

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050720\
 Data File : VW015420.D
 Acq On : 07 May 2020 15:58
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 08 07:36:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050620S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 18:41:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	190448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	306621	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	275831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	138840	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	108549	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
35) Dibromofluoromethane	7.88	113	90357	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
50) Toluene-d8	10.32	98	370275	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
62) 4-Bromofluorobenzene	12.61	95	138796	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	59152	53.722	ug/l	98
3) Chloromethane	2.21	50	69139	50.157	ug/l	99
4) Vinyl Chloride	2.37	62	106475	51.004	ug/l	98
5) Bromomethane	2.78	94	73835	45.147	ug/l	96
6) Chloroethane	2.93	64	69073	48.015	ug/l	98
7) Trichlorofluoromethane	3.26	101	78700	51.397	ug/l	99
8) Diethyl Ether	3.68	74	51085	53.389	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	94240	53.092	ug/l	99
10) Methyl Iodide	4.27	142	137247	51.098	ug/l	99
11) Tert butyl alcohol	5.17	59	45412	376.166	ug/l	99
12) 1,1-Dichloroethene	4.04	96	94528	51.353	ug/l	95
13) Acrolein	3.89	56	47587	308.677	ug/l	99
14) Allyl chloride	4.67	41	165968	51.459	ug/l	100
15) Acrylonitrile	5.37	53	125517	322.310	ug/l	99
16) Acetone	4.12	43	121050	372.204	ug/l	99
17) Carbon Disulfide	4.38	76	290928	51.545	ug/l	99
18) Methyl Acetate	4.67	43	53843	62.364	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	166628	56.340	ug/l	97
20) Methylene Chloride	4.91	84	99643	46.958	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	107105	51.258	ug/l	98
22) Diisopropyl ether	6.31	45	322087	51.105	ug/l	98
23) Vinyl Acetate	6.26	43	1085206	283.256	ug/l	99
24) 1,1-Dichloroethane	6.21	63	190930	50.533	ug/l	99
25) 2-Butanone	7.17	43	169980	335.317	ug/l	97
26) 2,2-Dichloropropane	7.16	77	129287	51.627	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	114694	50.550	ug/l	100
28) Bromochloromethane	7.51	49	76367	50.267	ug/l	99
29) Tetrahydrofuran	7.53	42	110899	332.419	ug/l	99
30) Chloroform	7.68	83	186870	49.778	ug/l	100
31) Cyclohexane	7.96	56	190265	49.596	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	165230	52.368	ug/l	100
36) 1,1-Dichloropropene	8.08	75	160784	53.372	ug/l	99
37) Ethyl Acetate	7.26	43	78278	66.967	ug/l	99
38) Carbon Tetrachloride	8.07	117	150618	53.481	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	204425	53.608	ug/l	97
40) Benzene	8.32	78	428635	52.170	ug/l	100
41) Methacrylonitrile	7.49	41	43924	59.473	ug/l	96
42) 1,2-Dichloroethane	8.40	62	138773	55.454	ug/l	100
43) Isopropyl Acetate	8.43	43	154334	62.780	ug/l	98
44) Trichloroethene	9.09	130	111617	52.415	ug/l	97
45) 1,2-Dichloropropane	9.37	63	105284	51.873	ug/l	100
46) Dibromomethane	9.46	93	56639	56.107	ug/l	98
47) Bromodichloromethane	9.65	83	146786	53.354	ug/l	97
48) Methyl methacrylate	9.43	41	70532	62.113	ug/l	98
49) 1,4-Dioxane	9.44	88	20056	1578.716	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	382488	331.995	ug/l	99
52) Toluene	10.39	92	275549	51.608	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	156164	55.611	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	176107	53.261	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	79081	55.398	ug/l	96
56) Ethyl methacrylate	10.65	69	117335	59.823	ug/l	99
57) 1,3-Dichloropropane	10.93	76	143988	56.101	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	280659	294.129	ug/l	100
59) 2-Hexanone	10.97	43	267223	342.797	ug/l	100
60) Dibromochloromethane	11.13	129	96584	56.257	ug/l	98
61) 1,2-Dibromoethane	11.24	107	78650	58.189	ug/l	99
64) Tetrachloroethene	10.86	164	91405	54.215	ug/l	95
65) Chlorobenzene	11.66	112	282670	51.976	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	102588	53.204	ug/l	97
67) Ethyl Benzene	11.73	91	548316	52.675	ug/l	97
68) m/p-Xylenes	11.84	106	410222	105.995	ug/l	99
69) o-Xylene	12.16	106	191661	52.700	ug/l	99
70) Styrene	12.18	104	338409	54.027	ug/l	99
71) Bromoform	12.35	173	57033	60.651	ug/l	# 99
73) Isopropylbenzene	12.46	105	533535	51.473	ug/l	99
74) N-amyl acetate	12.27	43	146856	59.937	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	99237	61.200	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	67813m	59.373	ug/l	
77) Bromobenzene	12.74	156	112305	51.126	ug/l	95
78) n-propylbenzene	12.80	91	647216	52.044	ug/l	99
79) 2-Chlorotoluene	12.89	91	364315	51.970	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	454316	52.035	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	36135	62.579	ug/l	99
82) 4-Chlorotoluene	12.99	91	389790	52.468	ug/l	100
83) tert-Butylbenzene	13.21	119	393590	52.831	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	456468	52.261	ug/l	98
85) sec-Butylbenzene	13.38	105	555646	52.935	ug/l	100
86) p-Isopropyltoluene	13.50	119	505899	52.843	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	226635	51.796	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	226113	52.179	ug/l	99
89) n-Butylbenzene	13.82	91	495041	52.820	ug/l	99
90) Hexachloroethane	14.09	117	91184	51.686	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	202880	53.550	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	18229	64.395	ug/l	98

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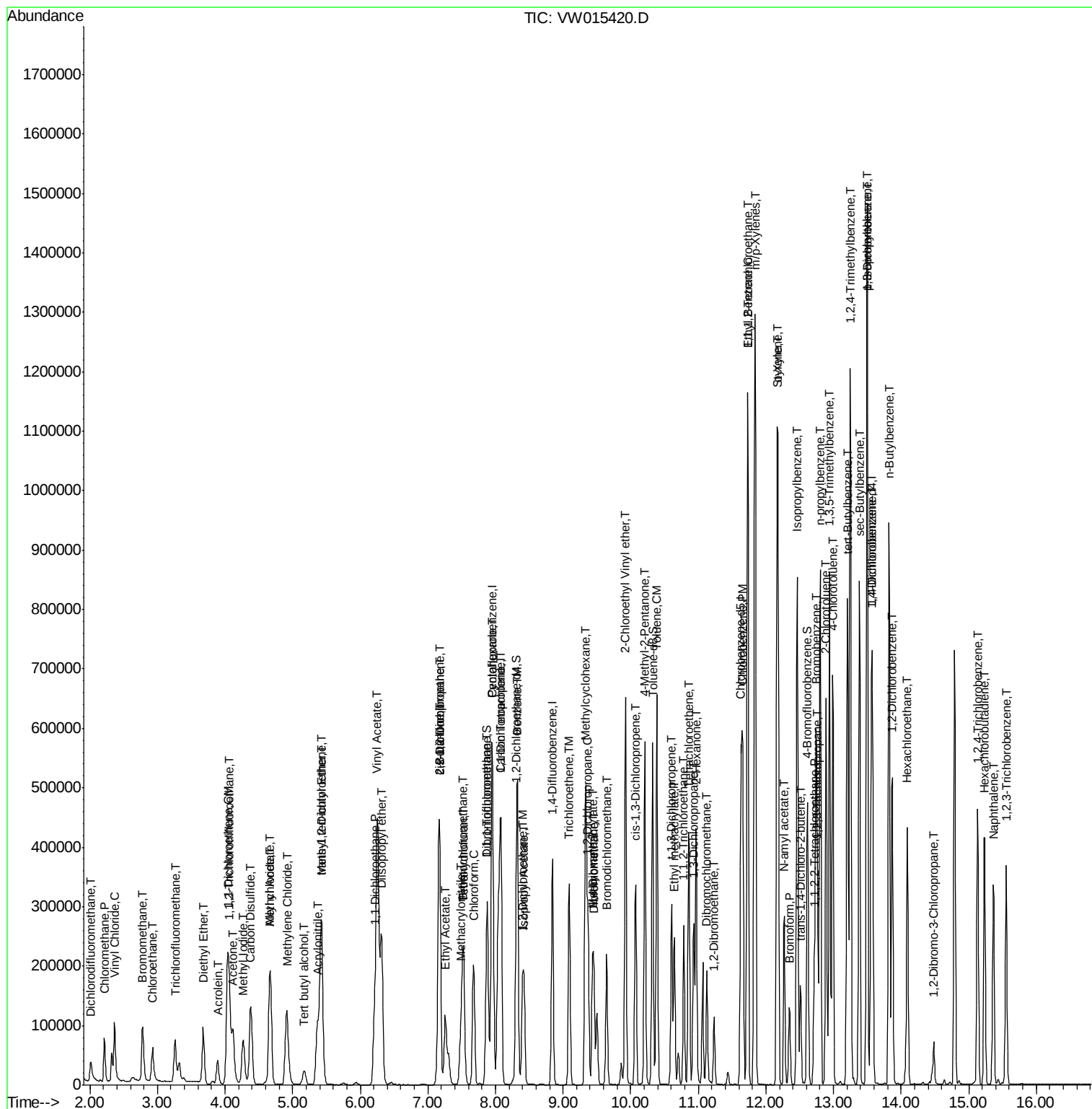
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	139091	54.625	ug/l	99
94) Hexachlorobutadiene	15.24	225	81105	53.752	ug/l	97
95) Naphthalene	15.36	128	278755	61.117	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	121357	55.469	ug/l	99

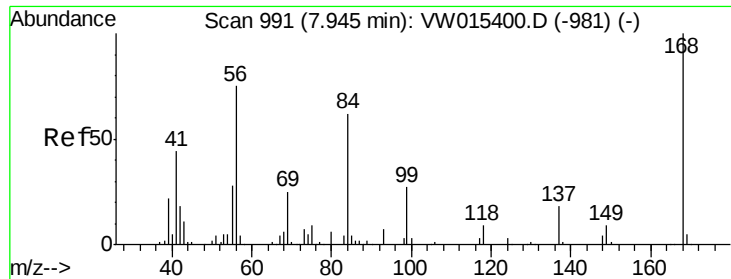
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050720\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW015420.D

Acq: 07 May 2020 15:58

Instrument :

MSVOA_W

ClientSampleId :

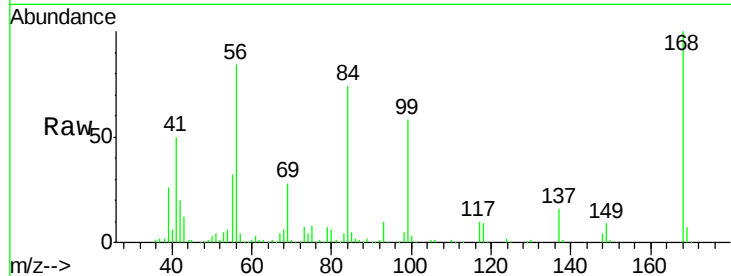
VSTDCCC050EC

Tot Ion:168 Resp: 190448

Ion Ratio Lower Upper

168 100

99 58.3 50.3 75.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

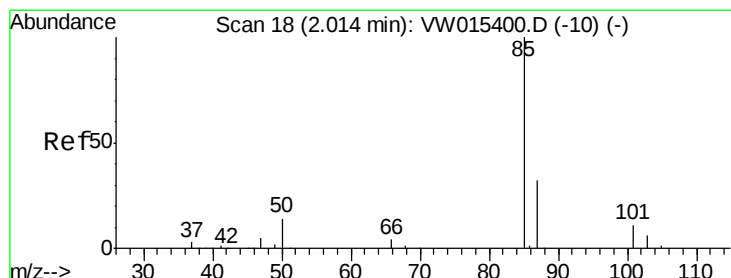
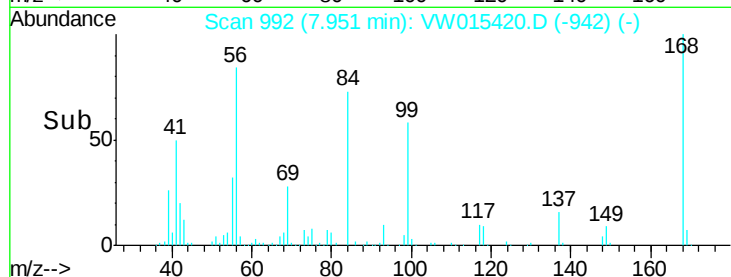
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 53.722 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW015420.D

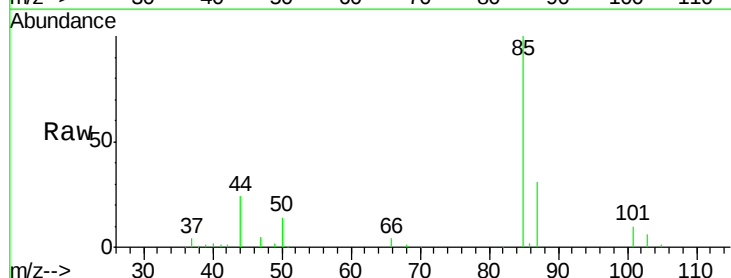
Acq: 07 May 2020 15:58

Tgt Ion: 85 Resp: 59152

Ion Ratio Lower Upper

85 100

87 31.2 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

20000

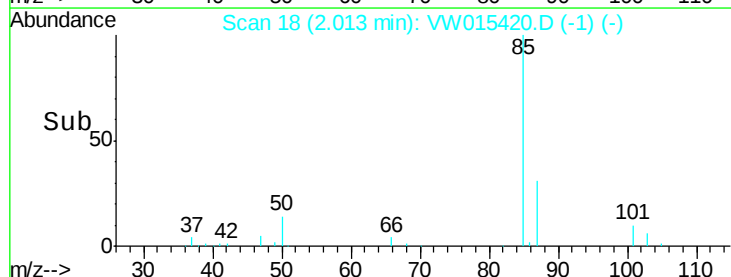
15000

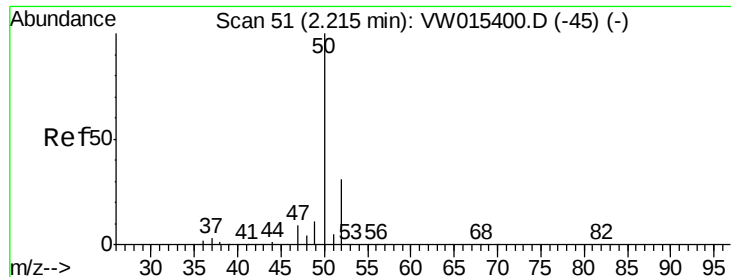
10000

5000

0

Time-->





#3

Chloromethane

Concen: 50.157 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW015420.D

Acq: 07 May 2020 15:58

Instrument :

MSVOA_W

ClientSampleId :

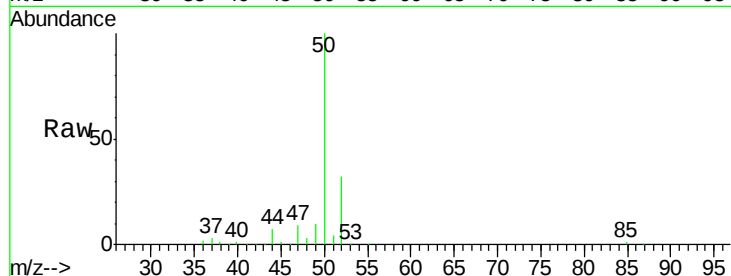
VSTDCCC050EC

Tot Ion: 50 Resp: 69139

Ion Ratio Lower Upper

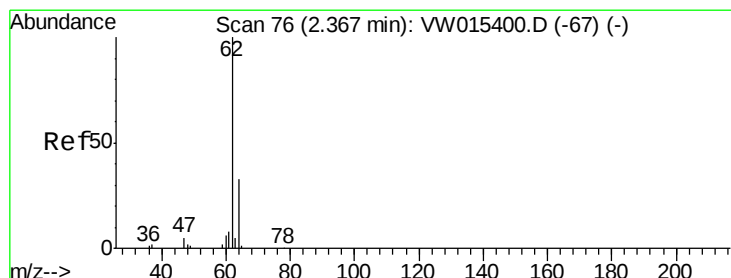
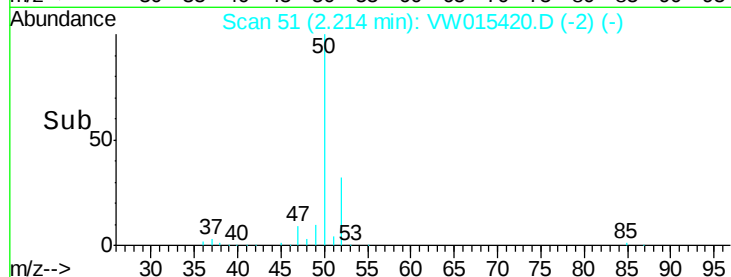
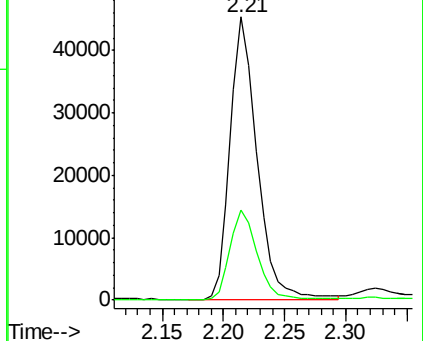
50 100

52 31.9 25.0 37.6



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 51.004 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW015420.D

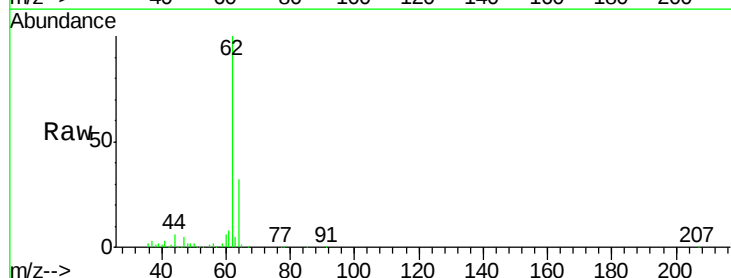
Acq: 07 May 2020 15:58

Tgt Ion: 62 Resp: 106475

Ion Ratio Lower Upper

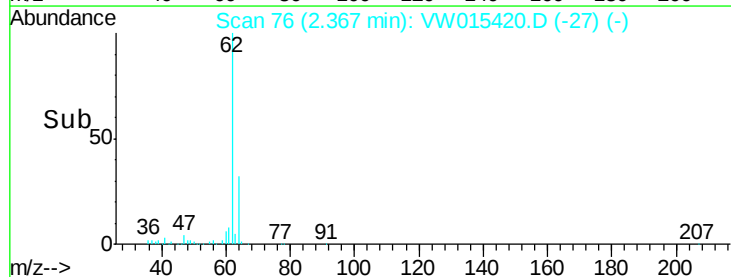
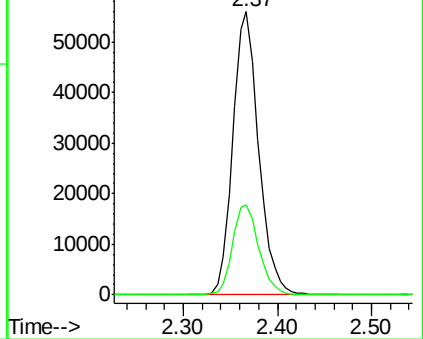
62 100

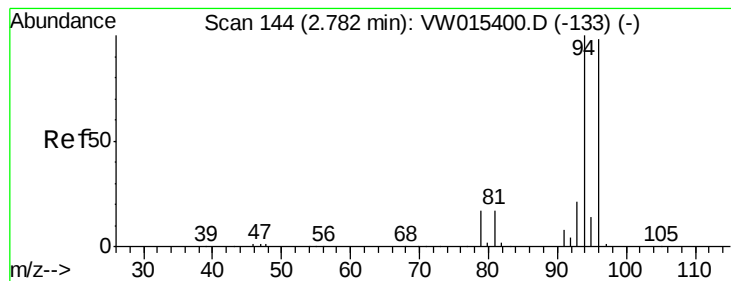
64 31.7 26.4 39.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 45.147 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW015420.D

Acq: 07 May 2020 15:58

Instrument :

MSVOA_W

ClientSampleId :

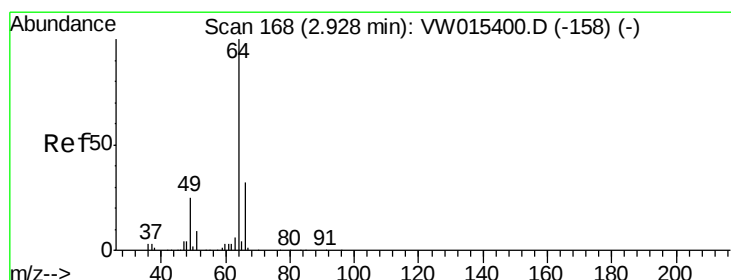
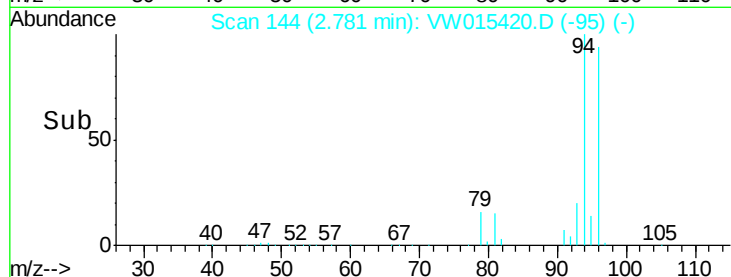
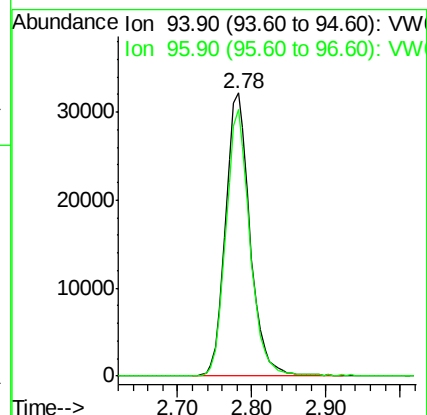
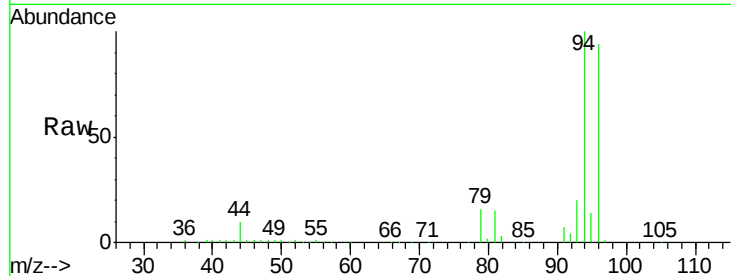
VSTDCCC050EC

Tot Ion: 94 Resp: 73835

Ion Ratio Lower Upper

94 100

96 94.3 78.8 118.2



#6

Chloroethane

Concen: 48.015 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW015420.D

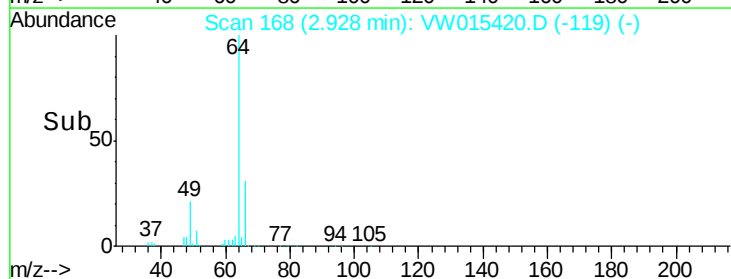
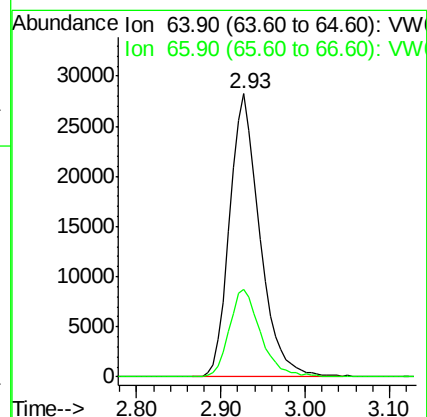
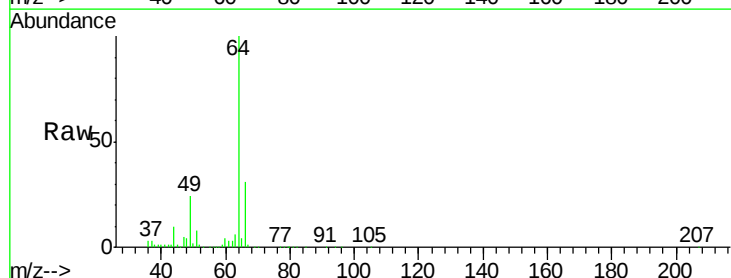
Acq: 07 May 2020 15:58

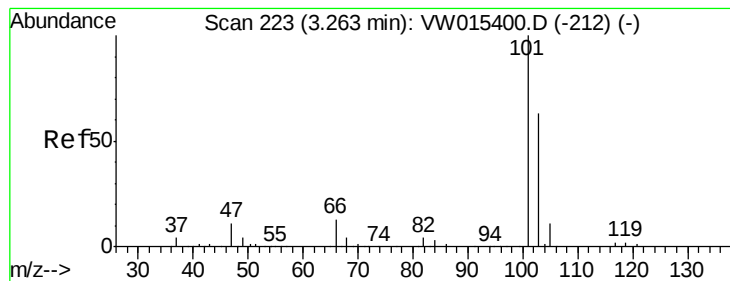
Tgt Ion: 64 Resp: 69073

Ion Ratio Lower Upper

64 100

66 30.7 25.4 38.0



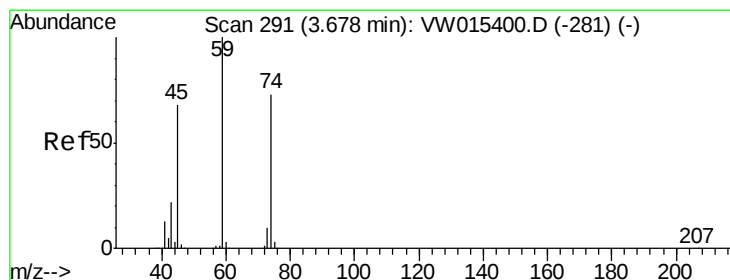
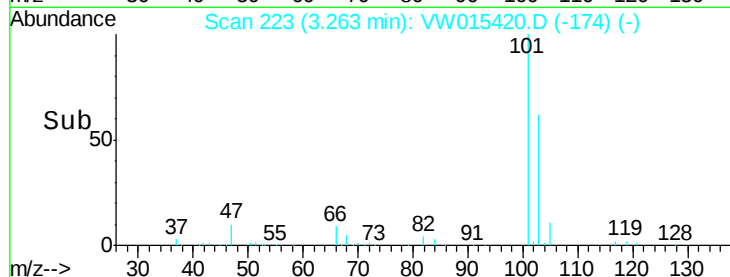
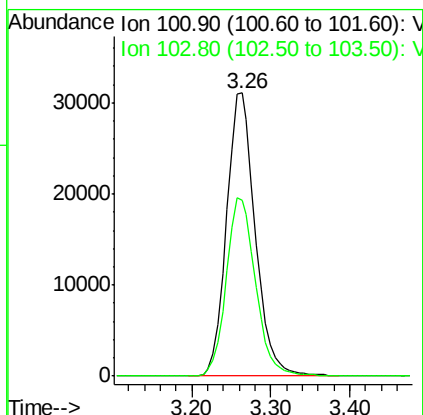
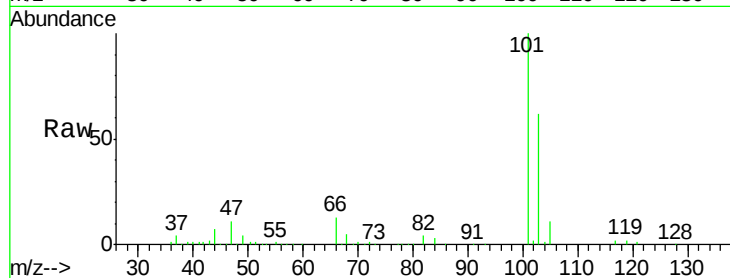


#7

Trichlorofluoromethane
 Concen: 51.397 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW015420.D
 Acq: 07 May 2020 15:58

Instrument :
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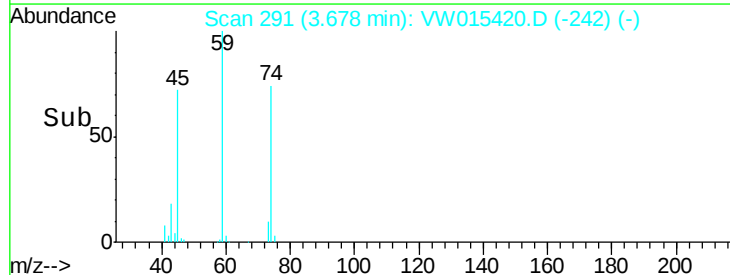
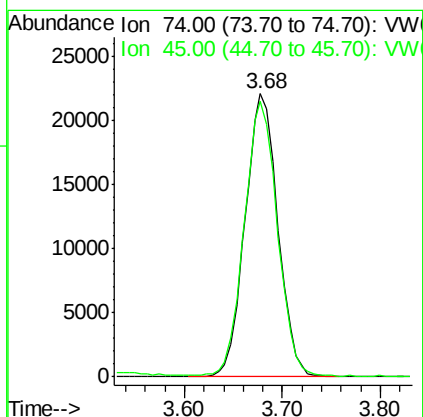
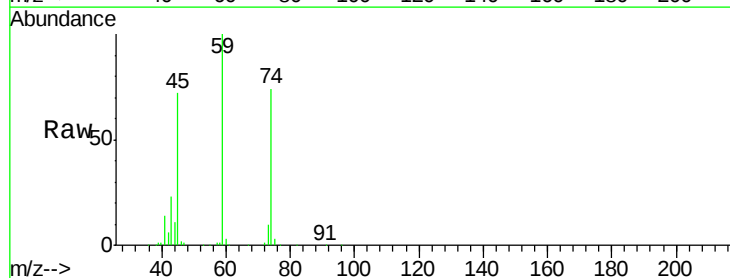
Tot Ion:101 Resp: 78700
 Ion Ratio Lower Upper
 101 100
 103 62.2 50.2 75.4

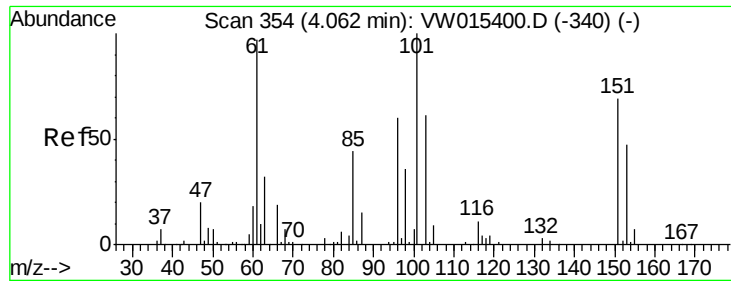


#8

Diethyl Ether
 Concen: 53.389 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW015420.D
 Acq: 07 May 2020 15:58

Tgt Ion: 74 Resp: 51085
 Ion Ratio Lower Upper
 74 100
 45 99.1 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.092 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW015420.D

Acq: 07 May 2020 15:58

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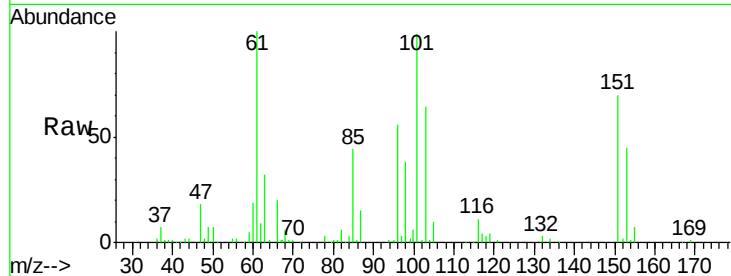
Tot Ion:101 Resp: 94240

Ion Ratio Lower Upper

101 100

85 45.7 37.3 55.9

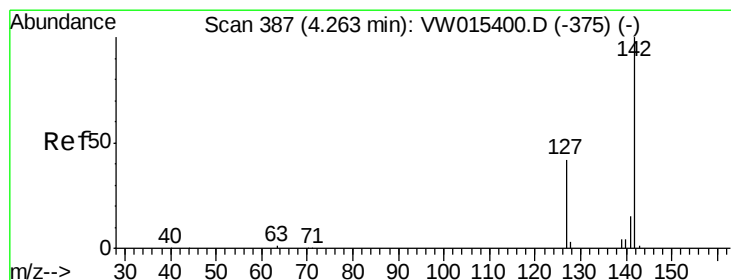
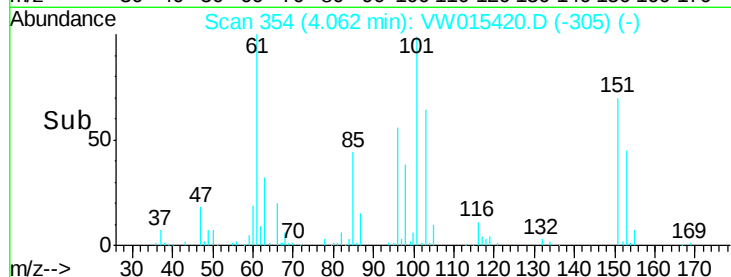
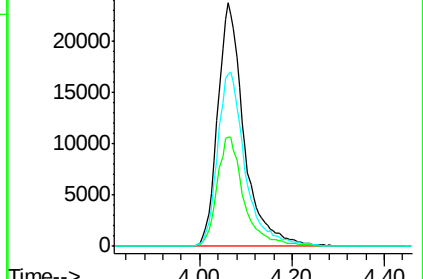
151 74.8 58.9 88.3



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: 51.098 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW015420.D

Acq: 07 May 2020 15:58

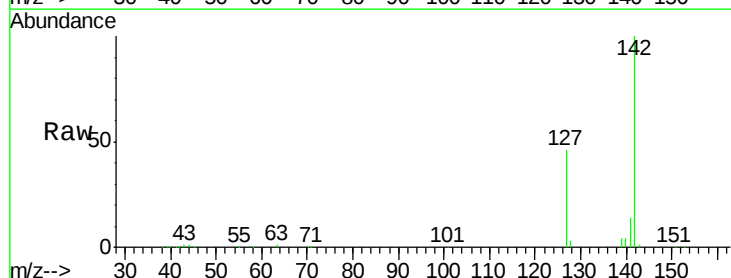
Tgt Ion:142 Resp: 137247

Ion Ratio Lower Upper

142 100

127 44.9 35.4 53.2

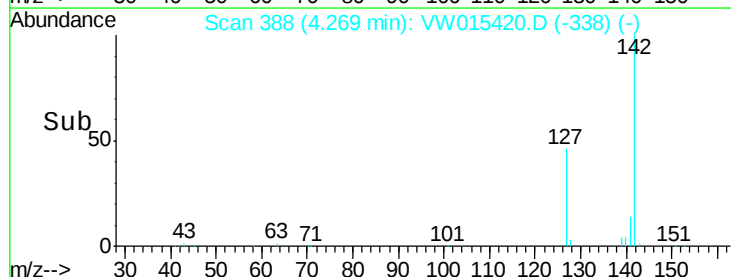
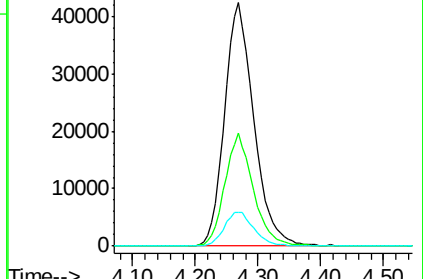
141 14.3 11.7 17.5

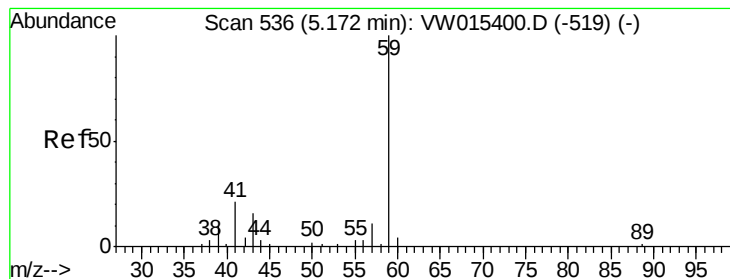


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



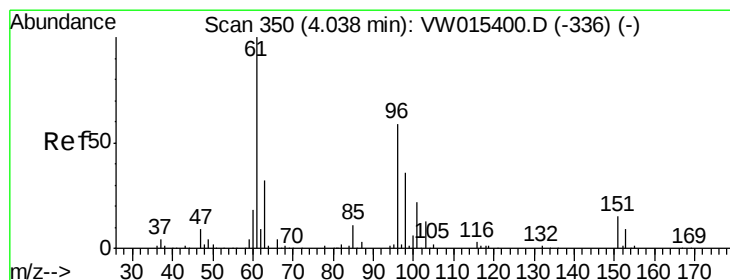
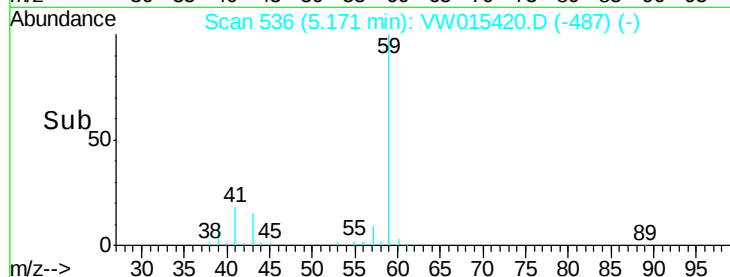
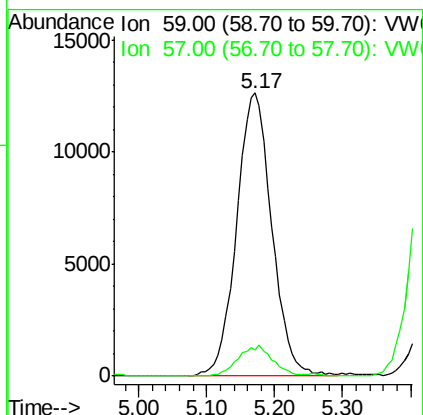
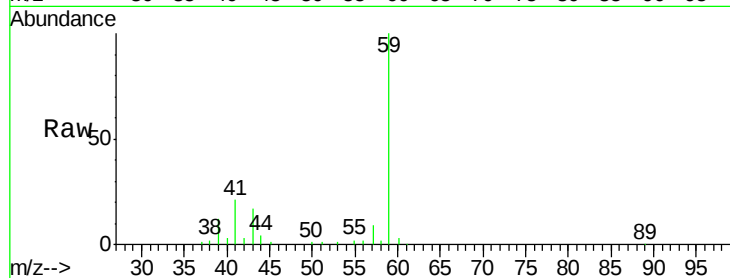


#11

Tert butyl alcohol
 Concen: 376.166 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. -0.00 min
 Lab File: VW015420.D
 Acq: 07 May 2020 15:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

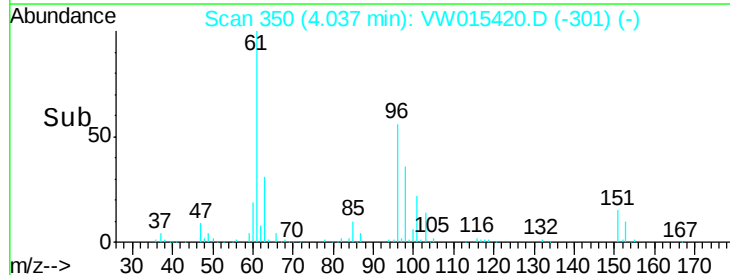
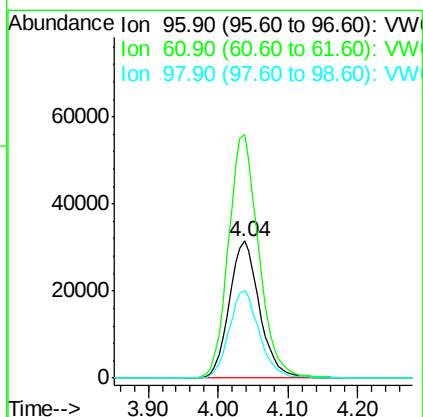
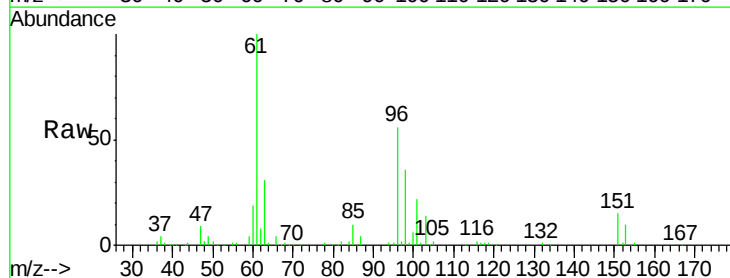
Tot Ion: 59 Resp: 45412
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.6 13.0

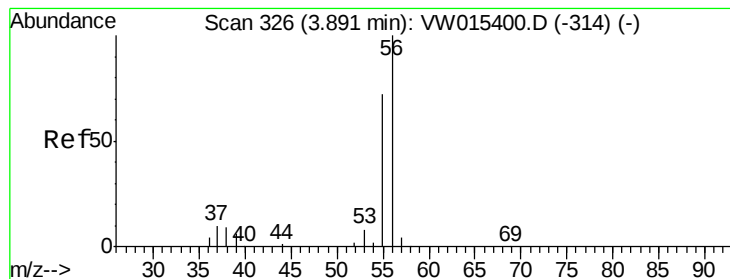


#12

1,1-Dichloroethene
 Concen: 51.353 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW015420.D
 Acq: 07 May 2020 15:58

Tgt Ion: 96 Resp: 94528
 Ion Ratio Lower Upper
 96 100
 61 177.6 135.8 203.8
 98 64.0 48.6 72.8





#13

Acrolein

Concen: 308.677 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW015420.D

Acq: 07 May 2020 15:58

Instrument :

MSVOA_W

ClientSampleId :

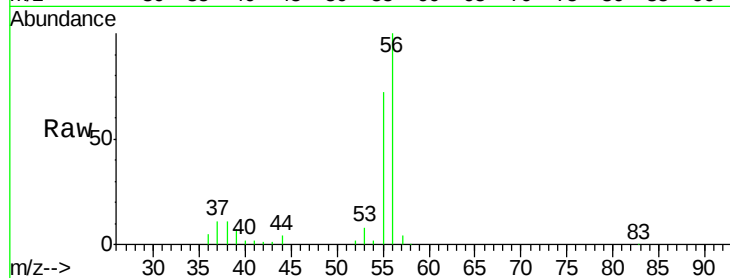
VSTDCCC050EC

Tot Ion: 56 Resp: 47587

Ion Ratio Lower Upper

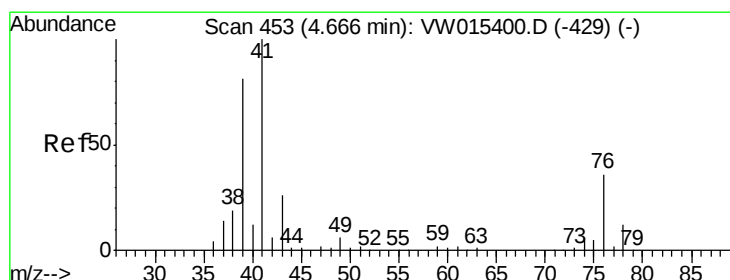
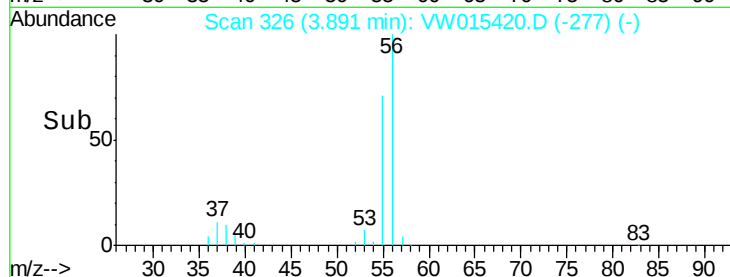
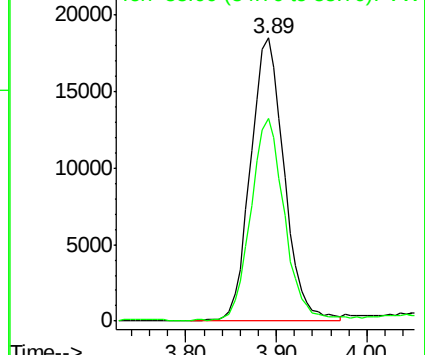
56 100

55 71.7 56.4 84.6



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 51.459 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW015420.D

Acq: 07 May 2020 15:58

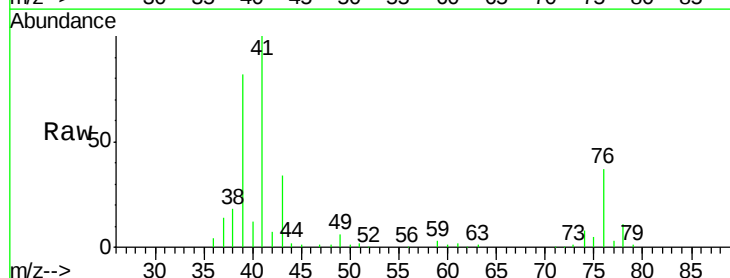
Tgt Ion: 41 Resp: 165968

Ion Ratio Lower Upper

41 100

39 79.4 63.6 95.4

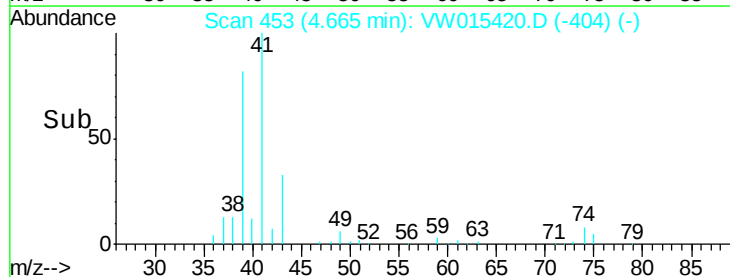
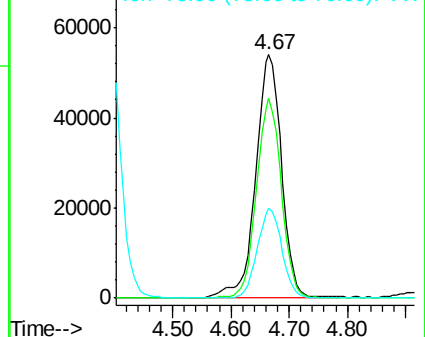
76 35.0 28.4 42.6

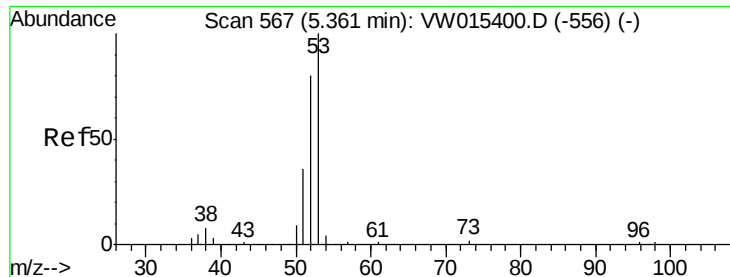


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 322.310 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW015420.D

Acq: 07 May 2020 15:58

Instrument :

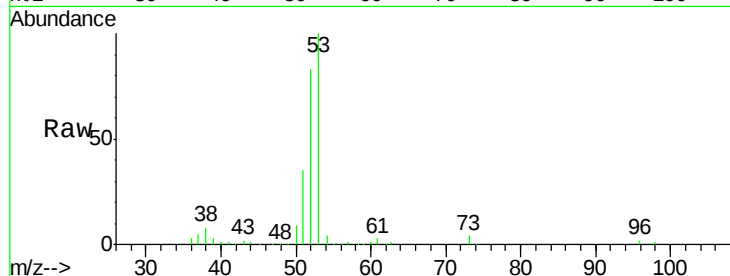
MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 125517

Ion	Ratio	Lower	Upper
53	100		
52	83.7	66.6	99.8
51	38.0	30.2	45.2

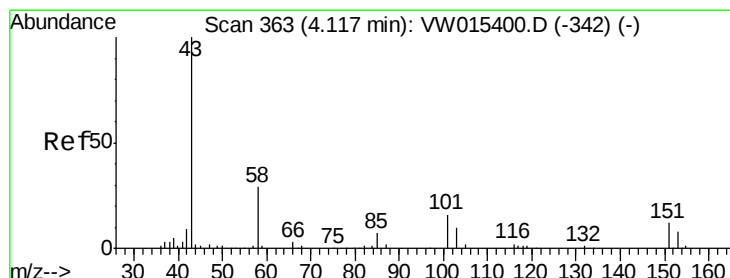
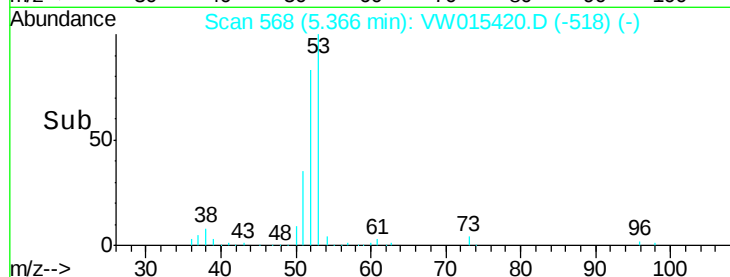
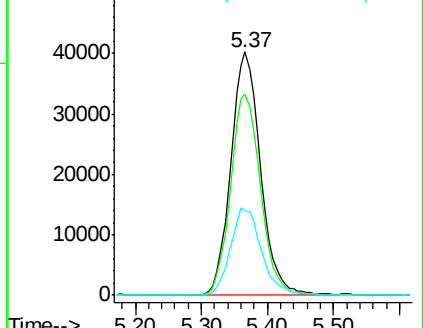


Abundance

Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 372.204 ug/l

RT: 4.12 min Scan# 364

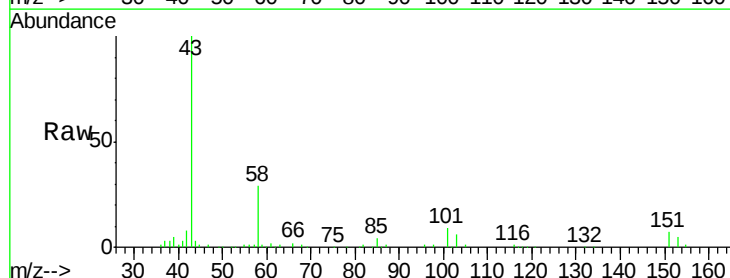
Delta R.T. 0.01 min

Lab File: VW015420.D

Acq: 07 May 2020 15:58

Tgt Ion: 43 Resp: 121050

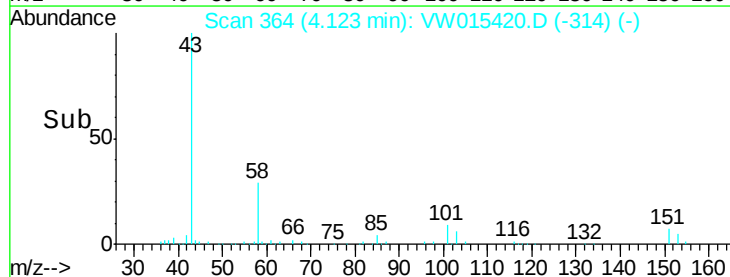
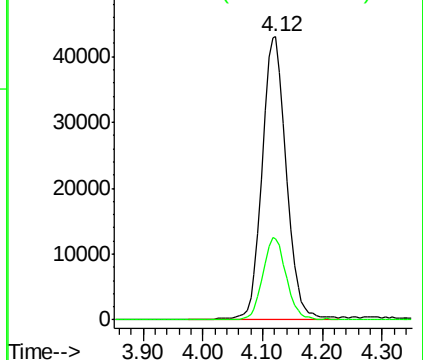
Ion	Ratio	Lower	Upper
43	100		
58	28.9	23.4	35.0

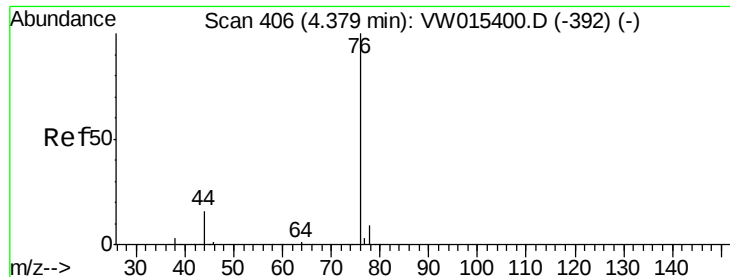


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 51.545 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW015420.D

Acq: 07 May 2020 15:58

Instrument :

MSVOA_W

ClientSampleId :

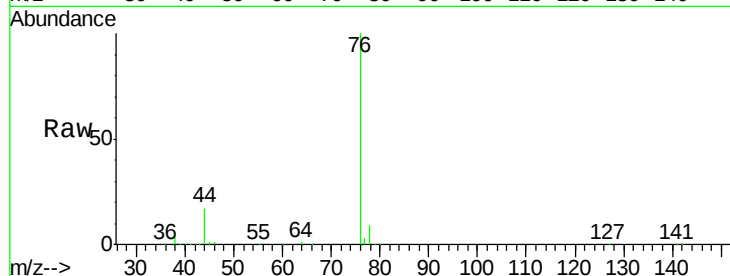
VSTDCCC050EC

Tot Ion: 76 Resp: 290928

Ion Ratio Lower Upper

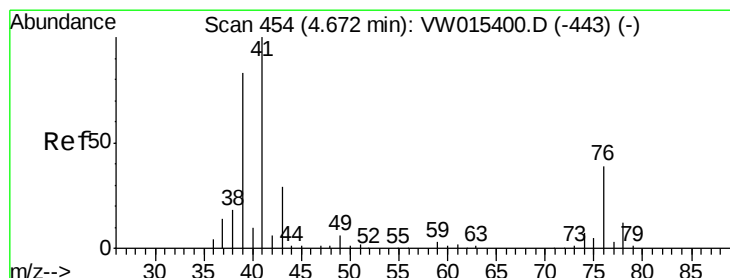
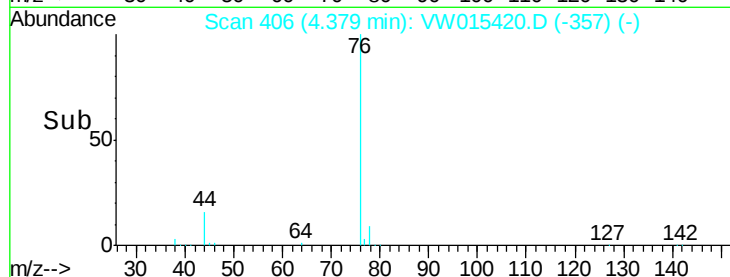
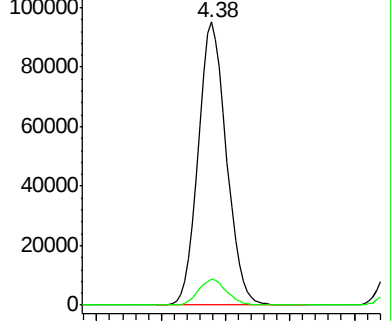
76 100

78 9.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 62.364 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW015420.D

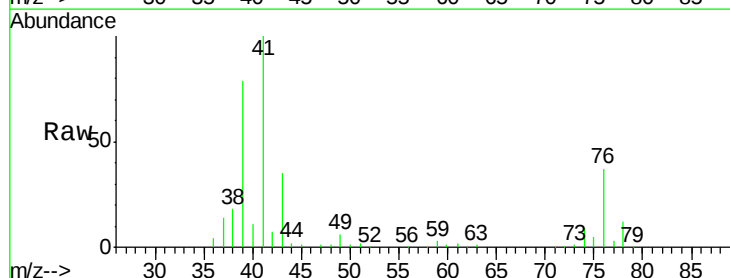
Acq: 07 May 2020 15:58

Tgt Ion: 43 Resp: 53843

Ion Ratio Lower Upper

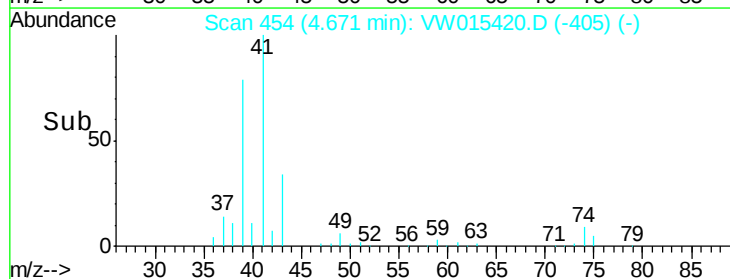
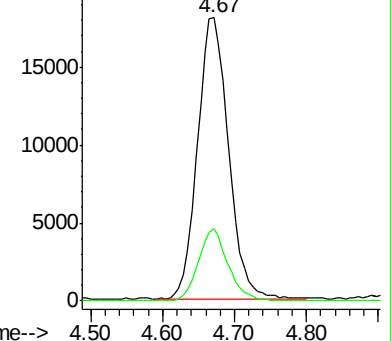
43 100

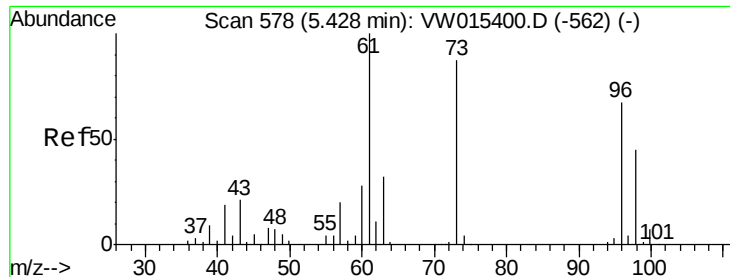
74 24.4 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

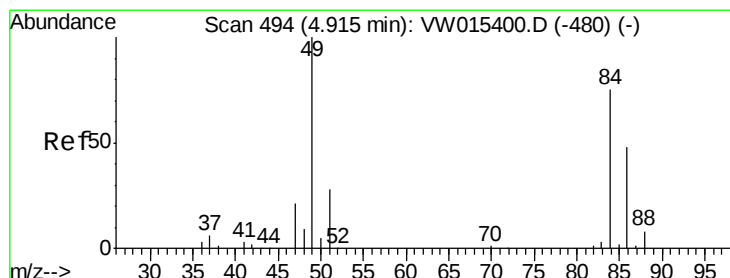
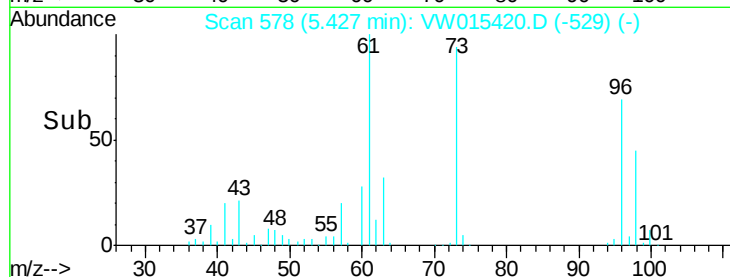
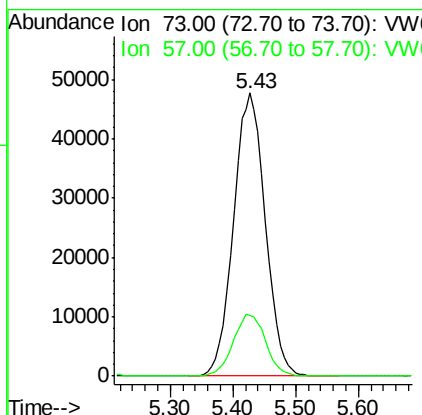
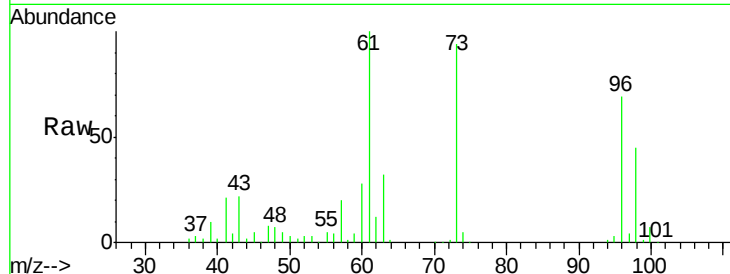




#19
Methyl tert-butyl Ether
Concen: 56.340 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW015420.D
Acq: 07 May 2020 15:58

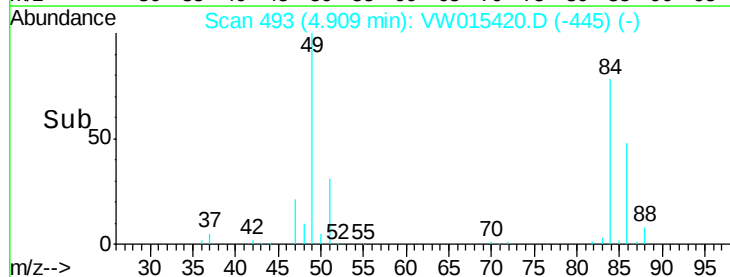
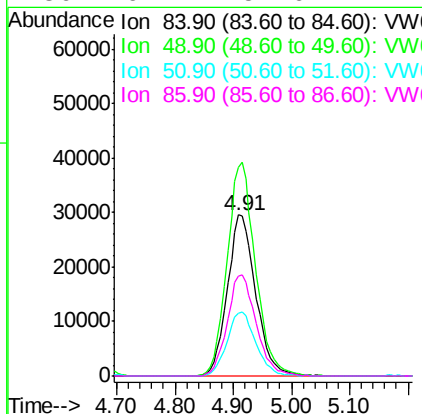
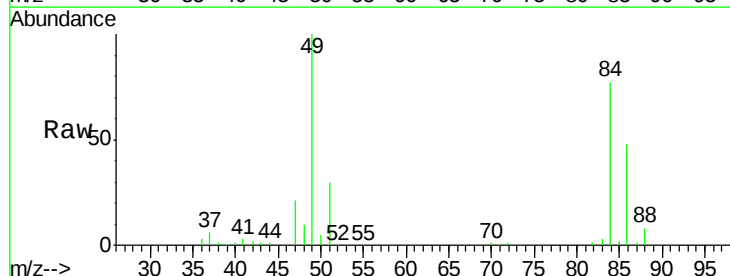
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

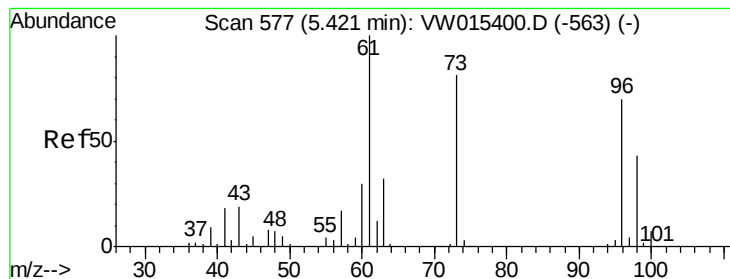
Tot Ion: 73 Resp: 166628
Ion Ratio Lower Upper
73 100
57 21.6 18.5 27.7



#20
Methylene Chloride
Concen: 46.958 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW015420.D
Acq: 07 May 2020 15:58

Tgt Ion: 84 Resp: 99643
Ion Ratio Lower Upper
84 100
49 129.3 106.4 159.6
51 39.4 30.2 45.2
86 62.1 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 51.258 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW015420.D

Acq: 07 May 2020 15:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

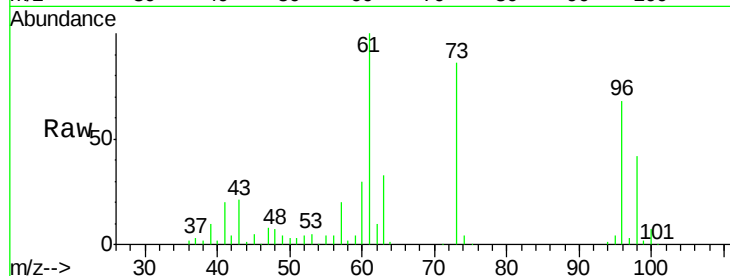
Tot Ion: 96 Resp: 107105

Ion Ratio Lower Upper

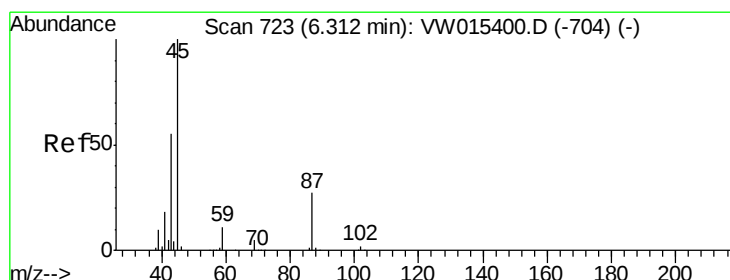
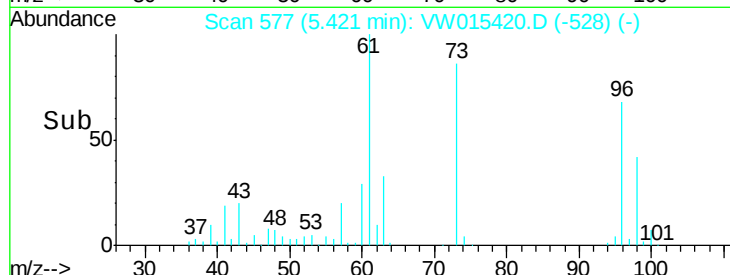
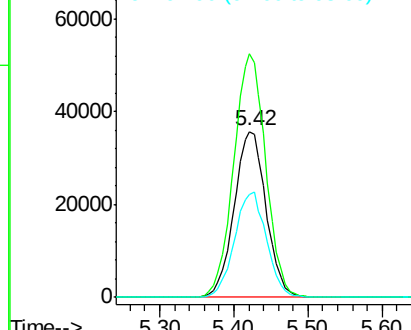
96 100

61 146.9 114.9 172.3

98 62.4 49.4 74.0



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



#22

Diisopropyl ether

Concen: 51.105 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW015420.D

Acq: 07 May 2020 15:58

Tgt Ion: 45 Resp: 322087

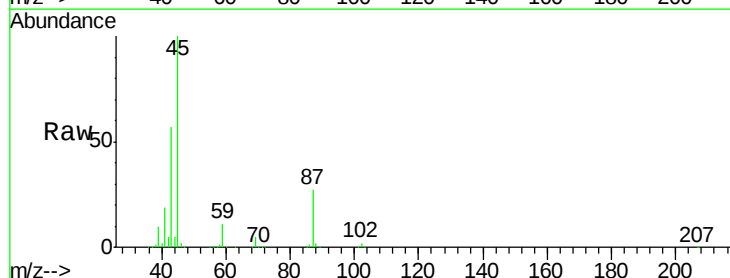
Ion Ratio Lower Upper

45 100

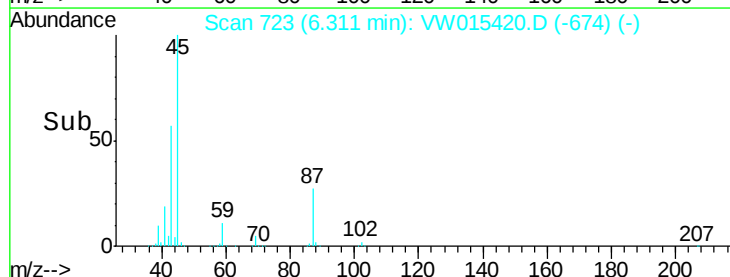
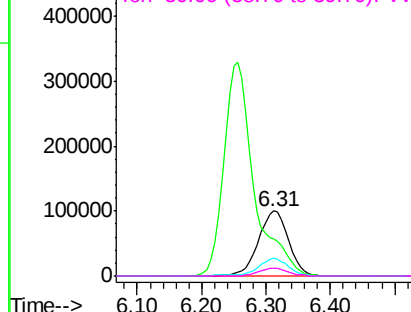
43 57.0 44.2 66.4

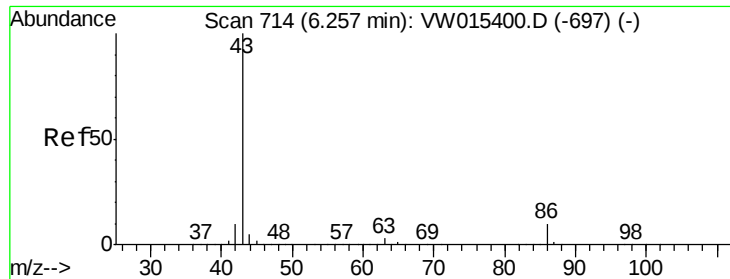
87 27.3 21.6 32.4

59 11.2 9.0 13.6



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: 283.256 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW015420.D

Acq: 07 May 2020 15:58

Instrument :

MSVOA_W

ClientSampleId :

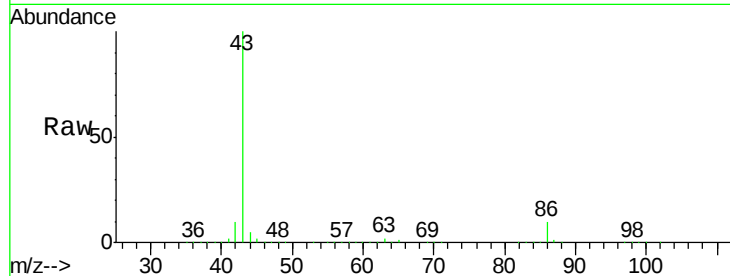
VSTDCCC050EC

Tot Ion: 43 Resp: 1085206

Ion Ratio Lower Upper

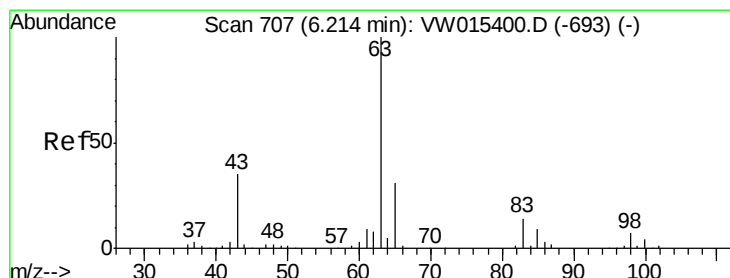
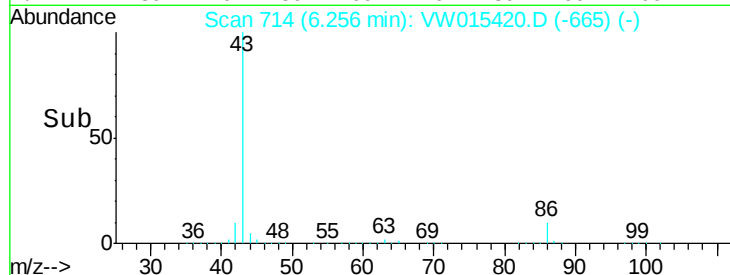
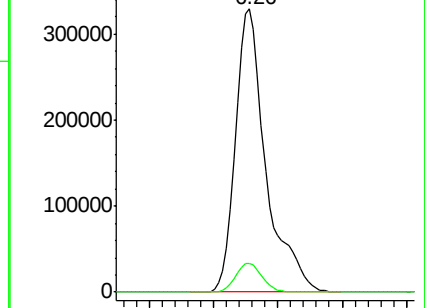
43 100

86 10.3 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 50.533 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW015420.D

Acq: 07 May 2020 15:58

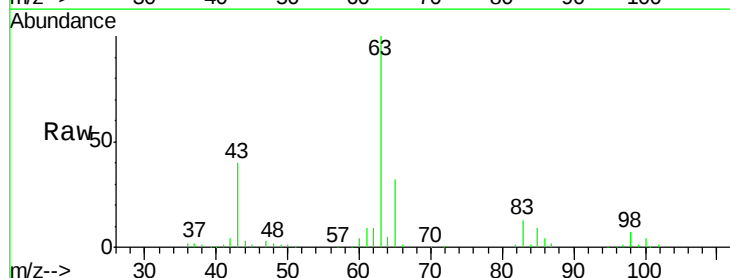
Tgt Ion: 63 Resp: 190930

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.4

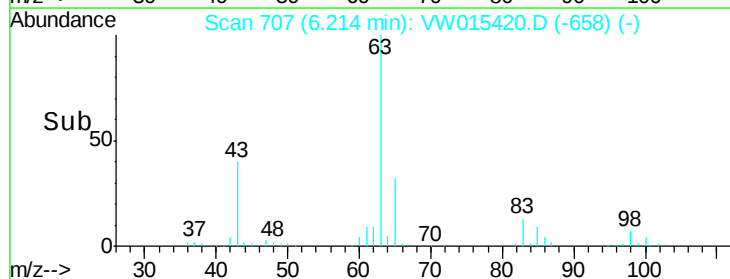
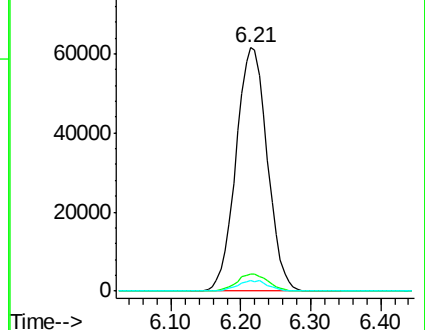
100 4.2 2.1 6.5

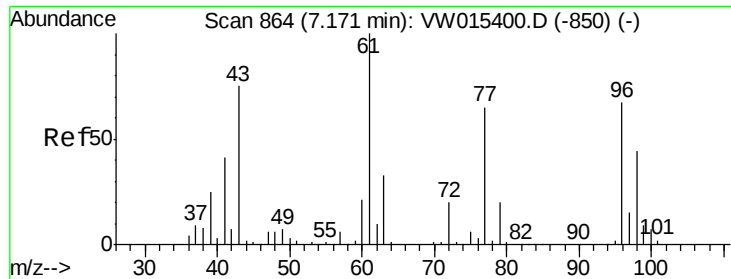


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

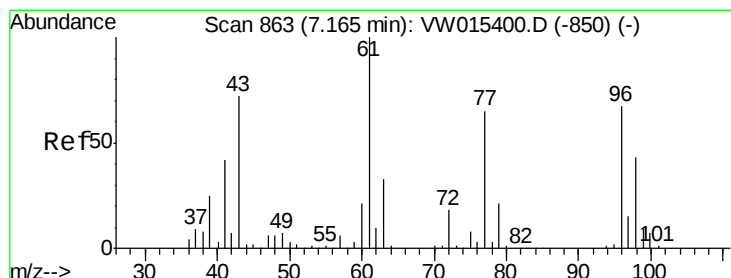
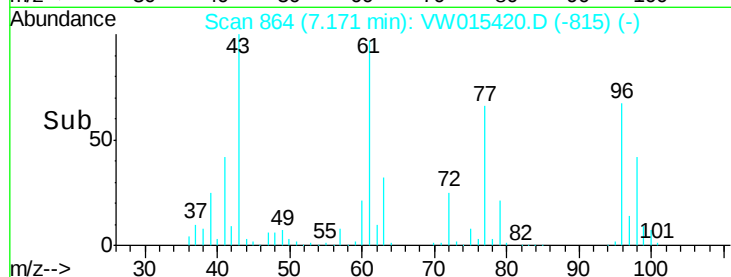
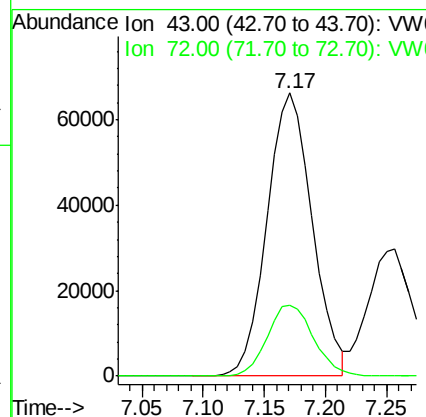
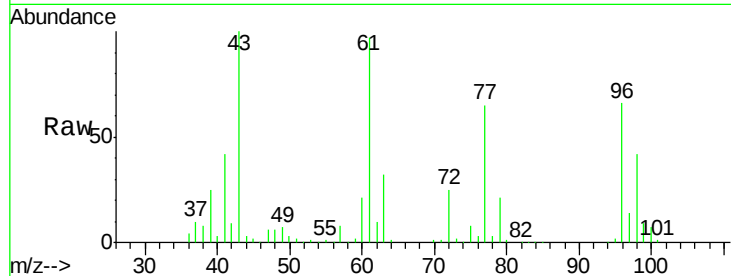




#25
2-Butanone
Concen: 335.317 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW015420.D
Acq: 07 May 2020 15:58

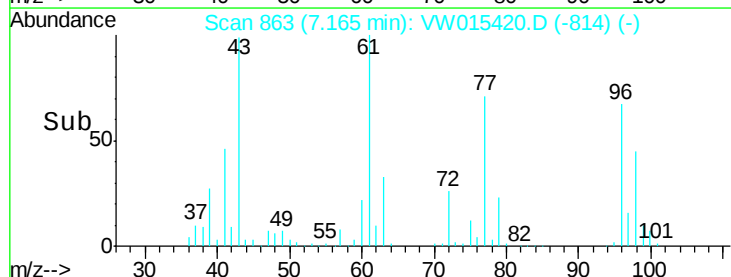
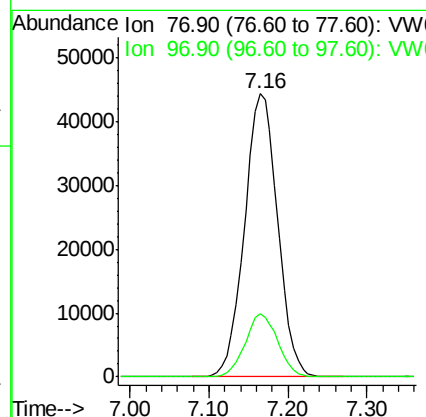
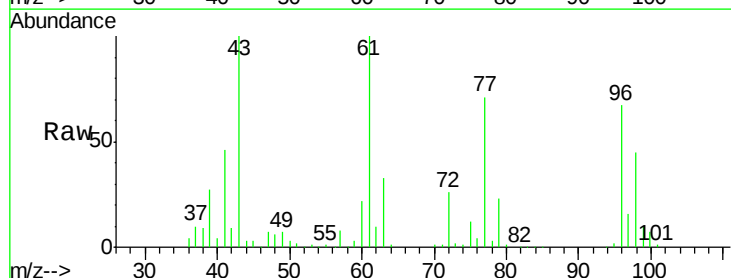
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

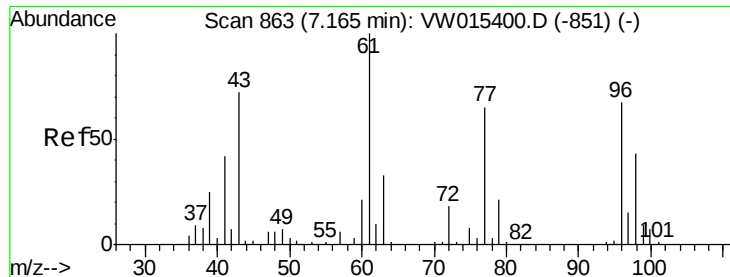
Tot Ion: 43 Resp: 169980
Ion Ratio Lower Upper
43 100
72 25.3 21.4 32.0



#26
2,2-Dichloropropane
Concen: 51.627 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW015420.D
Acq: 07 May 2020 15:58

Tgt Ion: 77 Resp: 129287
Ion Ratio Lower Upper
77 100
97 21.9 11.1 33.1



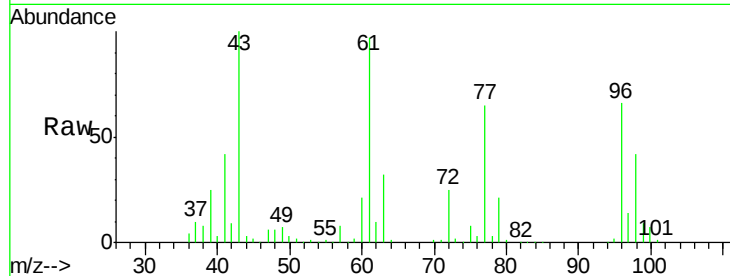


#27

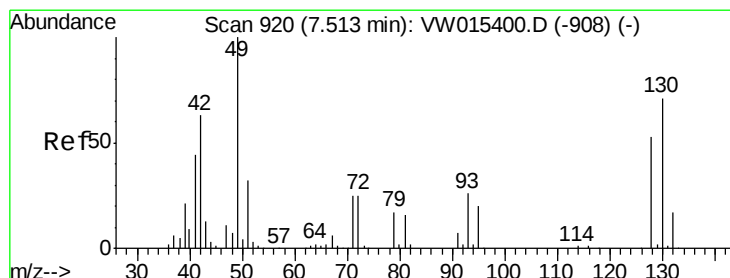
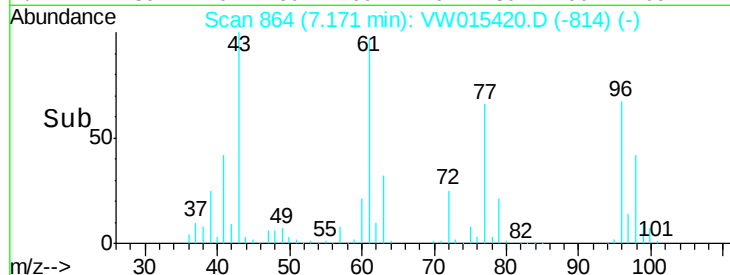
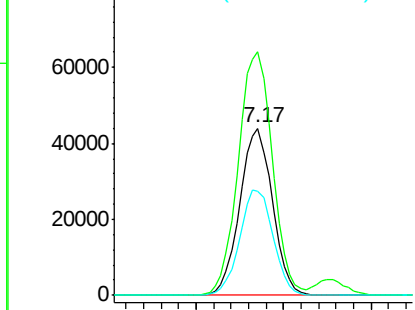
cis-1,2-Dichloroethene
 Concen: 50.550 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: VW015420.D
 Acq: 07 May 2020 15:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 96 Resp: 114694
 Ion Ratio Lower Upper
 96 100
 61 151.8 0.0 304.6
 98 64.2 0.0 129.2



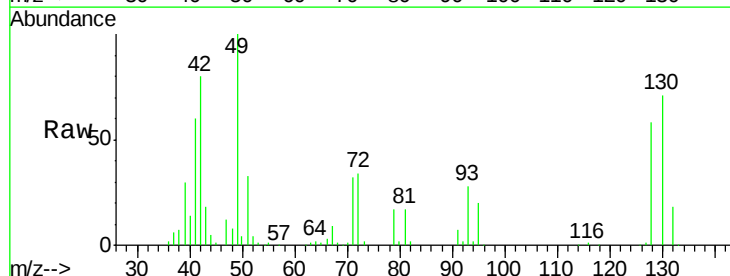
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



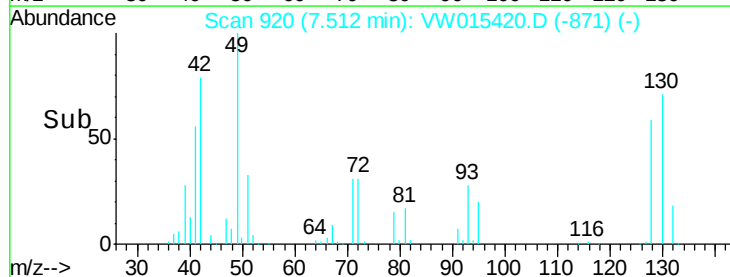
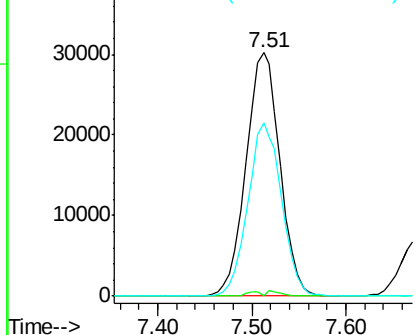
#28

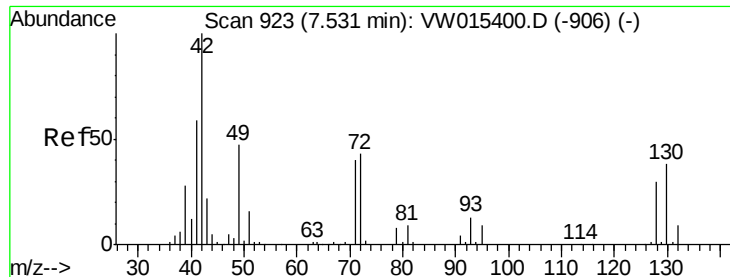
Bromochloromethane
 Concen: 50.267 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW015420.D
 Acq: 07 May 2020 15:58

Tgt Ion: 49 Resp: 76367
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 3.0
 130 70.6 57.0 85.4



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

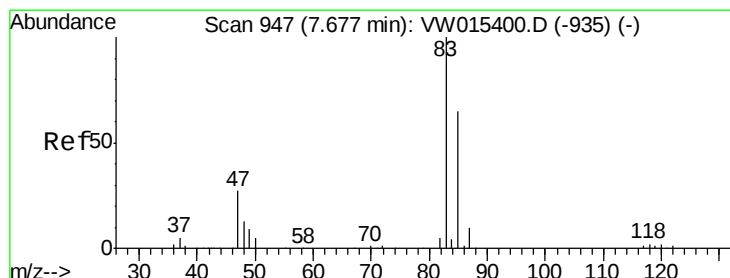
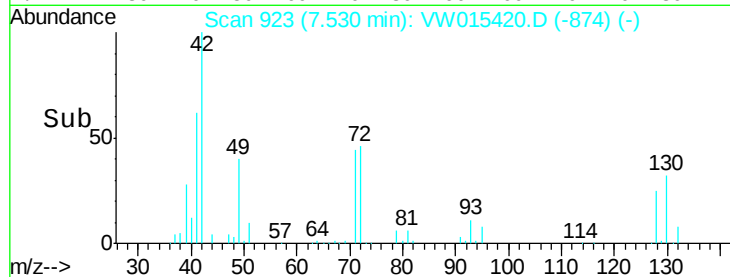
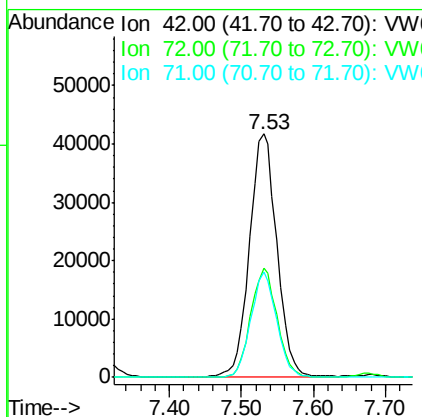
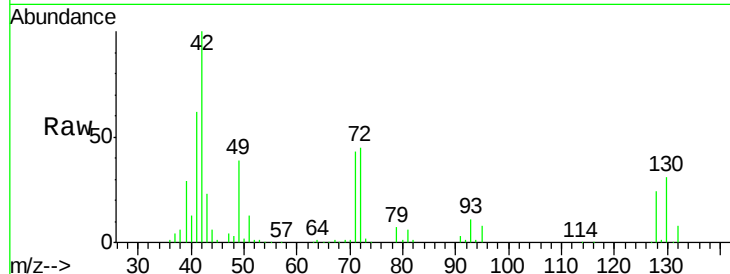




#29
Tetrahydrofuran
Concen: 332.419 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW015420.D
Acq: 07 May 2020 15:58

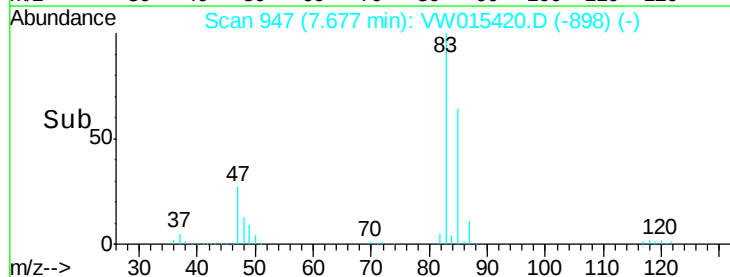
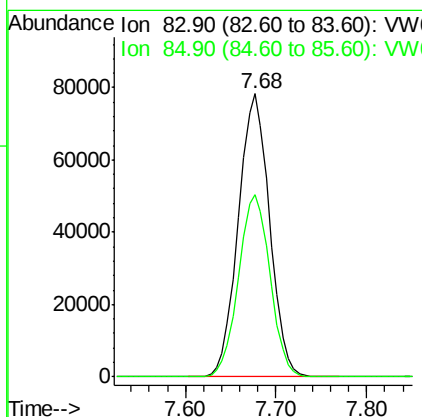
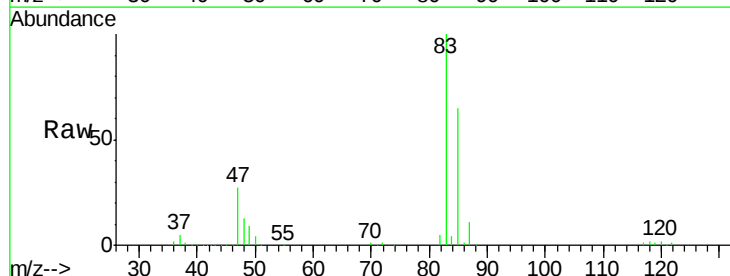
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

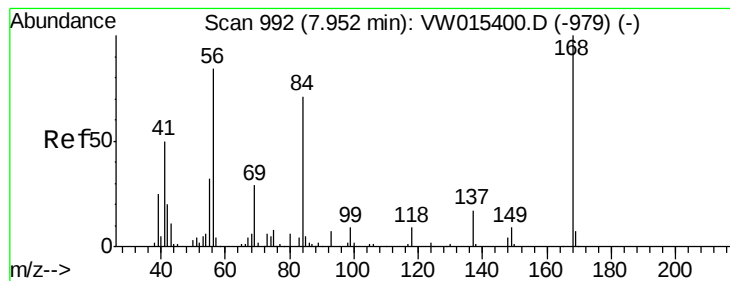
Tot Ion: 42 Resp: 110899
Ion Ratio Lower Upper
42 100
72 42.9 33.6 50.4
71 40.7 32.1 48.1



#30
Chloroform
Concen: 49.778 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW015420.D
Acq: 07 May 2020 15:58

Tgt Ion: 83 Resp: 186870
Ion Ratio Lower Upper
83 100
85 64.6 51.8 77.6





#31

Cyclohexane

Concen: 49.596 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW015420.D

Acq: 07 May 2020 15:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

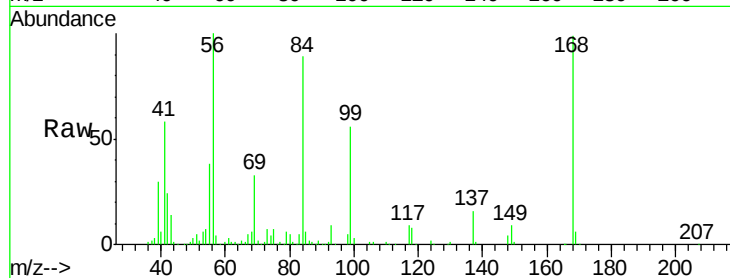
Tot Ion: 56 Resp: 190265

Ion Ratio Lower Upper

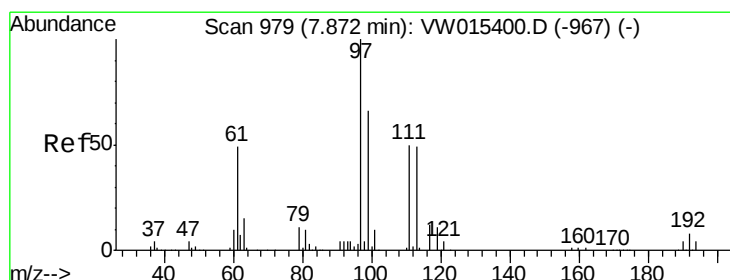
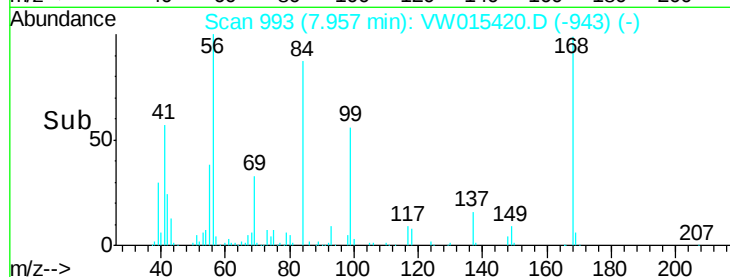
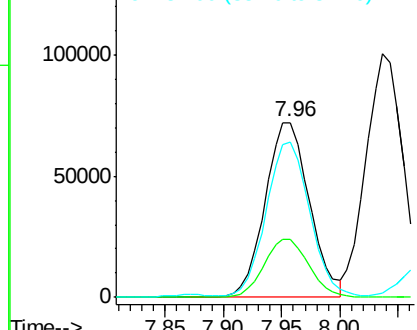
56 100

69 33.2 27.2 40.8

84 87.0 67.7 101.5



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: 52.368 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW015420.D

Acq: 07 May 2020 15:58

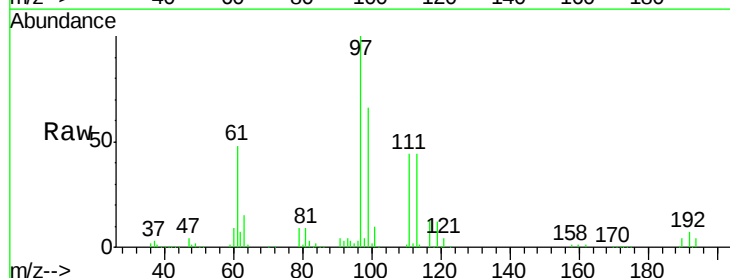
Tgt Ion: 97 Resp: 165230

Ion Ratio Lower Upper

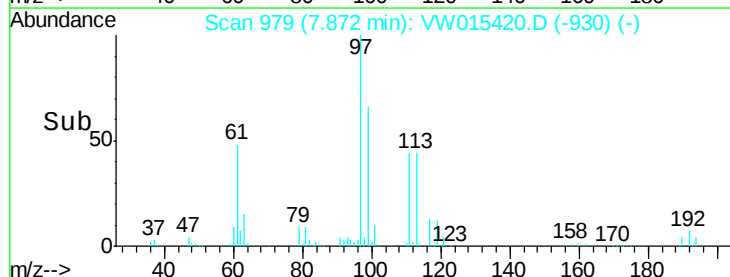
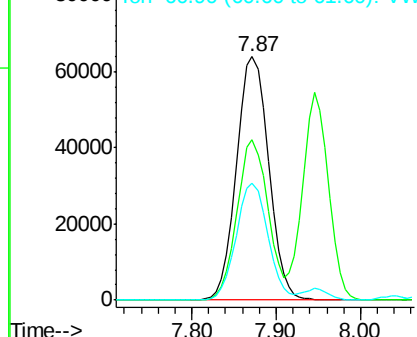
97 100

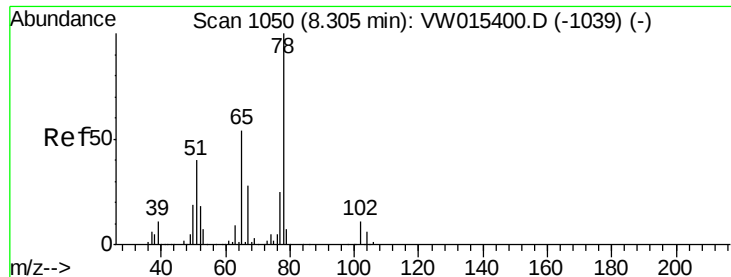
99 63.5 50.7 76.1

61 47.4 38.0 57.0



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

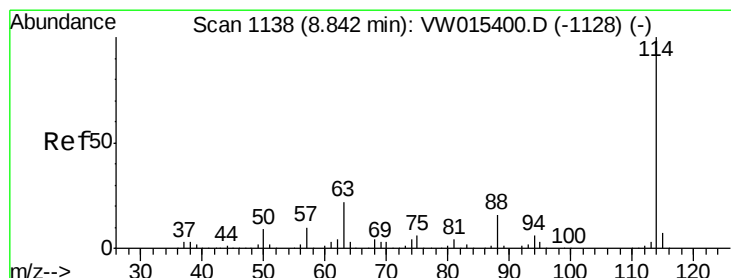
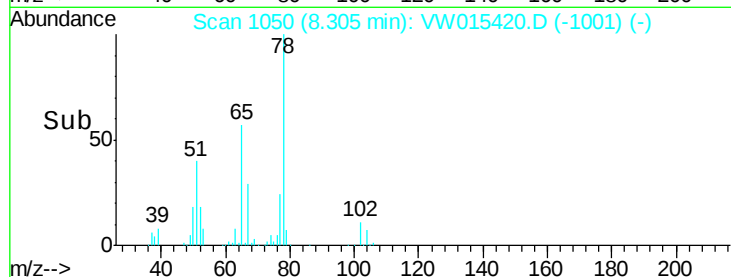
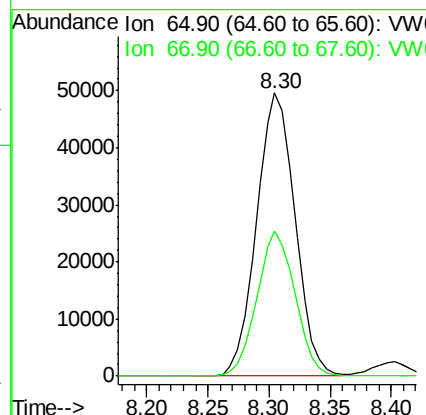
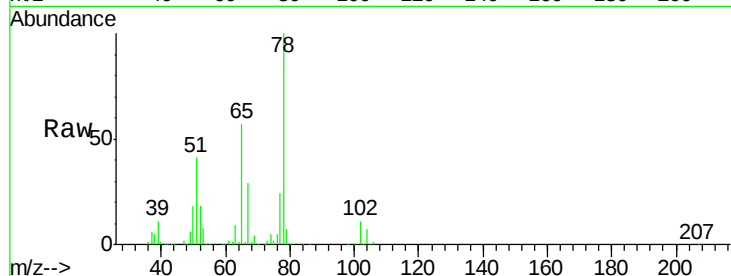




#33
 1,2-Dichloroethane-d4
 Concen: 51.850 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW015420.D
 Acq: 07 May 2020 15:58

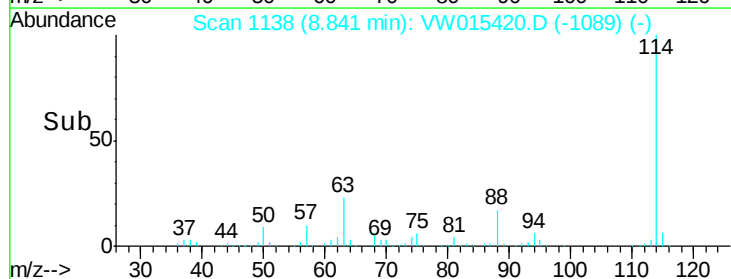
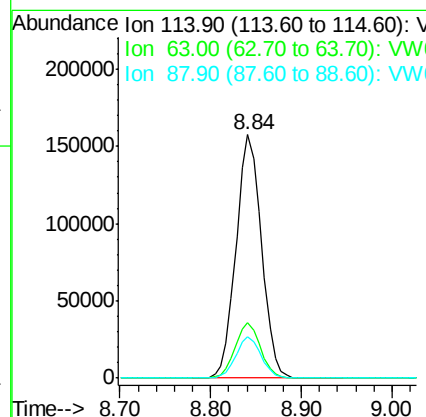
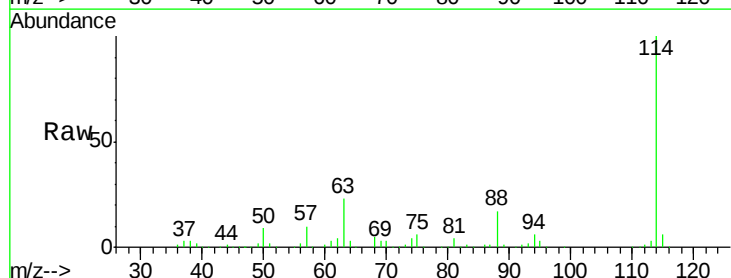
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

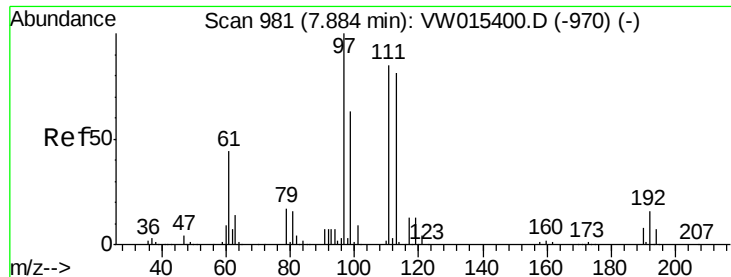
Tot Ion: 65 Resp: 108549
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW015420.D
 Acq: 07 May 2020 15:58

Tgt Ion: 114 Resp: 306621
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 43.4
 88 16.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.343 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW015420.D

Acq: 07 May 2020 15:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

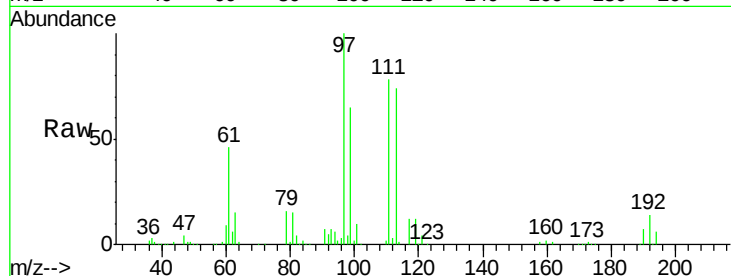
Tot Ion:113 Resp: 90357

Ion Ratio Lower Upper

113 100

111 103.1 82.9 124.3

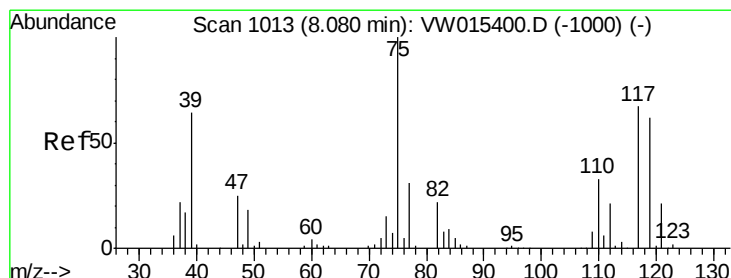
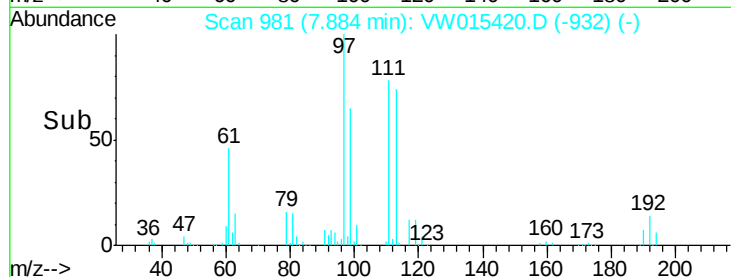
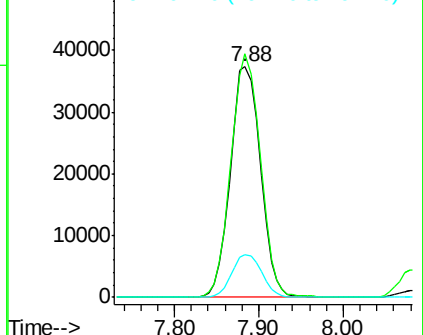
192 18.4 15.4 23.0



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: 53.372 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW015420.D

Acq: 07 May 2020 15:58

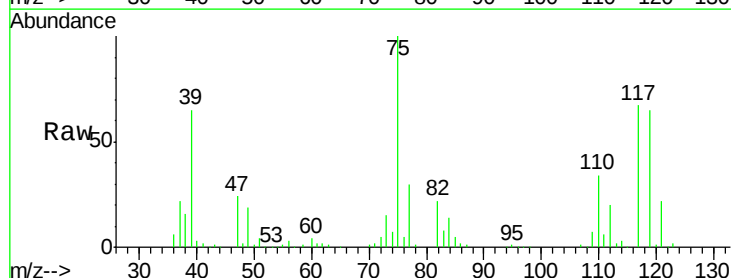
Tgt Ion: 75 Resp: 160784

Ion Ratio Lower Upper

75 100

110 33.9 16.6 49.8

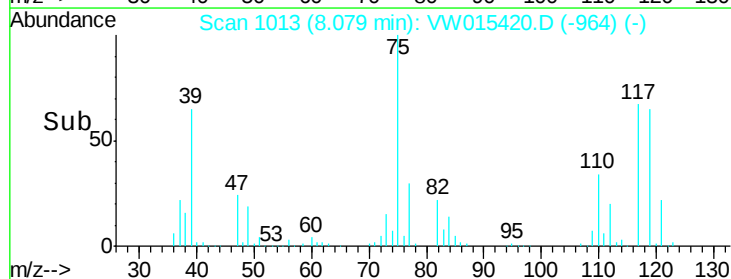
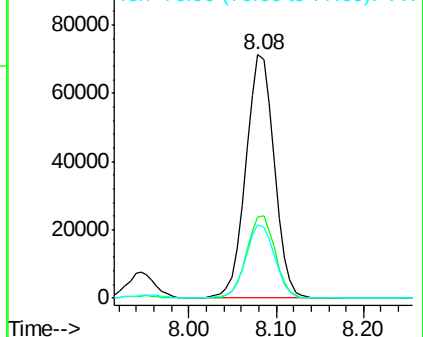
77 30.8 24.5 36.7

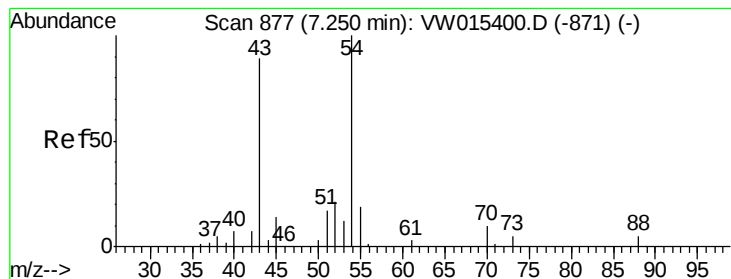


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 66.967 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.01 min

Lab File: VW015420.D

Acq: 07 May 2020 15:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

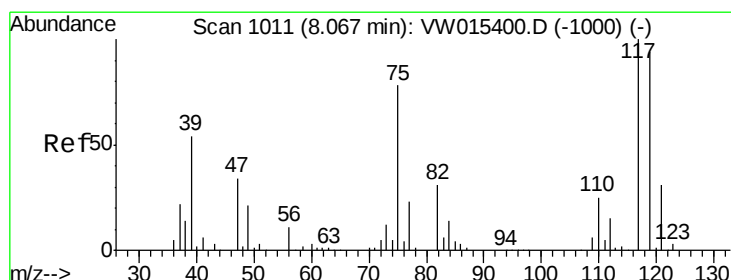
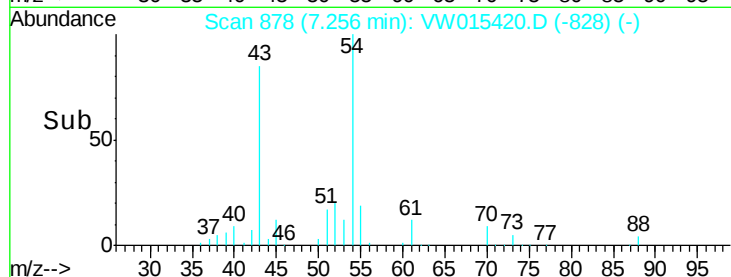
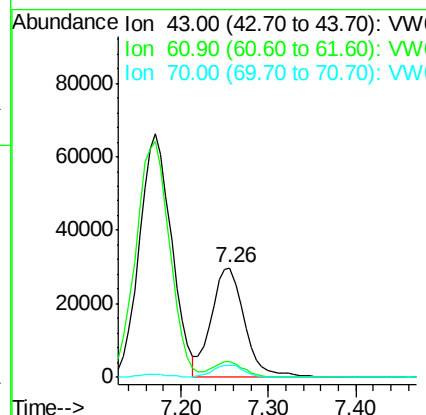
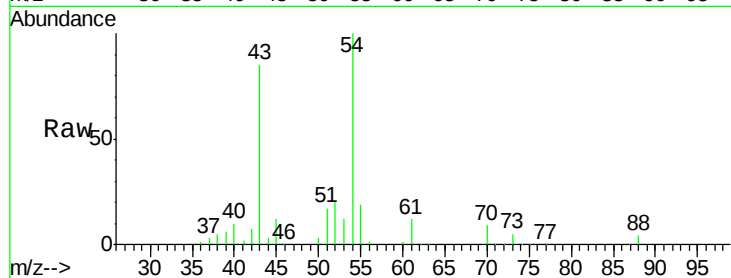
Tot Ion: 43 Resp: 78278

Ion Ratio Lower Upper

43 100

61 13.1 10.2 15.2

70 10.4 8.0 12.0



#38

Carbon Tetrachloride

Concen: 53.481 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW015420.D

Acq: 07 May 2020 15:58

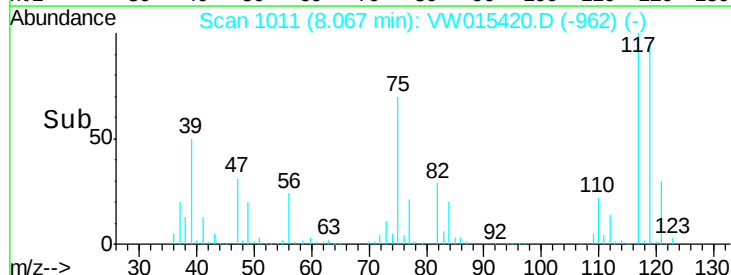
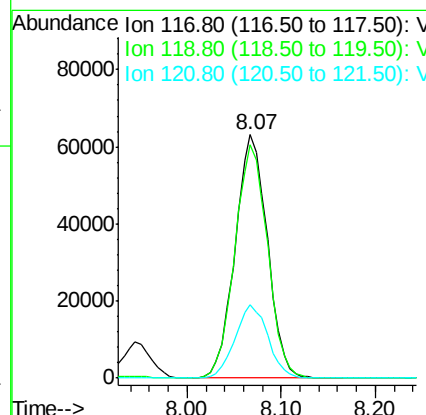
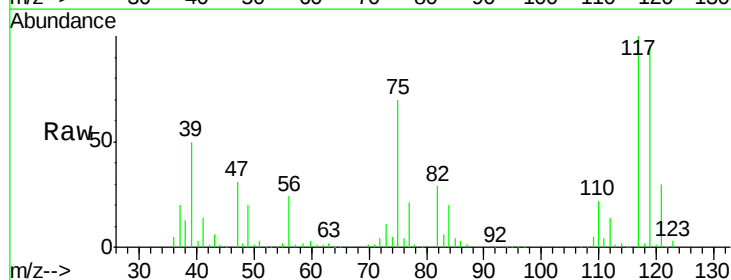
Tgt Ion: 117 Resp: 150618

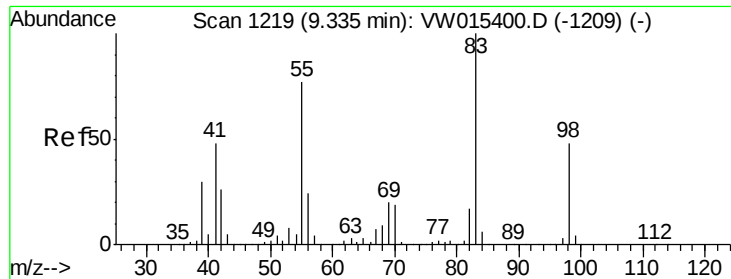
Ion Ratio Lower Upper

117 100

119 95.7 75.4 113.0

121 30.4 24.8 37.2

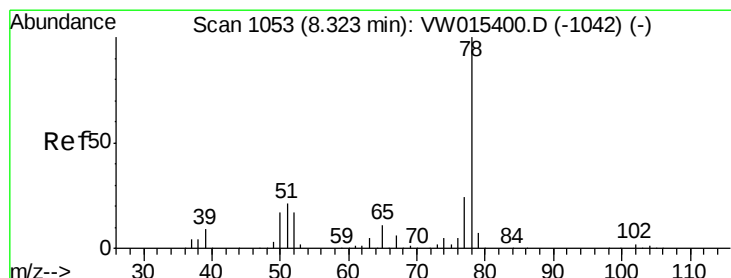
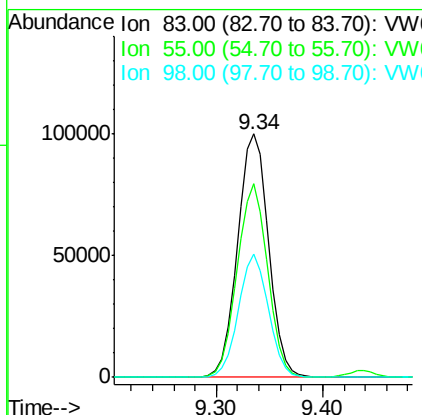
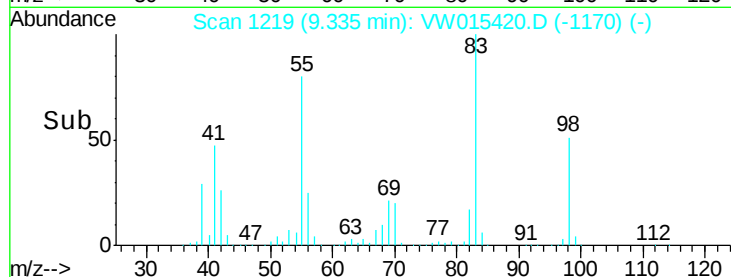
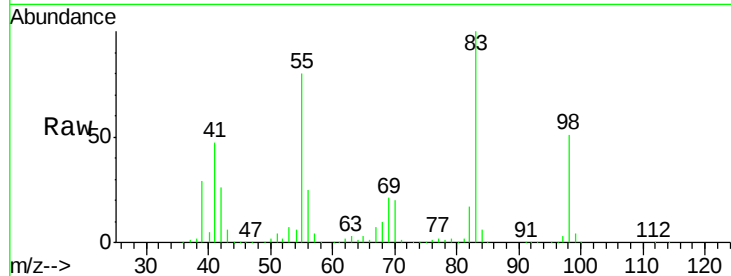




#39
Methvlcvclohexane
Concen: 53.608 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW015420.D
Acq: 07 May 2020 15:58

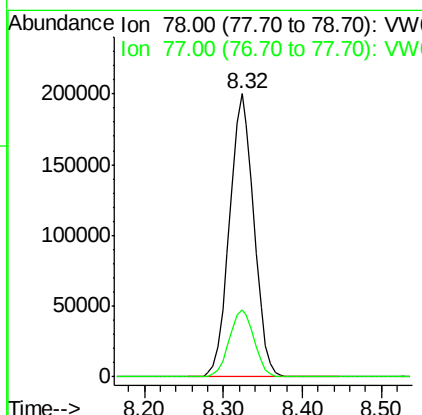
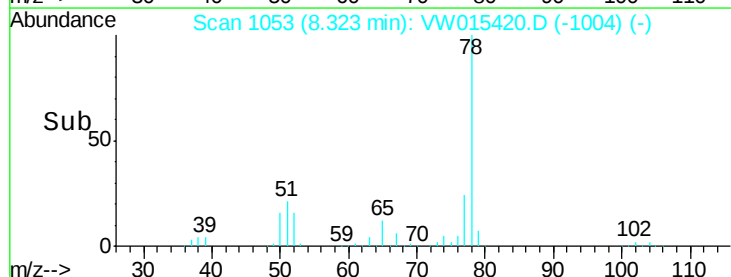
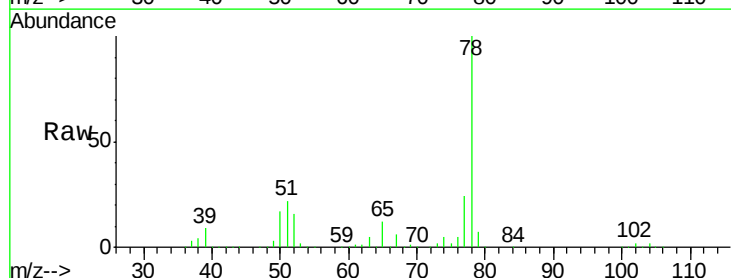
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

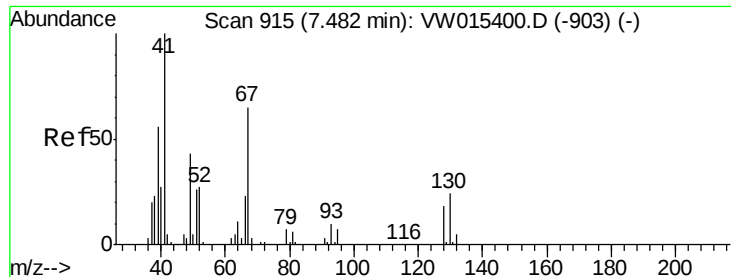
Tot Ion: 83 Resp: 204425
Ion Ratio Lower Upper
83 100
55 79.8 61.9 92.9
98 50.8 38.2 57.2



#40
Benzene
Concen: 52.170 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW015420.D
Acq: 07 May 2020 15:58

Tgt Ion: 78 Resp: 428635
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4

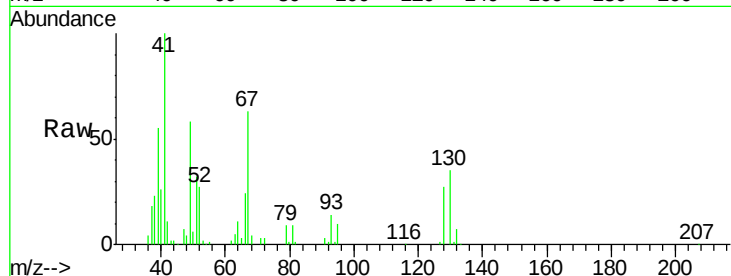




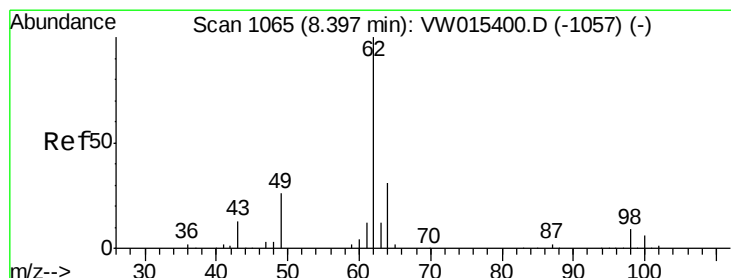
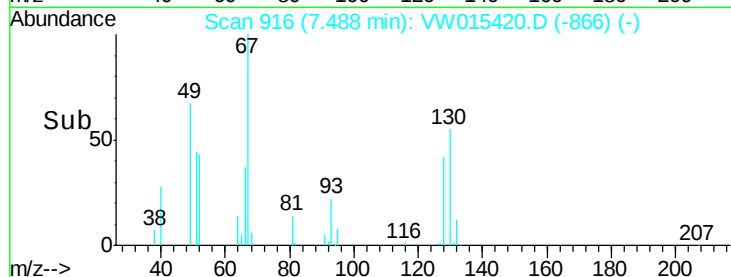
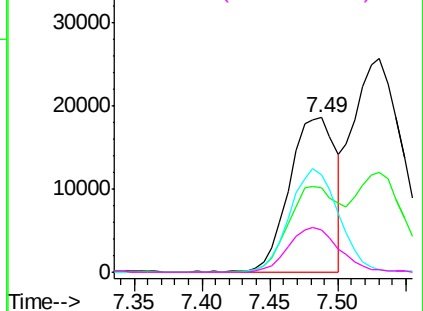
#41
Methacrylonitrile
Concen: 59.473 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW015420.D
Acq: 07 May 2020 15:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	43924
Ion	Ratio	Lower	Upper
41	100		
39	63.7	46.2	69.4
67	71.3	56.2	84.2
52	31.8	25.0	37.6

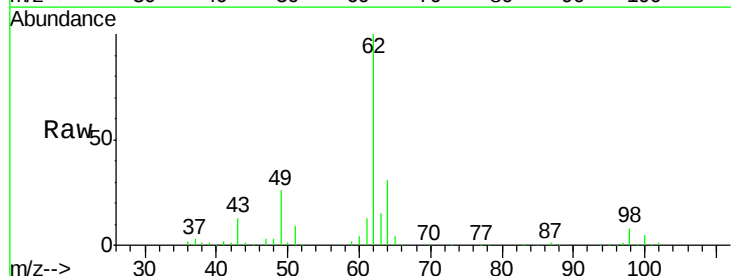


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

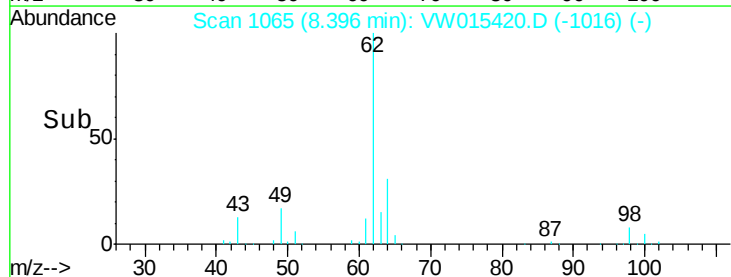
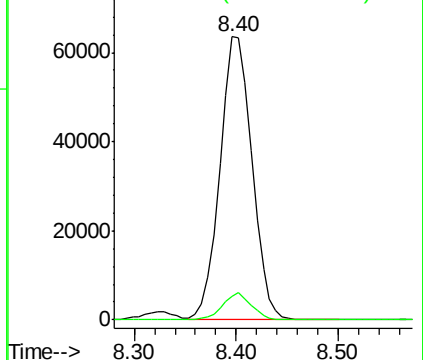


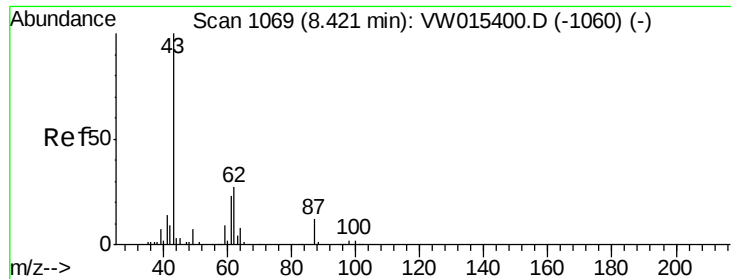
#42
1,2-Dichloroethane
Concen: 55.454 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW015420.D
Acq: 07 May 2020 15:58

Tgt Ion:	62	Resp:	138773
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.6



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 62.780 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW015420.D

Acq: 07 May 2020 15:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

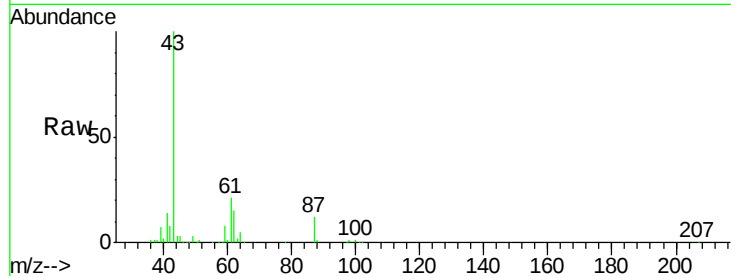
Tot Ion: 43 Resp: 154334

Ion Ratio Lower Upper

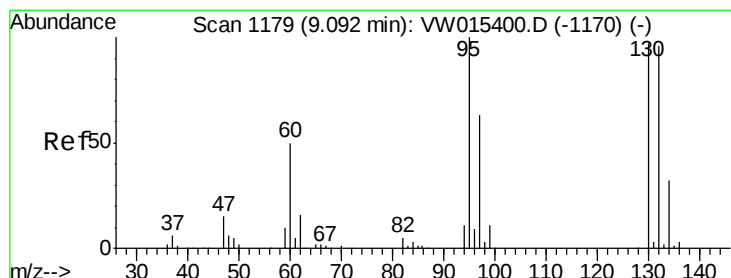
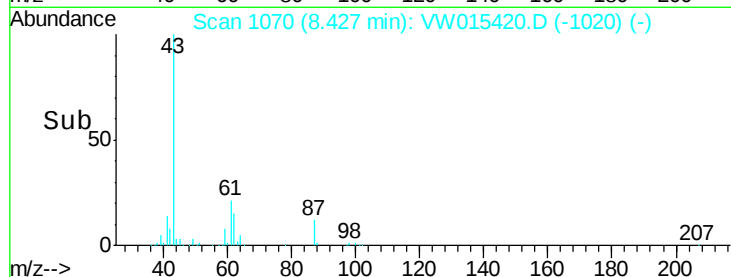
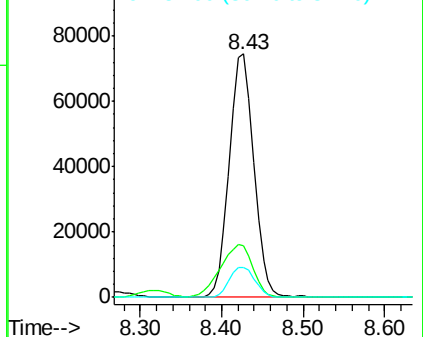
43 100

61 28.7 24.3 36.5

87 12.8 10.1 15.1



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: 52.415 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW015420.D

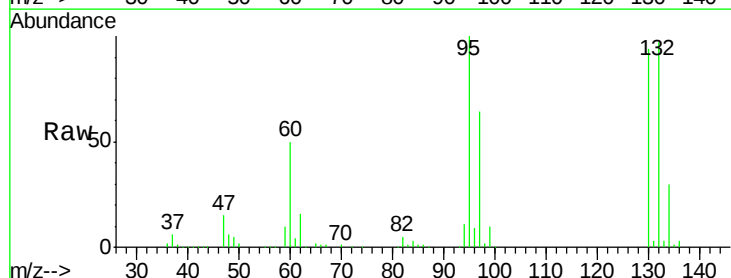
Acq: 07 May 2020 15:58

Tgt Ion: 130 Resp: 111617

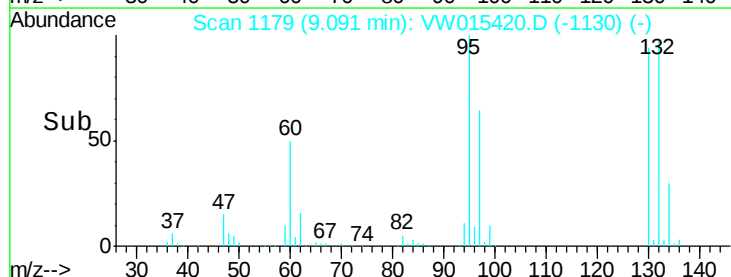
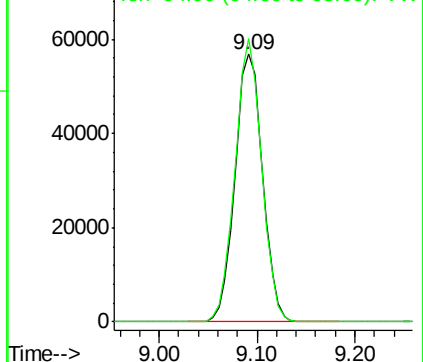
Ion Ratio Lower Upper

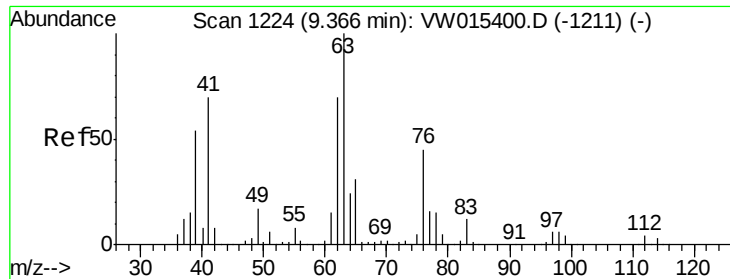
130 100

95 105.9 0.0 205.8



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





#45

1,2-Dichloropropane

Concen: 51.873 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW015420.D

Acq: 07 May 2020 15:58

Instrument :

MSVOA_W

ClientSampleId :

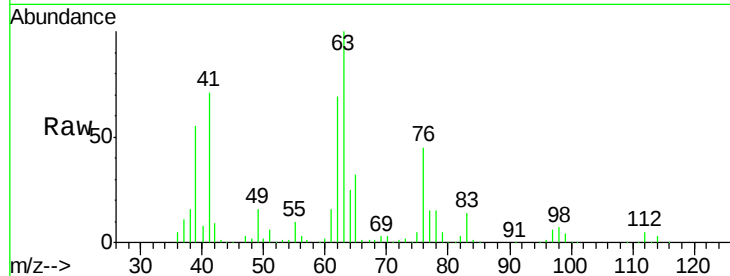
VSTDCCC050EC

Tot Ion: 63 Resp: 105284

Ion Ratio Lower Upper

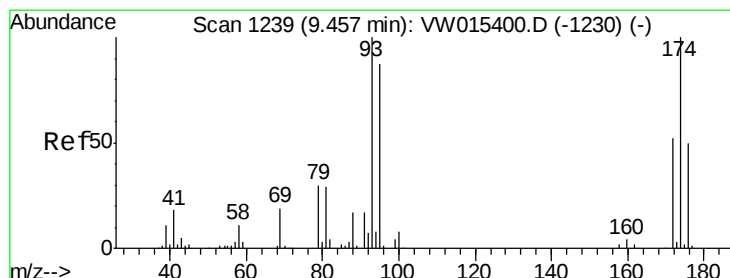
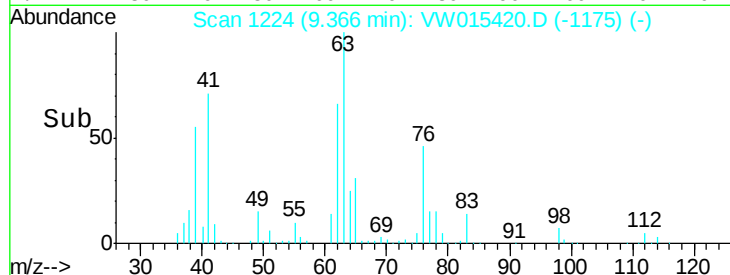
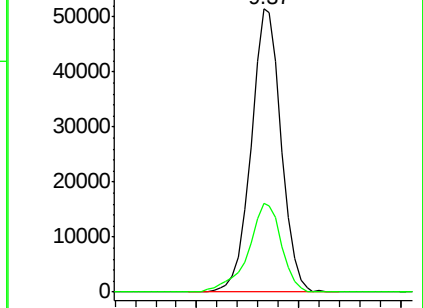
63 100

65 31.6 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 56.107 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW015420.D

Acq: 07 May 2020 15:58

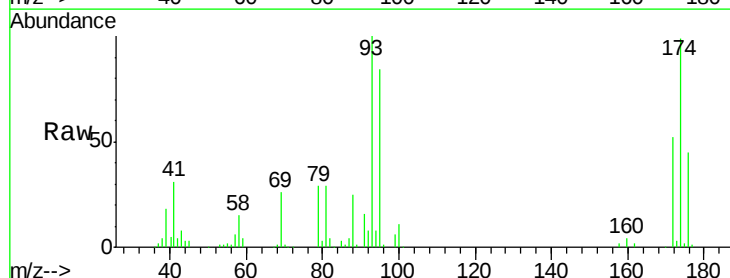
Tgt Ion: 93 Resp: 56639

Ion Ratio Lower Upper

93 100

95 82.4 67.0 100.4

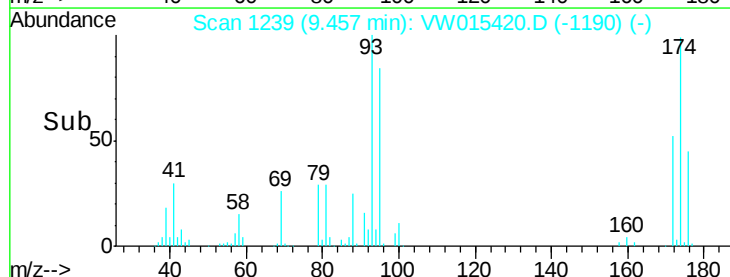
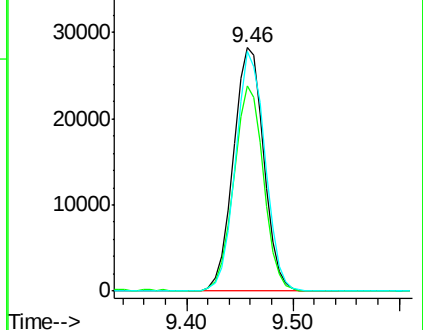
174 96.1 78.4 117.6

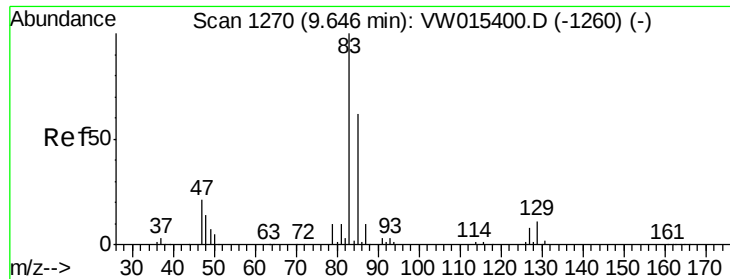


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 53.354 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW015420.D

Acq: 07 May 2020 15:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

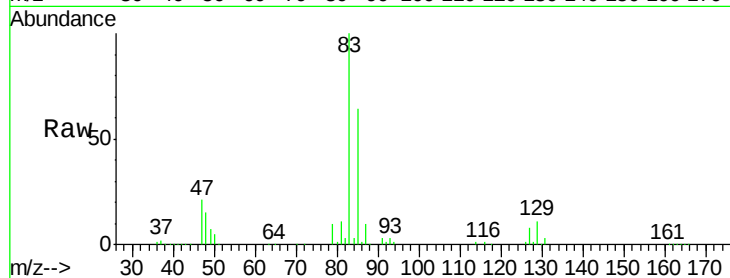
Tot Ion: 83 Resp: 146786

Ion Ratio Lower Upper

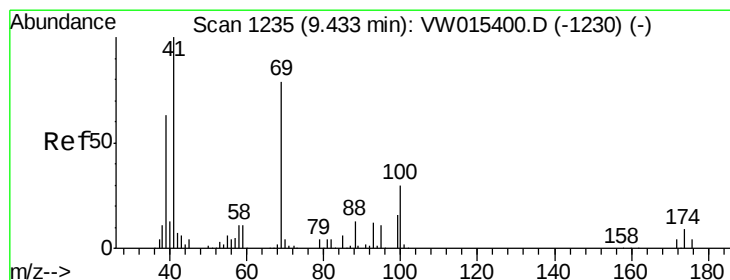
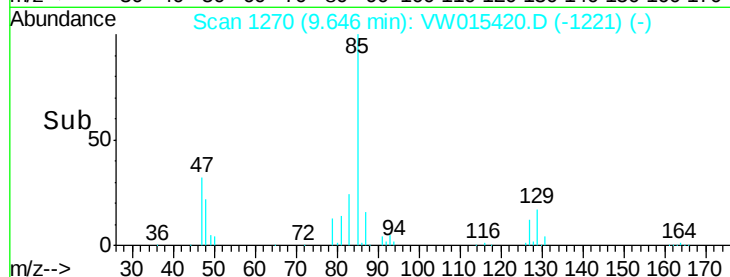
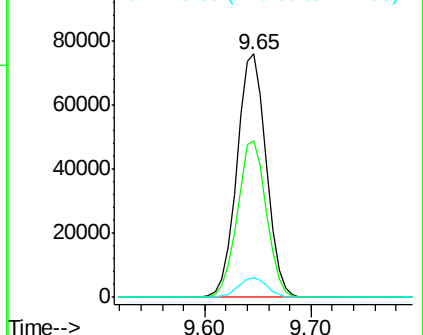
83 100

85 64.2 49.4 74.0

127 8.0 6.4 9.6



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): V



#48

Methyl methacrylate

Concen: 62.113 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW015420.D

Acq: 07 May 2020 15:58

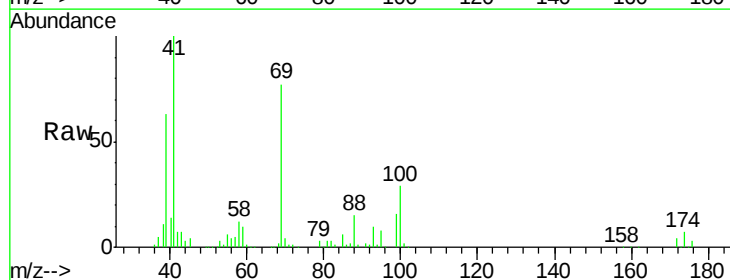
Tgt Ion: 41 Resp: 70532

Ion Ratio Lower Upper

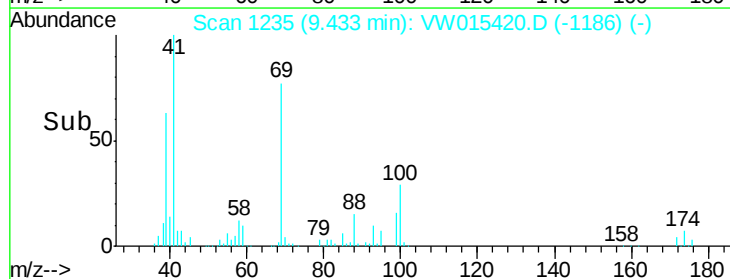
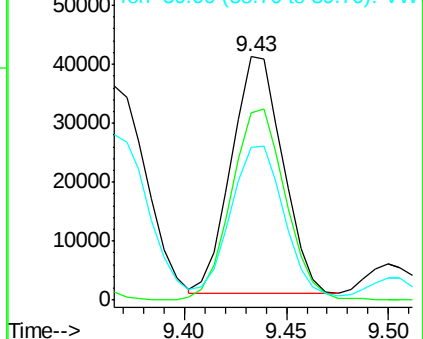
41 100

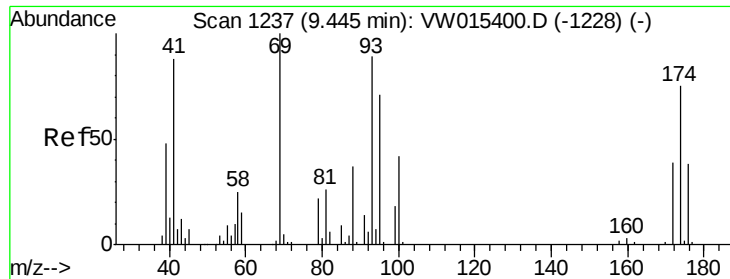
69 85.0 66.2 99.4

39 65.1 51.1 76.7



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: 1578.716 ug/l

RT: 9.44 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VW015420.D

Acq: 07 May 2020 15:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

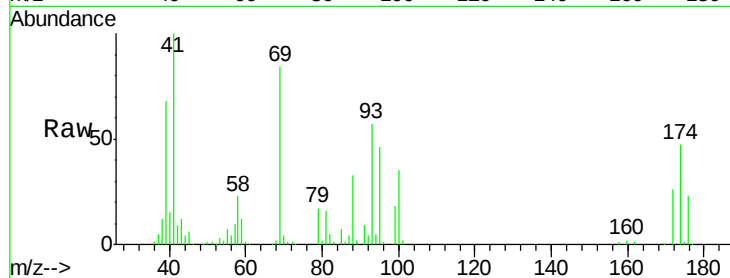
Tot Ion: 88 Resp: 20056

Ion Ratio Lower Upper

88 100

43 35.5 30.6 45.8

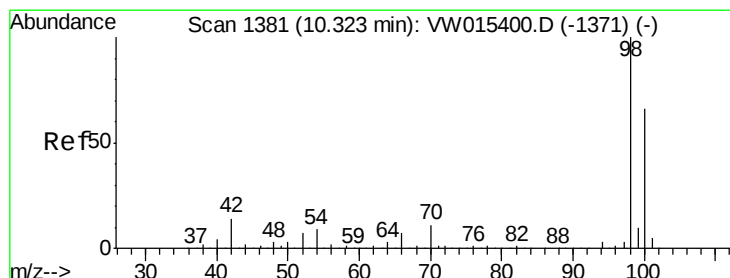
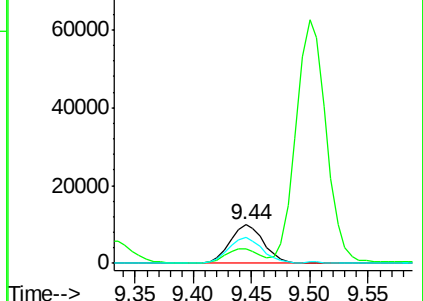
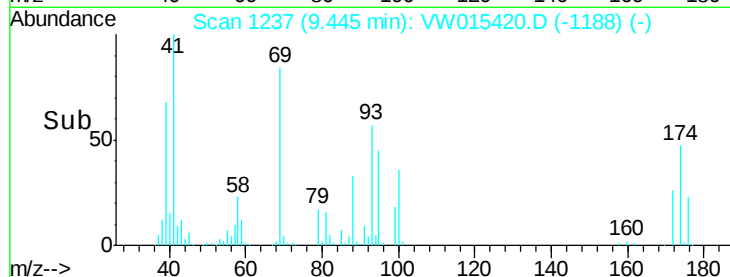
58 68.9 56.3 84.5



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 50.841 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW015420.D

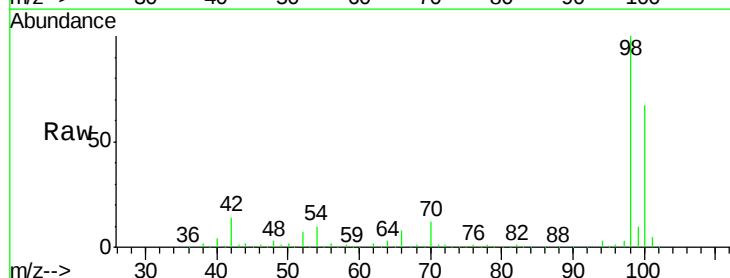
Acq: 07 May 2020 15:58

Tgt Ion: 98 Resp: 370275

Ion Ratio Lower Upper

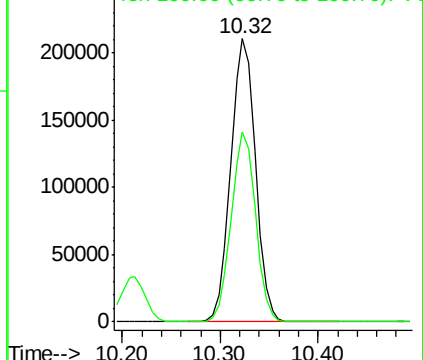
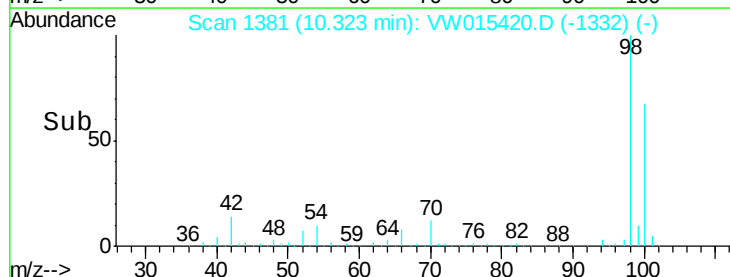
98 100

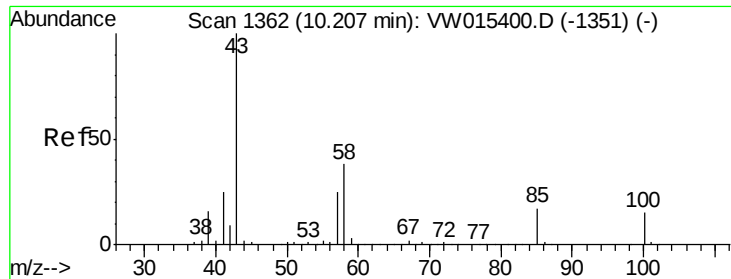
100 66.0 52.7 79.1



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: 331.995 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW015420.D

Acq: 07 May 2020 15:58

Instrument :

MSVOA_W

ClientSampleId :

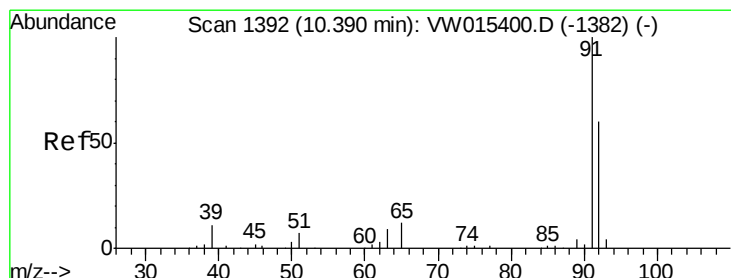
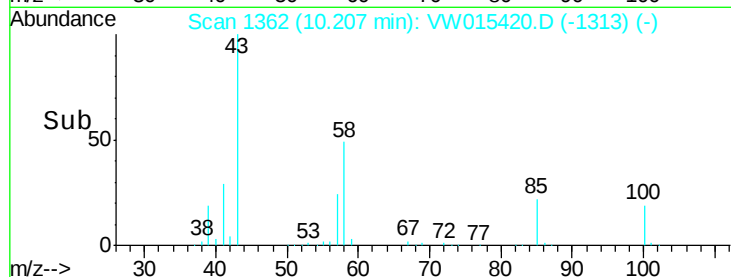
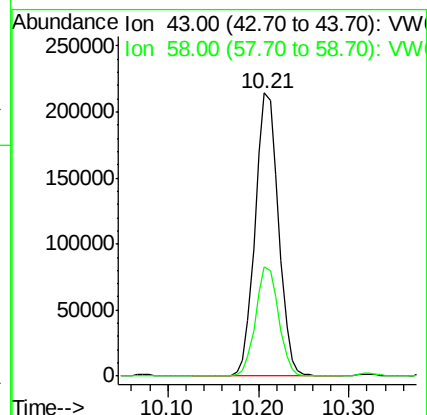
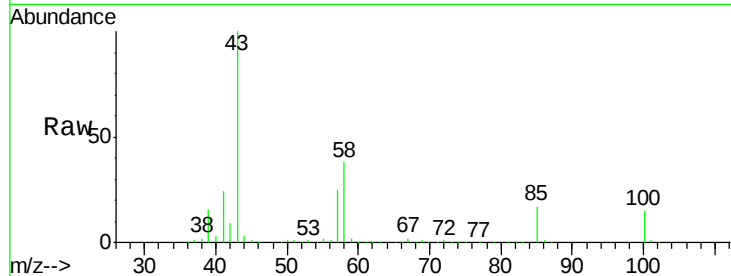
VSTDCCC050EC

Tot Ion: 43 Resp: 382488

Ion Ratio Lower Upper

43 100

58 38.1 30.8 46.2



#52

Toluene

Concen: 51.608 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015420.D

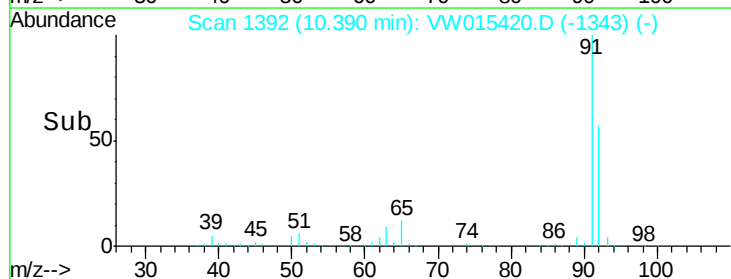
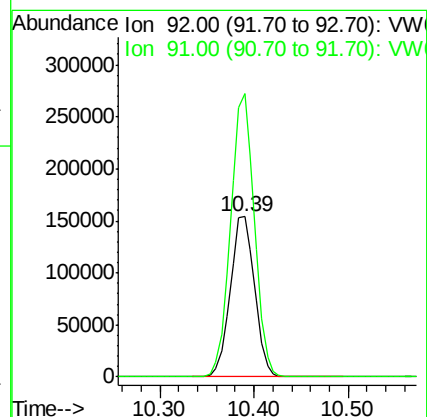
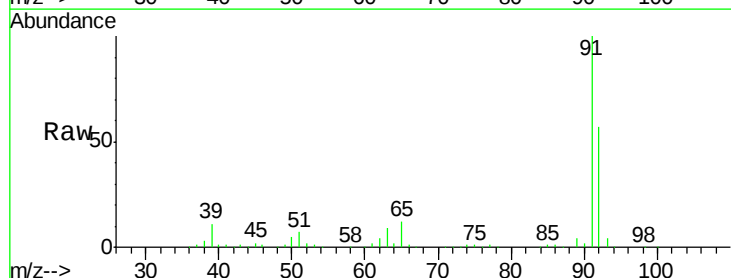
Acq: 07 May 2020 15:58

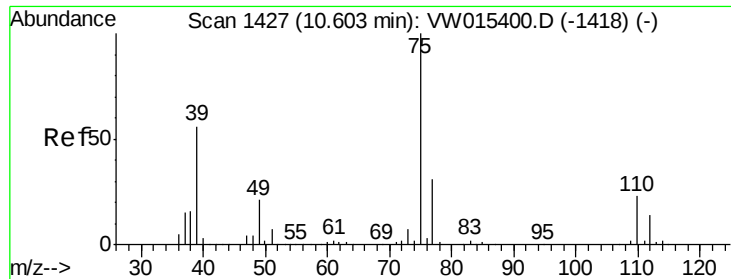
Tgt Ion: 92 Resp: 275549

Ion Ratio Lower Upper

92 100

91 172.3 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 55.611 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW015420.D

Acq: 07 May 2020 15:58

Instrument :

MSVOA_W

ClientSampleId :

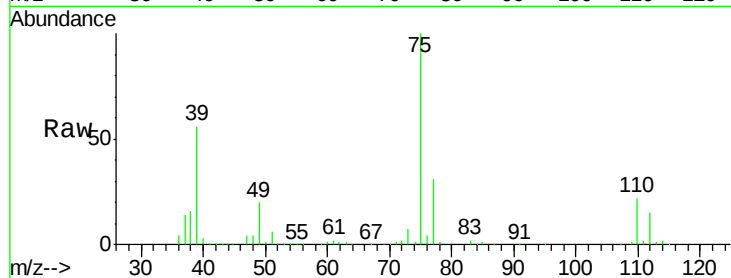
VSTDCCC050EC

Tot Ion: 75 Resp: 156164

Ion Ratio Lower Upper

75 100

77 30.9 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.60

80000

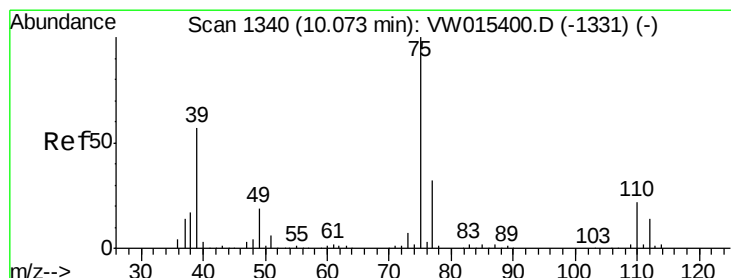
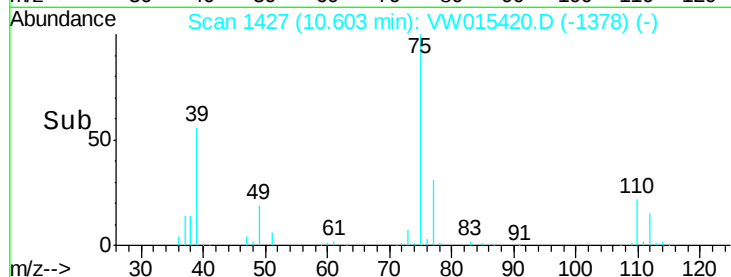
60000

40000

20000

0

Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 53.261 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW015420.D

Acq: 07 May 2020 15:58

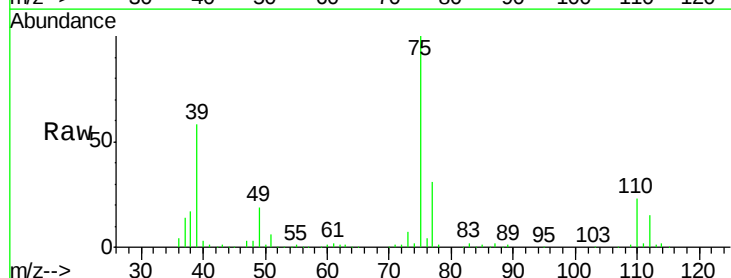
Tgt Ion: 75 Resp: 176107

Ion Ratio Lower Upper

75 100

77 31.1 25.6 38.4

39 57.6 45.6 68.4



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

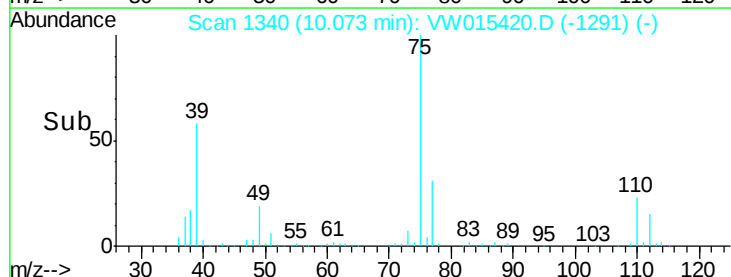
10.07

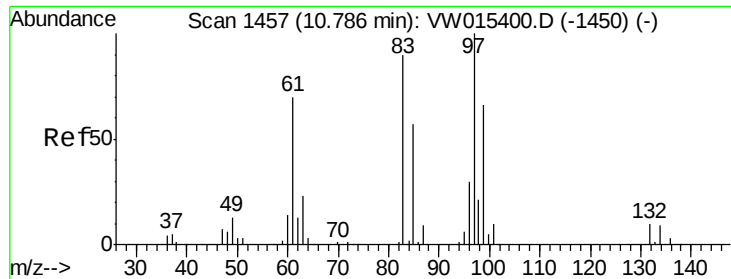
100000

50000

0

Time--> 10.00 10.10 10.20

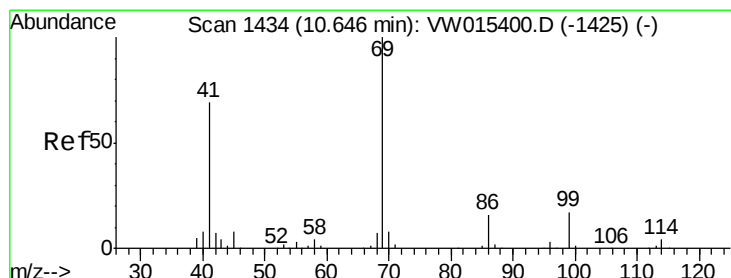
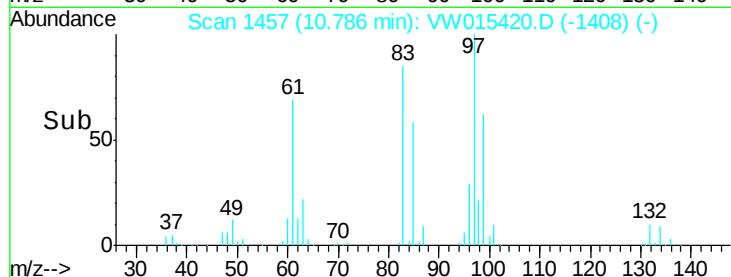
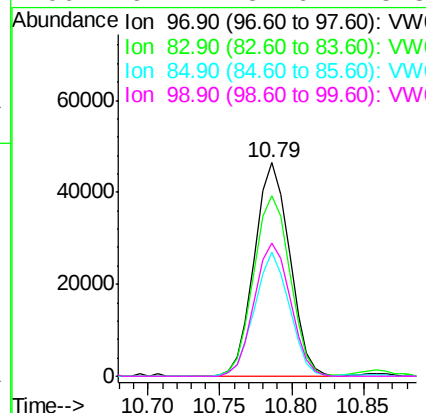
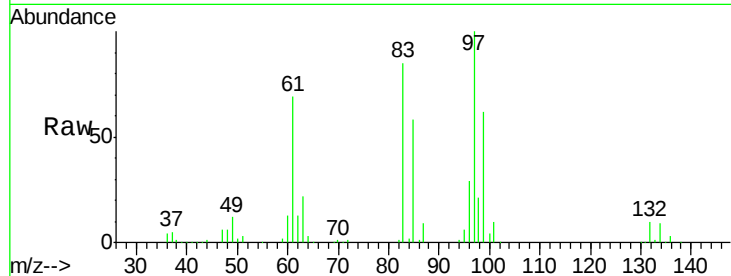




#55
 1,1,2-Trichloroethane
 Concen: 55.398 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW015420.D
 Acq: 07 May 2020 15:58

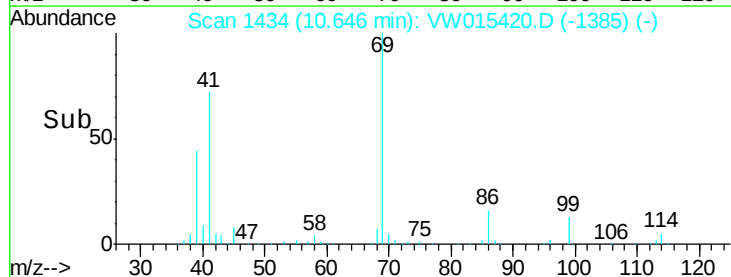
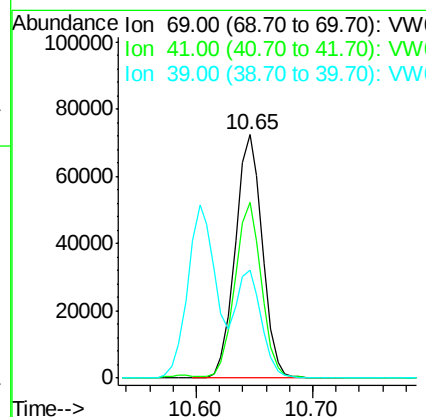
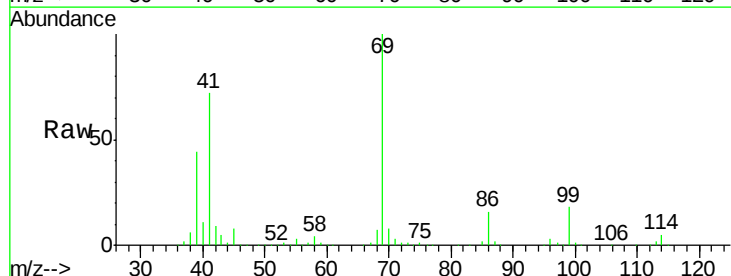
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

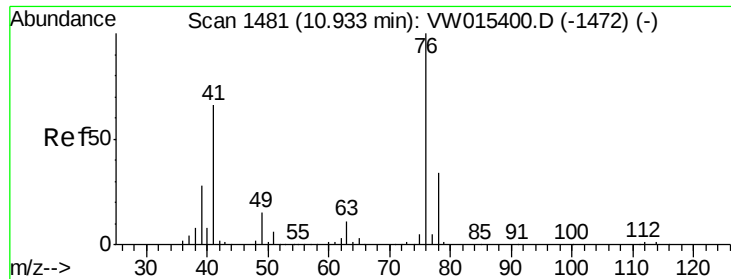
Tot Ion:	97	Resp:	79081
Ion	Ratio	Lower	Upper
97	100		
83	84.7	72.2	108.4
85	58.1	45.2	67.8
99	62.2	52.6	78.8



#56
 Ethyl methacrylate
 Concen: 59.823 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW015420.D
 Acq: 07 May 2020 15:58

Tgt Ion:	69	Resp:	117335
Ion	Ratio	Lower	Upper
69	100		
41	70.1	55.3	82.9
39	40.9	31.9	47.9

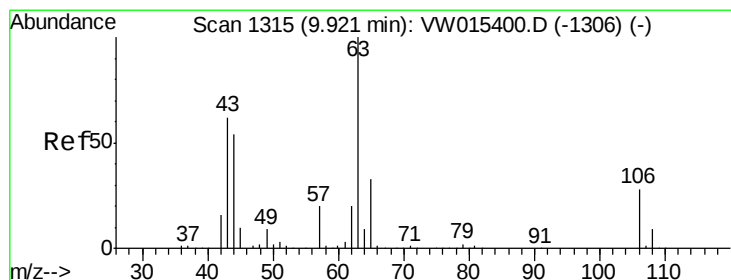
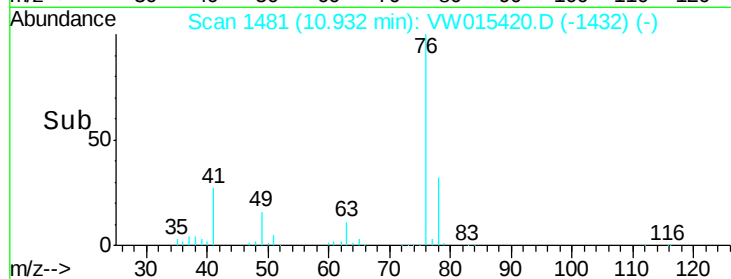
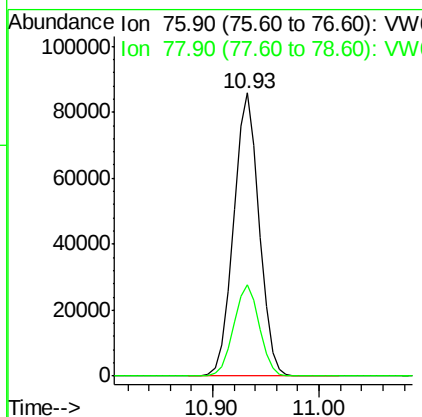
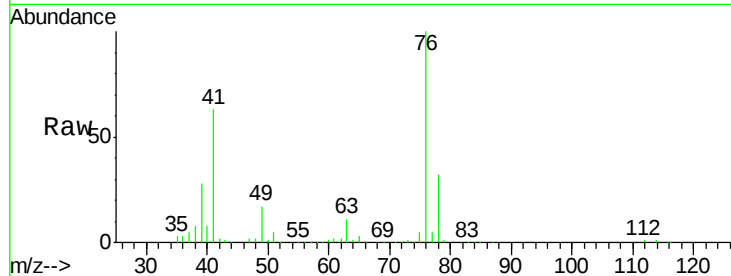




#57
 1,3-Dichloropropane
 Concen: 56.101 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW015420.D
 Acq: 07 May 2020 15:58

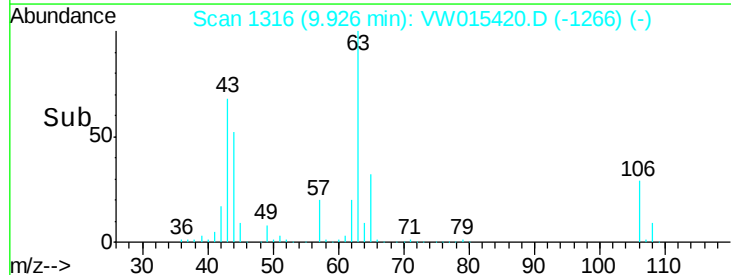
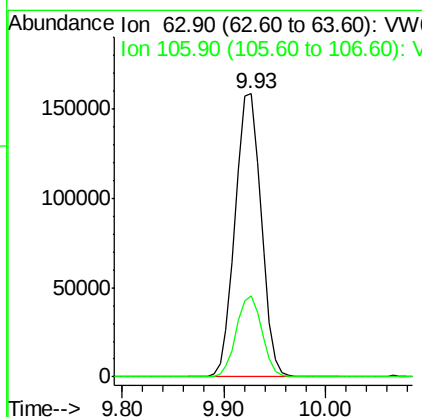
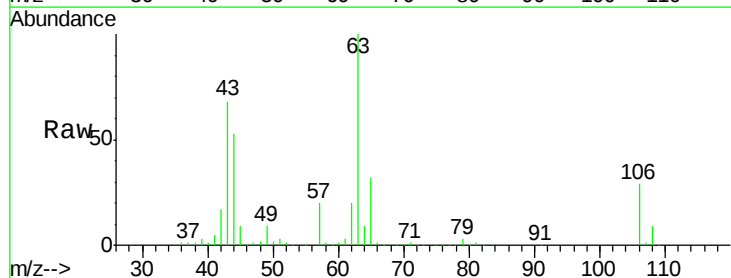
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

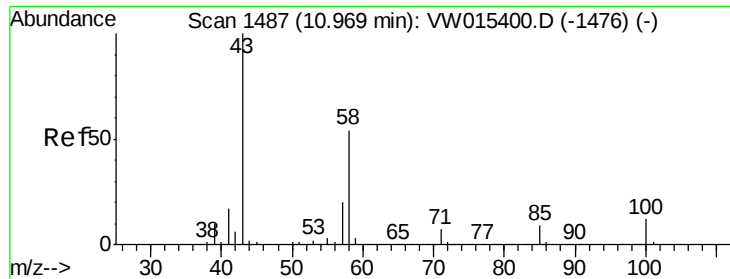
Tot Ion: 76 Resp: 143988
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 294.129 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW015420.D
 Acq: 07 May 2020 15:58

Tgt Ion: 63 Resp: 280659
 Ion Ratio Lower Upper
 63 100
 106 28.0 22.6 33.8

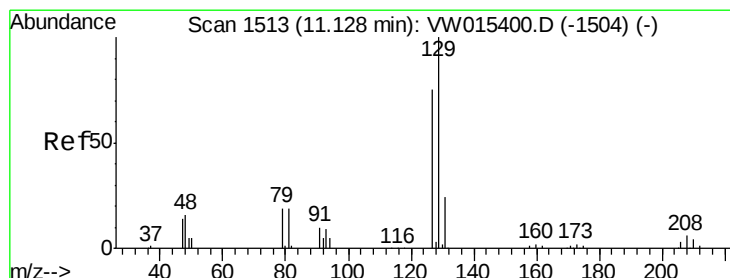
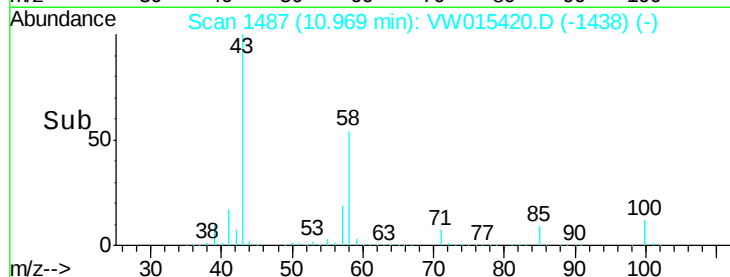
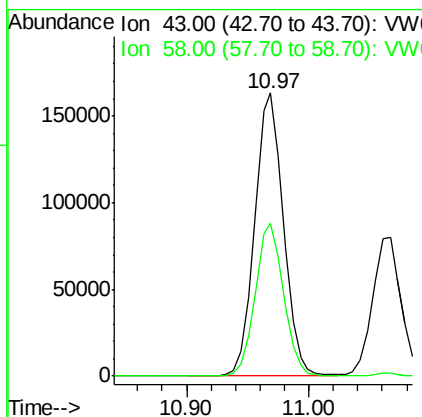
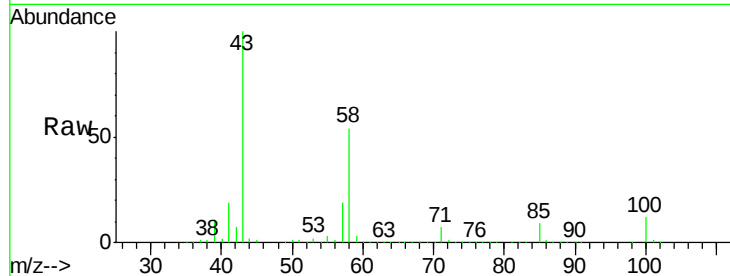




#59
2-Hexanone
Concen: 342.797 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW015420.D
Acq: 07 May 2020 15:58

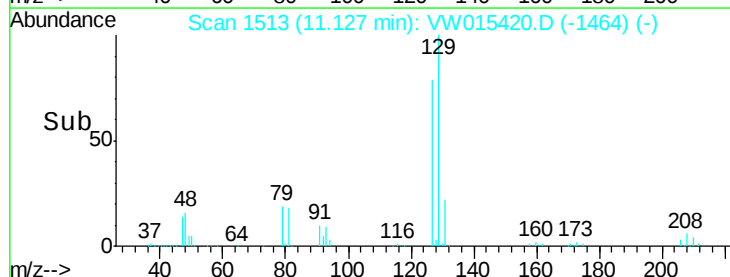
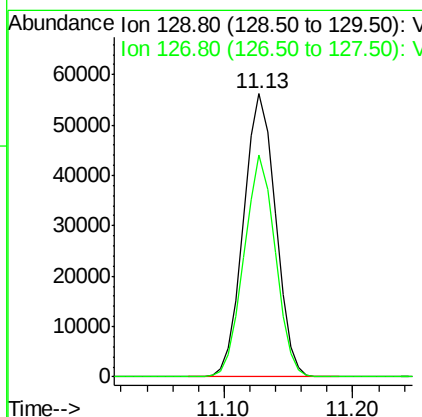
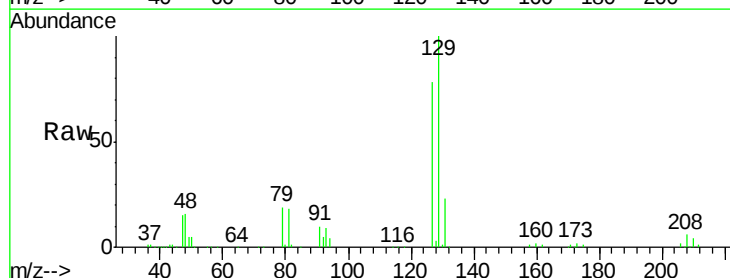
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

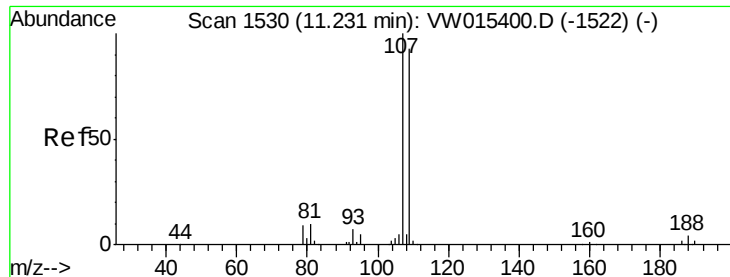
Tot Ion: 43 Resp: 267223
Ion Ratio Lower Upper
43 100
58 53.5 26.7 80.0



#60
Dibromochloromethane
Concen: 56.257 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW015420.D
Acq: 07 May 2020 15:58

Tgt Ion: 129 Resp: 96584
Ion Ratio Lower Upper
129 100
127 76.3 39.1 117.2





#61

1,2-Dibromoethane

Concen: 58.189 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.01 min

Lab File: VW015420.D

Acq: 07 May 2020 15:58

Instrument :

MSVOA_W

ClientSampleId :

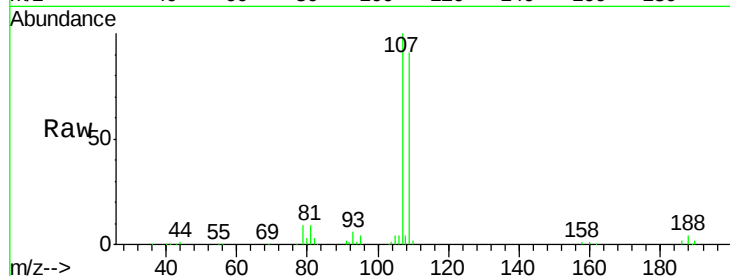
VSTDCCC050EC

Tot Ion:107 Resp: 78650

Ion Ratio Lower Upper

107 100

109 93.0 75.0 112.4

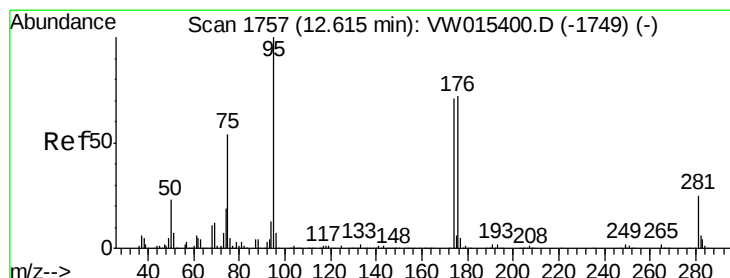
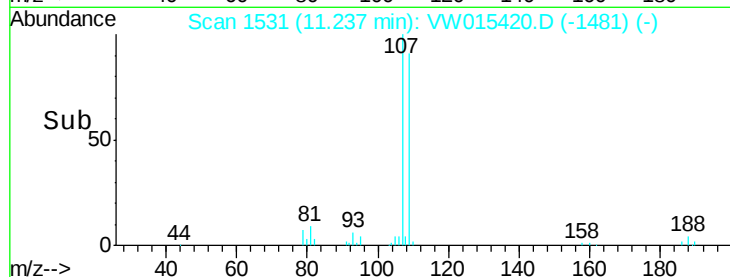


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

Time-->



#62

4-Bromofluorobenzene

Concen: 51.610 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW015420.D

Acq: 07 May 2020 15:58

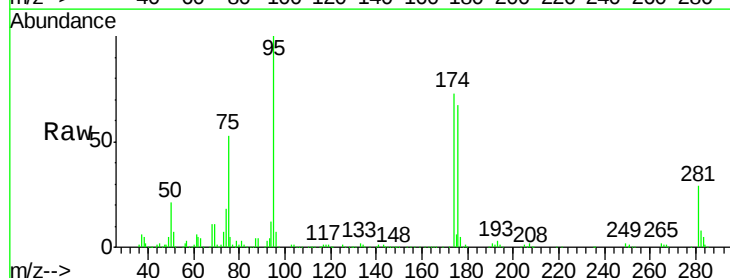
Tgt Ion: 95 Resp: 138796

Ion Ratio Lower Upper

95 100

174 76.1 0.0 147.6

176 71.6 0.0 144.4



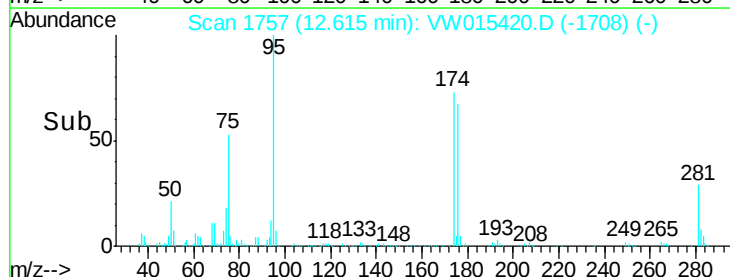
Abundance Ion 94.90 (94.60 to 95.60): VW

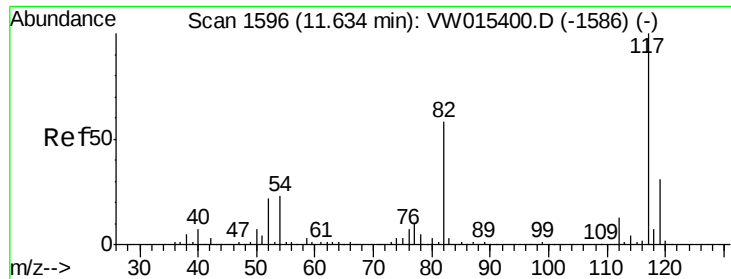
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.61

Time-->

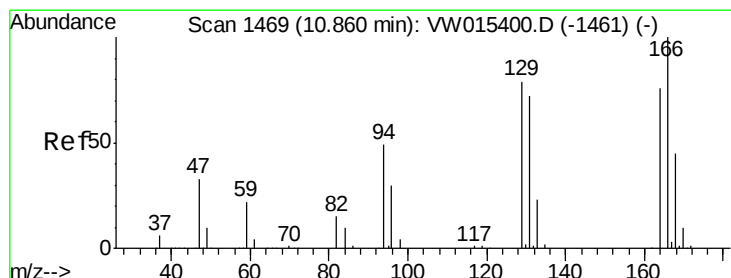
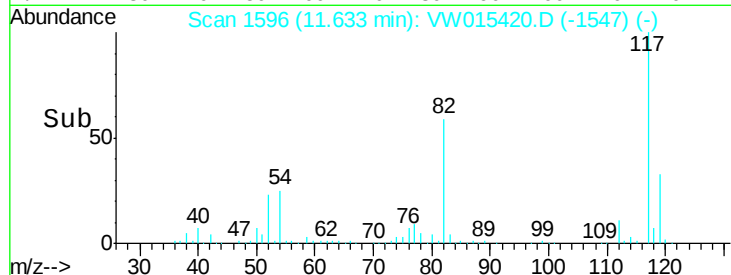
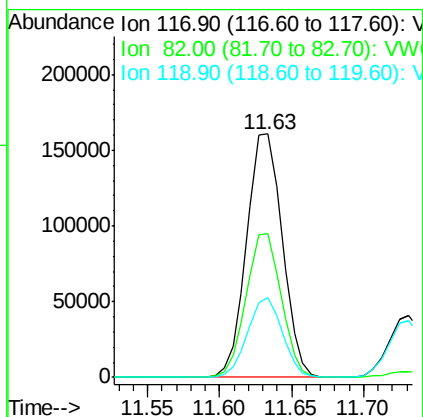
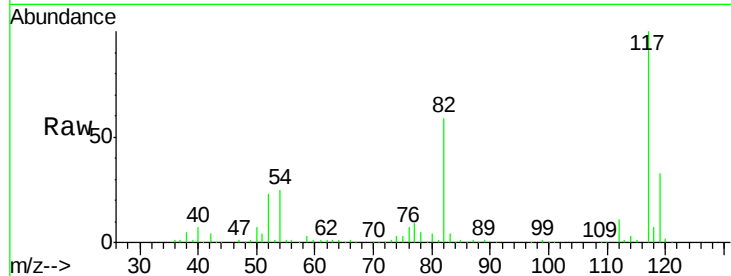




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015420.D
Acq: 07 May 2020 15:58

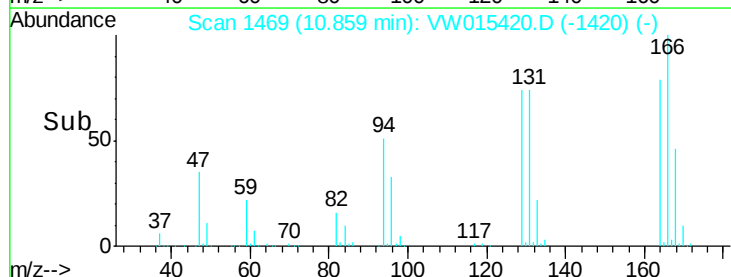
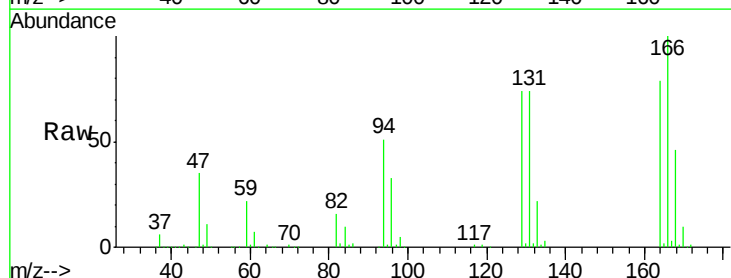
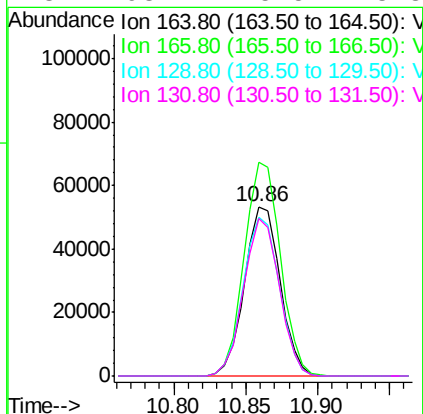
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

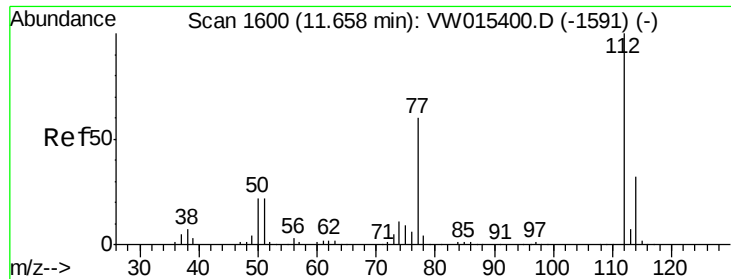
Tot Ion:117 Resp: 275831
Ion Ratio Lower Upper
117 100
82 59.3 46.4 69.6
119 32.8 24.6 37.0



#64
Tetrachloroethene
Concen: 54.215 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW015420.D
Acq: 07 May 2020 15:58

Tgt Ion:164 Resp: 91405
Ion Ratio Lower Upper
164 100
166 126.0 104.9 157.3
129 93.4 82.7 124.1
131 93.1 75.5 113.3

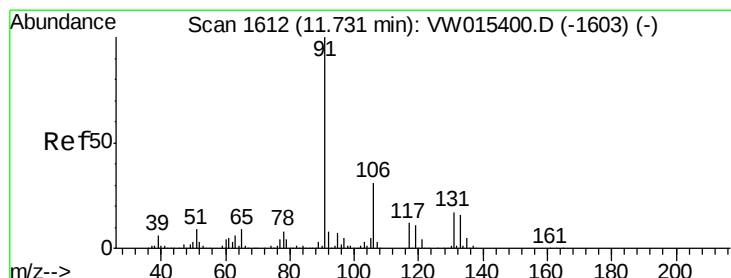
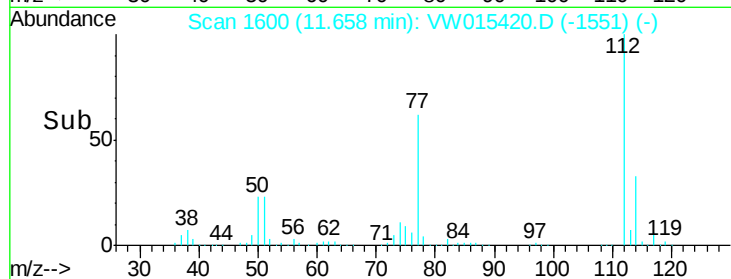
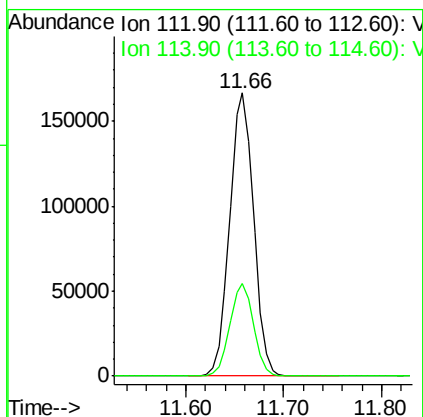
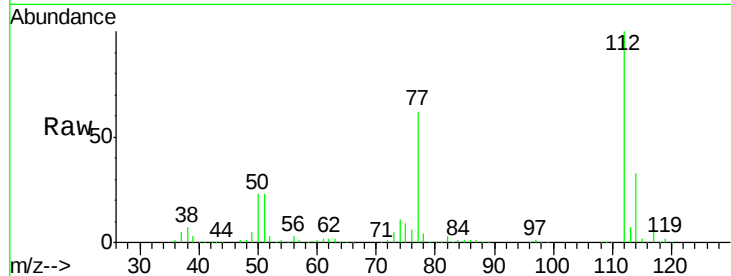




#65
Chlorobenzene
Concen: 51.976 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW015420.D
Acq: 07 May 2020 15:58

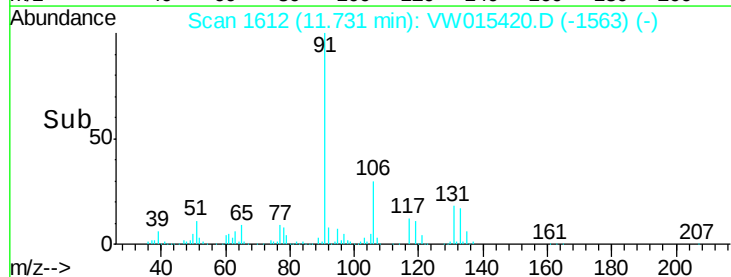
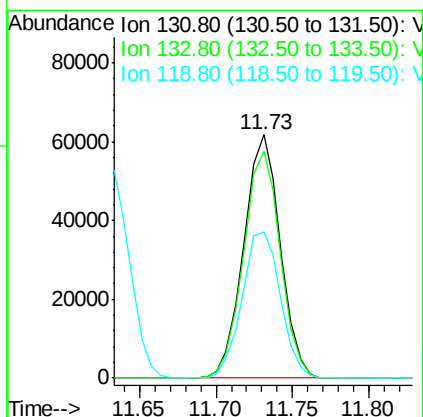
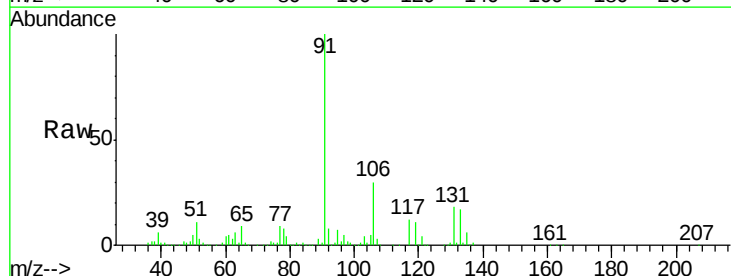
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

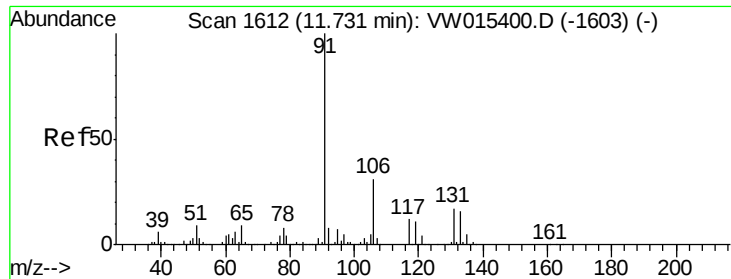
Tot Ion:112 Resp: 282670
Ion Ratio Lower Upper
112 100
114 32.7 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 53.204 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015420.D
Acq: 07 May 2020 15:58

Tgt Ion:131 Resp: 102588
Ion Ratio Lower Upper
131 100
133 94.0 47.9 143.8
119 63.3 33.0 99.0

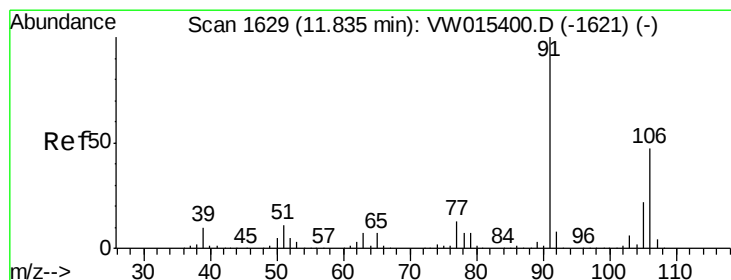
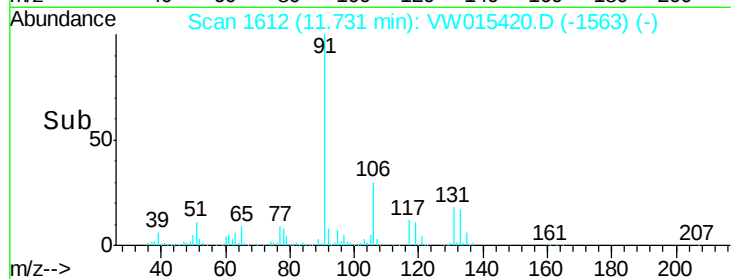
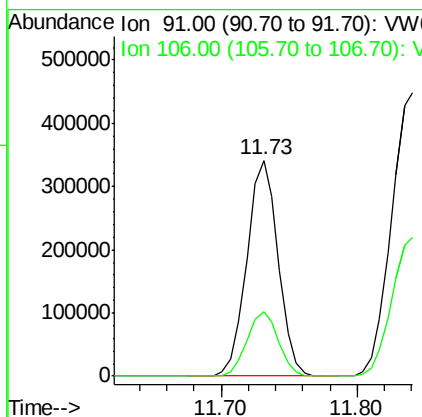
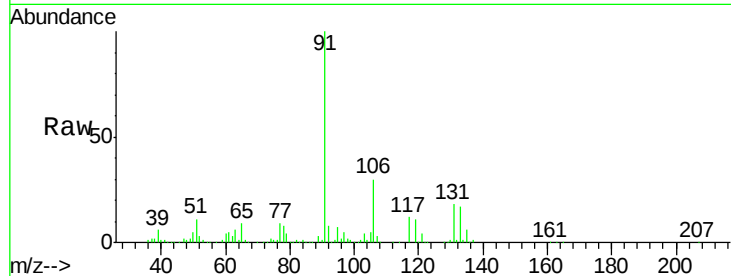




#67
Ethyl Benzene
Concen: 52.675 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015420.D
Acq: 07 May 2020 15:58

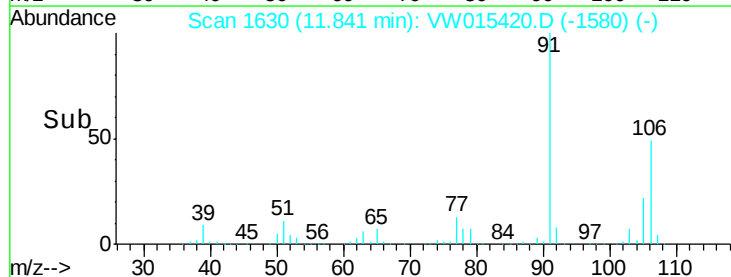
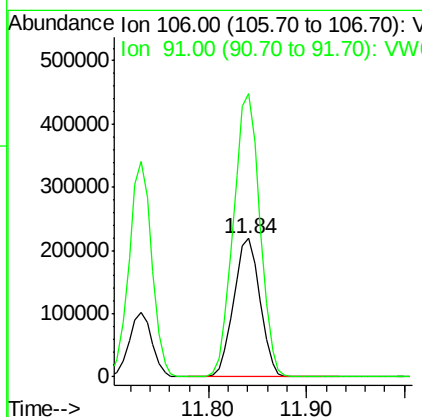
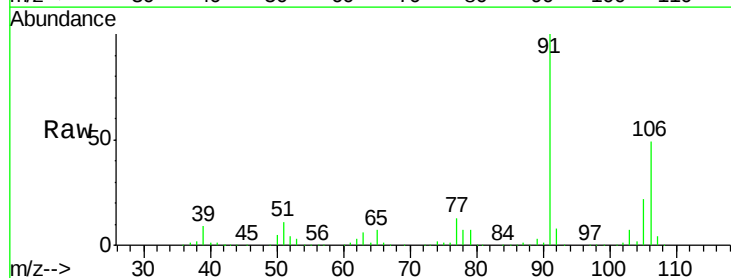
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

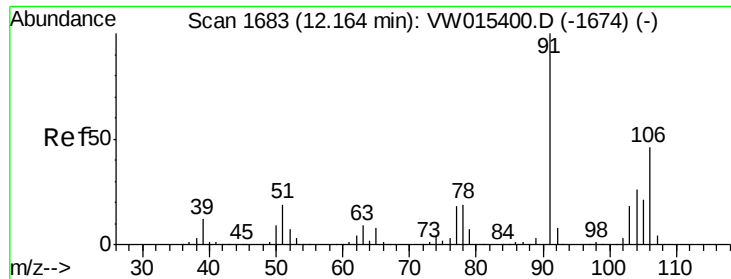
Tot Ion: 91 Resp: 548316
Ion Ratio Lower Upper
91 100
106 29.9 25.2 37.8



#68
m/p-Xylenes
Concen: 105.995 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW015420.D
Acq: 07 May 2020 15:58

Tgt Ion: 106 Resp: 410222
Ion Ratio Lower Upper
106 100
91 205.0 165.7 248.5

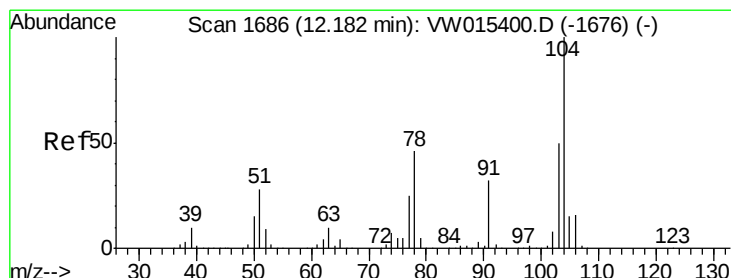
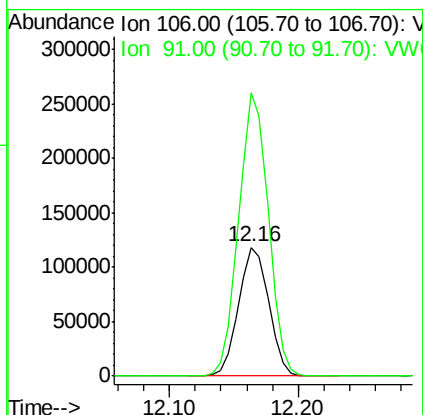
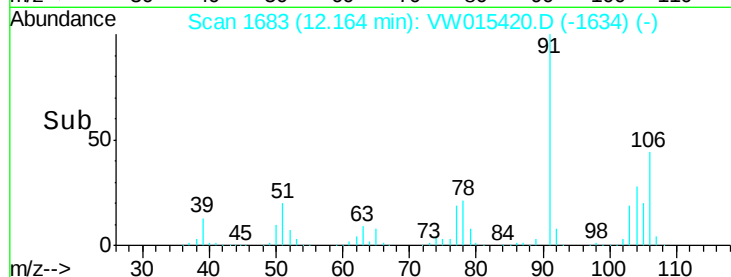
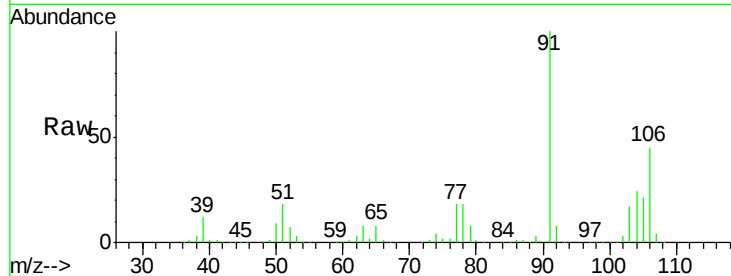




#69
o-Xylene
Concen: 52.700 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW015420.D
Acq: 07 May 2020 15:58

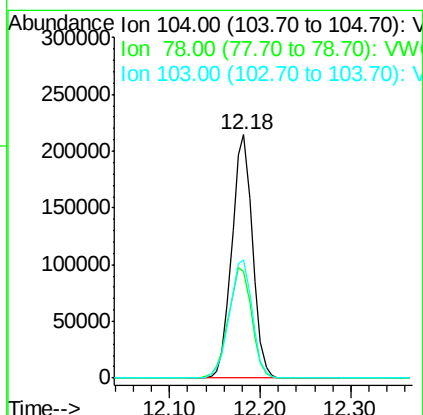
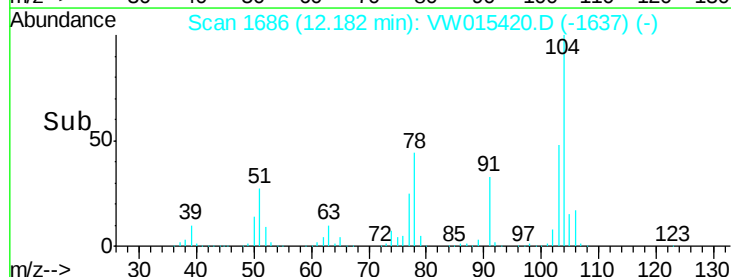
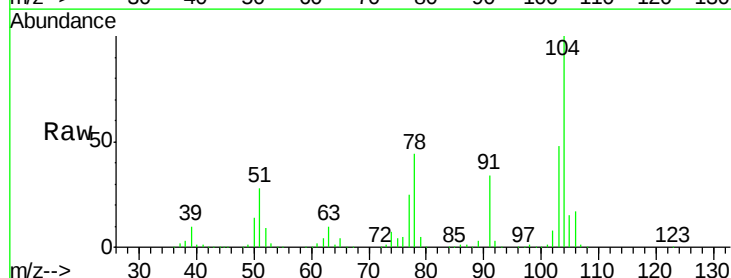
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

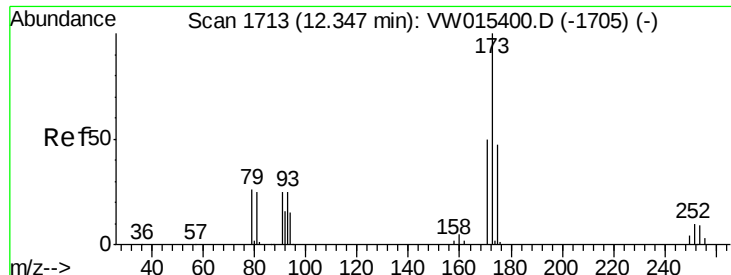
Tot Ion:106 Resp: 191661
Ion Ratio Lower Upper
106 100
91 216.4 109.0 327.0



#70
Styrene
Concen: 54.027 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW015420.D
Acq: 07 May 2020 15:58

Tgt Ion:104 Resp: 338409
Ion Ratio Lower Upper
104 100
78 51.3 41.8 62.8
103 53.7 43.6 65.4

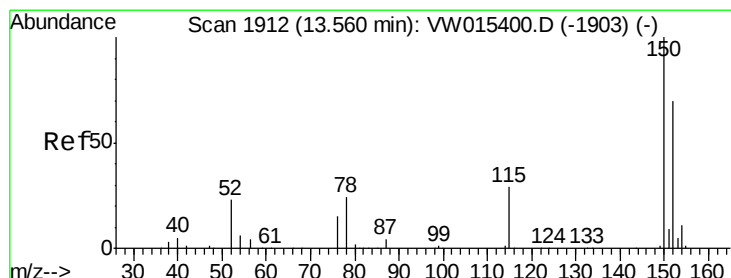
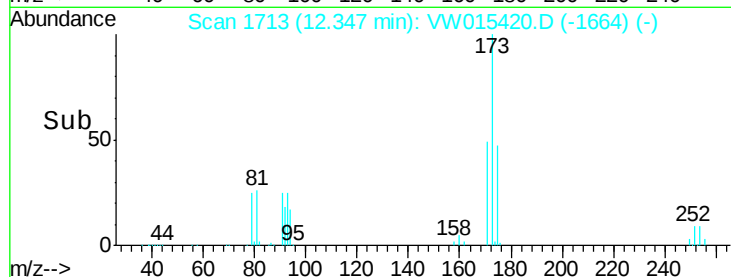
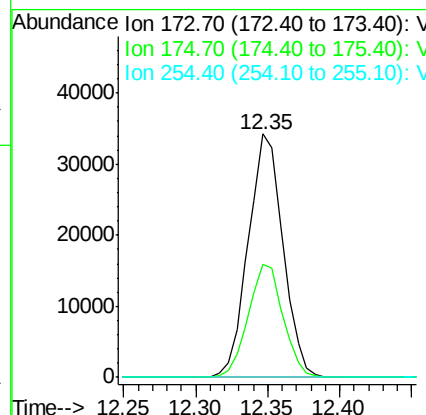
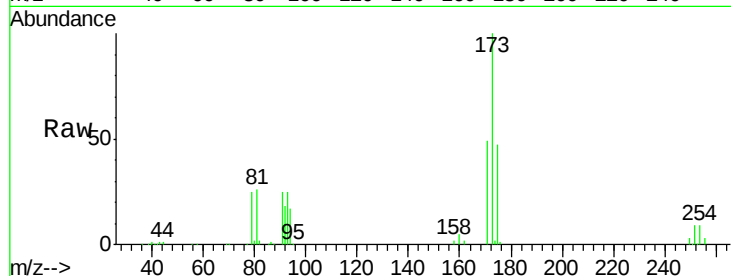




#71
Bromoform
Concen: 60.651 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW015420.D
Acq: 07 May 2020 15:58

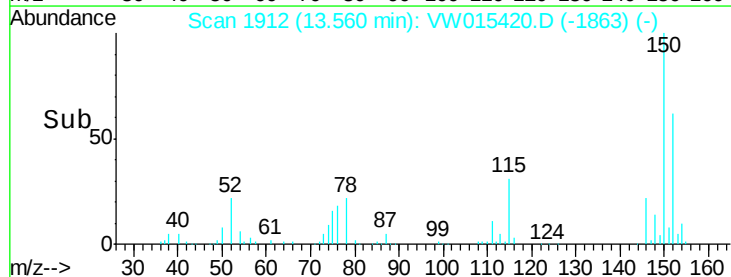
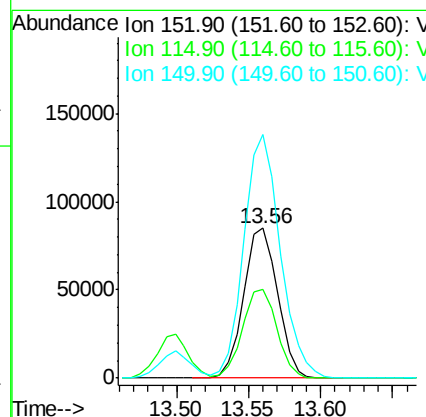
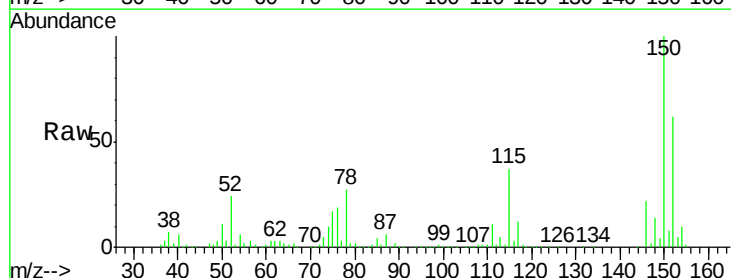
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

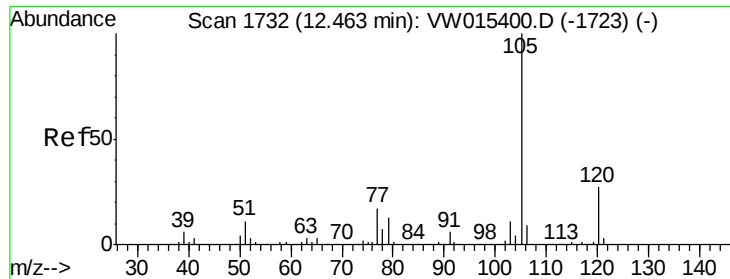
Tot Ion:173 Resp: 57033
Ion Ratio Lower Upper
173 100
175 46.6 23.8 71.4
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW015420.D
Acq: 07 May 2020 15:58

Tgt Ion:152 Resp: 138840
Ion Ratio Lower Upper
152 100
115 60.1 30.3 90.8
150 174.4 0.0 344.4





#73

Isopropylbenzene

Concen: 51.473 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW015420.D

Acq: 07 May 2020 15:58

Instrument :

MSVOA_W

ClientSampleId :

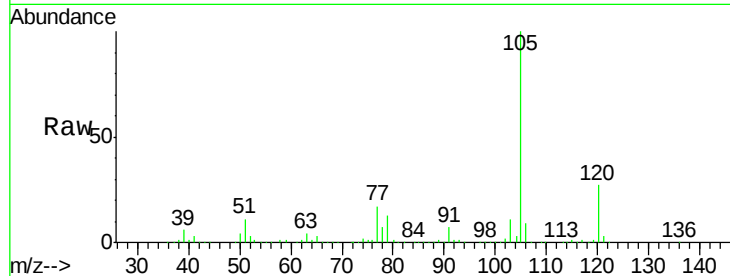
VSTDCCC050EC

Tot Ion:105 Resp: 533535

Ion Ratio Lower Upper

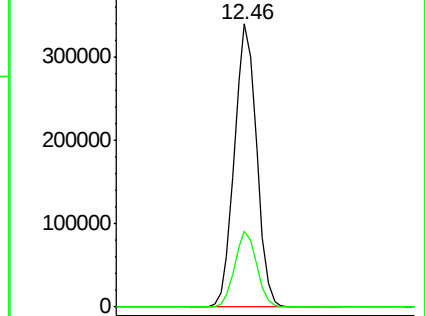
105 100

120 26.5 13.1 39.3

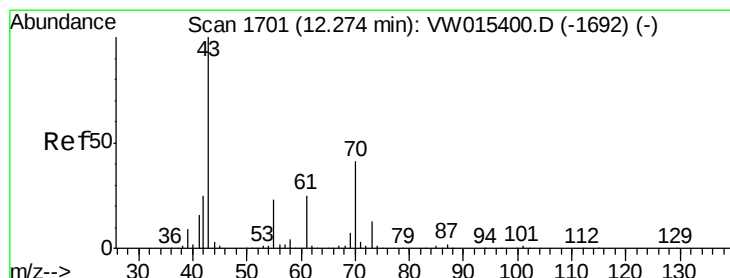
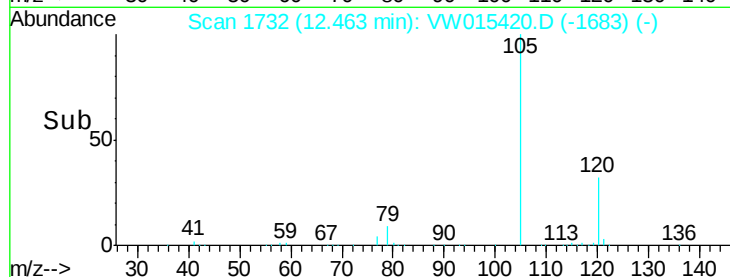


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 59.937 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW015420.D

Acq: 07 May 2020 15:58

Tgt Ion: 43 Resp: 146856

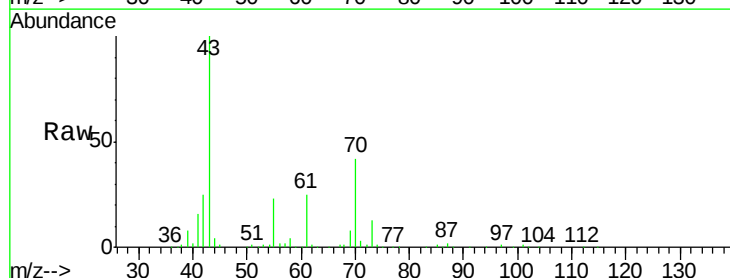
Ion Ratio Lower Upper

43 100

70 42.1 33.4 50.0

55 23.1 18.9 28.3

61 24.0 19.4 29.0

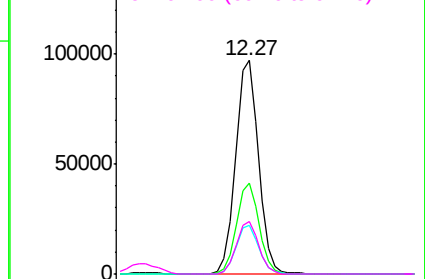


Abundance Ion 43.00 (42.70 to 43.70): VV

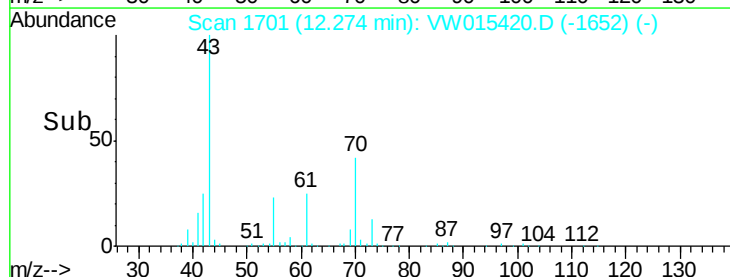
Ion 70.00 (69.70 to 70.70): VV

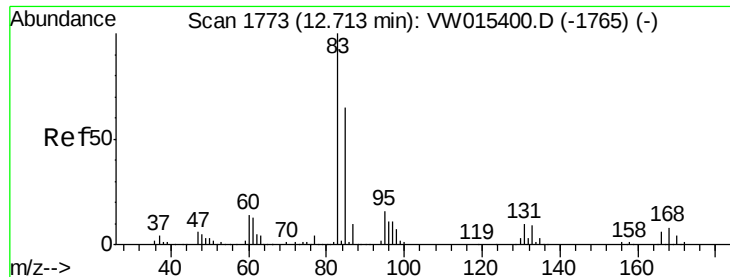
Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV



Time-->

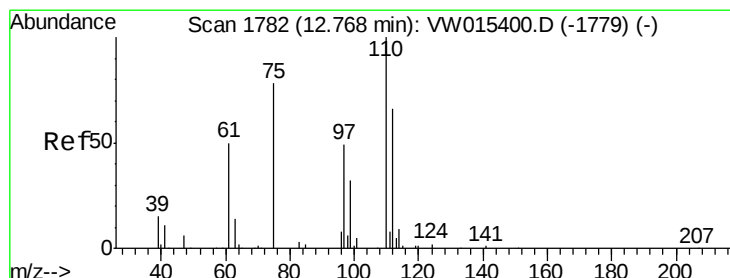
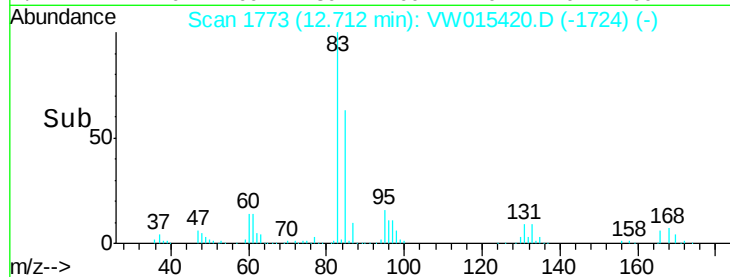
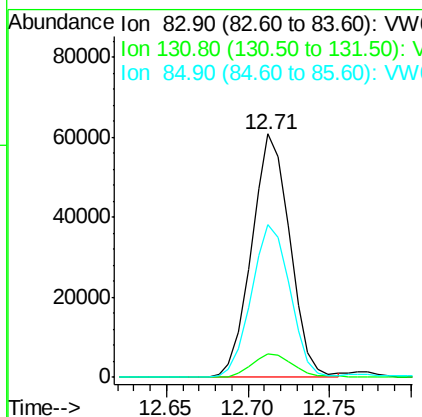
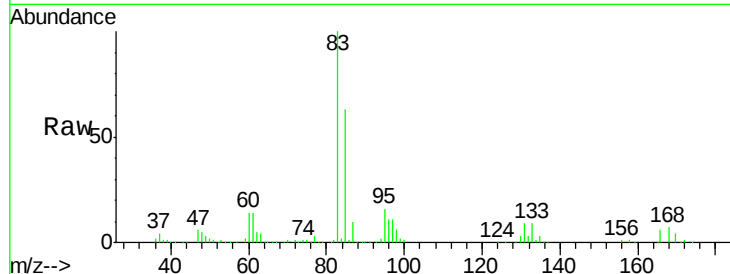




#75
 1,1,2,2-Tetrachloroethane
 Concen: 61.200 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: VW015420.D
 Acq: 07 May 2020 15:58

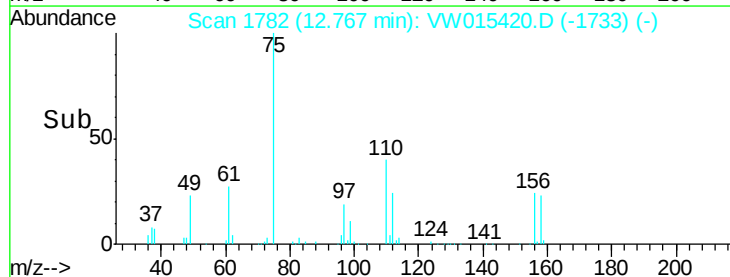
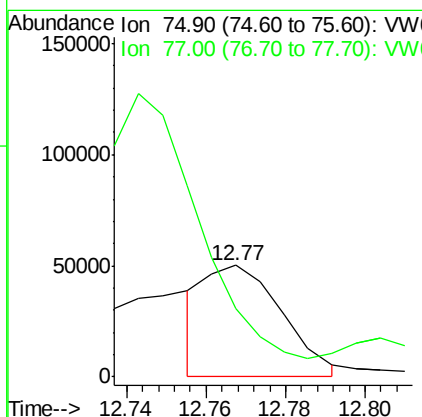
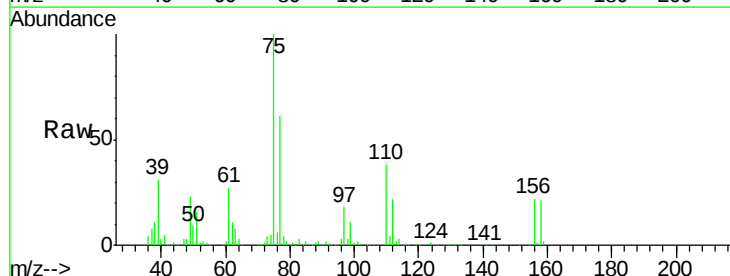
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

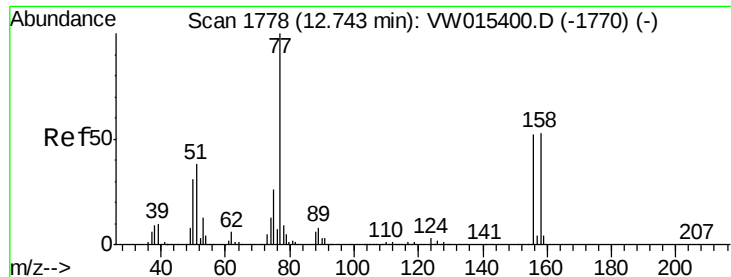
Tot Ion	83	Resp	99237
Ion Ratio	100	Lower	Upper
83	100		
131	10.5	5.1	15.2
85	63.5	32.2	96.6



#76
 1,2,3-Trichloropropane
 Concen: 59.373 ug/l m
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: VW015420.D
 Acq: 07 May 2020 15:58

Tgt Ion	75	Resp	67813
Ion Ratio	100	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.126 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW015420.D

Acq: 07 May 2020 15:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

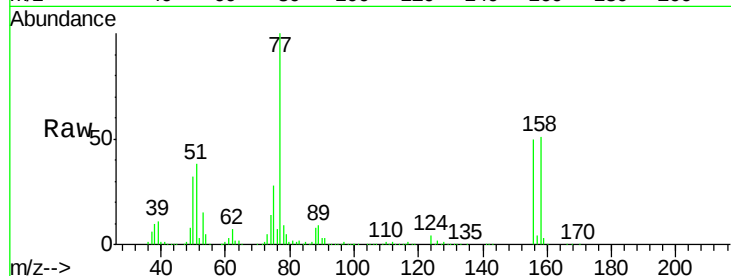
Tot Ion:156 Resp: 112305

Ion Ratio Lower Upper

156 100

77 212.1 101.8 305.6

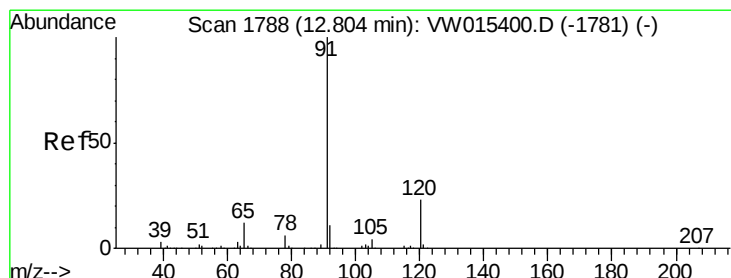
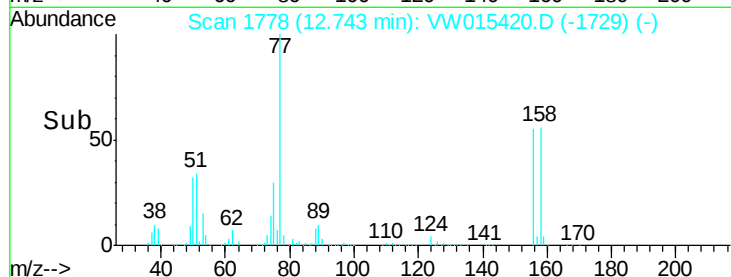
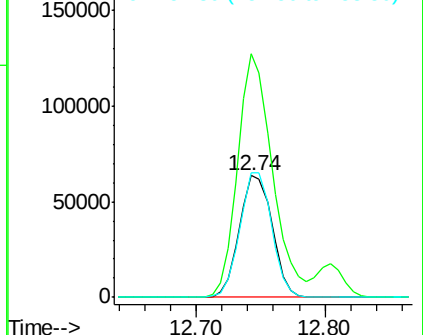
158 99.2 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.044 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW015420.D

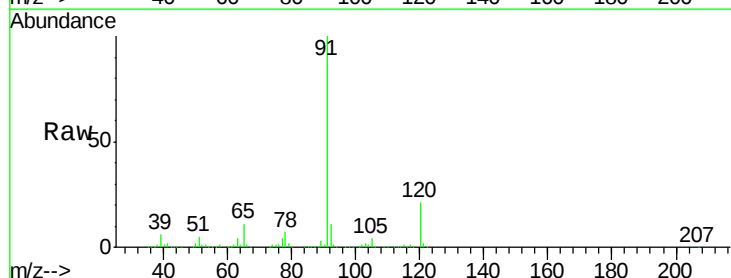
Acq: 07 May 2020 15:58

Tgt Ion: 91 Resp: 647216

Ion Ratio Lower Upper

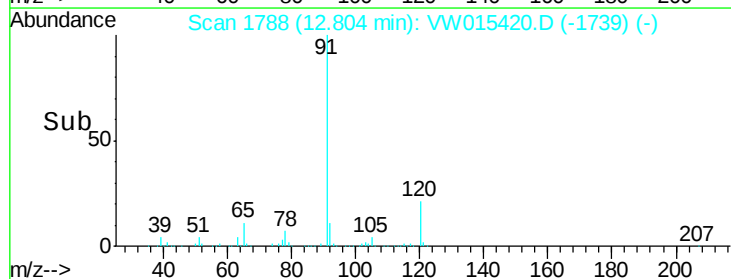
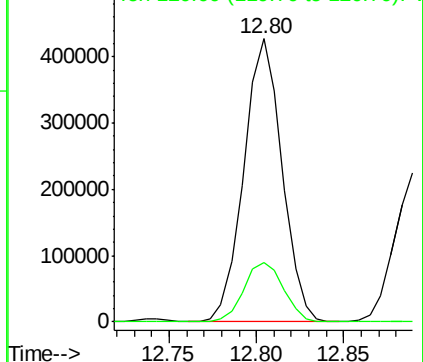
91 100

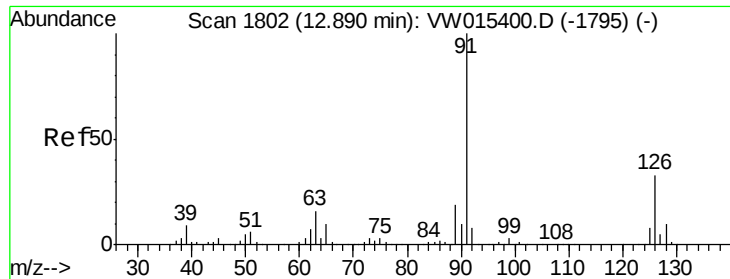
120 22.0 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.970 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW015420.D

Acq: 07 May 2020 15:58

Instrument :

MSVOA_W

ClientSampleId :

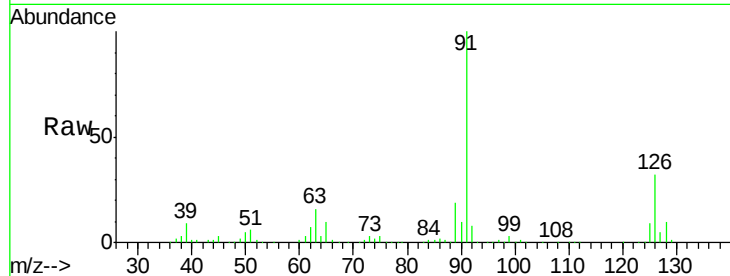
VSTDCCC050EC

Tot Ion: 91 Resp: 364315

Ion Ratio Lower Upper

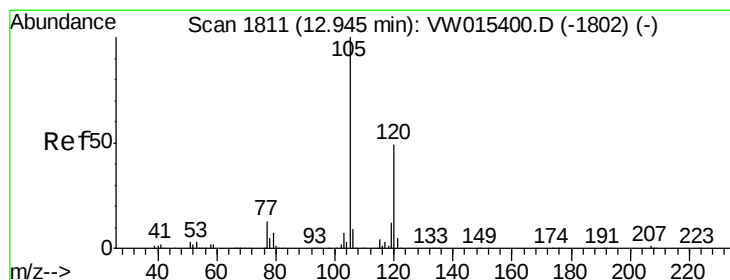
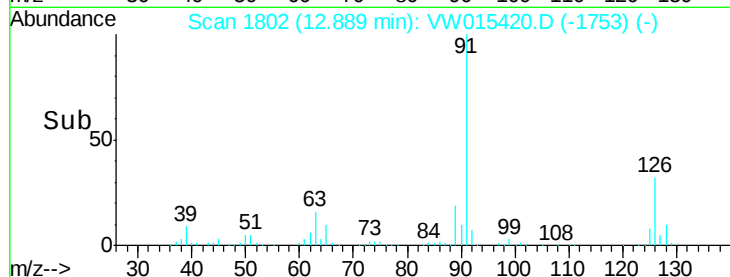
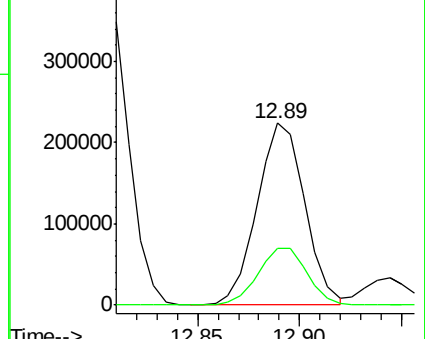
91 100

126 32.5 16.1 48.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.035 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW015420.D

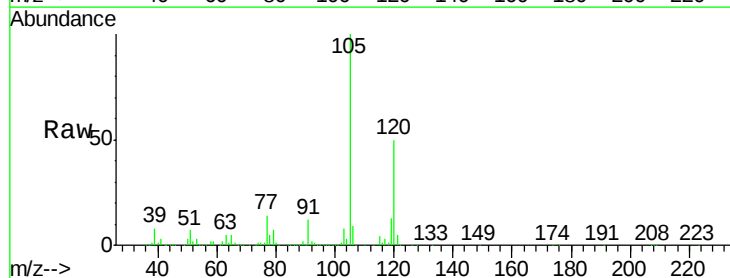
Acq: 07 May 2020 15:58

Tgt Ion:105 Resp: 454316

Ion Ratio Lower Upper

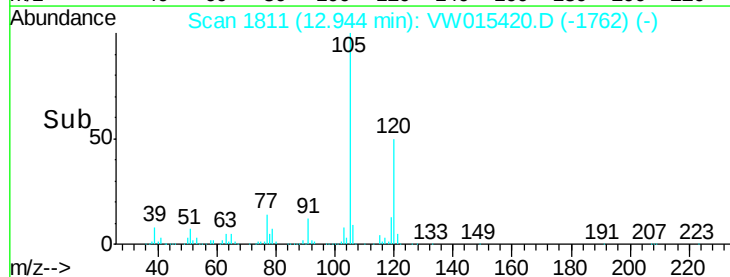
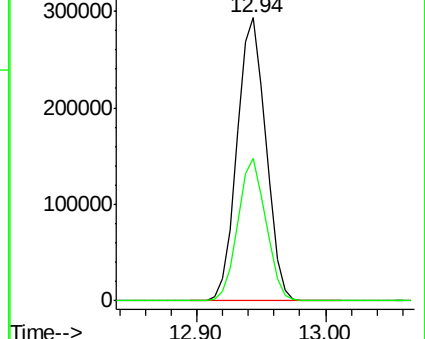
105 100

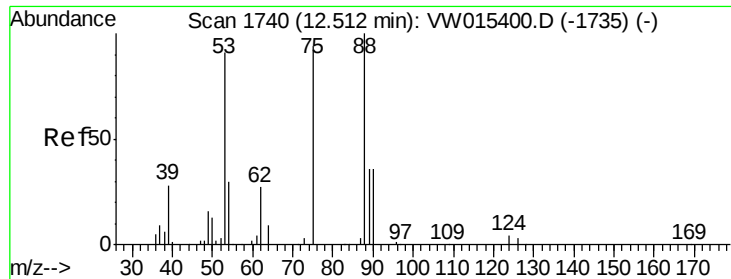
120 49.0 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 62.579 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW015420.D

Acq: 07 May 2020 15:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

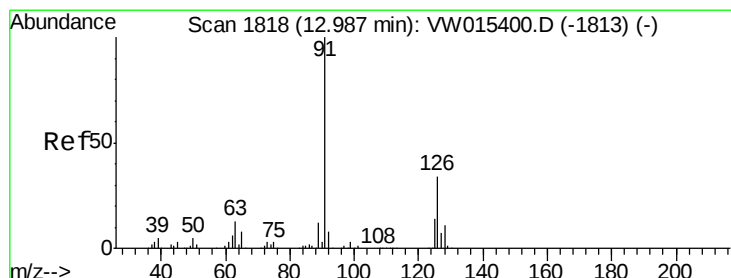
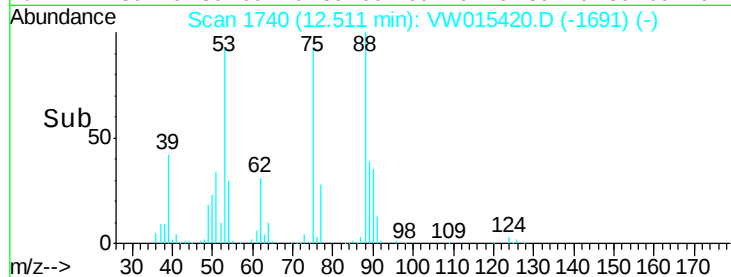
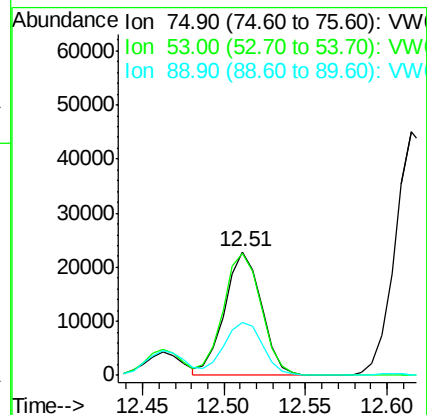
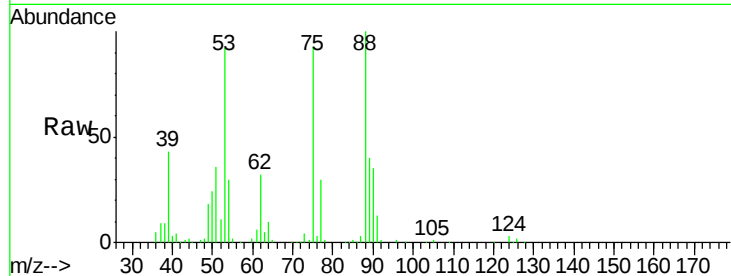
Tot Ion: 75 Resp: 36135

Ion Ratio Lower Upper

75 100

53 102.4 82.5 123.7

89 44.9 35.8 53.8



#82

4-Chlorotoluene

Concen: 52.468 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW015420.D

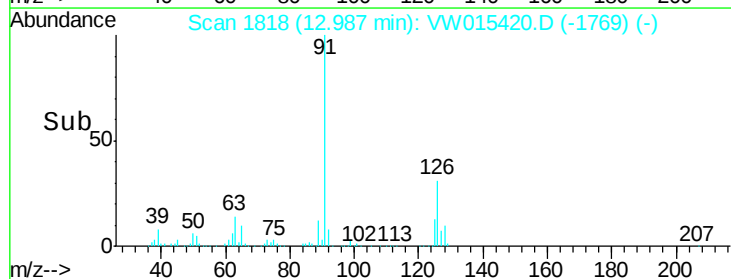
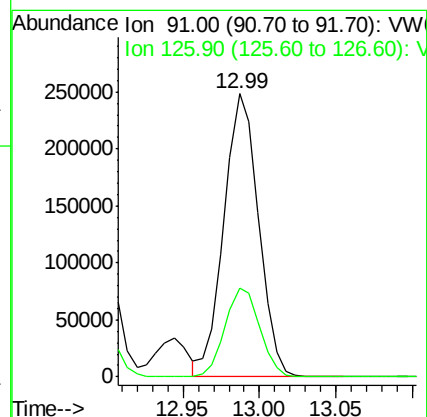
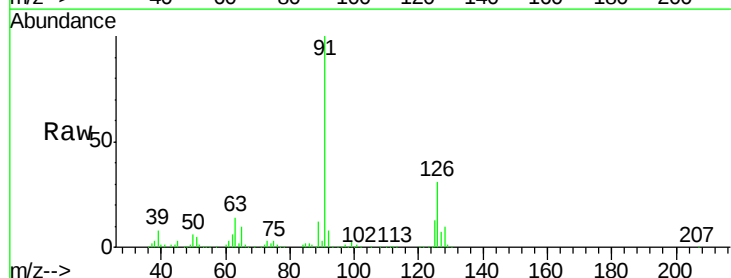
Acq: 07 May 2020 15:58

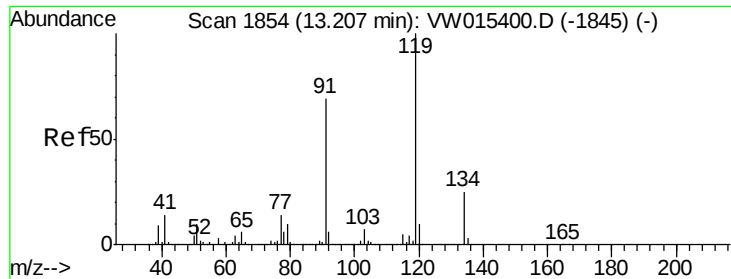
Tgt Ion: 91 Resp: 389790

Ion Ratio Lower Upper

91 100

126 31.7 16.0 47.9

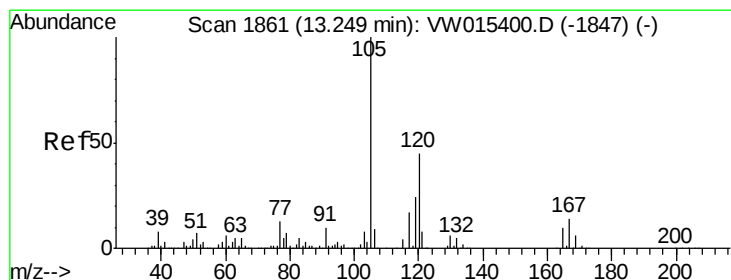
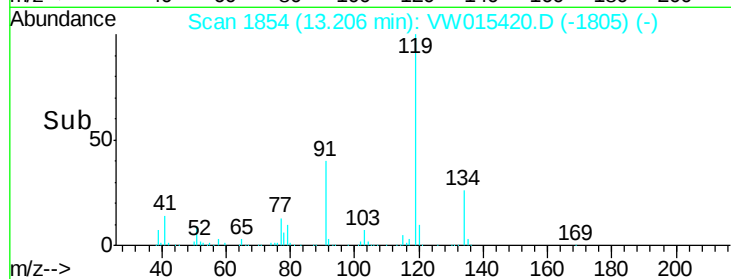
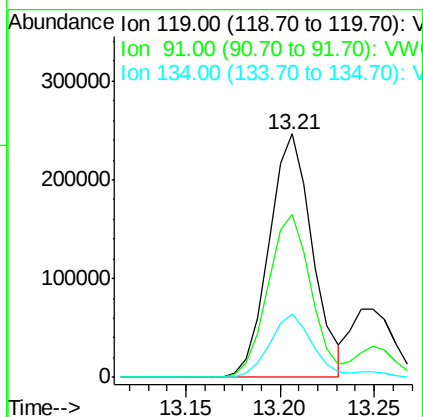
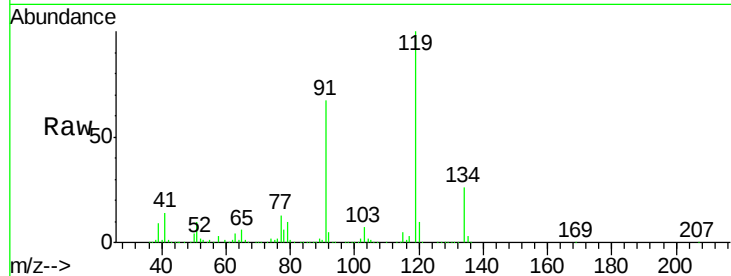




#83
tert-Butylbenzene
Concen: 52.831 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW015420.D
Acq: 07 May 2020 15:58

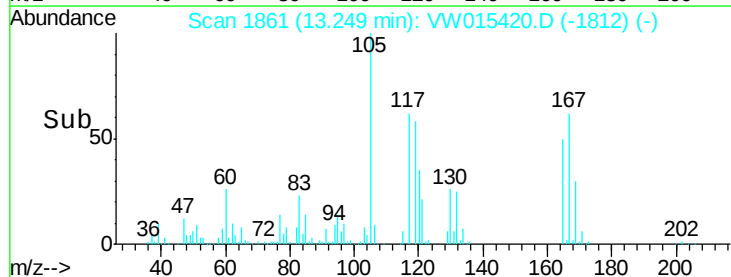
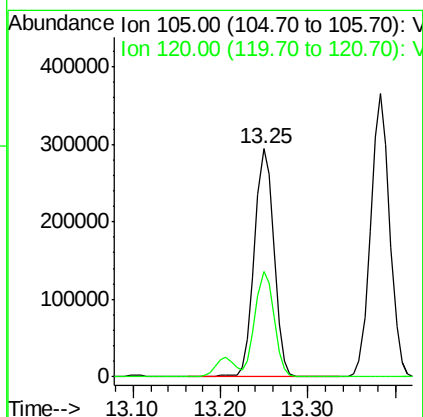
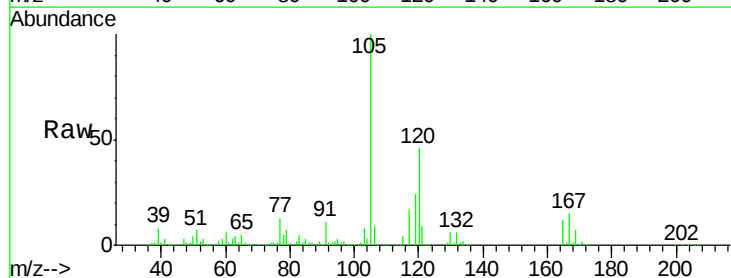
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

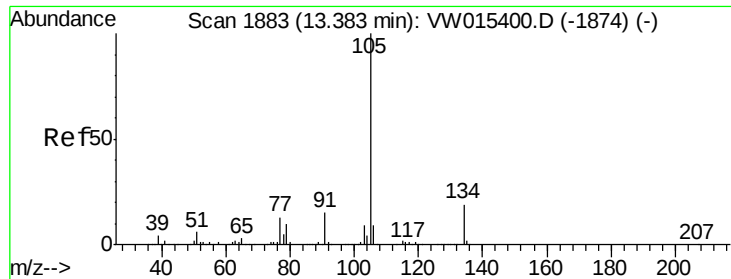
Tot Ion:119 Resp: 393590
Ion Ratio Lower Upper
119 100
91 66.6 33.8 101.4
134 25.2 12.3 36.9



#84
1,2,4-Trimethylbenzene
Concen: 52.261 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW015420.D
Acq: 07 May 2020 15:58

Tgt Ion:105 Resp: 456468
Ion Ratio Lower Upper
105 100
120 45.0 22.0 66.0

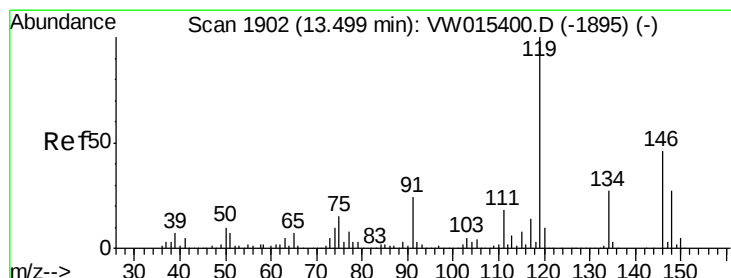
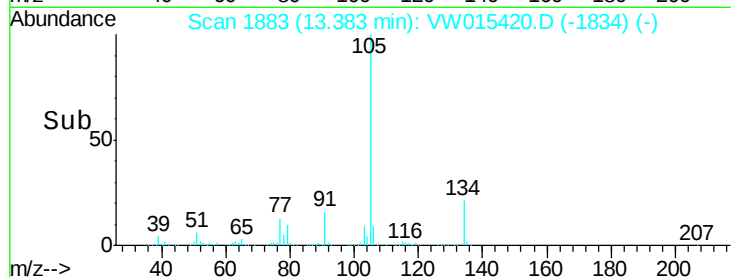
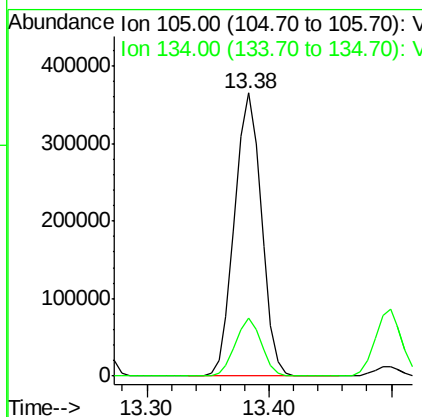
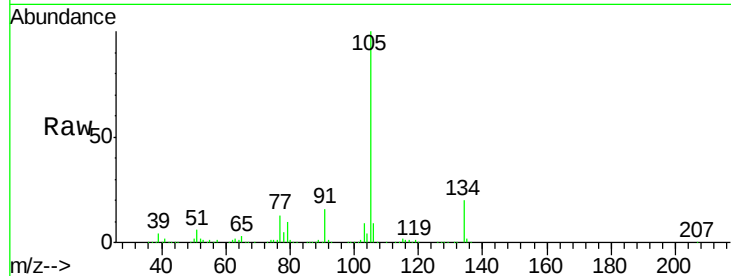




#85
 sec-Butylbenzene
 Concen: 52.935 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW015420.D
 Acq: 07 May 2020 15:58

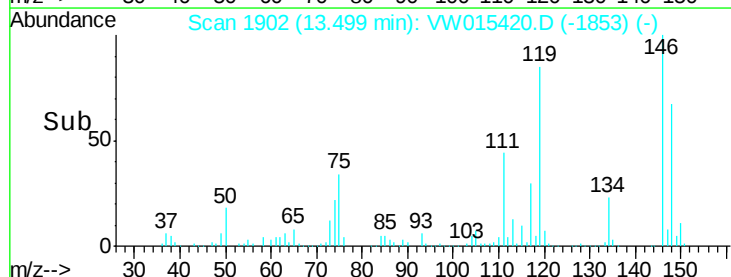
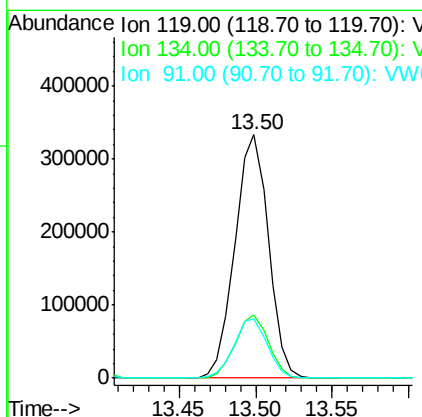
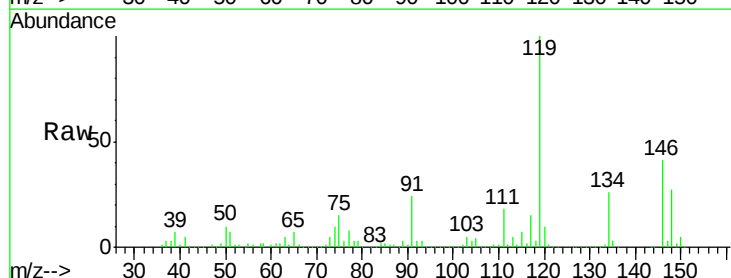
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

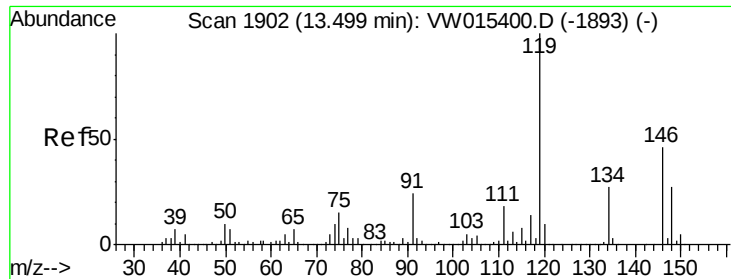
Tot Ion:105 Resp: 555646
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 52.843 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW015420.D
 Acq: 07 May 2020 15:58

Tgt Ion:119 Resp: 505899
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.4
 91 24.3 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 51.796 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW015420.D

Acq: 07 May 2020 15:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

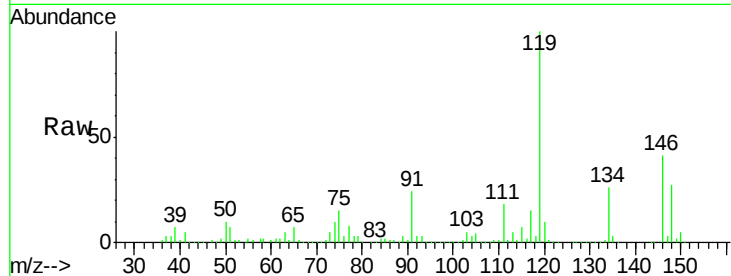
Tot Ion:146 Resp: 226635

Ion Ratio Lower Upper

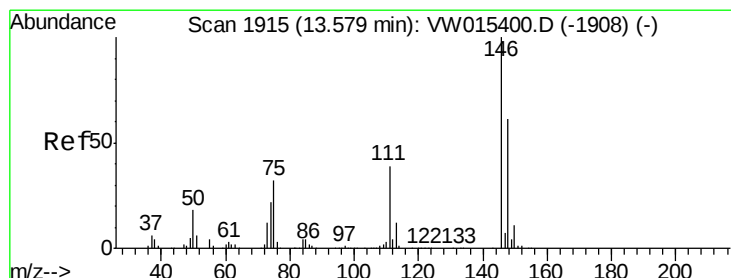
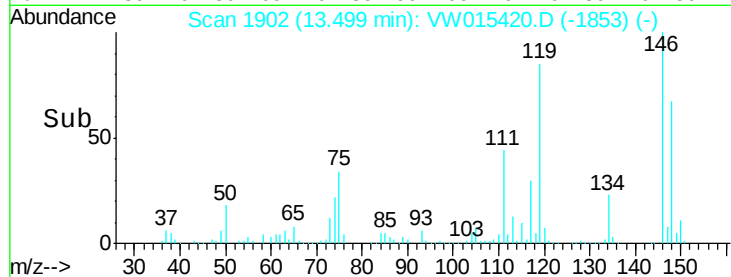
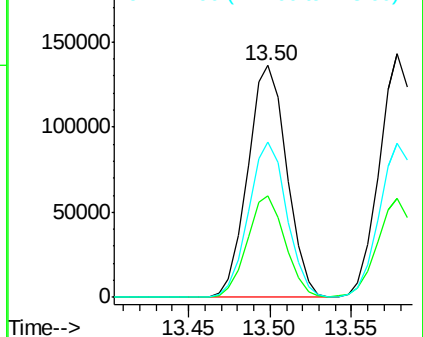
146 100

111 42.7 20.5 61.5

148 65.5 31.4 94.0



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



#88

1,4-Dichlorobenzene

Concen: 52.179 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW015420.D

Acq: 07 May 2020 15:58

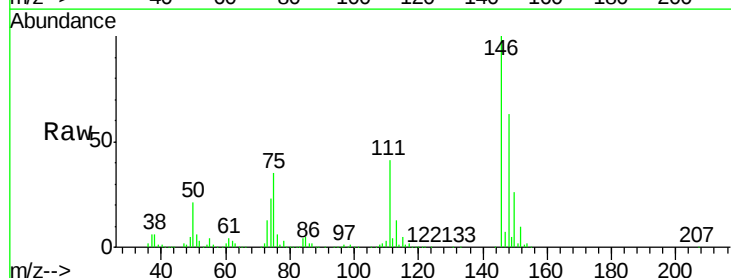
Tgt Ion:146 Resp: 226113

Ion Ratio Lower Upper

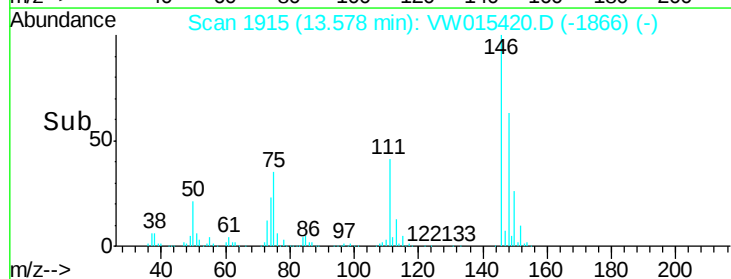
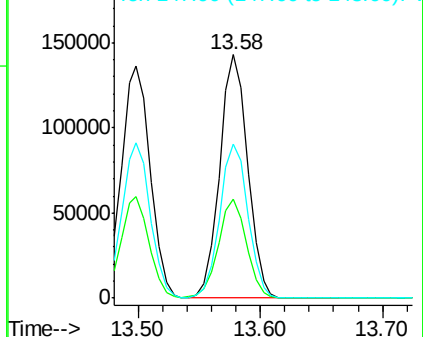
146 100

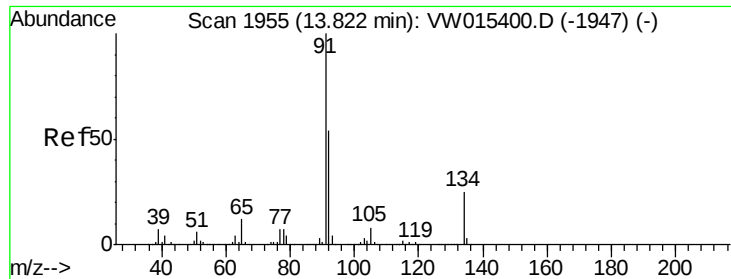
111 40.9 20.0 60.0

148 64.1 31.4 94.3



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





#89

n-Butylbenzene

Concen: 52.820 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW015420.D

Acq: 07 May 2020 15:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

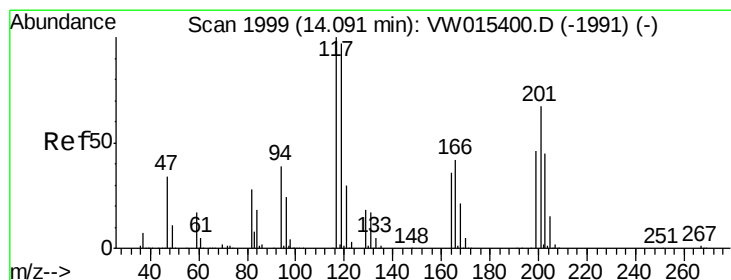
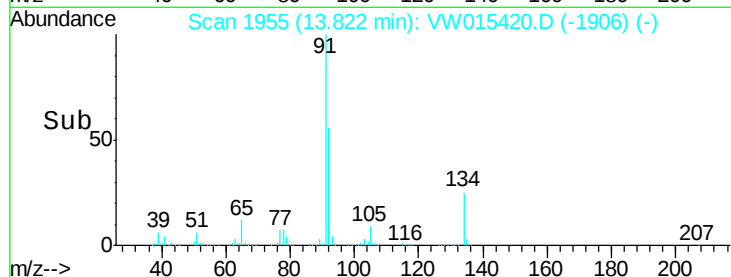
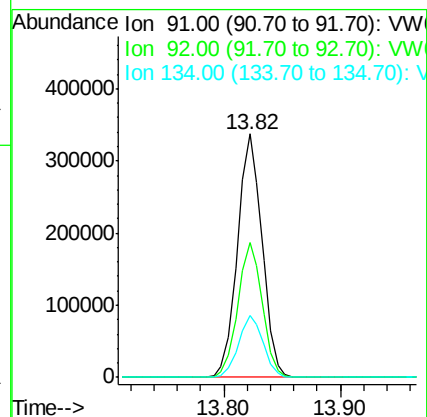
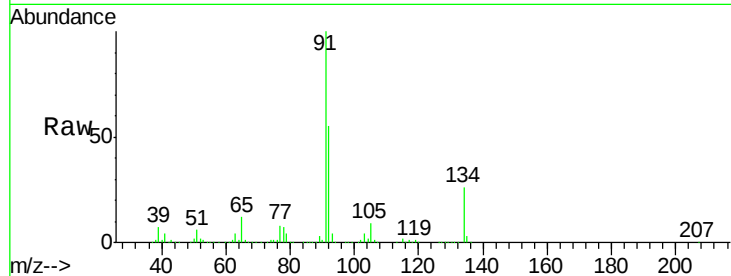
Tot Ion: 91 Resp: 495041

Ion Ratio Lower Upper

91 100

92 55.1 27.2 81.6

134 25.4 12.6 37.6



#90

Hexachloroethane

Concen: 51.686 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW015420.D

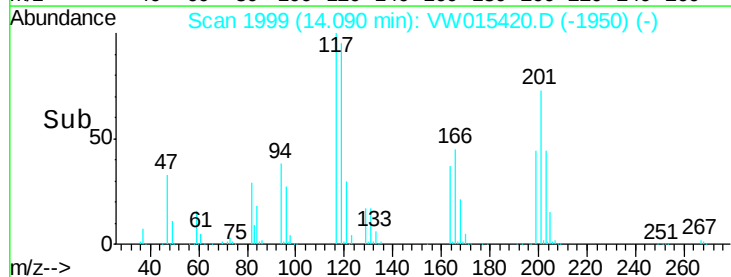
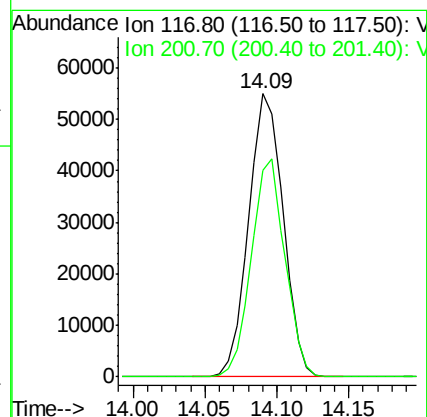
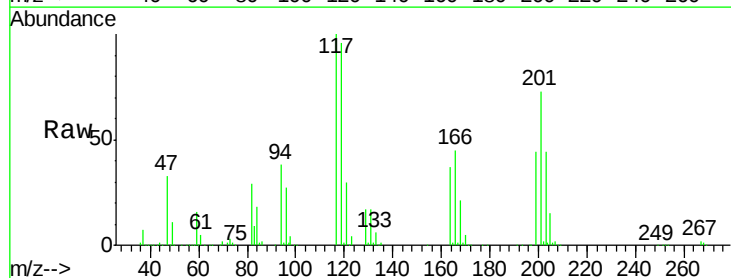
Acq: 07 May 2020 15:58

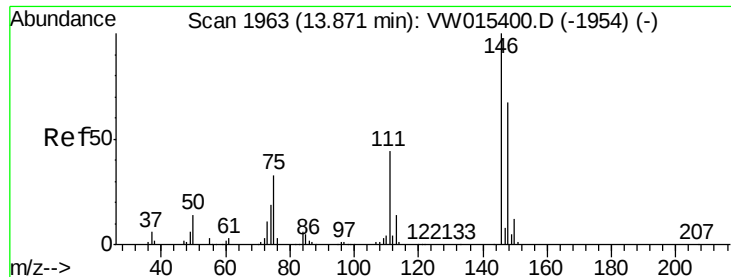
Tgt Ion: 117 Resp: 91184

Ion Ratio Lower Upper

117 100

201 74.6 35.9 107.8

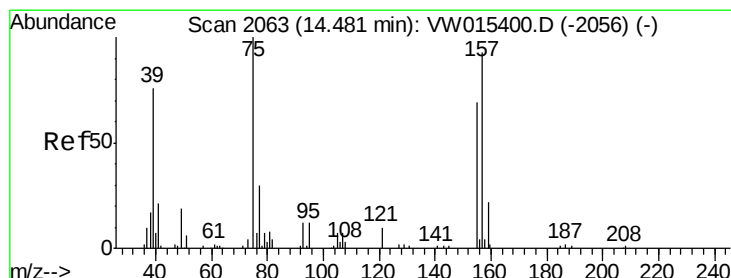
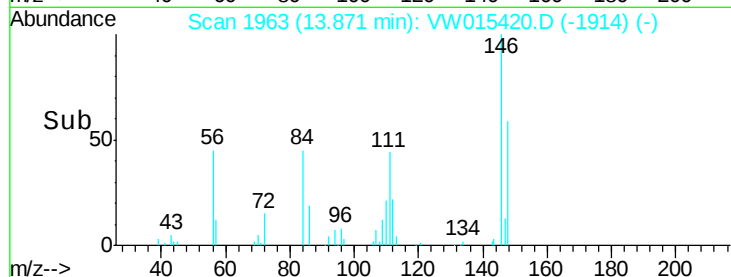
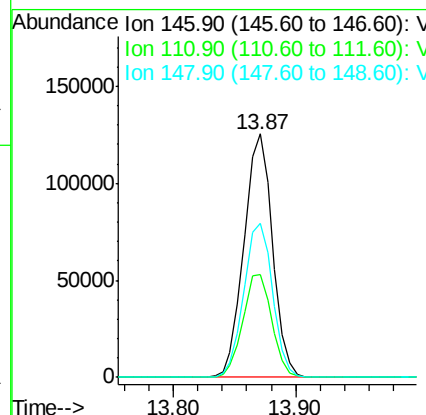
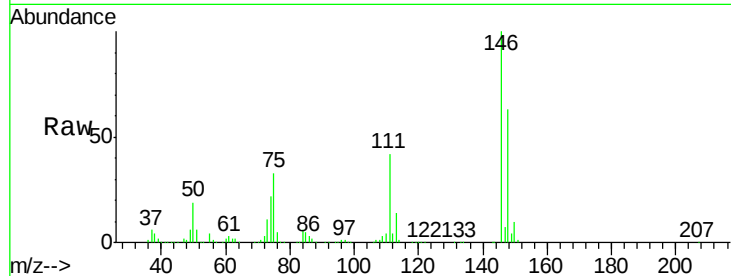




#91
 1,2-Dichlorobenzene
 Concen: 53.550 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW015420.D
 Acq: 07 May 2020 15:58

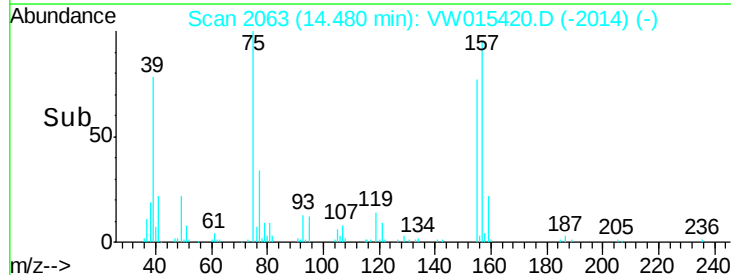
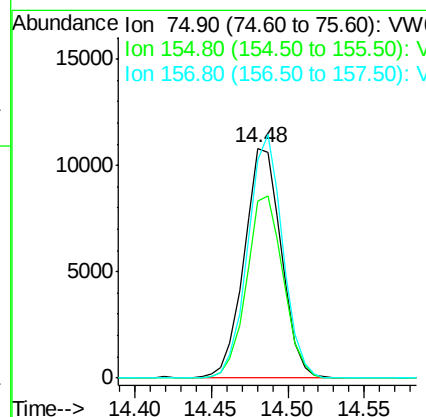
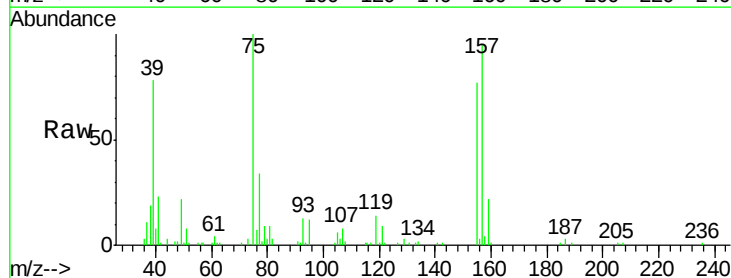
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

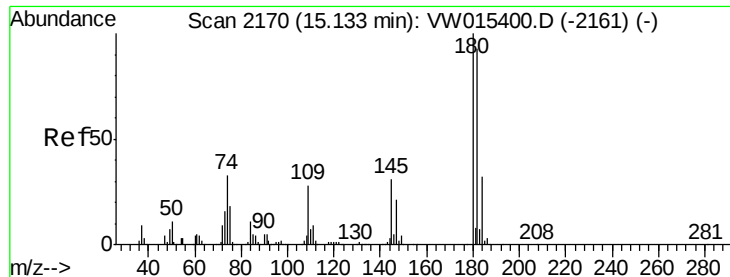
Tot Ion:146 Resp: 202880
 Ion Ratio Lower Upper
 146 100
 111 43.1 22.1 66.3
 148 64.1 32.5 97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 64.395 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW015420.D
 Acq: 07 May 2020 15:58

Tgt Ion: 75 Resp: 18229
 Ion Ratio Lower Upper
 75 100
 155 77.9 38.7 116.1
 157 99.2 48.1 144.4

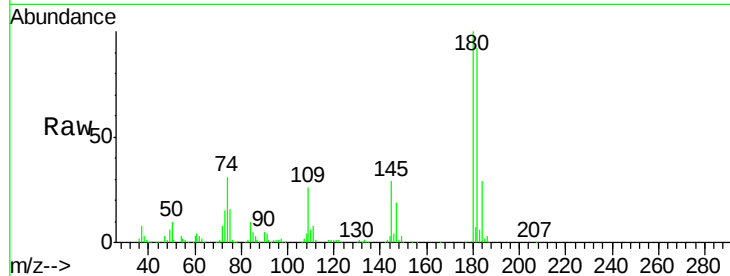




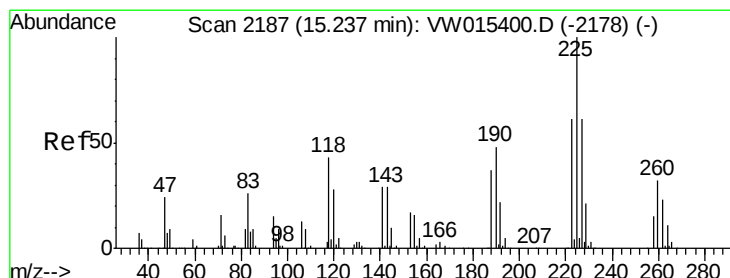
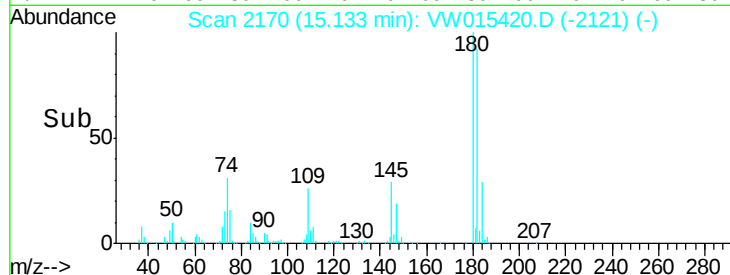
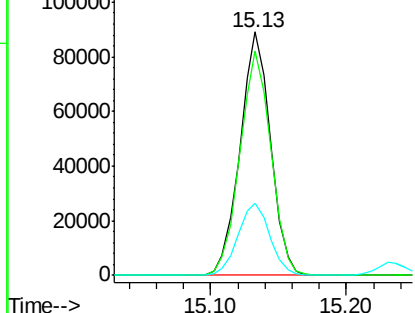
#93
 1,2,4-Trichlorobenzene
 Concen: 54.625 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW015420.D
 Acq: 07 May 2020 15:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.2	141.6
145	30.7	15.6	46.8

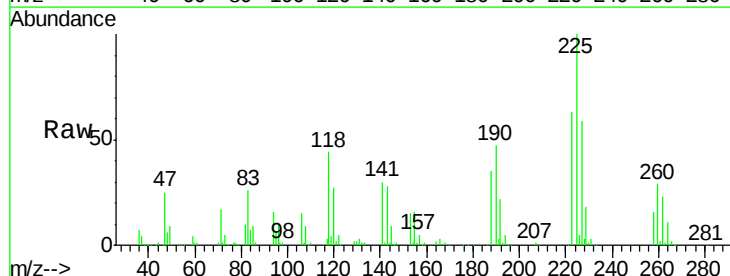


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

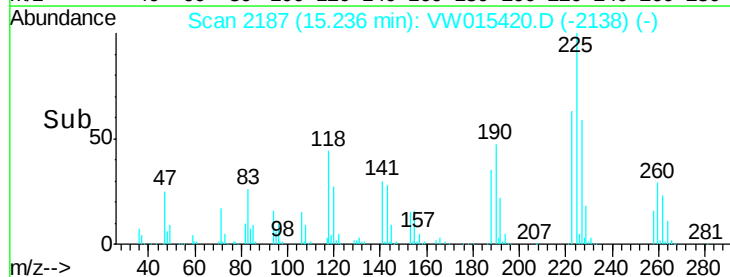
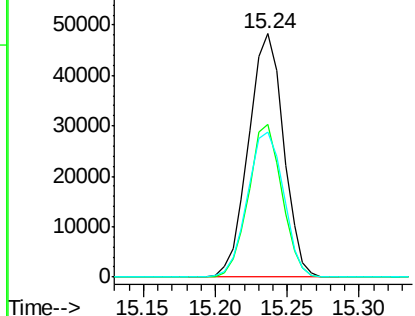


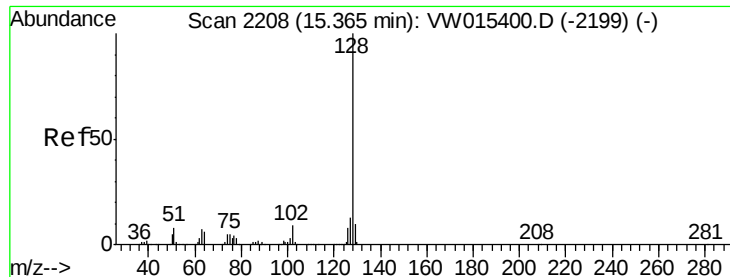
#94
 Hexachlorobutadiene
 Concen: 53.752 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW015420.D
 Acq: 07 May 2020 15:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.1	30.7	92.1
227	61.0	32.0	96.0



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

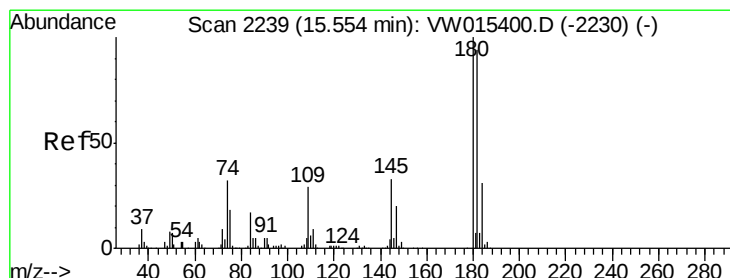
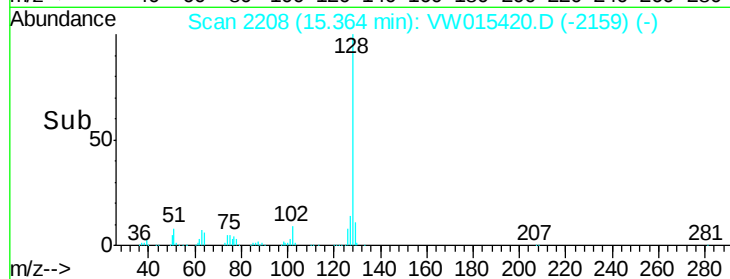
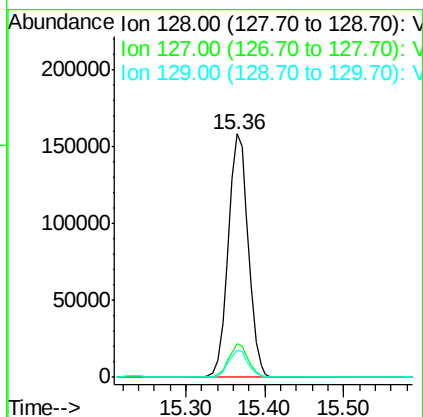
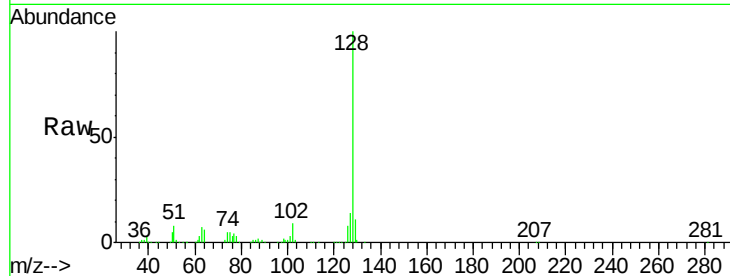




#95
Naphthalene
Concen: 61.117 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW015420.D
Acq: 07 May 2020 15:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 278755
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 55.469 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW015420.D
Acq: 07 May 2020 15:58

Tgt Ion:180 Resp: 121357
Ion Ratio Lower Upper
180 100
182 94.3 47.6 142.8
145 33.1 16.3 48.8

