

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070820\
 Data File : VW015802.D
 Acq On : 08 Jul 2020 11:24
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 09 04:35:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 08:28:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	208876	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	329481	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	307489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	160064	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	107783	50.11	ug/l	0.00
Spiked Amount			Recovery	=	100.22%	
35) Dibromofluoromethane	7.88	113	95177	49.51	ug/l	0.00
Spiked Amount			Recovery	=	99.02%	
50) Toluene-d8	10.33	98	375786	50.89	ug/l	0.00
Spiked Amount			Recovery	=	101.78%	
62) 4-Bromofluorobenzene	12.62	95	140625	51.90	ug/l	0.00
Spiked Amount			Recovery	=	103.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	55104	50.092	ug/l	100
3) Chloromethane	2.21	50	65897	44.109	ug/l	99
4) Vinyl Chloride	2.37	62	113585	49.242	ug/l	99
5) Bromomethane	2.78	94	87489	49.569	ug/l	99
6) Chloroethane	2.93	64	81285	52.216	ug/l	97
7) Trichlorofluoromethane	3.26	101	84988	51.267	ug/l	96
8) Diethyl Ether	3.68	74	54732	52.988	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	98489	50.753	ug/l	99
10) Methyl Iodide	4.27	142	137118	50.537	ug/l	99
11) Tert butyl alcohol	5.23	59	25039	222.449	ug/l	99
12) 1,1-Dichloroethene	4.04	96	96328	50.488	ug/l	98
13) Acrolein	3.90	56	33322	223.322	ug/l	98
14) Allyl chloride	4.67	41	157023	50.635	ug/l	100
15) Acrylonitrile	5.38	53	99575	246.565	ug/l	99
16) Acetone	4.14	43	103959	258.313	ug/l	96
17) Carbon Disulfide	4.38	76	285342	50.274	ug/l	100
18) Methyl Acetate	4.68	43	43968	48.006	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	146339	51.247	ug/l	96
20) Methylene Chloride	4.92	84	108394	52.676	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	110962	50.211	ug/l	97
22) Diisopropyl ether	6.31	45	322751	51.647	ug/l	96
23) Vinyl Acetate	6.26	43	962557	258.963	ug/l	100
24) 1,1-Dichloroethane	6.22	63	199294	50.370	ug/l	100
25) 2-Butanone	7.18	43	135635	248.285	ug/l	98
26) 2,2-Dichloropropane	7.17	77	124014	49.962	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	120248	50.675	ug/l	99
28) Bromochloromethane	7.51	49	75063	47.856	ug/l	98
29) Tetrahydrofuran	7.54	42	82317	248.313	ug/l	98
30) Chloroform	7.68	83	203870	50.406	ug/l	99
31) Cyclohexane	7.95	56	181534	48.751	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	172640	50.905	ug/l	99
36) 1,1-Dichloropropene	8.08	75	167382	51.535	ug/l	100
37) Ethyl Acetate	7.26	43	59820	47.400	ug/l	98
38) Carbon Tetrachloride	8.07	117	160817	51.170	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	201422	52.556	ug/l	99
40) Benzene	8.32	78	453489	50.972	ug/l	99
41) Methacrylonitrile	7.49	41	38155	53.254	ug/l	95
42) 1,2-Dichloroethane	8.40	62	142421	51.434	ug/l	100
43) Isopropyl Acetate	8.43	43	122790	49.846	ug/l	100
44) Trichloroethene	9.09	130	119512	50.786	ug/l	91
45) 1,2-Dichloropropane	9.37	63	111718	51.086	ug/l	100
46) Dibromomethane	9.46	93	57021	50.646	ug/l	99
47) Bromodichloromethane	9.65	83	150889	51.815	ug/l	98
48) Methyl methacrylate	9.44	41	57382	50.828	ug/l	98
49) 1,4-Dioxane	9.48	88	13630	979.213	ug/l #	80
51) 4-Methyl-2-Pentanone	10.21	43	304161	253.032	ug/l	100
52) Toluene	10.39	92	297734	52.003	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	147100	52.646	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	174333	52.159	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	79000	50.603	ug/l	97
56) Ethyl methacrylate	10.65	69	101141	52.696	ug/l	99
57) 1,3-Dichloropropane	10.93	76	140326	50.776	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	247392	263.795	ug/l	99
59) 2-Hexanone	10.97	43	209380	261.006	ug/l	99
60) Dibromochloromethane	11.13	129	95440	52.934	ug/l	97
61) 1,2-Dibromoethane	11.24	107	75635	50.633	ug/l	96
64) Tetrachloroethene	10.87	164	100266	51.526	ug/l	94
65) Chlorobenzene	11.66	112	306812	51.022	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	110747	52.043	ug/l	99
67) Ethyl Benzene	11.73	91	586125	52.634	ug/l	96
68) m/p-Xylenes	11.84	106	441189	105.468	ug/l	100
69) o-Xylene	12.17	106	200142	52.415	ug/l	97
70) Styrene	12.18	104	356308	54.232	ug/l	100
71) Bromoform	12.35	173	50727	52.226	ug/l #	98
73) Isopropylbenzene	12.47	105	571762	50.704	ug/l	98
74) N-amyl acetate	12.27	43	120196	49.822	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	90648	48.380	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	118912	84.530	ug/l	31
77) Bromobenzene	12.75	156	125496	49.633	ug/l	97
78) n-propylbenzene	12.80	91	700299	51.165	ug/l	100
79) 2-Chlorotoluene	12.90	91	390173	49.988	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	490600	51.046	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	27338	44.508	ug/l	97
82) 4-Chlorotoluene	12.99	91	411796	50.522	ug/l	100
83) tert-Butylbenzene	13.21	119	409655	51.342	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	495407	51.616	ug/l	99
85) sec-Butylbenzene	13.38	105	600093	52.077	ug/l	99
86) p-Isopropyltoluene	13.50	119	541829	51.493	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	252341	49.787	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	249309	50.246	ug/l	100
89) n-Butylbenzene	13.82	91	520687	51.709	ug/l	99
90) Hexachloroethane	14.10	117	97832	51.295	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	213452	48.610	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14516	48.488	ug/l	99

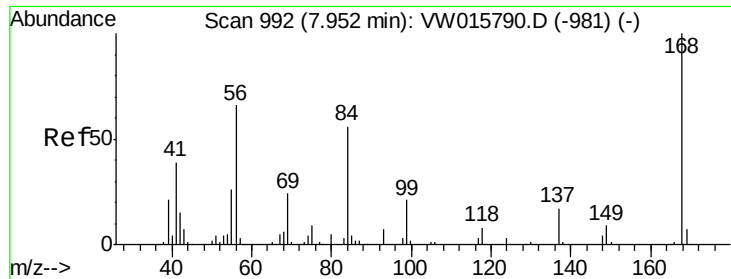
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	139569	50.415	ug/l	99
94) Hexachlorobutadiene	15.24	225	84513	48.082	ug/l	97
95) Naphthalene	15.37	128	241092	46.814	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	116685	49.534	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

Instrument :

MSVOA_W

ClientSampleId :

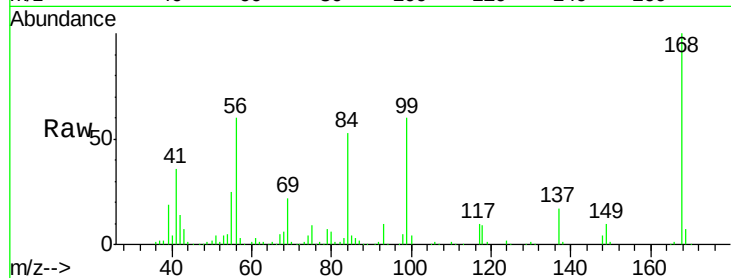
VSTDCCC050

Tot Ion:168 Resp: 208876

Ion Ratio Lower Upper

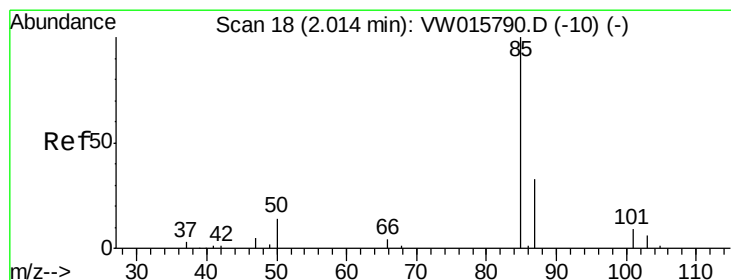
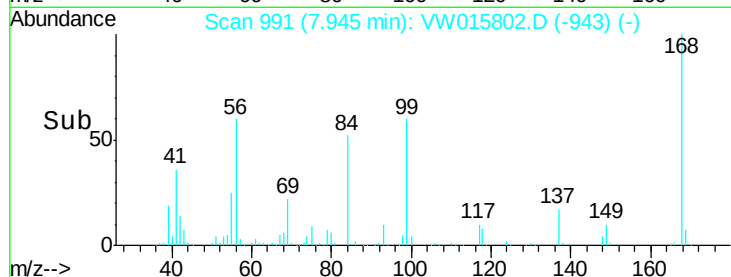
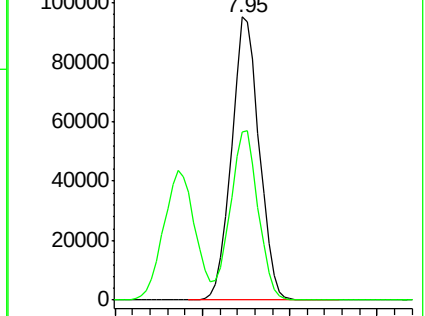
168 100

99 59.5 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 50.092 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW015802.D

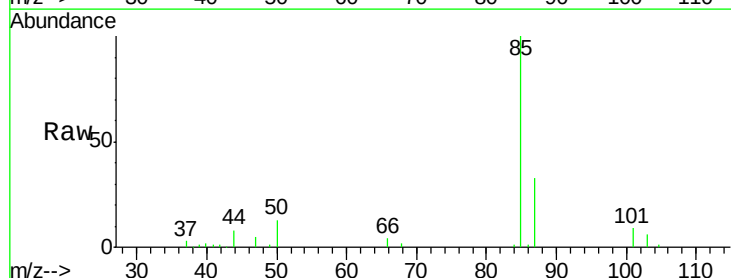
Acq: 08 Jul 2020 11:24

Tgt Ion: 85 Resp: 55104

Ion Ratio Lower Upper

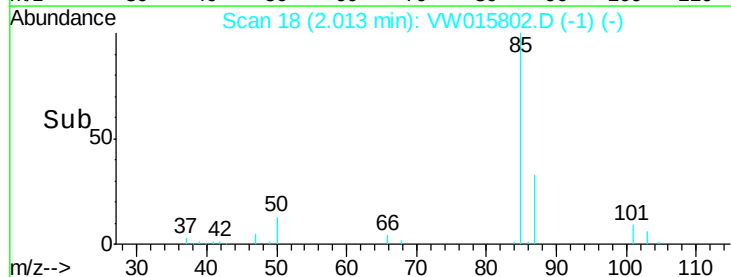
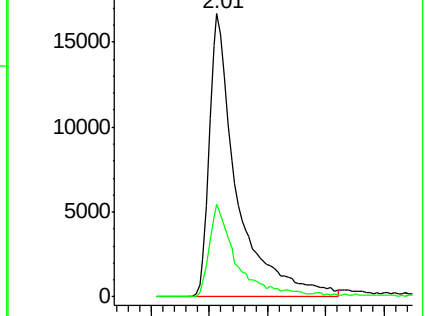
85 100

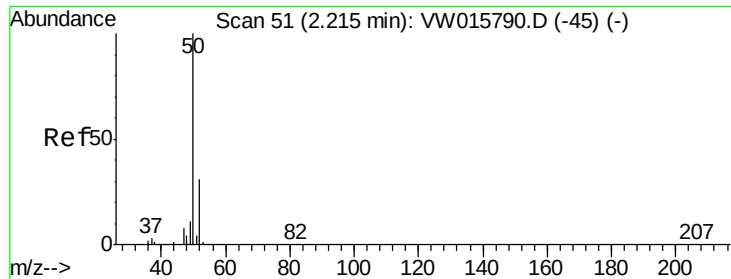
87 32.8 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 44.109 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

Instrument :

MSVOA_W

ClientSampleId :

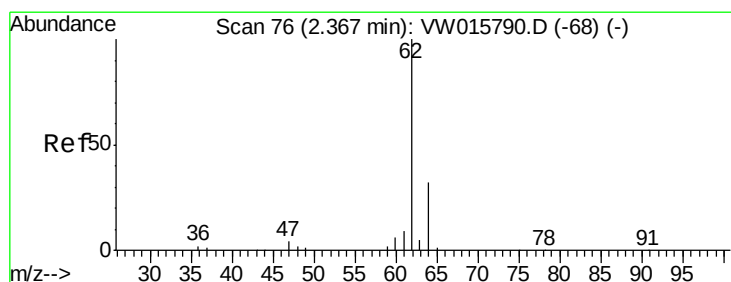
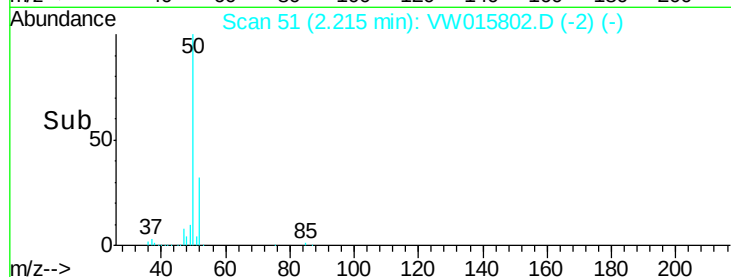
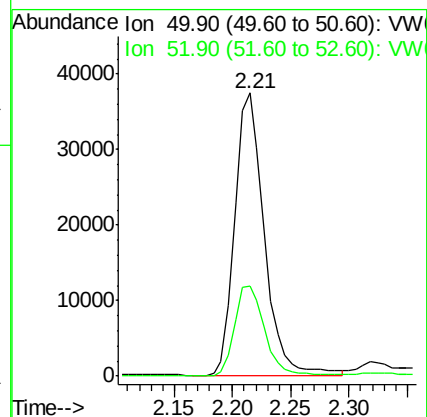
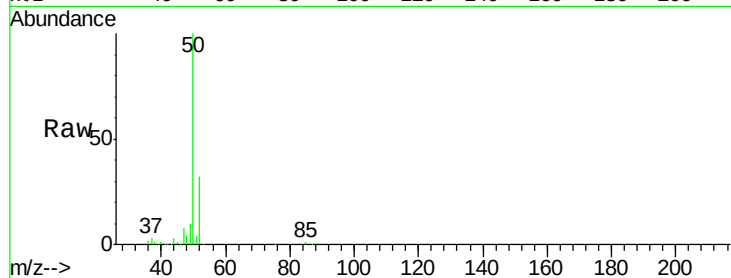
VSTDCCC050

Tot Ion: 50 Resp: 65897

Ion Ratio Lower Upper

50 100

52 31.9 25.2 37.8



#4

Vinyl Chloride

Concen: 49.242 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW015802.D

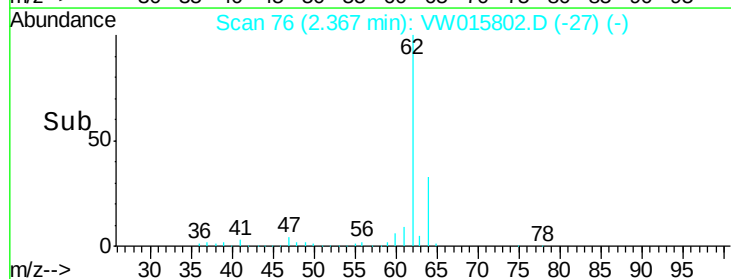
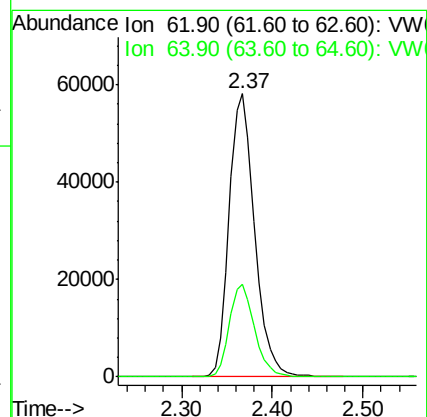
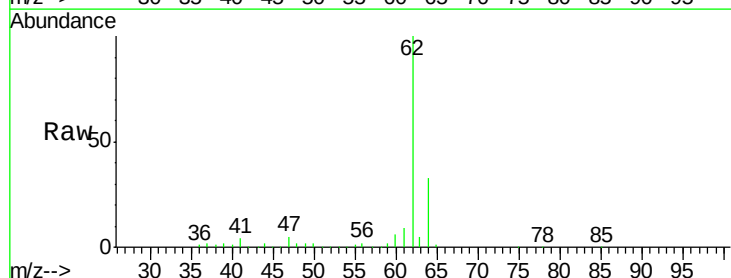
Acq: 08 Jul 2020 11:24

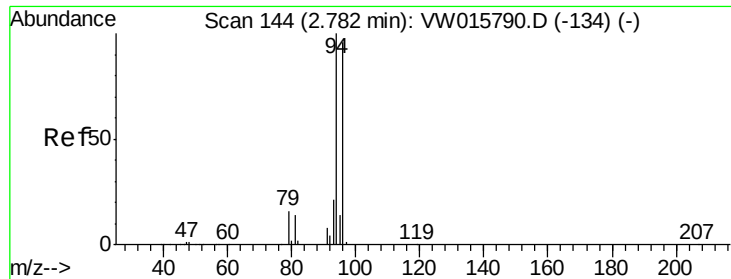
Tgt Ion: 62 Resp: 113585

Ion Ratio Lower Upper

62 100

64 32.9 25.8 38.8

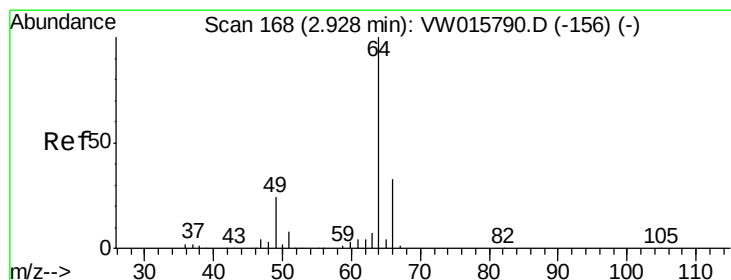
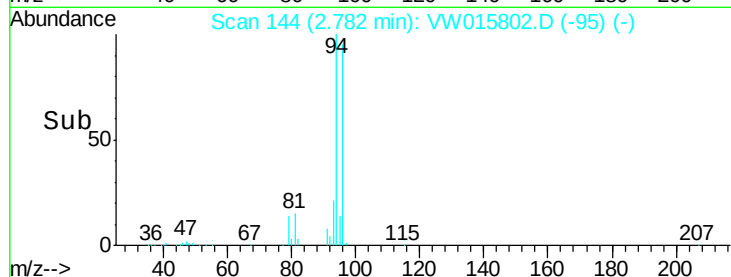
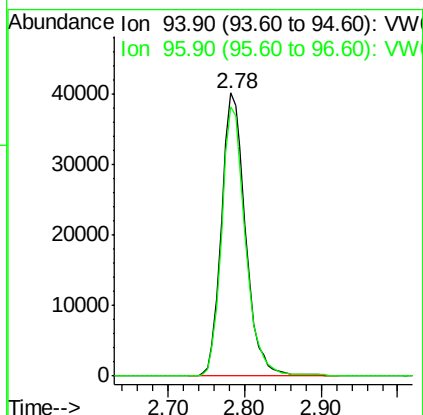
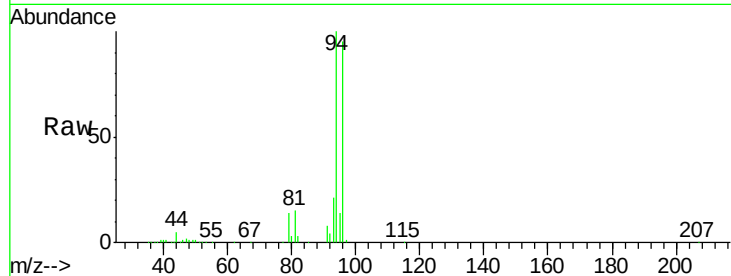




#5
Bromomethane
Concen: 49.569 ug/l
RT: 2.78 min Scan# 144
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

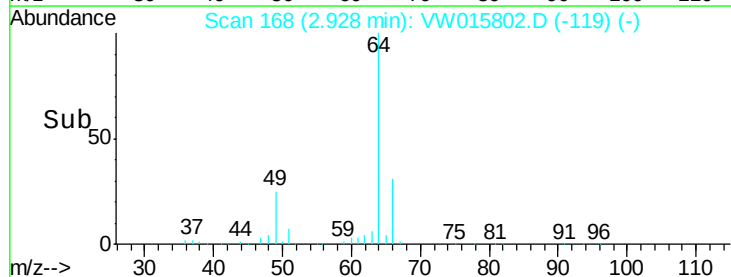
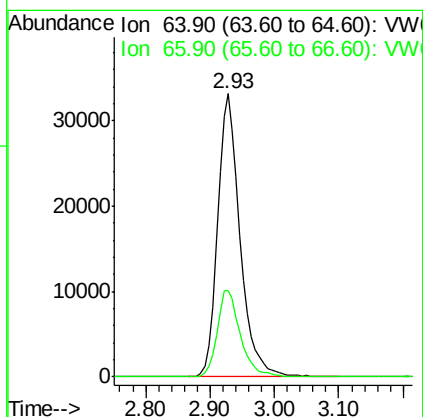
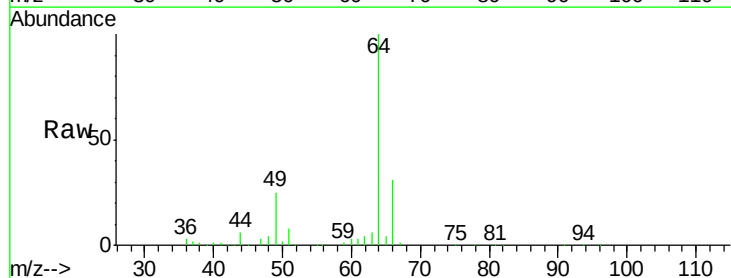
Instrument :
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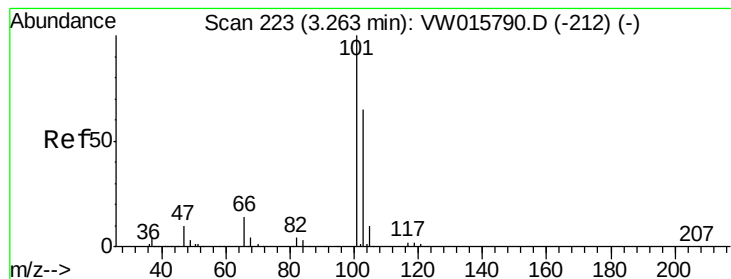
Tot Ion: 94 Resp: 87489
Ion Ratio Lower Upper
94 100
96 95.2 76.7 115.1



#6
Chloroethane
Concen: 52.216 ug/l
RT: 2.93 min Scan# 168
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Tgt Ion: 64 Resp: 81285
Ion Ratio Lower Upper
64 100
66 30.6 26.0 39.0



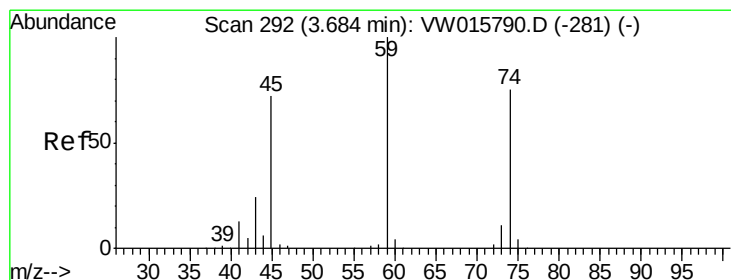
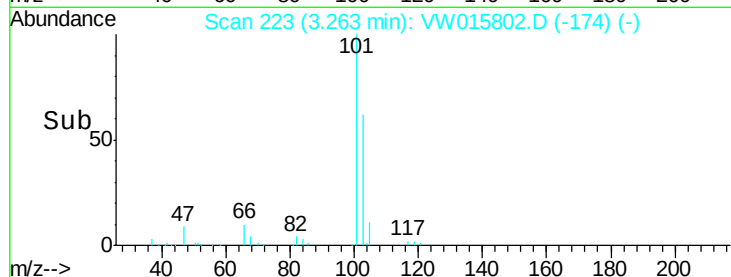
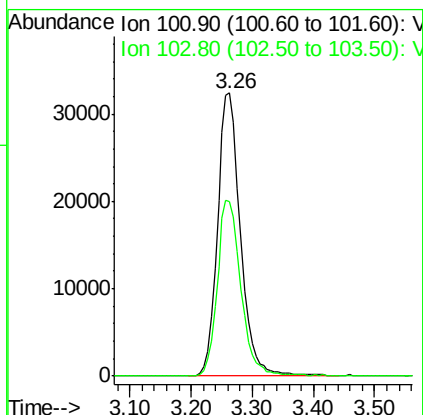
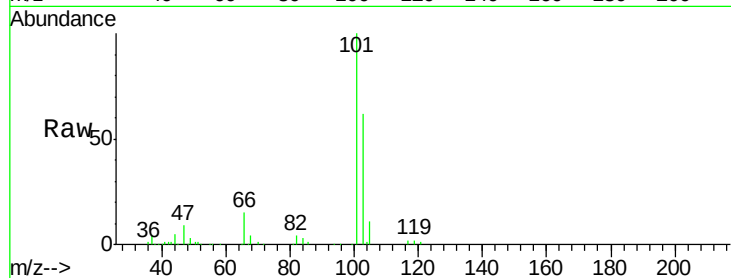


#7

Trichlorofluoromethane
 Concen: 51.267 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW015802.D
 Acq: 08 Jul 2020 11:24

Instrument :
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 ClientSampleId :
 VSTDCCC050

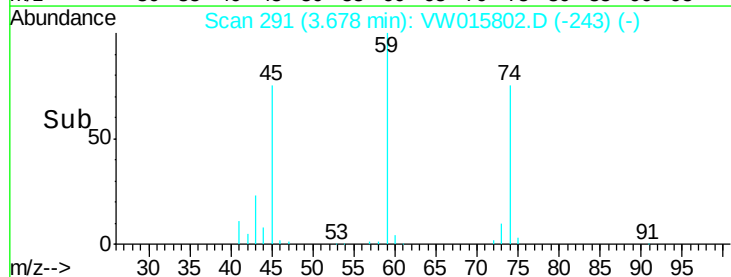
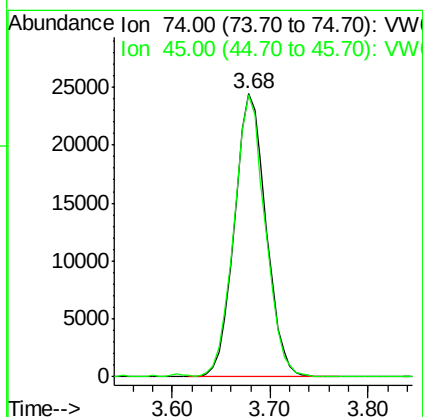
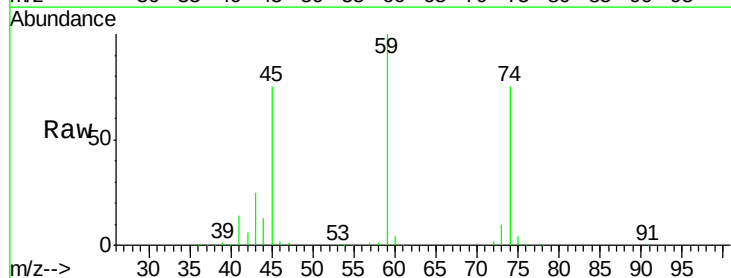
Tot Ion:101 Resp: 84988
 Ion Ratio Lower Upper
 101 100
 103 61.8 52.2 78.4

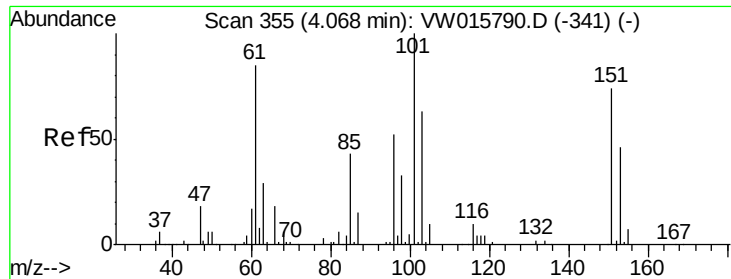


#8

Diethyl Ether
 Concen: 52.988 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW015802.D
 Acq: 08 Jul 2020 11:24

Tgt Ion: 74 Resp: 54732
 Ion Ratio Lower Upper
 74 100
 45 98.9 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.753 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

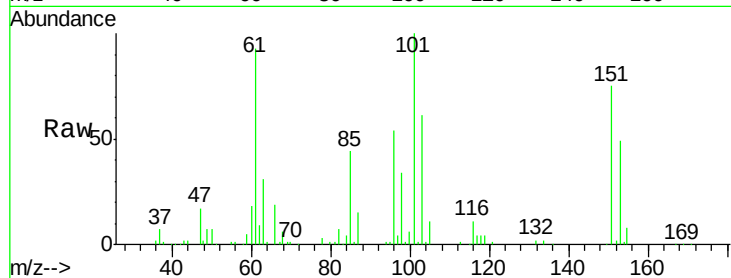
Tot Ion:101 Resp: 98489

Ion Ratio Lower Upper

101 100

85 45.1 36.1 54.1

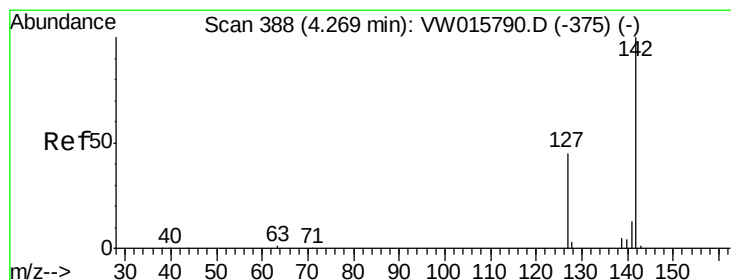
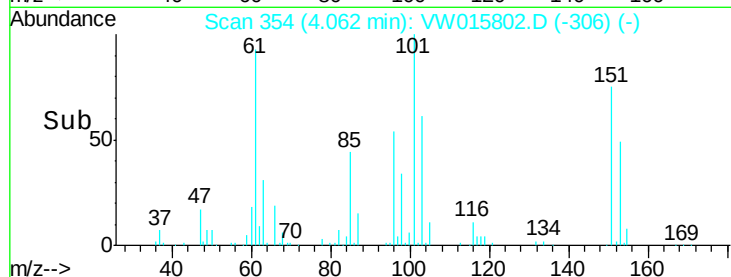
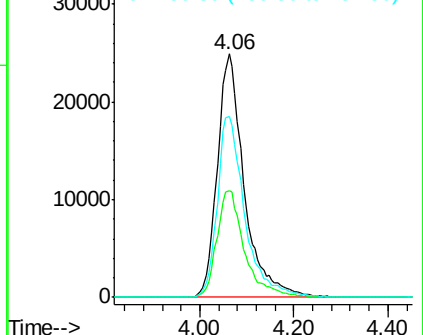
151 76.1 60.3 90.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.537 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

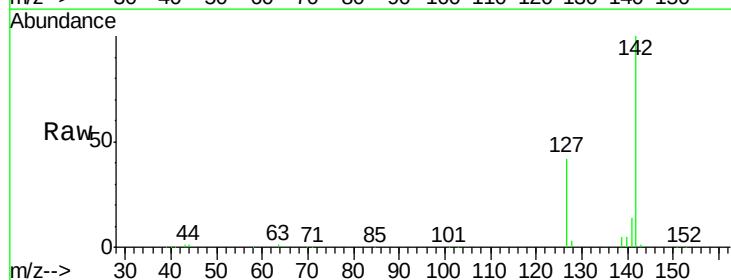
Tgt Ion:142 Resp: 137118

Ion Ratio Lower Upper

142 100

127 45.5 36.1 54.1

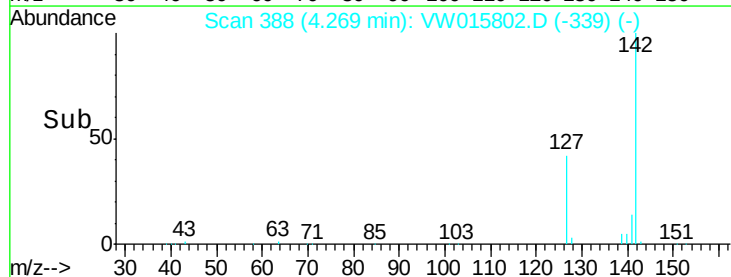
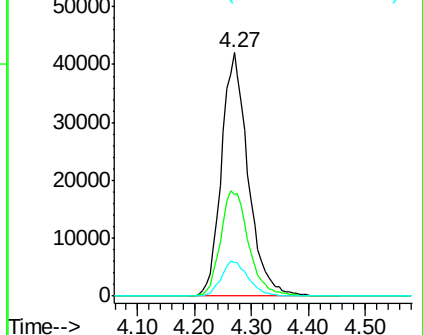
141 14.5 11.7 17.5

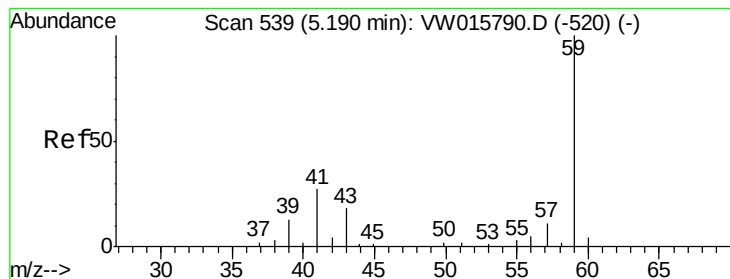


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



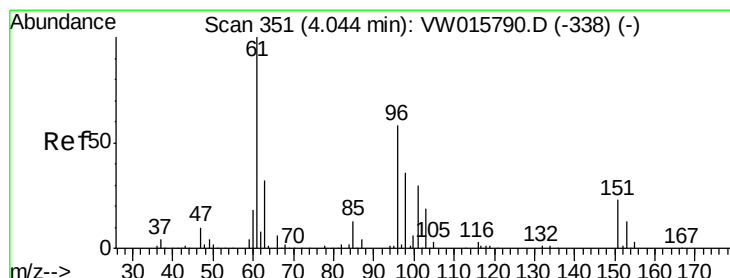
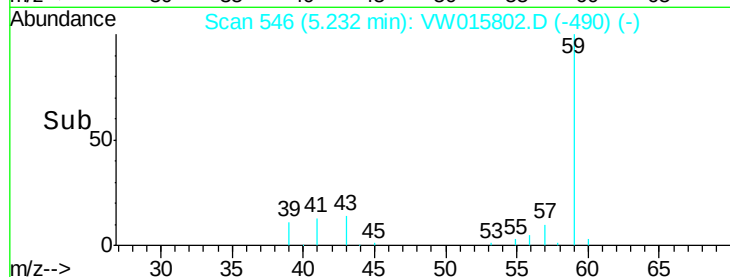
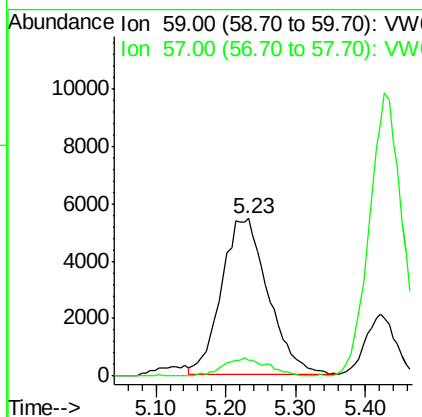
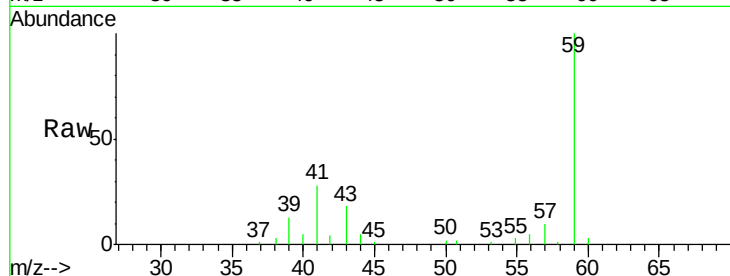


#11

Tert butyl alcohol
 Concen: 222.449 ug/l
 RT: 5.23 min Scan# 546
 Delta R.T. 0.04 min
 Lab File: VW015802.D
 Acq: 08 Jul 2020 11:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

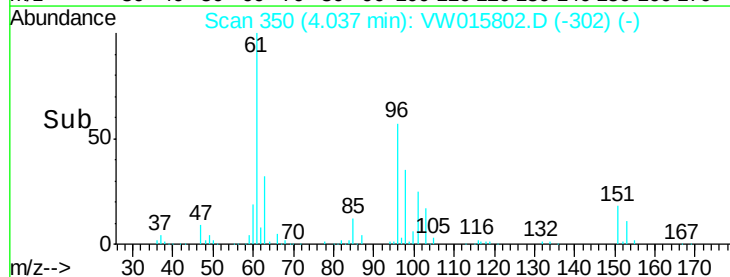
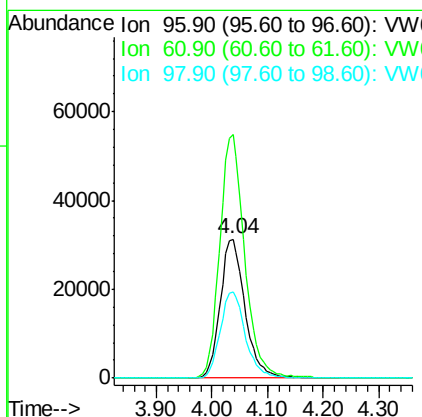
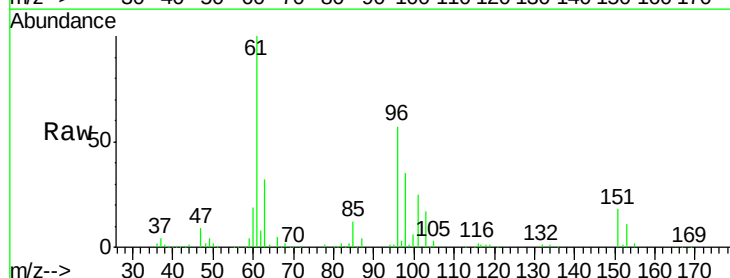
Tot Ion: 59 Resp: 25039
 Ion Ratio Lower Upper
 59 100
 57 11.3 8.7 13.1

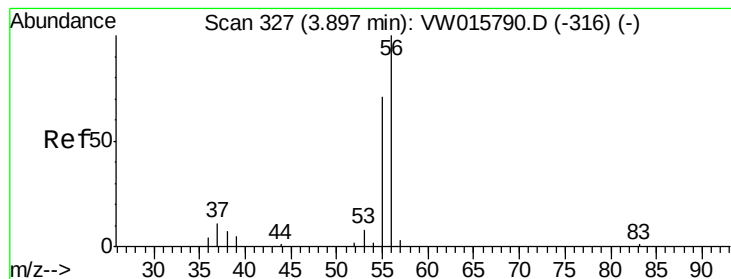


#12

1,1-Dichloroethene
 Concen: 50.488 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW015802.D
 Acq: 08 Jul 2020 11:24

Tgt Ion: 96 Resp: 96328
 Ion Ratio Lower Upper
 96 100
 61 175.1 137.0 205.4
 98 61.9 49.3 73.9





#13

Acrolein

Concen: 223.322 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

Instrument :

MSVOA_W

ClientSampleId :

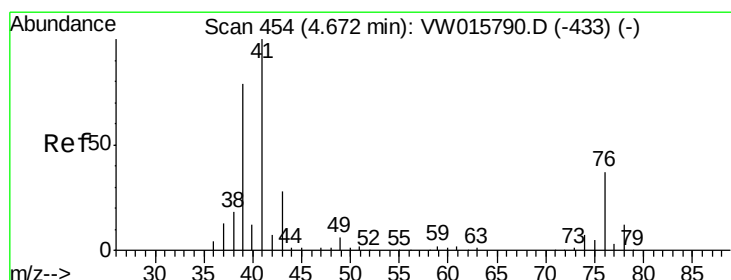
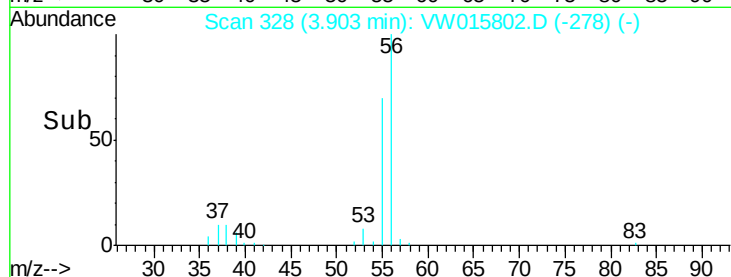
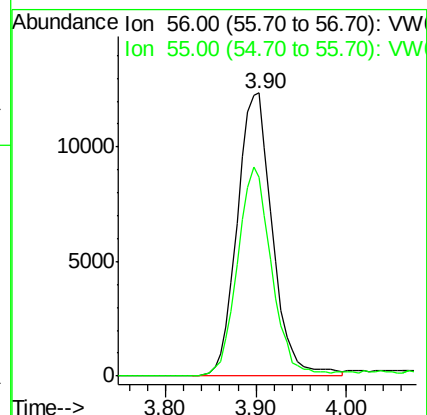
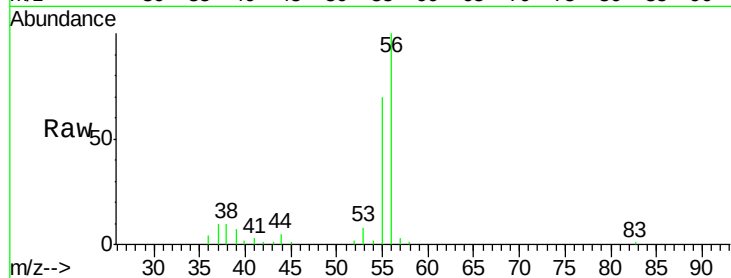
VSTDCCC050

Tot Ion: 56 Resp: 33322

Ion Ratio Lower Upper

56 100

55 71.3 55.8 83.6



#14

Allyl chloride

Concen: 50.635 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

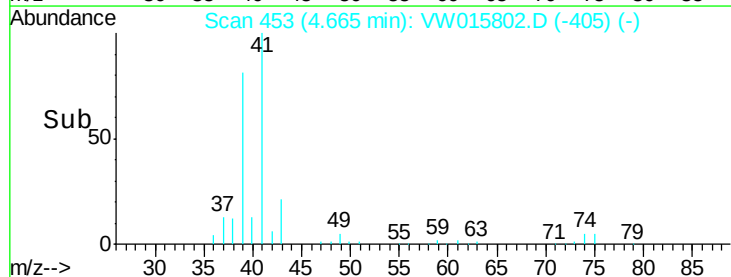
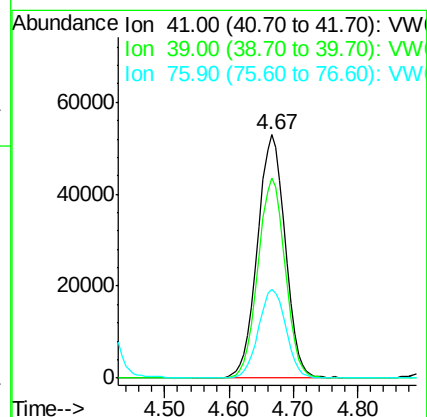
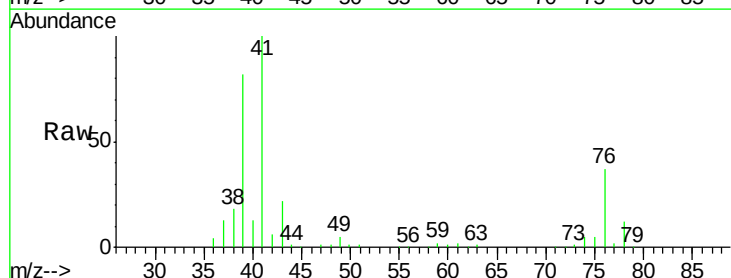
Tgt Ion: 41 Resp: 157023

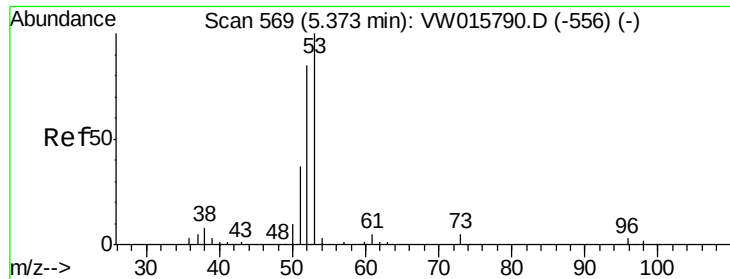
Ion Ratio Lower Upper

41 100

39 80.3 64.0 96.0

76 35.9 28.9 43.3





#15

Acrylonitrile

Concen: 246.565 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

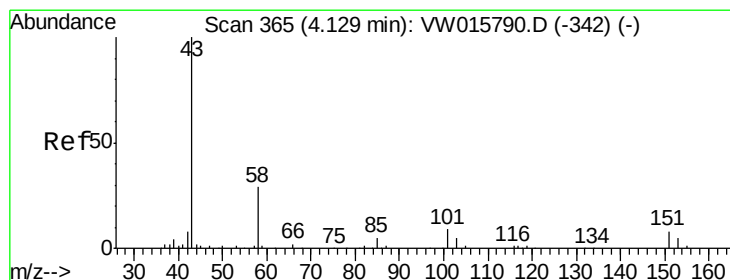
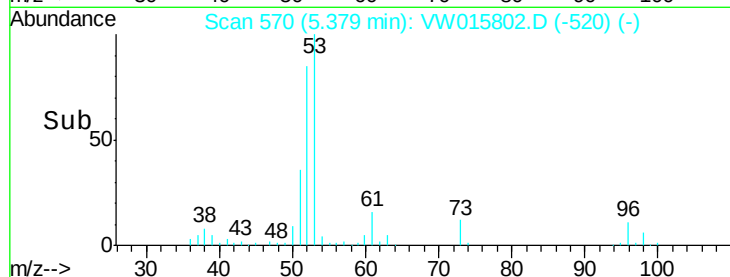
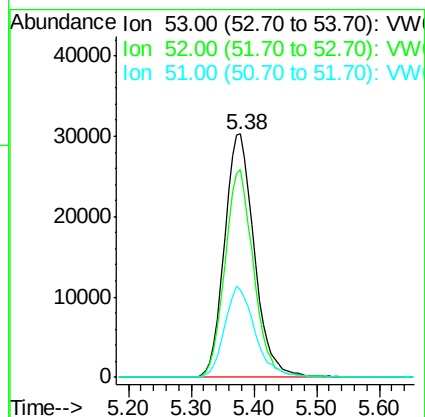
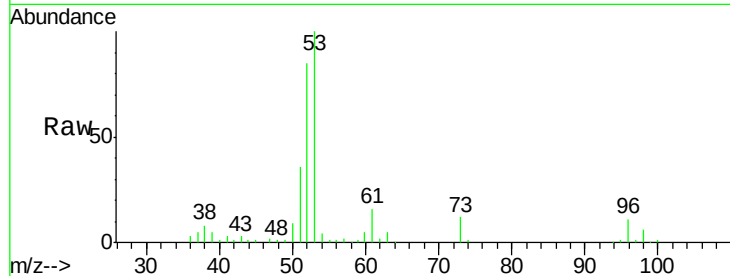
Tot Ion: 53 Resp: 99575

Ion Ratio Lower Upper

53 100

52 82.0 65.8 98.8

51 38.3 30.2 45.2



#16

Acetone

Concen: 258.313 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW015802.D

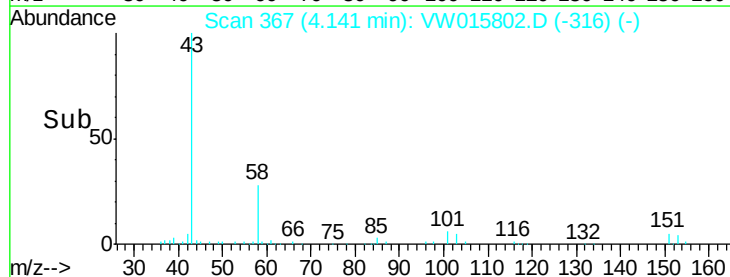
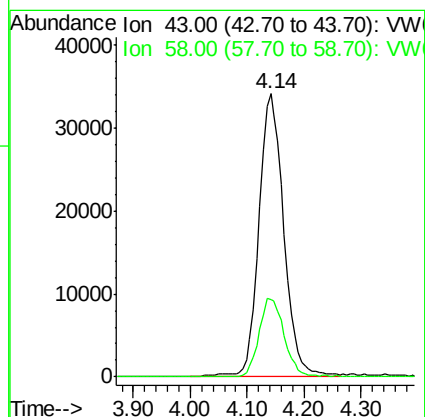
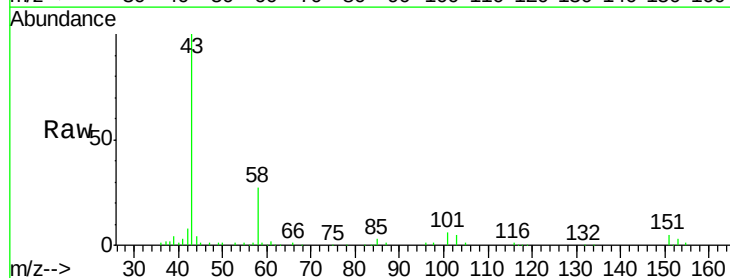
Acq: 08 Jul 2020 11:24

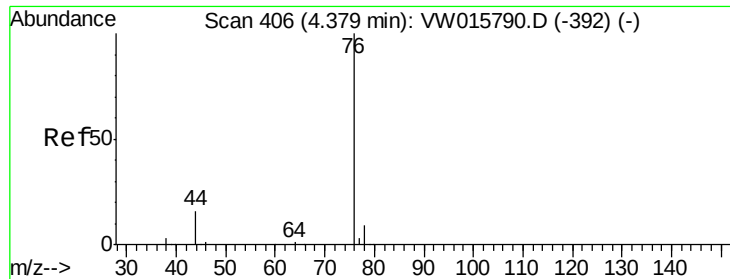
Tgt Ion: 43 Resp: 103959

Ion Ratio Lower Upper

43 100

58 27.4 23.5 35.3

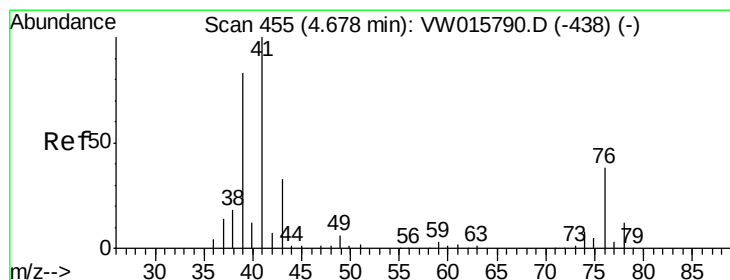
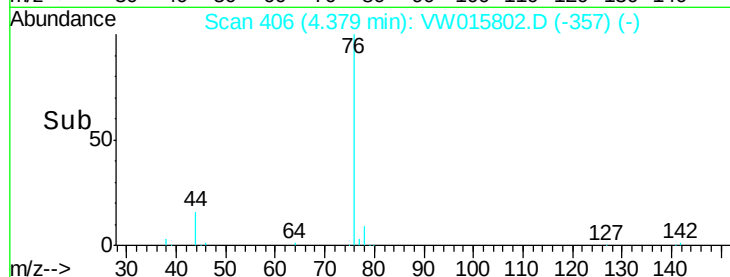
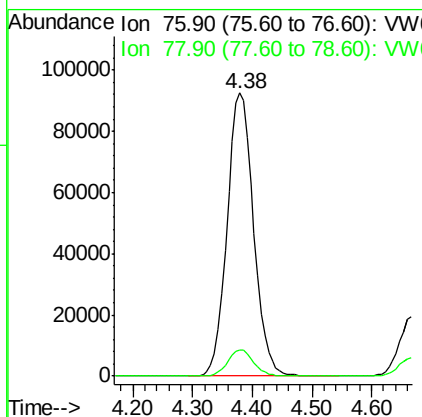
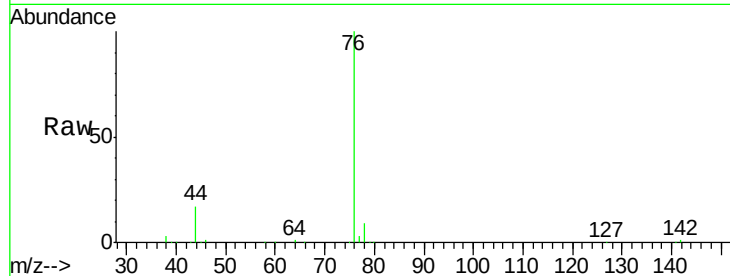




#17
Carbon Disulfide
Concen: 50.274 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

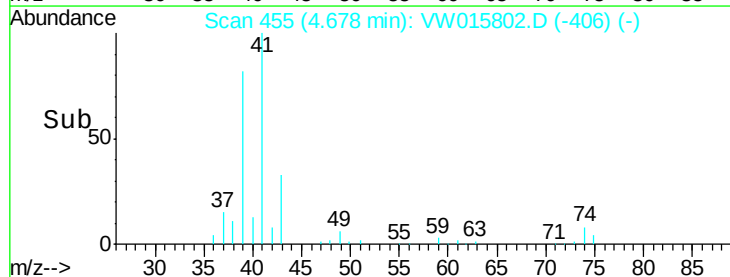
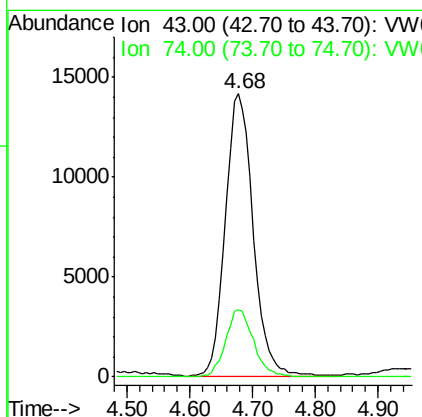
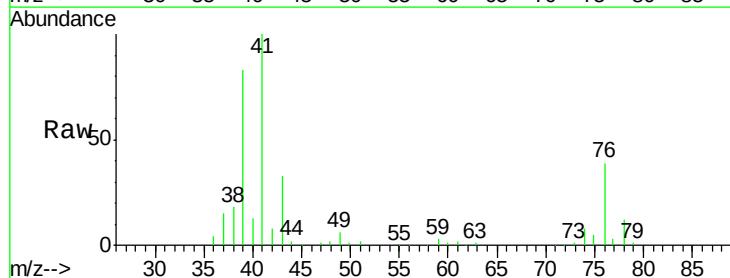
Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

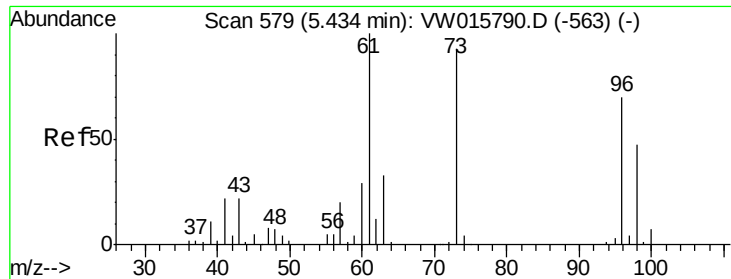
Tot Ion: 76 Resp: 285342
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 48.006 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Tgt Ion: 43 Resp: 43968
Ion Ratio Lower Upper
43 100
74 23.5 19.2 28.8

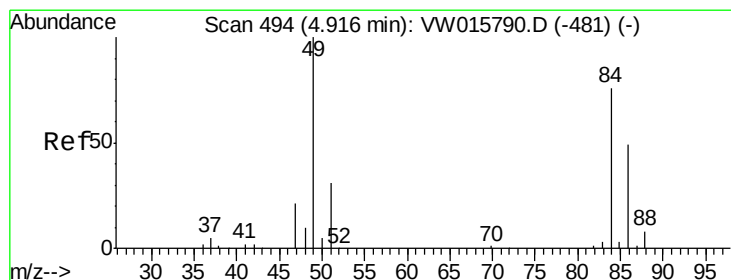
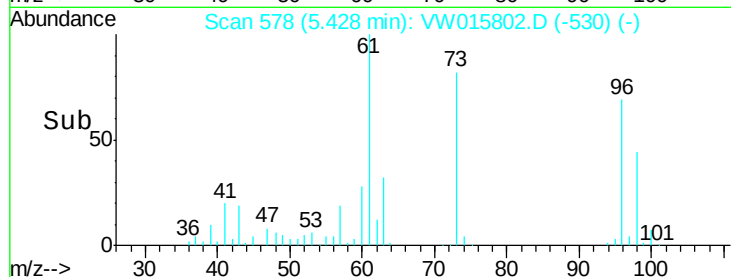
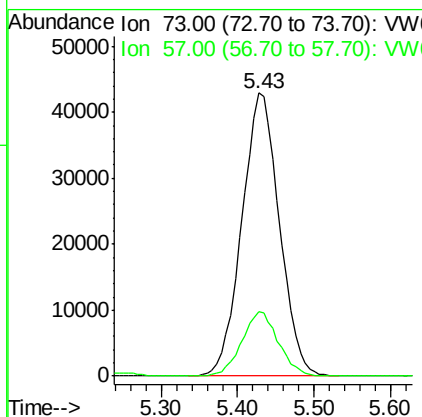
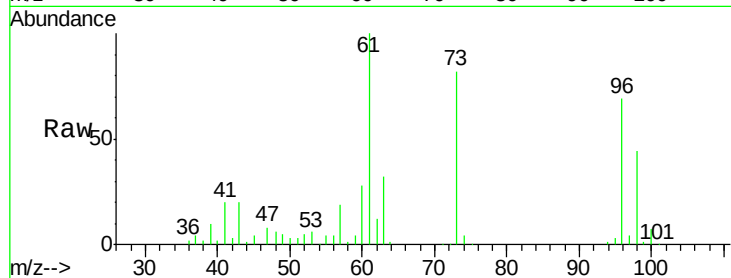




#19
Methyl tert-butyl Ether
Concen: 51.247 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

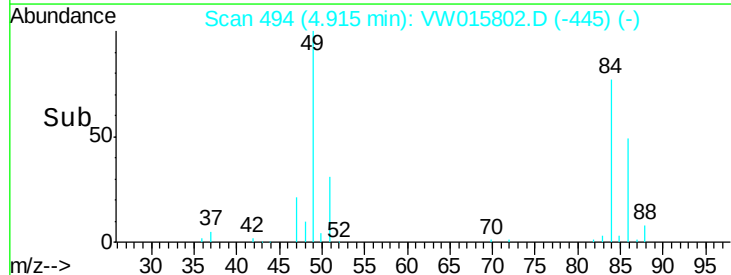
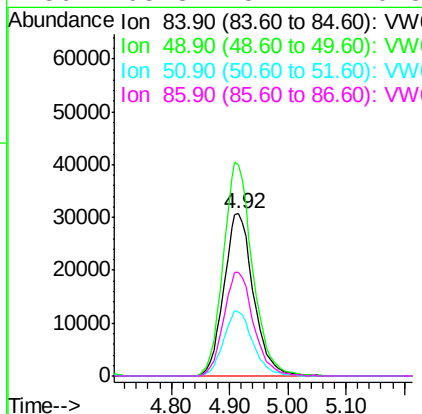
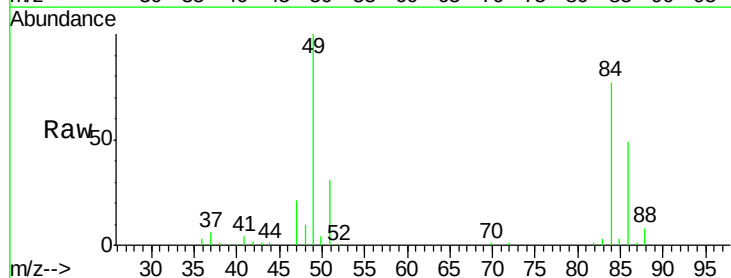
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

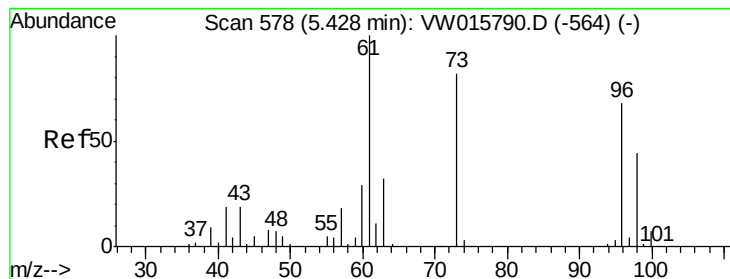
Tot Ion: 73 Resp: 146339
Ion Ratio Lower Upper
73 100
57 23.0 16.8 25.2



#20
Methylene Chloride
Concen: 52.676 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Tgt Ion: 84 Resp: 108394
Ion Ratio Lower Upper
84 100
49 130.0 105.0 157.6
51 39.8 32.3 48.5
86 63.8 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 50.211 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

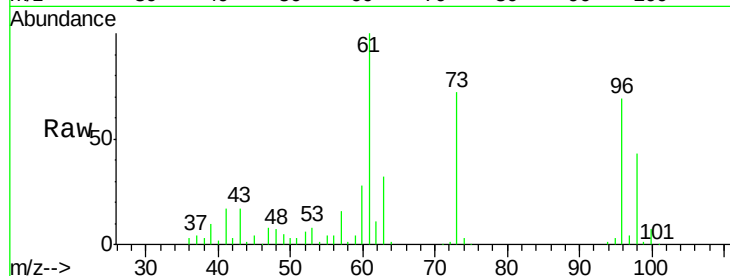
Tot Ion: 96 Resp: 110962

Ion Ratio Lower Upper

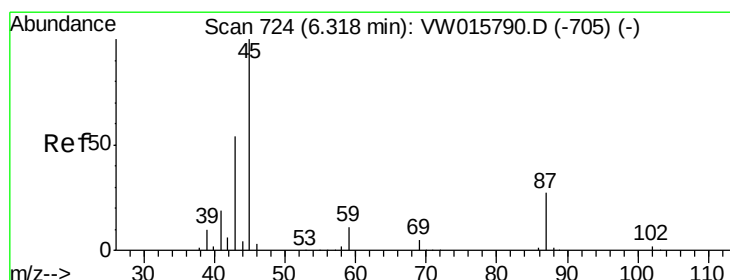
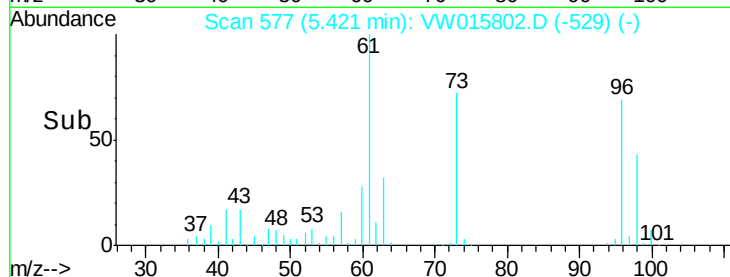
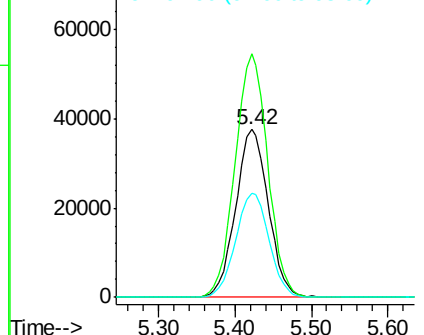
96 100

61 145.1 118.1 177.1

98 62.3 52.6 78.8



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: 51.647 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

Tgt Ion: 45 Resp: 322751

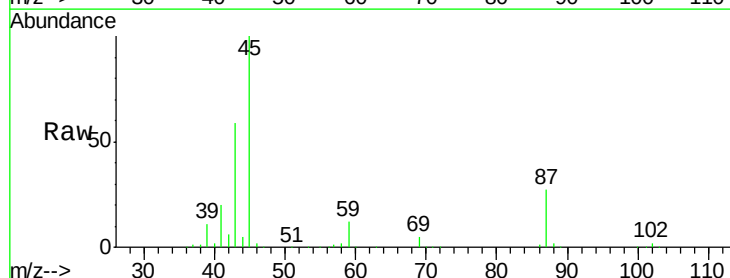
Ion Ratio Lower Upper

45 100

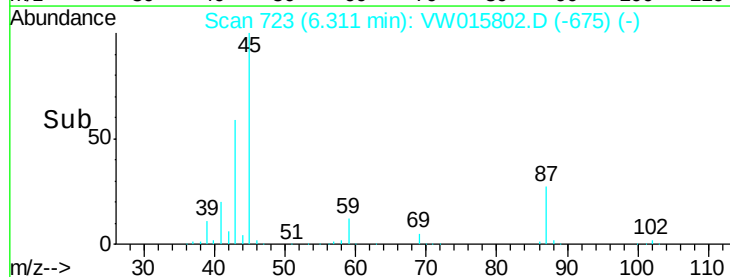
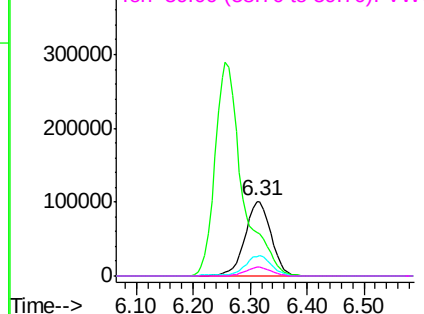
43 59.0 43.8 65.6

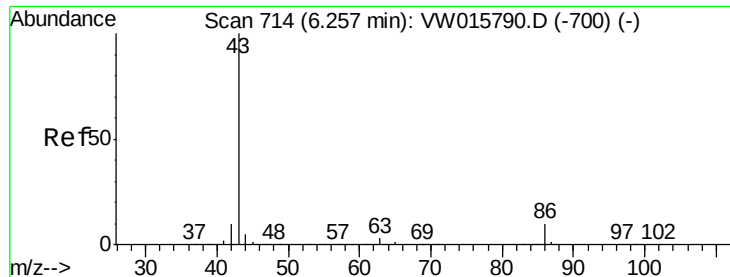
87 26.5 22.1 33.1

59 12.0 8.9 13.3



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: 258.963 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

Instrument :

MSVOA_W

ClientSampleId :

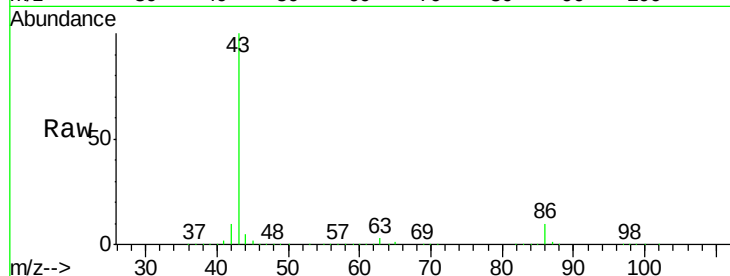
VSTDCCC050

Tot Ion: 43 Resp: 962557

Ion Ratio Lower Upper

43 100

86 10.4 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

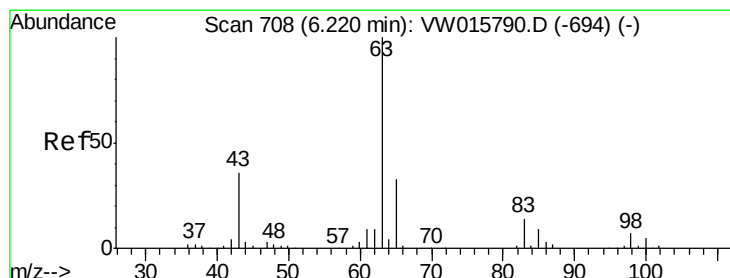
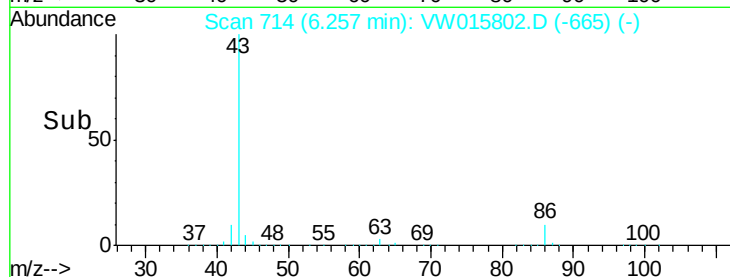
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.370 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

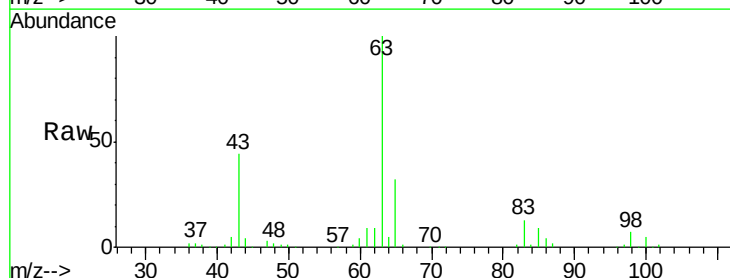
Tgt Ion: 63 Resp: 199294

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.2

100 4.5 2.4 7.1



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

6.22

80000

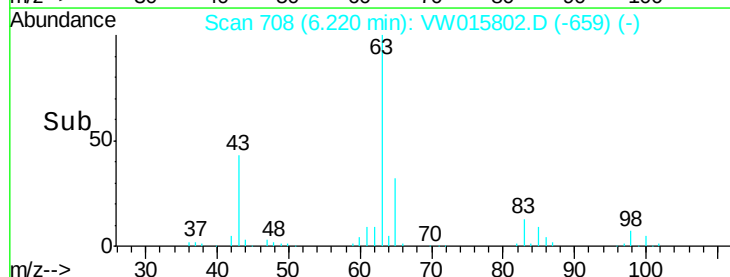
60000

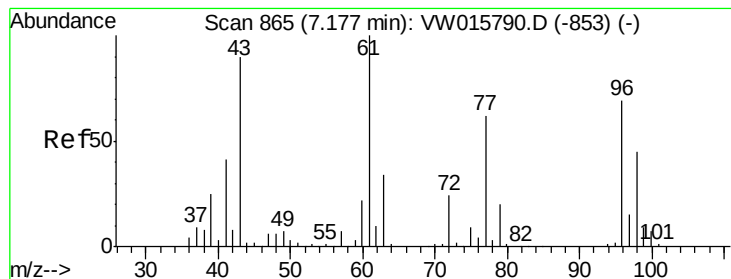
40000

20000

0

Time-->





#25

2-Butanone

Concen: 248.285 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

Instrument :

MSVOA_W

ClientSampled :

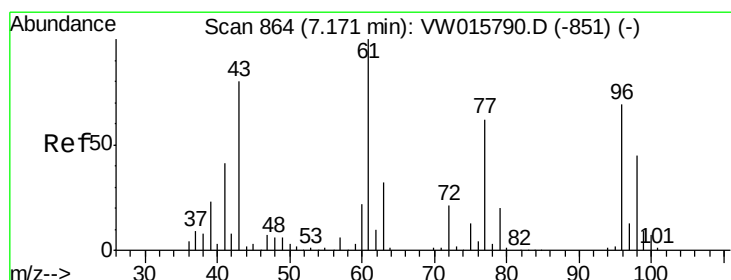
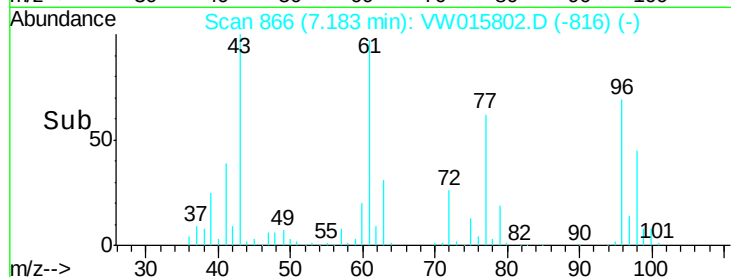
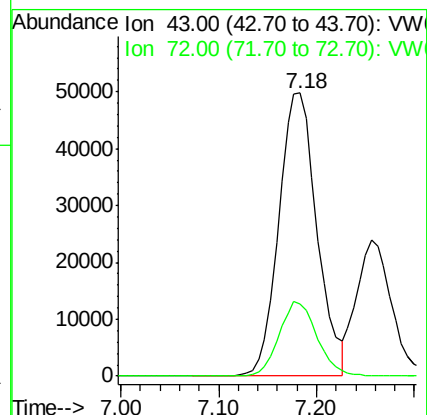
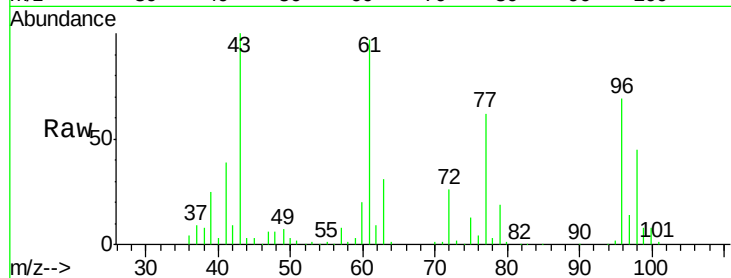
VSTDCCC050

Tot Ion: 43 Resp: 135635

Ion Ratio Lower Upper

43 100

72 25.5 21.3 31.9



#26

2,2-Dichloropropane

Concen: 49.962 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW015802.D

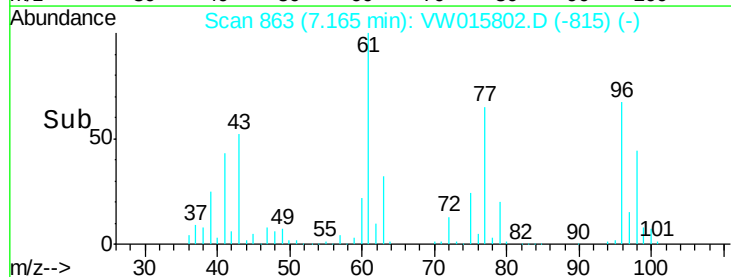
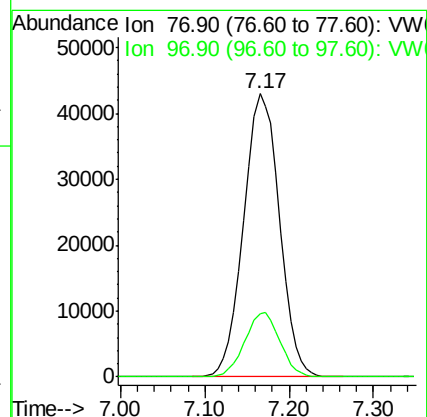
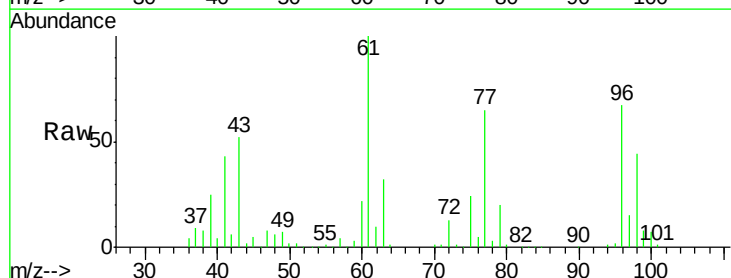
Acq: 08 Jul 2020 11:24

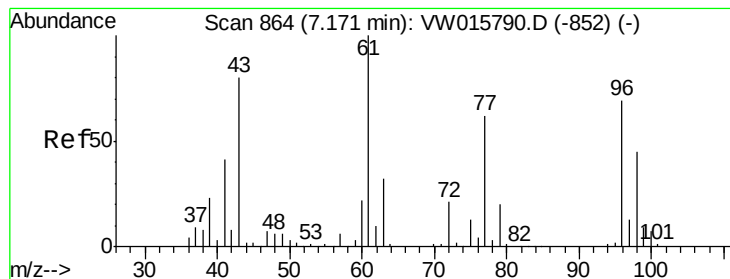
Tgt Ion: 77 Resp: 124014

Ion Ratio Lower Upper

77 100

97 22.2 11.0 33.0



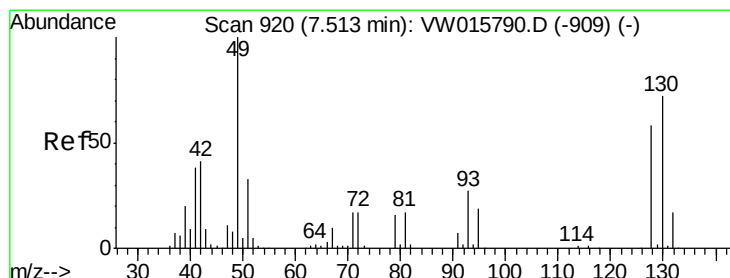
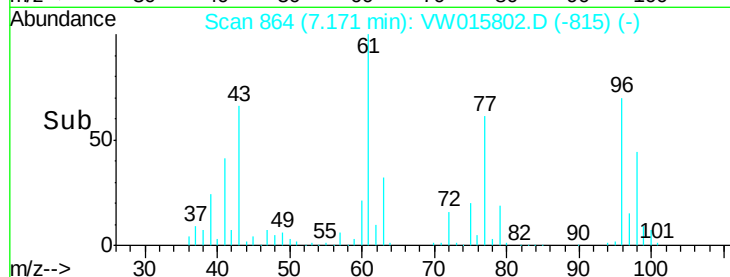
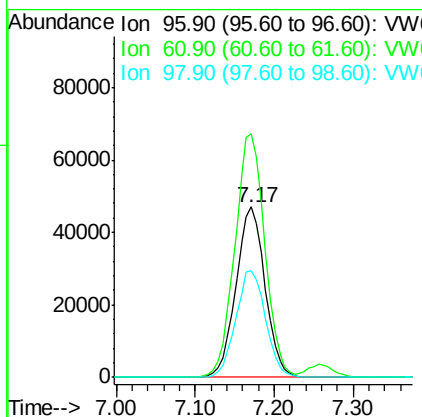
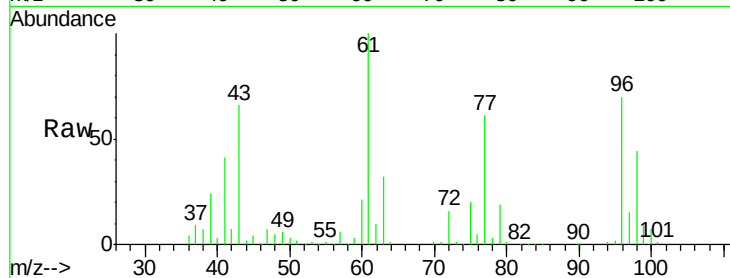


#27

cis-1,2-Dichloroethene
Concen: 50.675 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

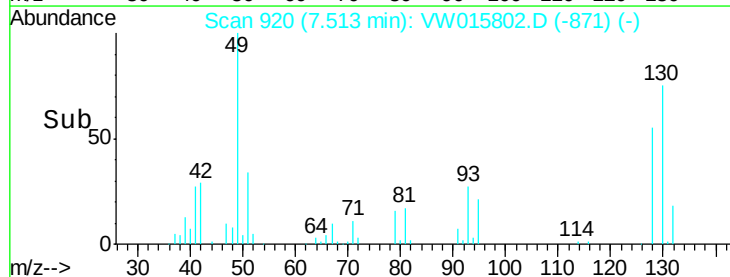
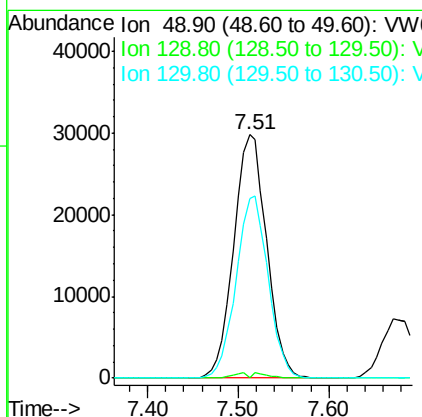
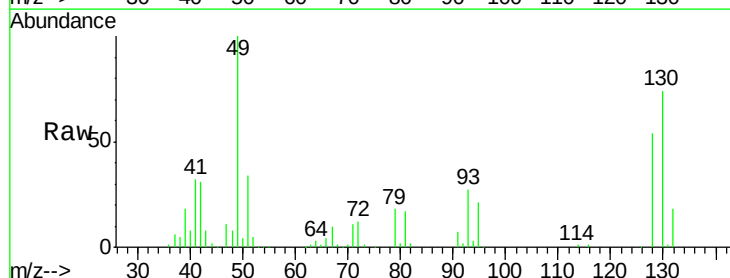
Tot Ion: 96 Resp: 120248
Ion Ratio Lower Upper
96 100
61 147.3 0.0 292.2
98 64.2 0.0 129.0

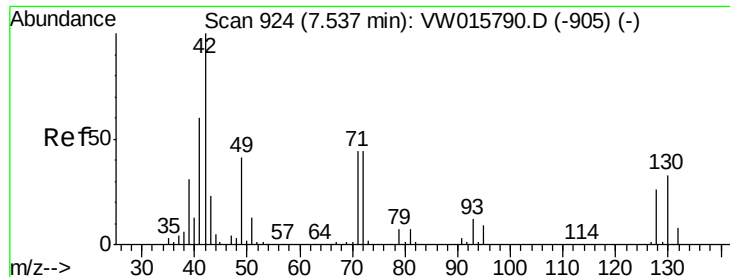


#28

Bromochloromethane
Concen: 47.856 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Tgt Ion: 49 Resp: 75063
Ion Ratio Lower Upper
49 100
129 1.0 0.0 2.6
130 72.7 59.5 89.3

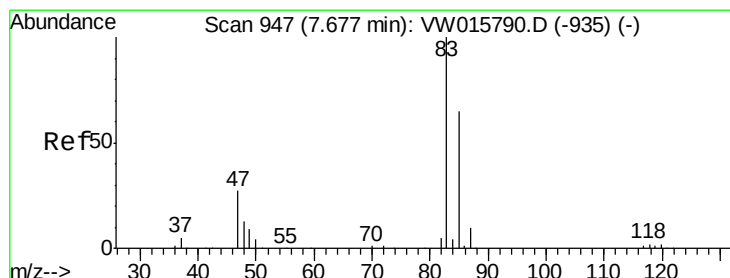
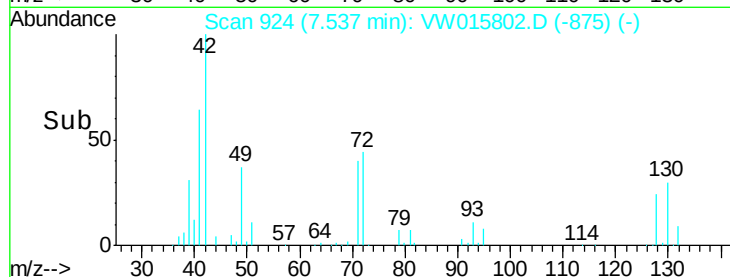
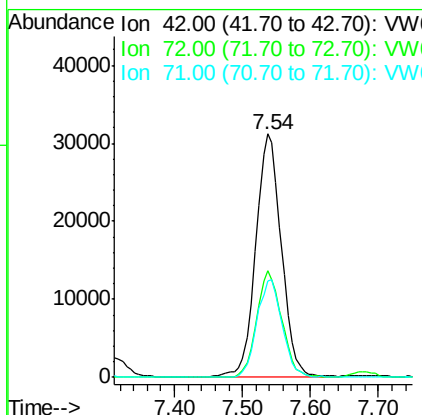
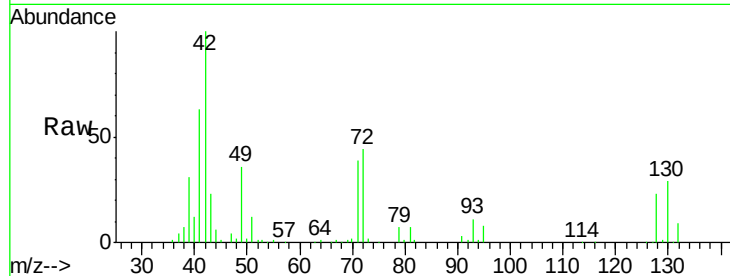




#29
Tetrahydrofuran
Concen: 248.313 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

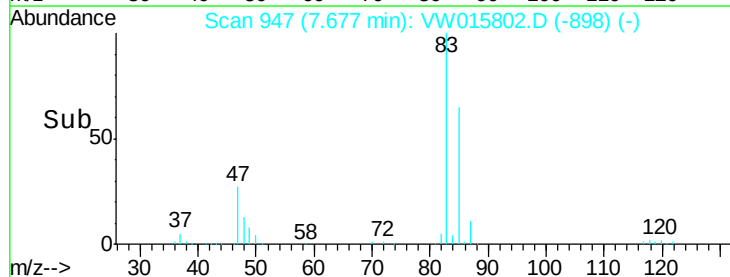
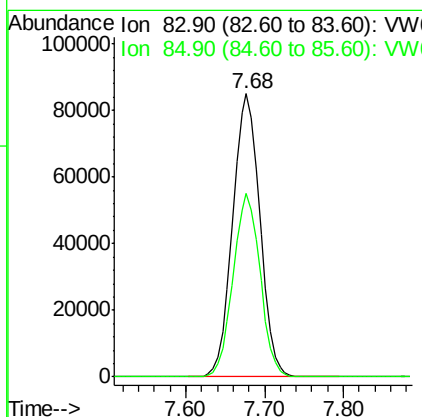
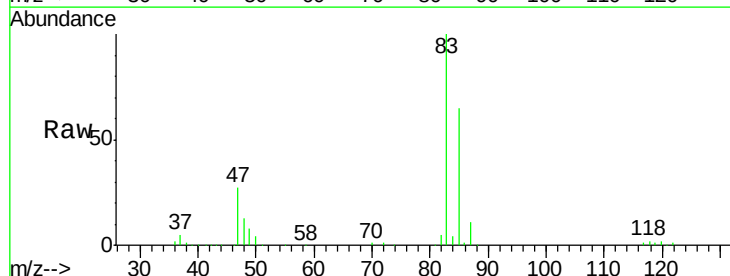
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

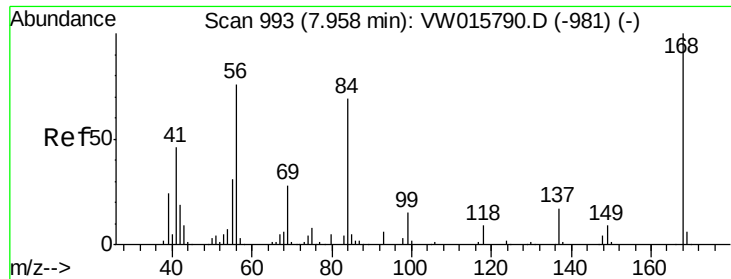
Tot Ion: 42 Resp: 82317
Ion Ratio Lower Upper
42 100
72 42.5 34.6 51.8
71 39.7 32.8 49.2



#30
Chloroform
Concen: 50.406 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Tgt Ion: 83 Resp: 203870
Ion Ratio Lower Upper
83 100
85 65.0 51.6 77.4

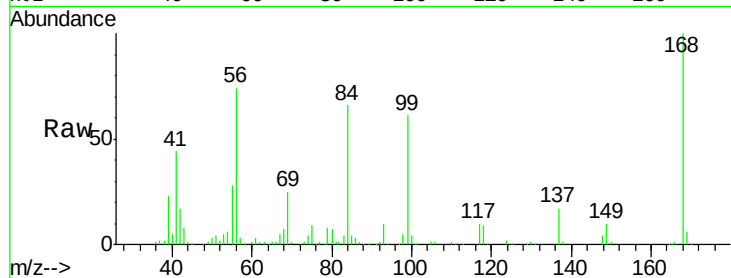




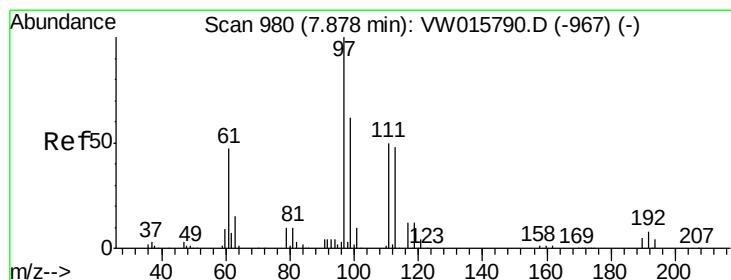
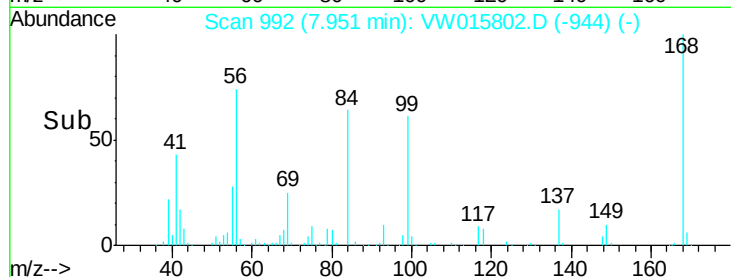
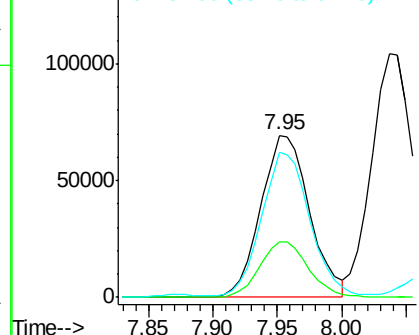
#31
Cyclohexane
Concen: 48.751 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 181534
Ion Ratio Lower Upper
56 100
69 34.1 28.9 43.3
84 88.0 72.2 108.4

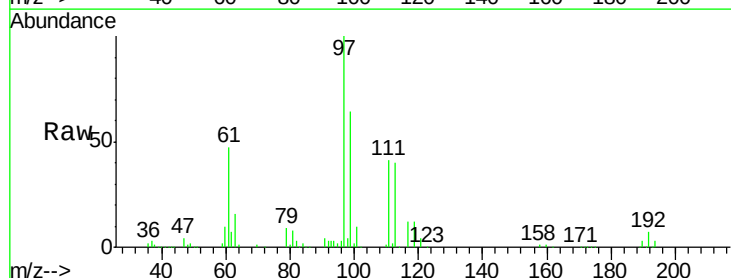


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

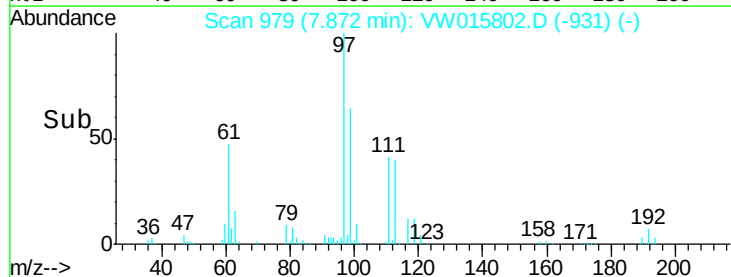
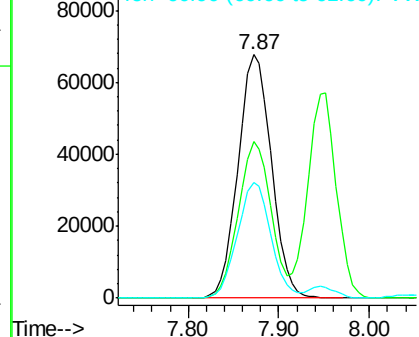


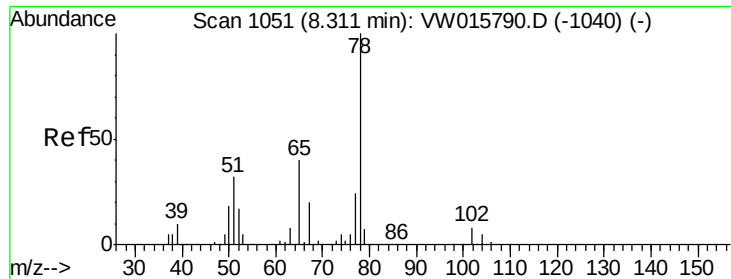
#32
1,1,1-Trichloroethane
Concen: 50.905 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Tgt Ion: 97 Resp: 172640
Ion Ratio Lower Upper
97 100
99 63.2 51.0 76.4
61 47.7 38.6 57.8



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

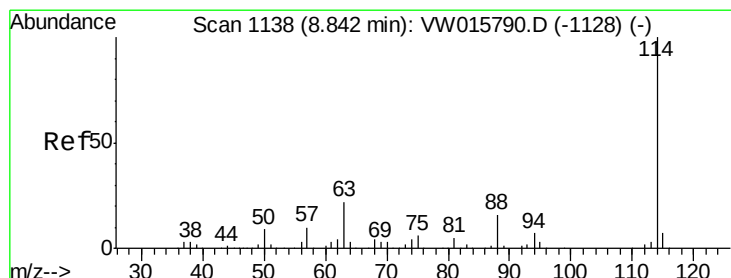
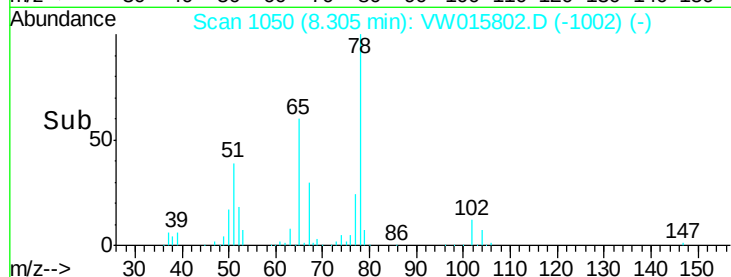
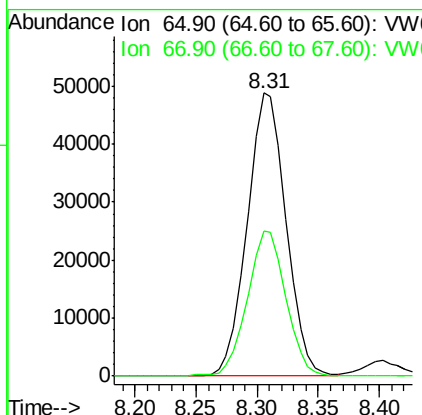
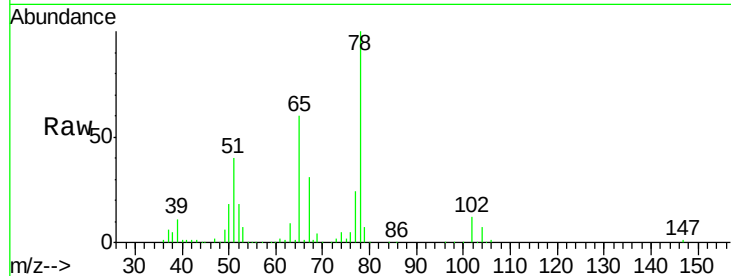




#33
 1,2-Dichloroethane-d4
 Concen: 50.110 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW015802.D
 Acq: 08 Jul 2020 11:24

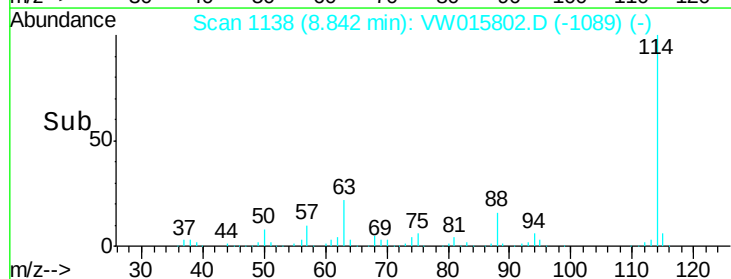
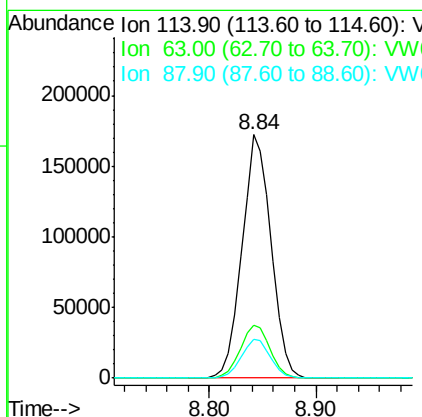
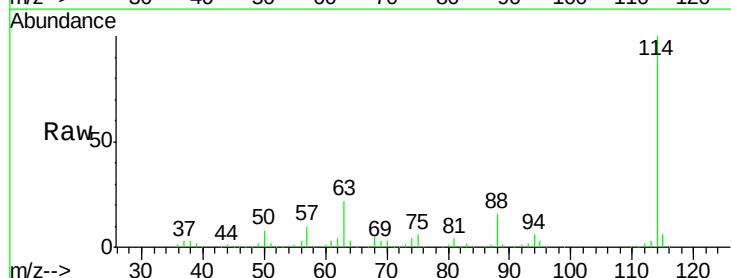
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

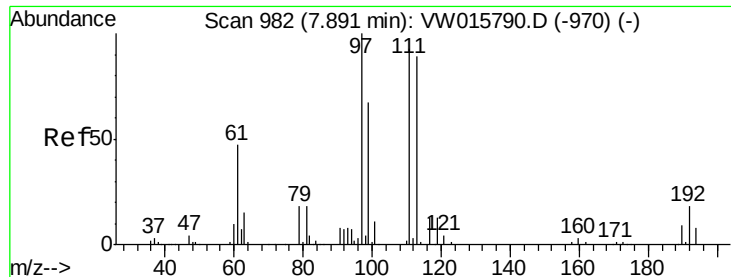
Tot Ion: 65 Resp: 107783
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW015802.D
 Acq: 08 Jul 2020 11:24

Tgt Ion: 114 Resp: 329481
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 44.4
 88 15.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.513 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

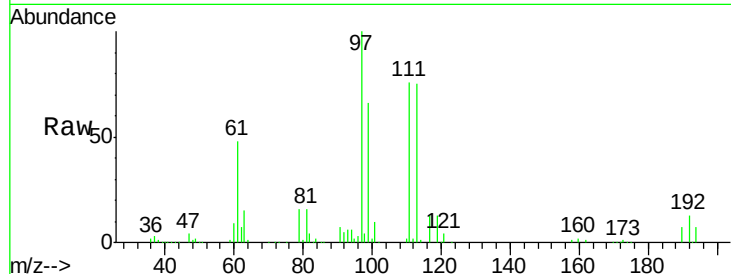
Tot Ion:113 Resp: 95177

Ion Ratio Lower Upper

113 100

111 102.9 82.8 124.2

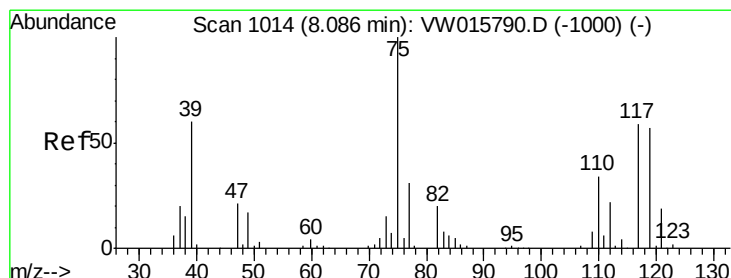
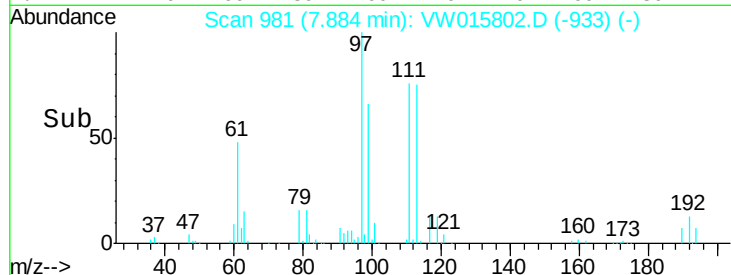
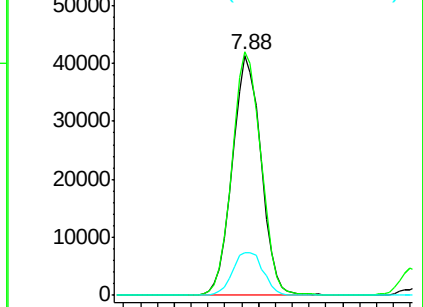
192 19.2 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.535 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.01 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

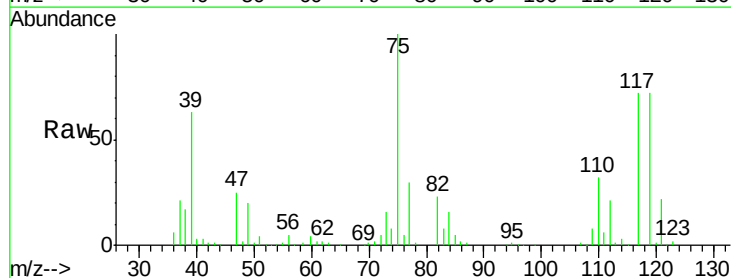
Tgt Ion: 75 Resp: 167382

Ion Ratio Lower Upper

75 100

110 33.3 16.8 50.3

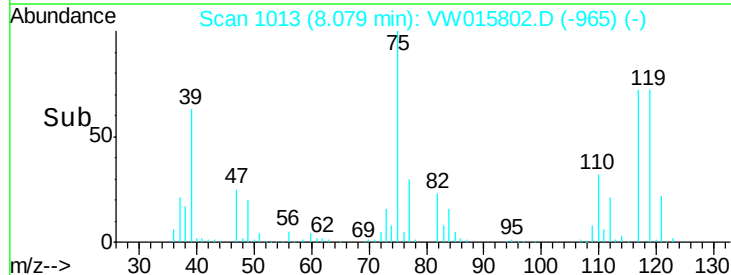
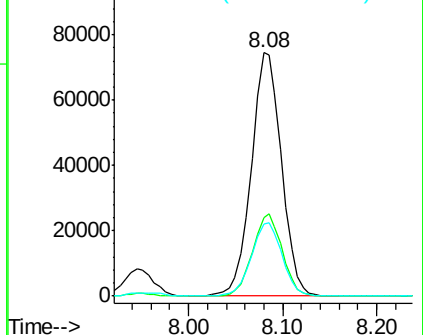
77 30.9 24.7 37.1

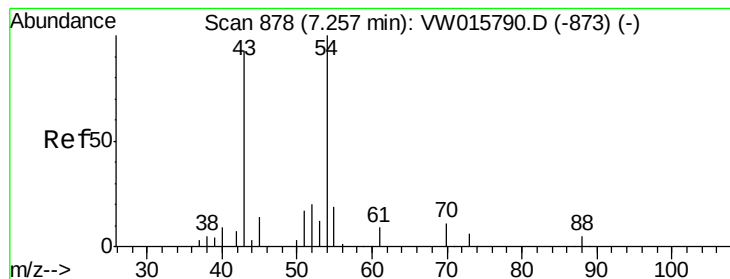


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 47.400 ug/l

RT: 7.26 min Scan# 878

Delta R.T. -0.00 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

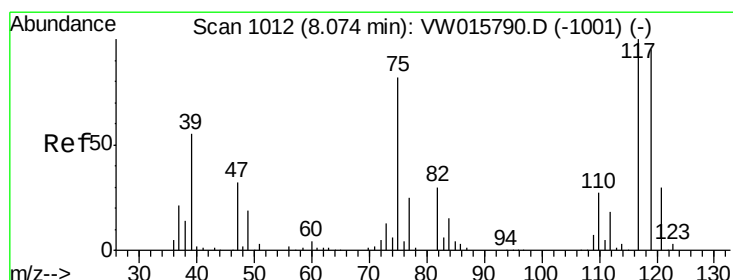
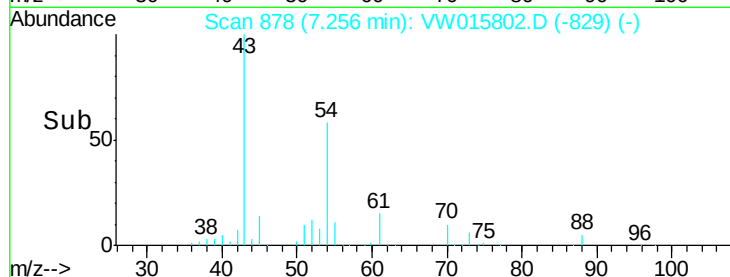
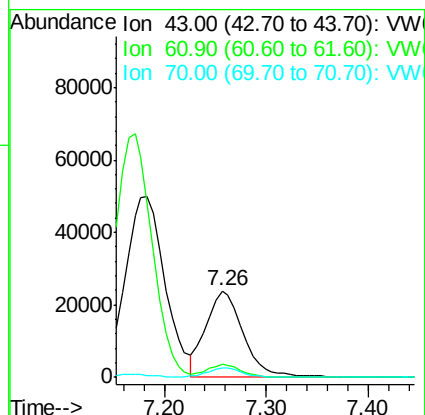
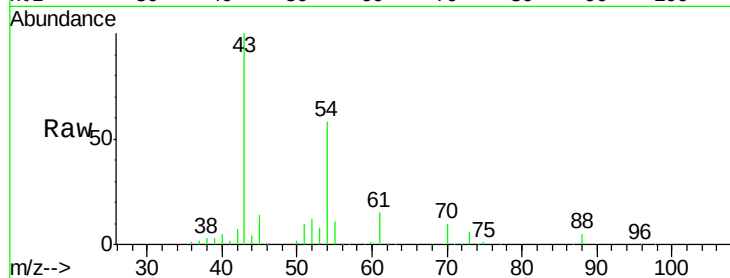
Tot Ion: 43 Resp: 59820

Ion Ratio Lower Upper

43 100

61 14.2 10.4 15.6

70 10.3 8.4 12.6



#38

Carbon Tetrachloride

Concen: 51.170 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.01 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

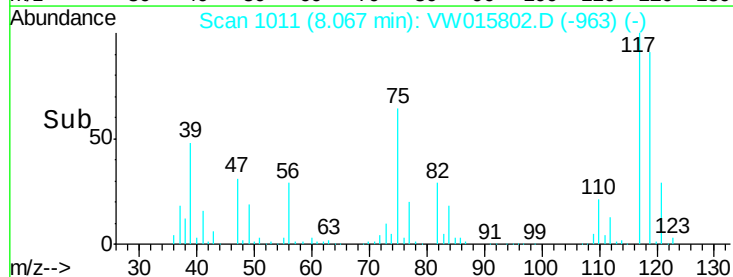
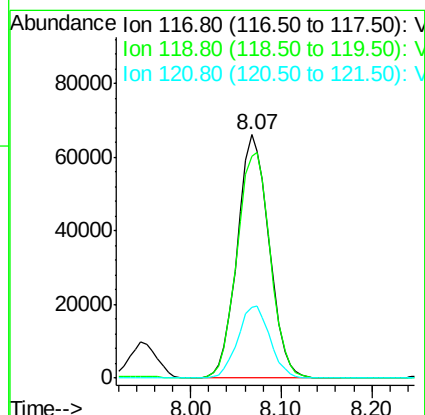
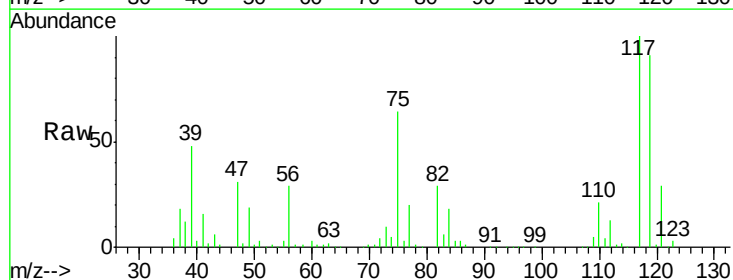
Tgt Ion: 117 Resp: 160817

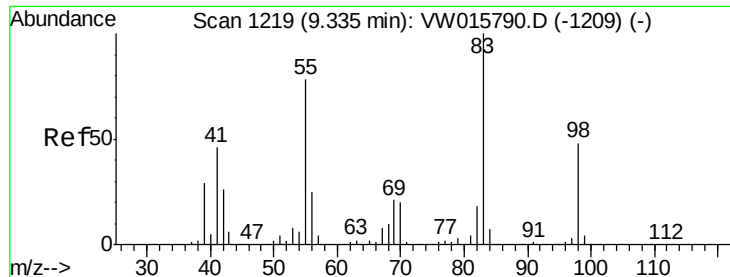
Ion Ratio Lower Upper

117 100

119 91.2 76.3 114.5

121 29.2 24.0 36.0

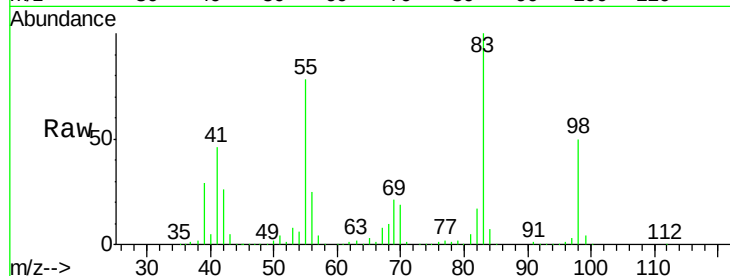




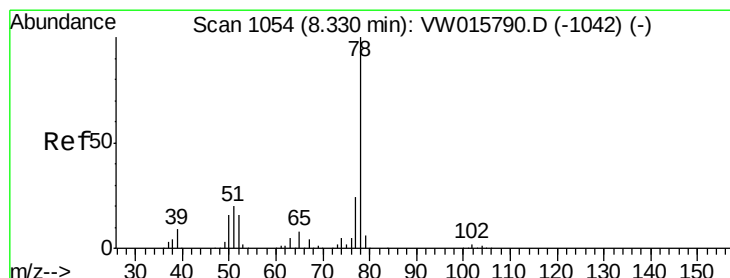
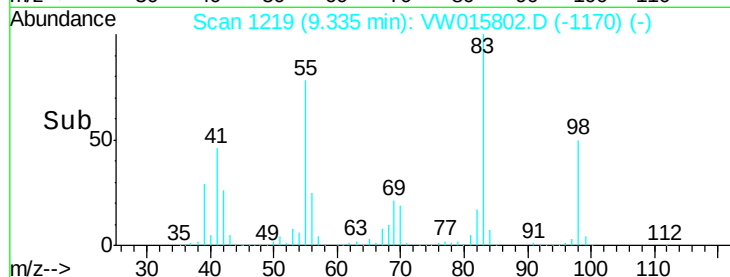
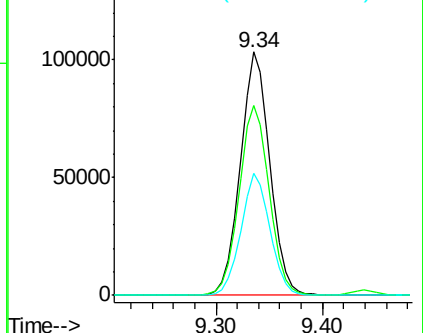
#39
Methylvlcyclohexane
Concen: 52.556 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 201422
Ion Ratio Lower Upper
83 100
55 78.0 62.6 94.0
98 50.1 38.6 58.0

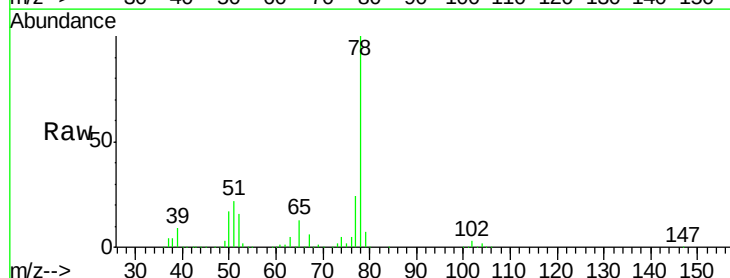


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

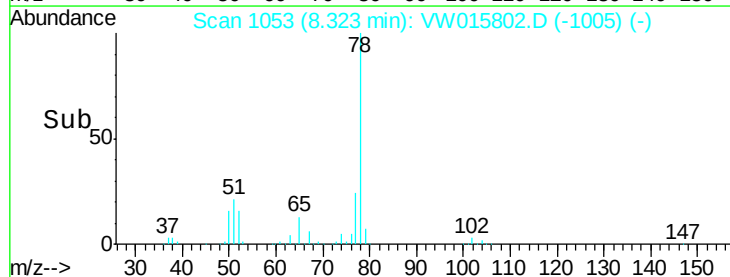
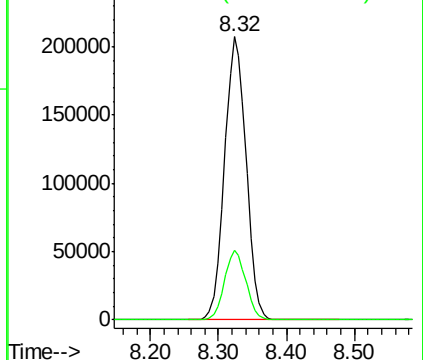


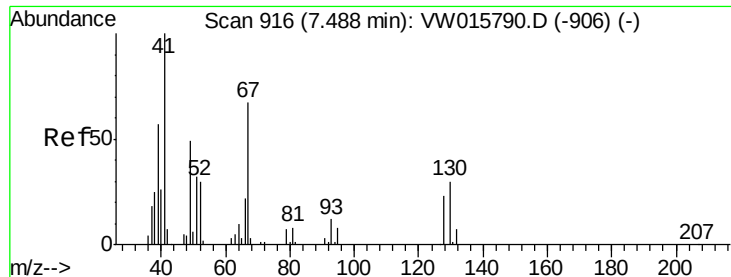
#40
Benzene
Concen: 50.972 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Tgt Ion: 78 Resp: 453489
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW

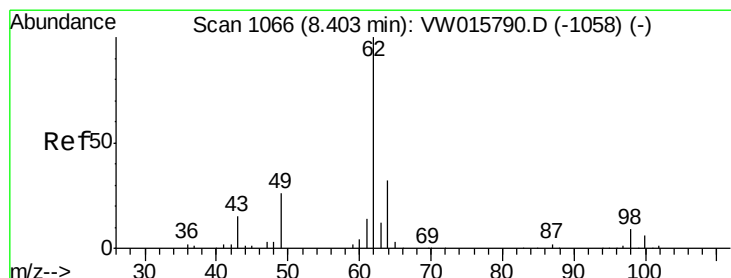
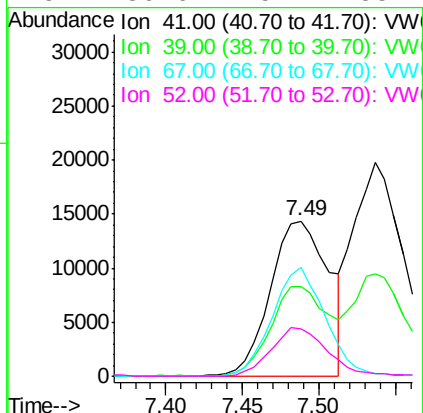
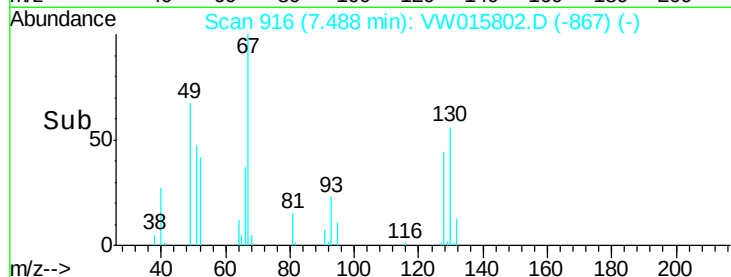
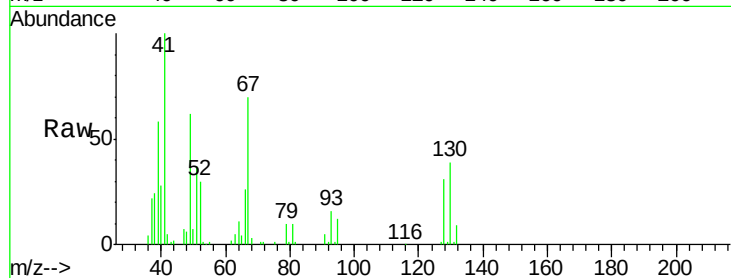




#41
Methacrylonitrile
Concen: 53.254 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

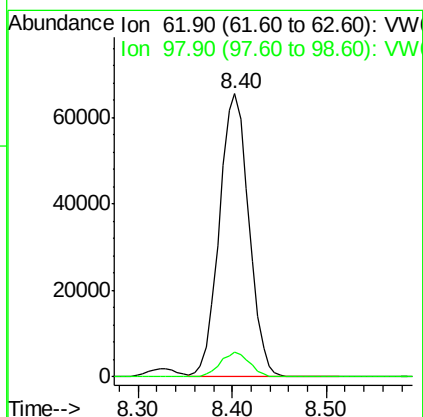
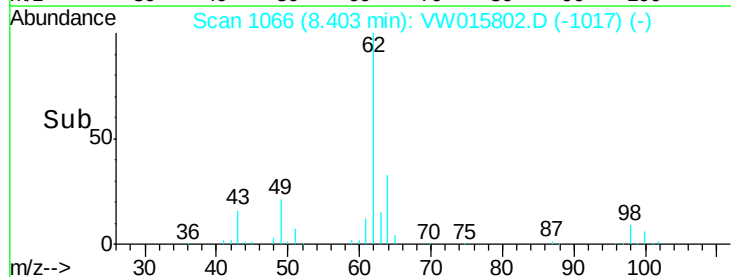
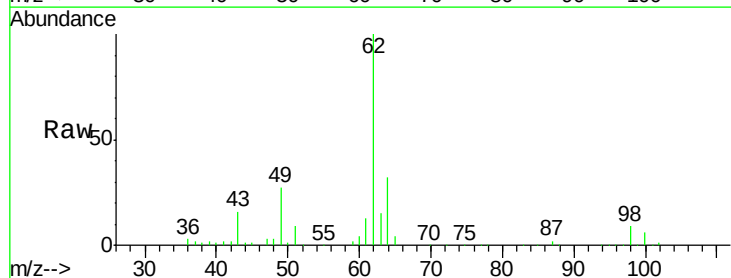
Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

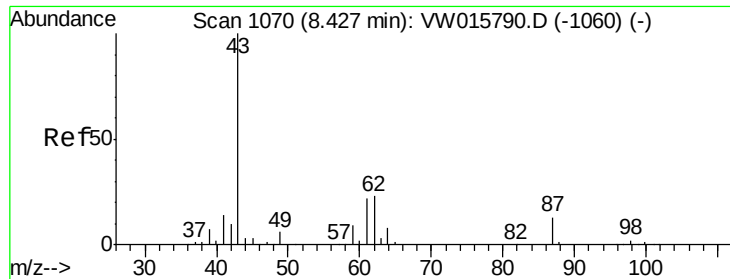
Tot Ion:	41	Resp:	38155
Ion	Ratio	Lower	Upper
41	100		
39	57.2	44.6	66.8
67	64.2	56.4	84.6
52	30.6	25.4	38.2



#42
1,2-Dichloroethane
Concen: 51.434 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Tgt Ion:	62	Resp:	142421
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.2





#43

Isopropyl Acetate

Concen: 49.846 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

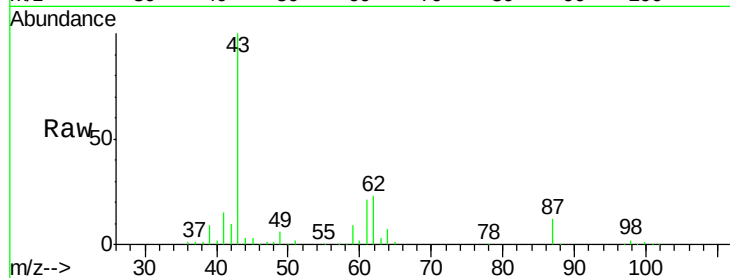
Tot Ion: 43 Resp: 122790

Ion Ratio Lower Upper

43 100

61 31.3 24.8 37.2

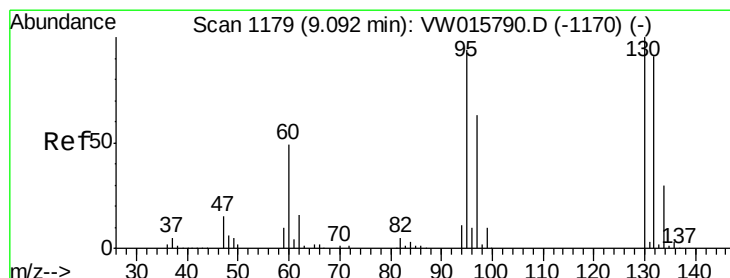
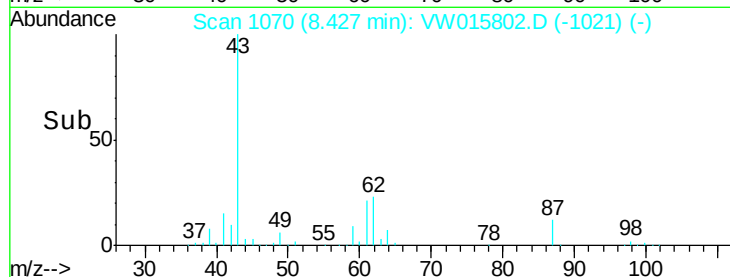
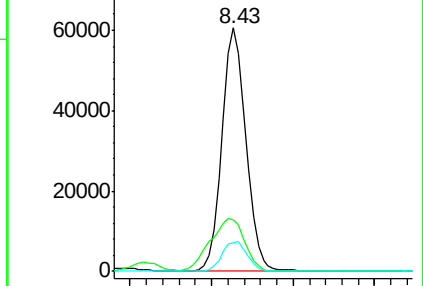
87 13.0 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 50.786 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW015802.D

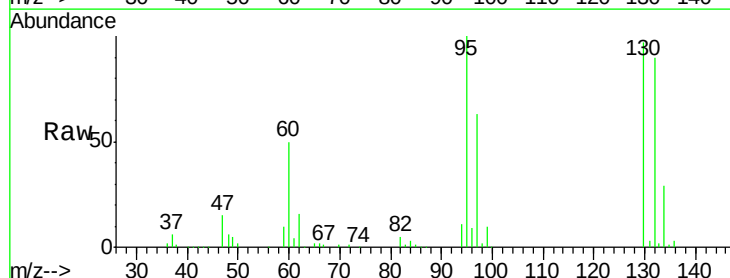
Acq: 08 Jul 2020 11:24

Tgt Ion: 130 Resp: 119512

Ion Ratio Lower Upper

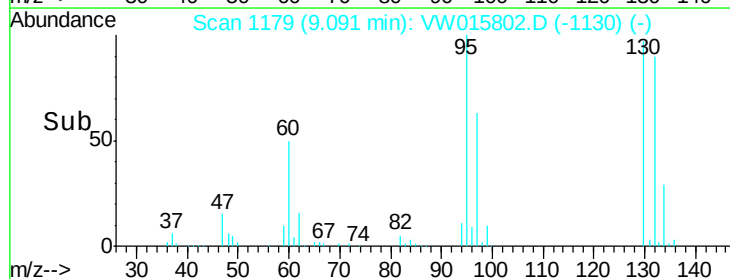
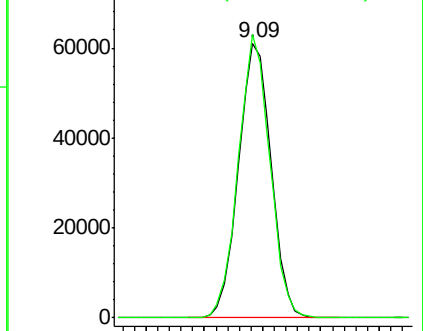
130 100

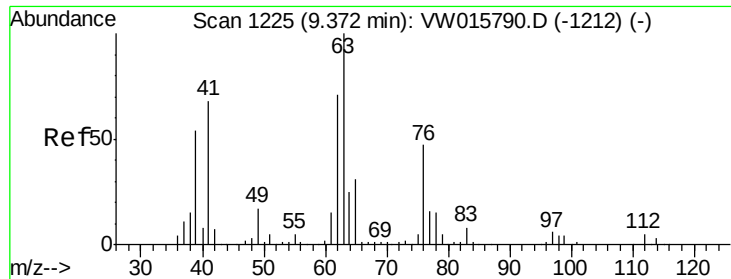
95 103.0 0.0 188.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

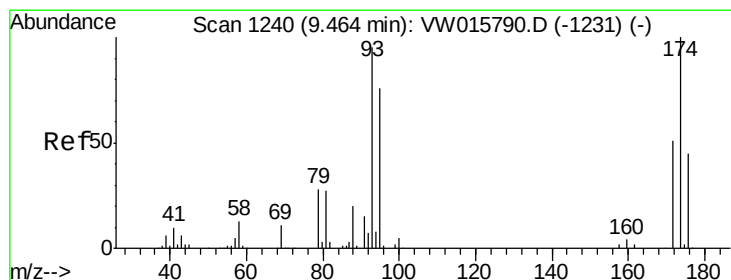
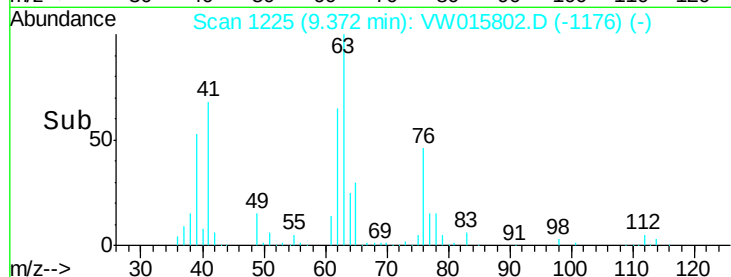
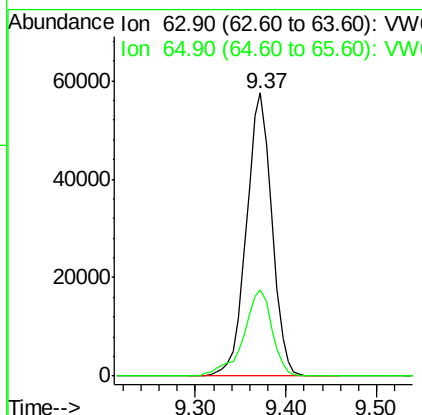
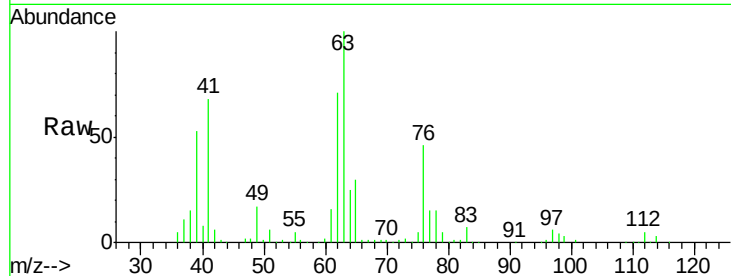




#45
 1,2-Dichloropropane
 Concen: 51.086 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW015802.D
 Acq: 08 Jul 2020 11:24

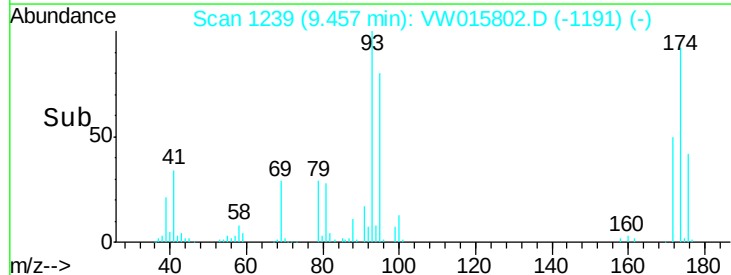
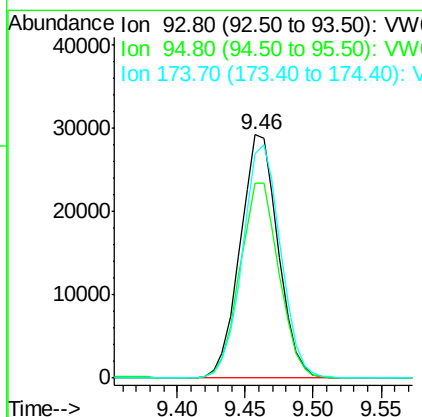
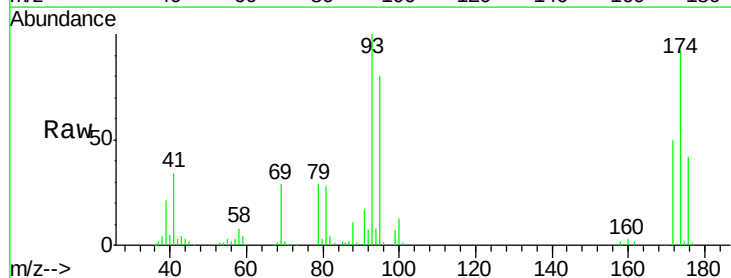
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

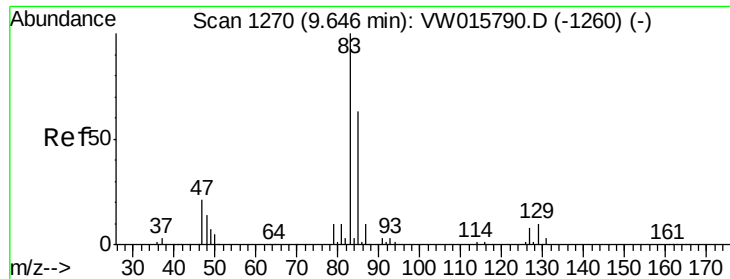
Tot Ion: 63 Resp: 111718
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.5 36.7



#46
 Dibromomethane
 Concen: 50.646 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW015802.D
 Acq: 08 Jul 2020 11:24

Tgt Ion: 93 Resp: 57021
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.0 99.0
 174 96.7 78.7 118.1





#47

Bromodichloromethane

Concen: 51.815 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

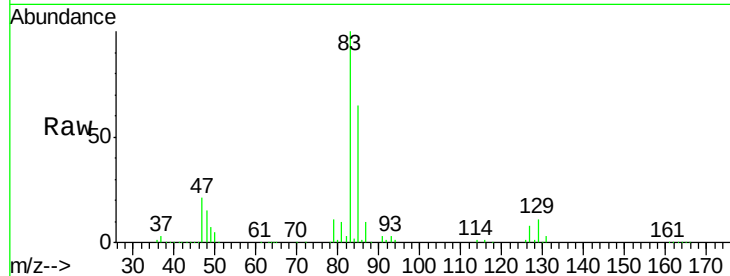
Tot Ion: 83 Resp: 150889

Ion Ratio Lower Upper

83 100

85 65.2 50.6 76.0

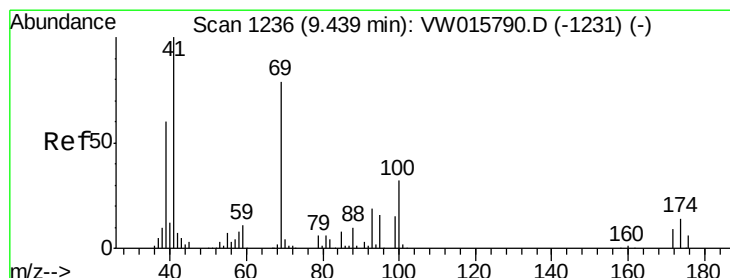
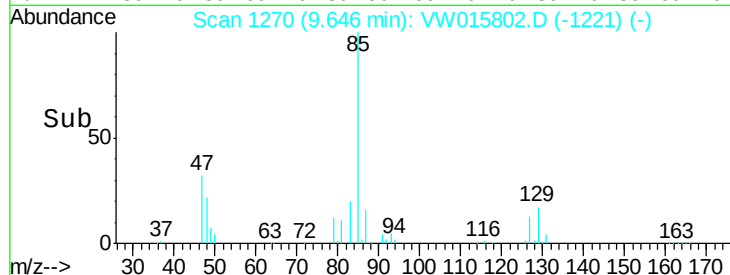
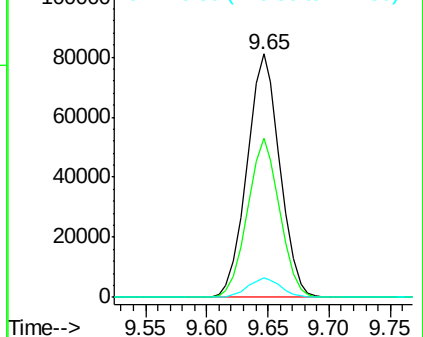
127 8.2 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 50.828 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

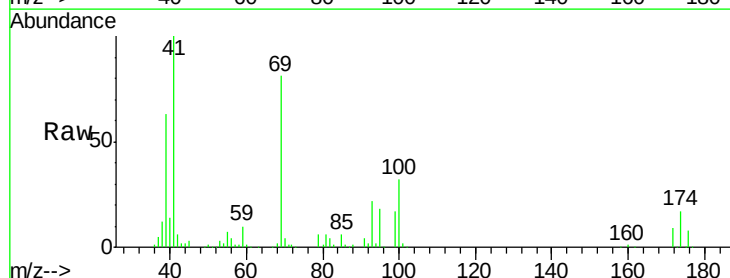
Tgt Ion: 41 Resp: 57382

Ion Ratio Lower Upper

41 100

69 85.3 67.1 100.7

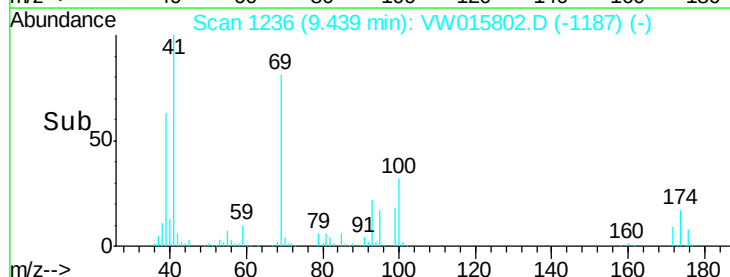
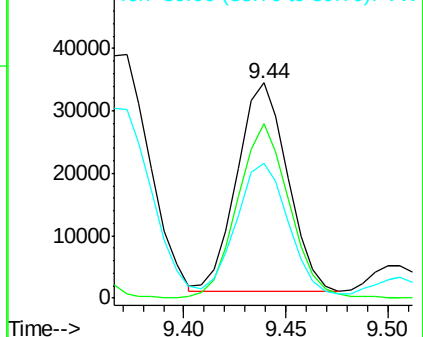
39 63.6 49.9 74.9

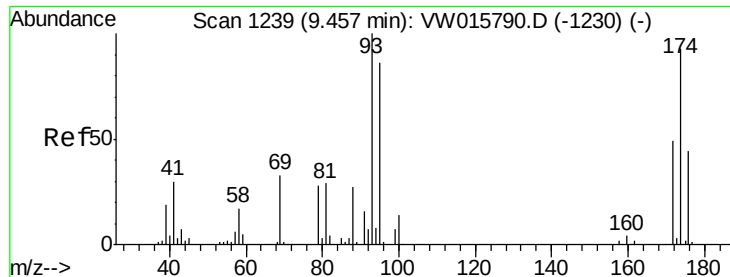


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 979.213 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. 0.02 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

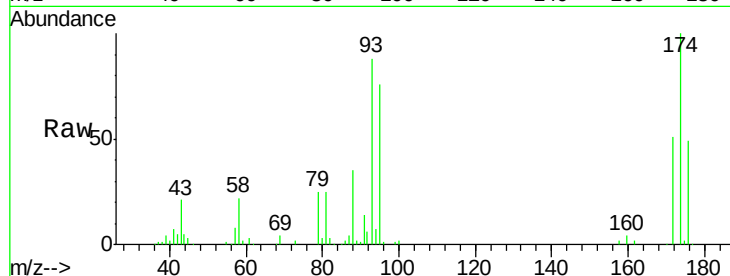
Tot Ion: 88 Resp: 13630

Ion Ratio Lower Upper

88 100

43 0.0 28.1 42.1#

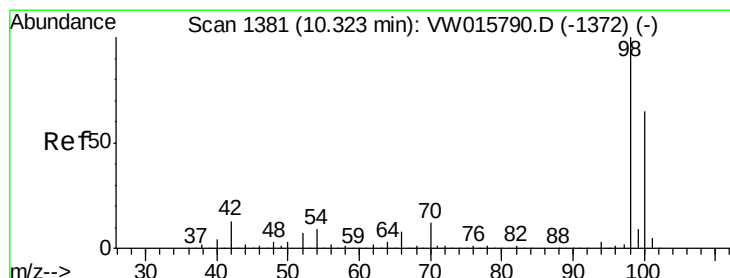
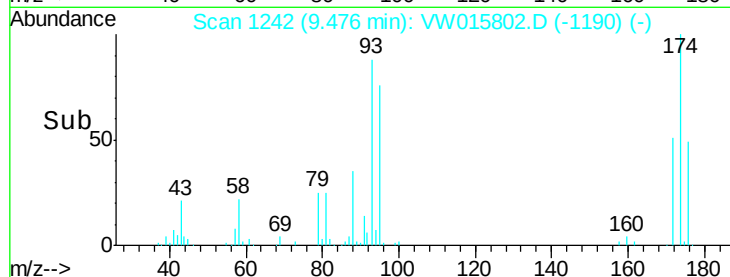
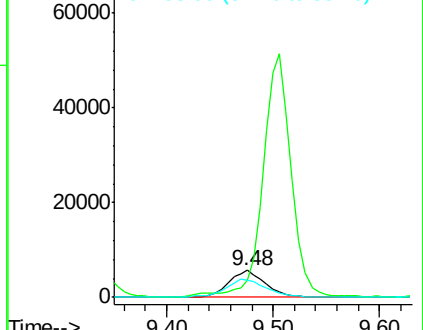
58 74.8 59.3 88.9



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: 50.894 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW015802.D

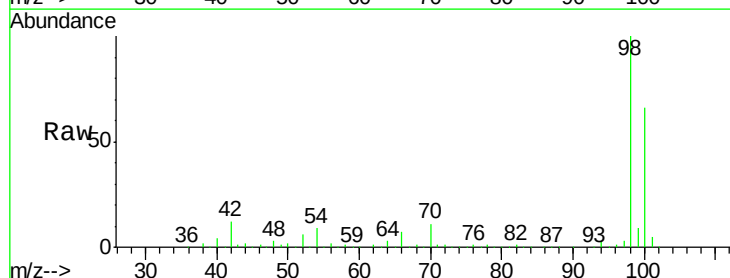
Acq: 08 Jul 2020 11:24

Tgt Ion: 98 Resp: 375786

Ion Ratio Lower Upper

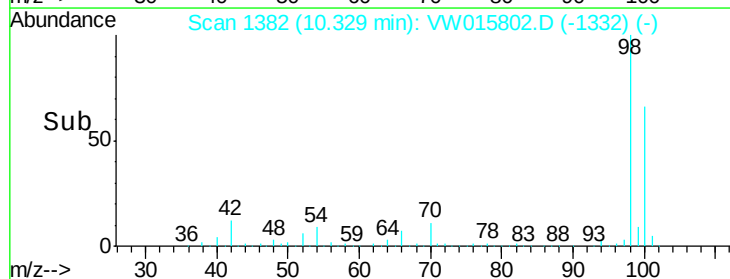
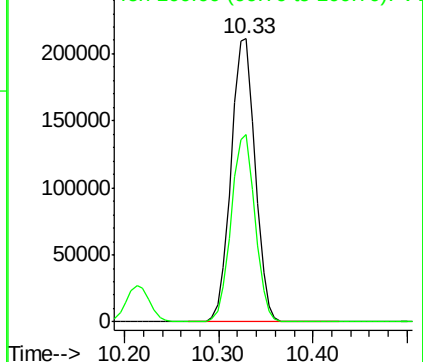
98 100

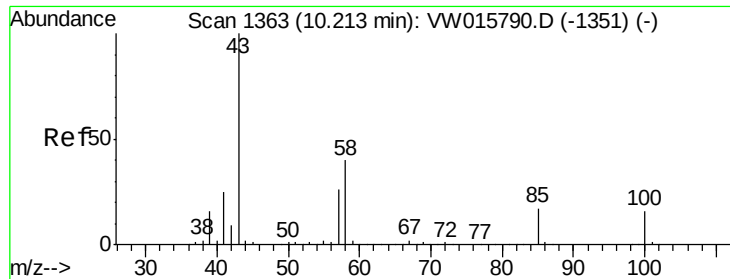
100 65.6 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

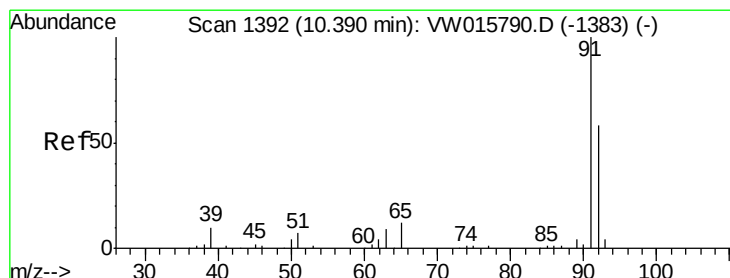
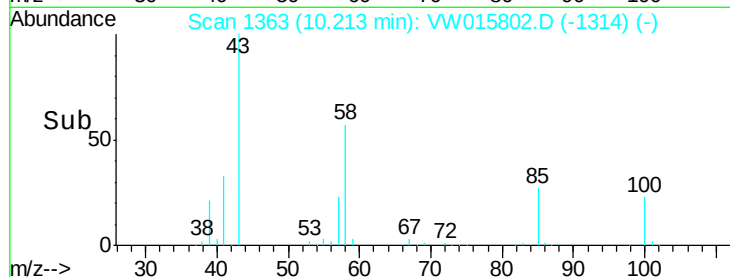
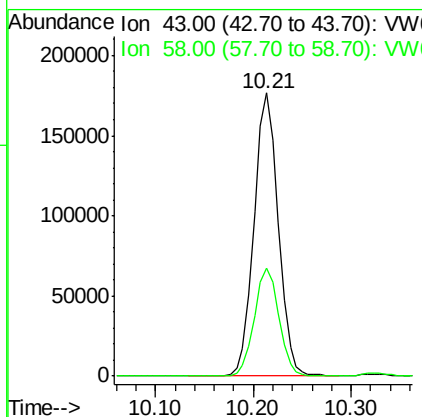
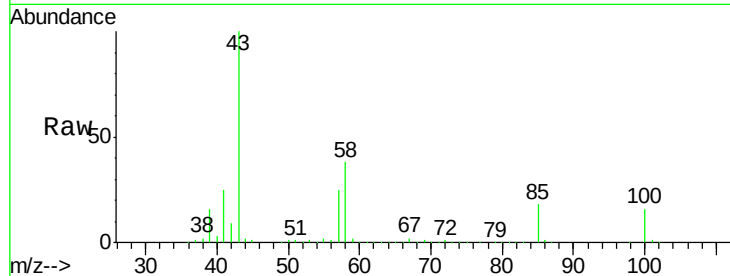




#51
4-Methyl-2-Pentanone
Concen: 253.032 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

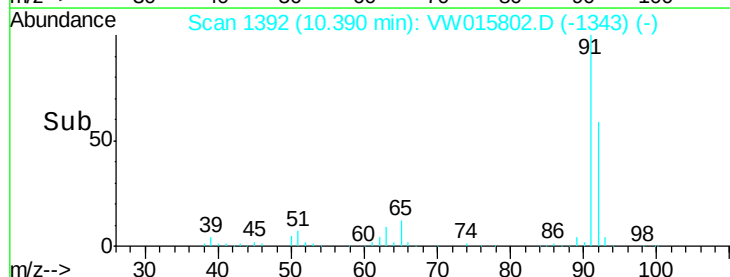
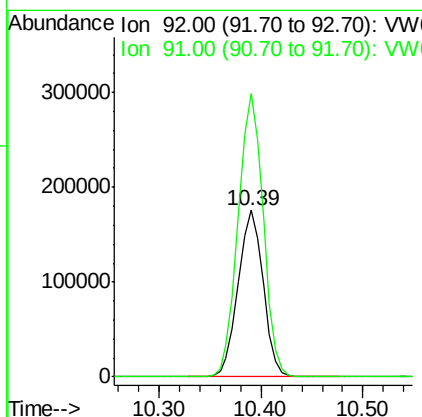
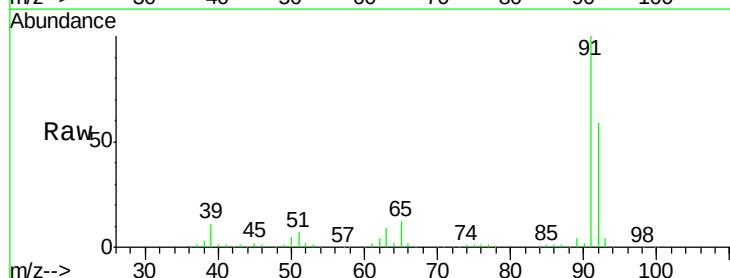
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

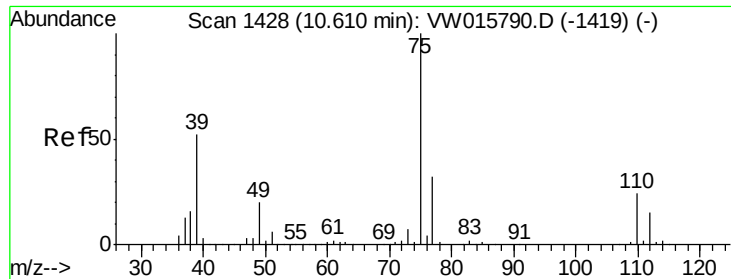
Tot Ion: 43 Resp: 304161
Ion Ratio Lower Upper
43 100
58 38.6 30.9 46.3



#52
Toluene
Concen: 52.003 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Tgt Ion: 92 Resp: 297734
Ion Ratio Lower Upper
92 100
91 170.4 137.1 205.7

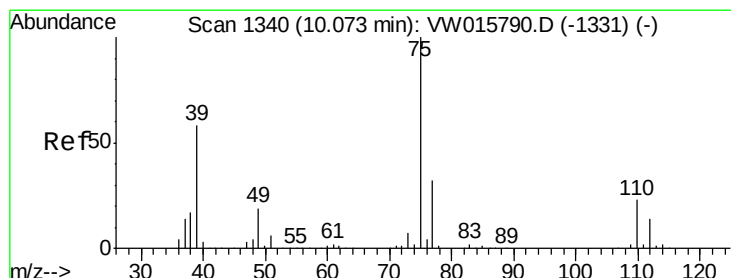
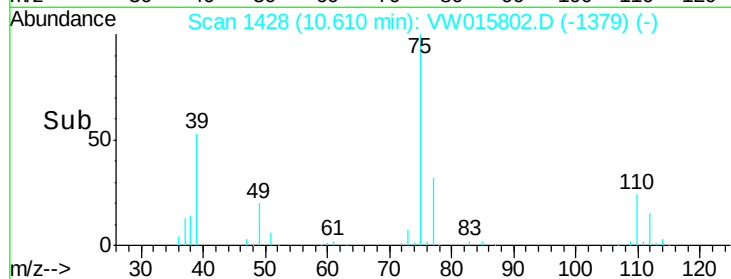
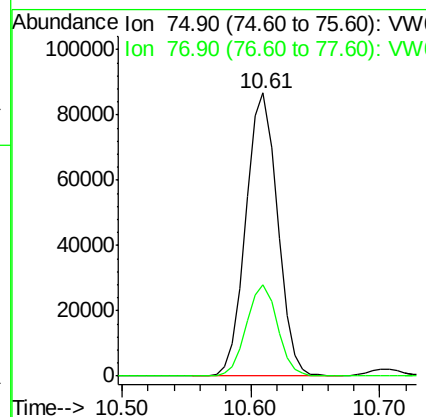
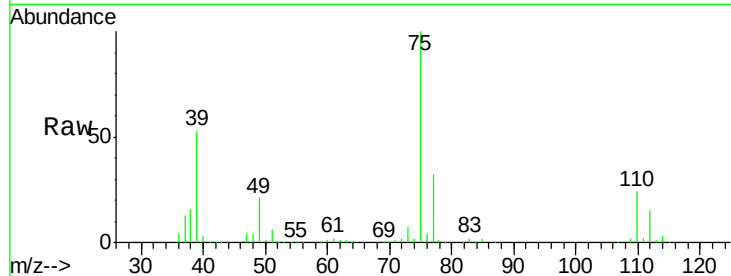




#53
 t-1,3-Dichloropropene
 Concen: 52.646 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW015802.D
 Acq: 08 Jul 2020 11:24

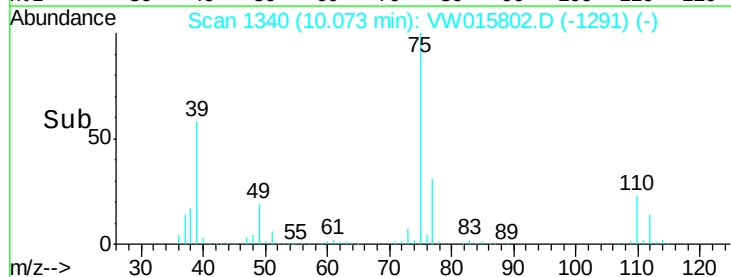
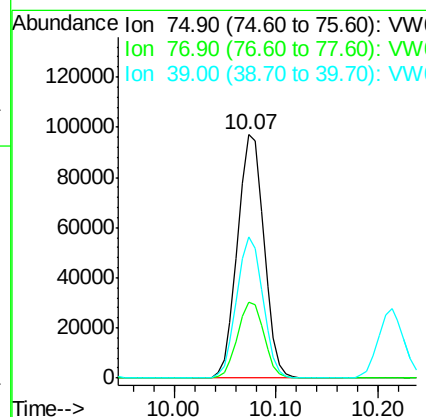
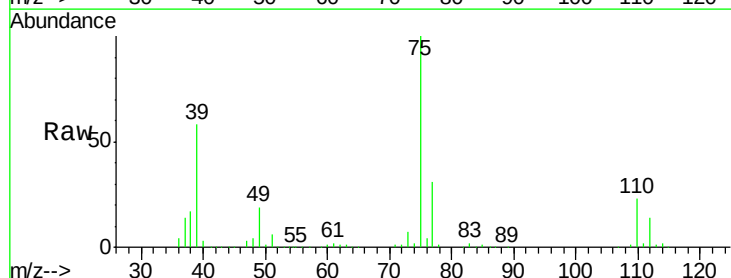
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

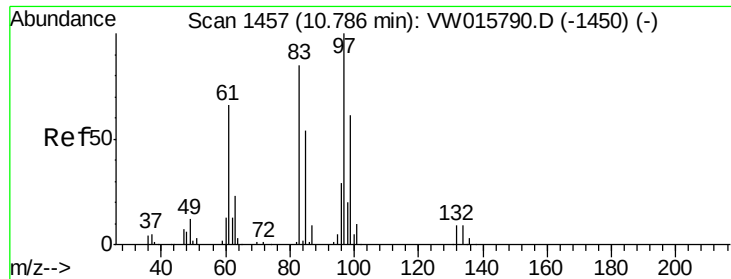
Tot Ion: 75 Resp: 147100
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 52.159 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW015802.D
 Acq: 08 Jul 2020 11:24

Tgt Ion: 75 Resp: 174333
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.2 37.8
 39 57.9 46.0 69.0



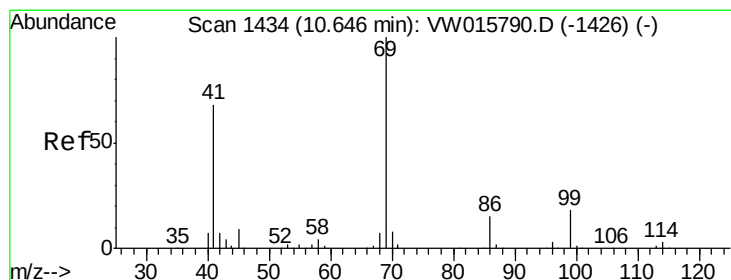
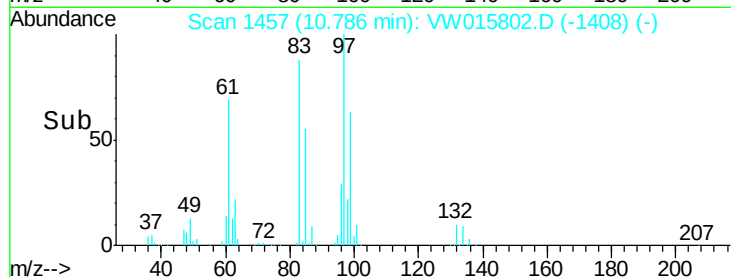
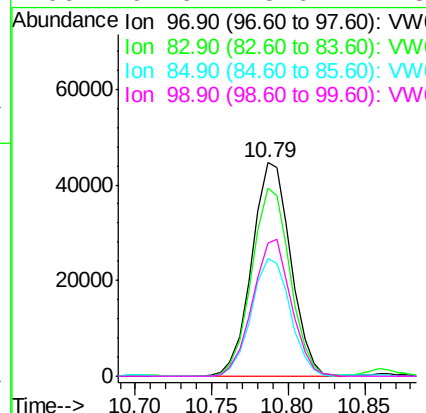
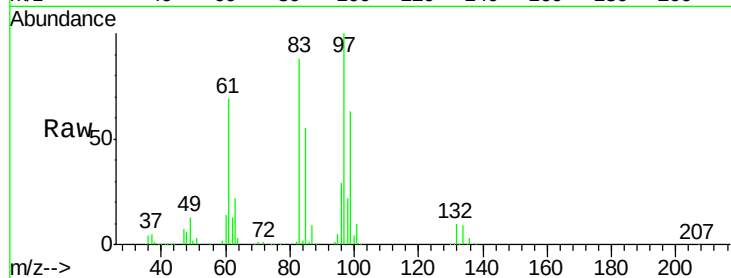


#55
 1,1,2-Trichloroethane
 Concen: 50.603 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW015802.D
 Acq: 08 Jul 2020 11:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 79000

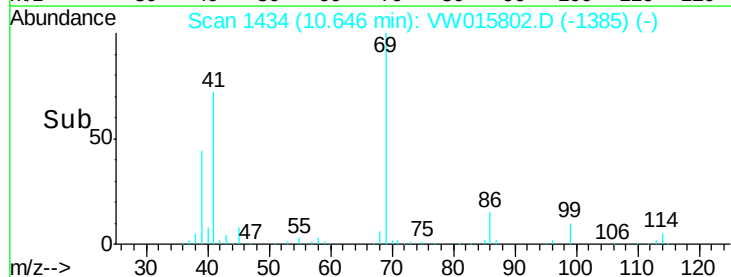
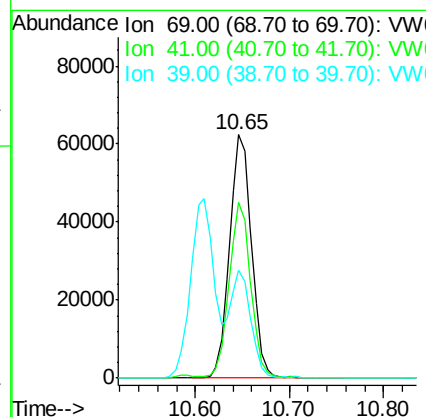
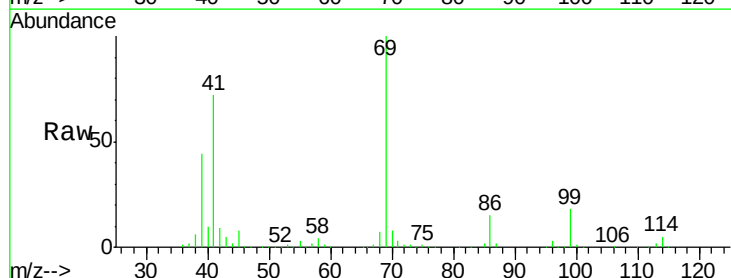
Ion	Ratio	Lower	Upper
97	100		
83	88.3	68.2	102.4
85	55.1	43.4	65.0
99	62.6	48.6	72.8

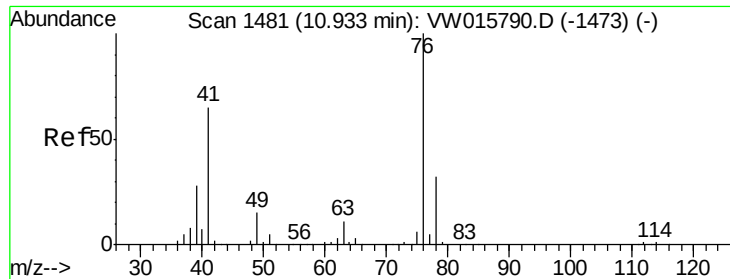


#56
 Ethyl methacrylate
 Concen: 52.696 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW015802.D
 Acq: 08 Jul 2020 11:24

Tgt Ion: 69 Resp: 101141

Ion	Ratio	Lower	Upper
69	100		
41	69.9	55.0	82.6
39	42.5	33.8	50.8

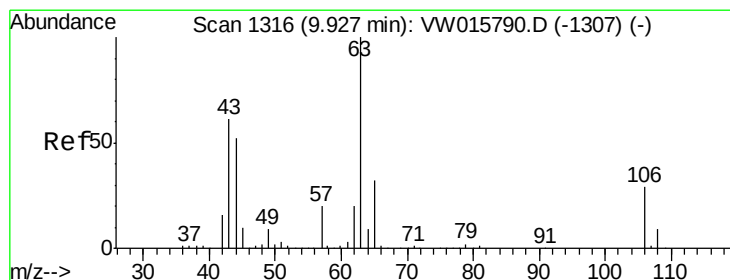
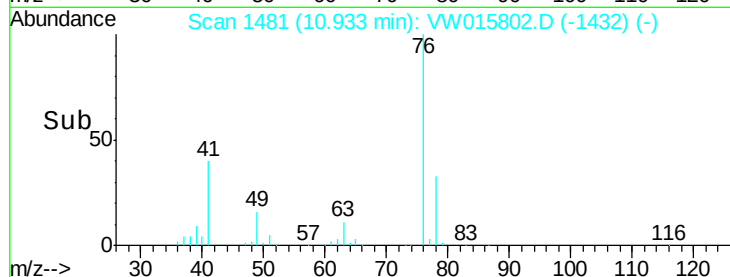
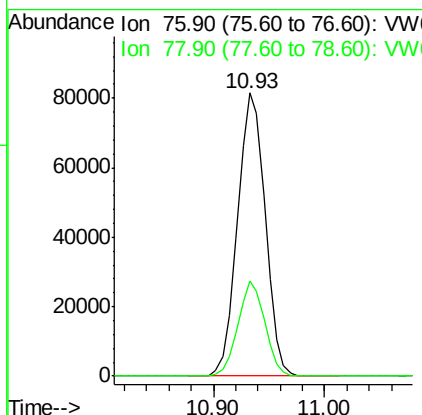
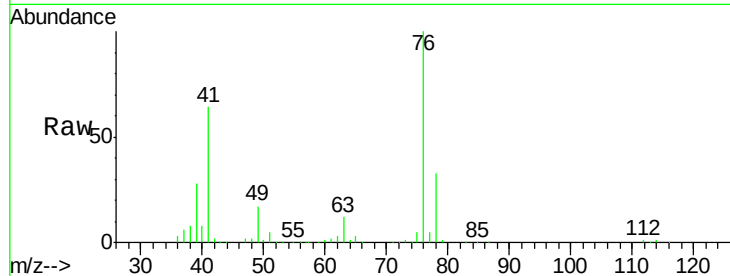




#57
 1,3-Dichloropropane
 Concen: 50.776 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW015802.D
 Acq: 08 Jul 2020 11:24

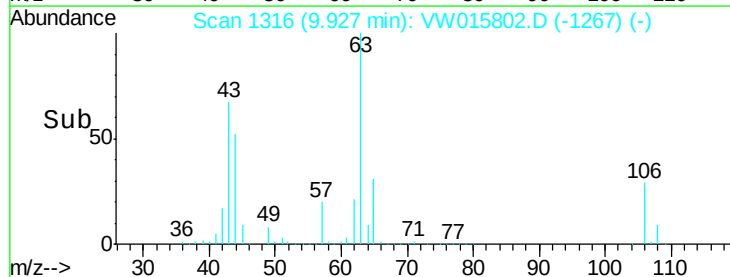
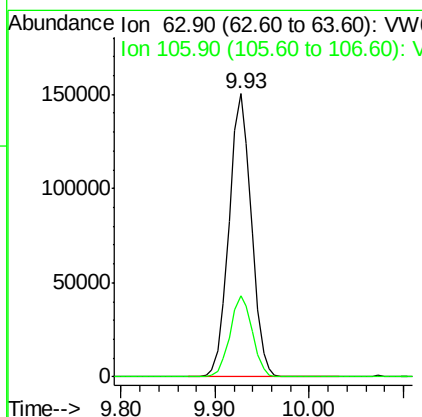
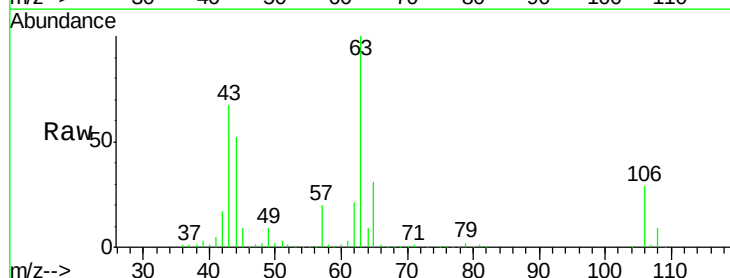
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

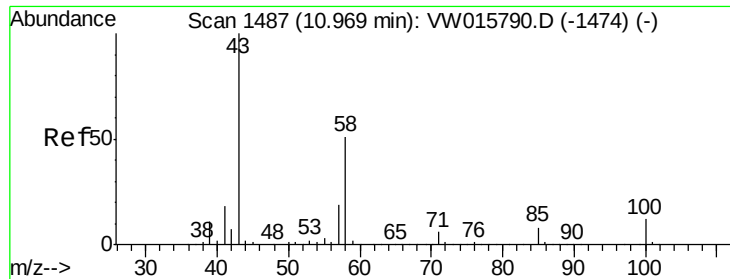
Tot Ion: 76 Resp: 140326
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 263.795 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW015802.D
 Acq: 08 Jul 2020 11:24

Tgt Ion: 63 Resp: 247392
 Ion Ratio Lower Upper
 63 100
 106 28.5 23.1 34.7

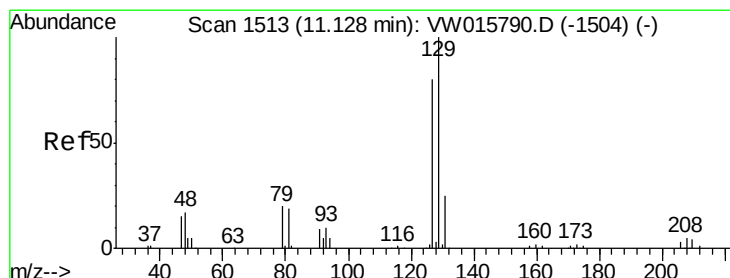
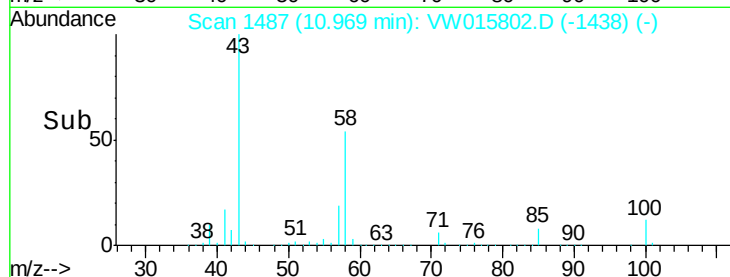
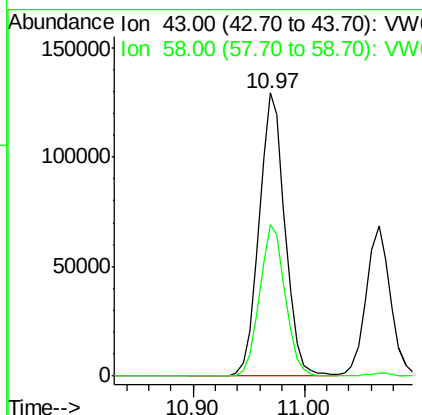
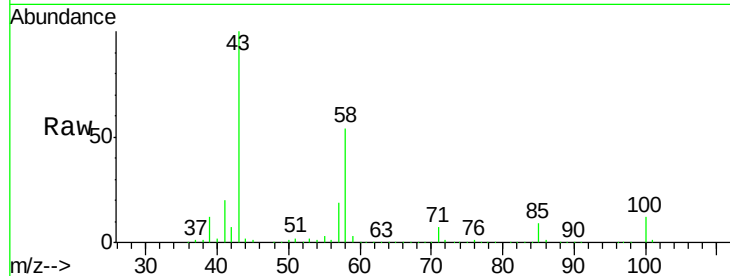




#59
2-Hexanone
Concen: 261.006 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

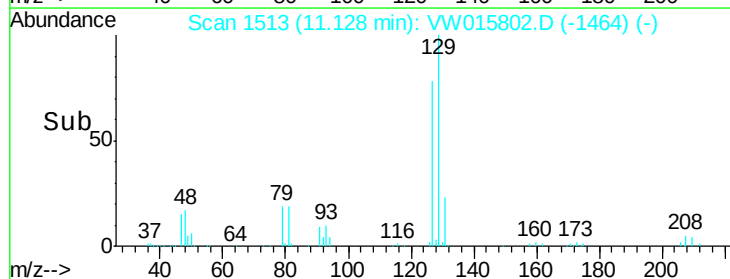
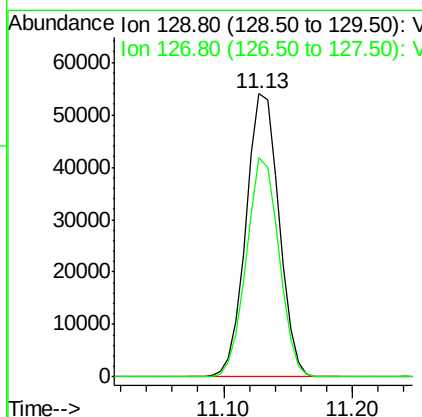
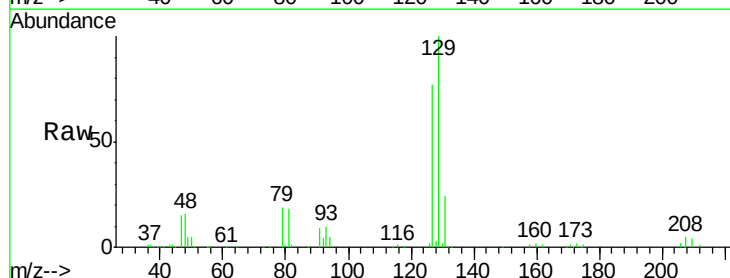
Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

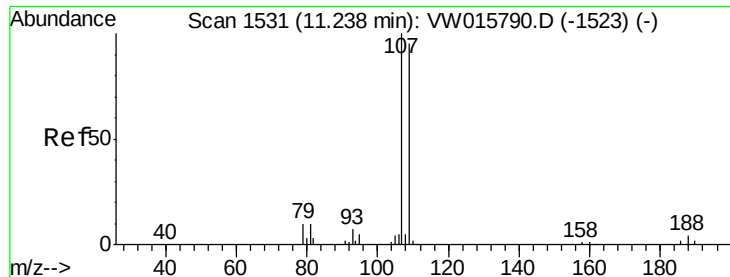
Tot Ion: 43 Resp: 209380
Ion Ratio Lower Upper
43 100
58 53.0 26.2 78.5



#60
Dibromochloromethane
Concen: 52.934 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Tgt Ion:129 Resp: 95440
Ion Ratio Lower Upper
129 100
127 76.2 39.4 118.1

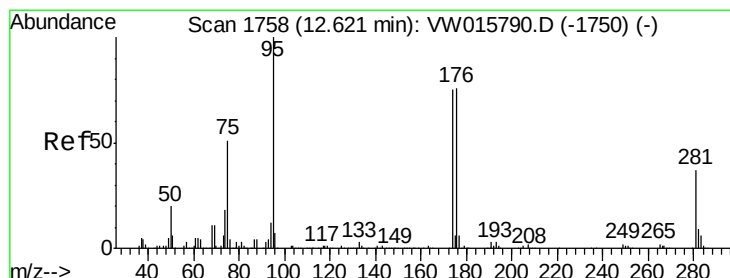
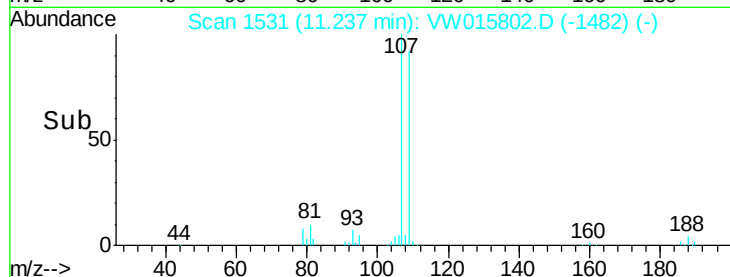
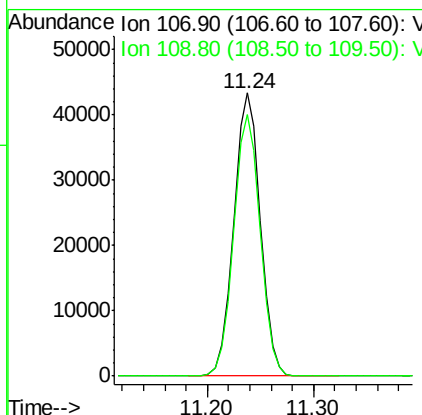
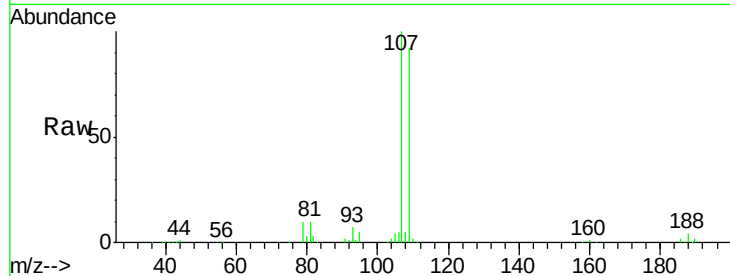




#61
 1,2-Dibromoethane
 Concen: 50.633 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW015802.D
 Acq: 08 Jul 2020 11:24

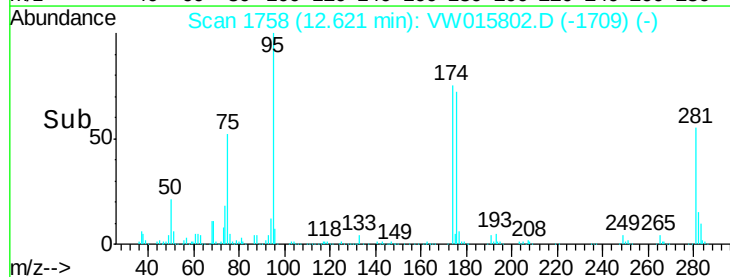
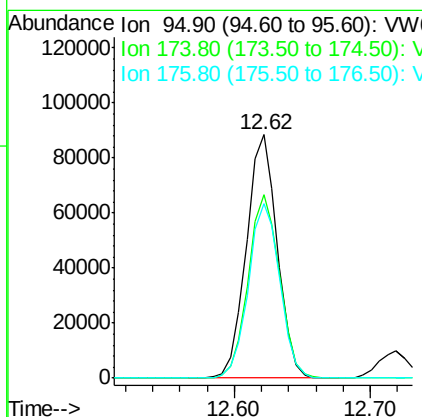
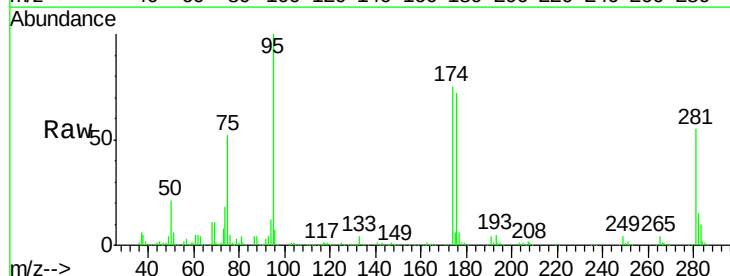
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

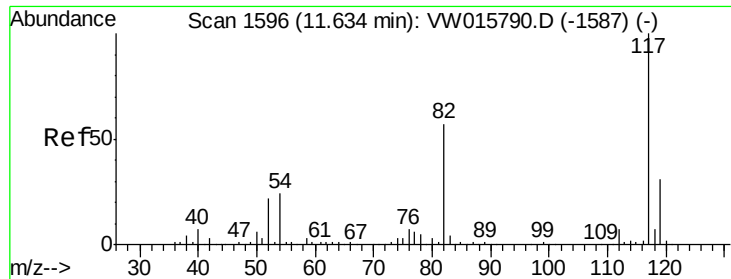
Tot Ion: 107 Resp: 75635
 Ion Ratio Lower Upper
 107 100
 109 92.8 77.0 115.6



#62
 4-Bromofluorobenzene
 Concen: 51.903 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW015802.D
 Acq: 08 Jul 2020 11:24

Tgt Ion: 95 Resp: 140625
 Ion Ratio Lower Upper
 95 100
 174 76.7 0.0 150.2
 176 72.9 0.0 148.4

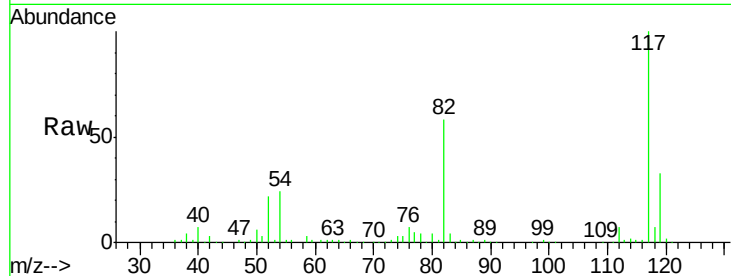




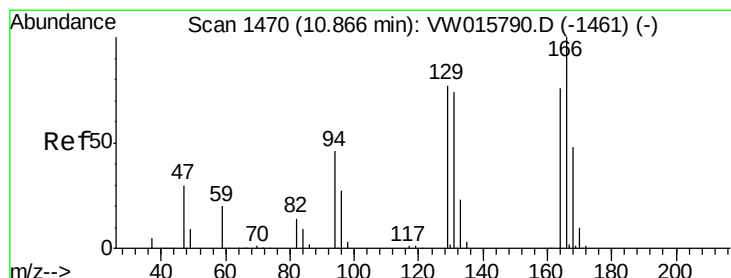
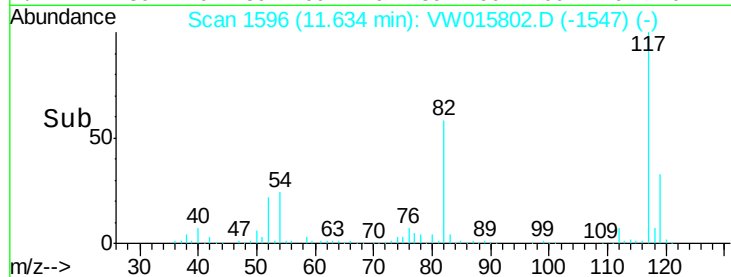
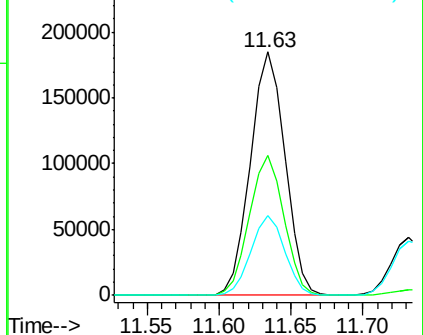
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 307489
Ion Ratio Lower Upper
117 100
82 57.6 45.5 68.3
119 32.5 25.0 37.6

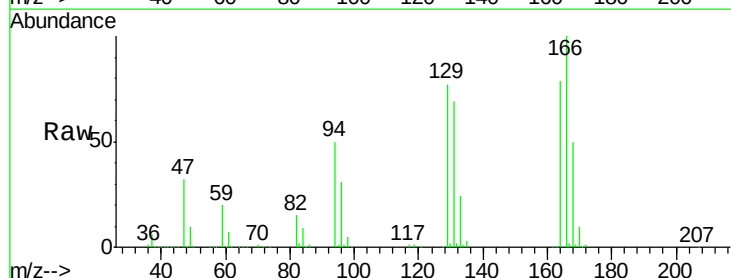


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

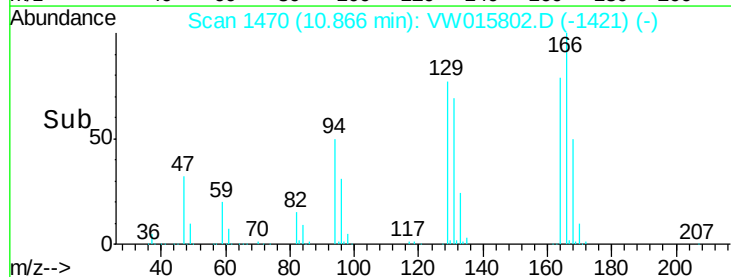
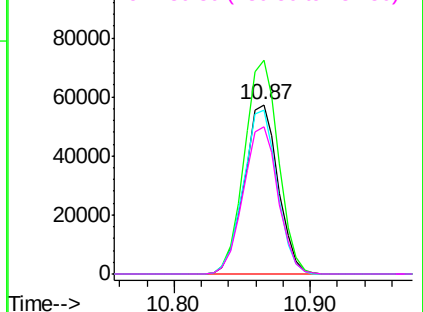


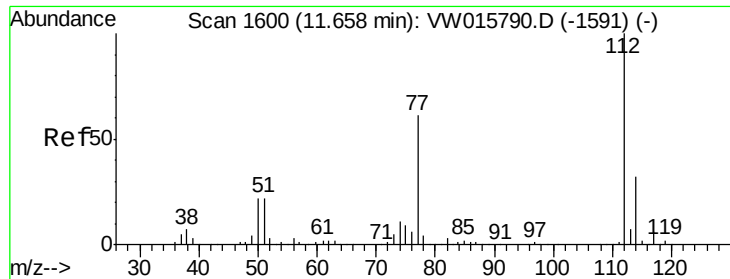
#64
Tetrachloroethene
Concen: 51.526 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Tgt Ion:164 Resp: 100266
Ion Ratio Lower Upper
164 100
166 126.1 105.1 157.7
129 96.5 80.6 121.0
131 86.8 77.8 116.6



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

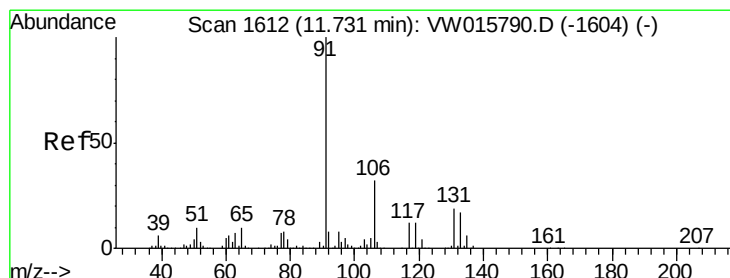
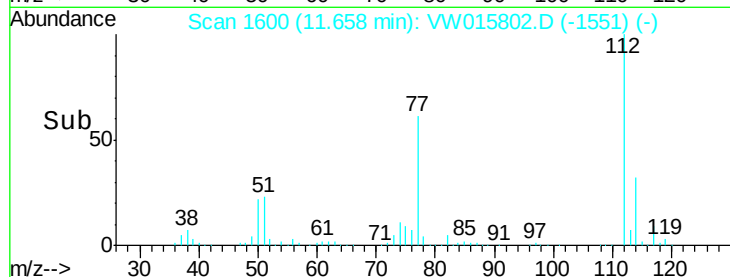
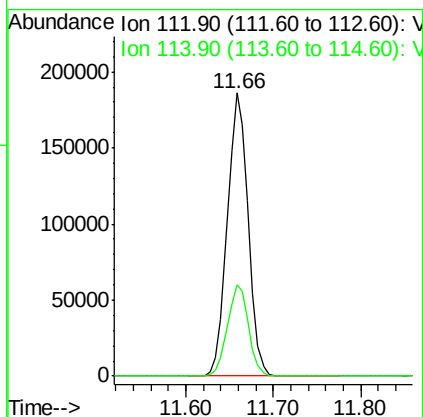
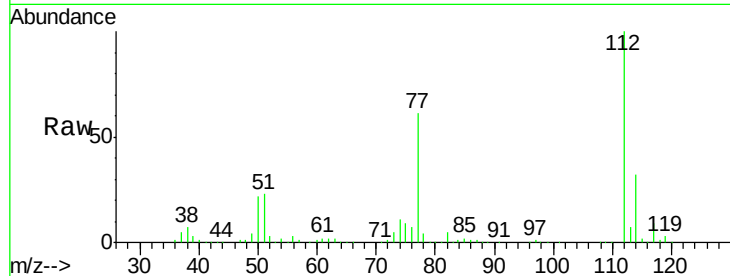




#65
Chlorobenzene
Concen: 51.022 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

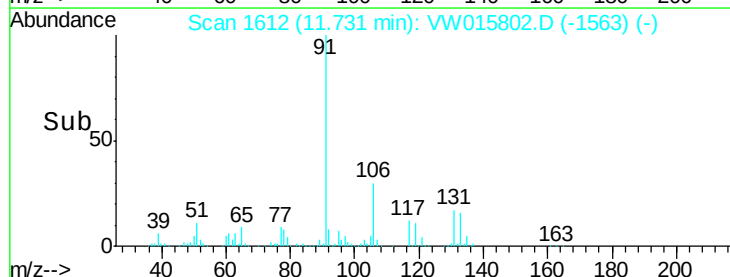
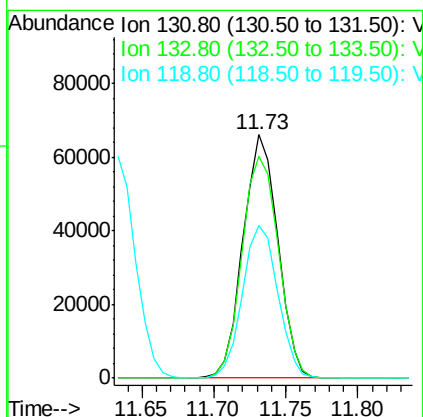
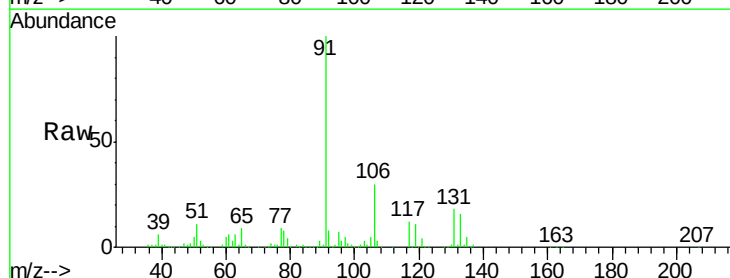
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

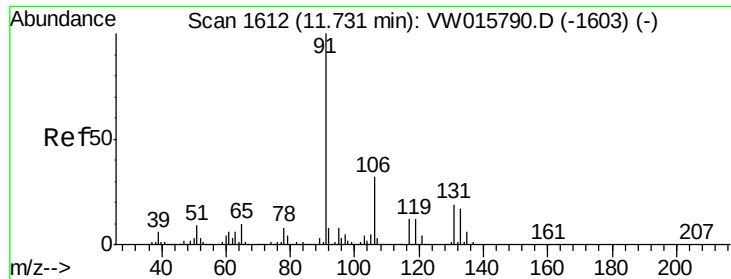
Tot Ion:112 Resp: 306812
Ion Ratio Lower Upper
112 100
114 32.3 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 52.043 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Tgt Ion:131 Resp: 110747
Ion Ratio Lower Upper
131 100
133 95.6 47.0 141.2
119 63.9 32.3 96.8

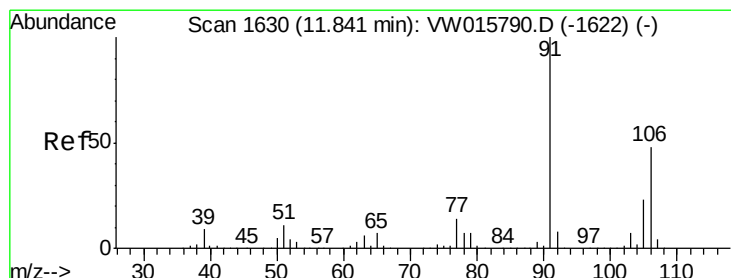
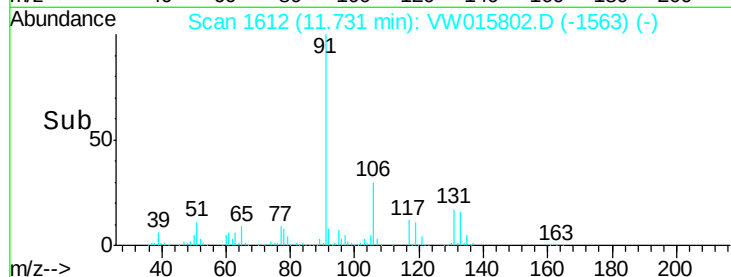
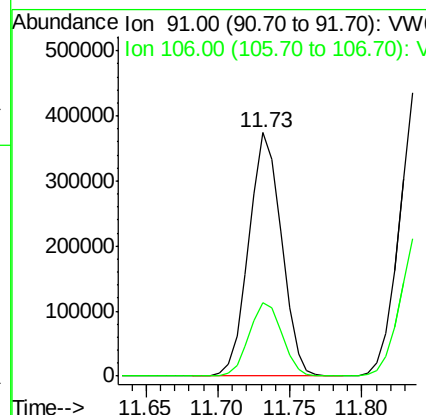
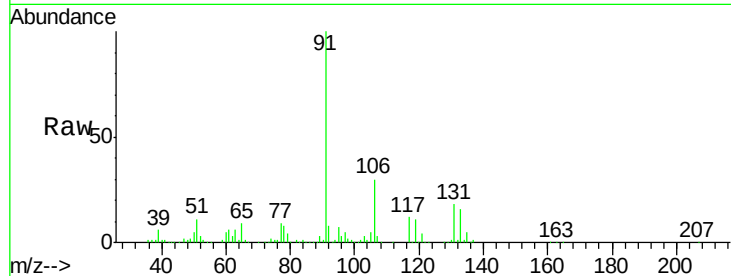




#67
Ethyl Benzene
Concen: 52.634 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

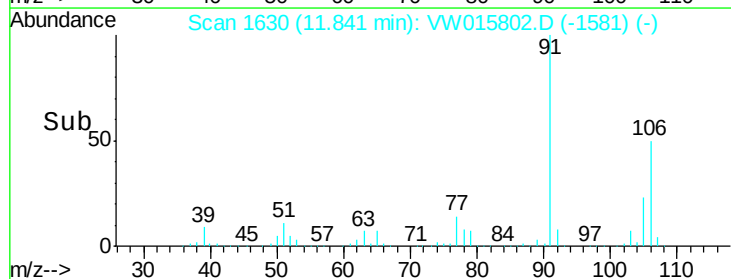
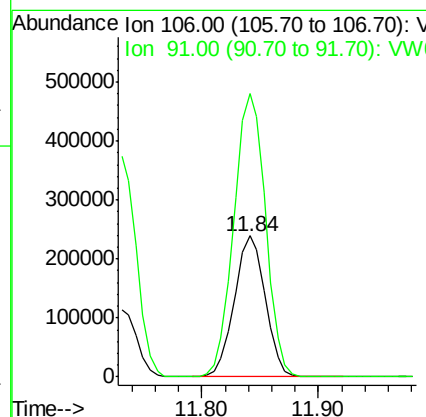
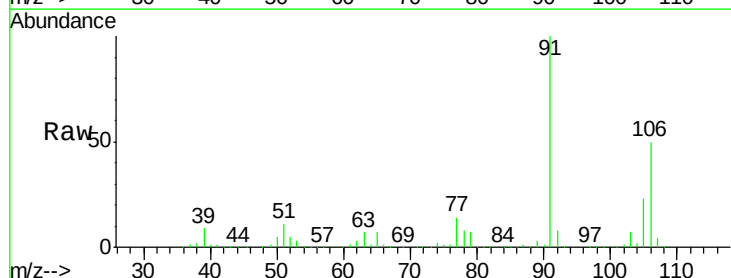
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

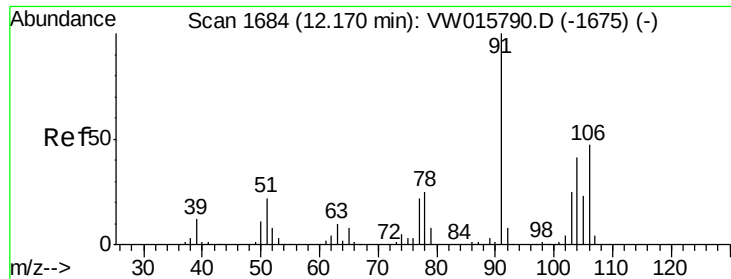
Tot Ion: 91 Resp: 586125
Ion Ratio Lower Upper
91 100
106 30.1 25.8 38.8



#68
m/p-Xylenes
Concen: 105.468 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Tgt Ion: 106 Resp: 441189
Ion Ratio Lower Upper
106 100
91 205.4 164.1 246.1

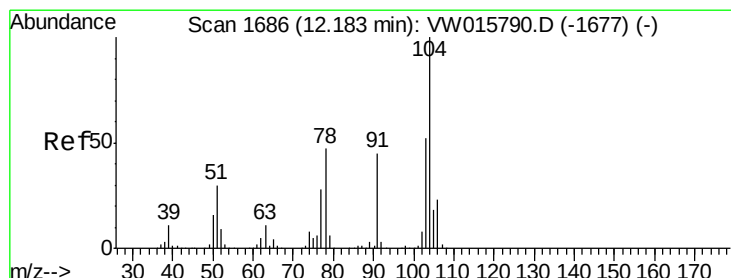
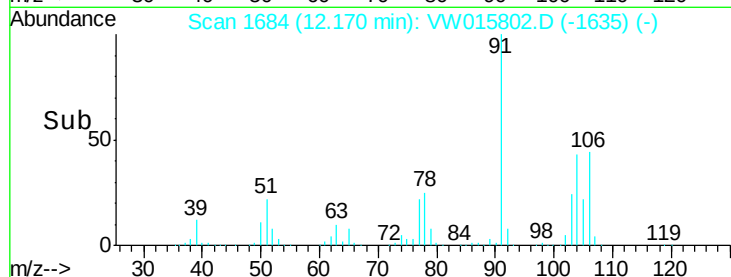
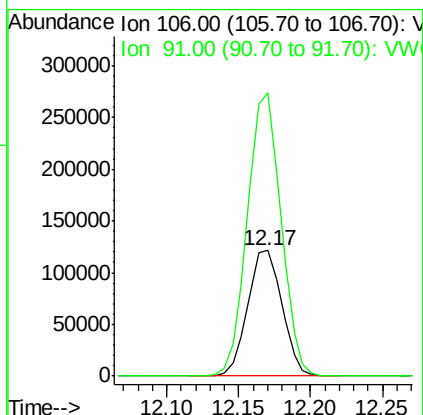
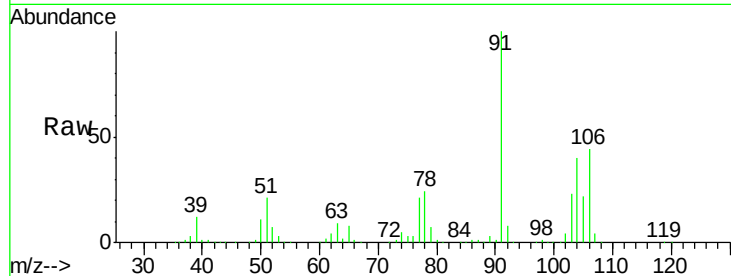




#69
o-Xylene
Concen: 52.415 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

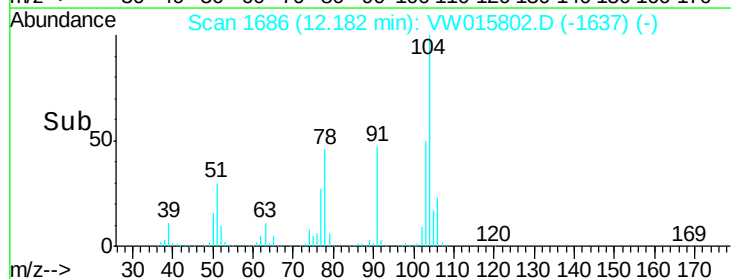
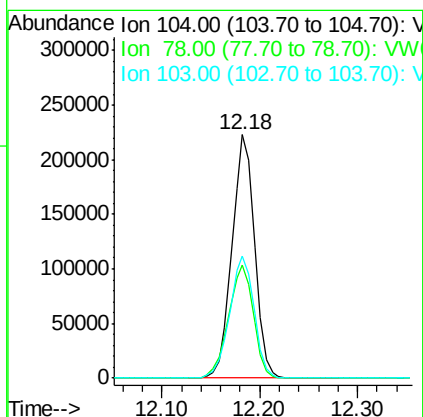
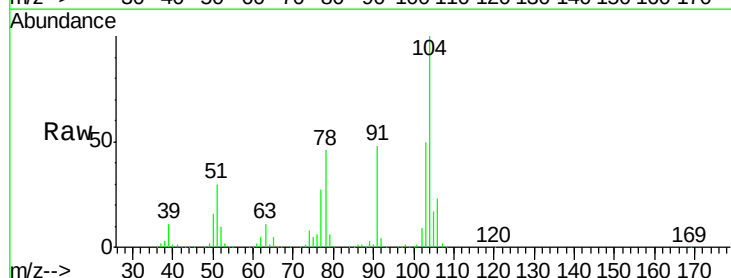
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

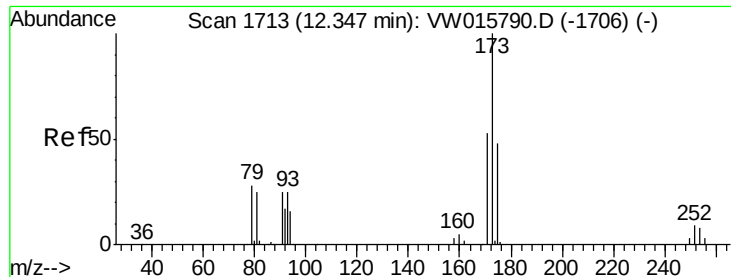
Tot Ion:106 Resp: 200142
Ion Ratio Lower Upper
106 100
91 221.2 108.5 325.3



#70
Styrene
Concen: 54.232 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Tgt Ion:104 Resp: 356308
Ion Ratio Lower Upper
104 100
78 51.2 41.0 61.4
103 54.2 43.8 65.8





#71

Bromoform

Concen: 52.226 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

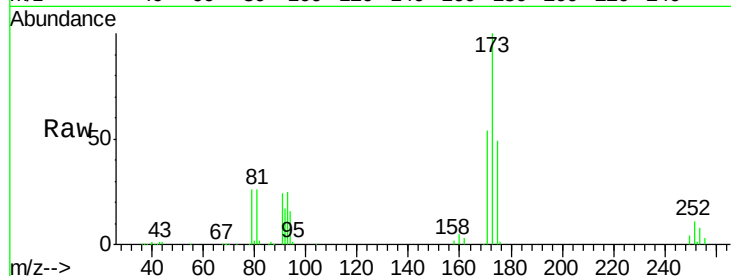
Tot Ion:173 Resp: 50727

Ion Ratio Lower Upper

173 100

175 48.6 23.5 70.5

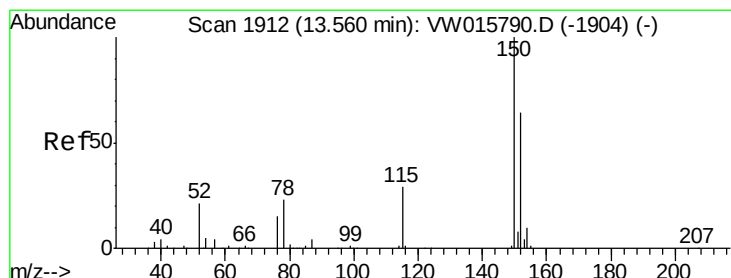
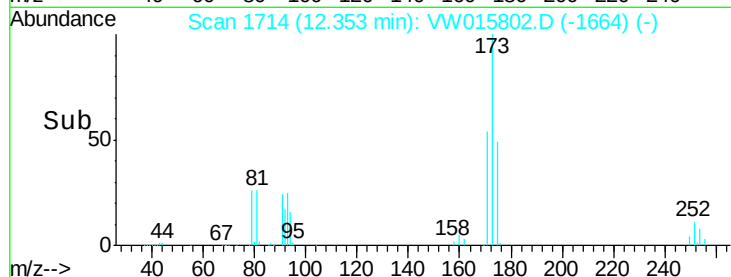
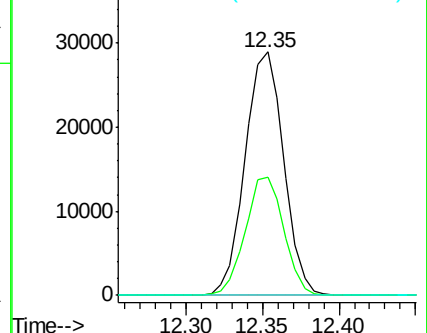
254 0.0 0.0 0.0#



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: VW015802.D

Acq: 08 Jul 2020 11:24

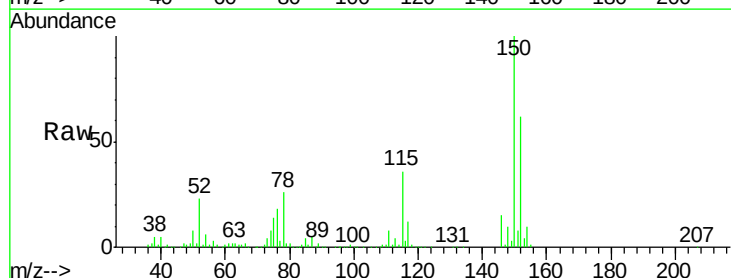
Tgt Ion:152 Resp: 160064

Ion Ratio Lower Upper

152 100

115 59.4 29.9 89.7

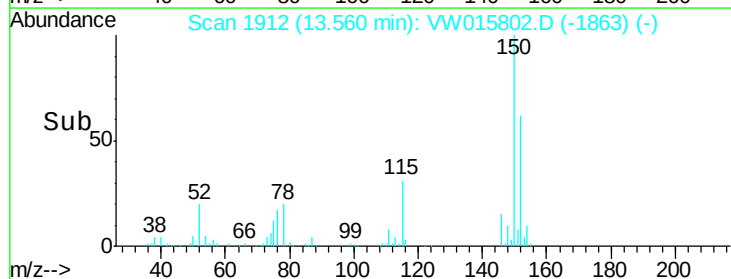
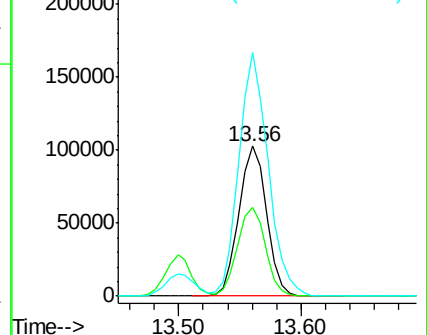
150 172.7 0.0 350.8

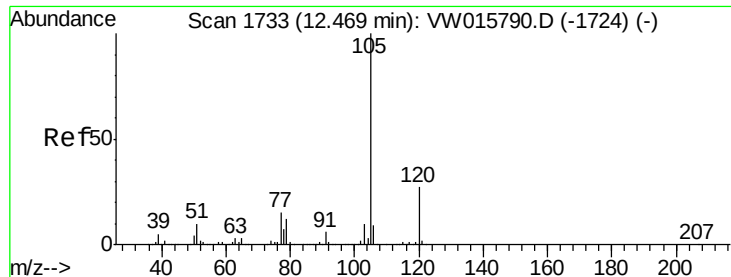


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.704 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

Instrument :

MSVOA_W

ClientSampleId :

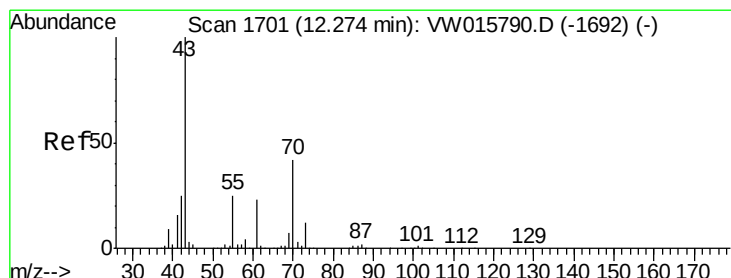
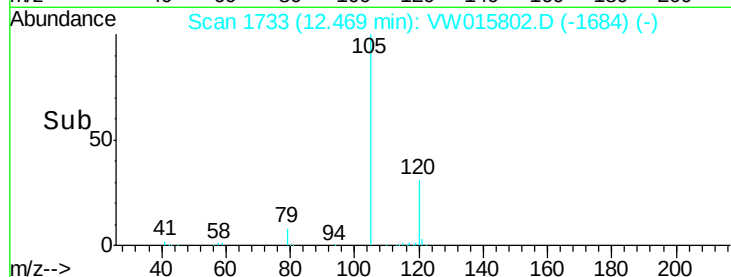
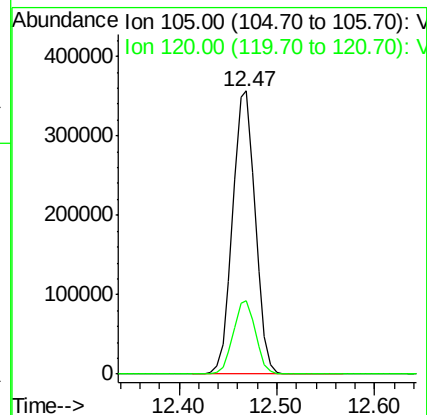
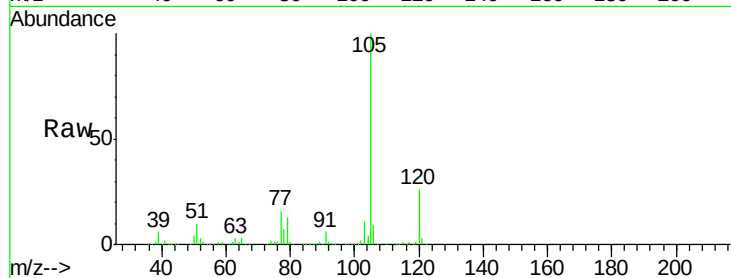
VSTDCCC050

Tot Ion:105 Resp: 571762

Ion Ratio Lower Upper

105 100

120 25.6 13.2 39.6



#74

N-ethyl acetate

Concen: 49.822 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

Tgt Ion: 43 Resp: 120196

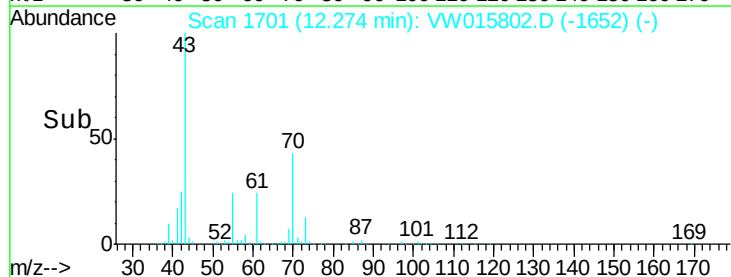
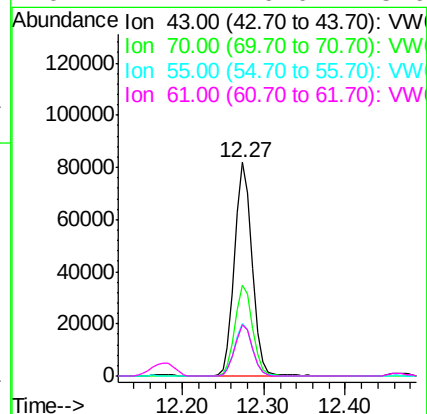
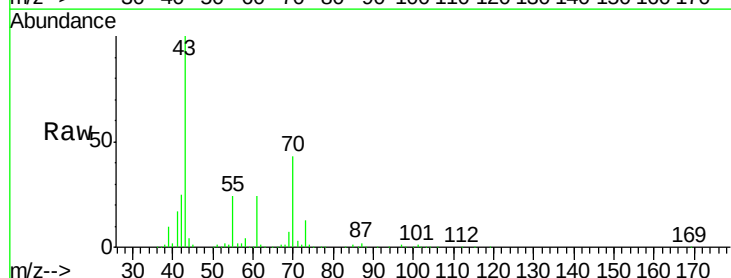
Ion Ratio Lower Upper

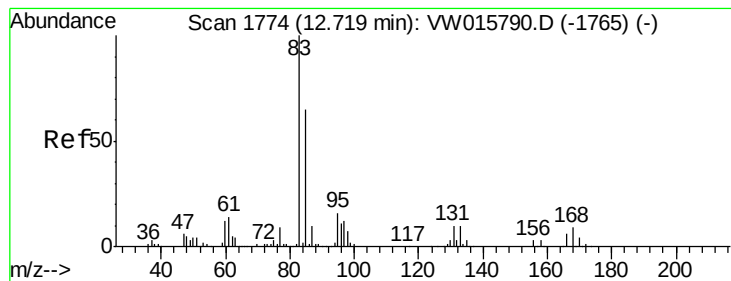
43 100

70 42.9 34.1 51.1

55 24.9 20.0 30.0

61 24.1 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 48.380 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

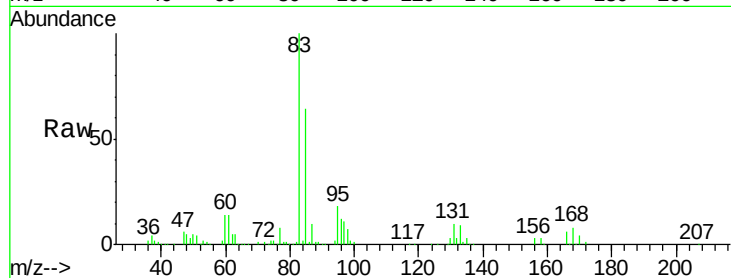
Tot Ion: 83 Resp: 90648

Ion Ratio Lower Upper

83 100

131 10.6 5.3 16.1

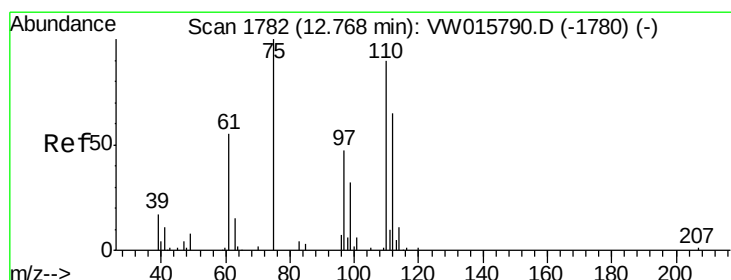
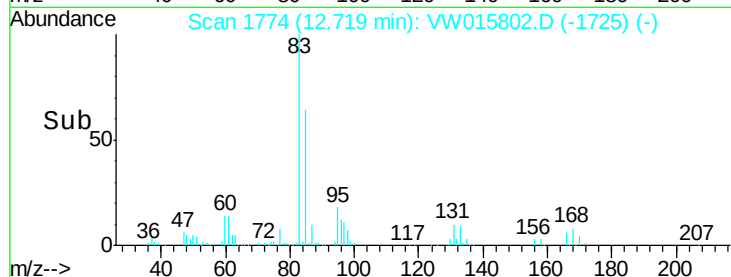
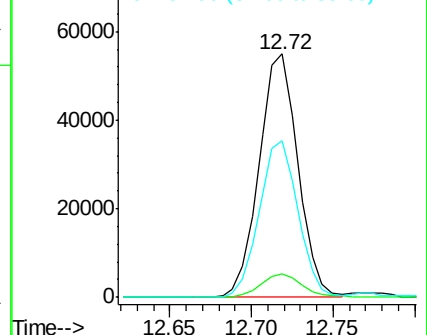
85 64.2 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 84.530 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW015802.D

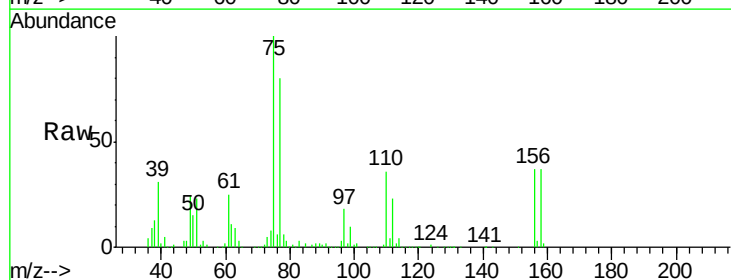
Acq: 08 Jul 2020 11:24

Tgt Ion: 75 Resp: 118912

Ion Ratio Lower Upper

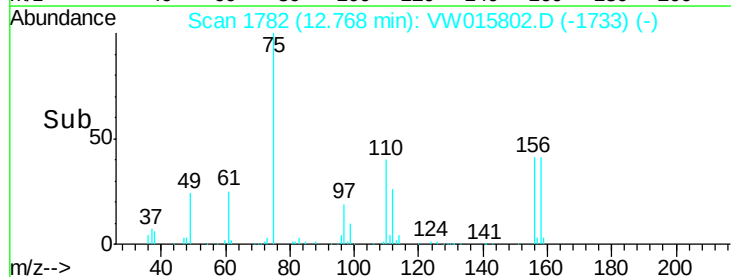
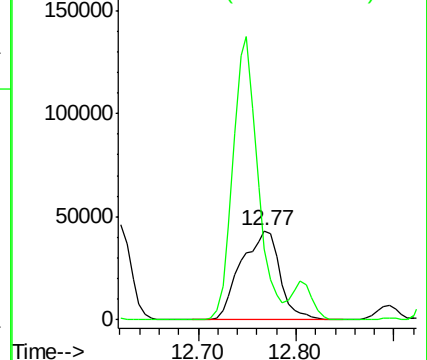
75 100

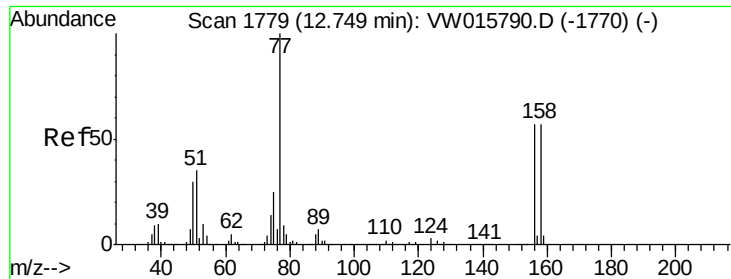
77 204.3 177.3 532.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 49.633 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

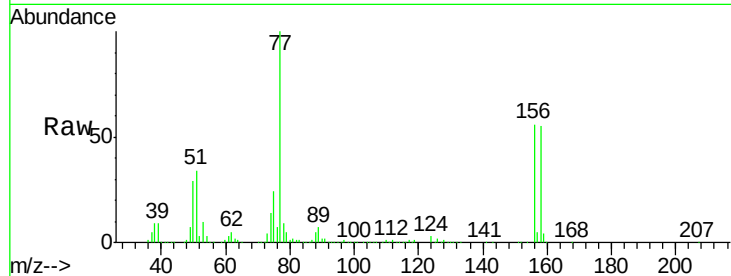
Tot Ion:156 Resp: 125496

Ion Ratio Lower Upper

156 100

77 193.6 98.8 296.4

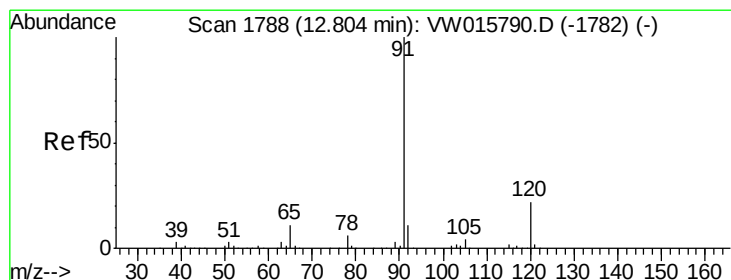
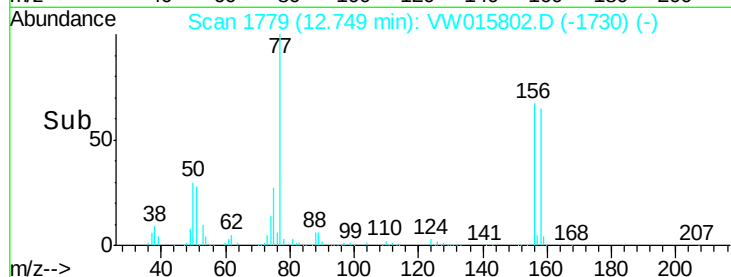
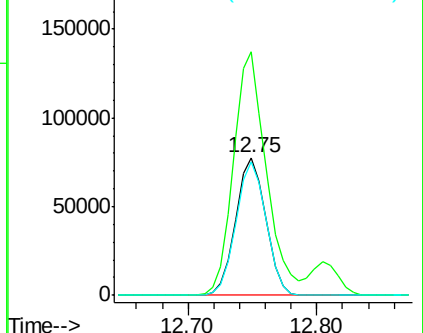
158 96.6 50.0 149.8



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: 51.165 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW015802.D

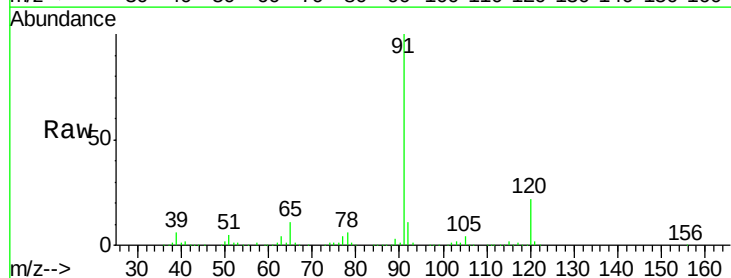
Acq: 08 Jul 2020 11:24

Tgt Ion: 91 Resp: 700299

Ion Ratio Lower Upper

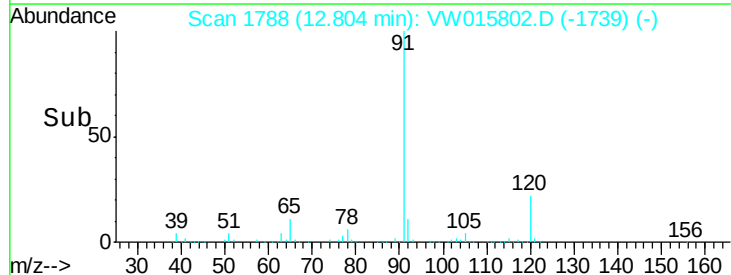
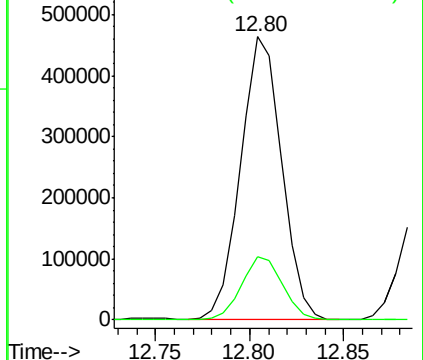
91 100

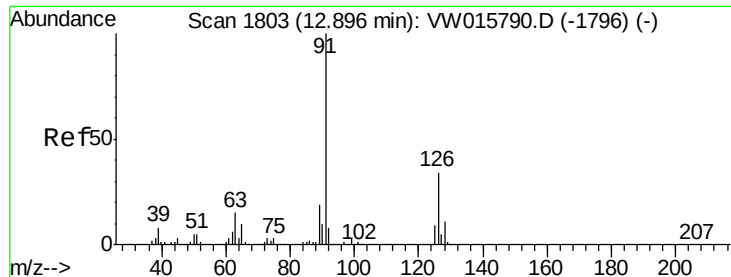
120 22.3 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.988 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

Instrument :

MSVOA_W

ClientSampleId :

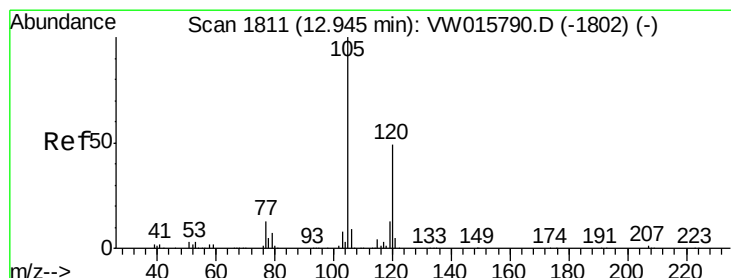
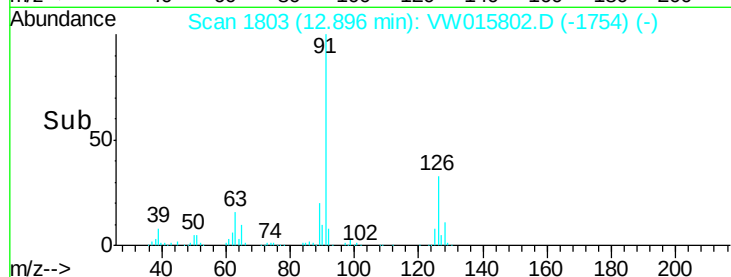
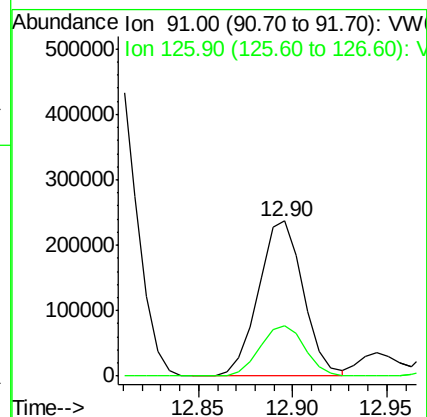
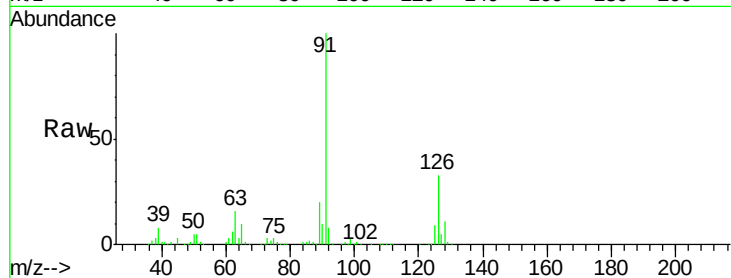
VSTDCCC050

Tot Ion: 91 Resp: 390173

Ion Ratio Lower Upper

91 100

126 32.6 16.5 49.5



#80

1,3,5-Trimethylbenzene

Concen: 51.046 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW015802.D

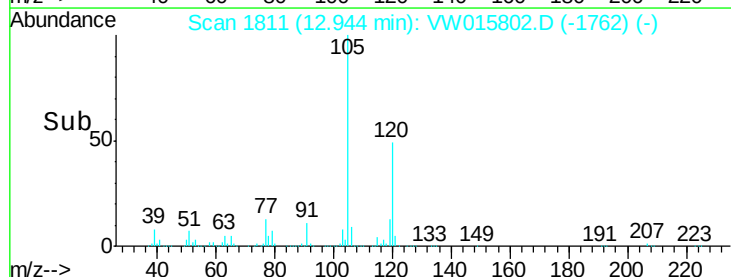
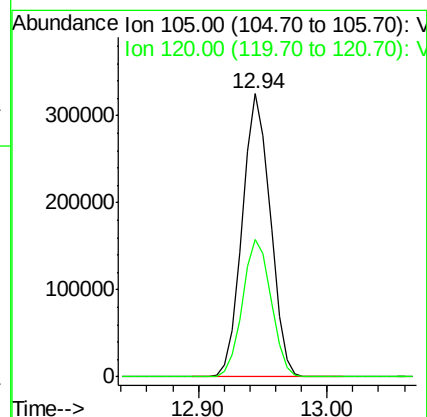
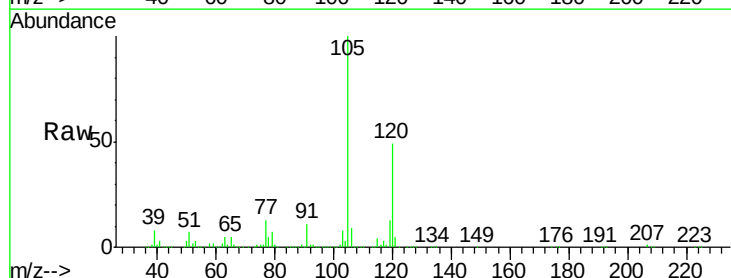
Acq: 08 Jul 2020 11:24

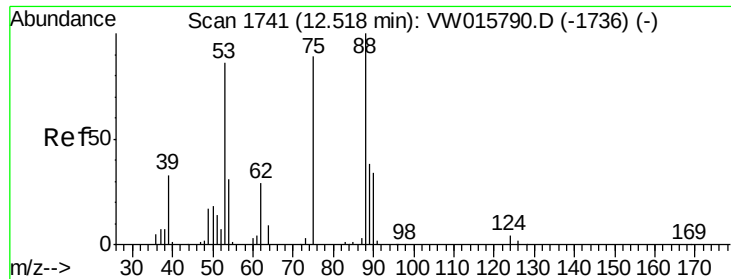
Tgt Ion:105 Resp: 490600

Ion Ratio Lower Upper

105 100

120 49.3 25.1 75.3

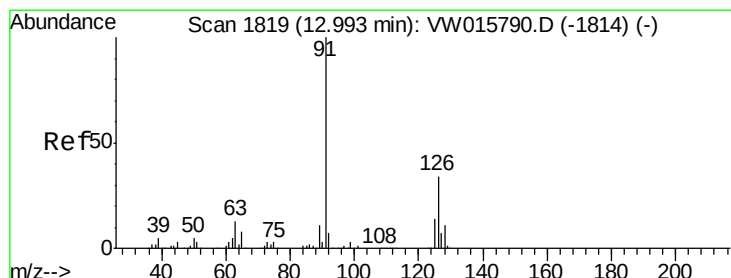
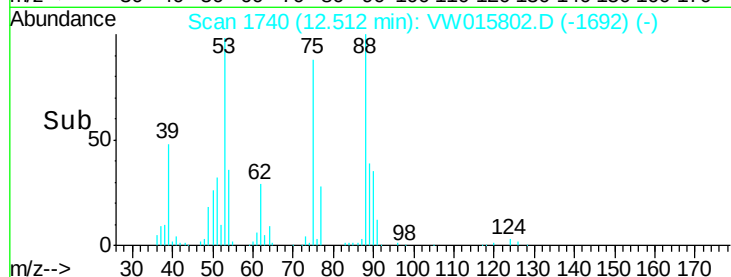
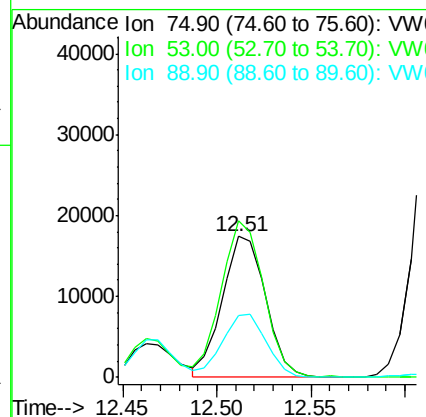
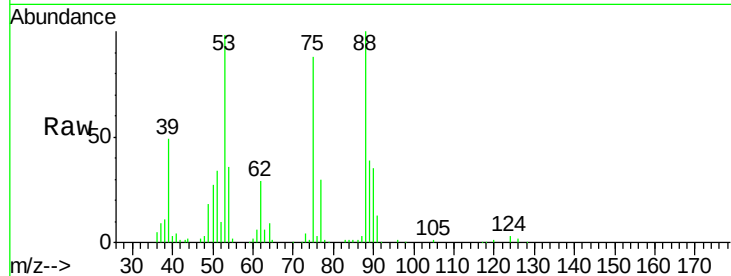




#81
trans-1,4-Dichloro-2-butene
Concen: 44.508 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

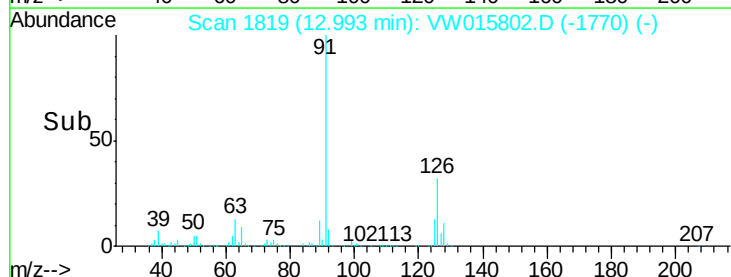
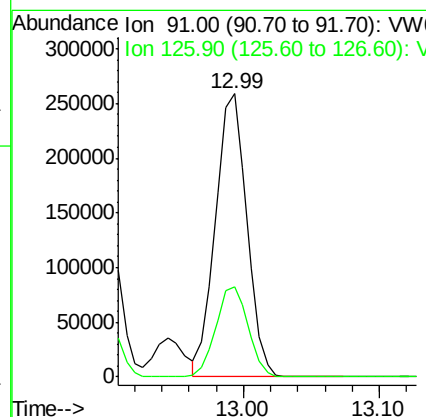
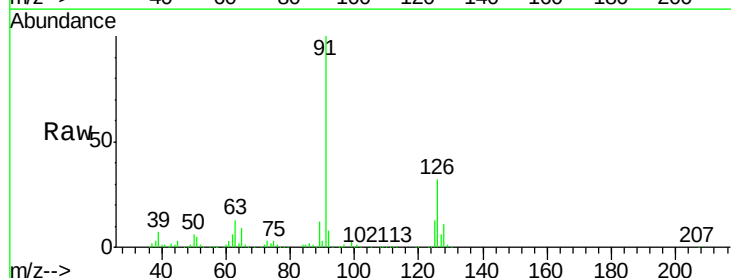
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

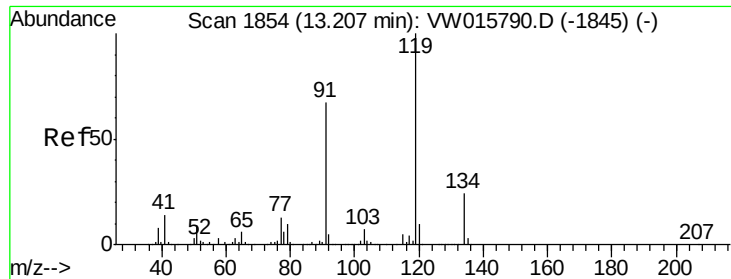
Tot Ion: 75 Resp: 27338
Ion Ratio Lower Upper
75 100
53 111.7 85.9 128.9
89 46.4 36.2 54.4



#82
4-Chlorotoluene
Concen: 50.522 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Tgt Ion: 91 Resp: 411796
Ion Ratio Lower Upper
91 100
126 32.8 16.3 48.9

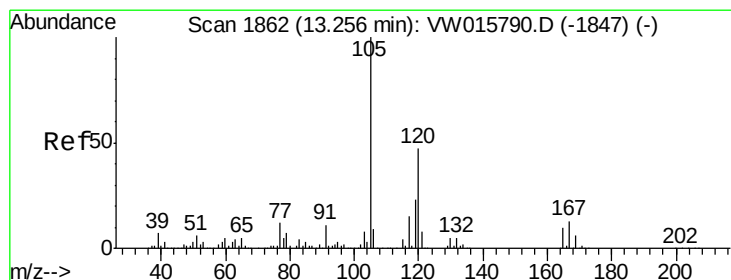
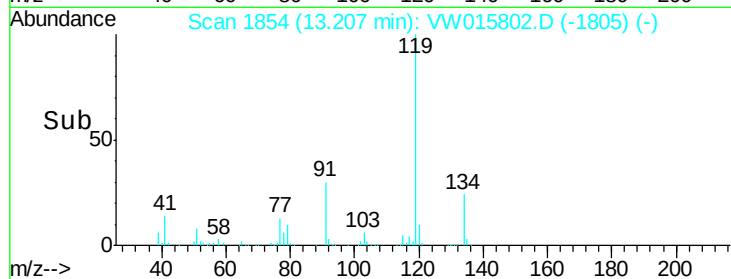
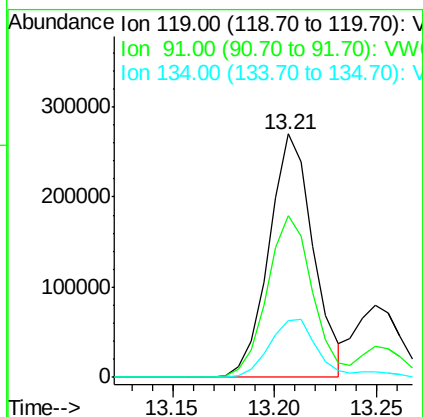
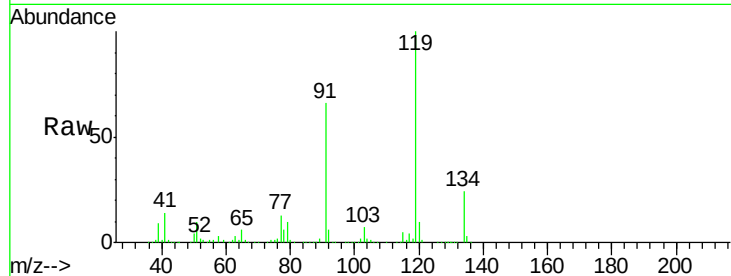




#83
tert-Butylbenzene
Concen: 51.342 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

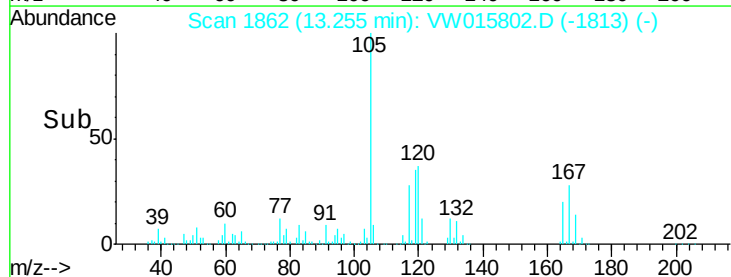
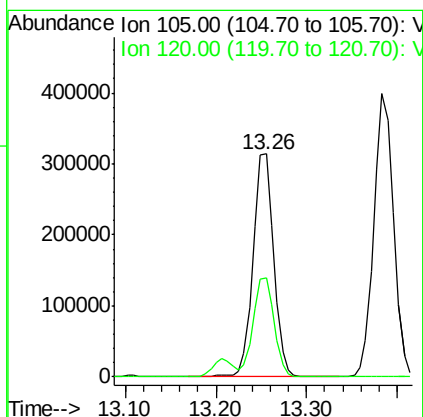
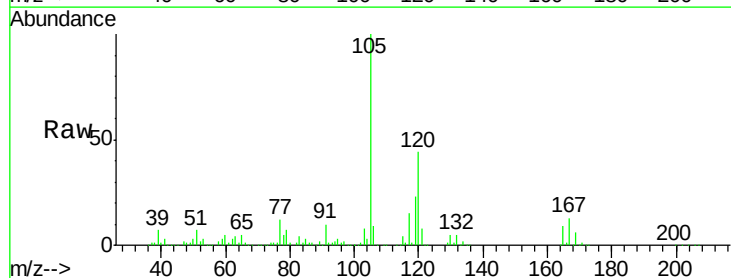
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

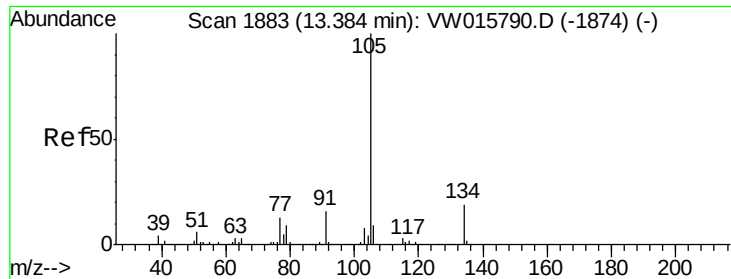
Tot Ion:119 Resp: 409655
Ion Ratio Lower Upper
119 100
91 68.3 34.4 103.3
134 25.4 13.6 40.7



#84
1,2,4-Trimethylbenzene
Concen: 51.616 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Tgt Ion:105 Resp: 495407
Ion Ratio Lower Upper
105 100
120 45.0 22.8 68.4





#85

sec-Butylbenzene

Concen: 52.077 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

Instrument :

MSVOA_W

ClientSampleId :

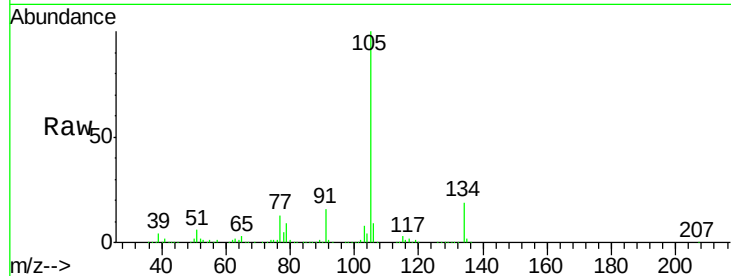
VSTDCCC050

Tot Ion:105 Resp: 600093

Ion Ratio Lower Upper

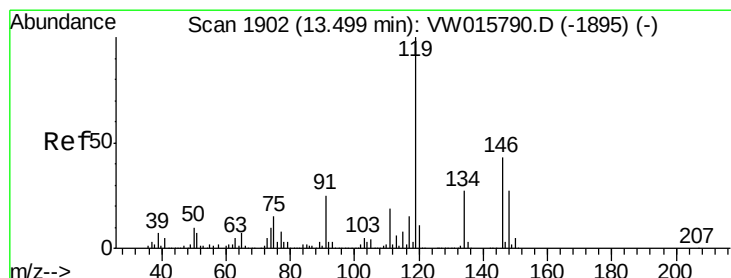
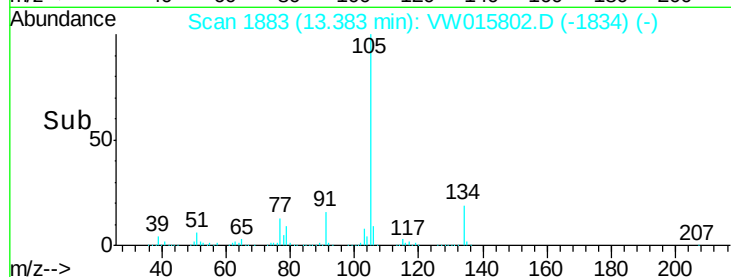
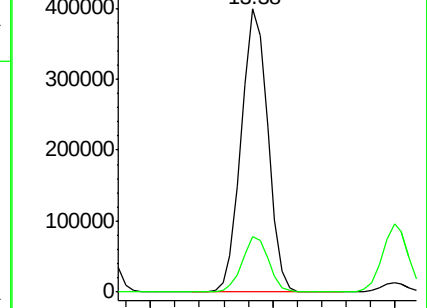
105 100

134 19.5 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.493 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

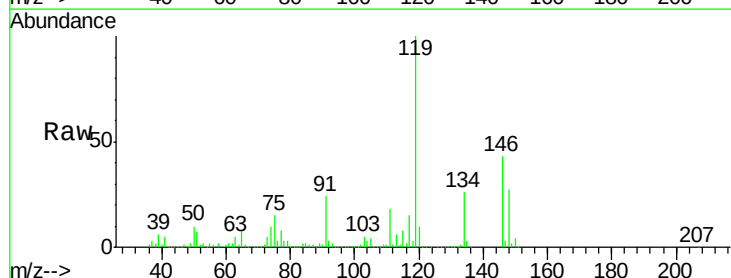
Tgt Ion:119 Resp: 541829

Ion Ratio Lower Upper

119 100

134 26.0 13.2 39.6

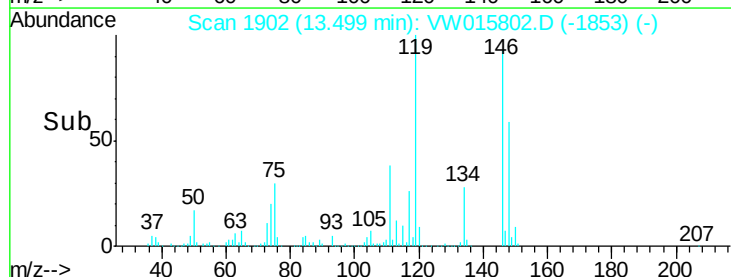
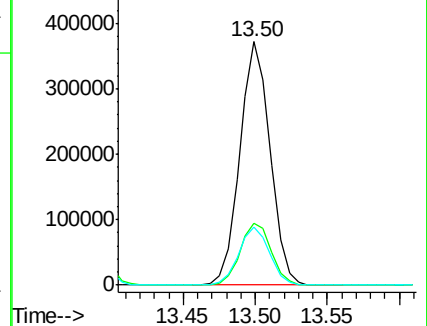
91 24.3 12.2 36.6

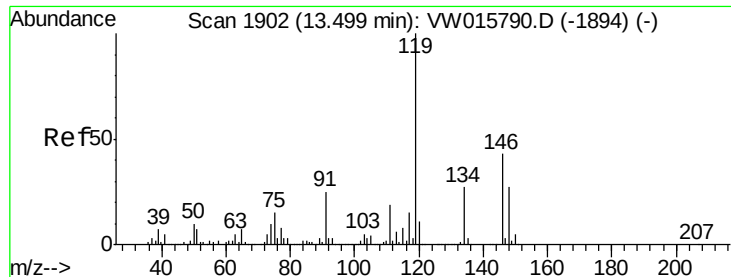


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

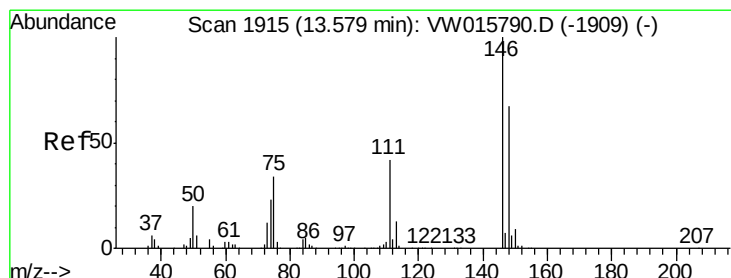
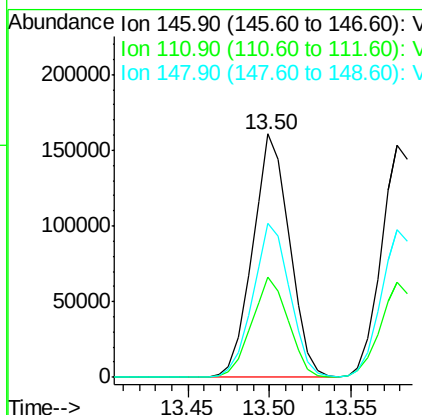
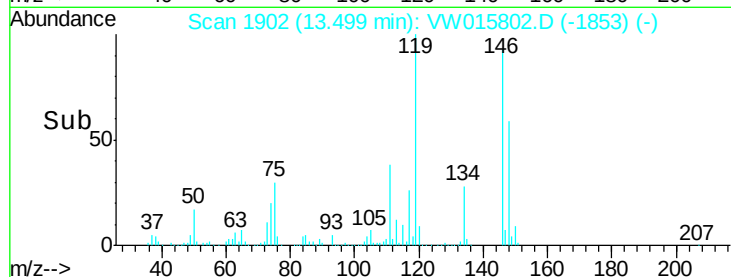
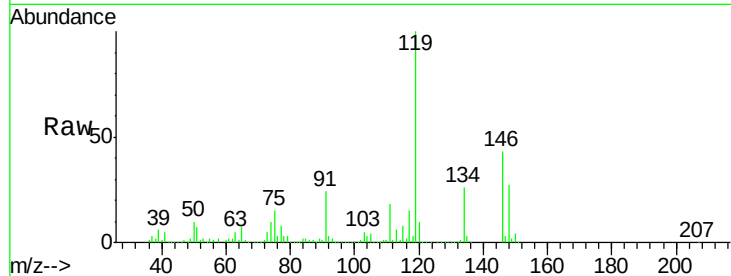




#87
 1,3-Dichlorobenzene
 Concen: 49.787 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW015802.D
 Acq: 08 Jul 2020 11:24

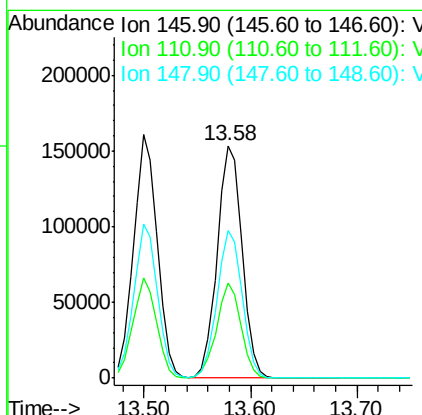
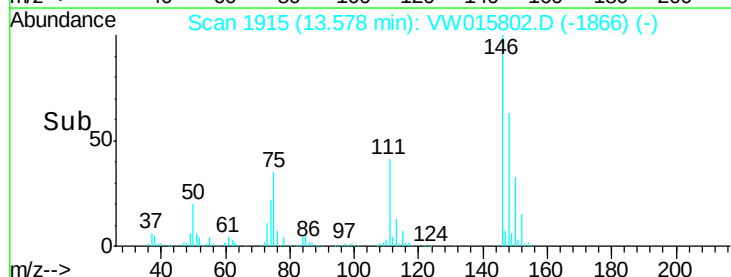
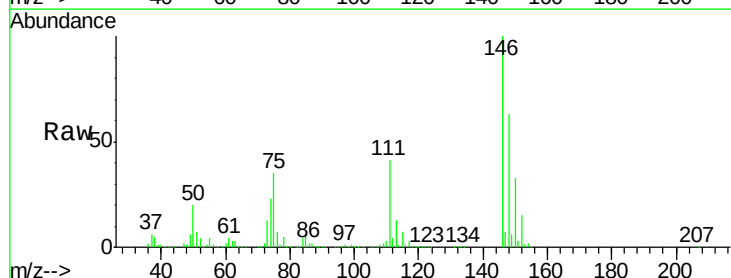
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

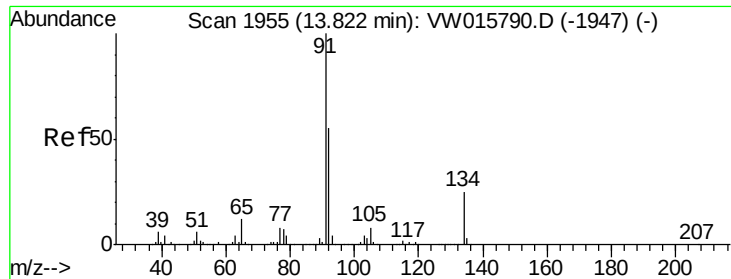
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.8	62.4
148	63.5	31.4	94.2



#88
 1,4-Dichlorobenzene
 Concen: 50.246 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW015802.D
 Acq: 08 Jul 2020 11:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.2	60.6
148	63.7	31.8	95.4

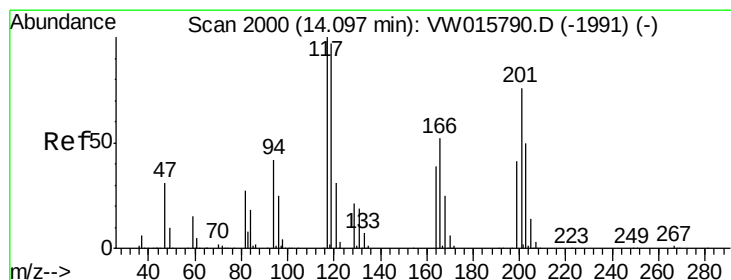
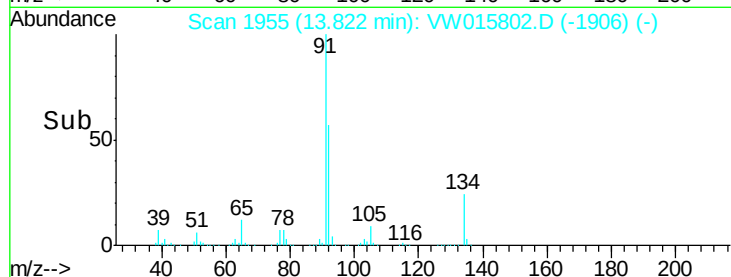
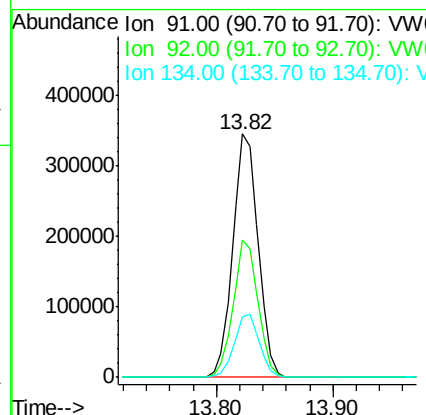
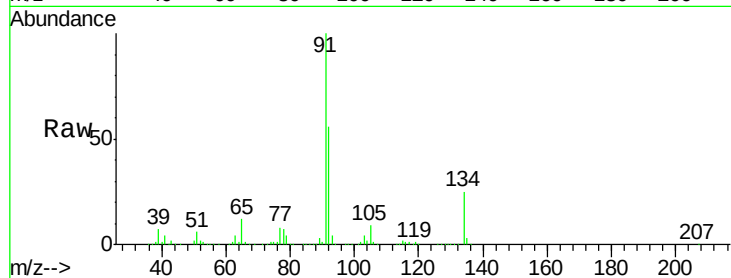




#89
n-Butylbenzene
Concen: 51.709 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

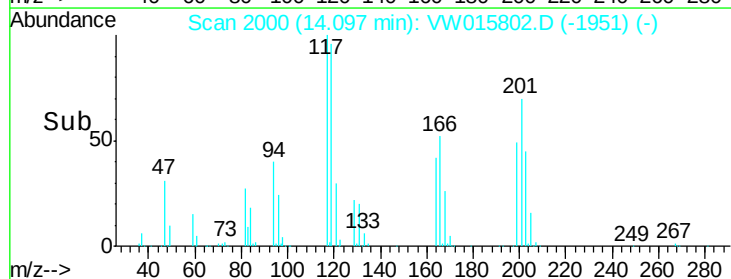
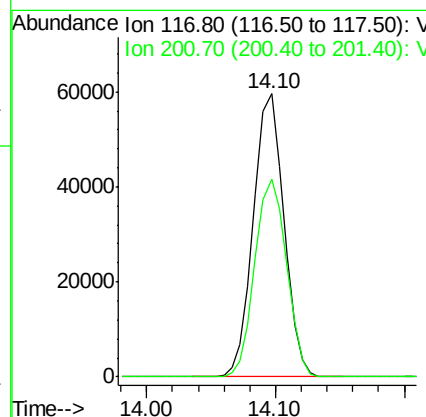
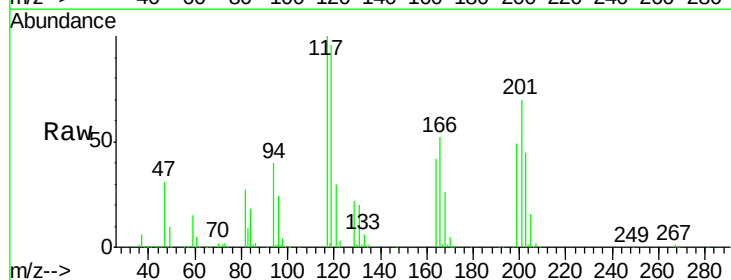
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

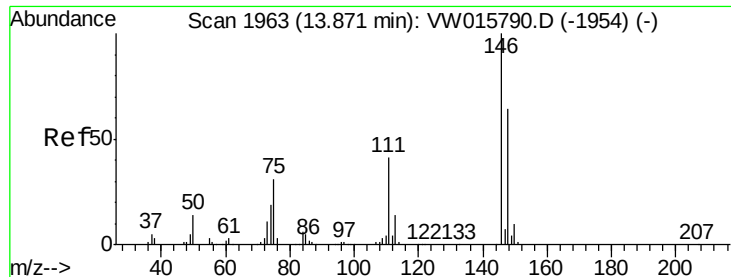
Tot Ion: 91 Resp: 520687
Ion Ratio Lower Upper
91 100
92 55.1 27.2 81.6
134 25.7 12.7 38.1



#90
Hexachloroethane
Concen: 51.295 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Tgt Ion: 117 Resp: 97832
Ion Ratio Lower Upper
117 100
201 72.5 37.1 111.3

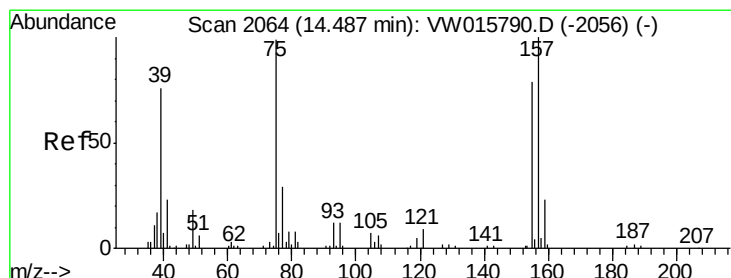
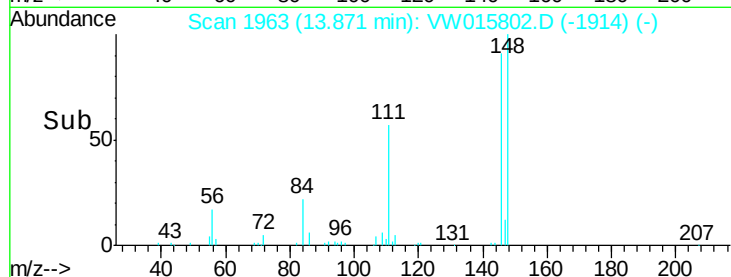
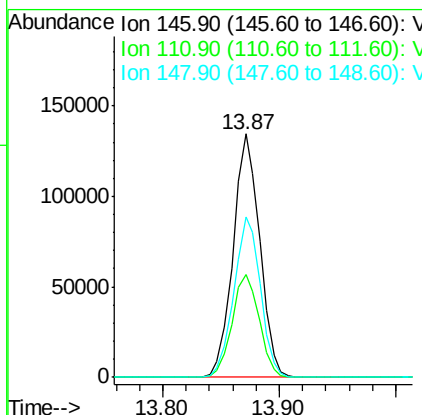
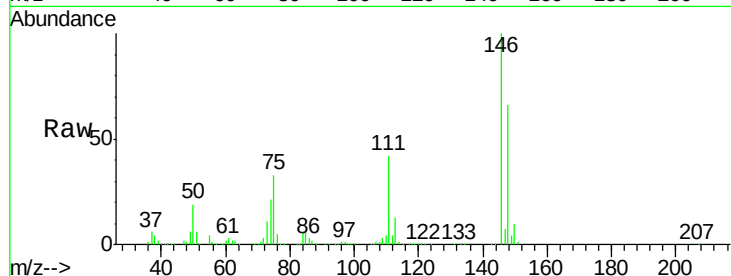




#91
 1,2-Dichlorobenzene
 Concen: 48.610 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW015802.D
 Acq: 08 Jul 2020 11:24

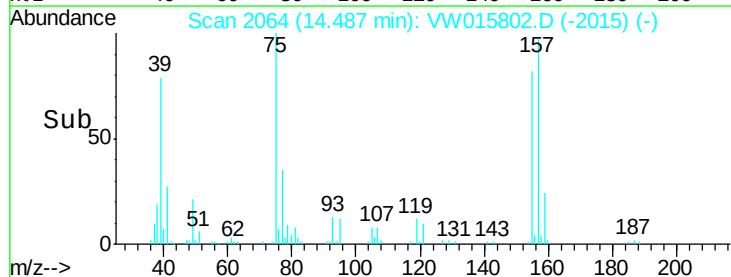
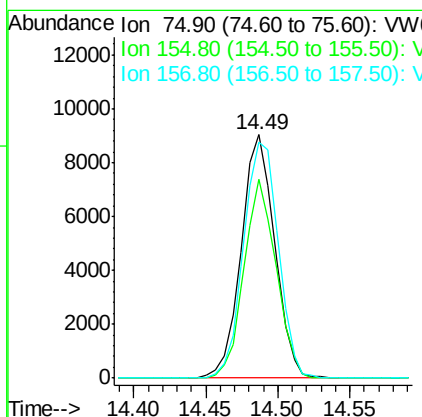
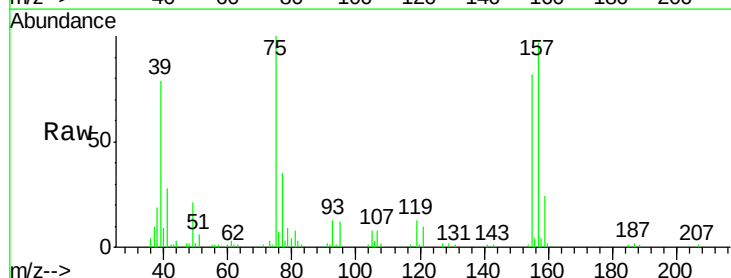
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

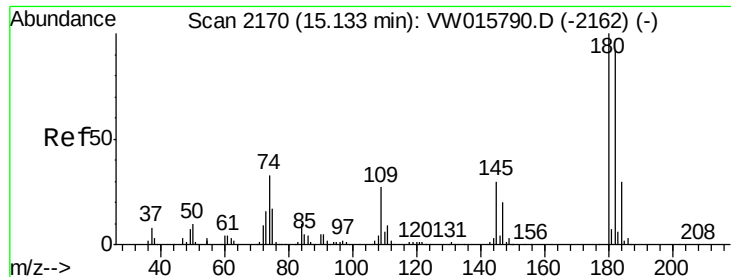
Tot Ion:146 Resp: 213452
 Ion Ratio Lower Upper
 146 100
 111 43.1 20.6 61.9
 148 65.8 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.488 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW015802.D
 Acq: 08 Jul 2020 11:24

Tgt Ion: 75 Resp: 14516
 Ion Ratio Lower Upper
 75 100
 155 78.2 39.1 117.5
 157 100.8 49.1 147.4

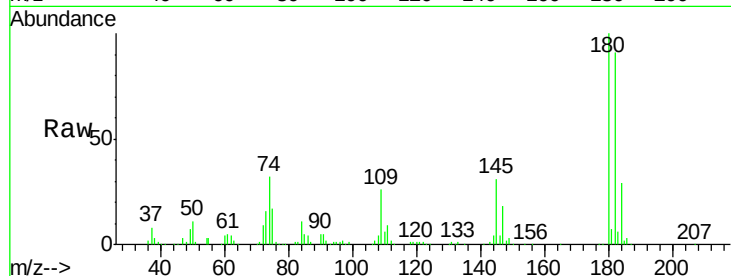




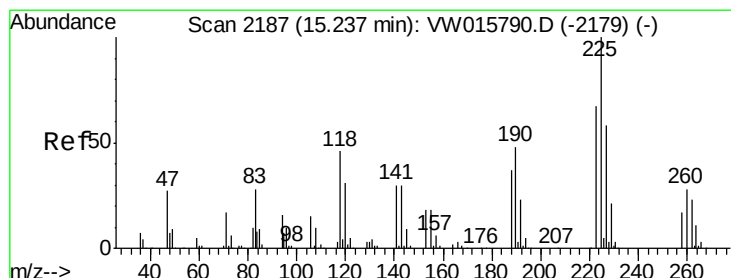
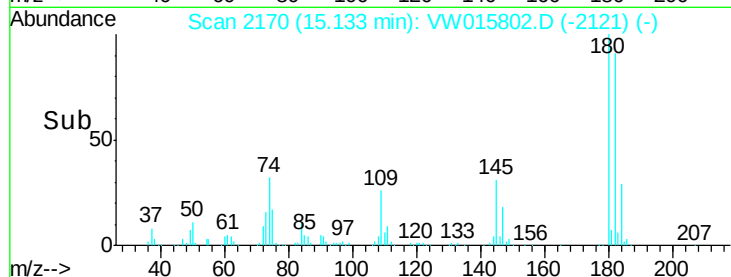
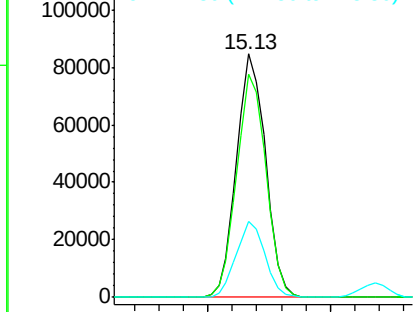
#93
1,2,4-Trichlorobenzene
Concen: 50.415 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:180 Resp: 139569
Ion Ratio Lower Upper
180 100
182 92.5 46.8 140.3
145 30.9 15.4 46.4

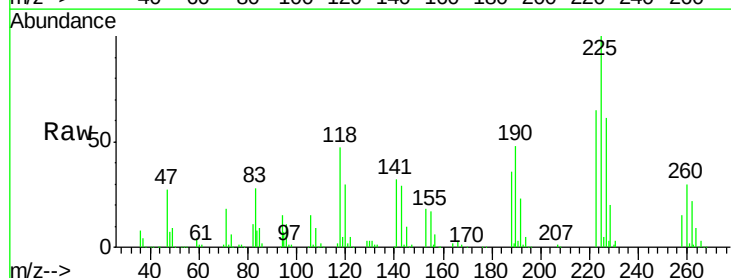


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

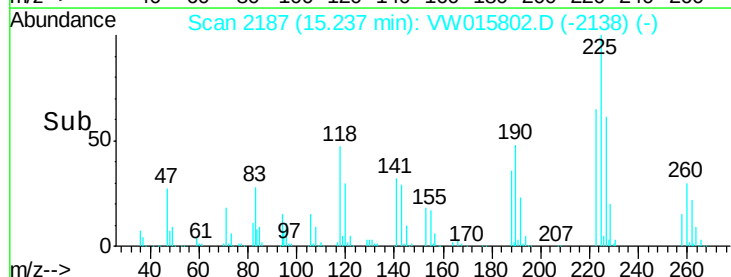
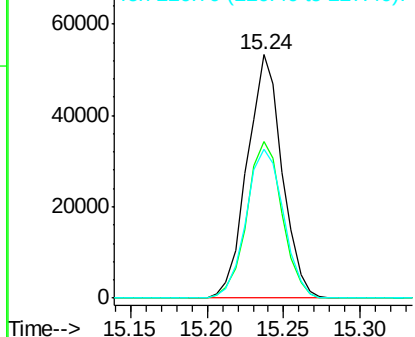


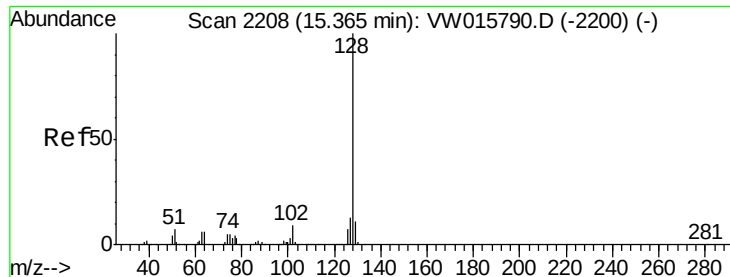
#94
Hexachlorobutadiene
Concen: 48.082 ug/l
RT: 15.24 min Scan# 2187
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Tgt Ion:225 Resp: 84513
Ion Ratio Lower Upper
225 100
223 65.1 32.4 97.2
227 65.3 30.7 92.1



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

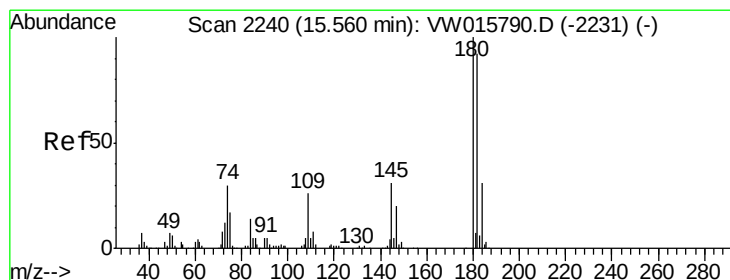
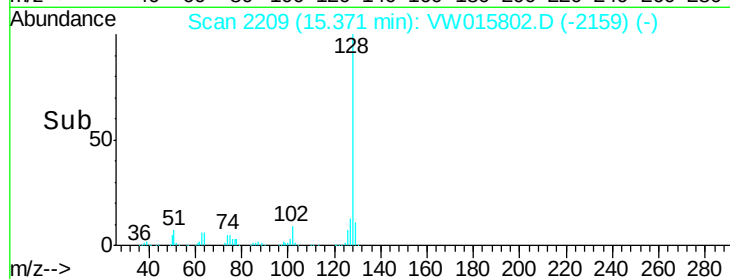
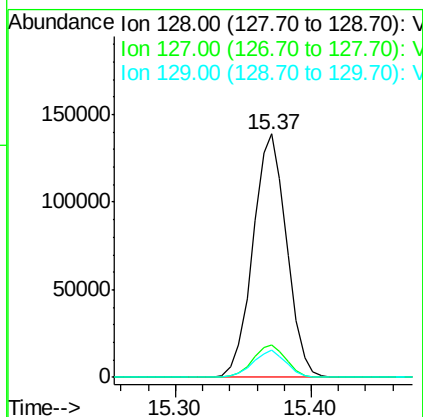
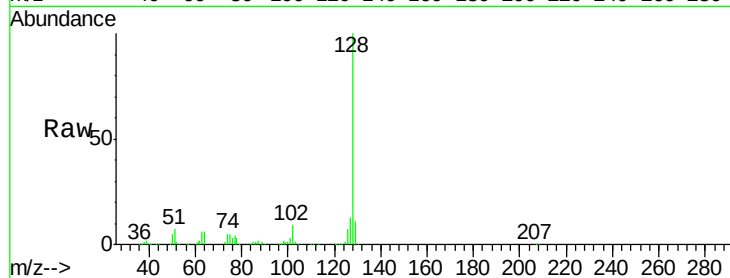




#95
Naphthalene
Concen: 46.814 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 241092
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.534 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Tgt Ion:180 Resp: 116685
Ion Ratio Lower Upper
180 100
182 97.1 47.7 143.1
145 33.2 16.7 50.0

