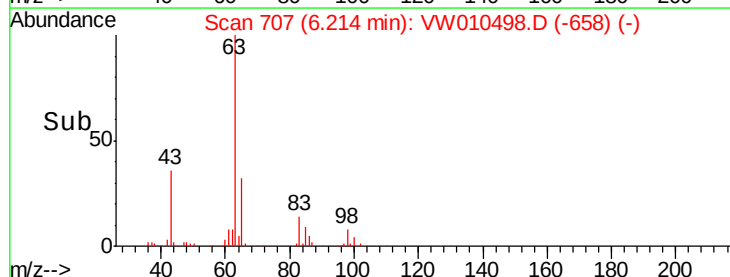
20000

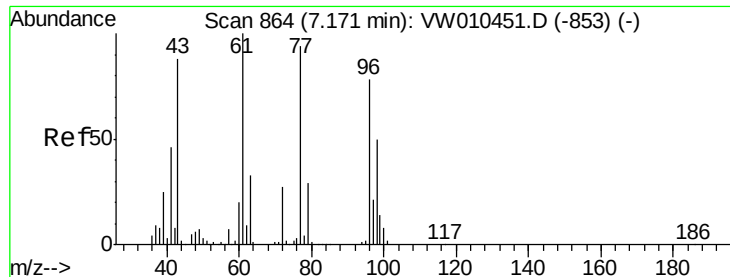
10000

0

6.10 6.20 6.30

Time-->





#25

2-Butanone

Concen: 278.175 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010498.D

Acq: 21 May 2019 20:31

Instrument :

MSVOA_W

ClientSampleId :

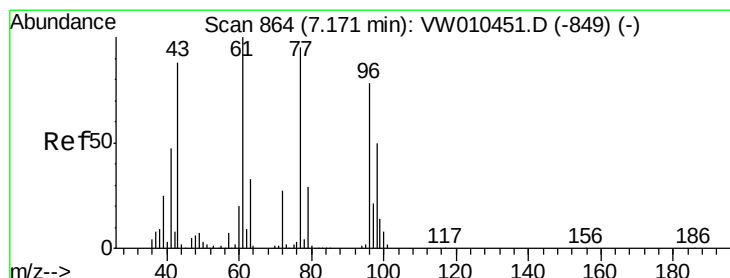
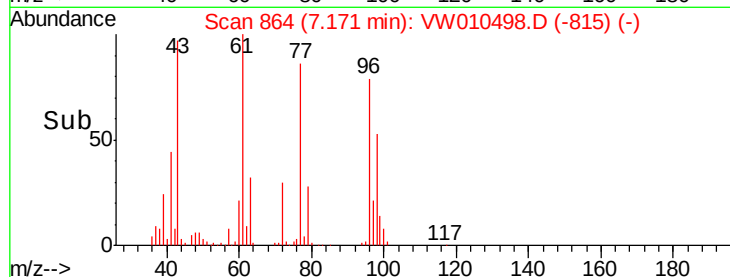
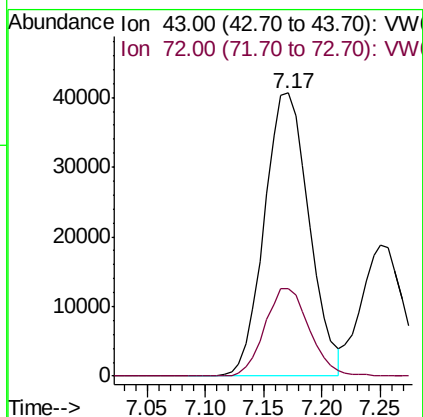
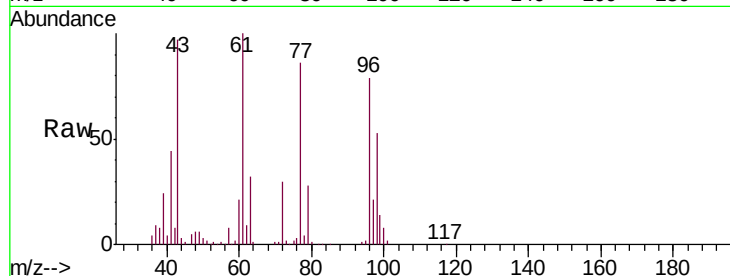
VSTDCCC050EC

Tgt Ion: 43 Resp: 108253

Ion Ratio Lower Upper

43 100

72 31.0 24.1 36.1



#26

2,2-Dichloropropane

Concen: 47.557 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW010498.D

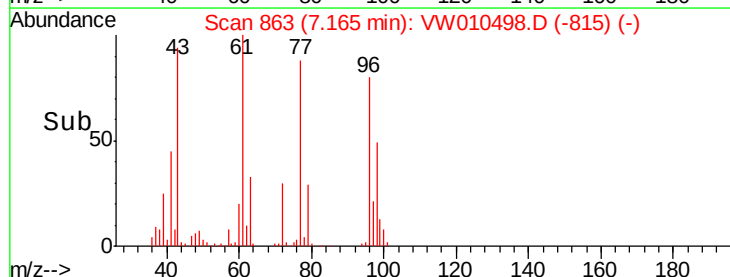
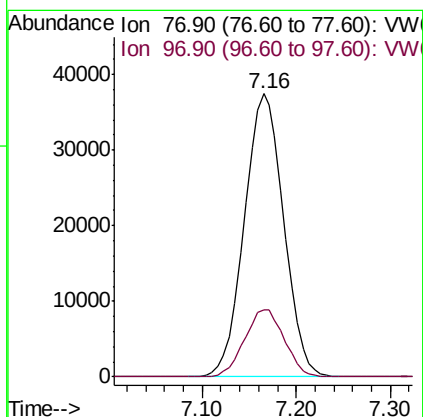
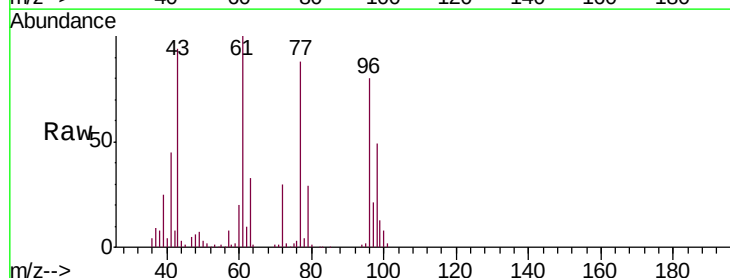
Acq: 21 May 2019 20:31

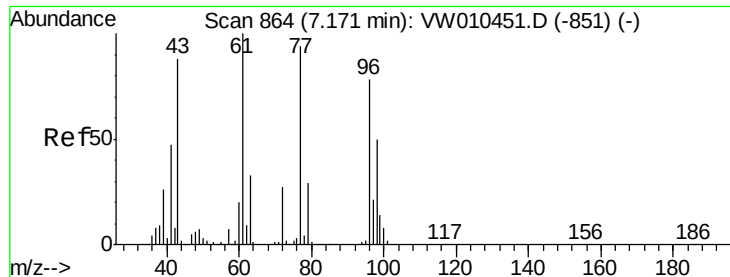
Tgt Ion: 77 Resp: 109385

Ion Ratio Lower Upper

77 100

97 24.2 11.7 35.0



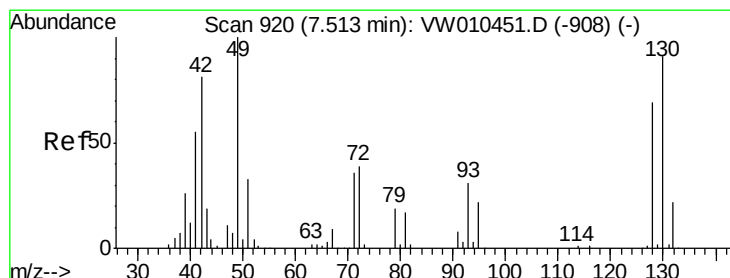
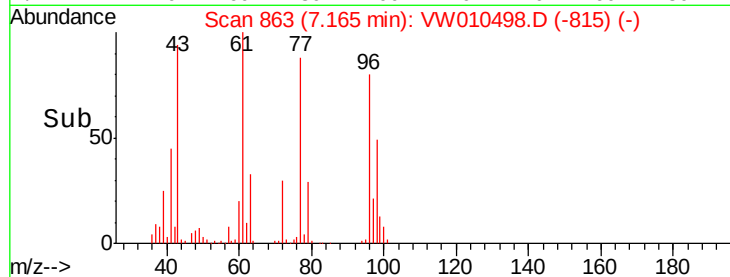
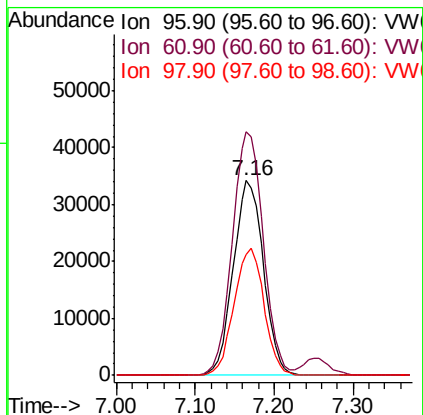
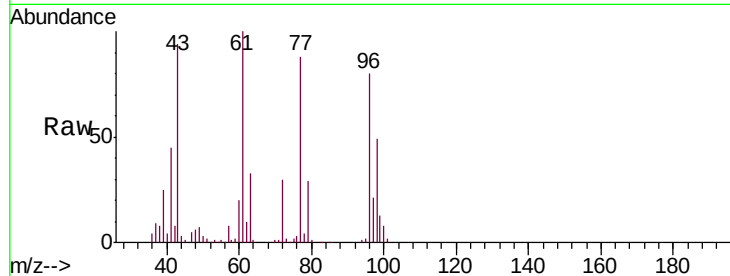


#27

cis-1,2-Dichloroethene
 Concen: 53.634 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW010498.D
 Acq: 21 May 2019 20:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

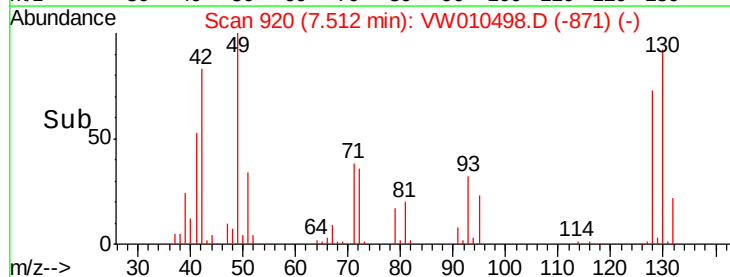
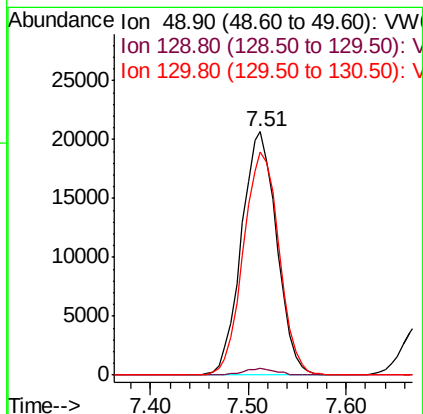
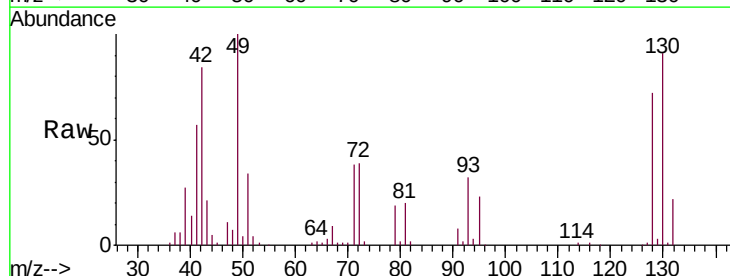
Tgt Ion: 96 Resp: 91179
 Ion Ratio Lower Upper
 96 100
 61 128.2 0.0 265.4
 98 64.7 0.0 129.4

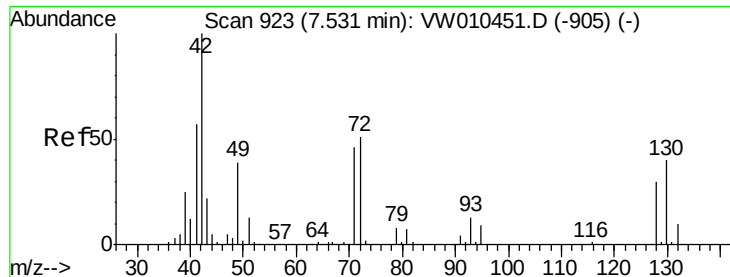


#28

Bromochloromethane
 Concen: 60.011 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW010498.D
 Acq: 21 May 2019 20:31

Tgt Ion: 49 Resp: 51881
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 92.9 71.2 106.8

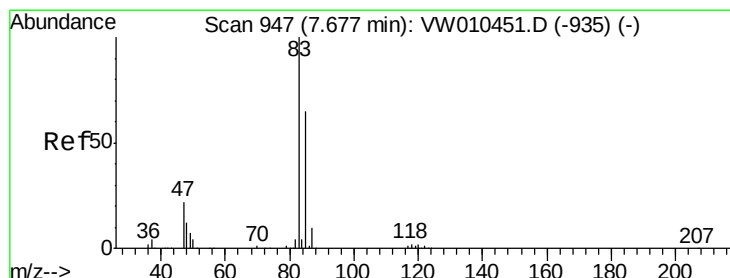
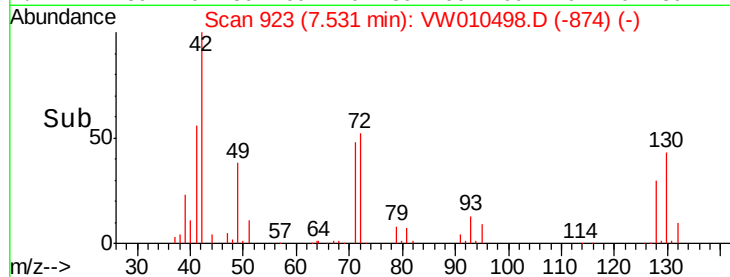
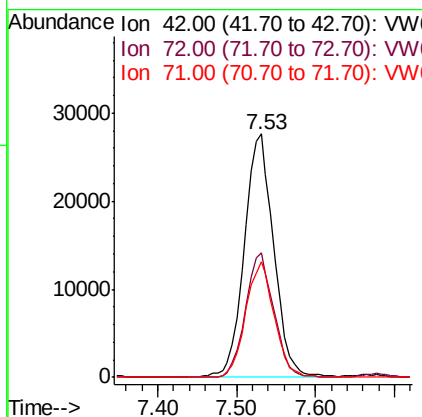
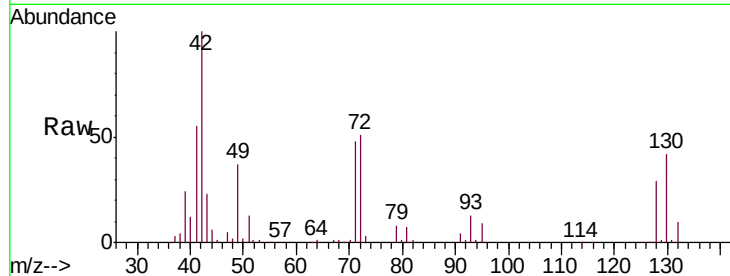




#29
Tetrahydrofuran
Concen: 272.026 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010498.D
Acq: 21 May 2019 20:31

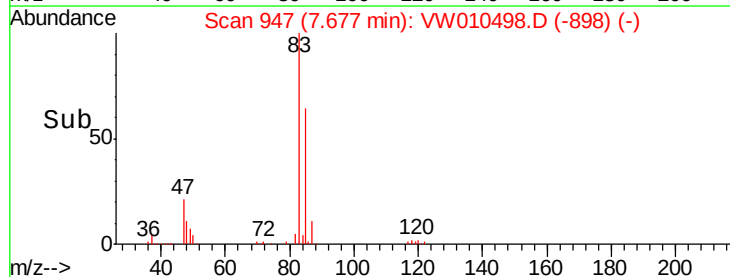
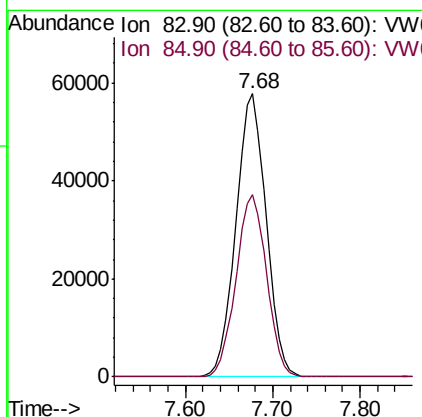
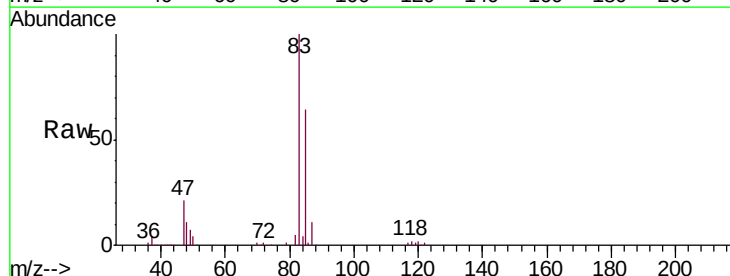
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

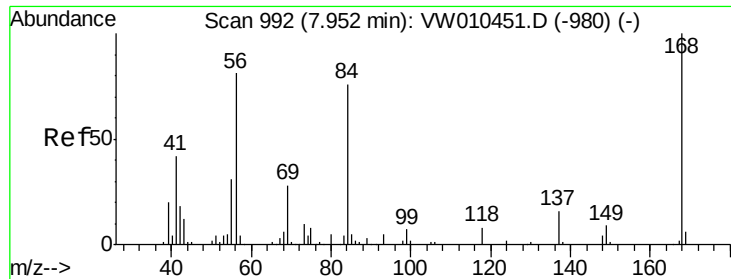
Tgt Ion:	42	Resp:	71633
Ion	Ratio	Lower	Upper
42	100		
72	48.9	38.5	57.7
71	46.2	36.5	54.7



#30
Chloroform
Concen: 53.277 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW010498.D
Acq: 21 May 2019 20:31

Tgt Ion:	83	Resp:	138761
Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.2	78.4

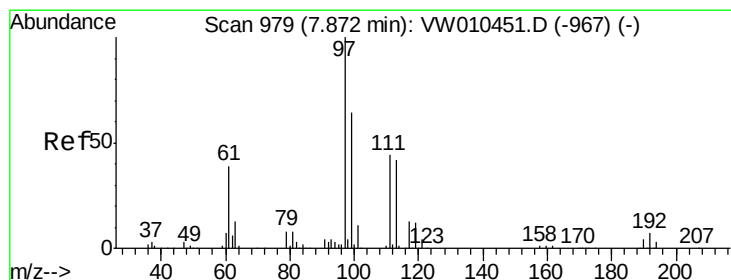
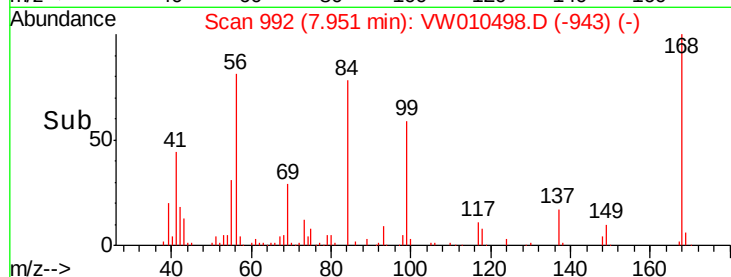
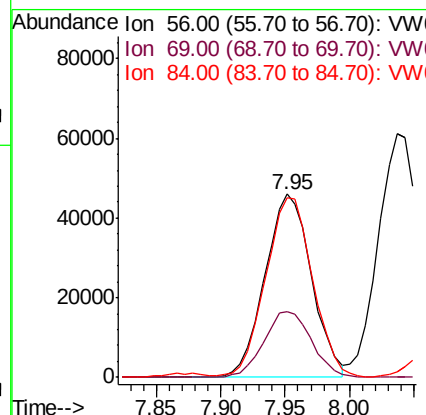
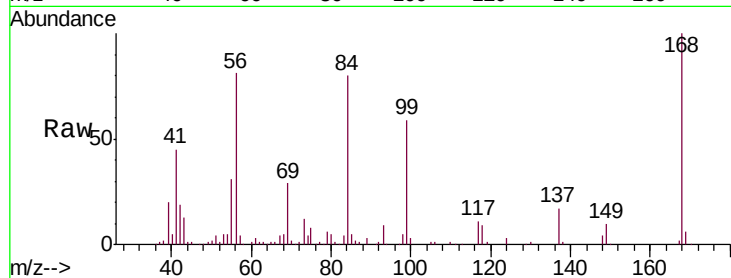




#31
Cyclohexane
Concen: 45.588 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW010498.D
Acq: 21 May 2019 20:31

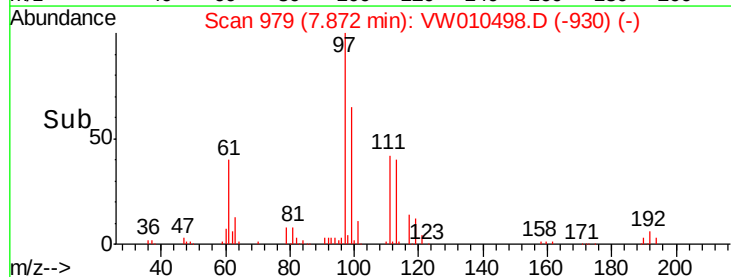
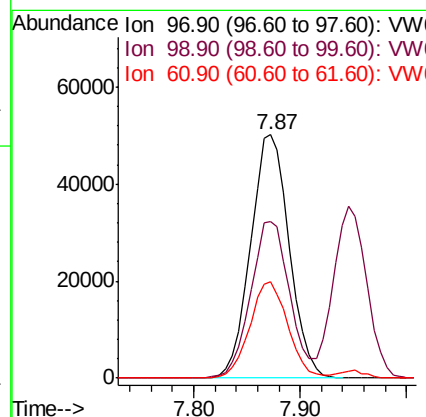
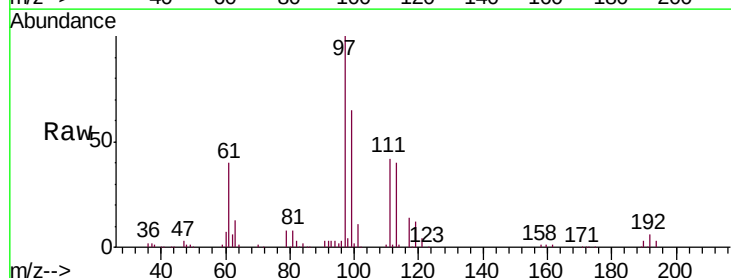
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

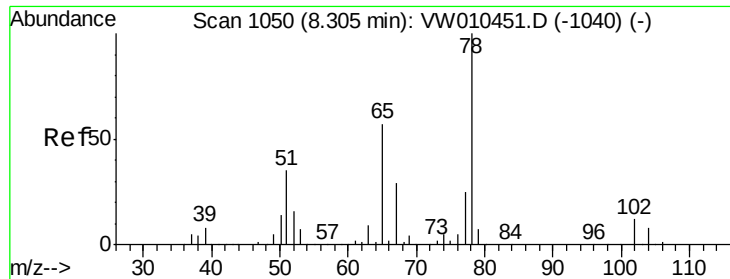
Tgt Ion: 56 Resp: 115307
Ion Ratio Lower Upper
56 100
69 35.6 28.2 42.2
84 96.0 75.8 113.8



#32
1,1,1-Trichloroethane
Concen: 51.250 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW010498.D
Acq: 21 May 2019 20:31

Tgt Ion: 97 Resp: 127578
Ion Ratio Lower Upper
97 100
99 65.6 50.8 76.2
61 39.1 32.1 48.1





#33

1,2-Dichloroethane-d4

Concen: 47.960 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010498.D

Acq: 21 May 2019 20:31

Instrument :

MSVOA_W

ClientSampleId :

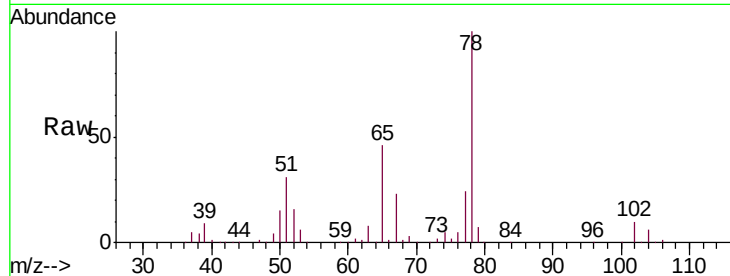
VSTDCCC050EC

Tgt Ion: 65 Resp: 63892

Ion Ratio Lower Upper

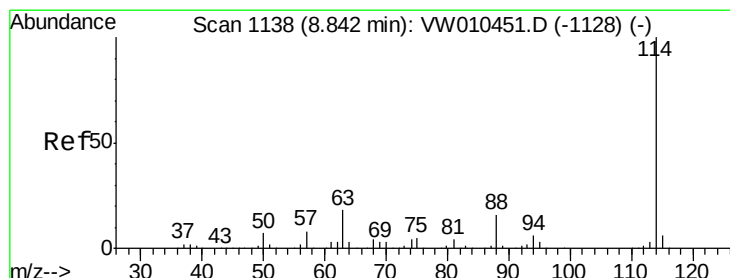
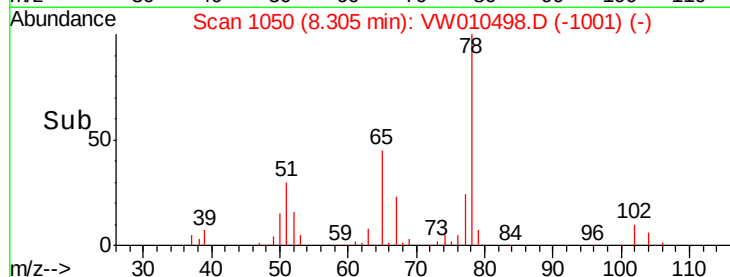
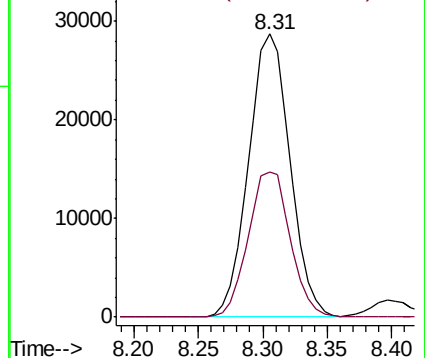
65 100

67 52.0 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010498.D

Acq: 21 May 2019 20:31

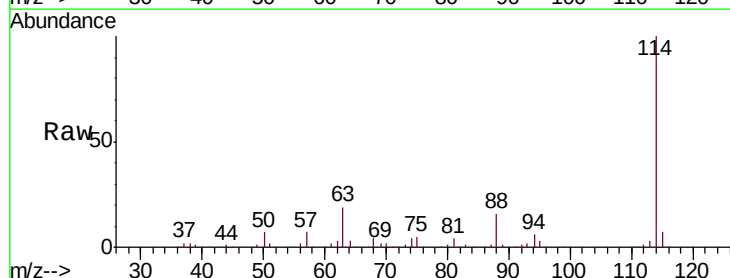
Tgt Ion: 114 Resp: 227184

Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.0

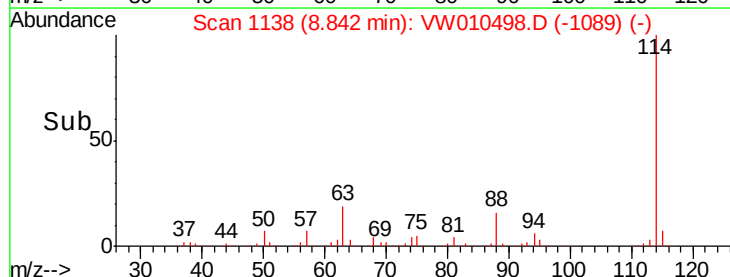
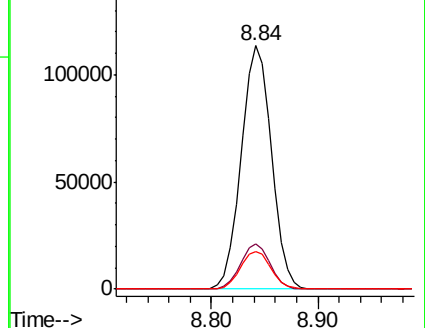
88 15.6 0.0 32.0

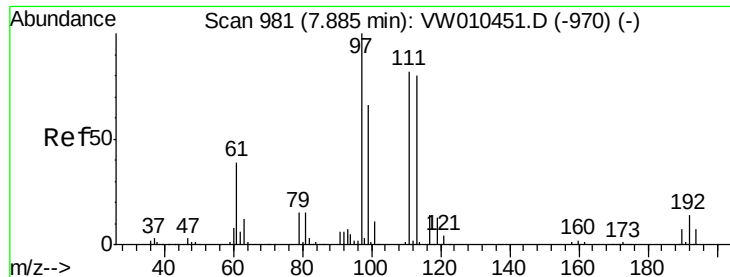


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 47.319 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010498.D

Acq: 21 May 2019 20:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

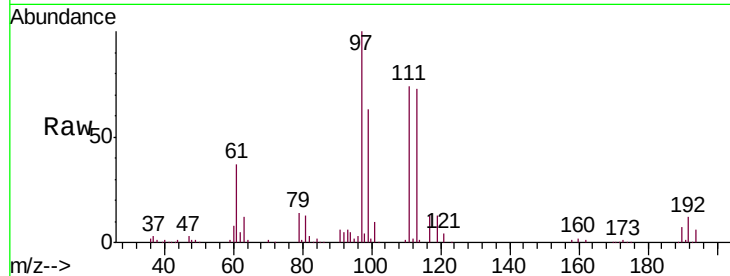
Tgt Ion:113 Resp: 65230

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.4

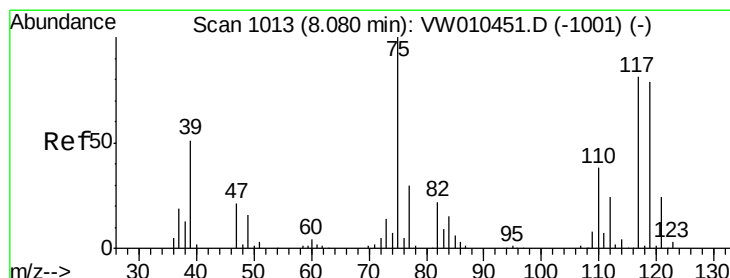
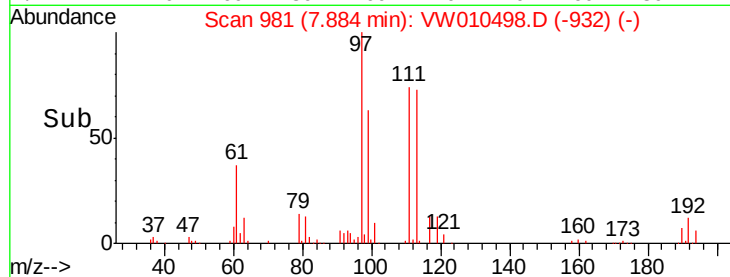
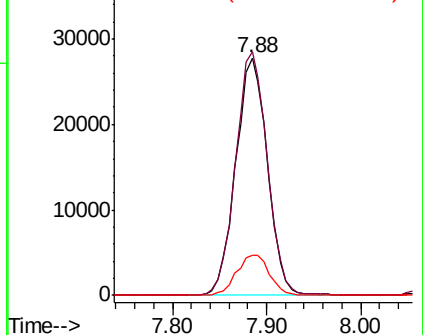
192 17.6 14.3 21.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.869 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW010498.D

Acq: 21 May 2019 20:31

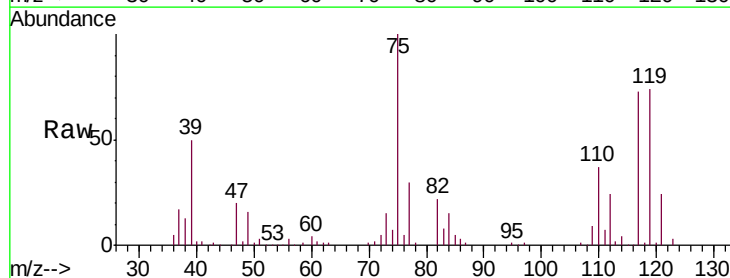
Tgt Ion: 75 Resp: 103424

Ion Ratio Lower Upper

75 100

110 38.6 19.2 57.6

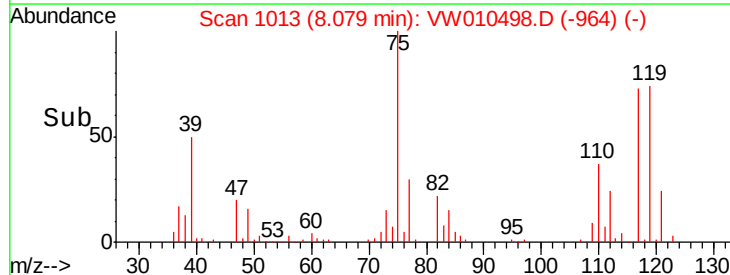
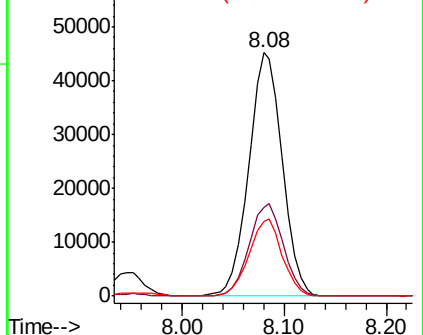
77 31.5 25.2 37.8

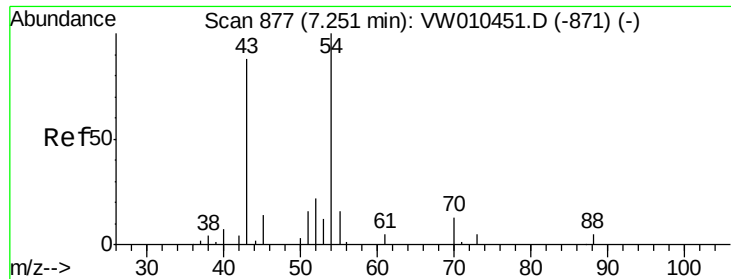


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

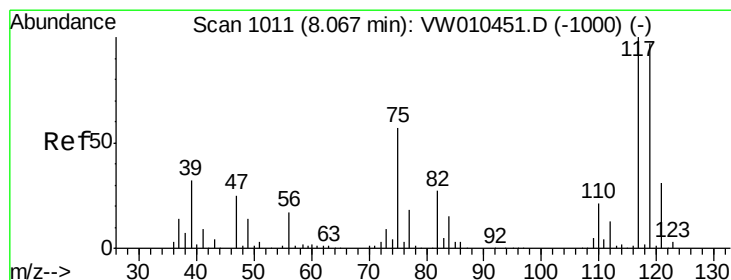
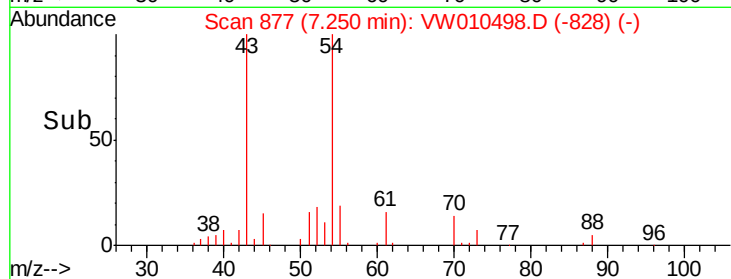
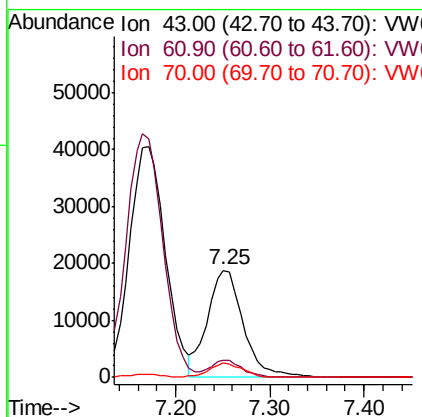
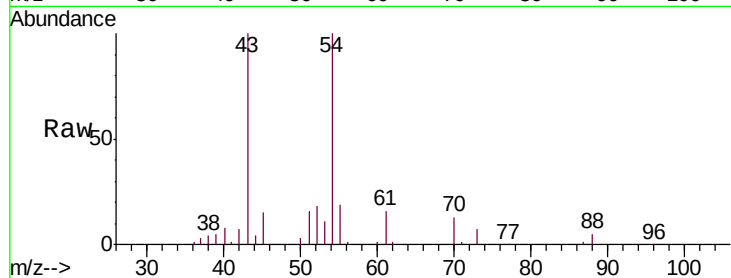




#37
Ethyl Acetate
Concen: 54.677 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW010498.D
Acq: 21 May 2019 20:31

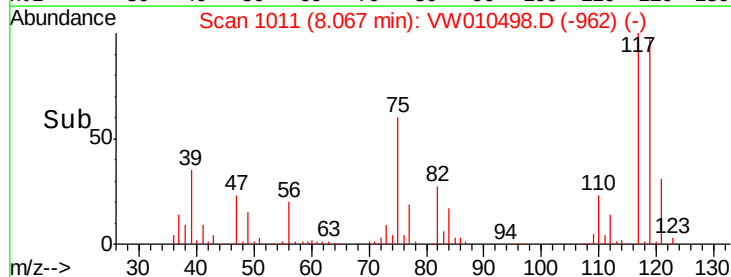
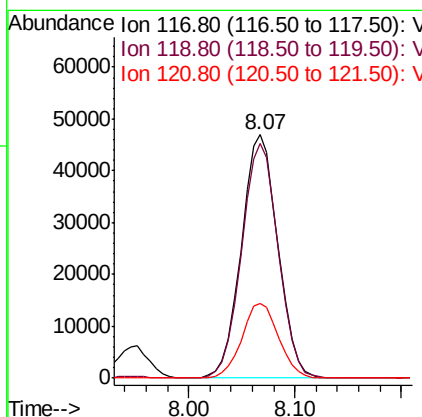
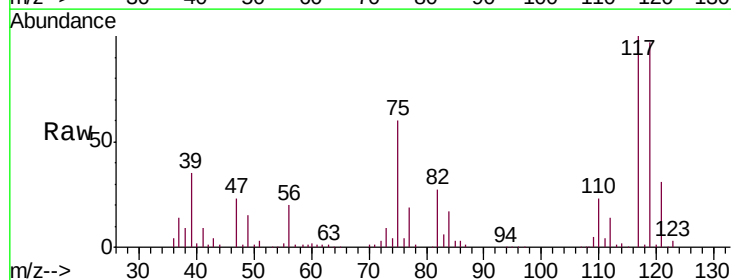
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

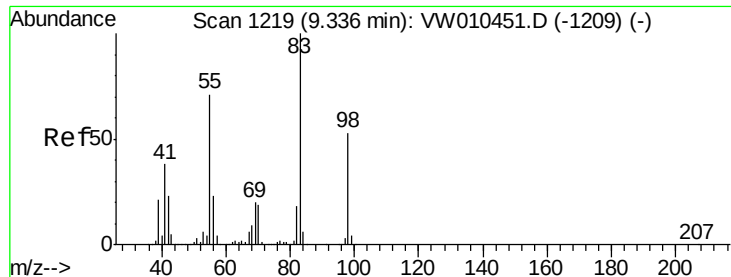
Tgt Ion: 43 Resp: 49207
Ion Ratio Lower Upper
43 100
61 13.9 11.2 16.8
70 12.6 9.9 14.9



#38
Carbon Tetrachloride
Concen: 49.516 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW010498.D
Acq: 21 May 2019 20:31

Tgt Ion: 117 Resp: 113045
Ion Ratio Lower Upper
117 100
119 96.5 77.4 116.0
121 30.9 25.0 37.6

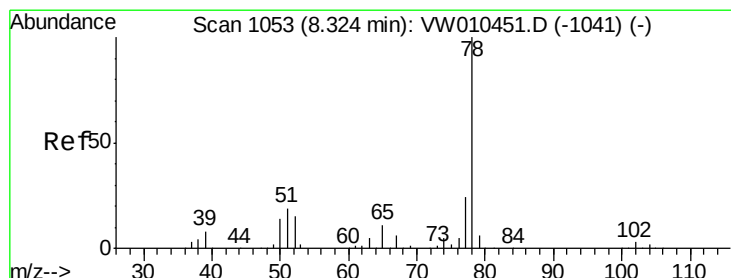
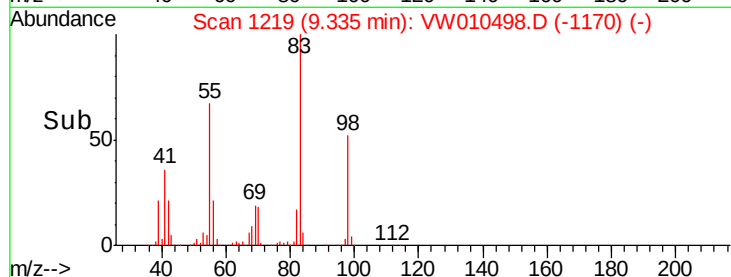
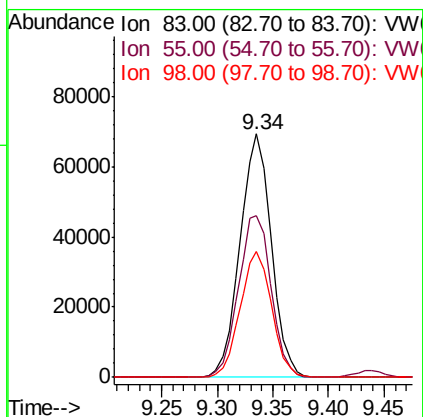
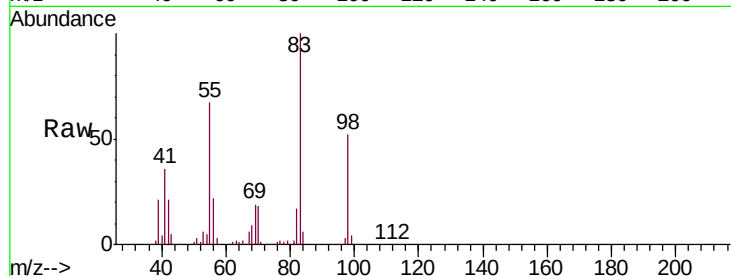




#39
Methylcyclohexane
Concen: 47.814 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010498.D
Acq: 21 May 2019 20:31

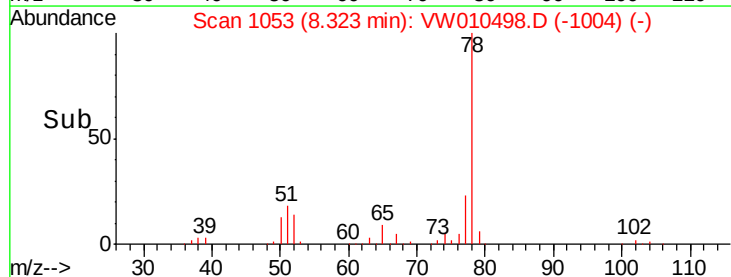
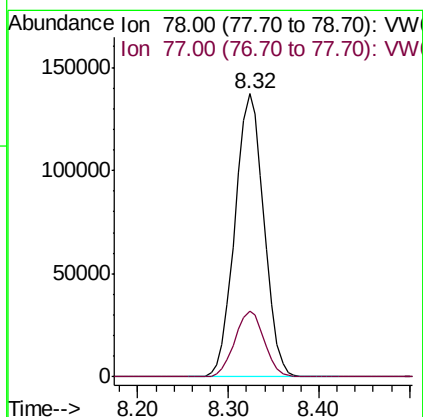
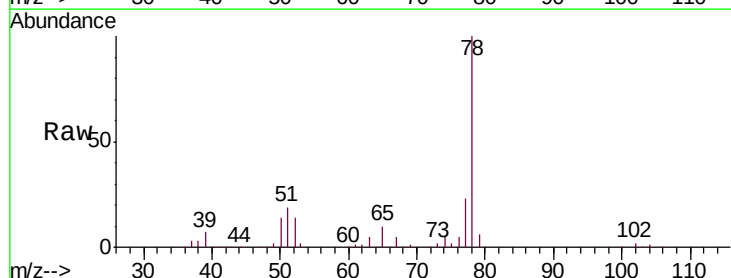
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

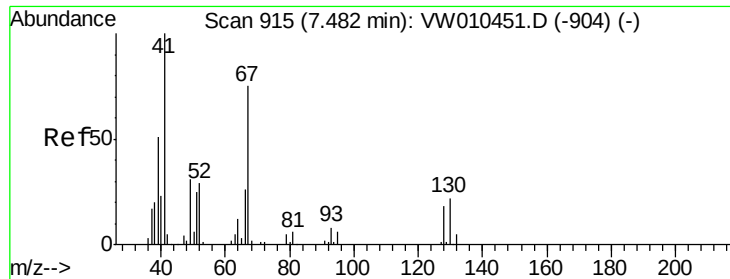
Tgt Ion: 83 Resp: 135570
Ion Ratio Lower Upper
83 100
55 66.6 57.0 85.6
98 51.8 42.0 63.0



#40
Benzene
Concen: 51.645 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010498.D
Acq: 21 May 2019 20:31

Tgt Ion: 78 Resp: 303785
Ion Ratio Lower Upper
78 100
77 23.4 18.9 28.3

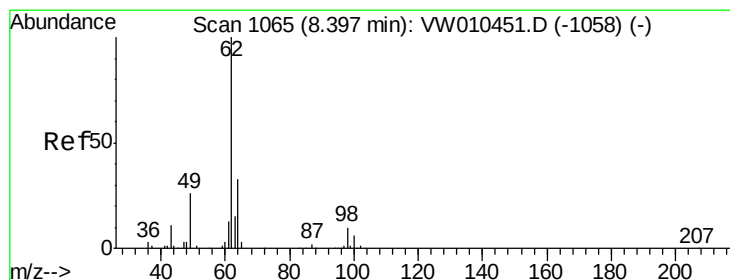
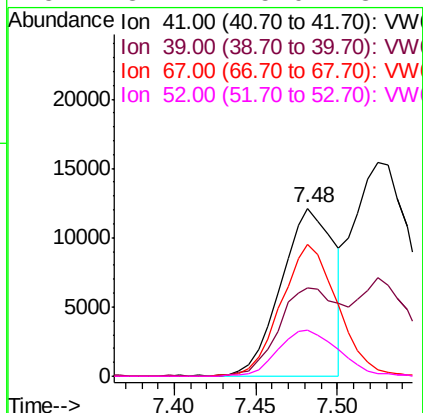
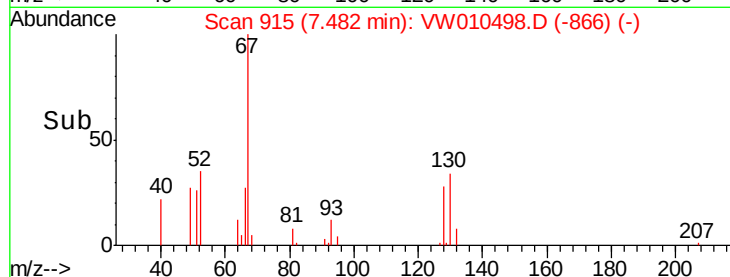
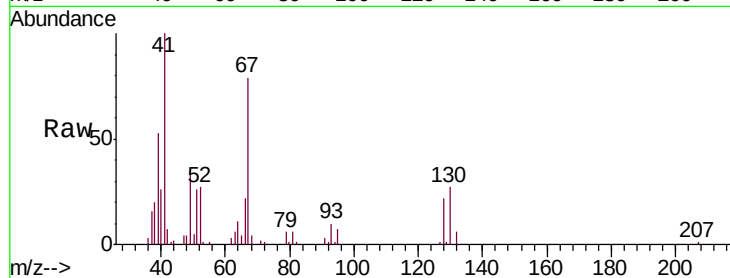




#41
Methacrylonitrile
Concen: 51.491 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW010498.D
Acq: 21 May 2019 20:31

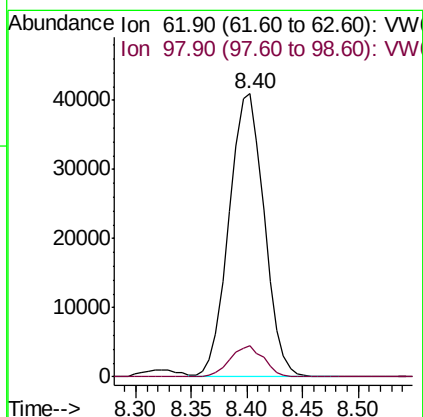
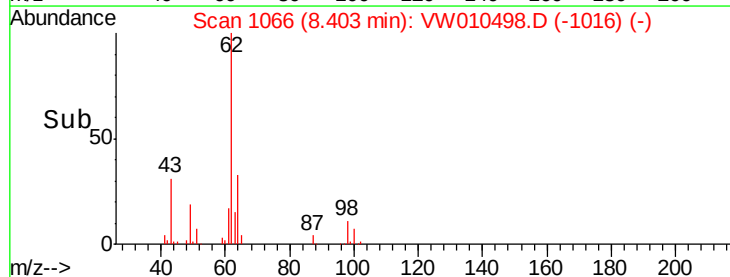
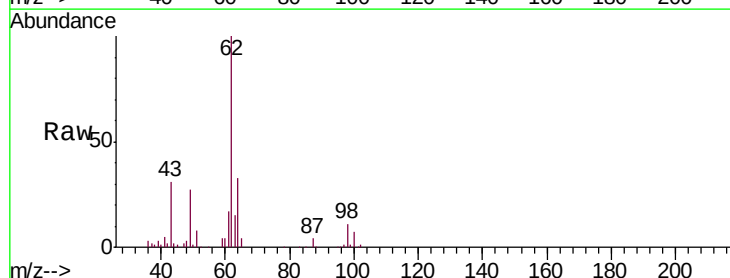
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

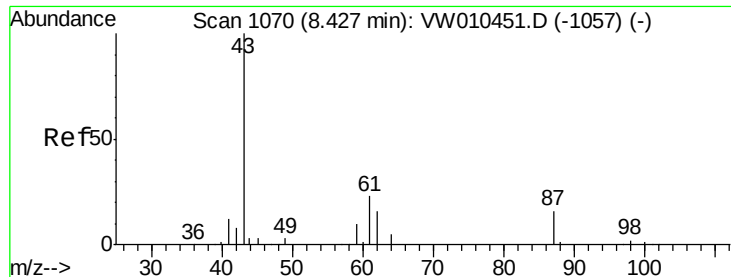
Tgt Ion:	41	Resp:	27534
Ion	Ratio	Lower	Upper
41	100		
39	62.2	47.4	71.2
67	83.1	65.5	98.3
52	31.2	25.0	37.4



#42
1,2-Dichloroethane
Concen: 53.541 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW010498.D
Acq: 21 May 2019 20:31

Tgt Ion:	62	Resp:	90014
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	21.0





#43

Isopropyl Acetate

Concen: 53.231 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW010498.D

Acq: 21 May 2019 20:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

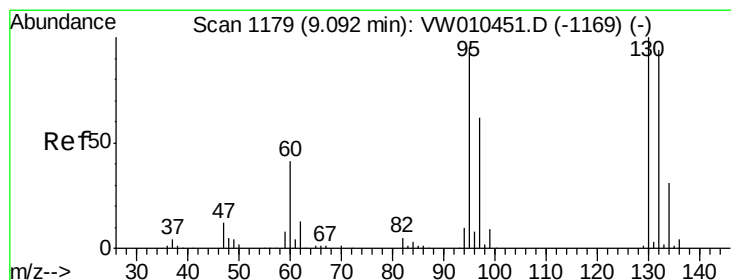
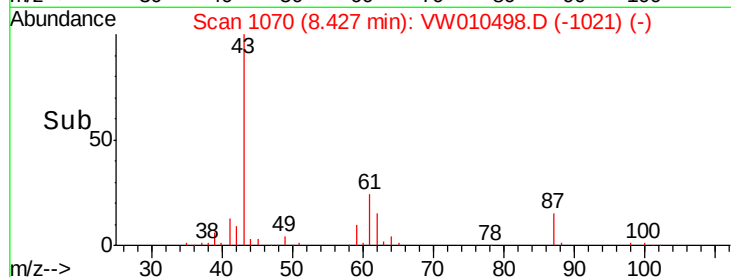
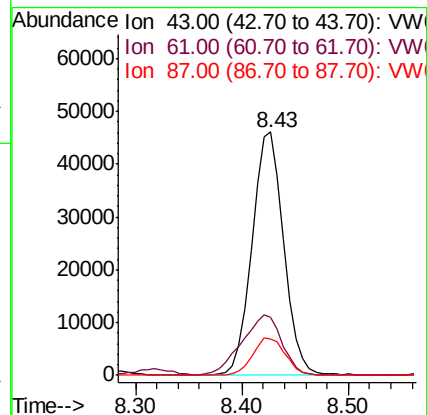
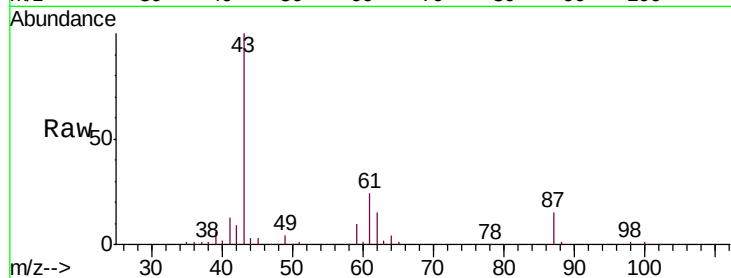
Tgt Ion: 43 Resp: 95706

Ion Ratio Lower Upper

43 100

61 31.7 25.4 38.2

87 15.9 12.7 19.1



#44

Trichloroethene

Concen: 50.591 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW010498.D

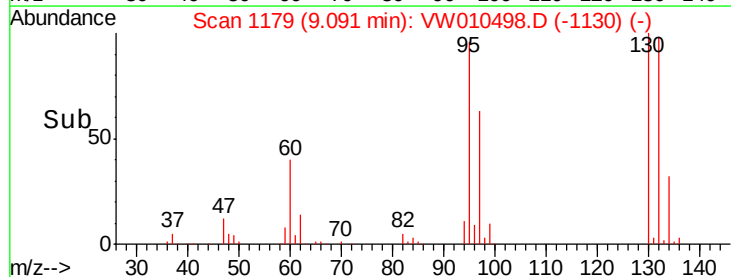
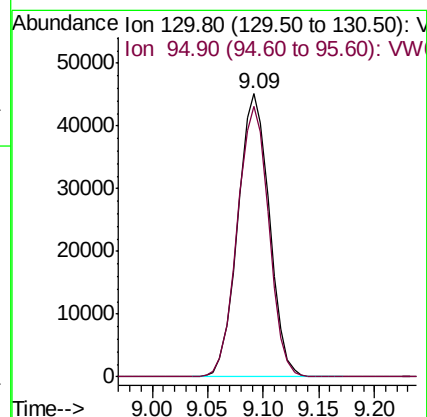
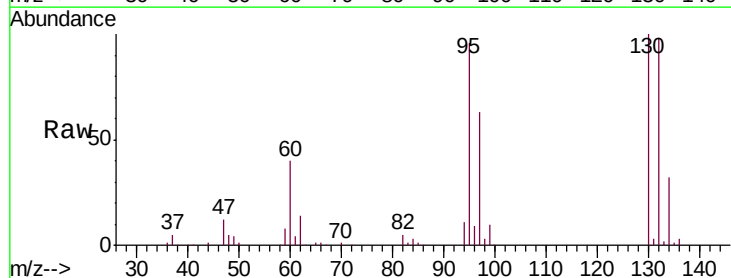
Acq: 21 May 2019 20:31

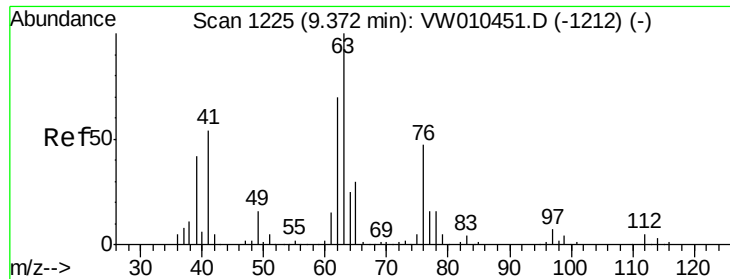
Tgt Ion: 130 Resp: 88347

Ion Ratio Lower Upper

130 100

95 95.6 0.0 189.6

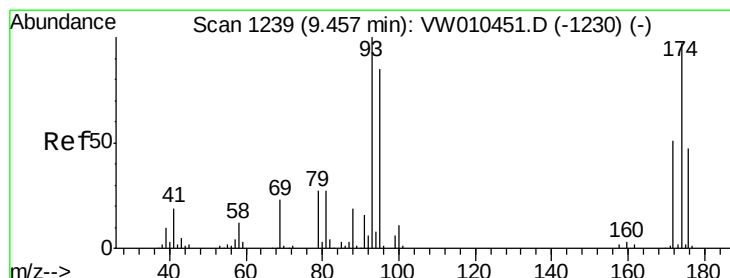
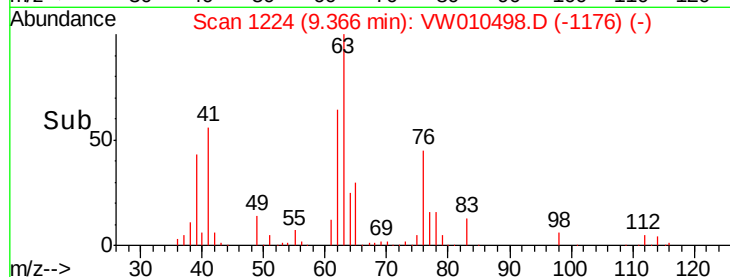
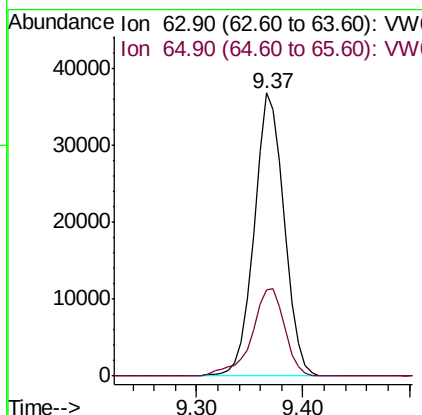
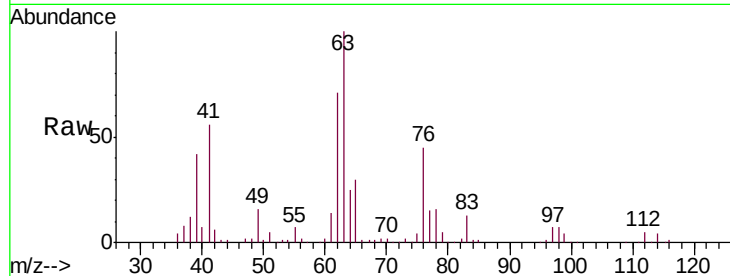




#45
 1,2-Dichloropropane
 Concen: 52.043 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: VW010498.D
 Acq: 21 May 2019 20:31

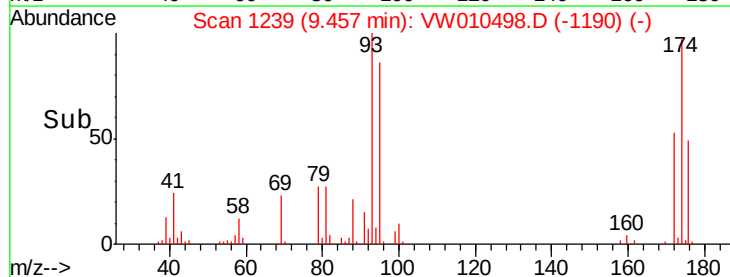
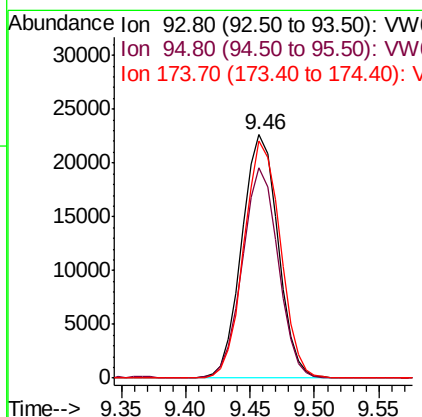
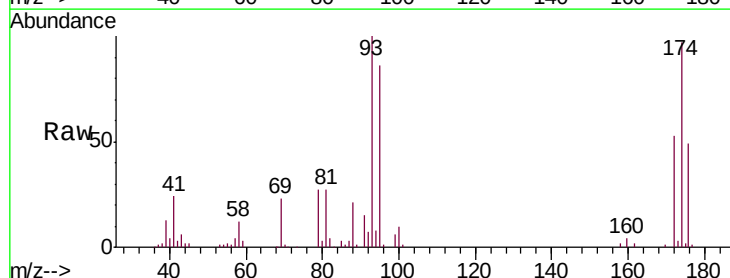
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

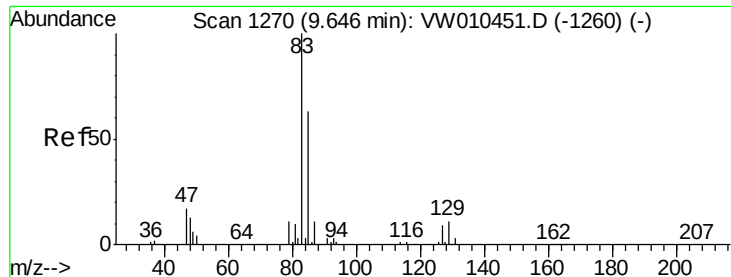
Tgt Ion: 63 Resp: 72705
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.3 36.5



#46
 Dibromomethane
 Concen: 53.987 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW010498.D
 Acq: 21 May 2019 20:31

Tgt Ion: 93 Resp: 44108
 Ion Ratio Lower Upper
 93 100
 95 84.9 66.1 99.1
 174 97.7 77.1 115.7

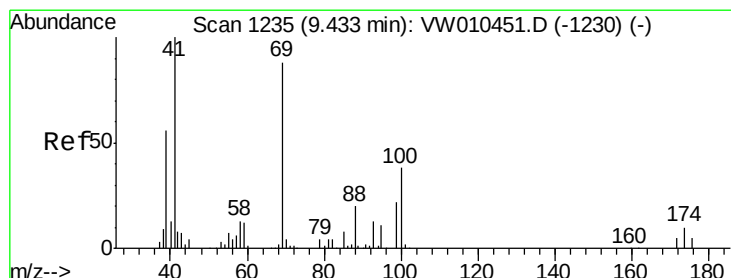
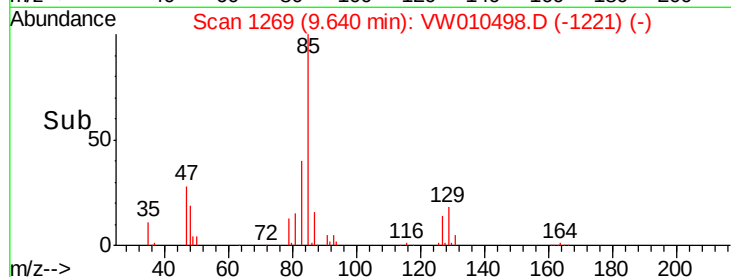
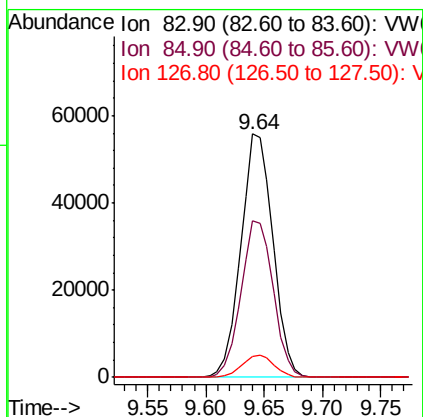
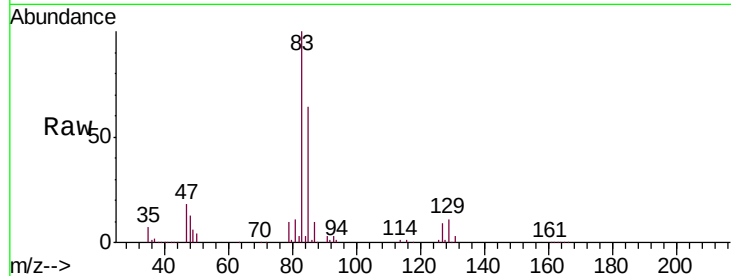




#47
 Bromodichloromethane
 Concen: 52.194 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VW010498.D
 Acq: 21 May 2019 20:31

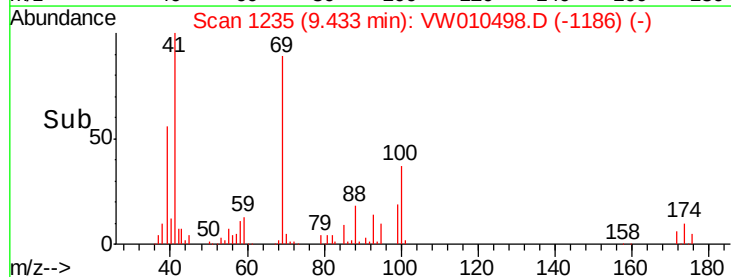
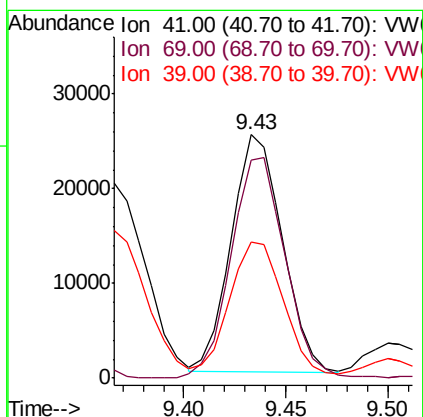
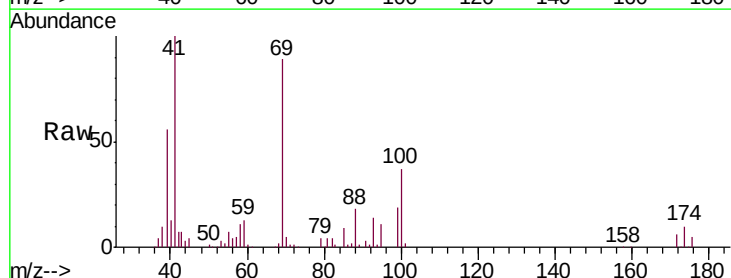
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

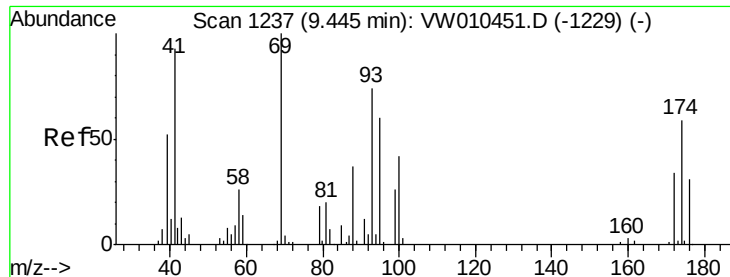
Tgt Ion: 83 Resp: 107161
 Ion Ratio Lower Upper
 83 100
 85 64.4 50.4 75.6
 127 8.7 7.4 11.0



#48
 Methyl methacrylate
 Concen: 53.191 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VW010498.D
 Acq: 21 May 2019 20:31

Tgt Ion: 41 Resp: 43751
 Ion Ratio Lower Upper
 41 100
 69 99.0 77.6 116.4
 39 61.7 49.8 74.8





#49

1,4-Dioxane

Concen: 1083.972 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VW010498.D

Acq: 21 May 2019 20:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

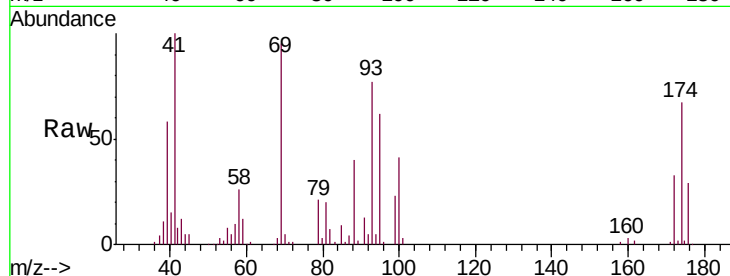
Tgt Ion: 88 Resp: 14467

Ion Ratio Lower Upper

88 100

43 31.2 25.9 38.9

58 64.0 52.7 79.1

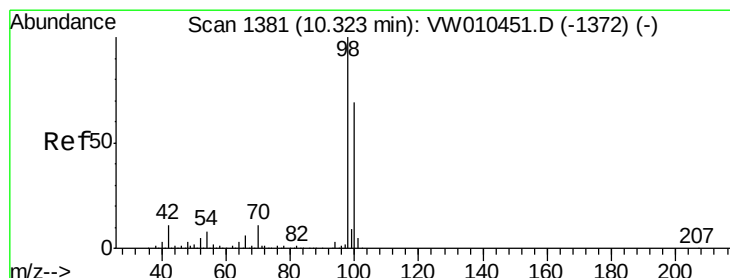
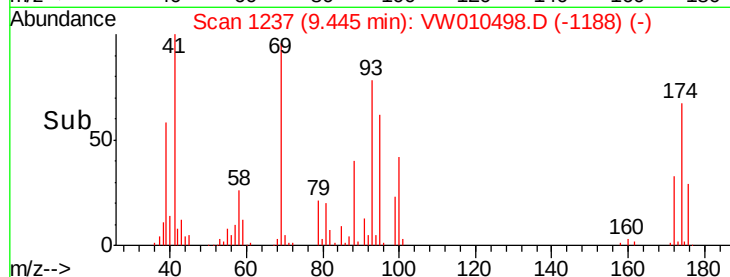
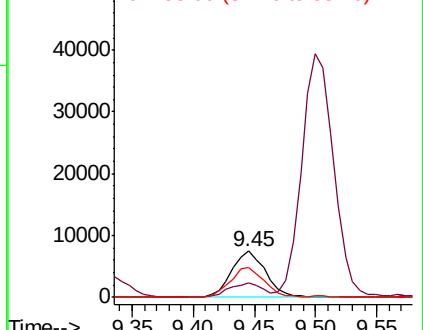


Abundance

Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 45.702 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010498.D

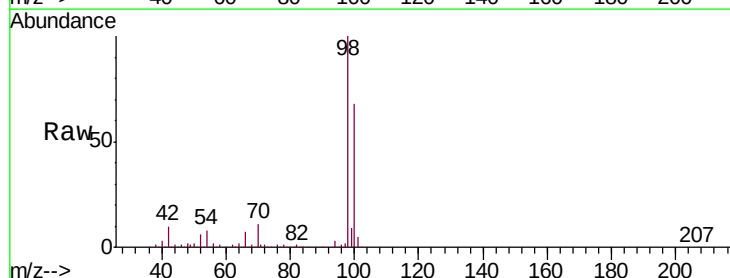
Acq: 21 May 2019 20:31

Tgt Ion: 98 Resp: 240678

Ion Ratio Lower Upper

98 100

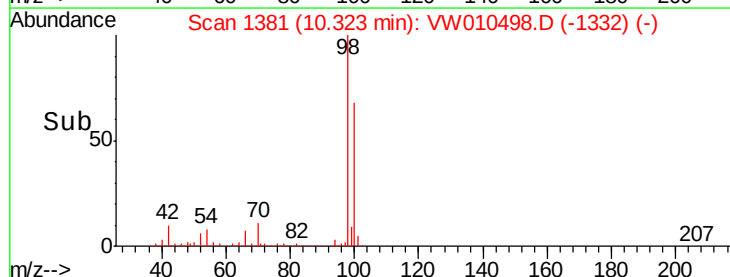
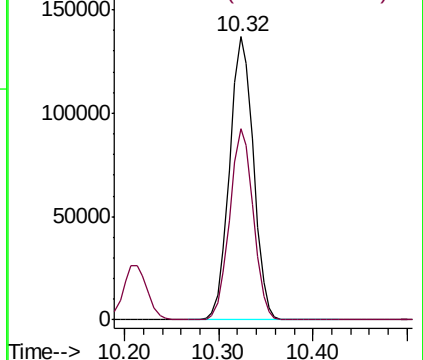
100 66.9 53.7 80.5

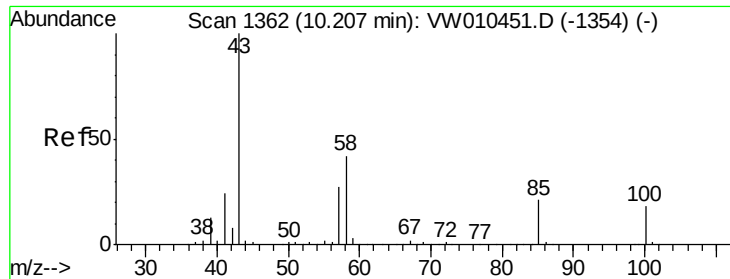


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 269.686 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW010498.D

Acq: 21 May 2019 20:31

Instrument :

MSVOA_W

ClientSampleId :

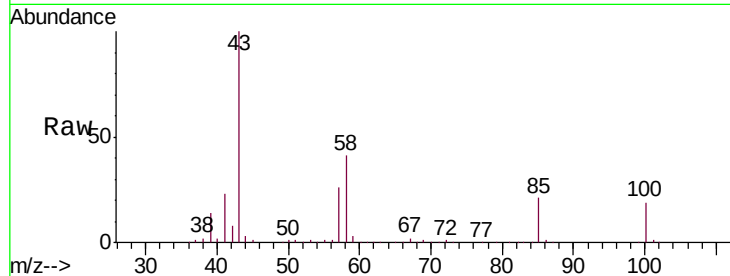
VSTDCCC050EC

Tgt Ion: 43 Resp: 245699

Ion Ratio Lower Upper

43 100

58 41.8 33.2 49.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

150000

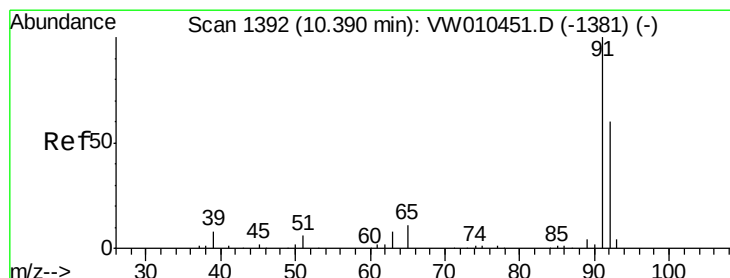
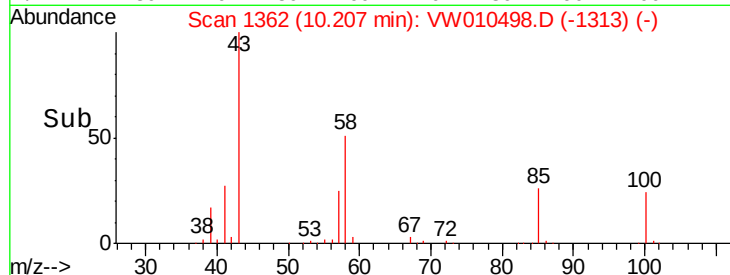
100000

50000

0

Time-->

10.10 10.20 10.30



#52

Toluene

Concen: 51.683 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010498.D

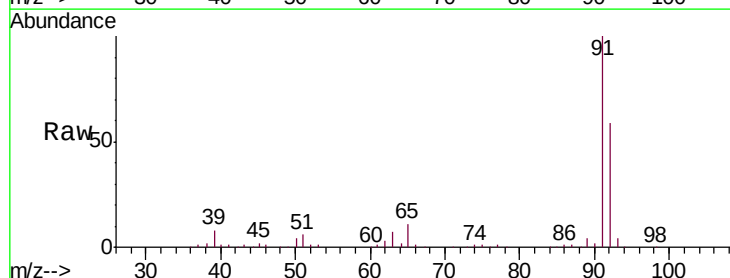
Acq: 21 May 2019 20:31

Tgt Ion: 92 Resp: 204165

Ion Ratio Lower Upper

92 100

91 167.5 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10.39

200000

150000

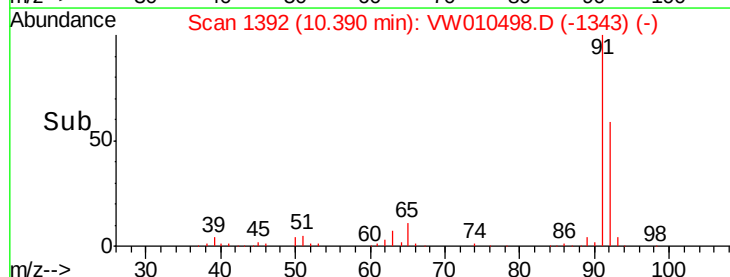
100000

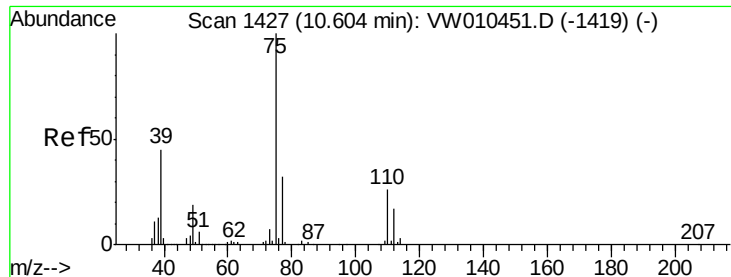
50000

0

Time-->

10.30 10.40 10.50





#53

t-1,3-Dichloropropene

Concen: 52.115 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW010498.D

Acq: 21 May 2019 20:31

Instrument :

MSVOA_W

ClientSampleId :

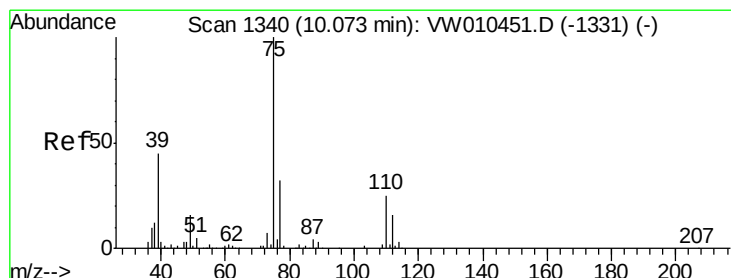
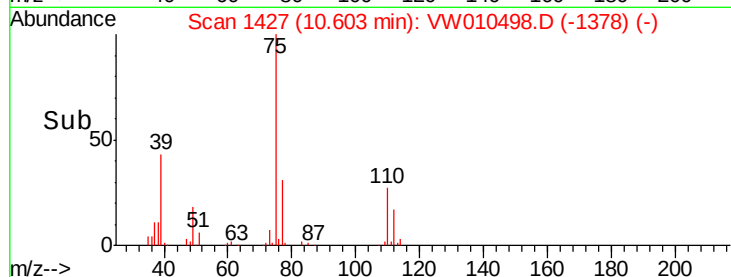
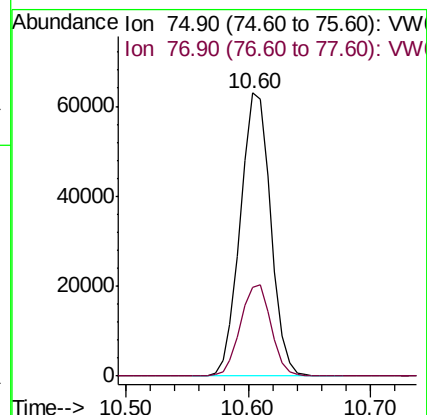
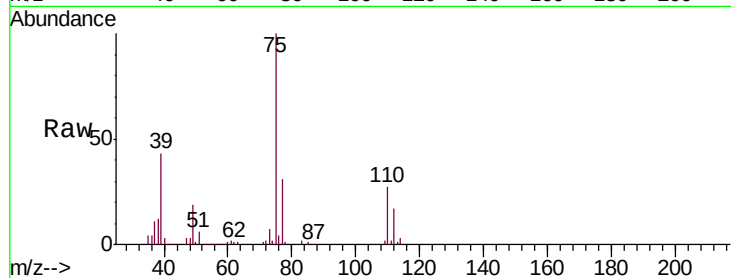
VSTDCCC050EC

Tgt Ion: 75 Resp: 108365

Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 52.377 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW010498.D

Acq: 21 May 2019 20:31

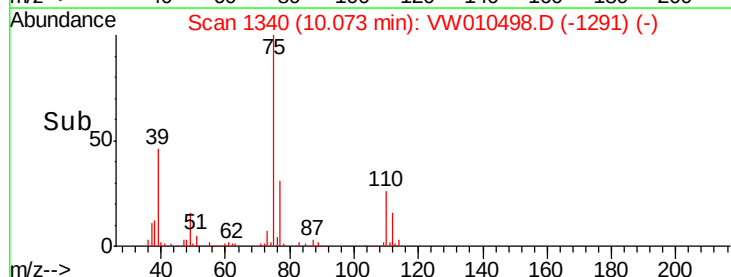
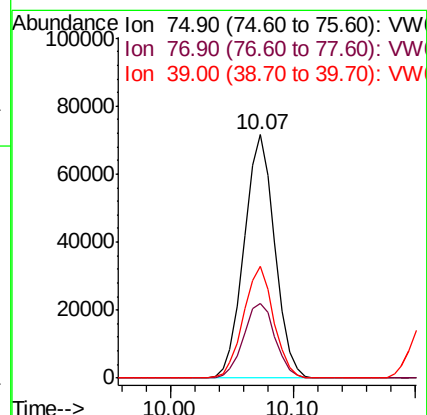
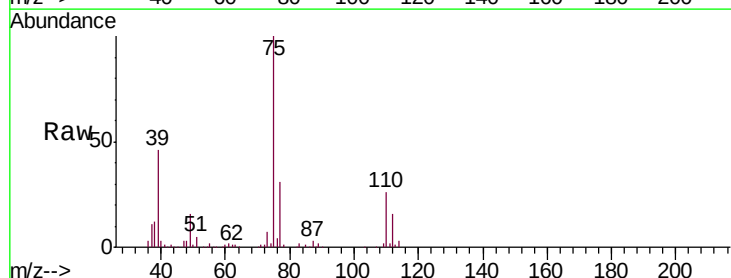
Tgt Ion: 75 Resp: 124381

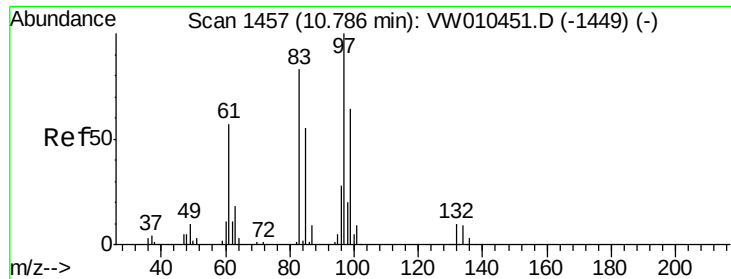
Ion Ratio Lower Upper

75 100

77 30.8 25.7 38.5

39 46.1 36.2 54.4

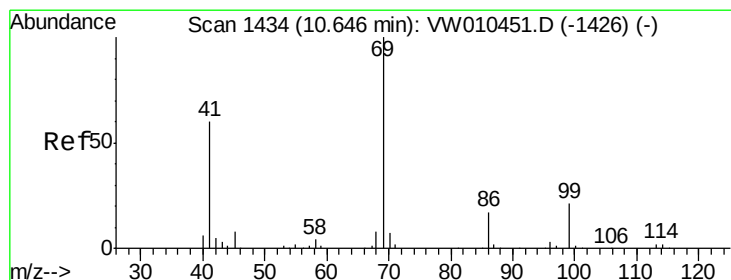
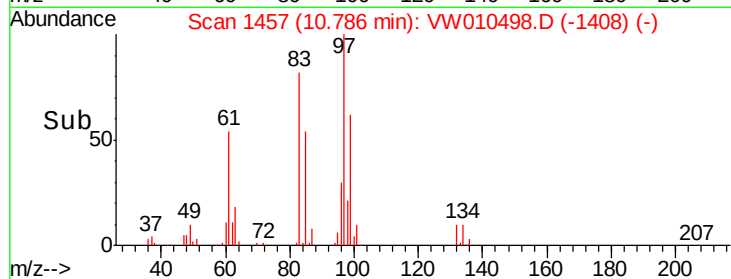
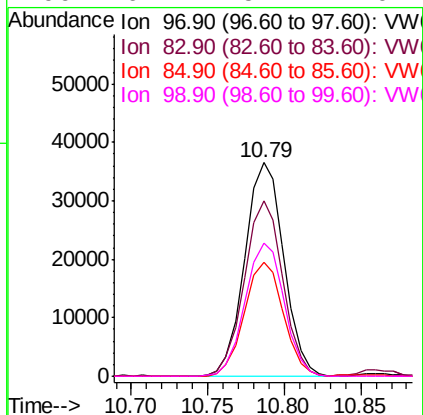
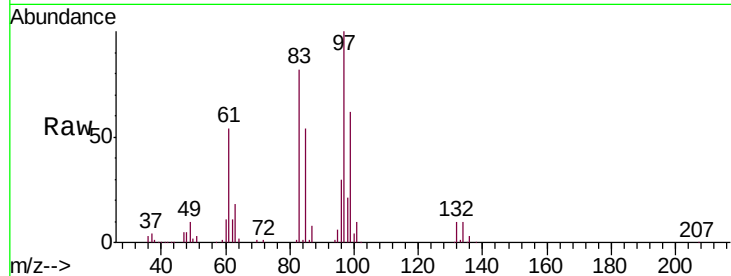




#55
 1,1,2-Trichloroethane
 Concen: 55.168 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010498.D
 Acq: 21 May 2019 20:31

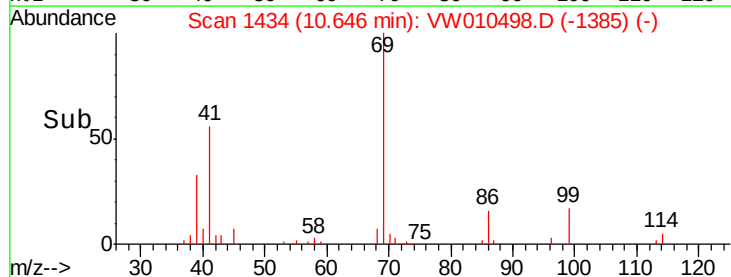
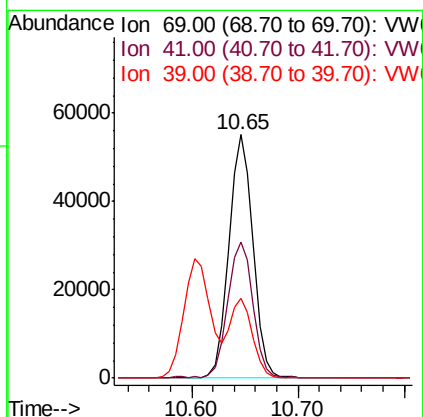
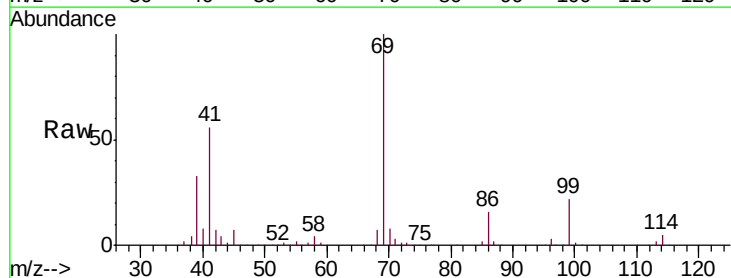
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

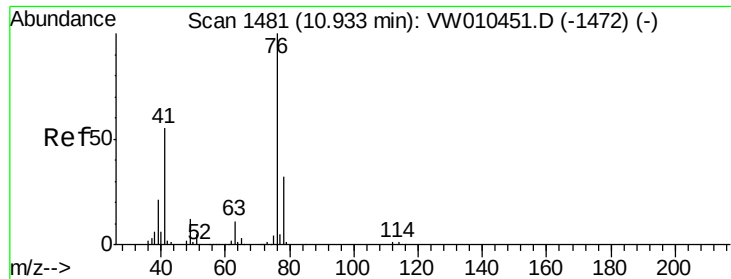
Tgt Ion:	97	Resp:	64815
Ion	Ratio	Lower	Upper
97	100		
83	82.2	66.1	99.1
85	53.5	44.2	66.4
99	62.1	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 54.074 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010498.D
 Acq: 21 May 2019 20:31

Tgt Ion:	69	Resp:	87618
Ion	Ratio	Lower	Upper
69	100		
41	57.6	47.7	71.5
39	30.3	25.3	37.9

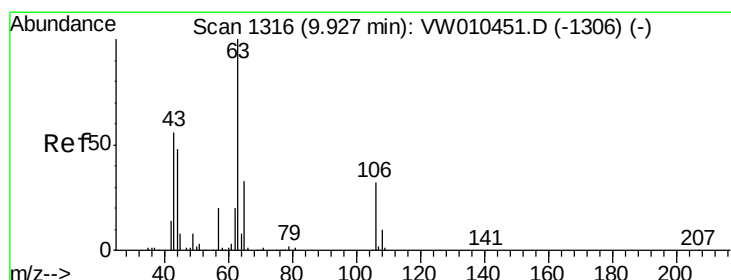
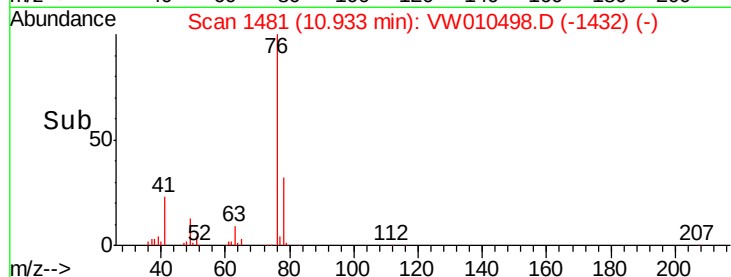
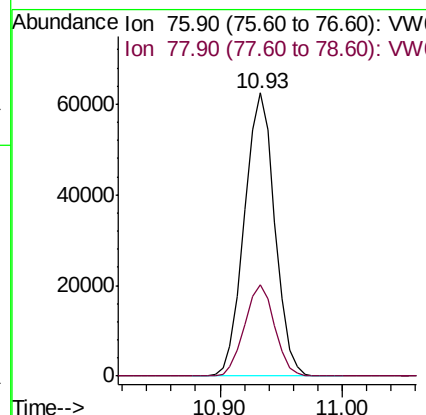
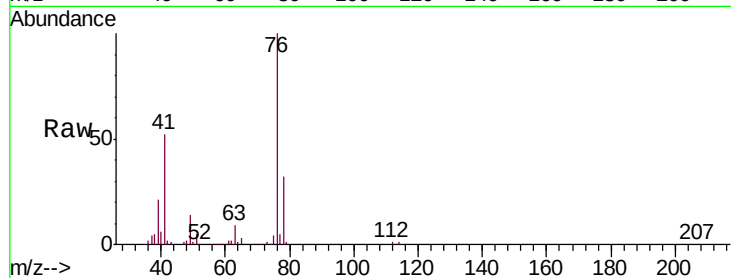




#57
 1,3-Dichloropropane
 Concen: 54.672 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010498.D
 Acq: 21 May 2019 20:31

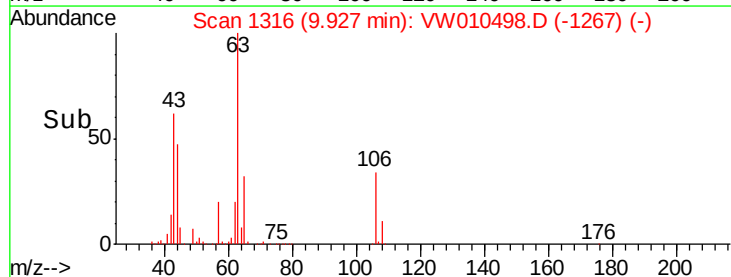
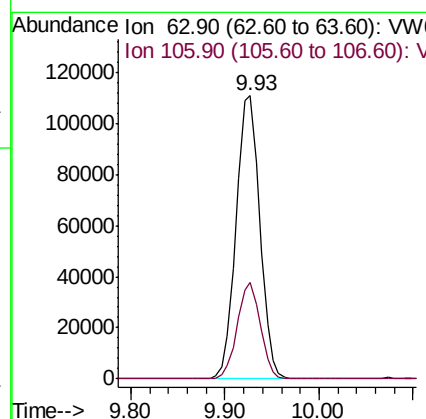
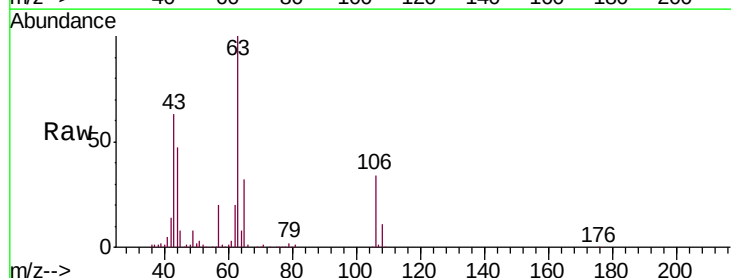
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

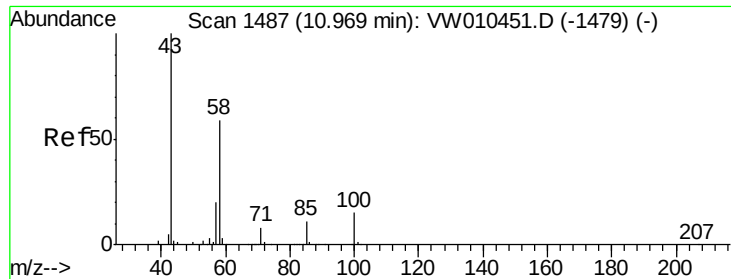
Tgt Ion: 76 Resp: 107592
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 270.863 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW010498.D
 Acq: 21 May 2019 20:31

Tgt Ion: 63 Resp: 194396
 Ion Ratio Lower Upper
 63 100
 106 33.1 25.8 38.6

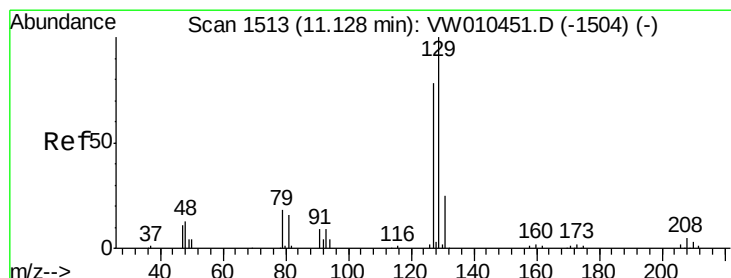
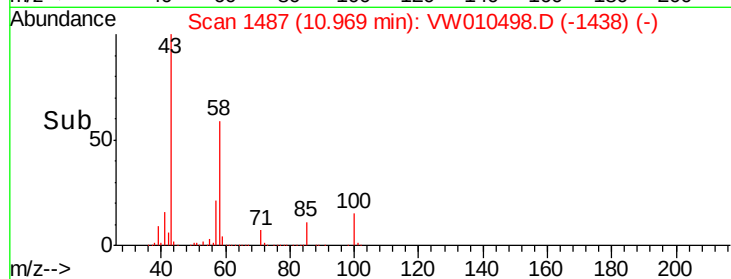
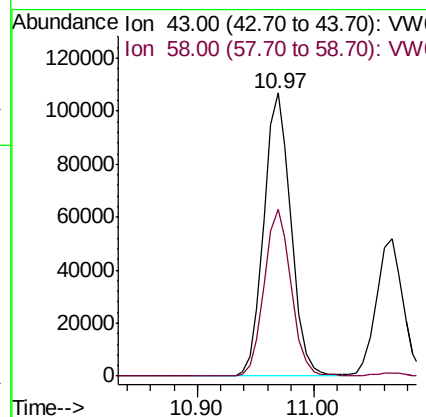
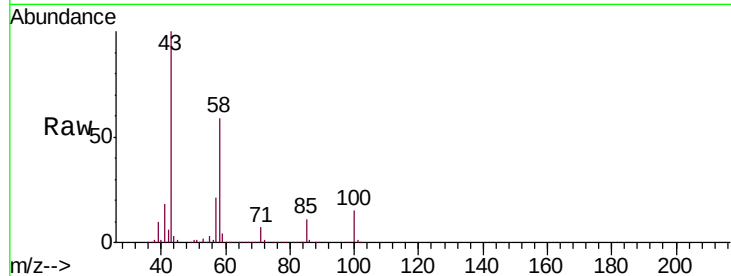




#59
2-Hexanone
Concen: 266.699 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010498.D
Acq: 21 May 2019 20:31

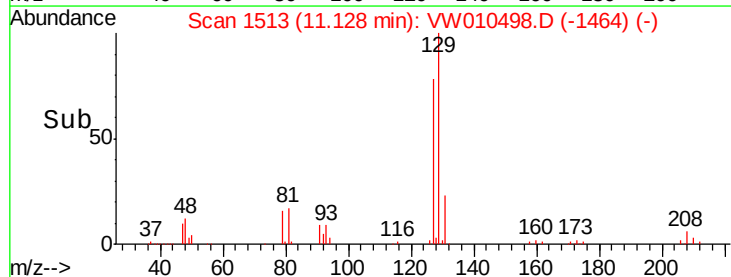
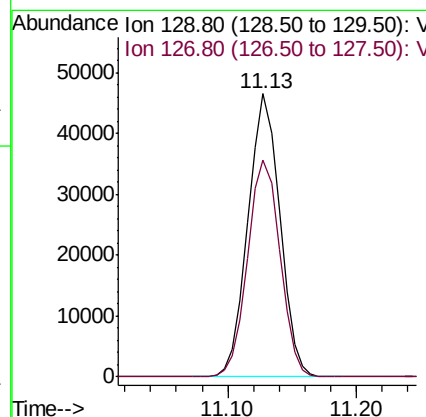
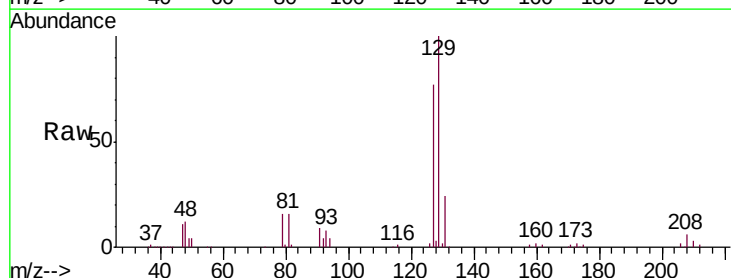
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

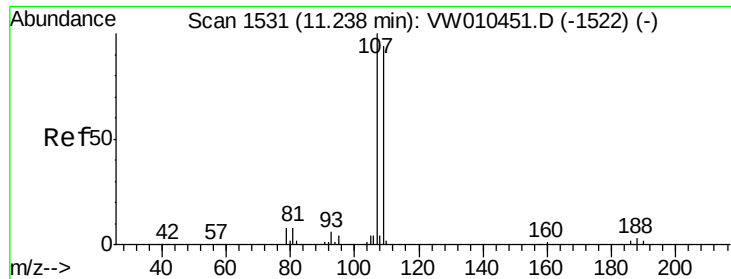
Tgt Ion: 43 Resp: 173327
Ion Ratio Lower Upper
43 100
58 58.6 28.9 86.8



#60
Dibromochloromethane
Concen: 53.558 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010498.D
Acq: 21 May 2019 20:31

Tgt Ion: 129 Resp: 79635
Ion Ratio Lower Upper
129 100
127 77.9 38.9 116.7

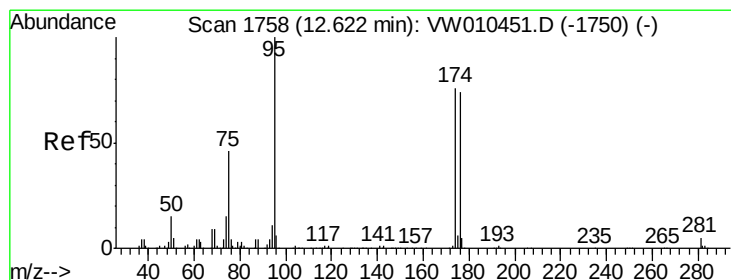
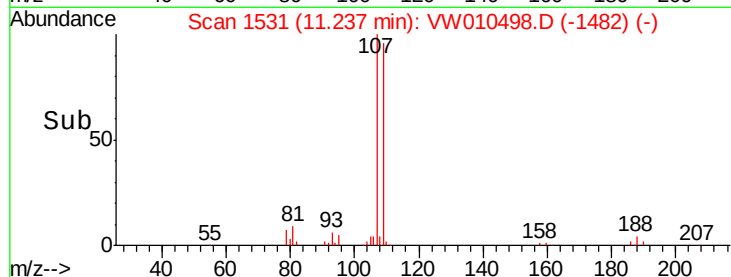
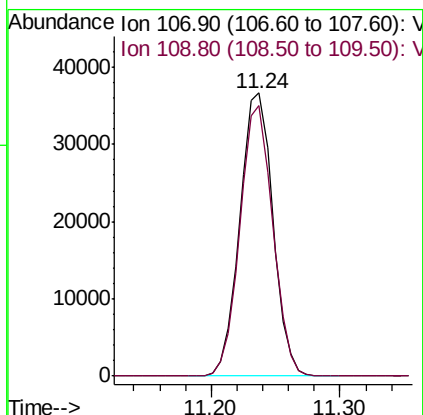
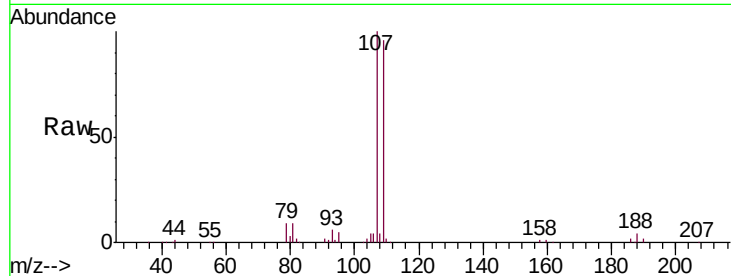




#61
 1,2-Dibromoethane
 Concen: 54.651 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW010498.D
 Acq: 21 May 2019 20:31

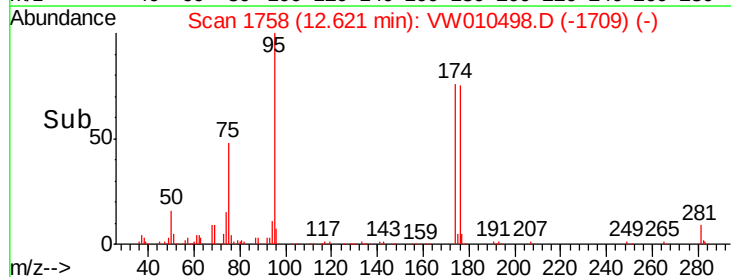
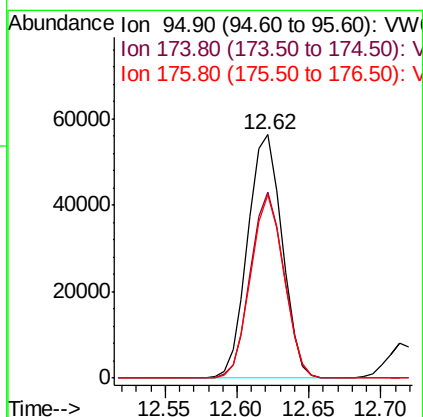
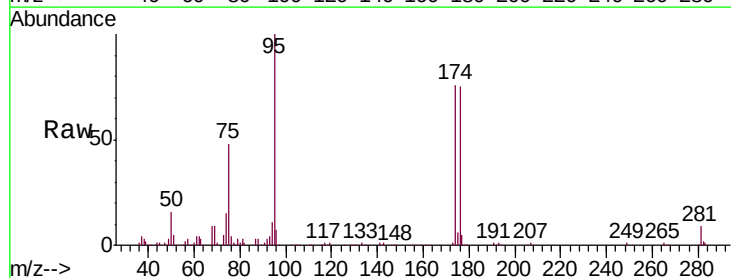
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

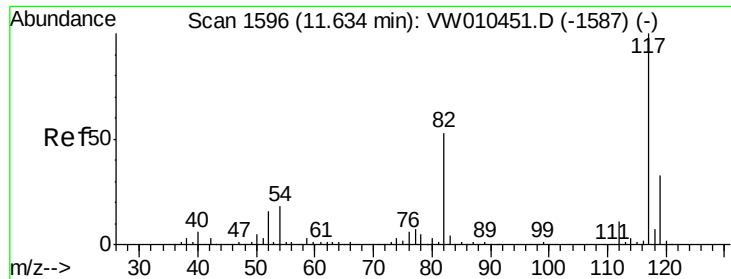
Tgt Ion: 107 Resp: 65041
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 44.406 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW010498.D
 Acq: 21 May 2019 20:31

Tgt Ion: 95 Resp: 93147
 Ion Ratio Lower Upper
 95 100
 174 74.3 0.0 148.6
 176 73.0 0.0 144.2

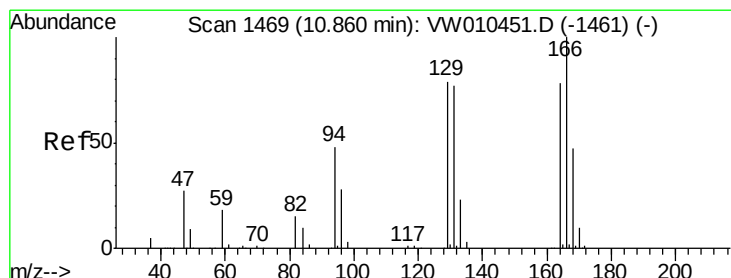
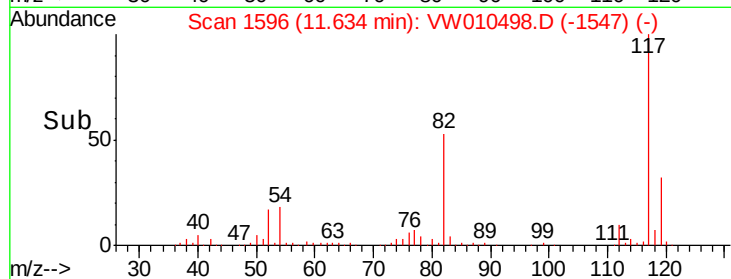
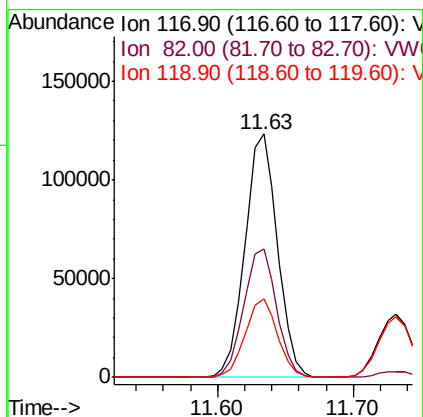
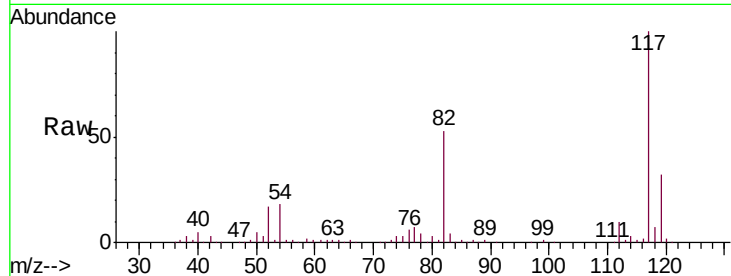




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010498.D
Acq: 21 May 2019 20:31

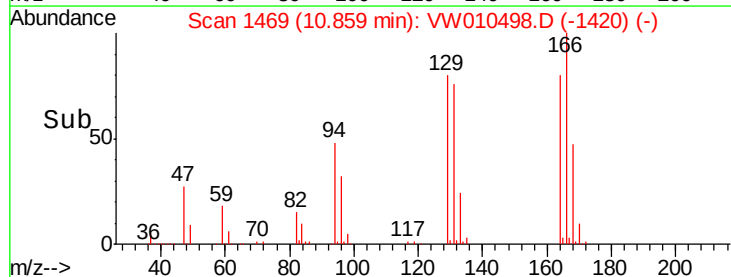
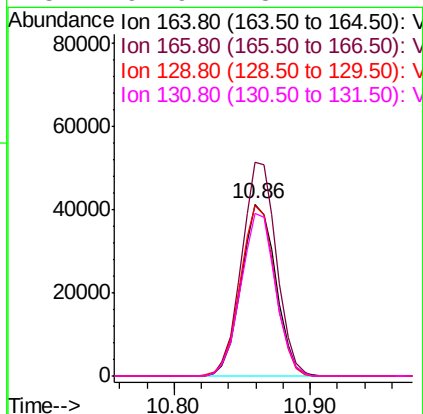
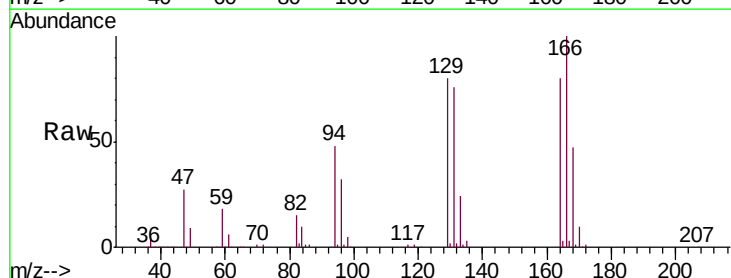
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

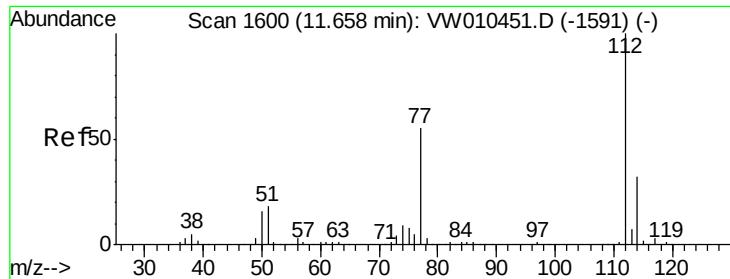
Tgt Ion:117 Resp: 206243
Ion Ratio Lower Upper
117 100
82 52.9 42.8 64.2
119 32.4 26.3 39.5



#64
Tetrachloroethene
Concen: 50.873 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010498.D
Acq: 21 May 2019 20:31

Tgt Ion:164 Resp: 73140
Ion Ratio Lower Upper
164 100
166 124.2 101.9 152.9
129 98.8 80.6 121.0
131 94.9 78.2 117.2

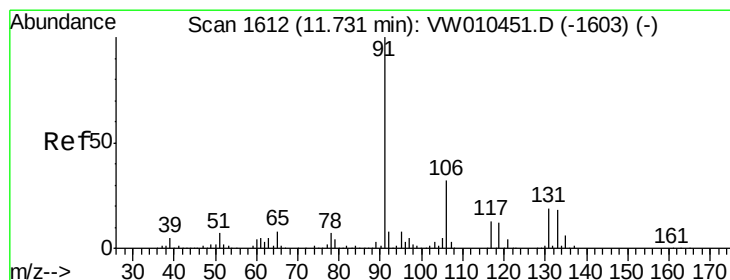
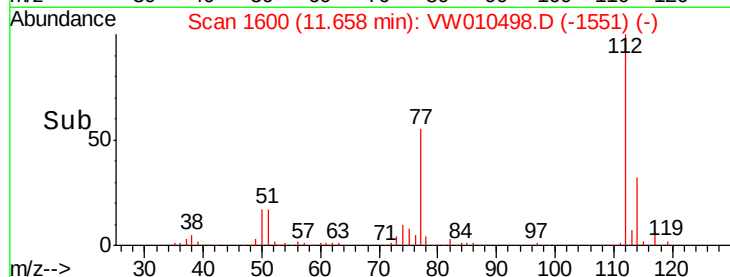
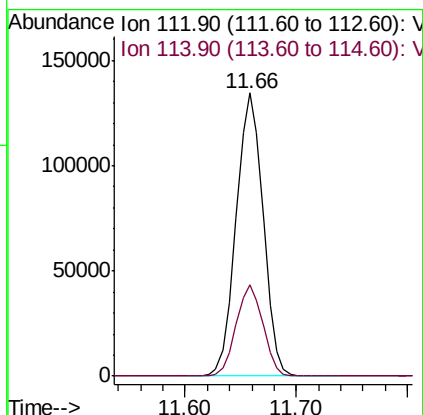
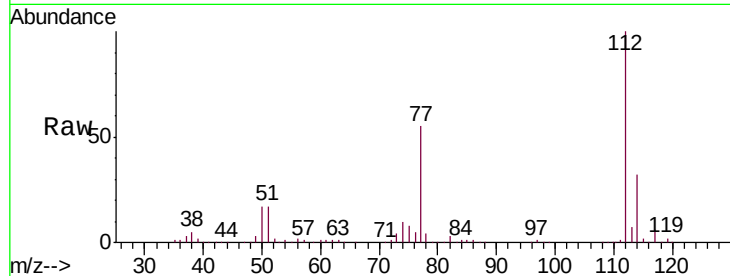




#65
Chlorobenzene
Concen: 51.249 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010498.D
Acq: 21 May 2019 20:31

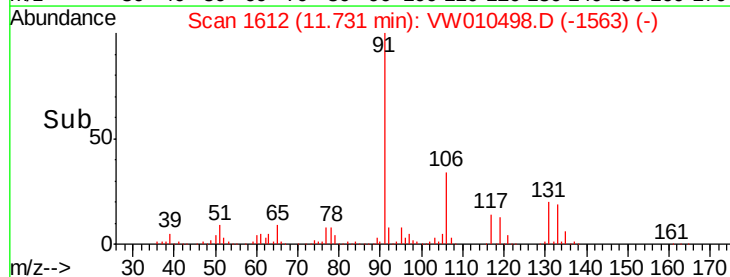
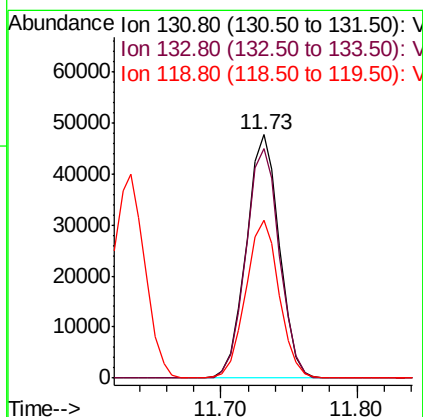
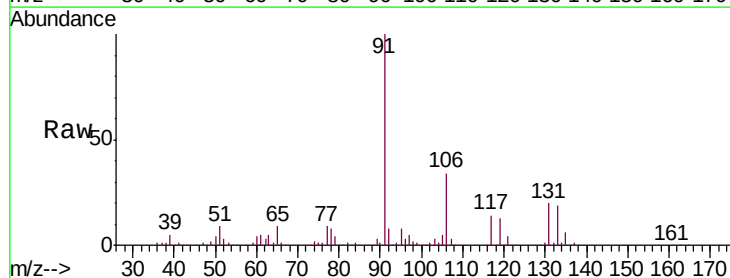
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

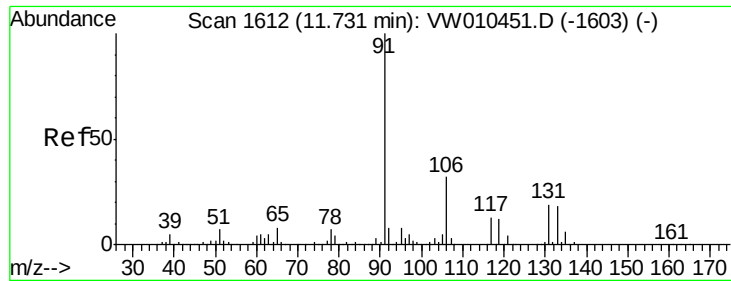
Tgt Ion:112 Resp: 225265
Ion Ratio Lower Upper
112 100
114 32.2 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 51.498 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010498.D
Acq: 21 May 2019 20:31

Tgt Ion:131 Resp: 81087
Ion Ratio Lower Upper
131 100
133 96.0 47.3 141.9
119 65.1 32.1 96.5

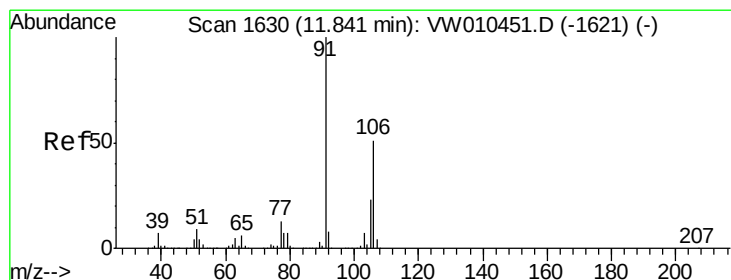
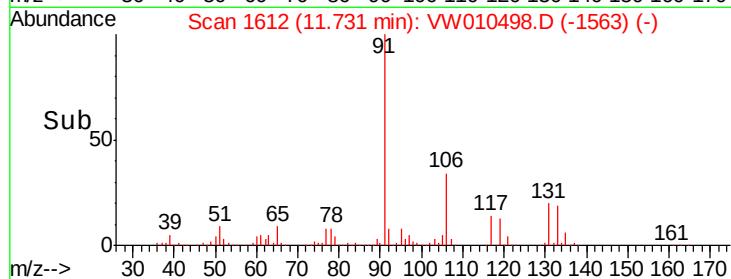
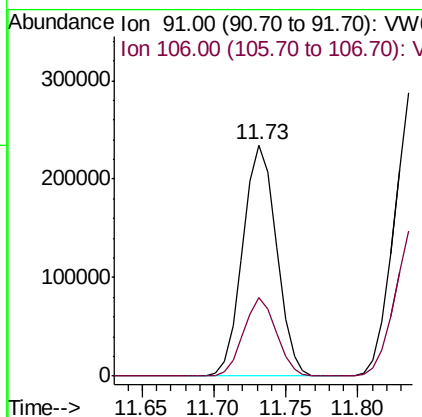
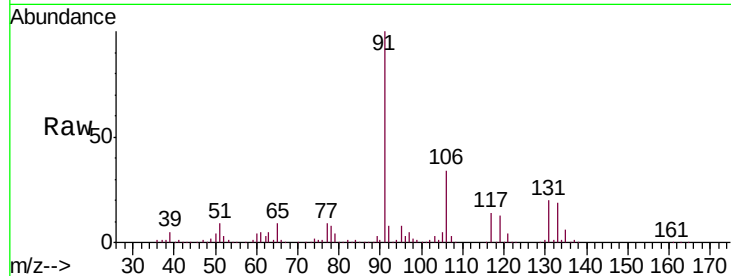




#67
Ethyl Benzene
Concen: 49.140 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010498.D
Acq: 21 May 2019 20:31

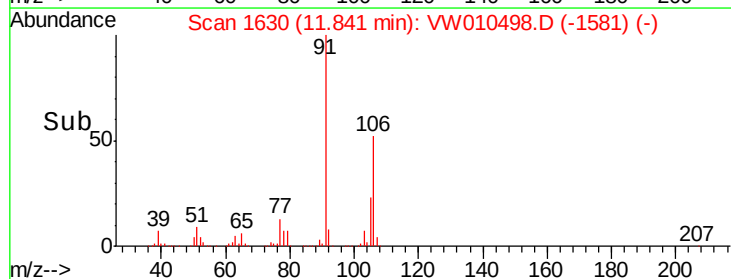
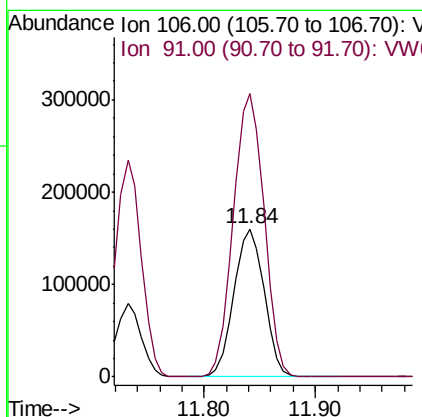
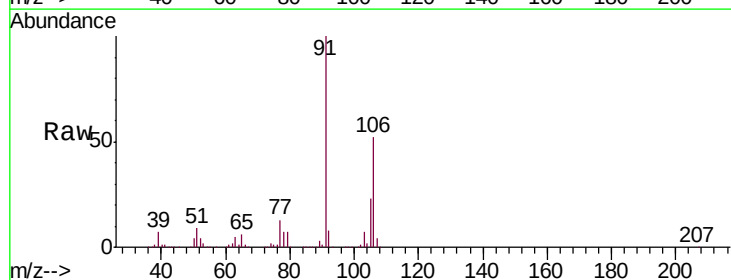
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

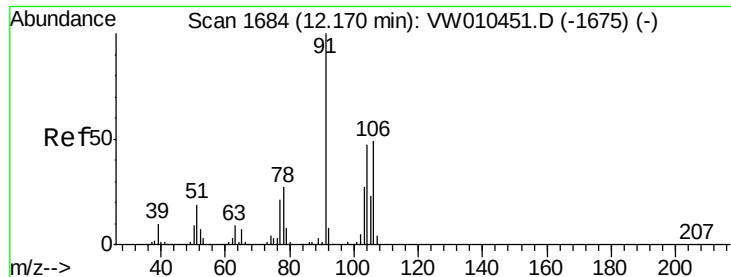
Tgt Ion: 91 Resp: 381351
Ion Ratio Lower Upper
91 100
106 33.7 25.9 38.9



#68
m/p-Xylenes
Concen: 99.209 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010498.D
Acq: 21 May 2019 20:31

Tgt Ion: 106 Resp: 301981
Ion Ratio Lower Upper
106 100
91 194.6 156.0 234.0

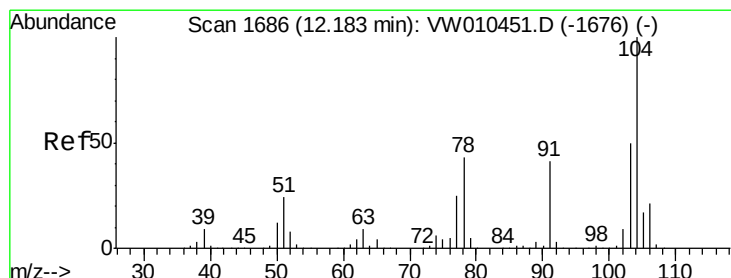
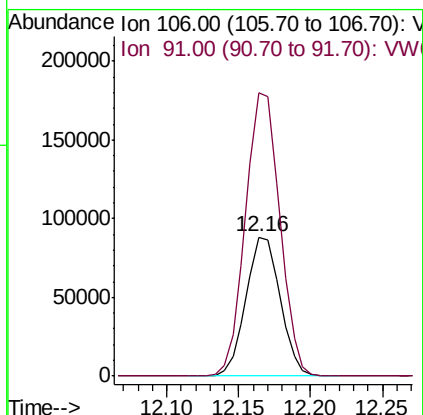
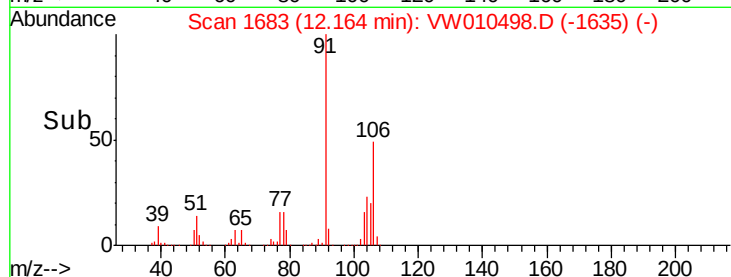
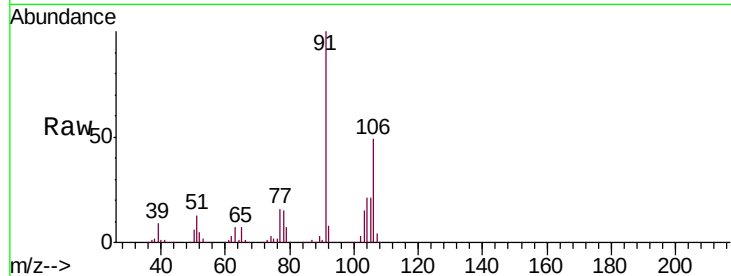




#69
o-Xylene
Concen: 50.519 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010498.D
Acq: 21 May 2019 20:31

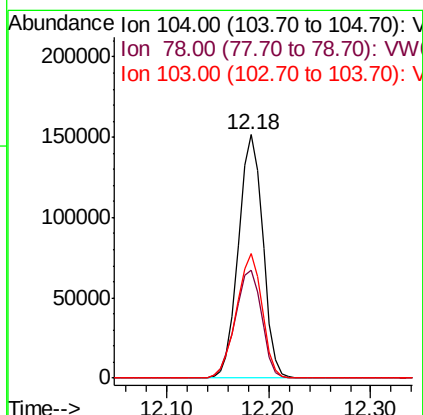
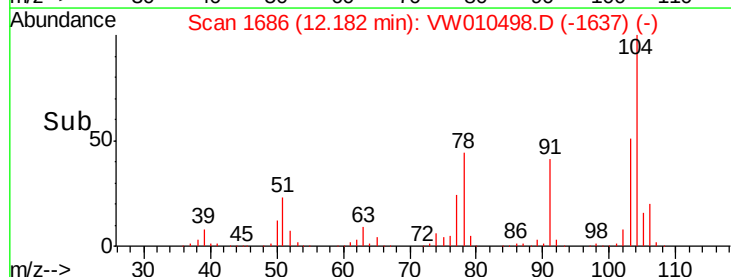
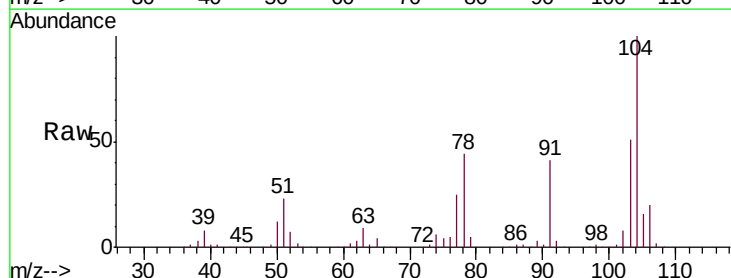
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

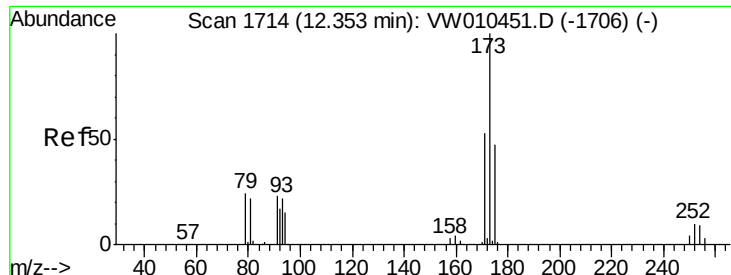
Tgt Ion:106 Resp: 145694
Ion Ratio Lower Upper
106 100
91 204.5 103.2 309.4



#70
Styrene
Concen: 51.026 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010498.D
Acq: 21 May 2019 20:31

Tgt Ion:104 Resp: 249681
Ion Ratio Lower Upper
104 100
78 48.7 39.0 58.4
103 53.7 43.0 64.6





#71

Bromoform

Concen: 51.929 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW010498.D

Acq: 21 May 2019 20:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

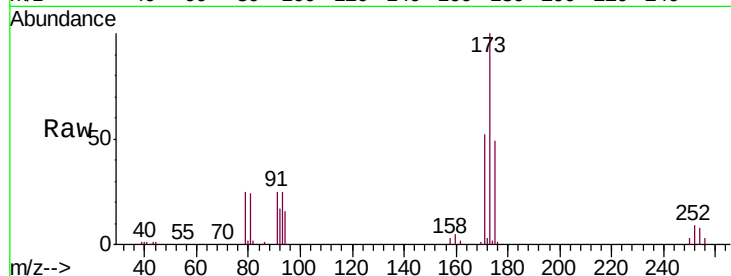
Tgt Ion:173 Resp: 45027

Ion Ratio Lower Upper

173 100

175 49.1 24.4 73.4

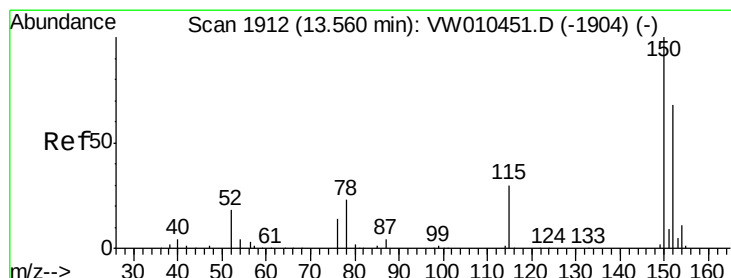
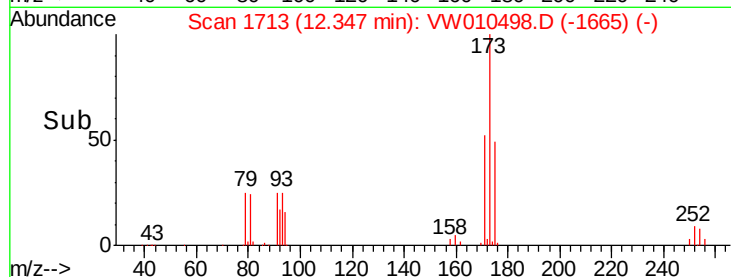
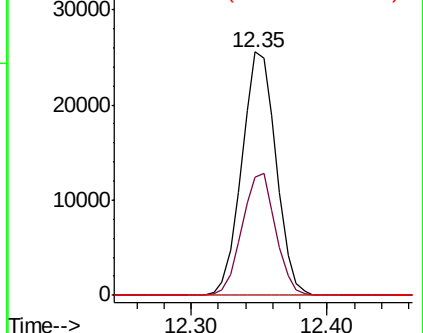
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010498.D

Acq: 21 May 2019 20:31

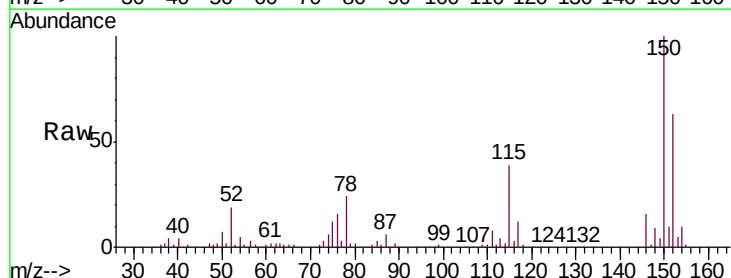
Tgt Ion:152 Resp: 101957

Ion Ratio Lower Upper

152 100

115 60.6 30.3 91.0

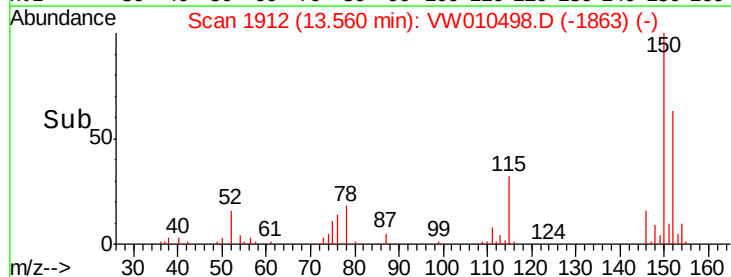
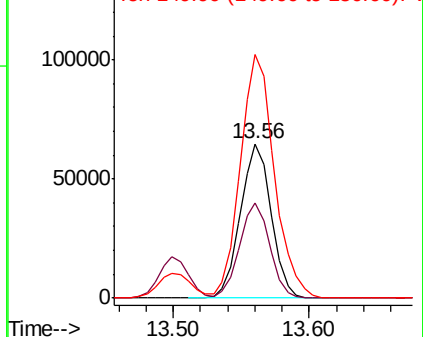
150 175.0 0.0 349.8

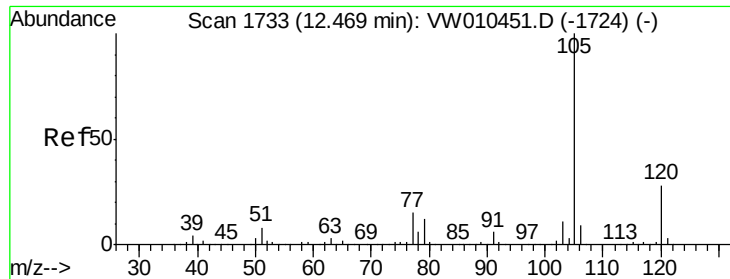


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

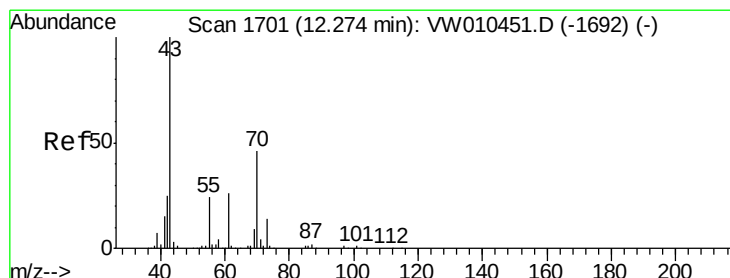
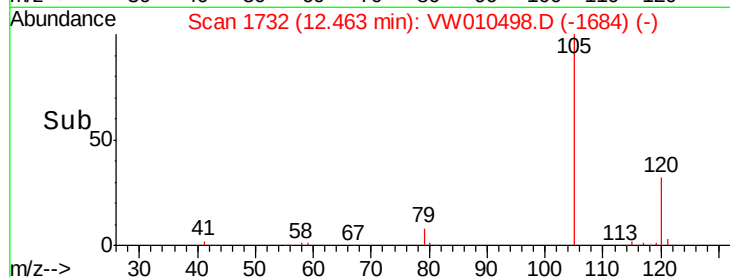
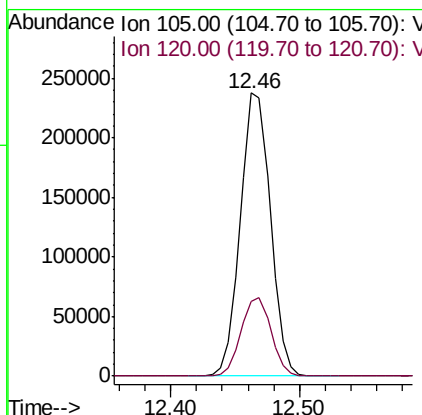
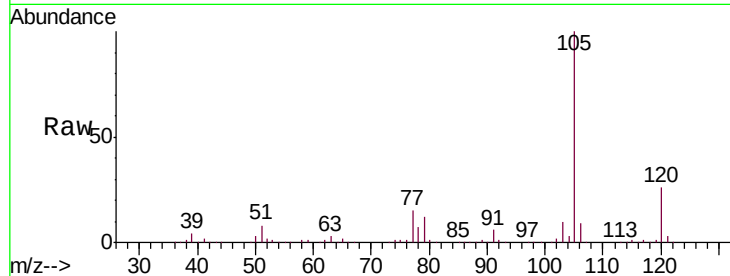




#73
Isopropylbenzene
Concen: 47.431 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.01 min
Lab File: VW010498.D
Acq: 21 May 2019 20:31

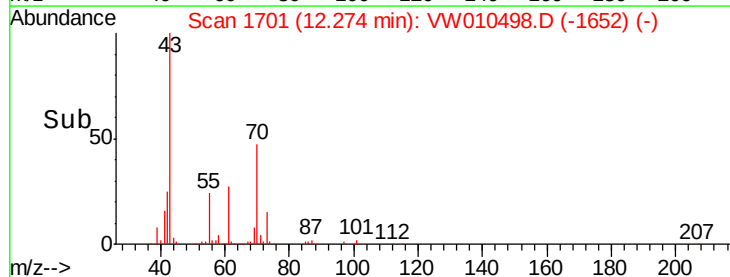
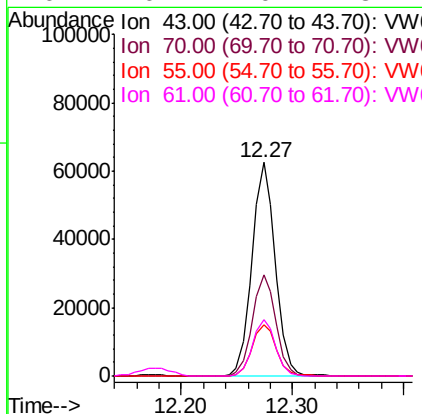
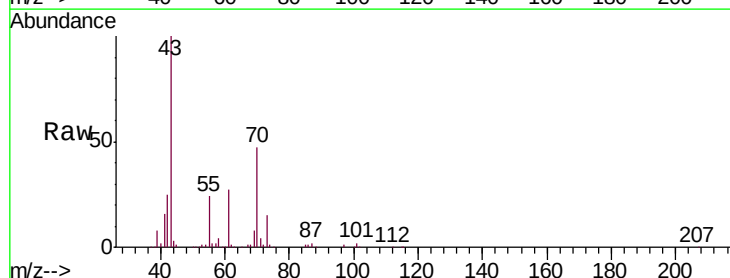
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

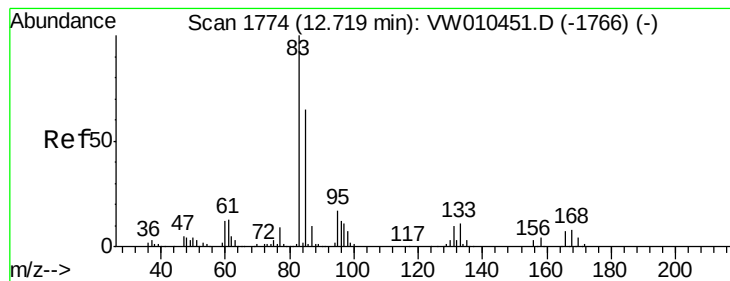
Tgt Ion: 105 Resp: 383748
Ion Ratio Lower Upper
105 100
120 27.6 13.9 41.7



#74
N-ethyl acetate
Concen: 49.181 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW010498.D
Acq: 21 May 2019 20:31

Tgt Ion: 43 Resp: 91181
Ion Ratio Lower Upper
43 100
70 47.7 37.1 55.7
55 25.2 19.6 29.4
61 26.2 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 51.606 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW010498.D

Acq: 21 May 2019 20:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

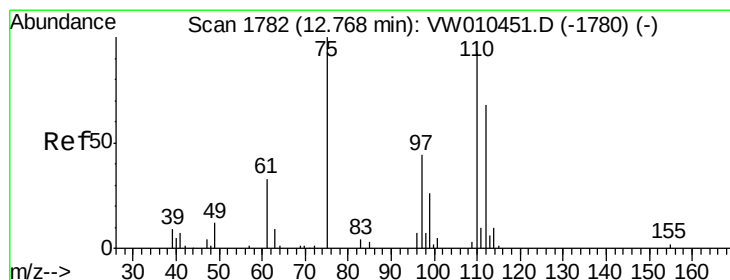
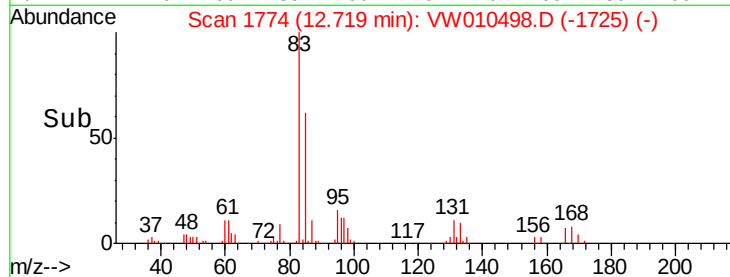
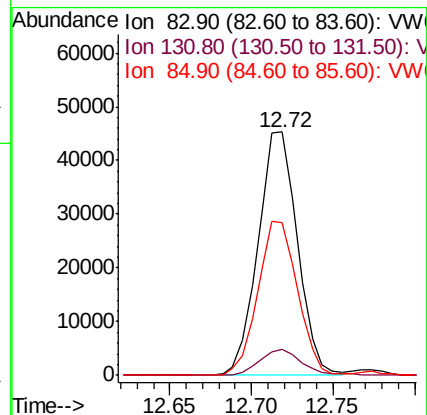
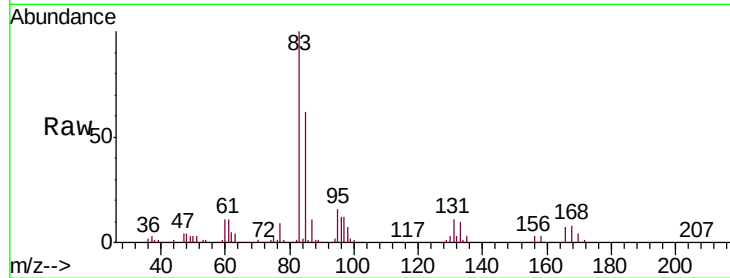
Tgt Ion: 83 Resp: 75943

Ion Ratio Lower Upper

83 100

131 11.2 5.6 16.8

85 63.9 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 90.787 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW010498.D

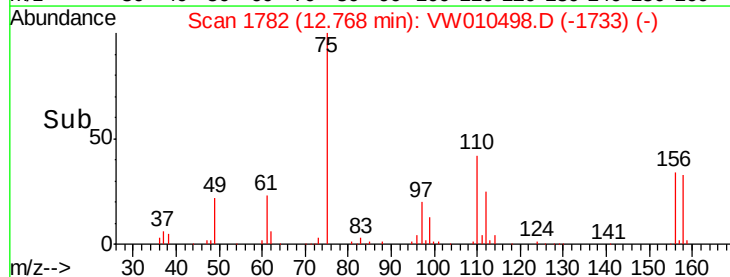
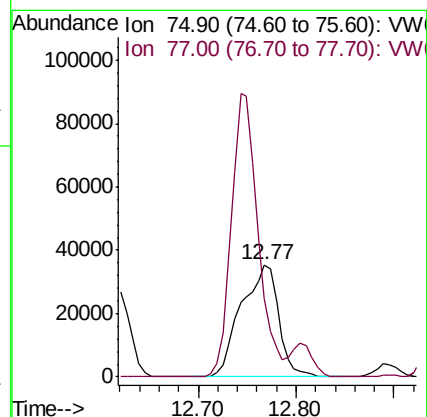
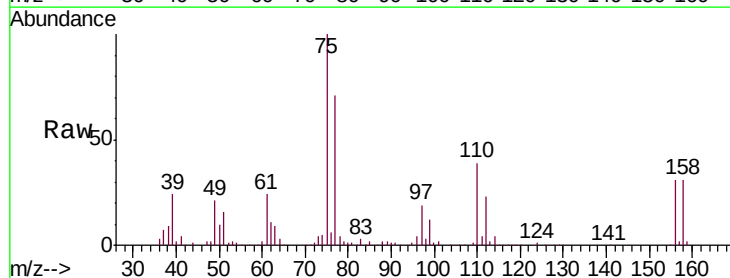
Acq: 21 May 2019 20:31

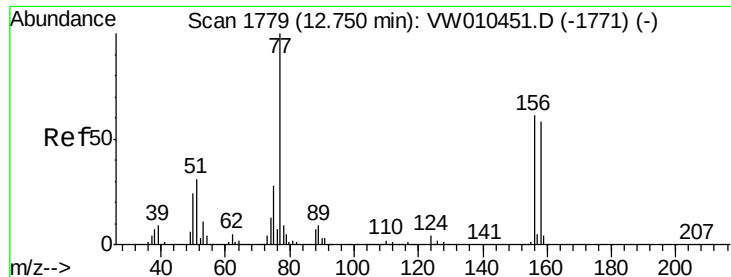
Tgt Ion: 75 Resp: 93958

Ion Ratio Lower Upper

75 100

77 0.0 170.0 510.1#





#77

Bromobenzene

Concen: 50.403 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010498.D

Acq: 21 May 2019 20:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

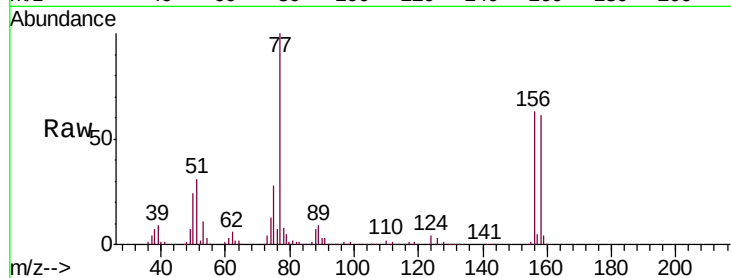
Tgt Ion:156 Resp: 91256

Ion Ratio Lower Upper

156 100

77 185.3 92.4 277.2

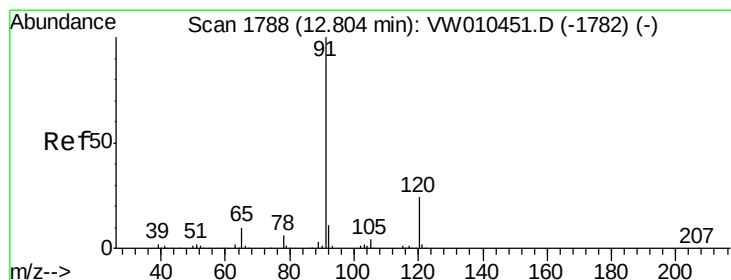
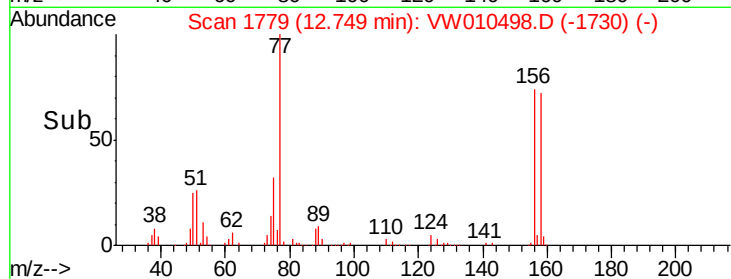
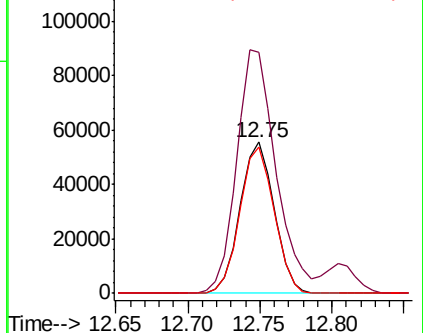
158 97.0 48.3 144.8



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: 46.715 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010498.D

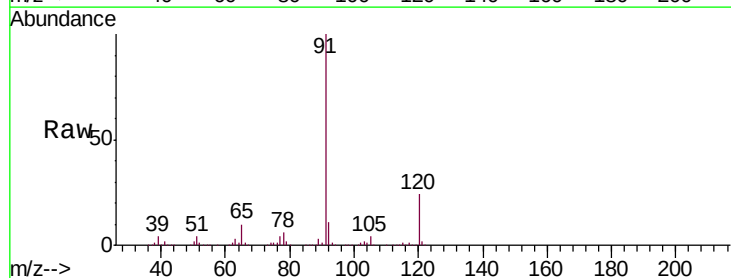
Acq: 21 May 2019 20:31

Tgt Ion: 91 Resp: 440462

Ion Ratio Lower Upper

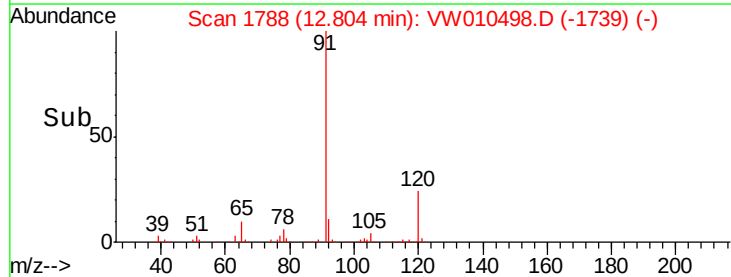
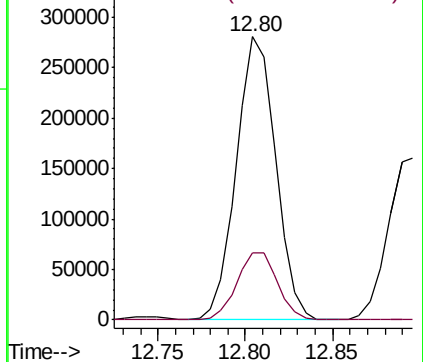
91 100

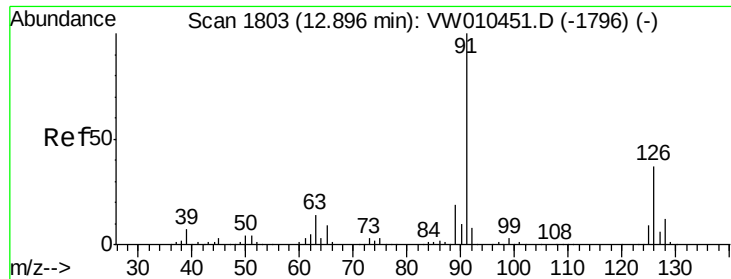
120 24.5 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.978 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010498.D

Acq: 21 May 2019 20:31

Instrument :

MSVOA_W

ClientSampleId :

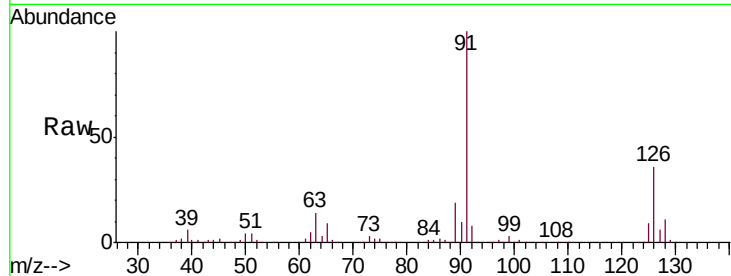
VSTDCCC050EC

Tgt Ion: 91 Resp: 262338

Ion Ratio Lower Upper

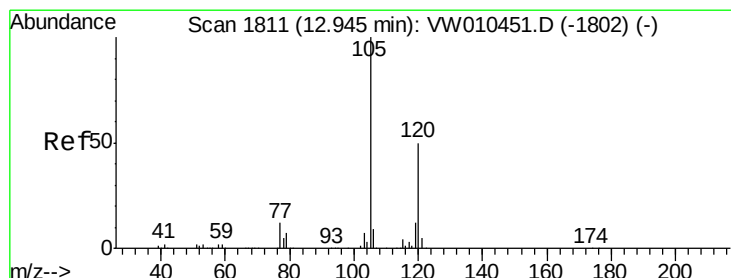
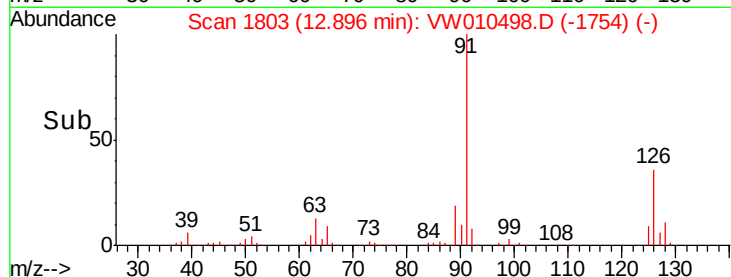
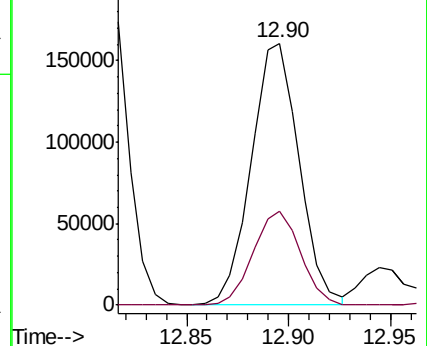
91 100

126 35.2 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 48.185 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010498.D

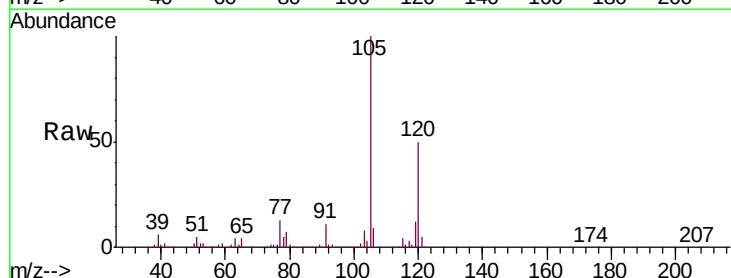
Acq: 21 May 2019 20:31

Tgt Ion: 105 Resp: 330181

Ion Ratio Lower Upper

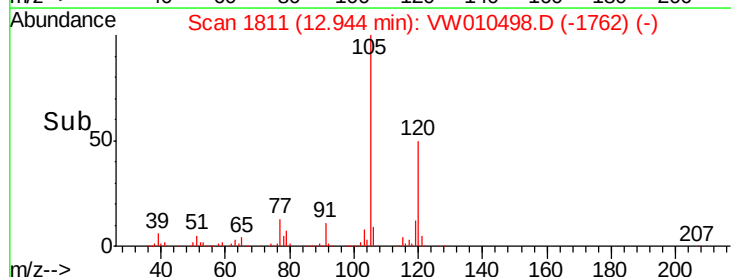
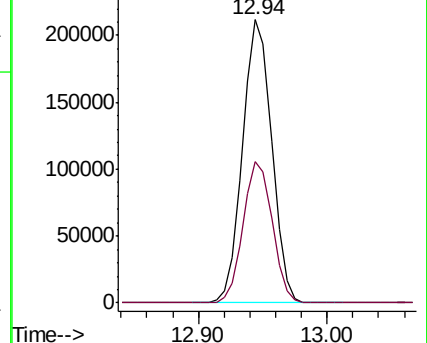
105 100

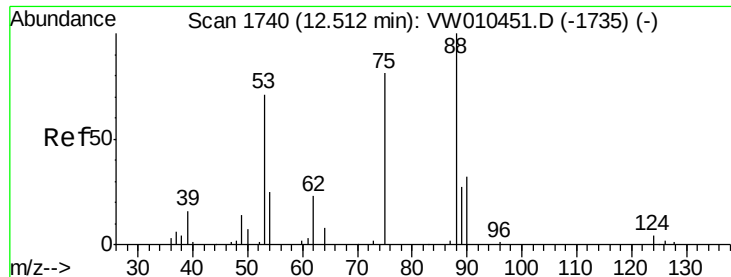
120 50.1 25.2 75.6



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: 48.489 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW010498.D

Acq: 21 May 2019 20:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

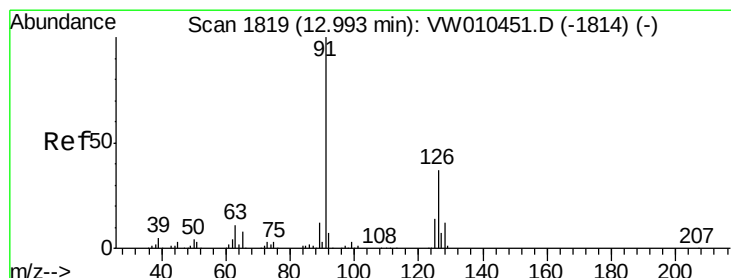
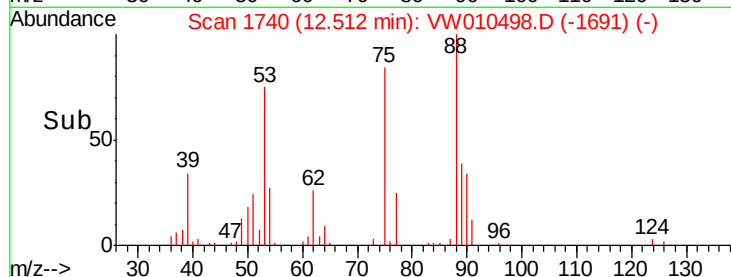
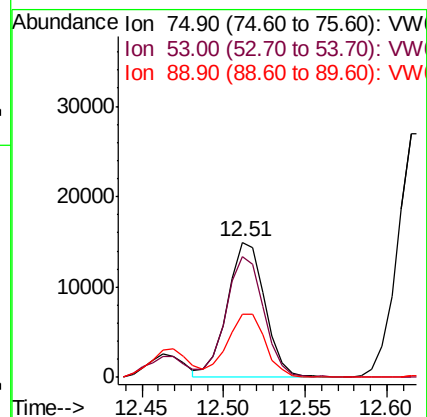
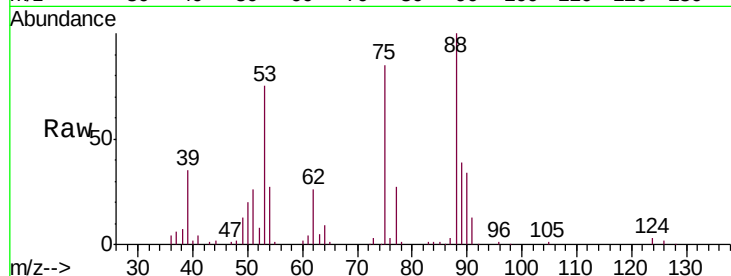
Tgt Ion: 75 Resp: 24045

Ion Ratio Lower Upper

75 100

53 88.7 69.8 104.8

89 47.1 39.5 59.3



#82

4-Chlorotoluene

Concen: 48.081 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW010498.D

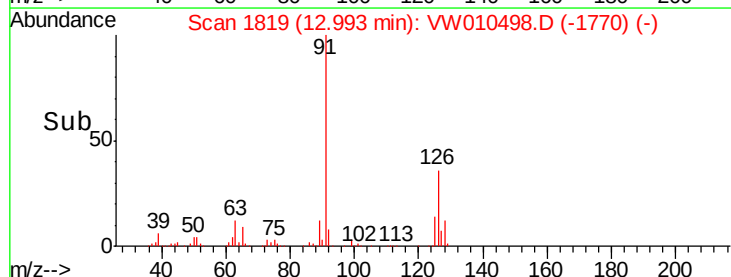
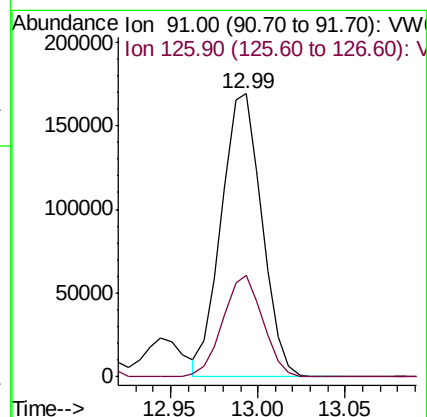
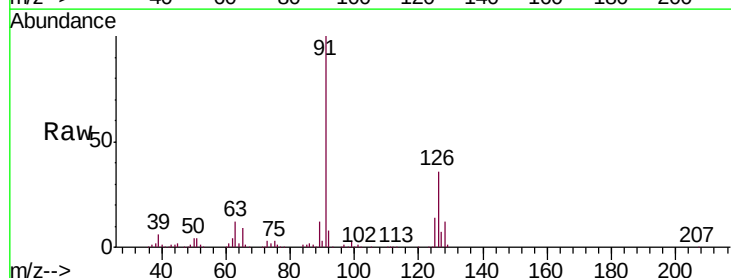
Acq: 21 May 2019 20:31

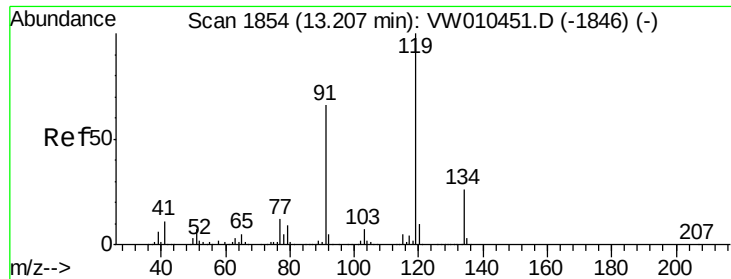
Tgt Ion: 91 Resp: 272879

Ion Ratio Lower Upper

91 100

126 35.4 17.5 52.6

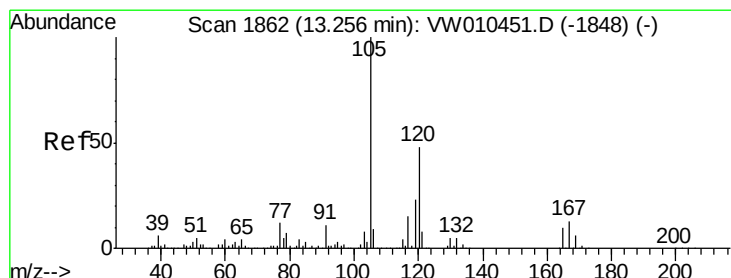
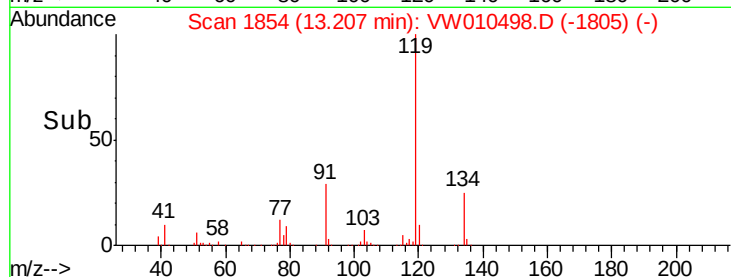
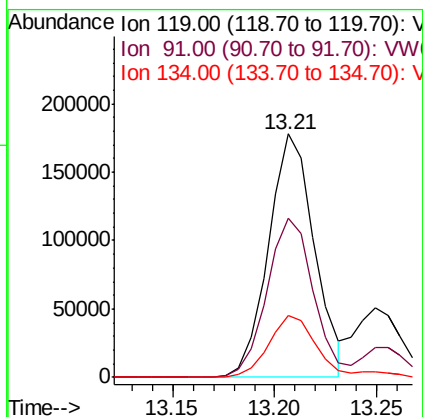
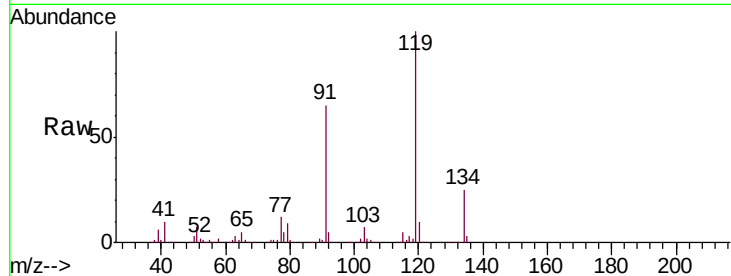




#83
 tert-Butylbenzene
 Concen: 46.672 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW010498.D
 Acq: 21 May 2019 20:31

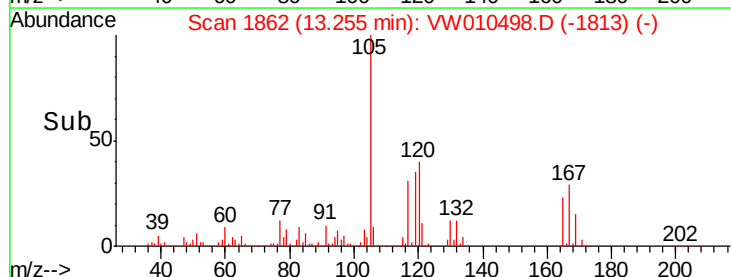
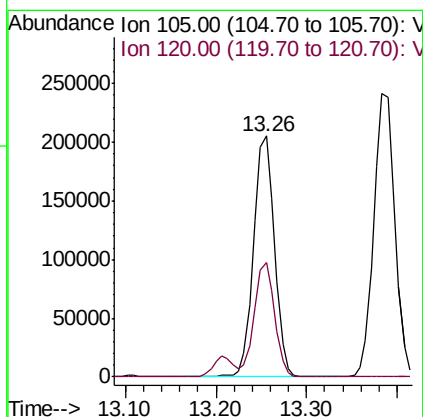
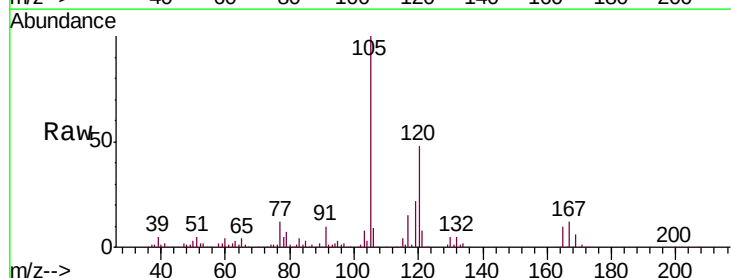
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

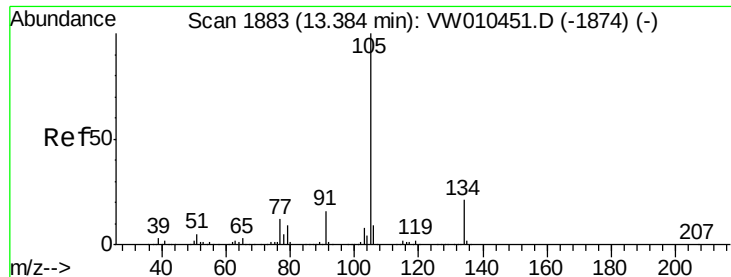
Tgt Ion:119 Resp: 279356
 Ion Ratio Lower Upper
 119 100
 91 66.6 33.1 99.5
 134 27.7 13.9 41.6



#84
 1,2,4-Trimethylbenzene
 Concen: 48.176 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW010498.D
 Acq: 21 May 2019 20:31

Tgt Ion:105 Resp: 328788
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.4 70.2

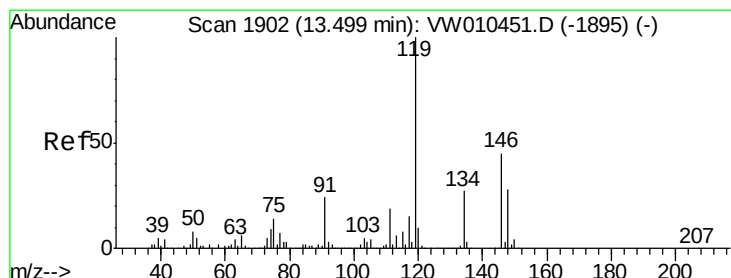
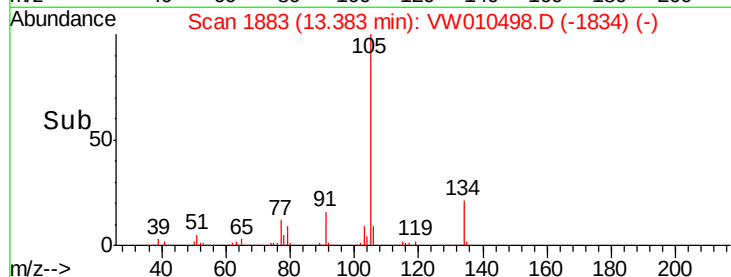
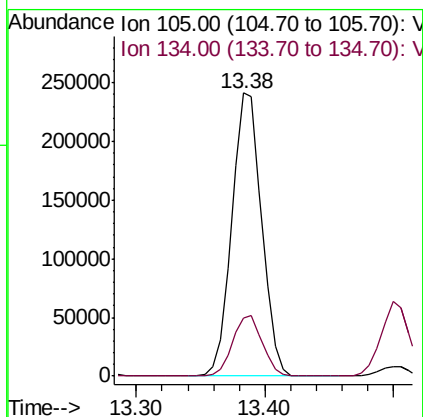
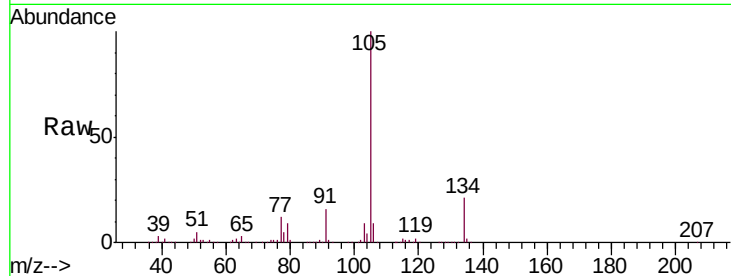




#85
 sec-Butylbenzene
 Concen: 46.278 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW010498.D
 Acq: 21 May 2019 20:31

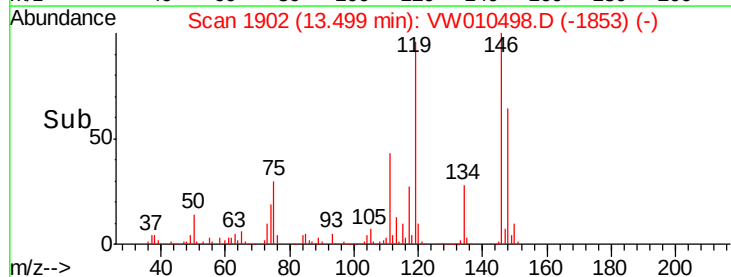
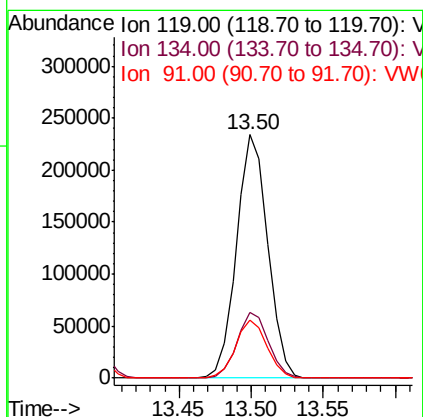
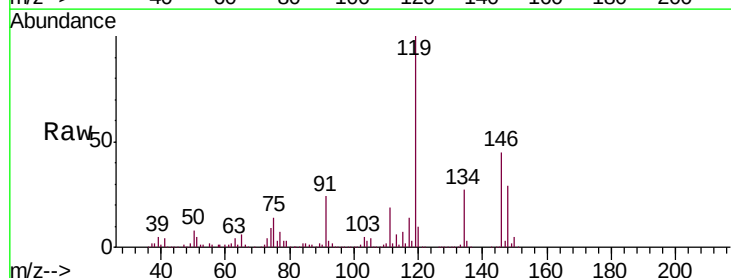
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

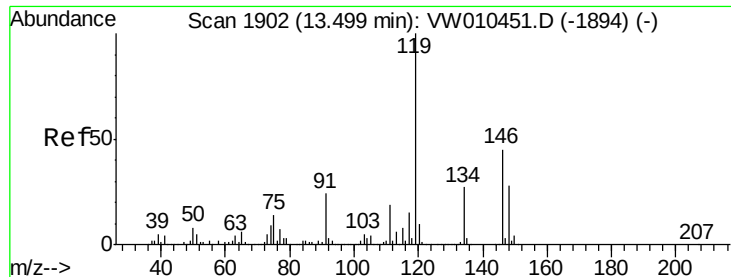
Tgt Ion:105 Resp: 387639
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 46.481 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010498.D
 Acq: 21 May 2019 20:31

Tgt Ion:119 Resp: 352404
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.6 40.7
 91 23.9 11.9 35.7

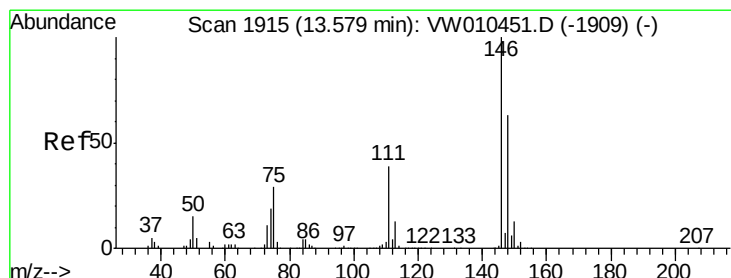
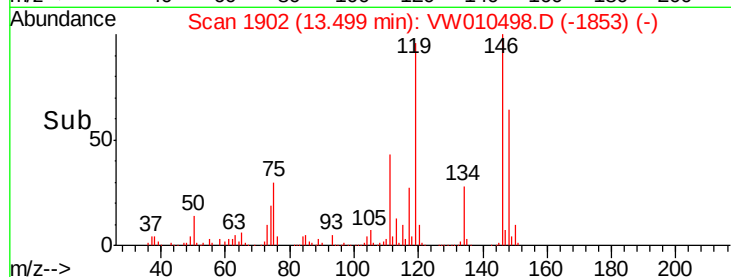
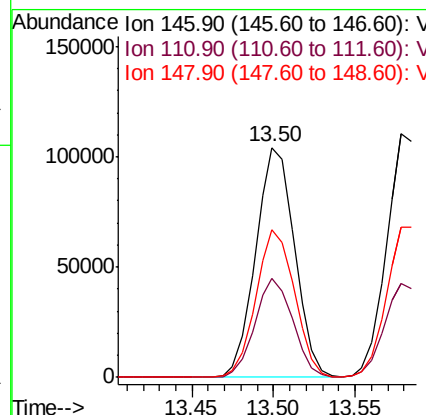
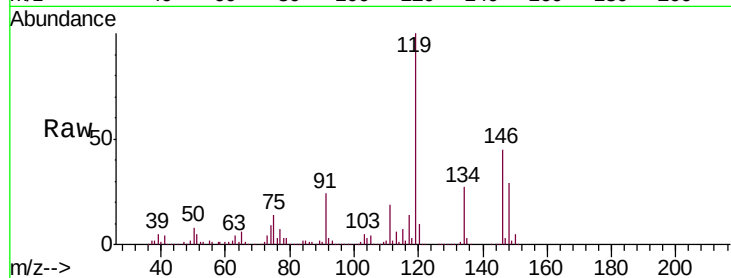




#87
 1,3-Dichlorobenzene
 Concen: 48.644 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010498.D
 Acq: 21 May 2019 20:31

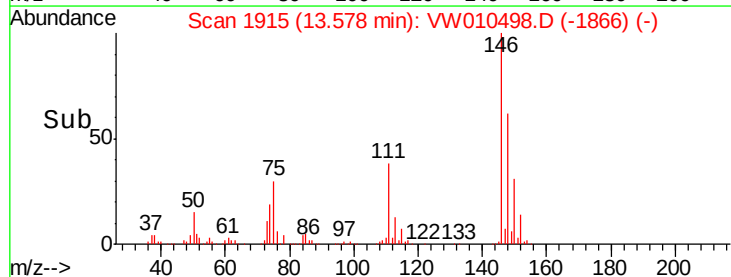
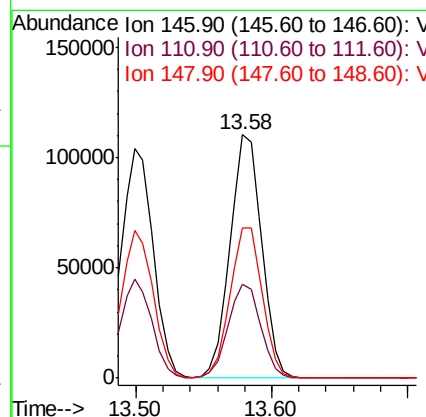
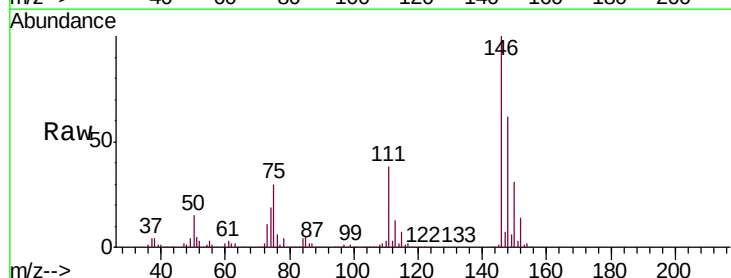
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

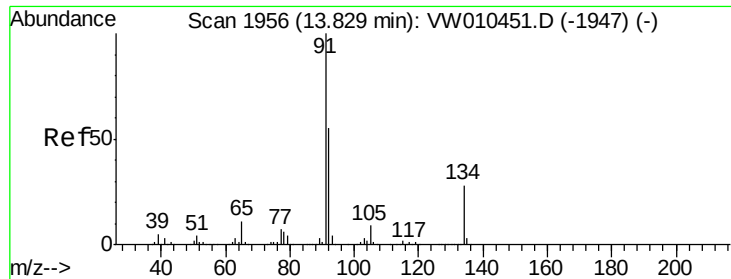
Tgt Ion:146 Resp: 172790
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.3 60.9
 148 63.8 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 50.047 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW010498.D
 Acq: 21 May 2019 20:31

Tgt Ion:146 Resp: 178365
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.9 59.6
 148 62.9 31.6 94.8

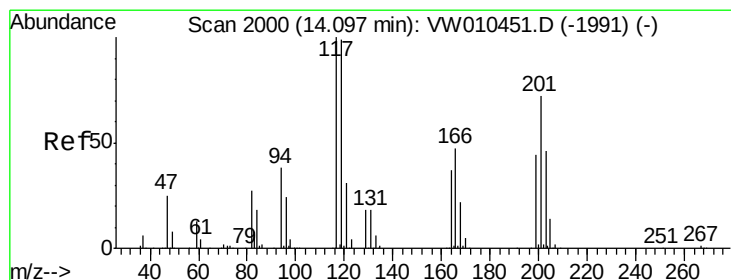
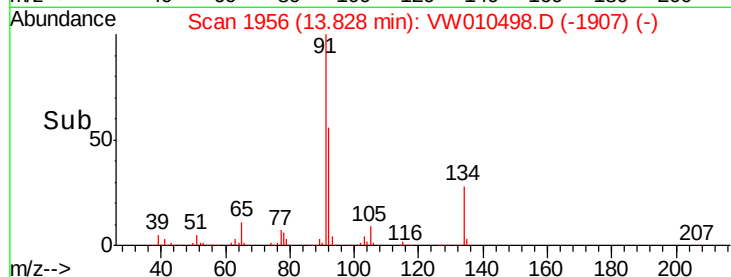
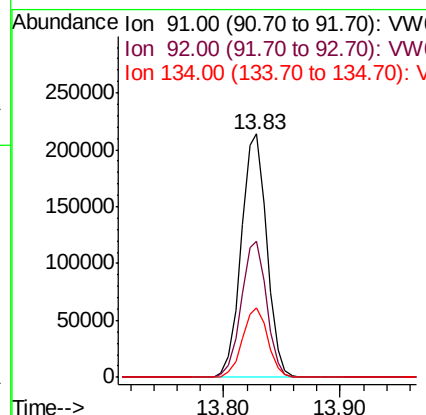
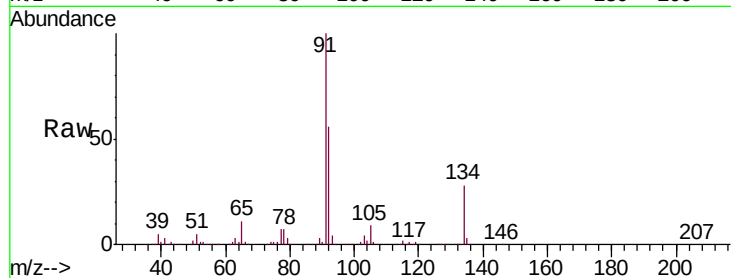




#89
n-Butylbenzene
Concen: 45.304 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW010498.D
Acq: 21 May 2019 20:31

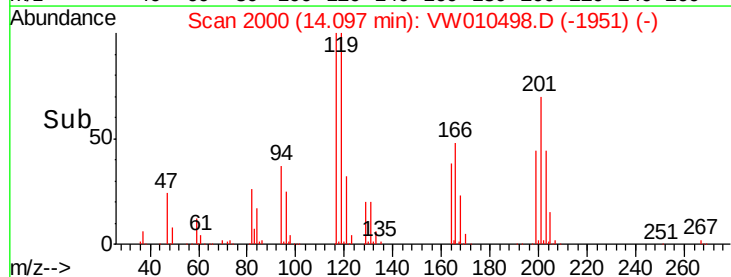
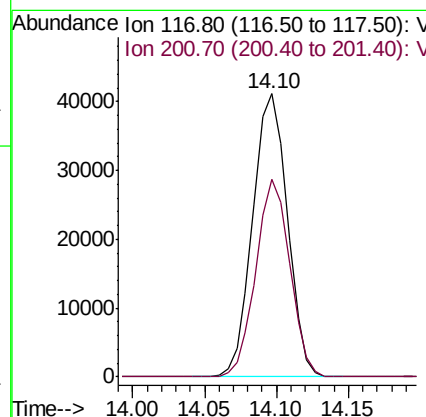
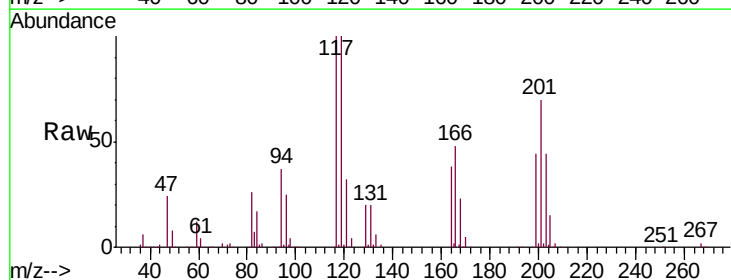
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

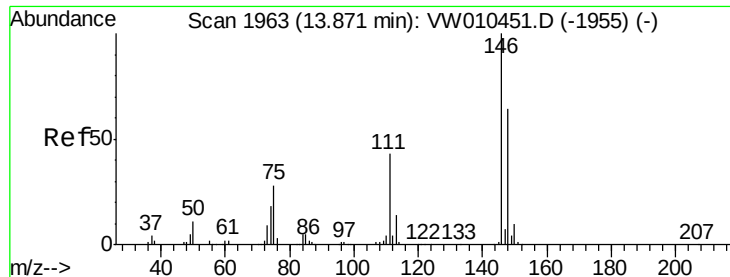
Tgt Ion: 91 Resp: 326711
Ion Ratio Lower Upper
91 100
92 55.5 27.7 83.1
134 28.3 13.9 41.6



#90
Hexachloroethane
Concen: 46.726 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW010498.D
Acq: 21 May 2019 20:31

Tgt Ion: 117 Resp: 68570
Ion Ratio Lower Upper
117 100
201 68.3 34.6 103.8

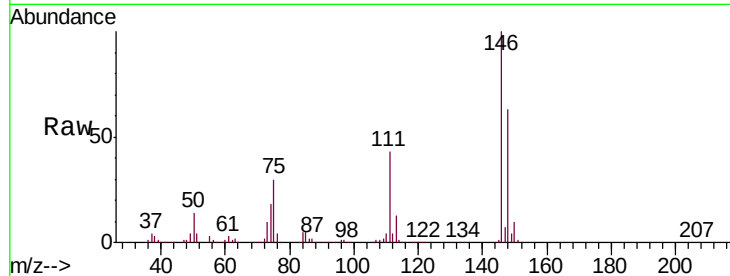




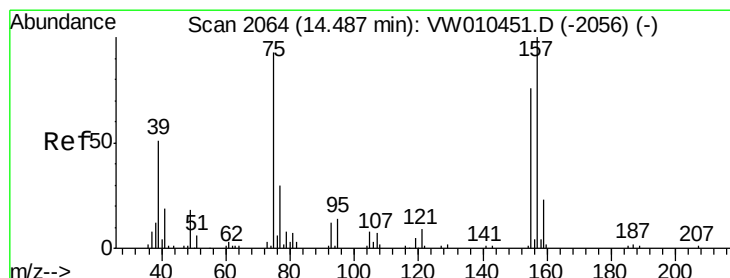
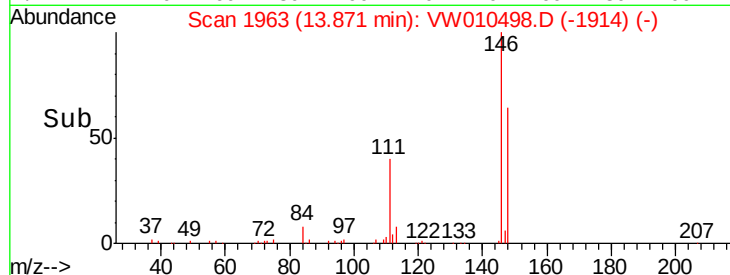
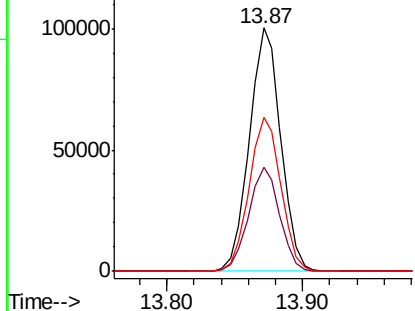
#91
 1,2-Dichlorobenzene
 Concen: 50.114 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW010498.D
 Acq: 21 May 2019 20:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:146 Resp: 162199
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.3 64.0
 148 64.2 32.0 96.0

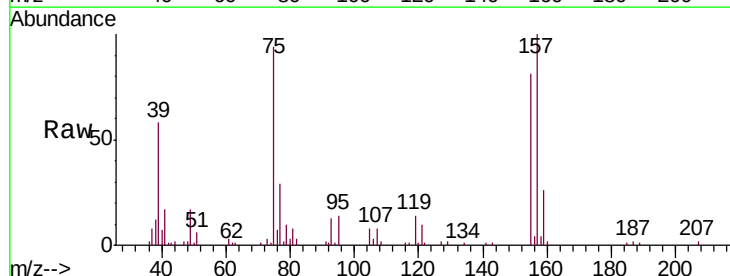


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

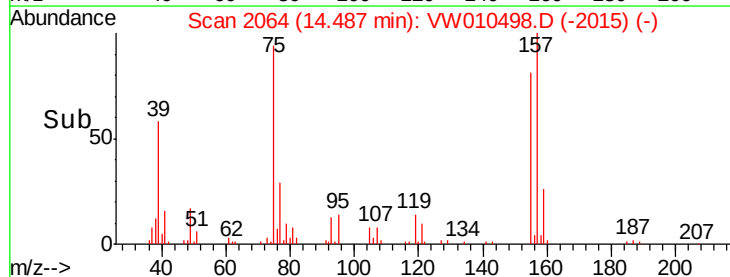
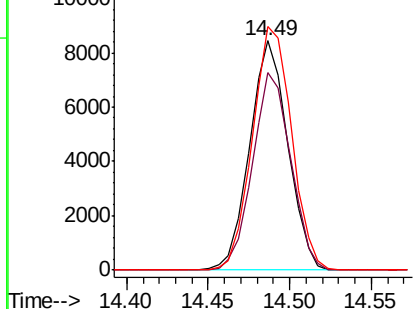


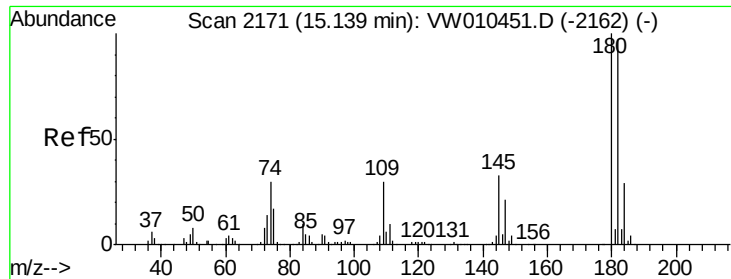
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.027 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW010498.D
 Acq: 21 May 2019 20:31

Tgt Ion: 75 Resp: 13689
 Ion Ratio Lower Upper
 75 100
 155 86.0 43.0 129.0
 157 109.2 55.7 167.1



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

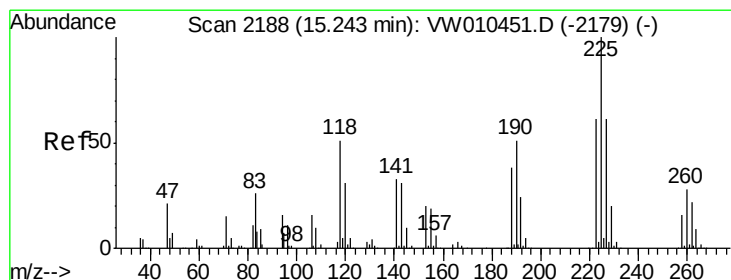
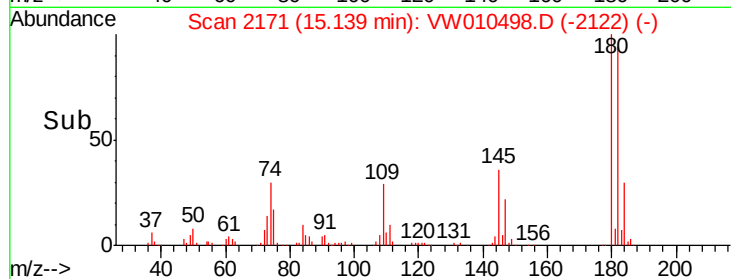
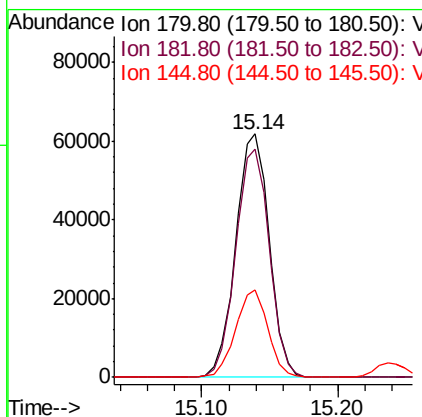
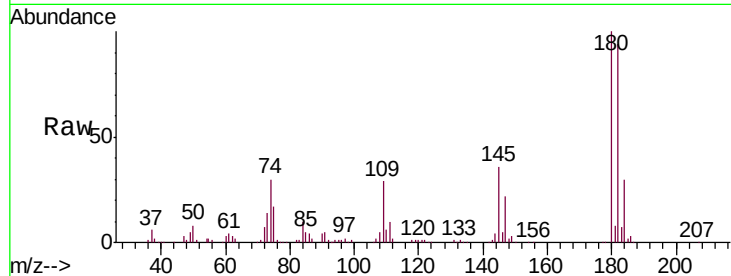




#93
 1,2,4-Trichlorobenzene
 Concen: 48.226 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010498.D
 Acq: 21 May 2019 20:31

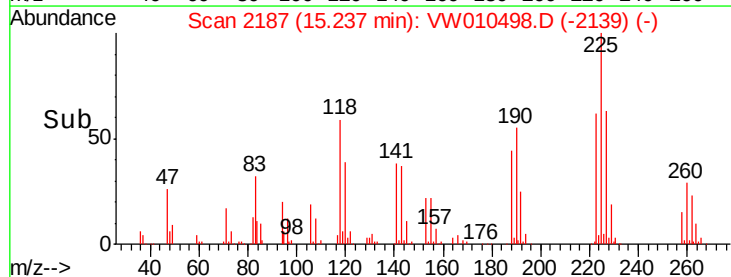
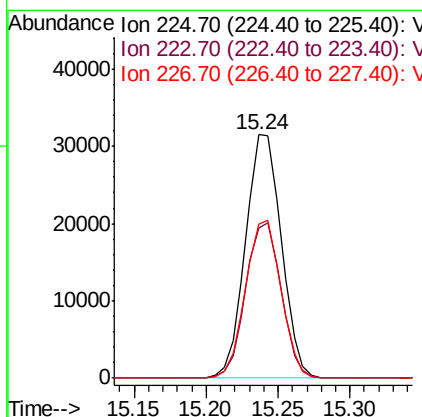
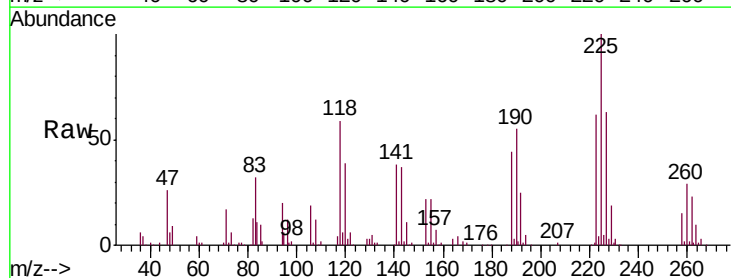
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

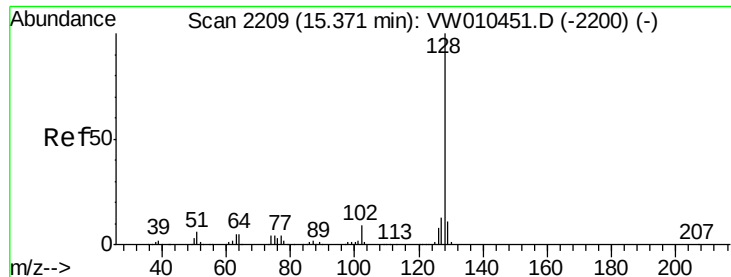
Tgt Ion:180 Resp: 106200
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.0 141.2
 145 34.6 16.7 50.0



#94
 Hexachlorobutadiene
 Concen: 46.185 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW010498.D
 Acq: 21 May 2019 20:31

Tgt Ion:225 Resp: 54333
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.1 93.2
 227 63.9 31.1 93.5

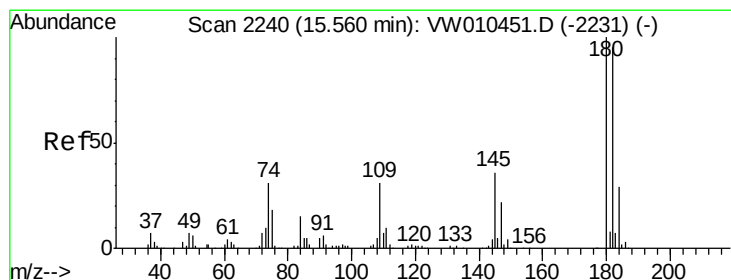
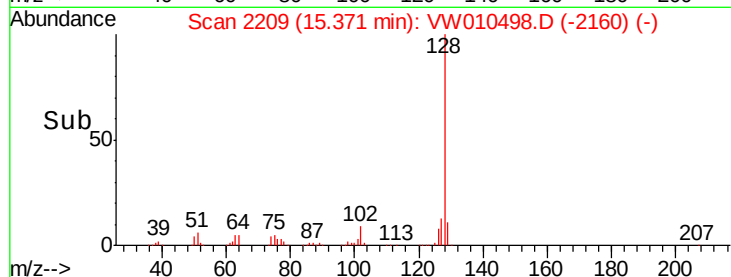
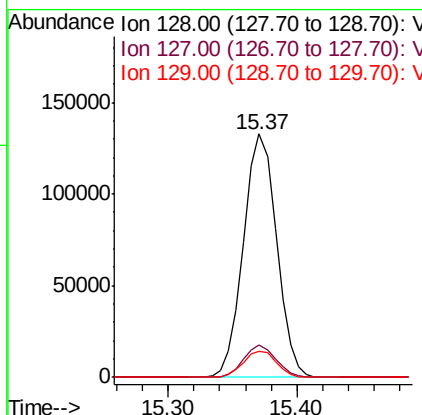
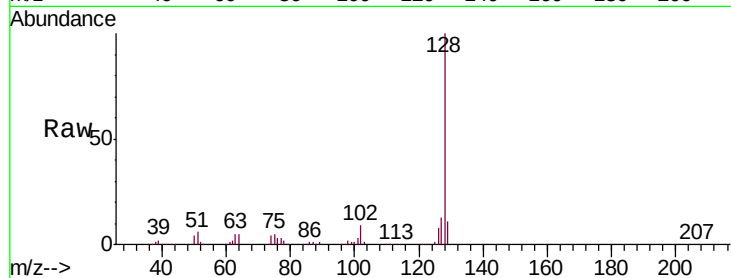




#95
Naphthalene
Concen: 51.149 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010498.D
Acq: 21 May 2019 20:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 236440
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 49.515 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010498.D
Acq: 21 May 2019 20:31

Tgt Ion:180 Resp: 93824
Ion Ratio Lower Upper
180 100
182 95.6 47.1 141.3
145 36.2 17.4 52.3

