

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070820\
 Data File : VW015820.D
 Acq On : 08 Jul 2020 19:51
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 09 04:44:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 08:28:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	195364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	318035	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	299132	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	153429	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	99146	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
35) Dibromofluoromethane	7.88	113	86846	46.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.62%	
50) Toluene-d8	10.33	98	341025	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
62) 4-Bromofluorobenzene	12.62	95	132051	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	51179	49.742	ug/l	100
3) Chloromethane	2.21	50	62851	44.980	ug/l	96
4) Vinyl Chloride	2.37	62	102406	47.466	ug/l	99
5) Bromomethane	2.78	94	77482	46.935	ug/l	99
6) Chloroethane	2.93	64	71877	49.366	ug/l	99
7) Trichlorofluoromethane	3.26	101	77825	50.193	ug/l	95
8) Diethyl Ether	3.68	74	50756	52.538	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	89408	49.260	ug/l	99
10) Methyl Iodide	4.27	142	130418	51.392	ug/l	100
11) Tert butyl alcohol	5.17	59	34080	326.591	ug/l	100
12) 1,1-Dichloroethene	4.04	96	88358	49.513	ug/l	98
13) Acrolein	3.89	56	31467	225.476	ug/l	98
14) Allyl chloride	4.67	41	149987	51.711	ug/l	99
15) Acrylonitrile	5.37	53	111782	295.935	ug/l	99
16) Acetone	4.12	43	102737	272.932	ug/l	99
17) Carbon Disulfide	4.38	76	256072	48.238	ug/l	99
18) Methyl Acetate	4.67	43	49311	57.564	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	151410	56.690	ug/l	97
20) Methylene Chloride	4.92	84	115012	60.432	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	106248	51.403	ug/l	99
22) Diisopropyl ether	6.32	45	313784	53.685	ug/l	99
23) Vinyl Acetate	6.26	43	976210	280.801	ug/l	100
24) 1,1-Dichloroethane	6.21	63	190991	51.611	ug/l	99
25) 2-Butanone	7.17	43	148728	291.081	ug/l	96
26) 2,2-Dichloropropane	7.16	77	110333	47.524	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	115836	52.192	ug/l	99
28) Bromochloromethane	7.51	49	72089	49.139	ug/l	# 14
29) Tetrahydrofuran	7.53	42	95436	307.799	ug/l	99
30) Chloroform	7.68	83	195807	51.761	ug/l	99
31) Cyclohexane	7.96	56	164817	47.323	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	158416	49.941	ug/l	99
36) 1,1-Dichloropropene	8.08	75	153397	48.929	ug/l	100
37) Ethyl Acetate	7.26	43	67576	55.473	ug/l	100
38) Carbon Tetrachloride	8.07	117	144644	47.680	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	184198	49.791	ug/l	99
40) Benzene	8.32	78	429179	49.975	ug/l	97
41) Methacrylonitrile	7.48	41	39253	56.758	ug/l	97
42) 1,2-Dichloroethane	8.40	62	138106	51.670	ug/l	99
43) Isopropyl Acetate	8.43	43	134506	56.568	ug/l	98
44) Trichloroethene	9.09	130	112789	49.654	ug/l	91
45) 1,2-Dichloropropane	9.37	63	107451	50.903	ug/l	99
46) Dibromomethane	9.46	93	57240	52.671	ug/l	98
47) Bromodichloromethane	9.65	83	145461	51.748	ug/l	99
48) Methyl methacrylate	9.44	41	63493	58.265	ug/l	97
49) 1,4-Dioxane	9.45	88	18167	1352.135	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	339469	292.569	ug/l	100
52) Toluene	10.39	92	286744	51.886	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	143642	53.259	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	167988	52.070	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	81307	53.955	ug/l	99
56) Ethyl methacrylate	10.65	69	109940	59.342	ug/l	98
57) 1,3-Dichloropropane	10.93	76	142775	53.522	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	251399	277.715	ug/l	99
59) 2-Hexanone	10.97	43	239844	309.742	ug/l	99
60) Dibromochloromethane	11.13	129	93863	53.932	ug/l	97
61) 1,2-Dibromoethane	11.24	107	77168	53.518	ug/l	99
64) Tetrachloroethene	10.87	164	93222	49.245	ug/l	93
65) Chlorobenzene	11.66	112	301083	51.468	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	108295	52.313	ug/l	99
67) Ethyl Benzene	11.73	91	559473	51.644	ug/l	96
68) m/p-Xylenes	11.84	106	425528	104.566	ug/l	99
69) o-Xylene	12.17	106	198956	53.560	ug/l	98
70) Styrene	12.18	104	343208	53.697	ug/l	100
71) Bromoform	12.35	173	53174	56.275	ug/l #	98
73) Isopropylbenzene	12.46	105	558199	51.642	ug/l	99
74) N-amyl acetate	12.27	43	132227	57.179	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	97487	54.280	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	126455	93.779	ug/l	26
77) Bromobenzene	12.75	156	122522	50.552	ug/l	99
78) n-propylbenzene	12.80	91	674875	51.439	ug/l	99
79) 2-Chlorotoluene	12.90	91	381580	51.001	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	471782	51.211	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	28911	48.721	ug/l	98
82) 4-Chlorotoluene	12.99	91	399115	51.083	ug/l	100
83) tert-Butylbenzene	13.21	119	397755	52.007	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	478894	52.053	ug/l	100
85) sec-Butylbenzene	13.38	105	572881	51.866	ug/l	99
86) p-Isopropyltoluene	13.50	119	521075	51.662	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	243047	50.027	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	246913	51.915	ug/l	98
89) n-Butylbenzene	13.82	91	502777	52.089	ug/l	99
90) Hexachloroethane	14.10	117	93710	51.259	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	219459	52.139	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16643	57.997	ug/l	98

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Response via : Initial Calibration

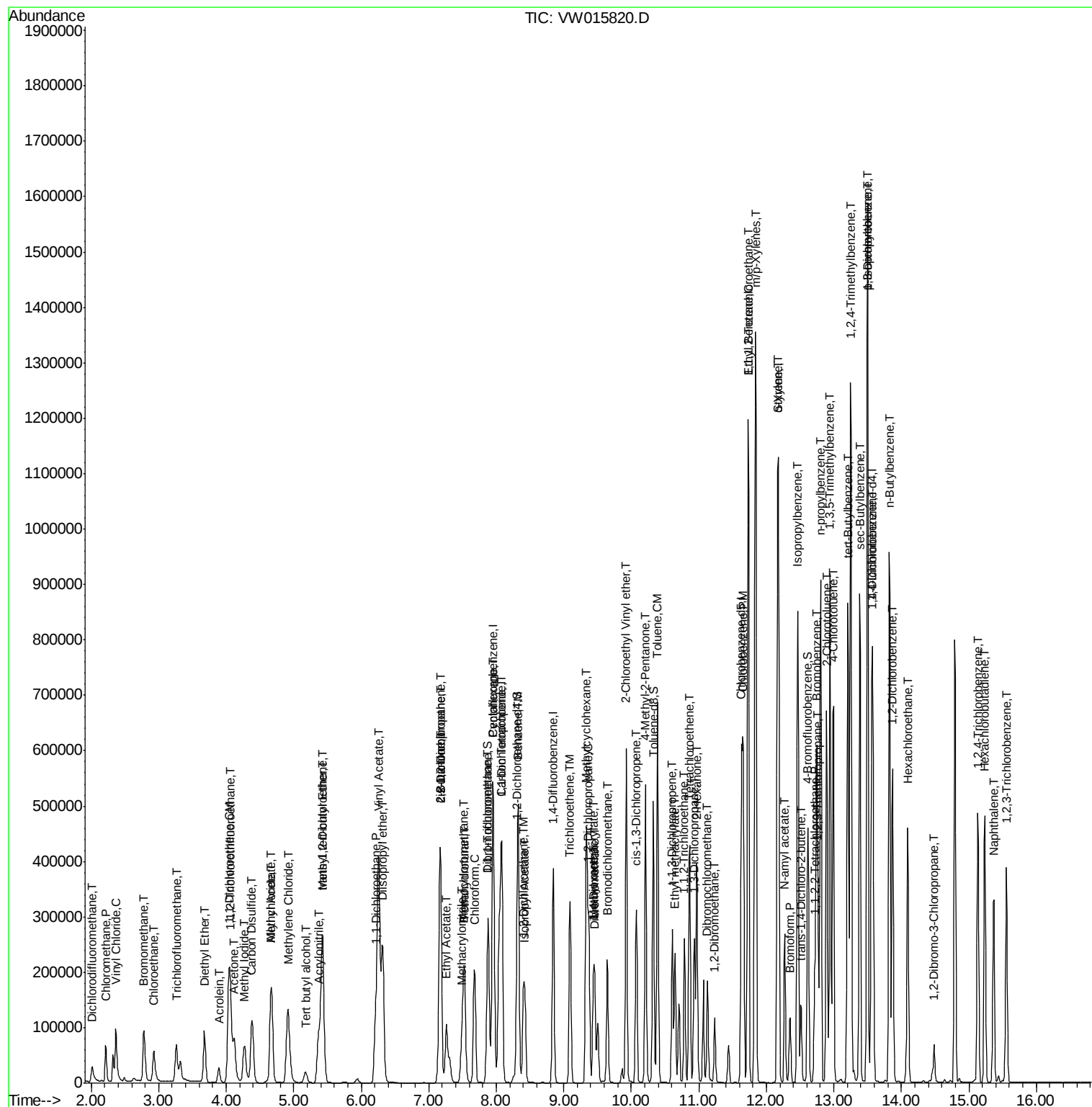
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	149240	56.240	ug/l	99
94) Hexachlorobutadiene	15.24	225	92238	54.746	ug/l	96
95) Naphthalene	15.37	128	283718	56.833	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	133575	59.156	ug/l	98

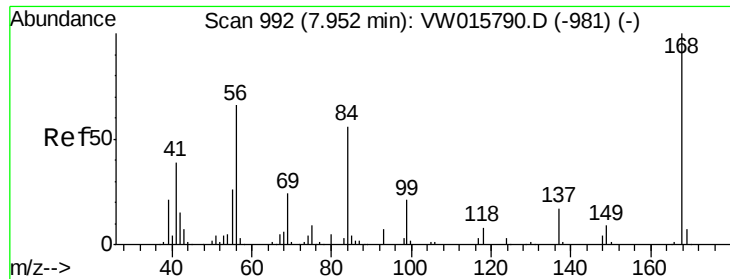
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW015820.D

Acq: 08 Jul 2020 19:51

Instrument :

MSVOA_W

ClientSampleId :

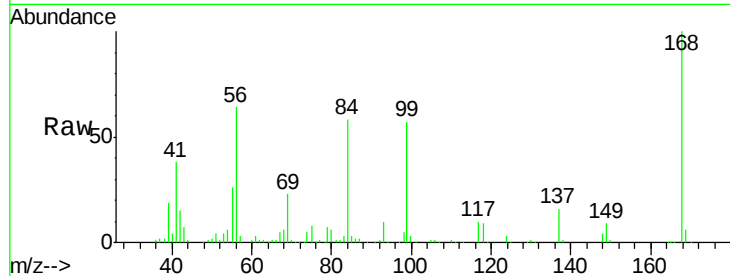
VSTDCCC050EC

Tot Ion:168 Resp: 195364

Ion Ratio Lower Upper

168 100

99 57.4 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

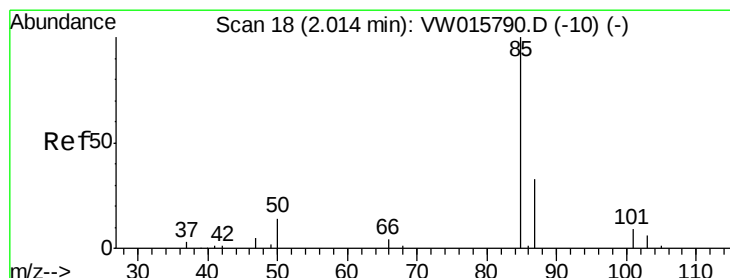
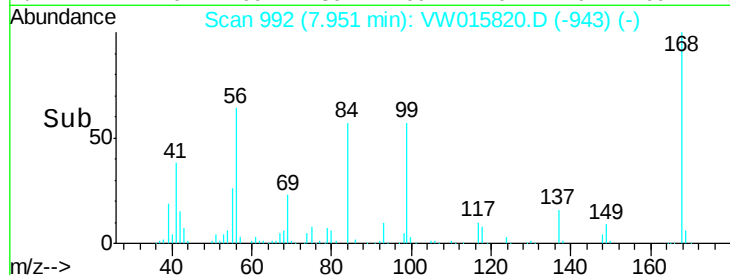
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.742 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW015820.D

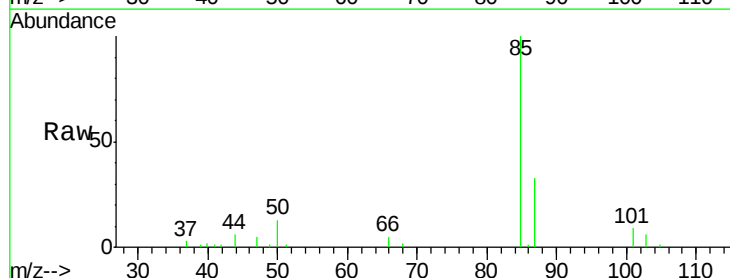
Acq: 08 Jul 2020 19:51

Tgt Ion: 85 Resp: 51179

Ion Ratio Lower Upper

85 100

87 32.9 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

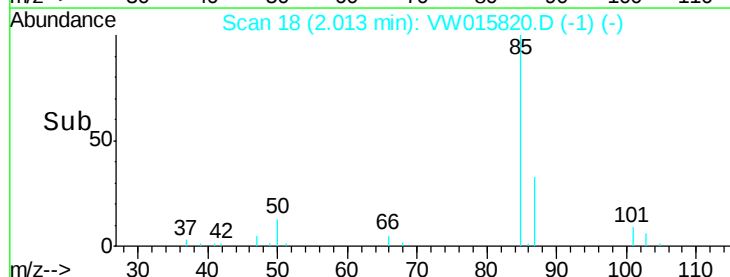
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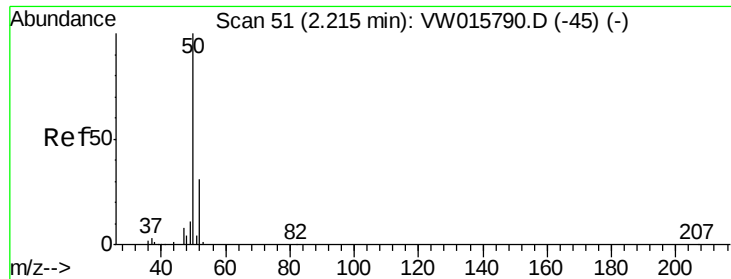
10000

5000

0

Time-->





#3

Chloromethane

Concen: 44.980 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW015820.D

Acq: 08 Jul 2020 19:51

Instrument :

MSVOA_W

ClientSampleId :

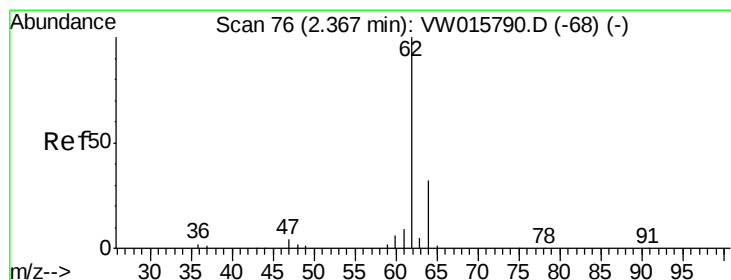
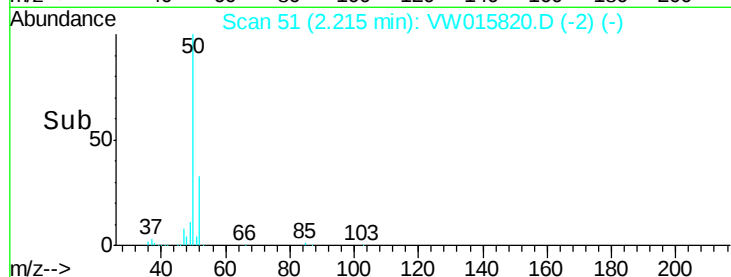
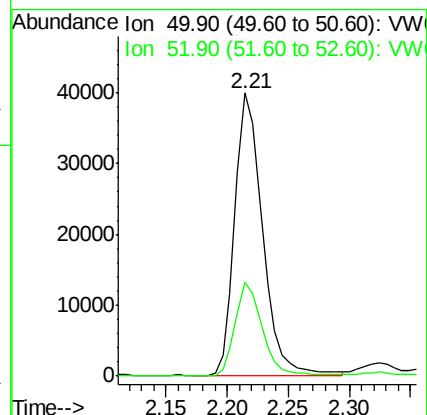
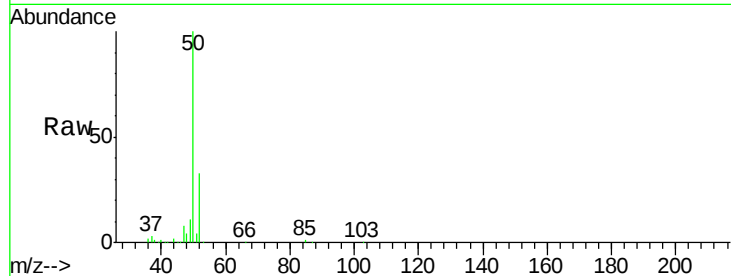
VSTDCCC050EC

Tot Ion: 50 Resp: 62851

Ion Ratio Lower Upper

50 100

52 33.4 25.2 37.8



#4

Vinyl Chloride

Concen: 47.466 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW015820.D

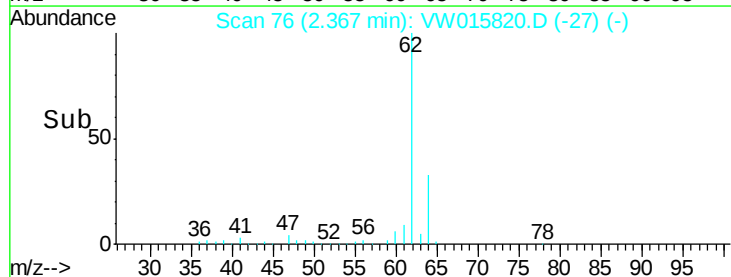
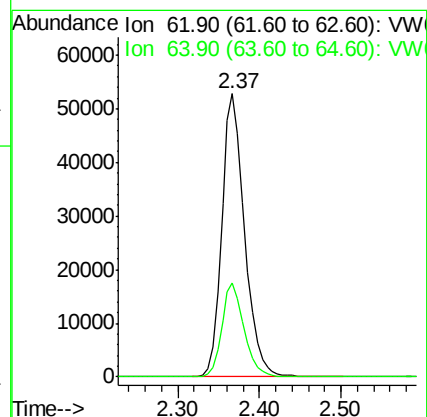
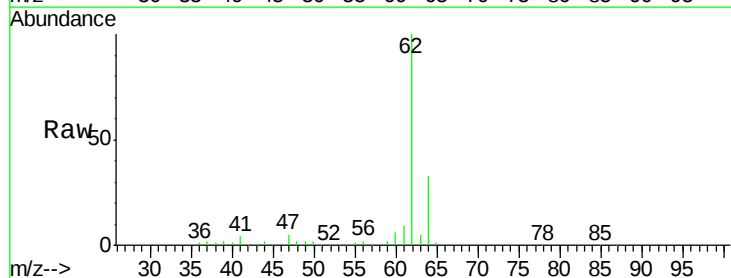
Acq: 08 Jul 2020 19:51

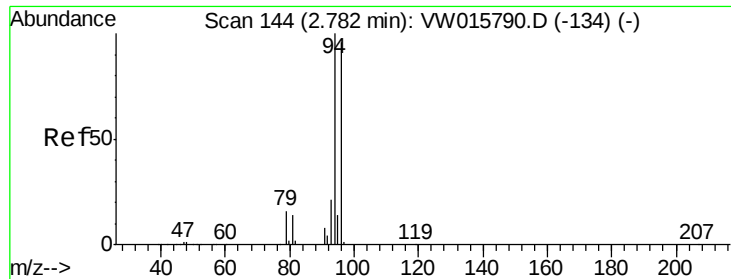
Tgt Ion: 62 Resp: 102406

Ion Ratio Lower Upper

62 100

64 33.0 25.8 38.8





#5

Bromomethane

Concen: 46.935 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW015820.D

Acq: 08 Jul 2020 19:51

Instrument :

MSVOA_W

ClientSampleId :

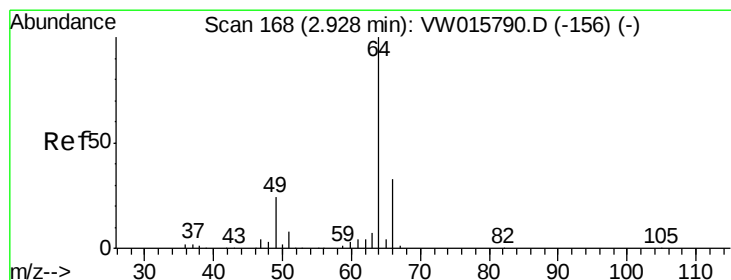
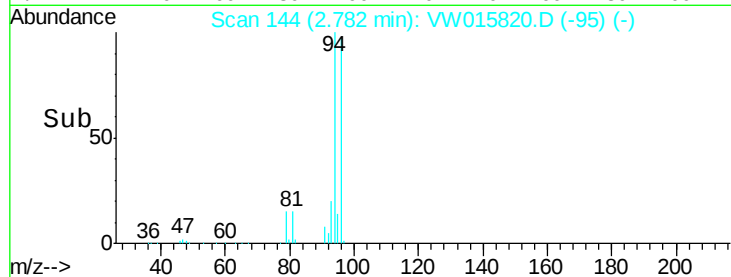
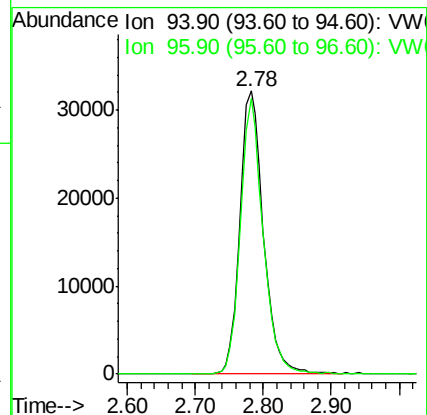
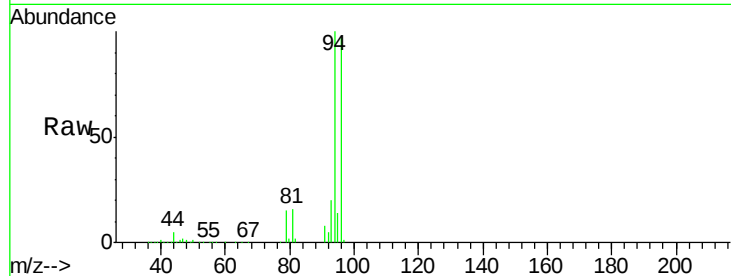
VSTDCCC050EC

Tot Ion: 94 Resp: 77482

Ion Ratio Lower Upper

94 100

96 97.3 76.7 115.1



#6

Chloroethane

Concen: 49.366 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW015820.D

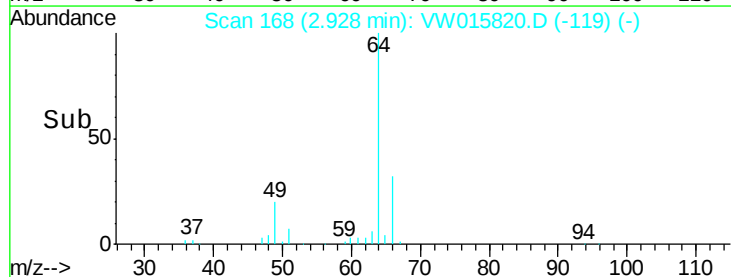
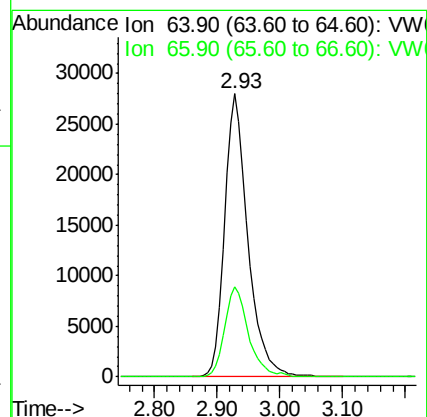
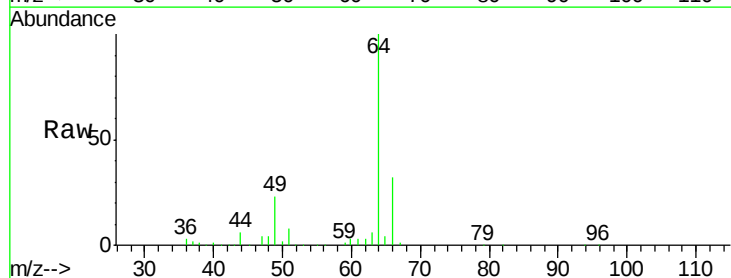
Acq: 08 Jul 2020 19:51

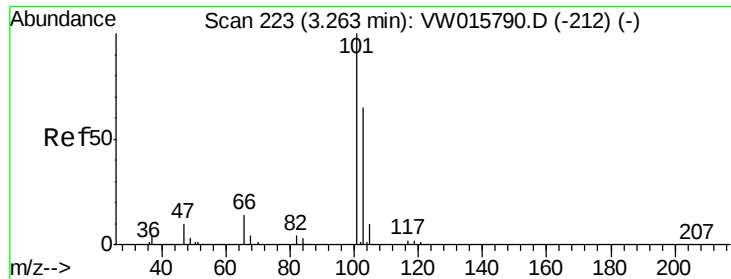
Tgt Ion: 64 Resp: 71877

Ion Ratio Lower Upper

64 100

66 32.0 26.0 39.0



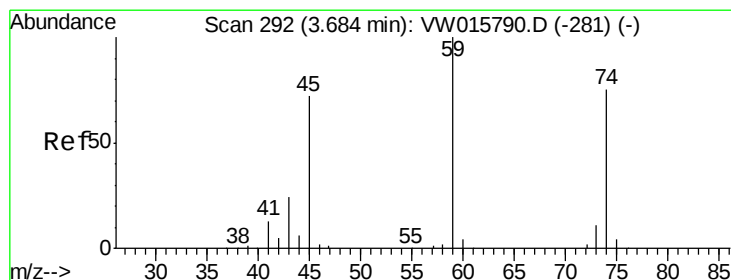
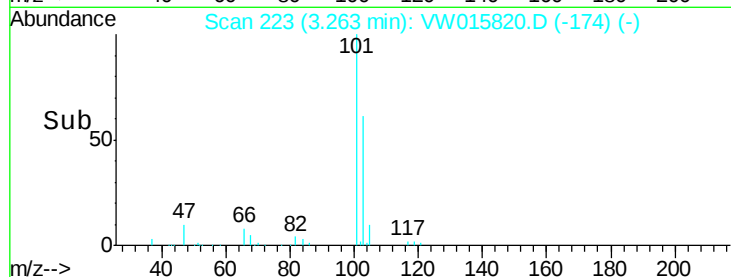
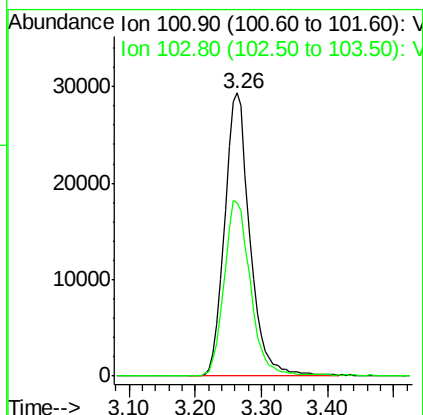
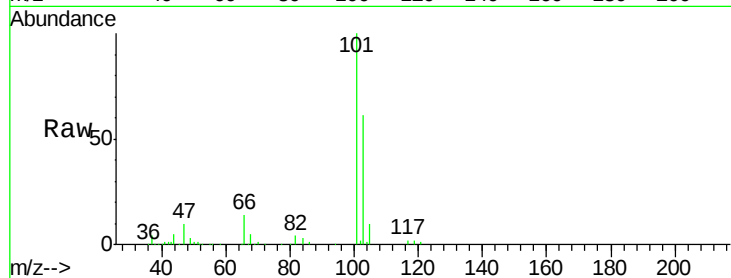


#7

Trichlorofluoromethane
Concen: 50.193 ug/l
RT: 3.26 min Scan# 223
Delta R.T. -0.00 min
Lab File: VW015820.D
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Instrument :
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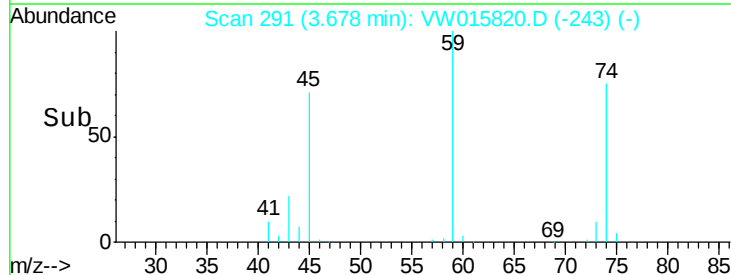
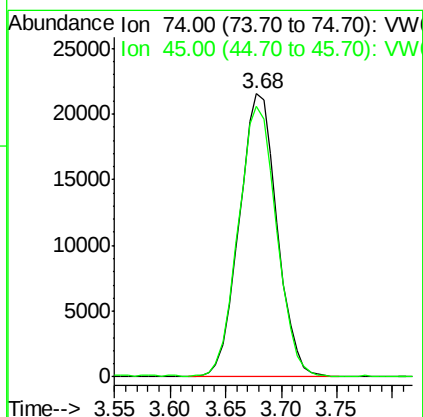
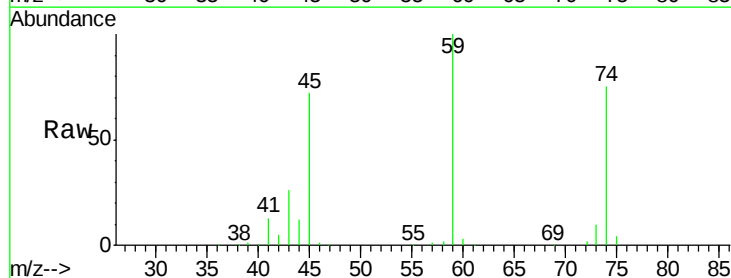
Tot Ion:101 Resp: 77825
Ion Ratio Lower Upper
101 100
103 61.3 52.2 78.4

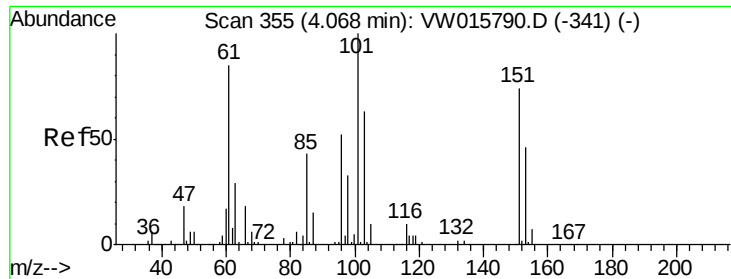


#8

Diethyl Ether
Concen: 52.538 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW015820.D
Acq: 08 Jul 2020 19:51

Tgt Ion: 74 Resp: 50756
Ion Ratio Lower Upper
74 100
45 97.3 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.260 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW015820.D

Acq: 08 Jul 2020 19:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

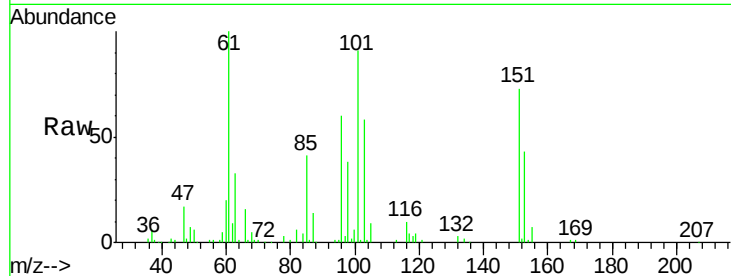
Tot Ion:101 Resp: 89408

Ion Ratio Lower Upper

101 100

85 45.6 36.1 54.1

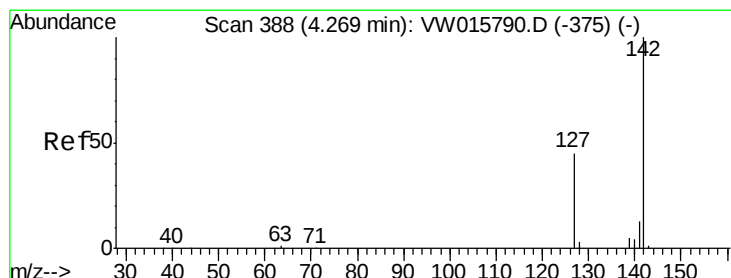
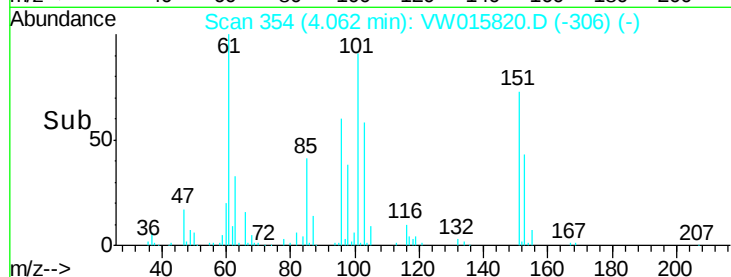
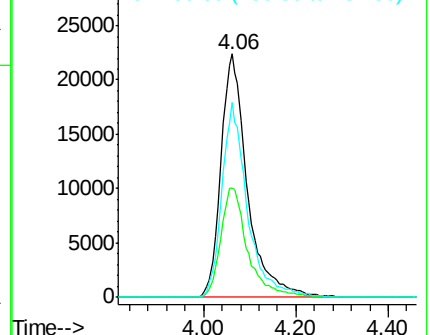
151 76.6 60.3 90.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.392 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW015820.D

Acq: 08 Jul 2020 19:51

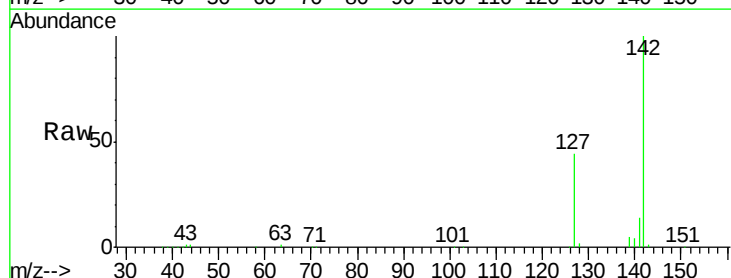
Tgt Ion:142 Resp: 130418

Ion Ratio Lower Upper

142 100

127 45.1 36.1 54.1

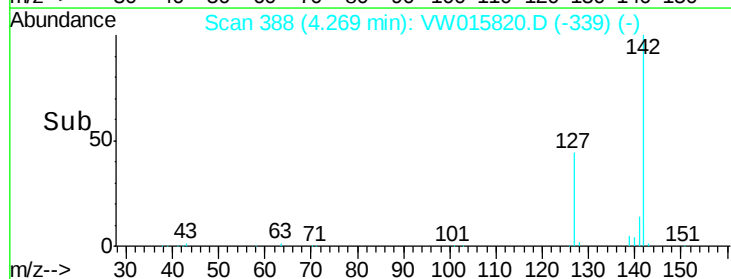
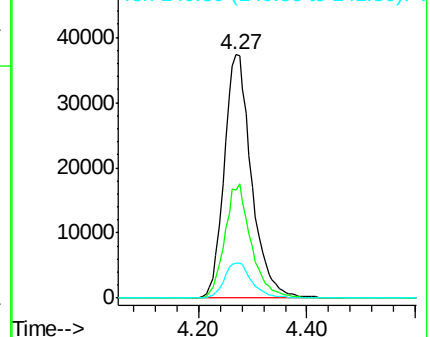
141 14.6 11.7 17.5

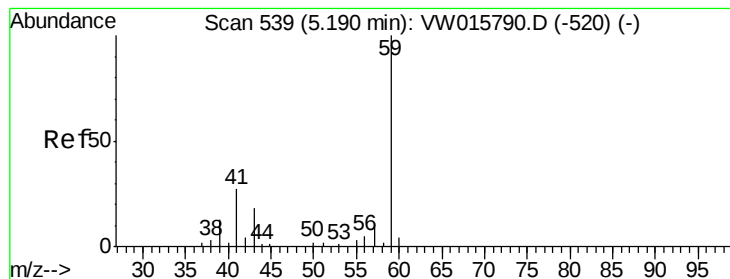


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



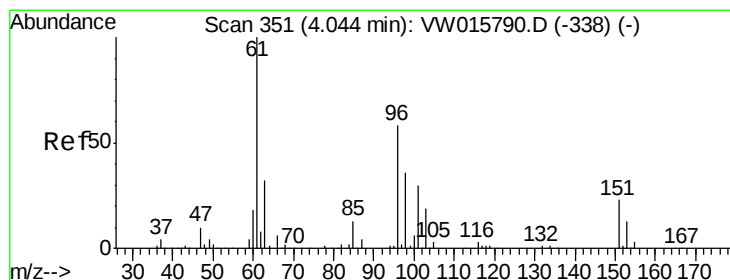
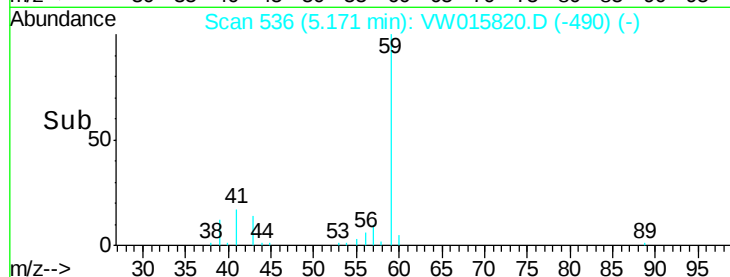
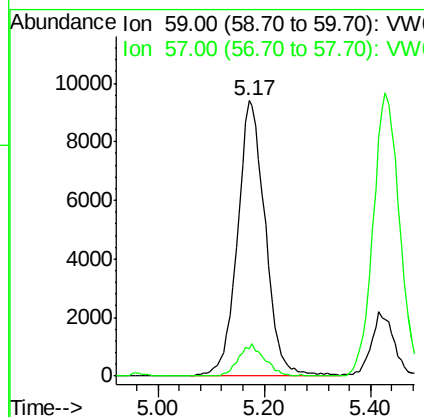
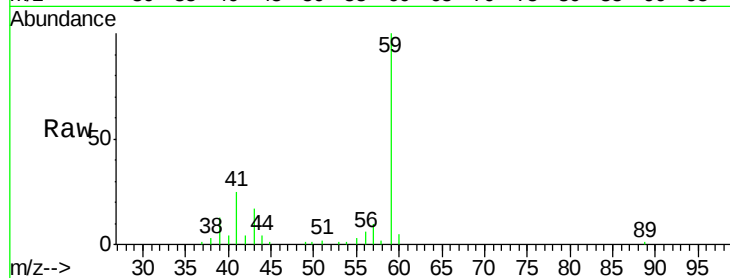


#11

Tert butyl alcohol
Concen: 326.591 ug/l
RT: 5.17 min Scan# 536
Delta R.T. -0.02 min
Lab File: VW015820.D
Acq: 08 Jul 2020 19:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

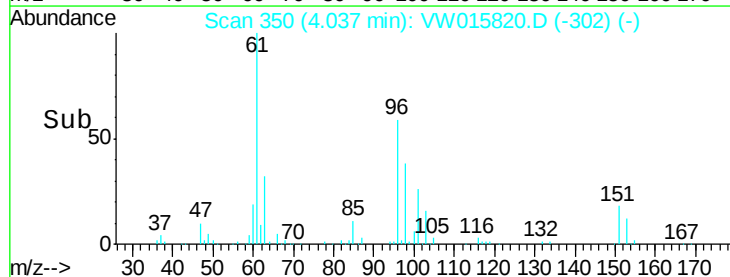
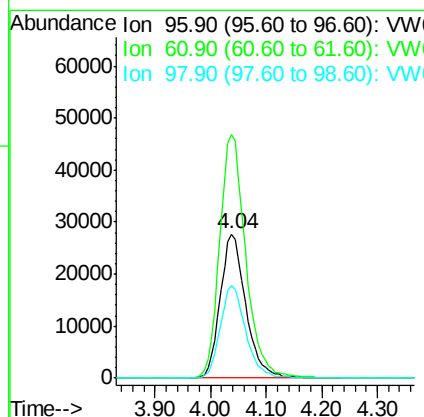
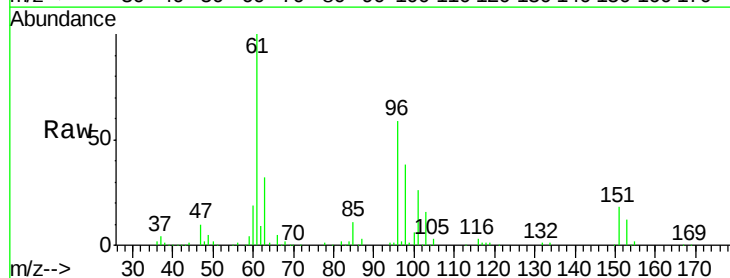
Tot Ion: 59 Resp: 34080
Ion Ratio Lower Upper
59 100
57 10.9 8.7 13.1

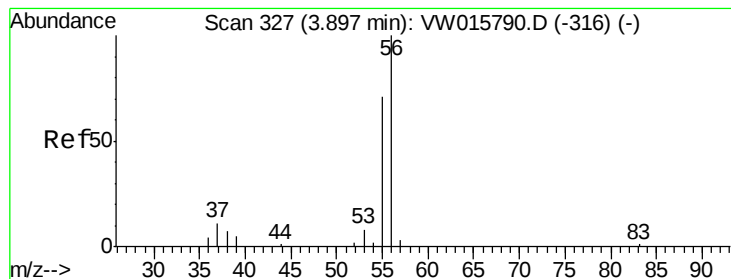


#12

1,1-Dichloroethene
Concen: 49.513 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW015820.D
Acq: 08 Jul 2020 19:51

Tgt Ion: 96 Resp: 88358
Ion Ratio Lower Upper
96 100
61 168.7 137.0 205.4
98 63.8 49.3 73.9





#13

Acrolein

Concen: 225.476 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW015820.D

Acq: 08 Jul 2020 19:51

Instrument :

MSVOA_W

ClientSampleId :

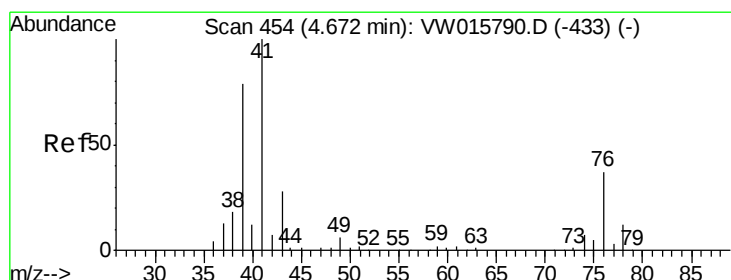
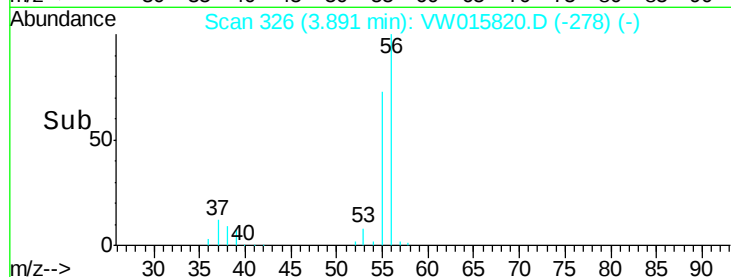
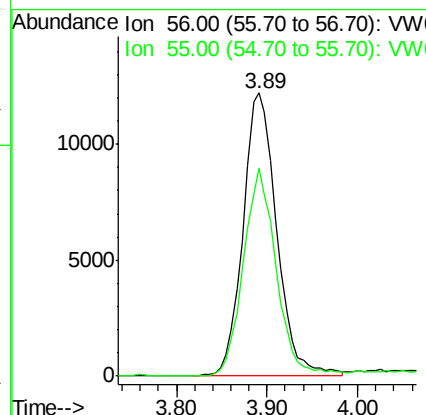
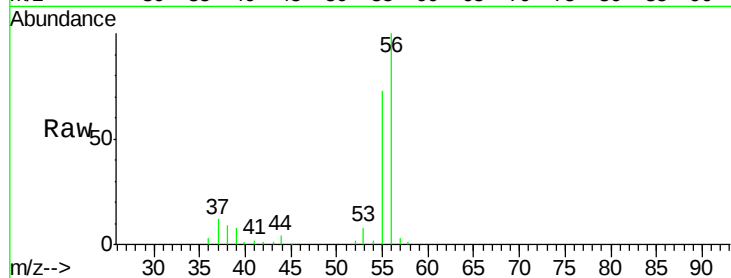
VSTDCCC050EC

Tot Ion: 56 Resp: 31467

Ion Ratio Lower Upper

56 100

55 71.6 55.8 83.6



#14

Allyl chloride

Concen: 51.711 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW015820.D

Acq: 08 Jul 2020 19:51

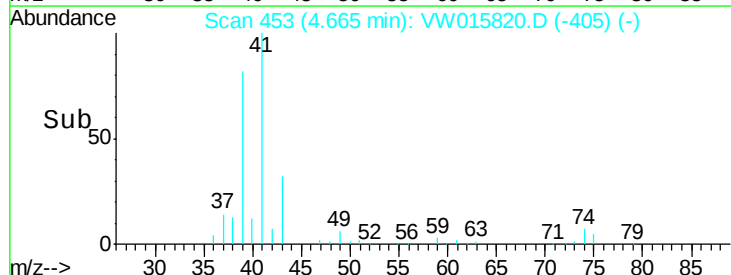
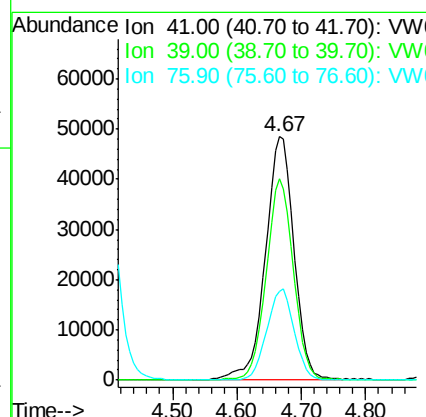
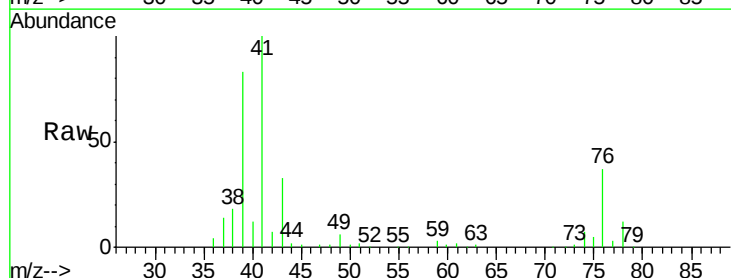
Tgt Ion: 41 Resp: 149987

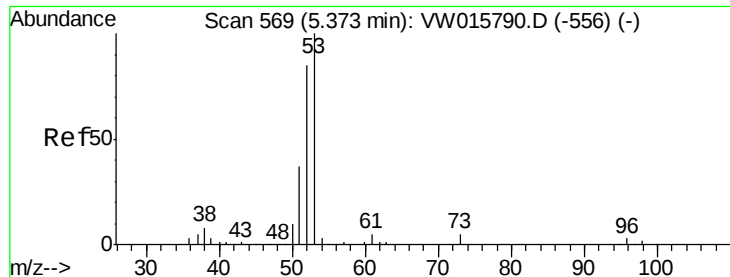
Ion Ratio Lower Upper

41 100

39 78.4 64.0 96.0

76 35.7 28.9 43.3





#15

Acrylonitrile

Concen: 295.935 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW015820.D

Acq: 08 Jul 2020 19:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

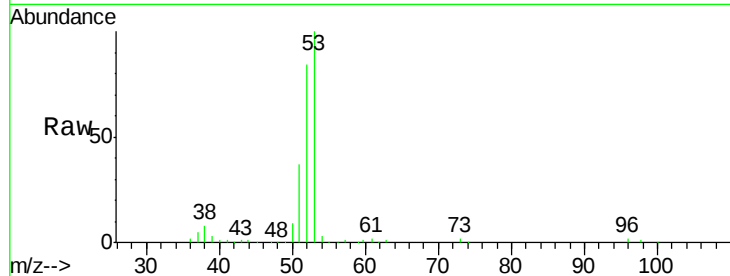
Tot Ion: 53 Resp: 111782

Ion Ratio Lower Upper

53 100

52 83.4 65.8 98.8

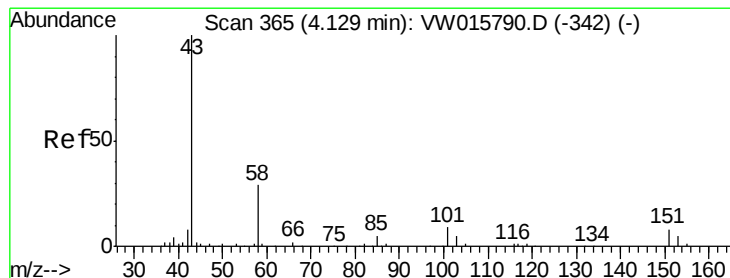
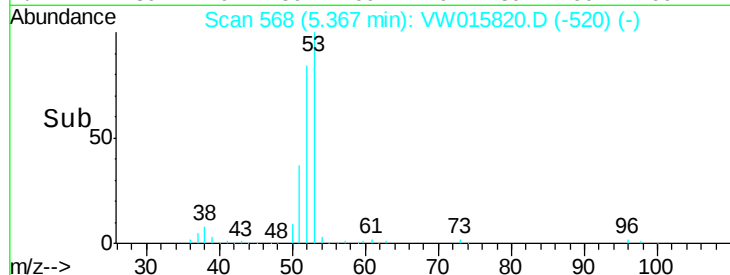
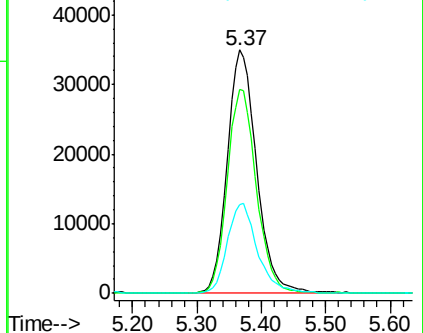
51 38.0 30.2 45.2



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: 272.932 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW015820.D

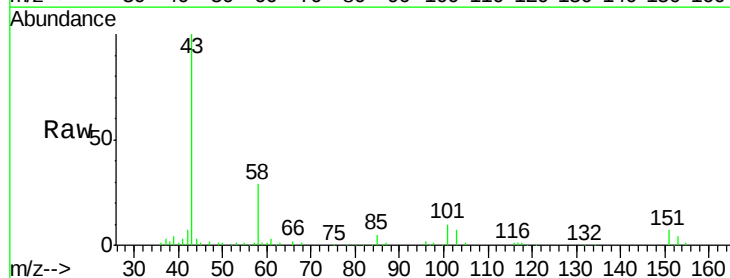
Acq: 08 Jul 2020 19:51

Tgt Ion: 43 Resp: 102737

Ion Ratio Lower Upper

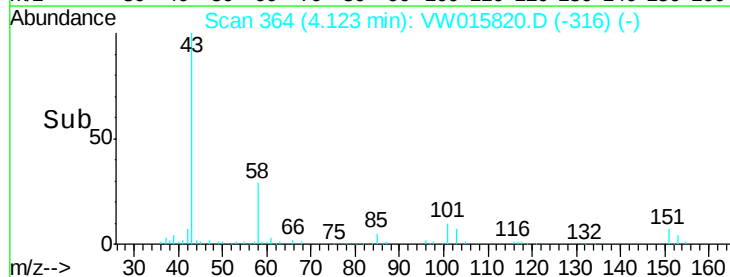
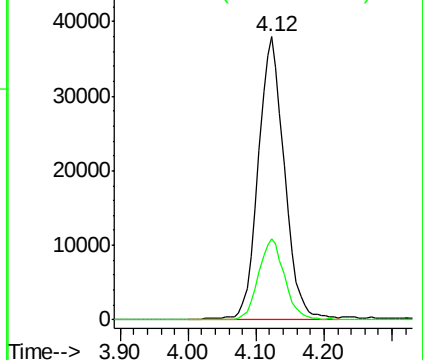
43 100

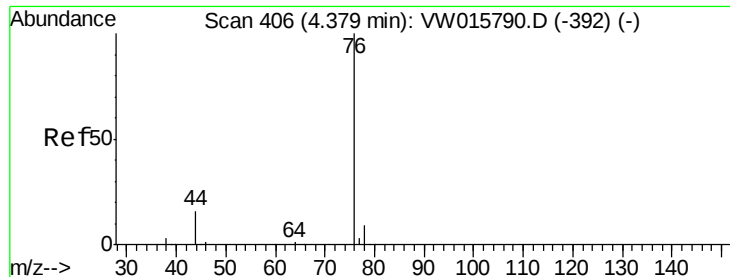
58 28.6 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

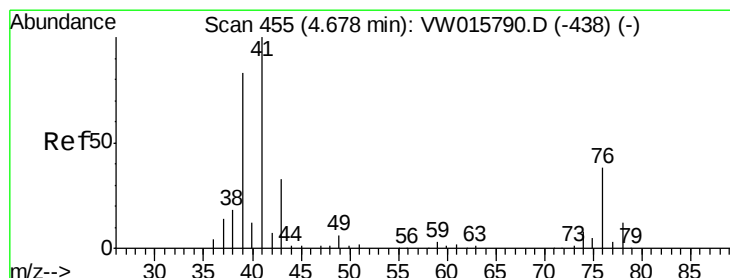
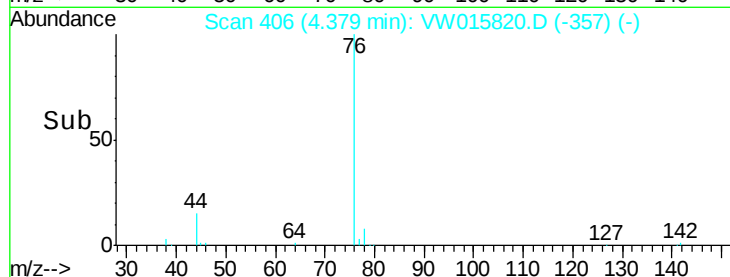
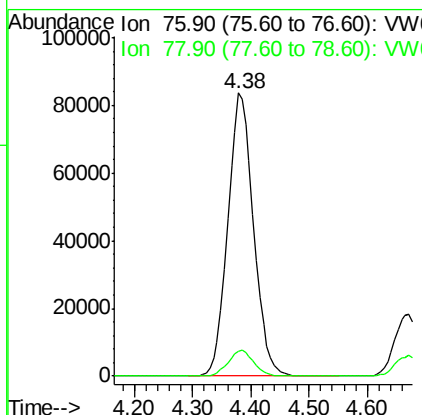
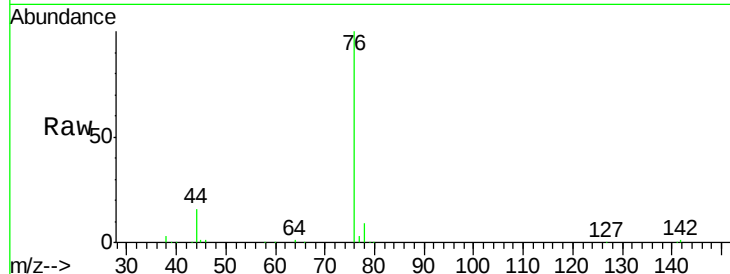




#17
Carbon Disulfide
Concen: 48.238 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW015820.D
Acq: 08 Jul 2020 19:51

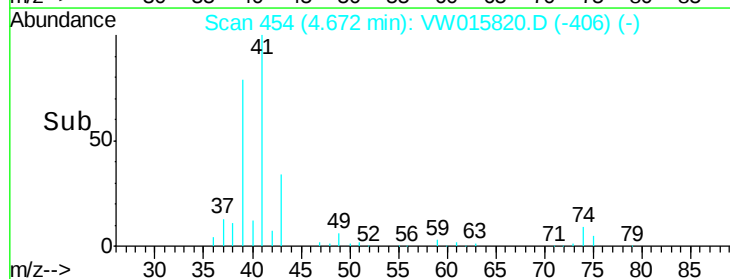
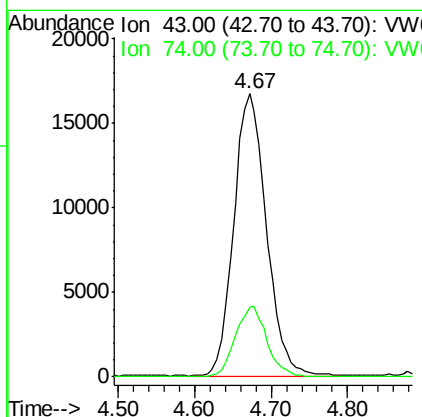
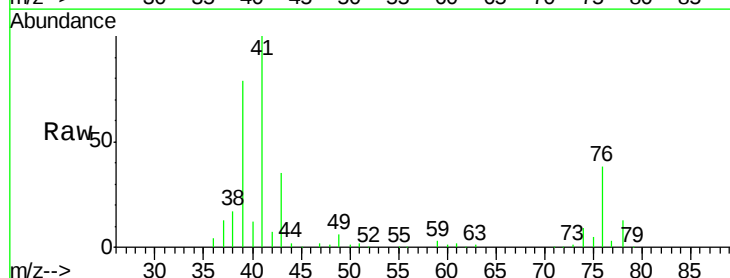
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

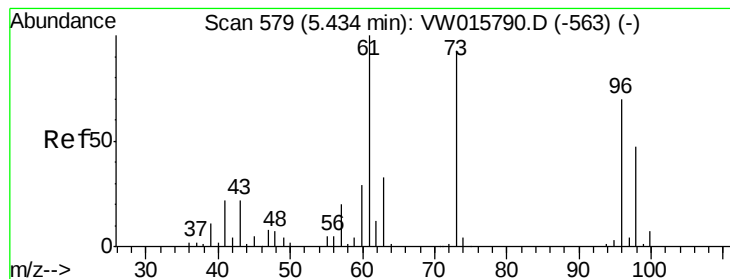
Tot Ion: 76 Resp: 256072
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 57.564 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW015820.D
Acq: 08 Jul 2020 19:51

Tgt Ion: 43 Resp: 49311
Ion Ratio Lower Upper
43 100
74 24.1 19.2 28.8



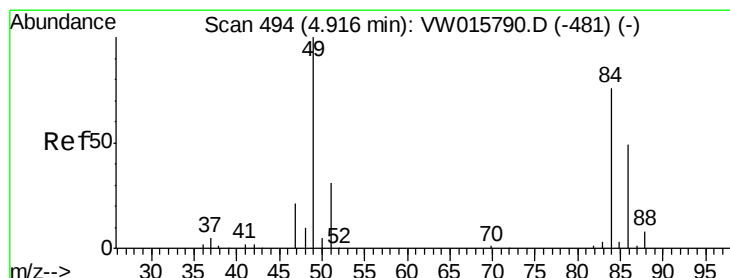
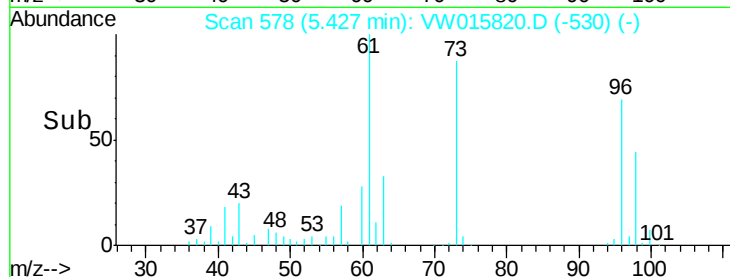
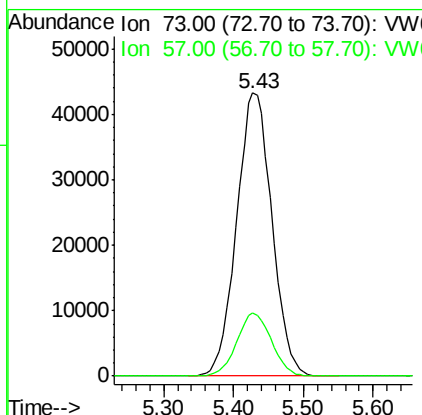
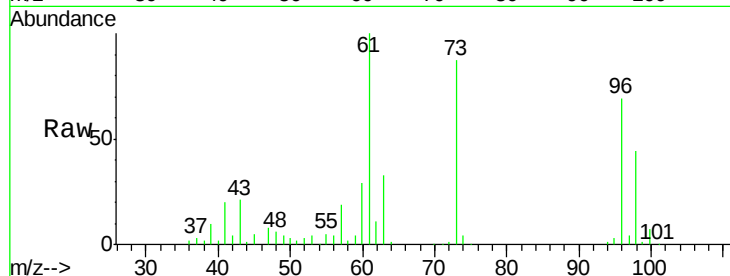


#19

Methyl tert-butyl Ether
 Concen: 56.690 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: VW015820.D
 Acq: 08 Jul 2020 19:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

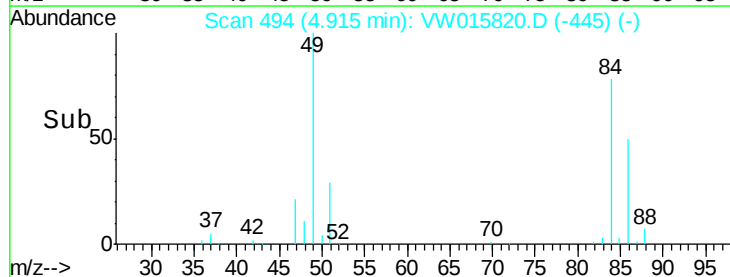
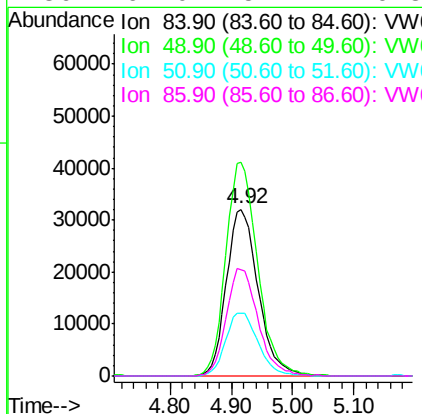
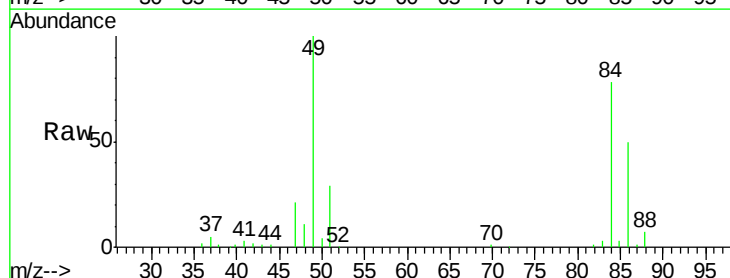
Tot Ion: 73 Resp: 151410
 Ion Ratio Lower Upper
 73 100
 57 22.3 16.8 25.2

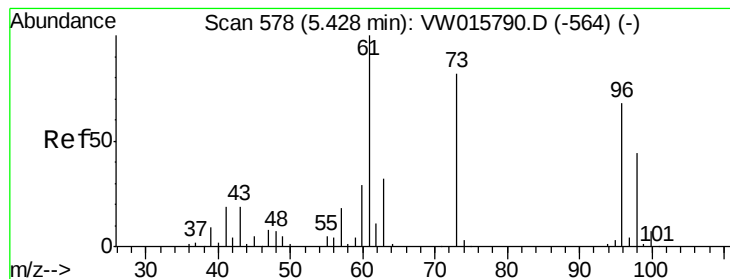


#20

Methylene Chloride
 Concen: 60.432 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW015820.D
 Acq: 08 Jul 2020 19:51

Tgt Ion: 84 Resp: 115012
 Ion Ratio Lower Upper
 84 100
 49 128.3 105.0 157.6
 51 37.6 32.3 48.5
 86 64.0 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 51.403 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW015820.D

Acq: 08 Jul 2020 19:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

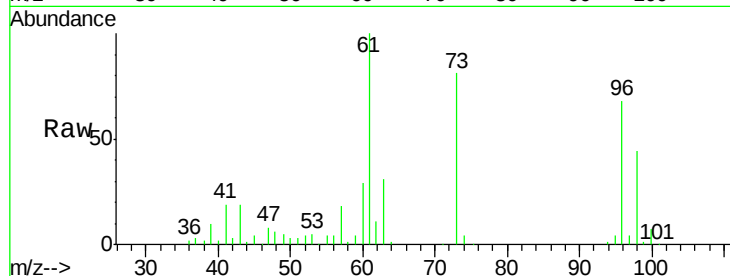
Tot Ion: 96 Resp: 106248

Ion Ratio Lower Upper

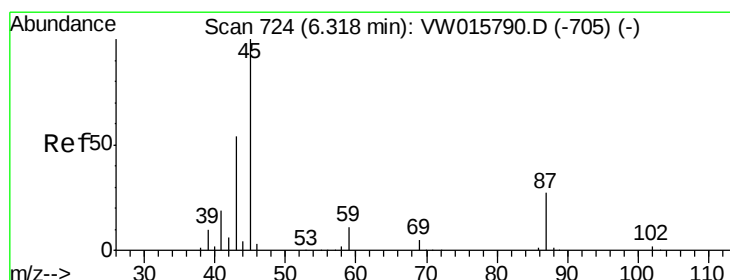
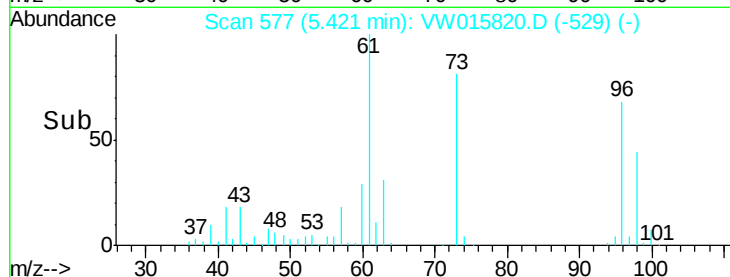
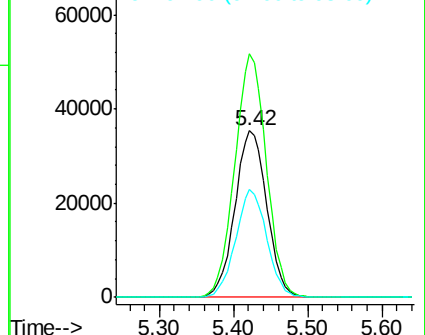
96 100

61 146.0 118.1 177.1

98 64.8 52.6 78.8



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



#22

Diisopropyl ether

Concen: 53.685 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW015820.D

Acq: 08 Jul 2020 19:51

Tgt Ion: 45 Resp: 313784

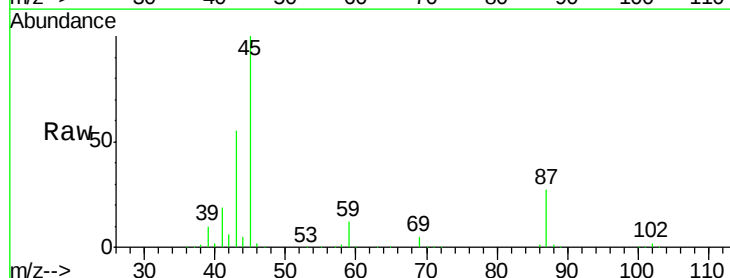
Ion Ratio Lower Upper

45 100

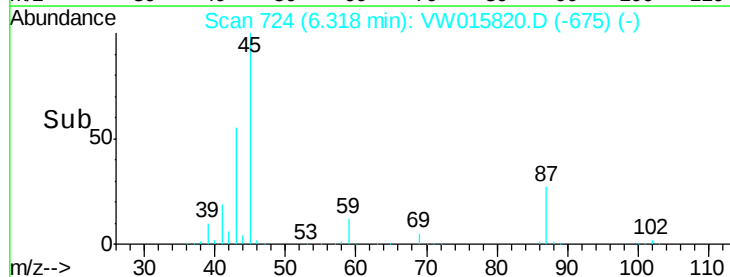
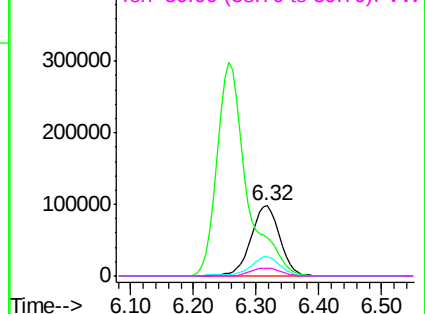
43 54.4 43.8 65.6

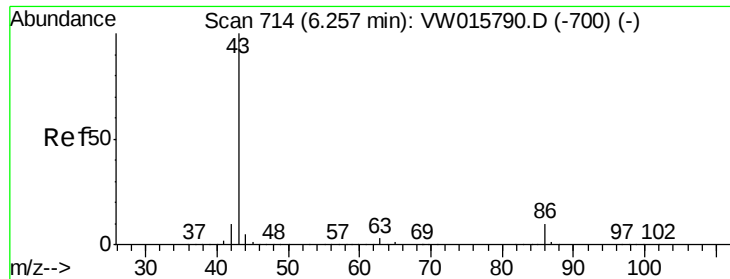
87 26.6 22.1 33.1

59 11.7 8.9 13.3



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 280.801 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW015820.D

Acq: 08 Jul 2020 19:51

Instrument :

MSVOA_W

ClientSampleId :

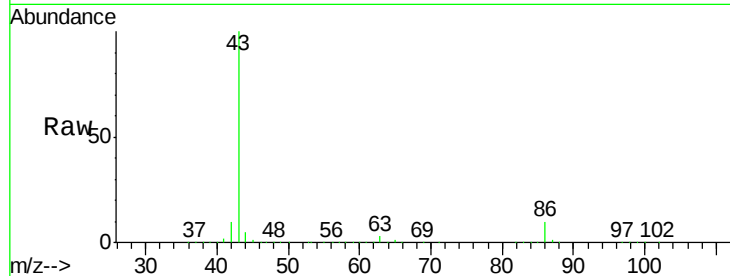
VSTDCCC050EC

Tot Ion: 43 Resp: 976210

Ion Ratio Lower Upper

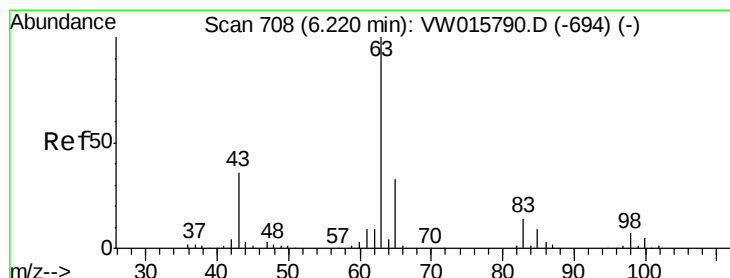
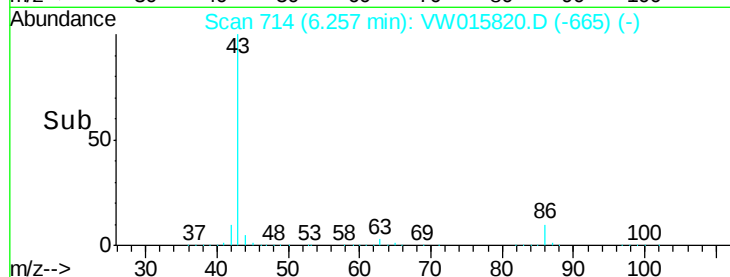
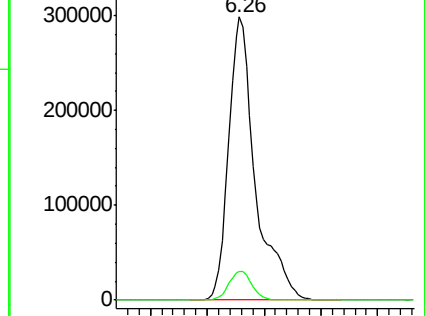
43 100

86 10.3 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 51.611 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW015820.D

Acq: 08 Jul 2020 19:51

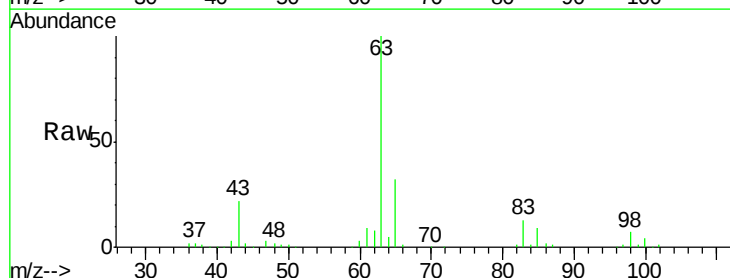
Tgt Ion: 63 Resp: 190991

Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.2

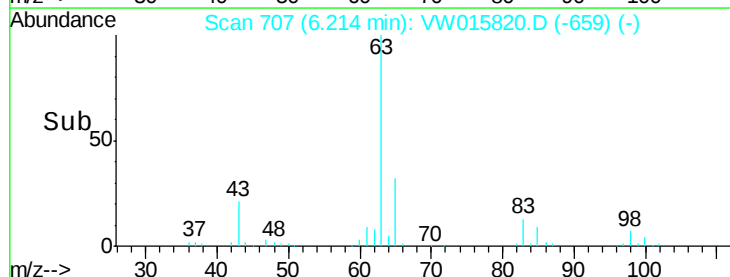
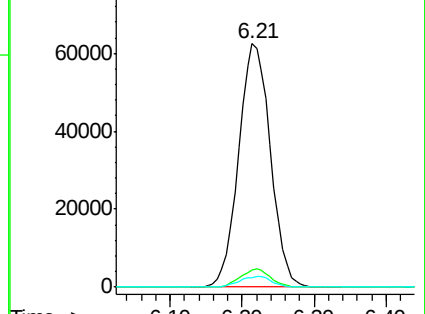
100 4.1 2.4 7.1

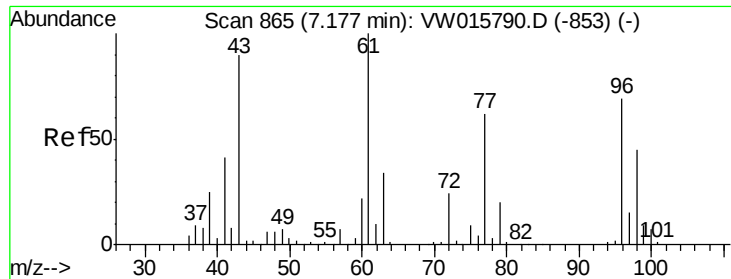


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 291.081 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW015820.D

Acq: 08 Jul 2020 19:51

Instrument :

MSVOA_W

ClientSampleId :

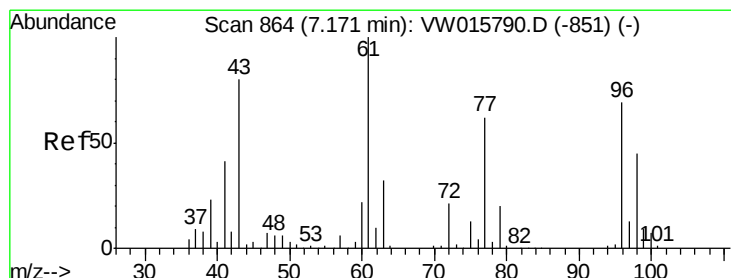
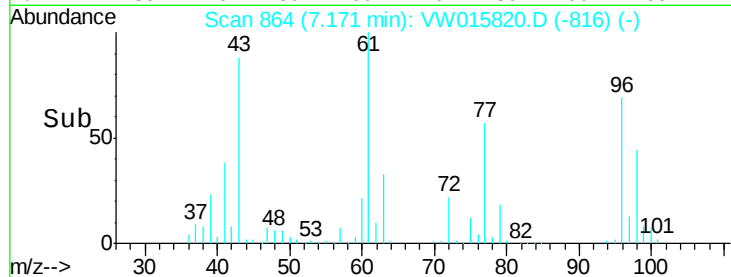
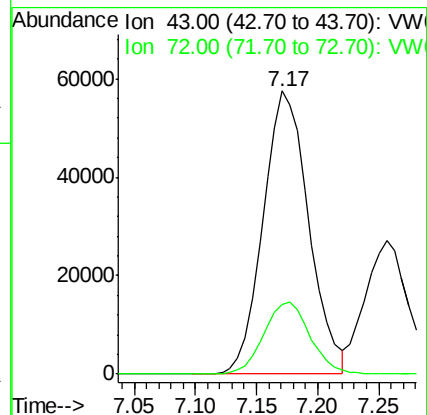
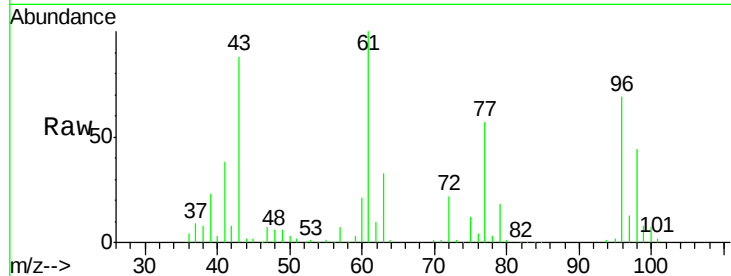
VSTDCCC050EC

Tot Ion: 43 Resp: 148728

Ion Ratio Lower Upper

43 100

72 24.8 21.3 31.9



#26

2,2-Dichloropropane

Concen: 47.524 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW015820.D

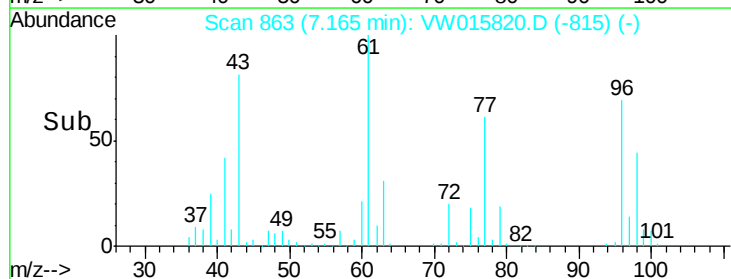
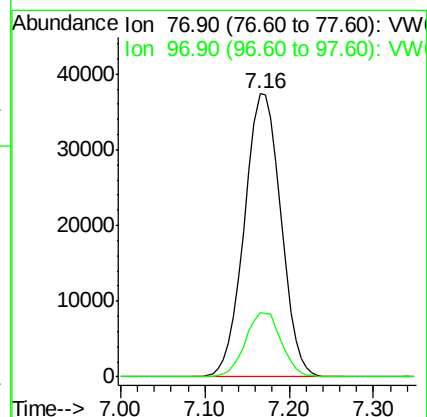
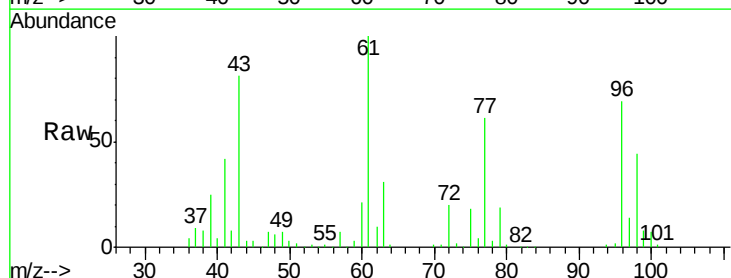
Acq: 08 Jul 2020 19:51

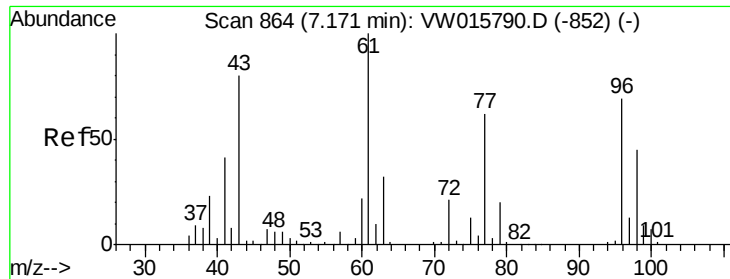
Tgt Ion: 77 Resp: 110333

Ion Ratio Lower Upper

77 100

97 22.3 11.0 33.0



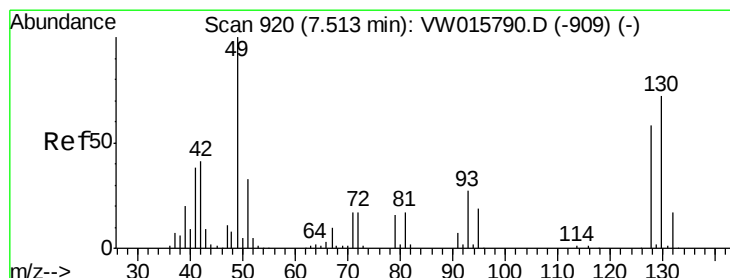
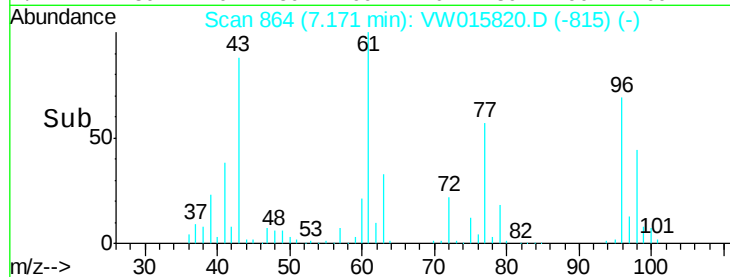
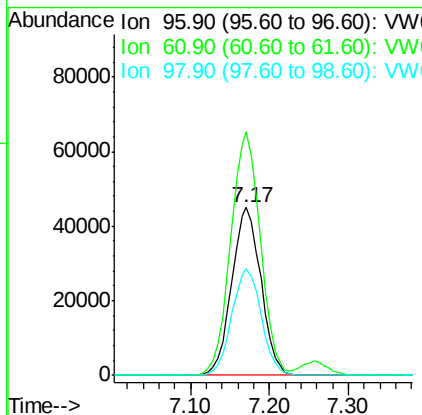
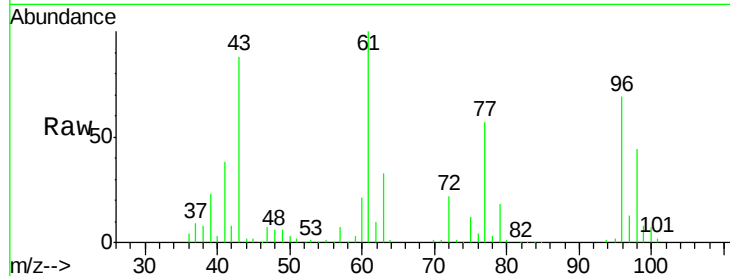


#27

cis-1,2-Dichloroethene
Concen: 52.192 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW015820.D
Acq: 08 Jul 2020 19:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

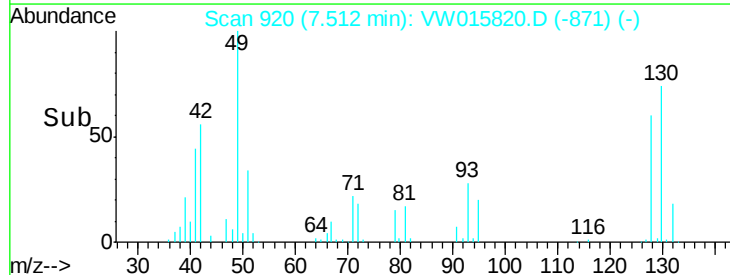
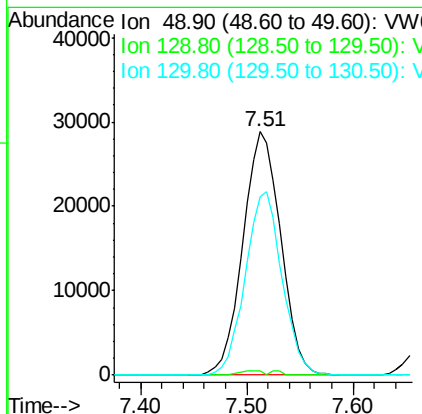
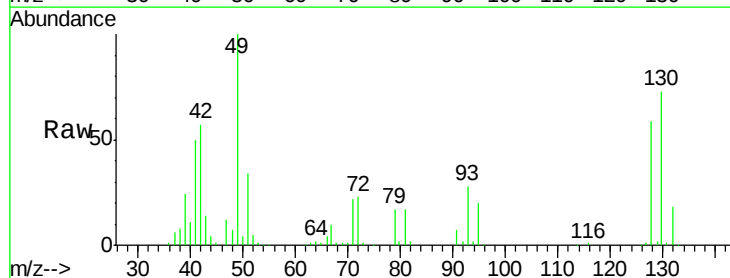
Tot Ion: 96 Resp: 115836
Ion Ratio Lower Upper
96 100
61 147.6 0.0 292.2
98 64.2 0.0 129.0



#28

Bromochloromethane
Concen: 49.139 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW015820.D
Acq: 08 Jul 2020 19:51

Tgt Ion: 49 Resp: 72089
Ion Ratio Lower Upper
49 100
129 1.0 0.0 2.6
130 0.0 59.5 89.3#

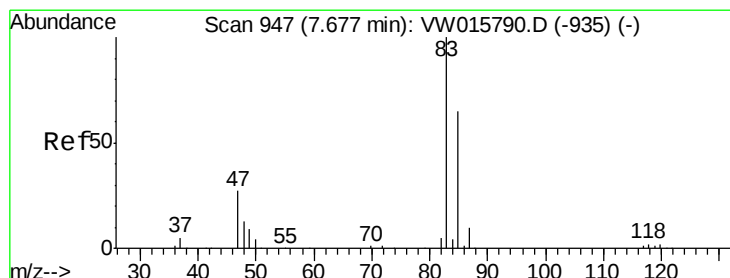
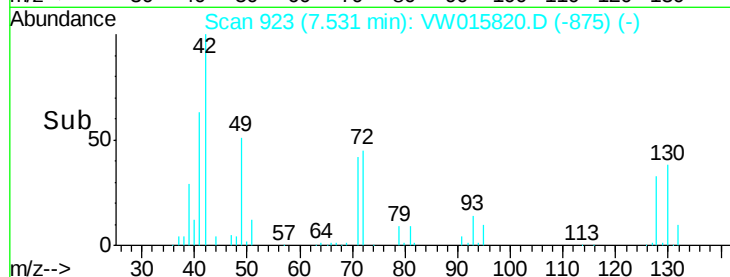
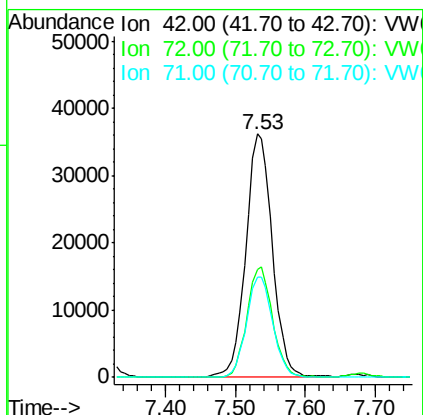
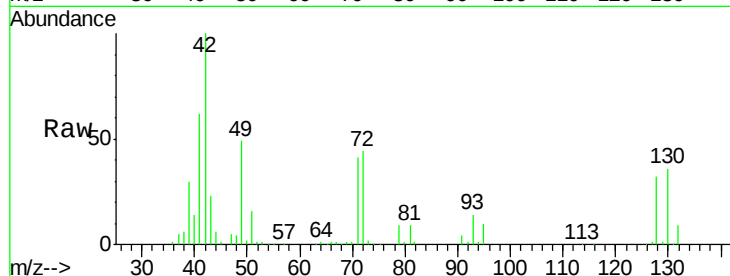




#29
Tetrahydrofuran
Concen: 307.799 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW015820.D
Acq: 08 Jul 2020 19:51

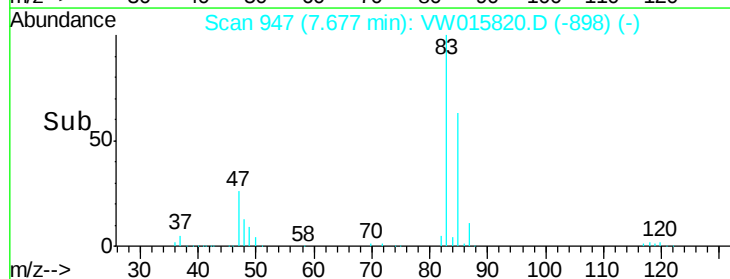
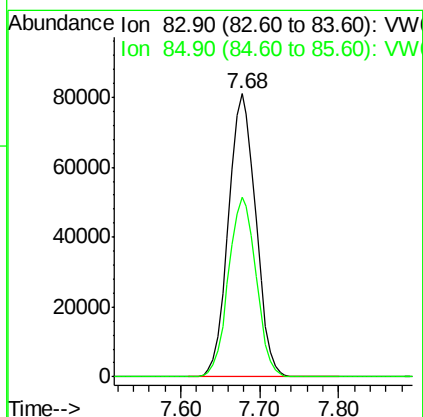
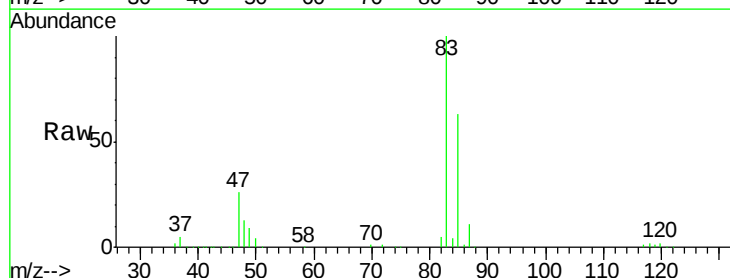
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

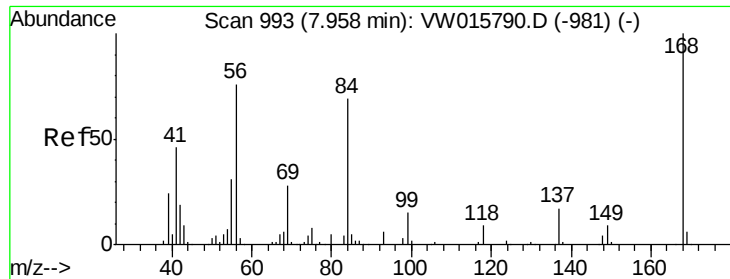
Tot Ion: 42 Resp: 95436
Ion Ratio Lower Upper
42 100
72 43.9 34.6 51.8
71 41.1 32.8 49.2



#30
Chloroform
Concen: 51.761 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW015820.D
Acq: 08 Jul 2020 19:51

Tgt Ion: 83 Resp: 195807
Ion Ratio Lower Upper
83 100
85 63.4 51.6 77.4

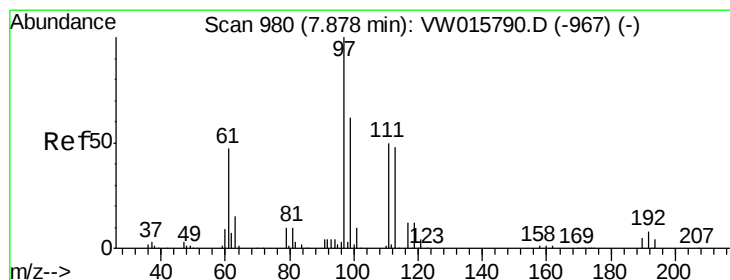
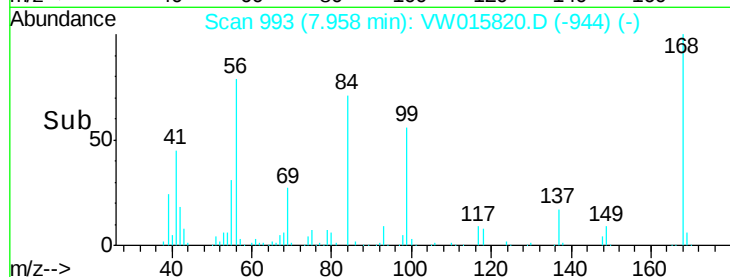
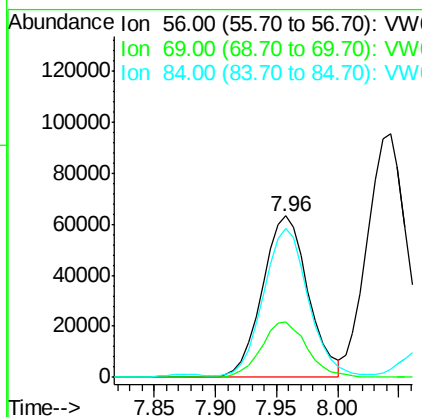
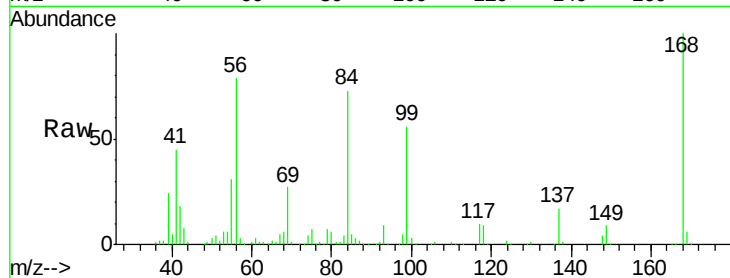




#31
Cyclohexane
Concen: 47.323 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW015820.D
Acq: 08 Jul 2020 19:51

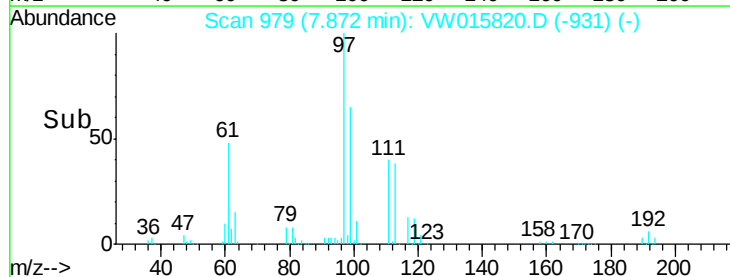
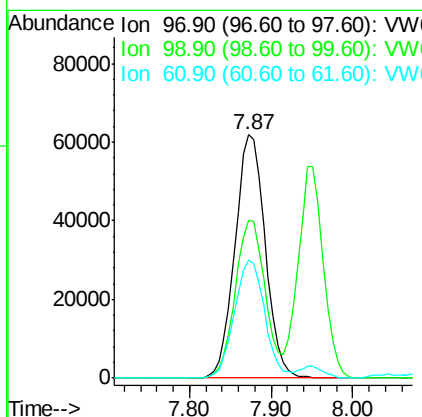
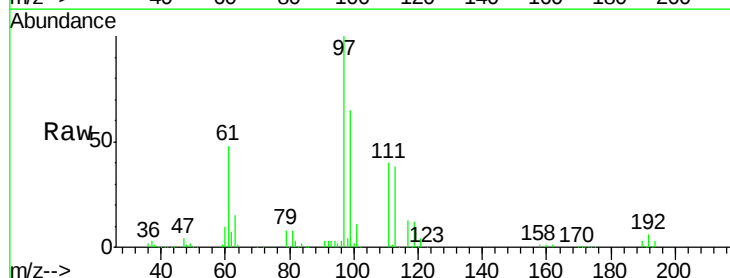
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

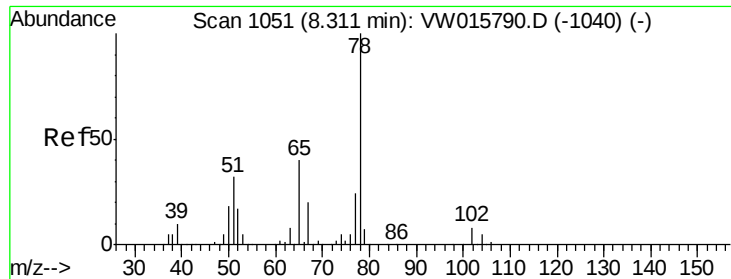
Tot Ion: 56 Resp: 164817
Ion Ratio Lower Upper
56 100
69 34.3 28.9 43.3
84 90.4 72.2 108.4



#32
1,1,1-Trichloroethane
Concen: 49.941 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW015820.D
Acq: 08 Jul 2020 19:51

Tgt Ion: 97 Resp: 158416
Ion Ratio Lower Upper
97 100
99 65.0 51.0 76.4
61 48.6 38.6 57.8

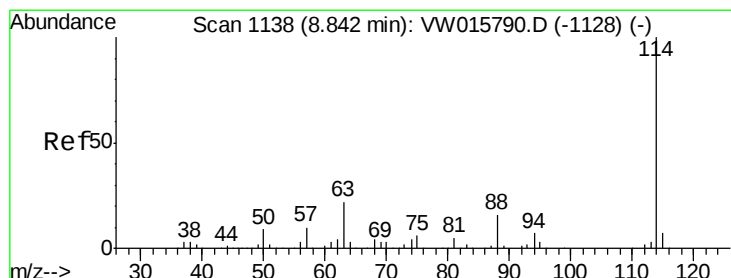
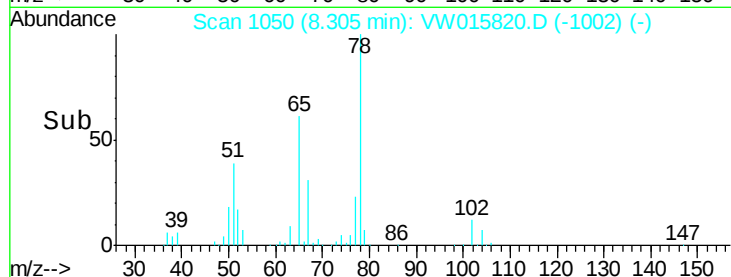
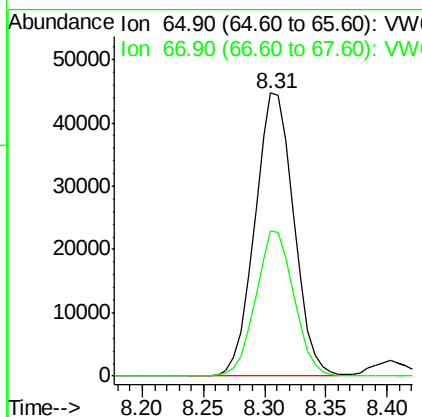
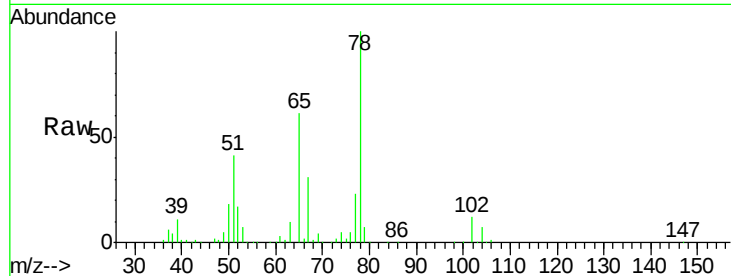




#33
 1,2-Dichloroethane-d4
 Concen: 49.283 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW015820.D
 Acq: 08 Jul 2020 19:51

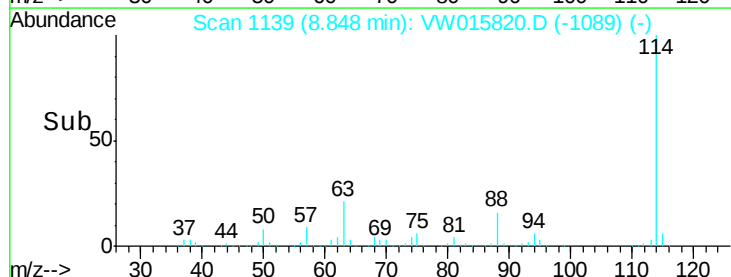
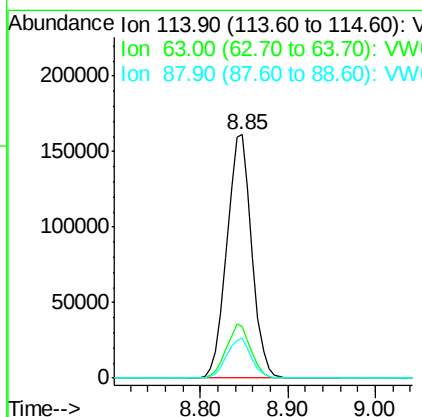
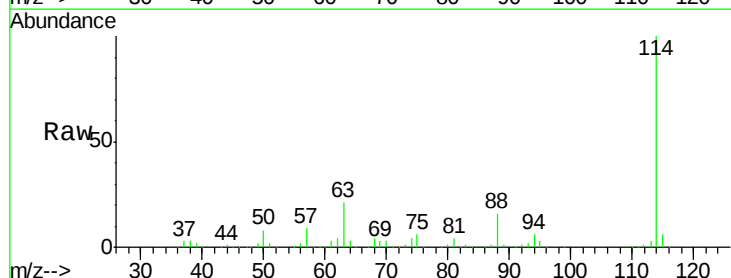
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

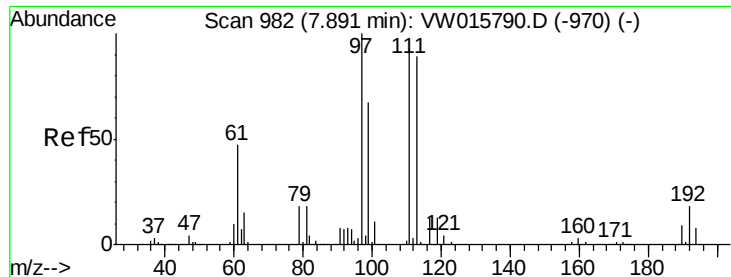
Tot Ion: 65 Resp: 99146
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW015820.D
 Acq: 08 Jul 2020 19:51

Tgt Ion: 114 Resp: 318035
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 44.4
 88 16.4 0.0 32.6

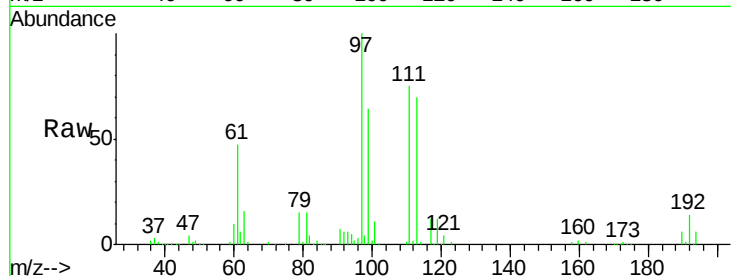




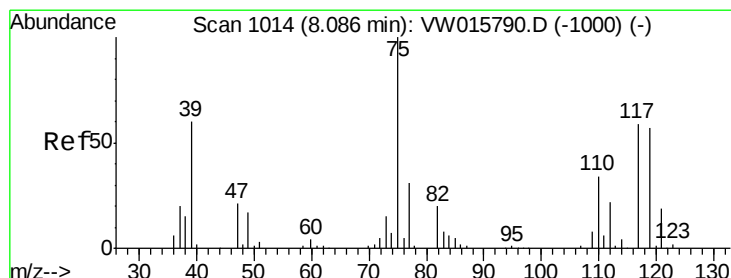
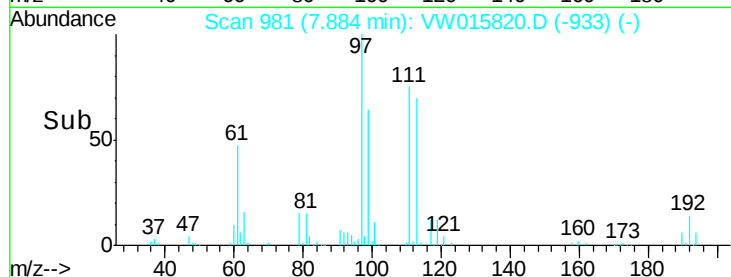
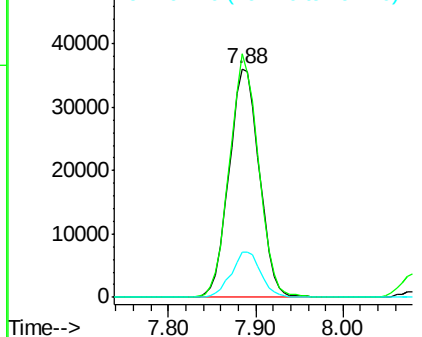
#35
 Dibromofluoromethane
 Concen: 46.805 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW015820.D
 Acq: 08 Jul 2020 19:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 86846
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.8 124.2
 192 19.4 15.4 23.2

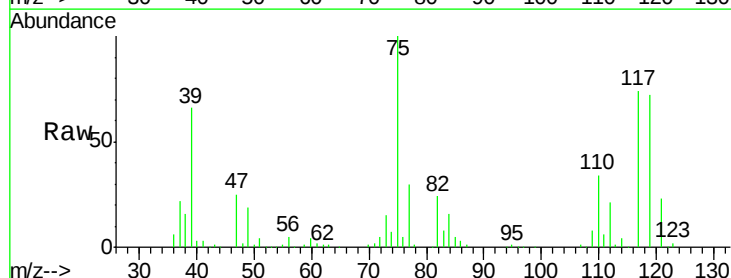


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

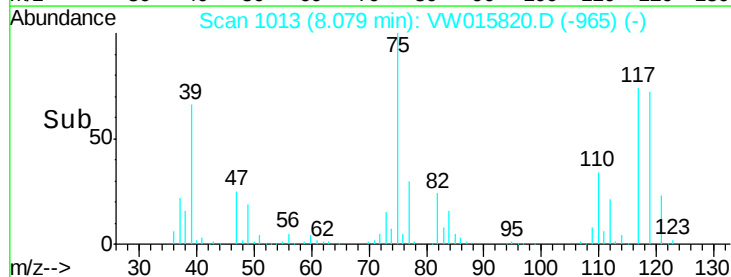
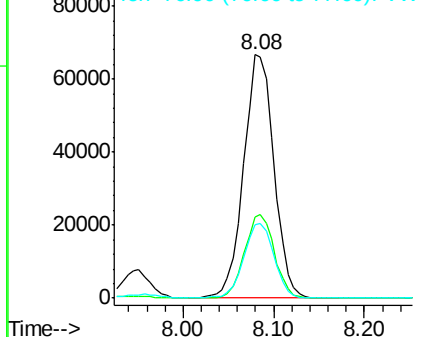


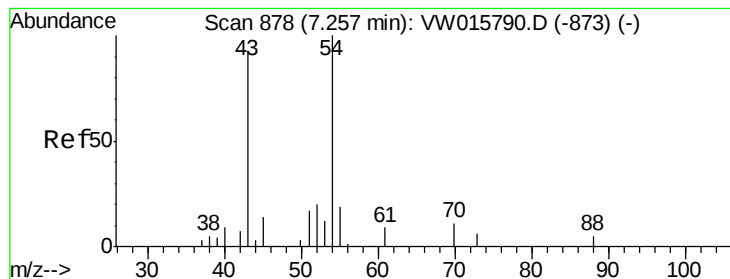
#36
 1,1-Dichloropropene
 Concen: 48.929 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW015820.D
 Acq: 08 Jul 2020 19:51

Tgt Ion: 75 Resp: 153397
 Ion Ratio Lower Upper
 75 100
 110 33.8 16.8 50.3
 77 30.9 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 55.473 ug/l

RT: 7.26 min Scan# 878

Delta R.T. -0.00 min

Lab File: VW015820.D

Acq: 08 Jul 2020 19:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

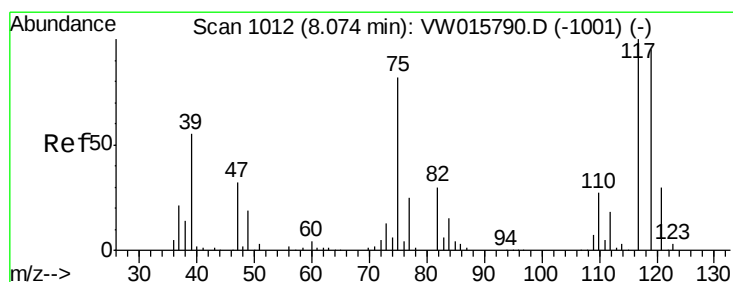
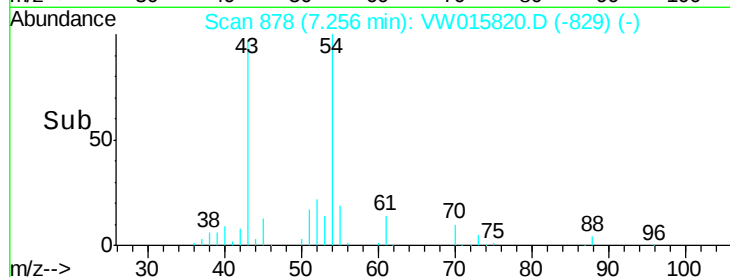
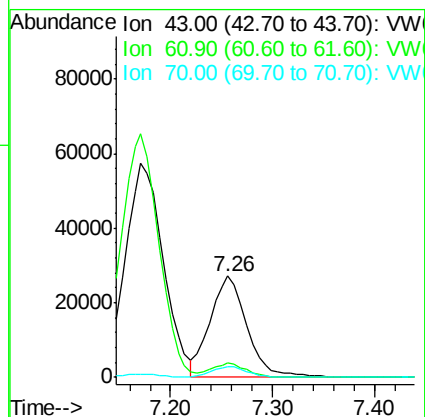
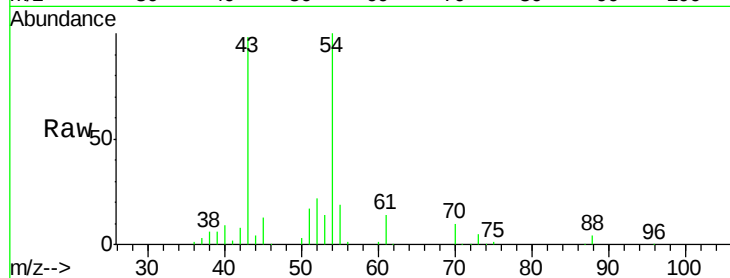
Tot Ion: 43 Resp: 67576

Ion Ratio Lower Upper

43 100

61 13.2 10.4 15.6

70 10.6 8.4 12.6



#38

Carbon Tetrachloride

Concen: 47.680 ug/l

RT: 8.07 min Scan# 1012

Delta R.T. -0.00 min

Lab File: VW015820.D

Acq: 08 Jul 2020 19:51

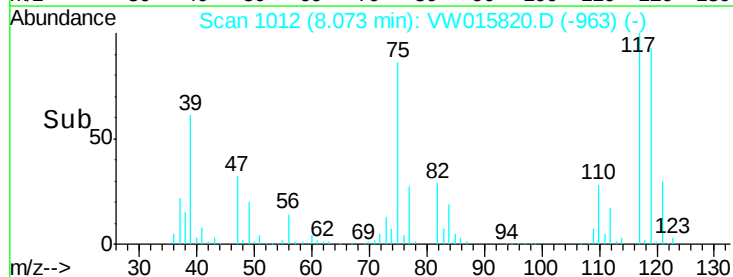
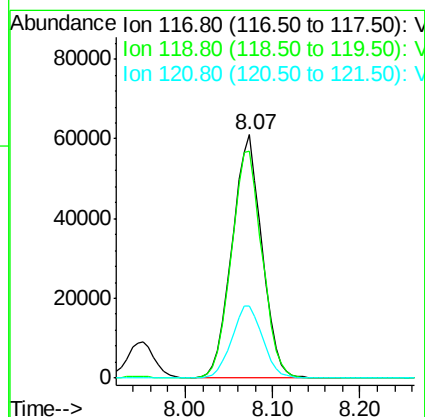
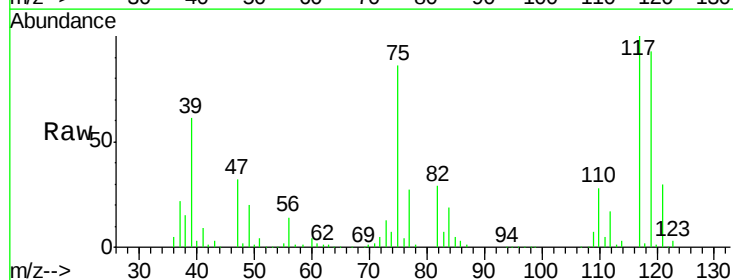
Tgt Ion: 117 Resp: 144644

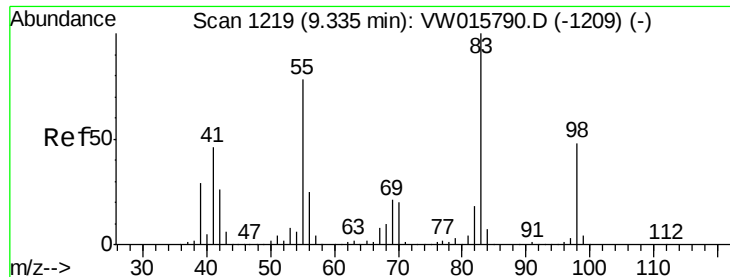
Ion Ratio Lower Upper

117 100

119 93.0 76.3 114.5

121 29.5 24.0 36.0

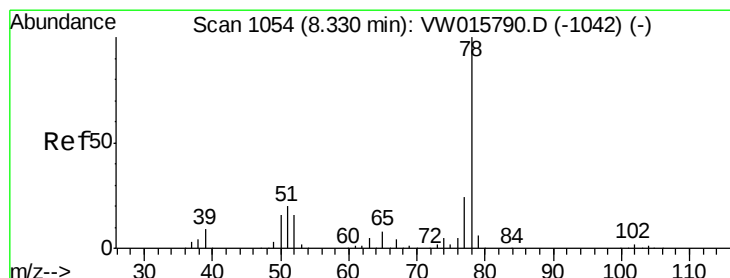
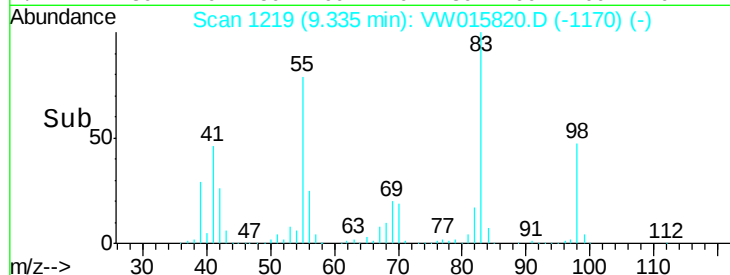
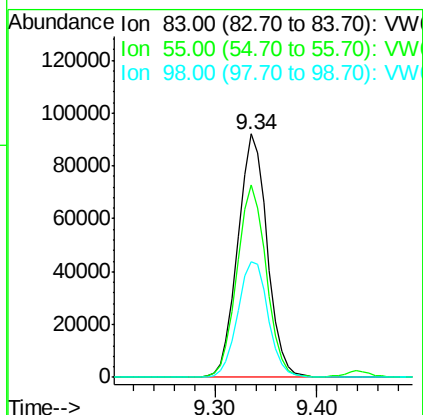
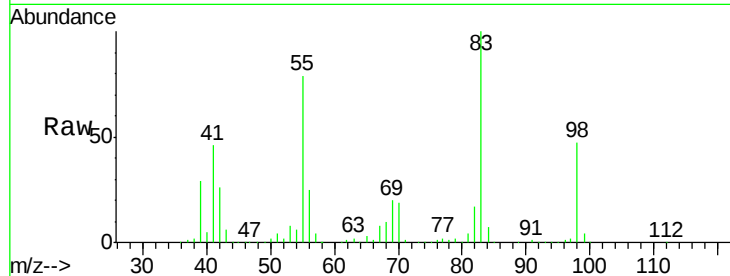




#39
Methvlcvclohexane
Concen: 49.791 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW015820.D
Acq: 08 Jul 2020 19:51

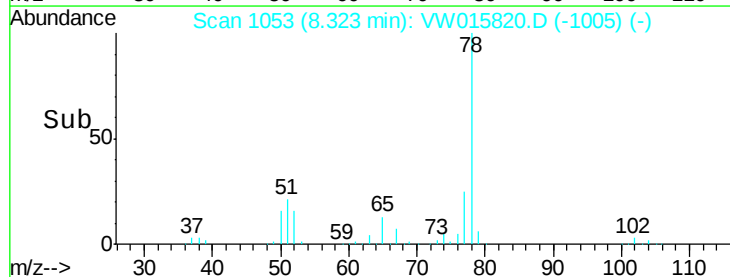
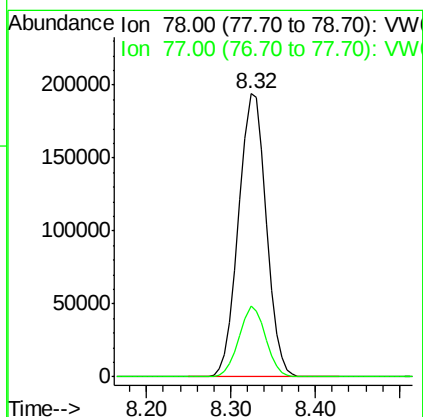
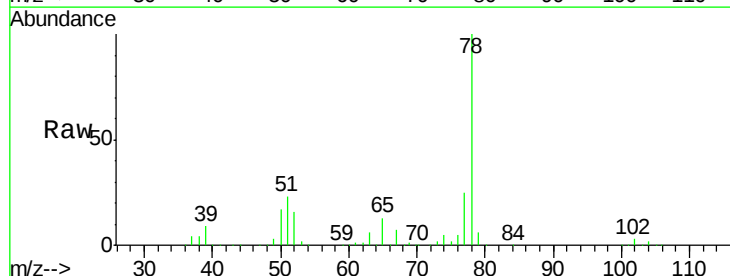
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

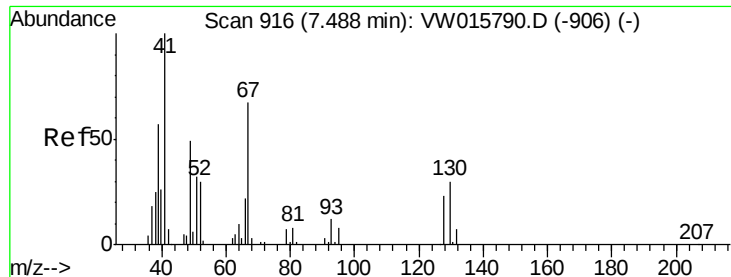
Tot Ion: 83 Resp: 184198
Ion Ratio Lower Upper
83 100
55 78.8 62.6 94.0
98 47.4 38.6 58.0



#40
Benzene
Concen: 49.975 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW015820.D
Acq: 08 Jul 2020 19:51

Tgt Ion: 78 Resp: 429179
Ion Ratio Lower Upper
78 100
77 25.0 19.0 28.6

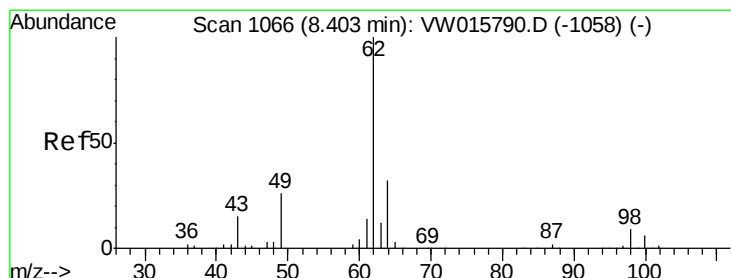
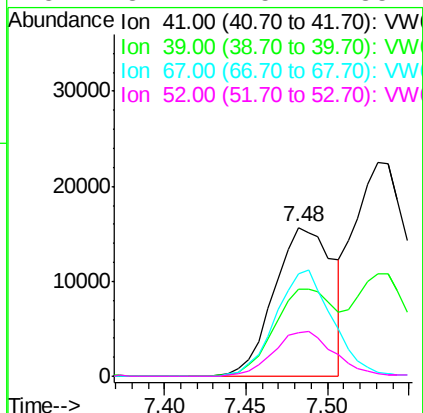
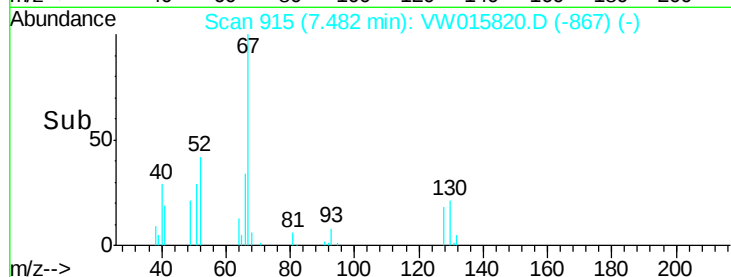
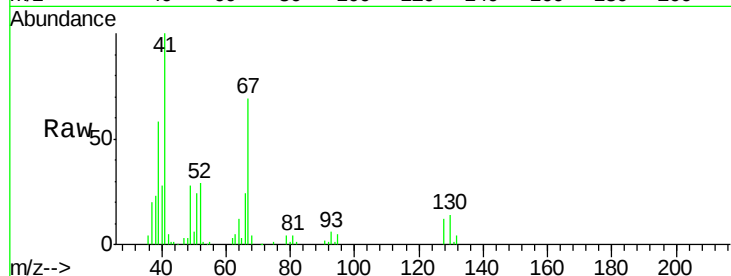




#41
Methacrylonitrile
Concen: 56.758 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW015820.D
Acq: 08 Jul 2020 19:51

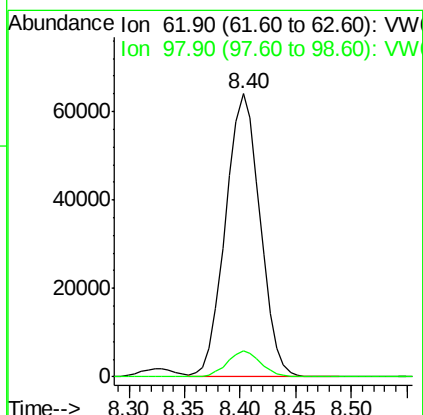
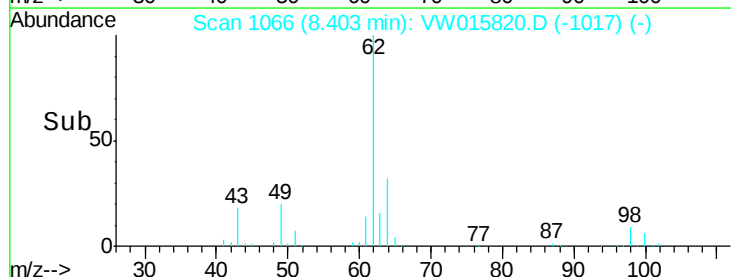
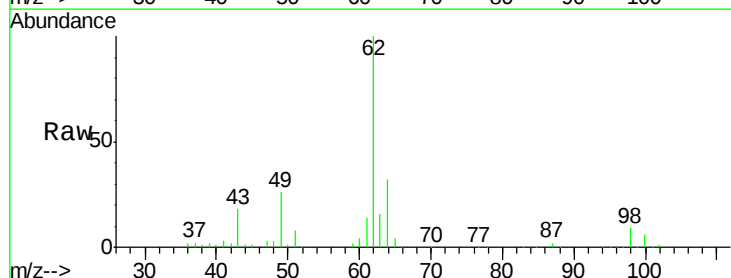
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

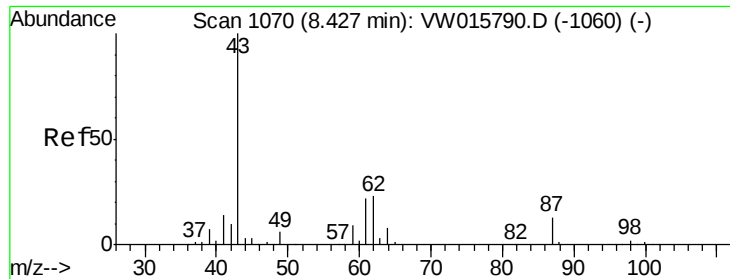
Tot Ion:	41	Resp:	39253
Ion	Ratio	Lower	Upper
41	100		
39	59.3	44.6	66.8
67	69.3	56.4	84.6
52	31.4	25.4	38.2



#42
1,2-Dichloroethane
Concen: 51.670 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW015820.D
Acq: 08 Jul 2020 19:51

Tgt Ion:	62	Resp:	138106
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.2





#43

Isopropyl Acetate

Concen: 56.568 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW015820.D

Acq: 08 Jul 2020 19:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

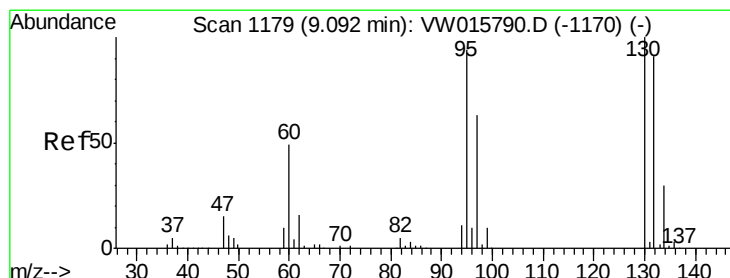
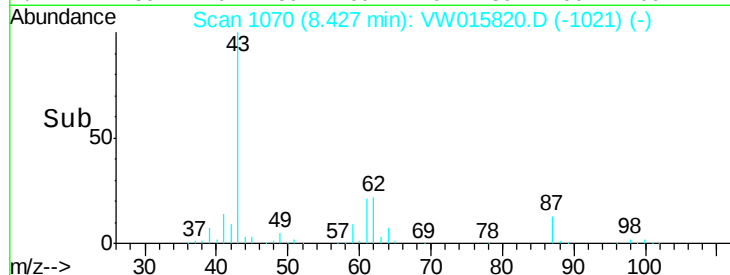
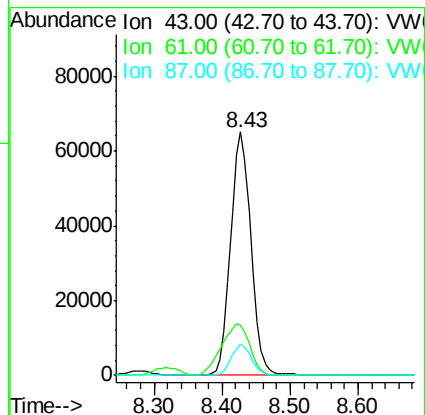
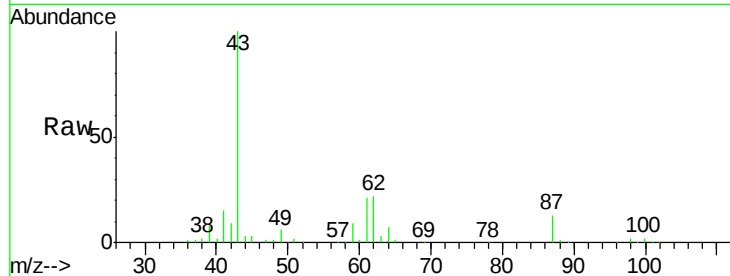
Tot Ion: 43 Resp: 134506

Ion Ratio Lower Upper

43 100

61 29.5 24.8 37.2

87 12.6 10.4 15.6



#44

Trichloroethene

Concen: 49.654 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW015820.D

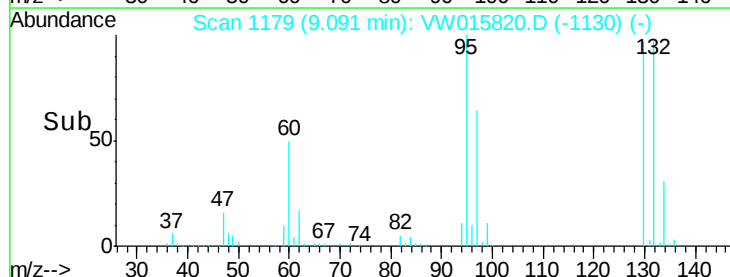
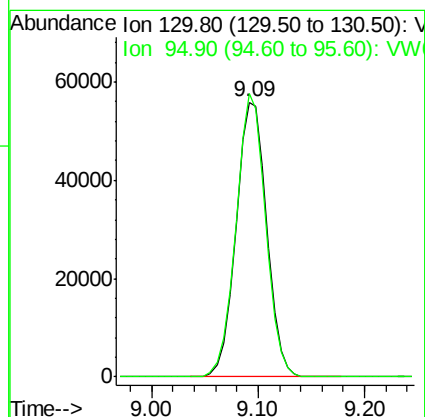
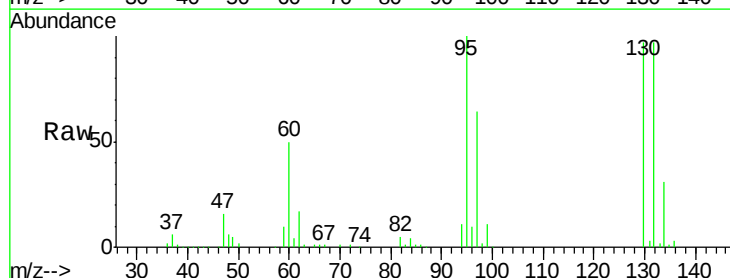
Acq: 08 Jul 2020 19:51

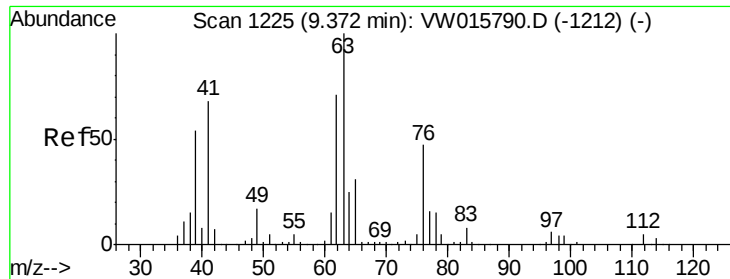
Tgt Ion: 130 Resp: 112789

Ion Ratio Lower Upper

130 100

95 103.1 0.0 188.6

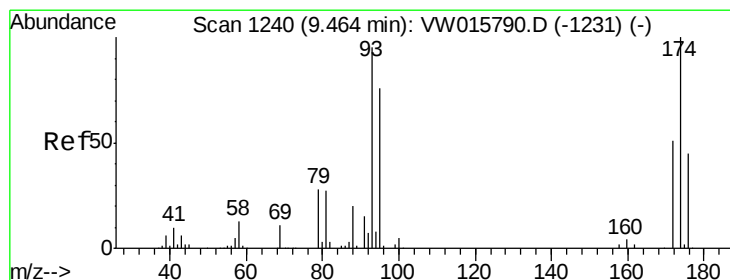
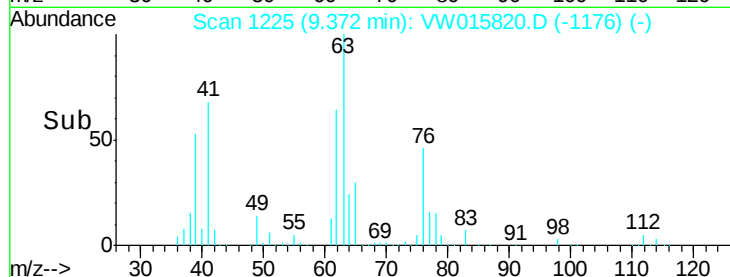
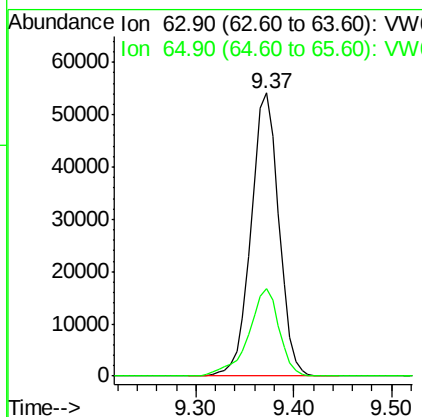
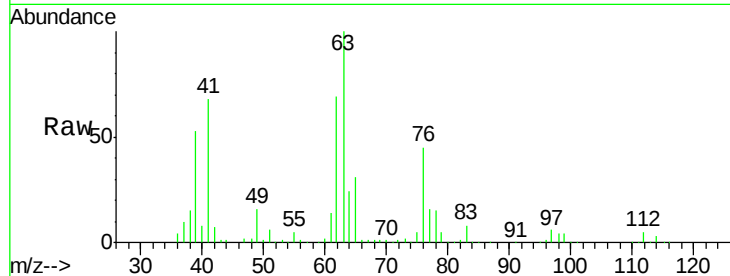




#45
 1,2-Dichloropropane
 Concen: 50.903 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW015820.D
 Acq: 08 Jul 2020 19:51

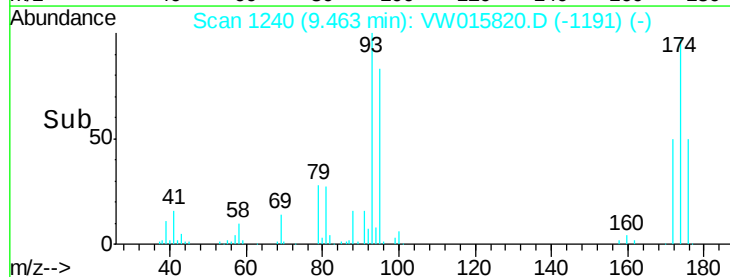
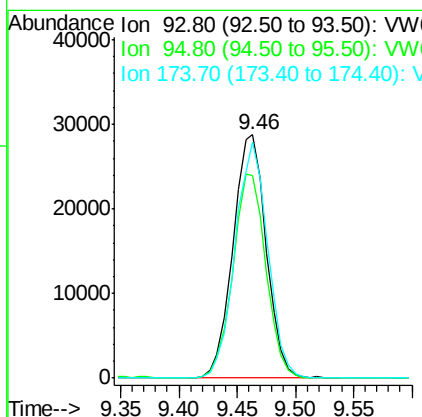
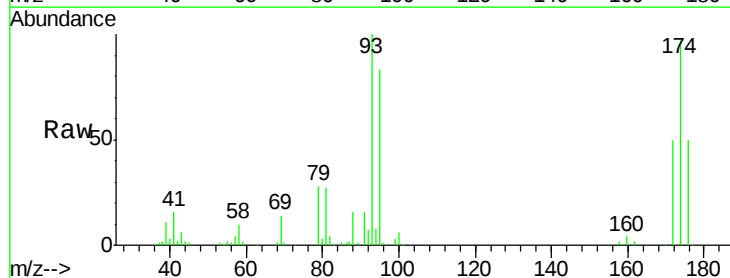
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

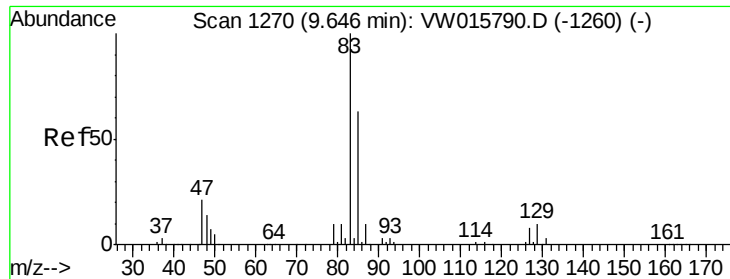
Tot Ion: 63 Resp: 107451
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.5 36.7



#46
 Dibromomethane
 Concen: 52.671 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW015820.D
 Acq: 08 Jul 2020 19:51

Tgt Ion: 93 Resp: 57240
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.0 99.0
 174 94.9 78.7 118.1





#47

Bromodichloromethane

Concen: 51.748 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW015820.D

Acq: 08 Jul 2020 19:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

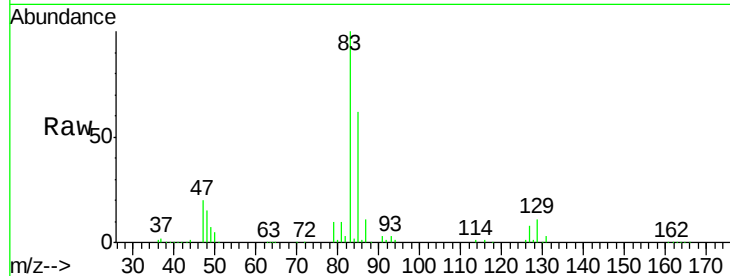
Tot Ion: 83 Resp: 145461

Ion Ratio Lower Upper

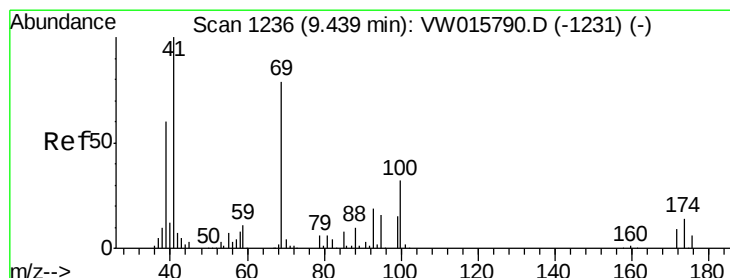
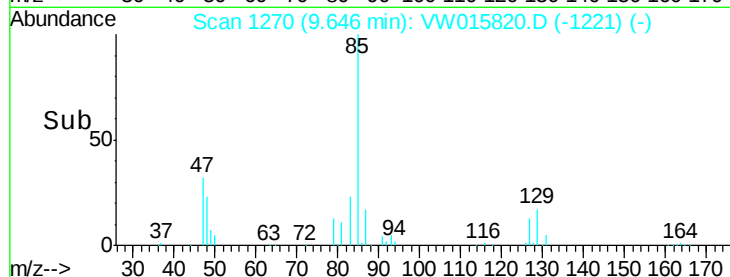
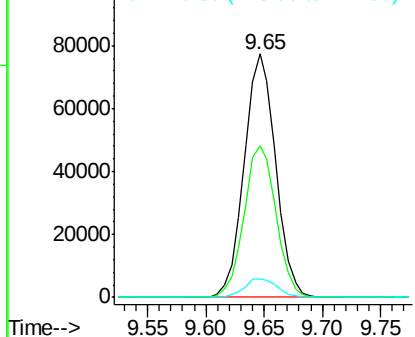
83 100

85 62.4 50.6 76.0

127 7.8 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 58.265 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW015820.D

Acq: 08 Jul 2020 19:51

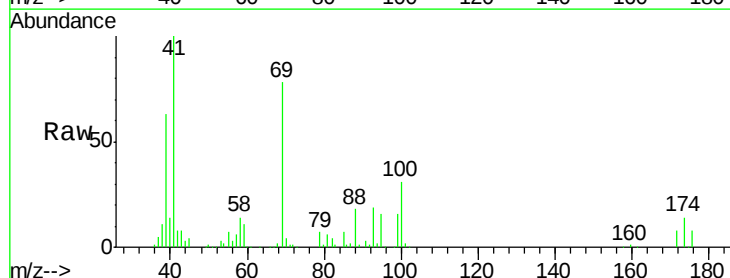
Tgt Ion: 41 Resp: 63493

Ion Ratio Lower Upper

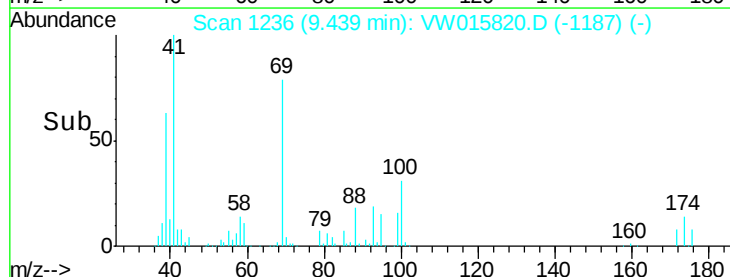
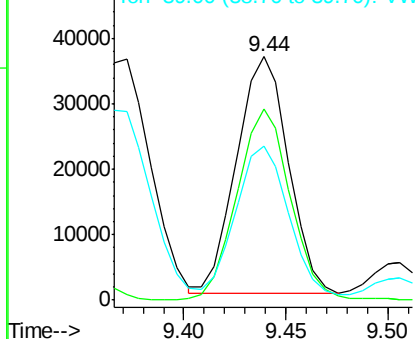
41 100

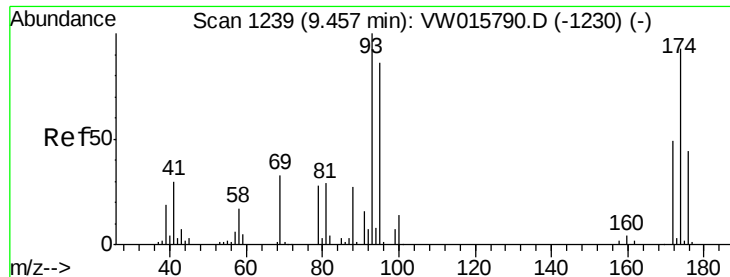
69 83.4 67.1 100.7

39 67.7 49.9 74.9



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW

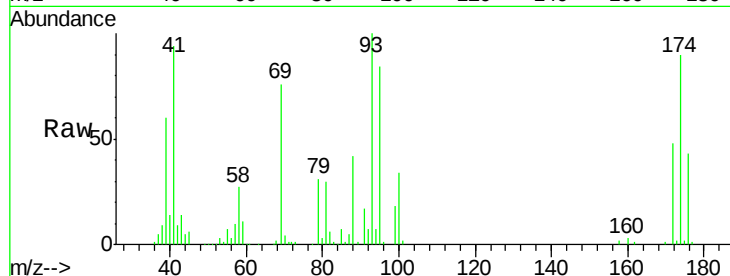




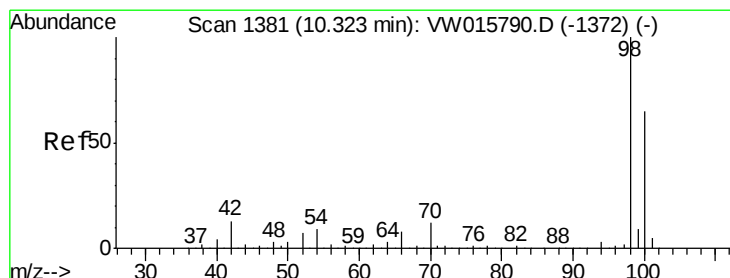
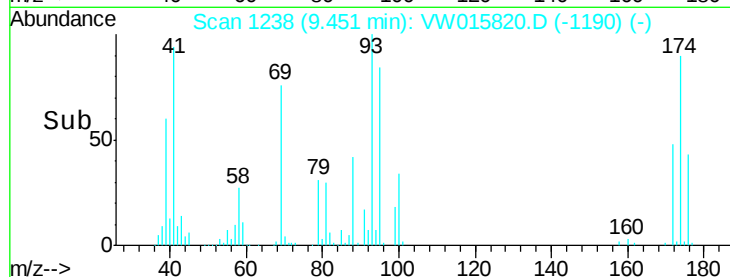
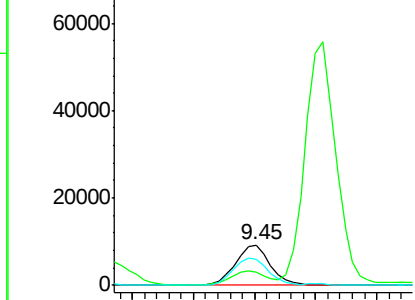
#49
1,4-Dioxane
Concen: 1352.135 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.01 min
Lab File: VW015820.D
Acq: 08 Jul 2020 19:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 18167
Ion Ratio Lower Upper
88 100
43 36.8 28.1 42.1
58 69.0 59.3 88.9

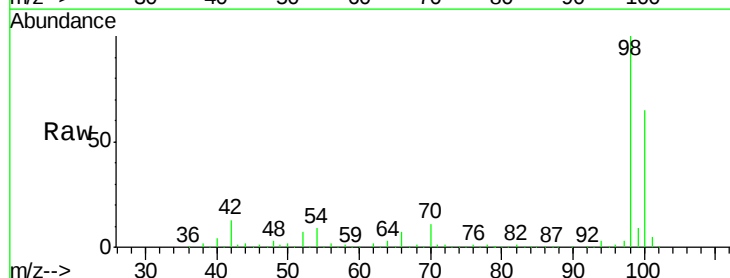


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

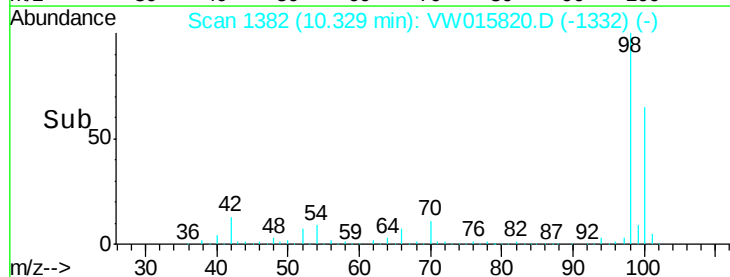
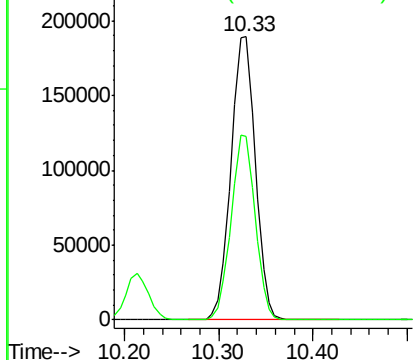


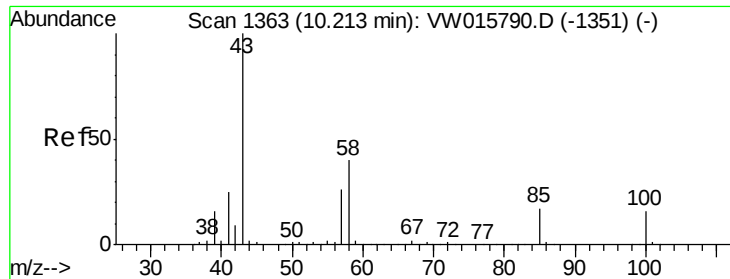
#50
Toluene-d8
Concen: 47.849 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW015820.D
Acq: 08 Jul 2020 19:51

Tgt Ion: 98 Resp: 341025
Ion Ratio Lower Upper
98 100
100 64.7 52.6 79.0



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





#51

4-Methyl-2-Pentanone

Concen: 292.569 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW015820.D

Acq: 08 Jul 2020 19:51

Instrument :

MSVOA_W

ClientSampleId :

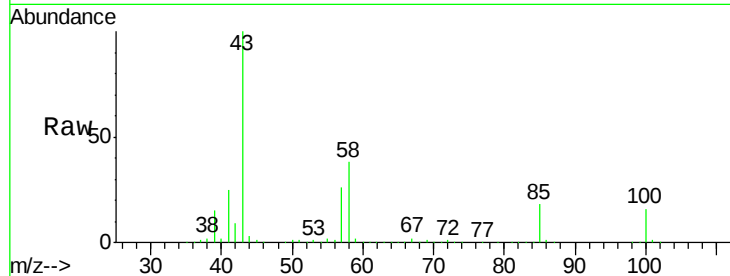
VSTDCCC050EC

Tot Ion: 43 Resp: 339469

Ion Ratio Lower Upper

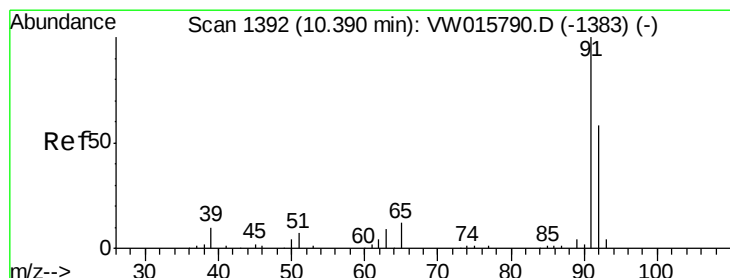
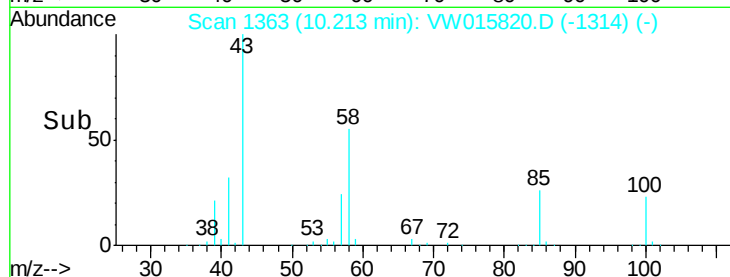
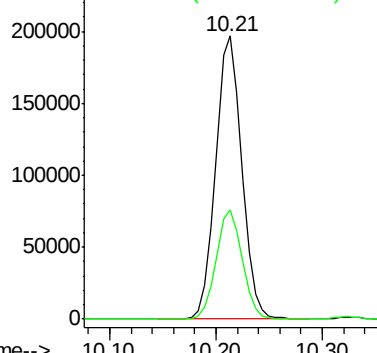
43 100

58 38.5 30.9 46.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 51.886 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015820.D

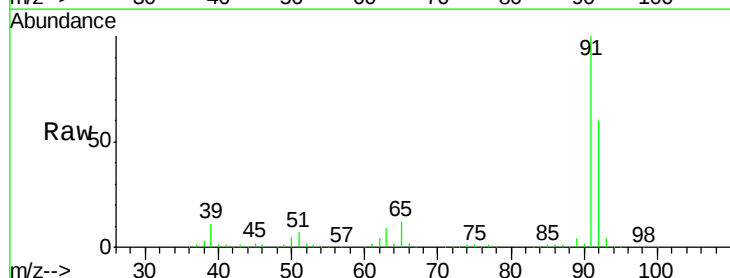
Acq: 08 Jul 2020 19:51

Tgt Ion: 92 Resp: 286744

Ion Ratio Lower Upper

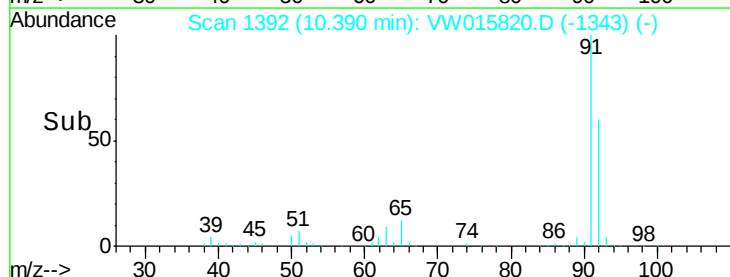
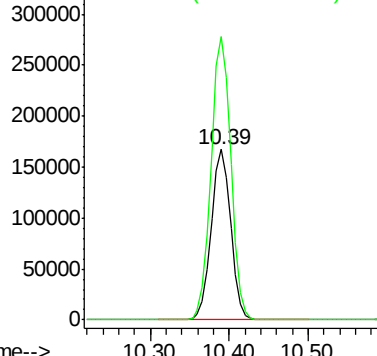
92 100

91 169.4 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

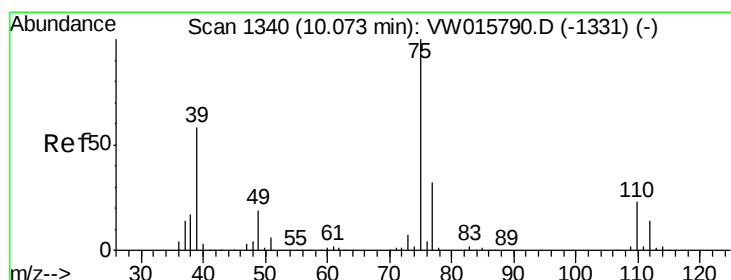
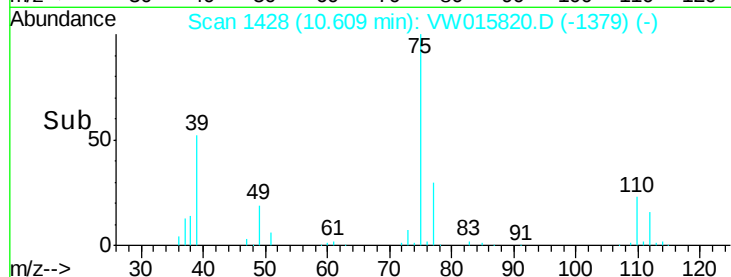
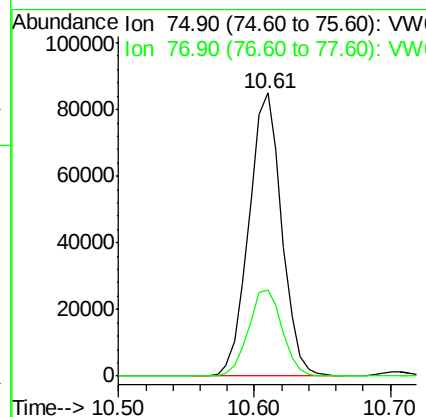
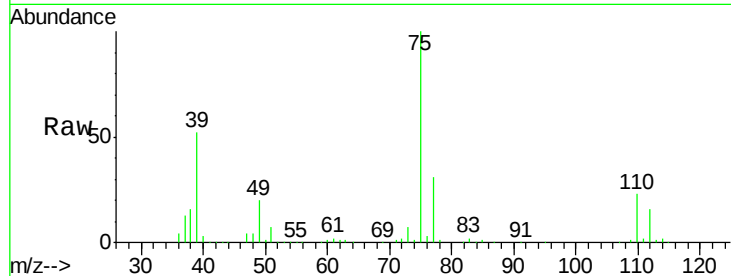




#53
 t-1,3-Dichloropropene
 Concen: 53.259 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW015820.D
 Acq: 08 Jul 2020 19:51

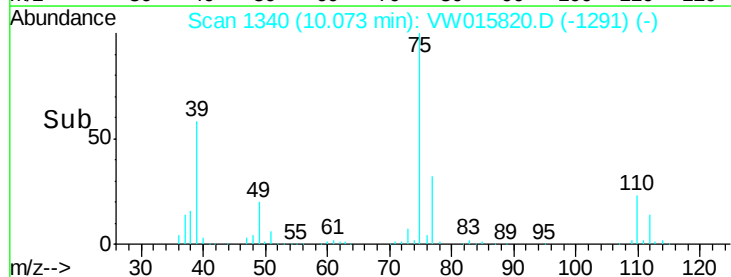
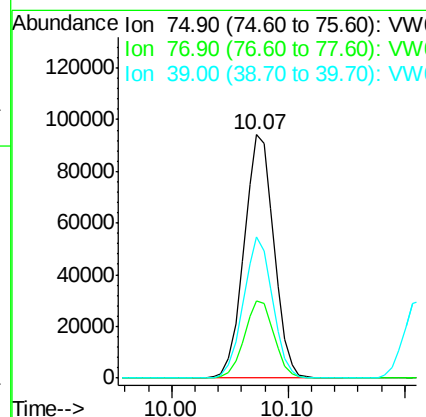
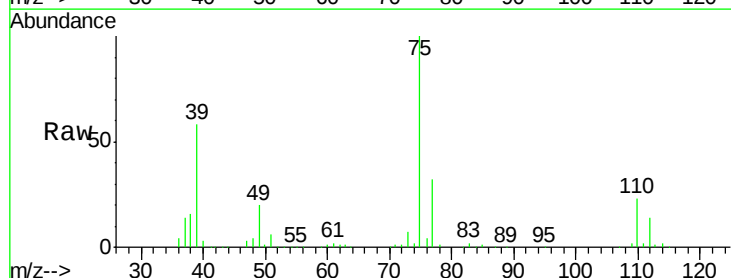
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

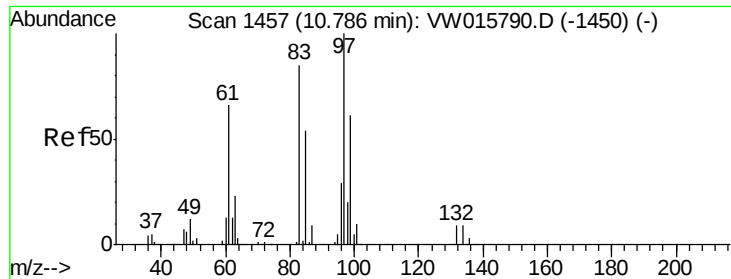
Tot Ion: 75 Resp: 143642
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 52.070 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW015820.D
 Acq: 08 Jul 2020 19:51

Tgt Ion: 75 Resp: 167988
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.2 37.8
 39 58.2 46.0 69.0





#55

1,1,2-Trichloroethane

Concen: 53.955 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW015820.D

Acq: 08 Jul 2020 19:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 81307

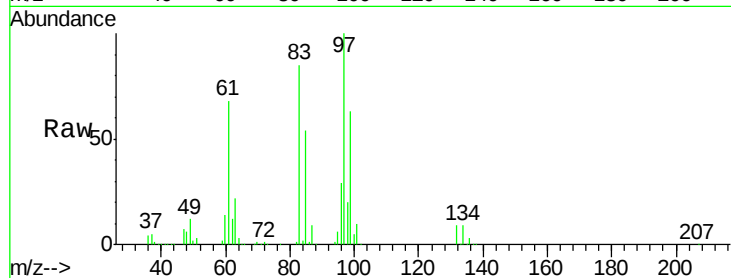
Ion Ratio Lower Upper

97 100

83 85.1 68.2 102.4

85 54.4 43.4 65.0

99 63.4 48.6 72.8

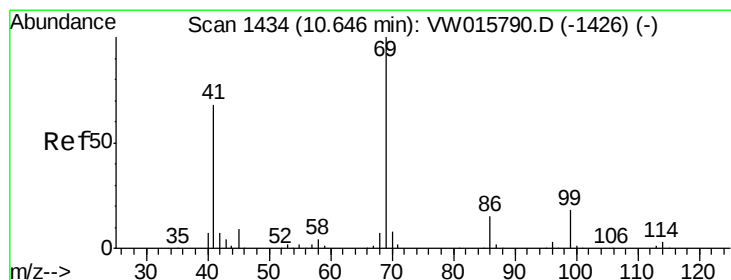
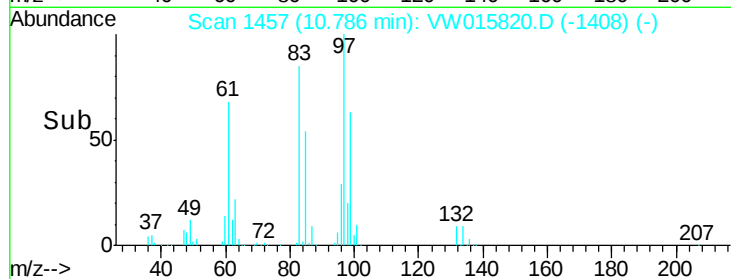
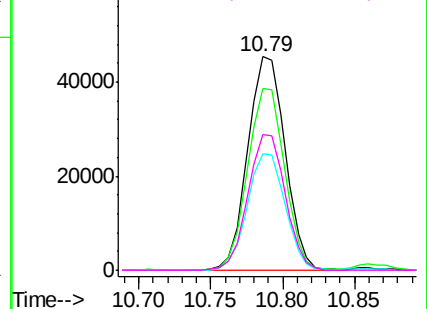


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 59.342 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW015820.D

Acq: 08 Jul 2020 19:51

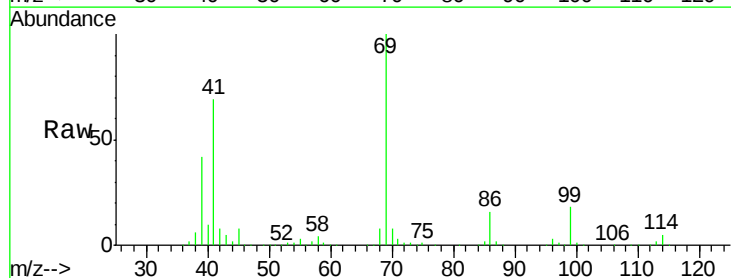
Tgt Ion: 69 Resp: 109940

Ion Ratio Lower Upper

69 100

41 70.4 55.0 82.6

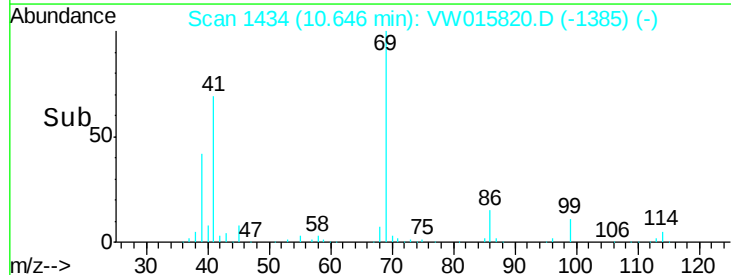
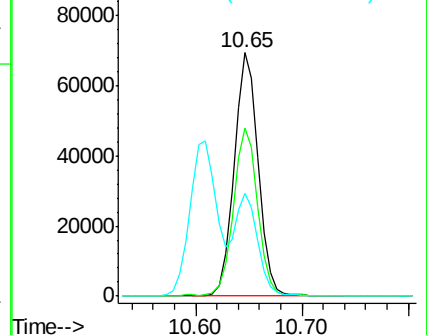
39 40.5 33.8 50.8

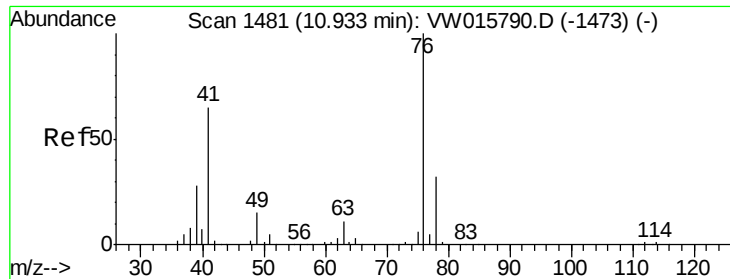


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

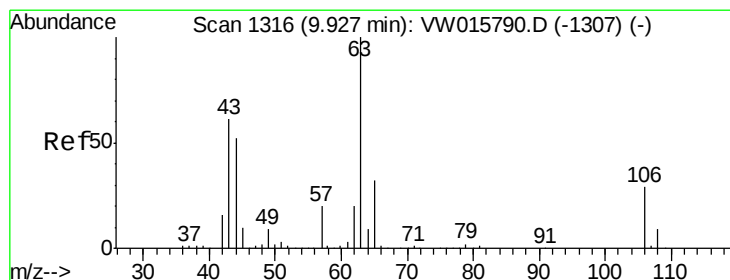
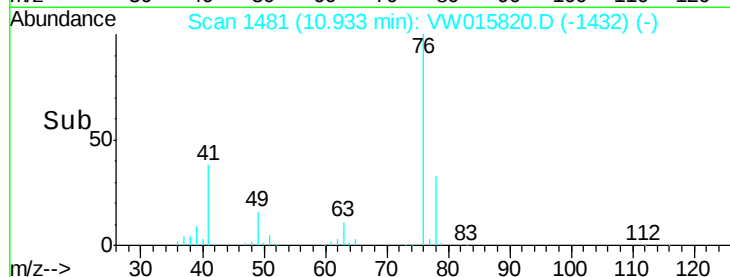
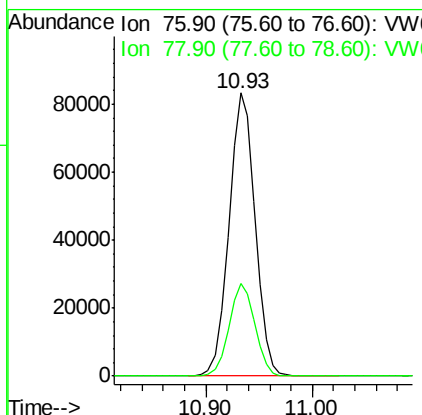
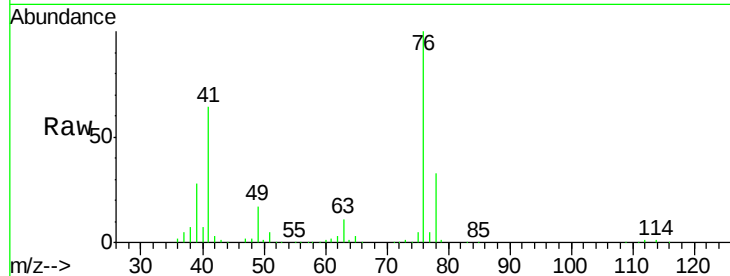




#57
 1,3-Dichloropropane
 Concen: 53.522 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW015820.D
 Acq: 08 Jul 2020 19:51

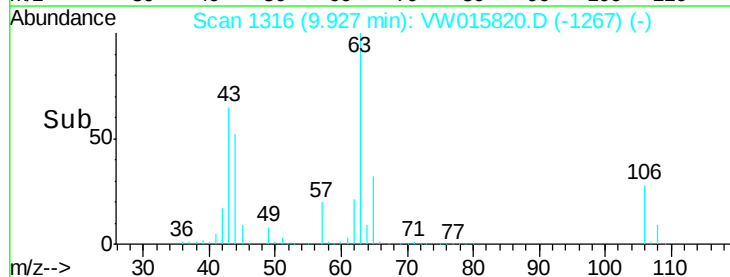
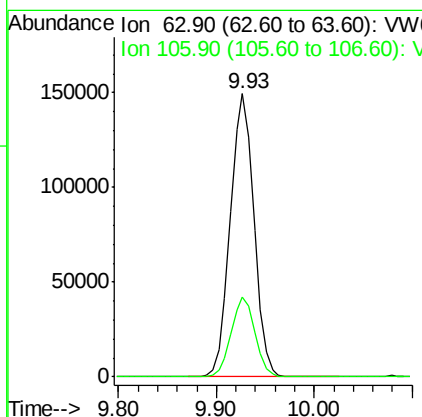
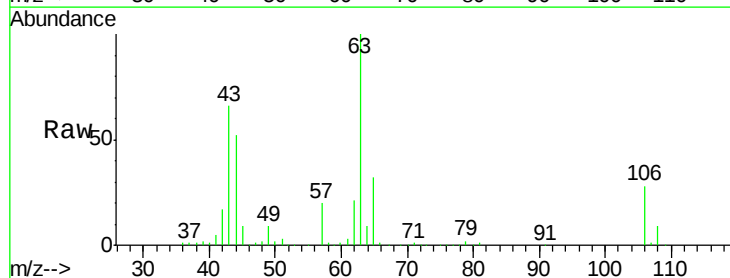
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

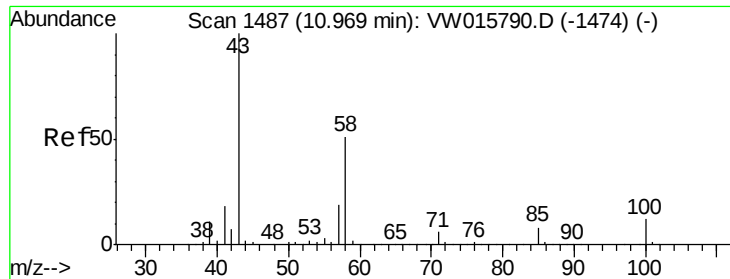
Tot Ion: 76 Resp: 142775
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 277.715 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW015820.D
 Acq: 08 Jul 2020 19:51

Tgt Ion: 63 Resp: 251399
 Ion Ratio Lower Upper
 63 100
 106 28.3 23.1 34.7

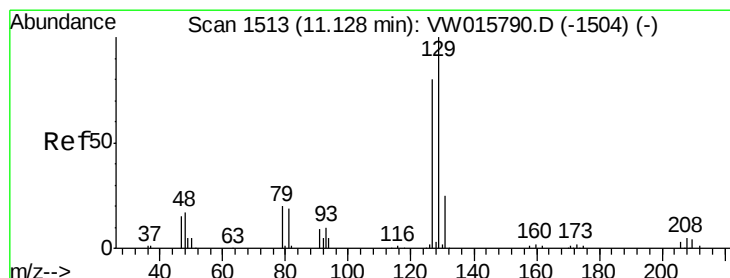
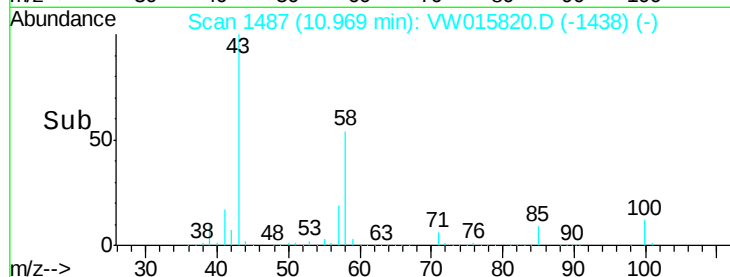
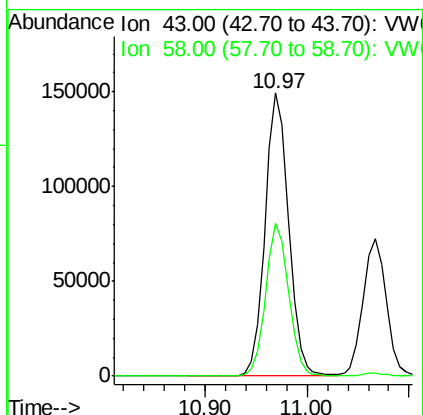
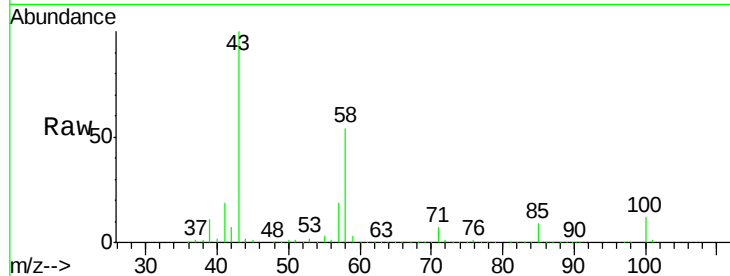




#59
2-Hexanone
Concen: 309.742 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW015820.D
Acq: 08 Jul 2020 19:51

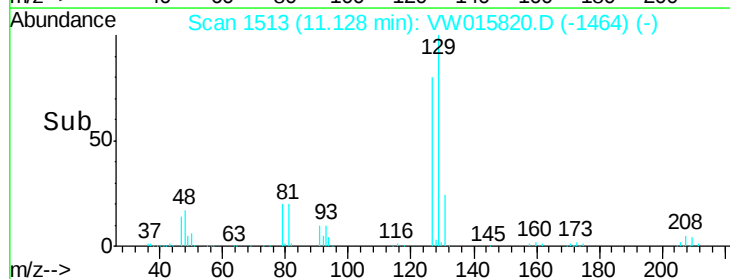
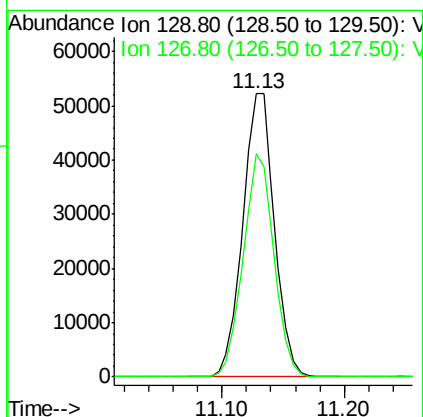
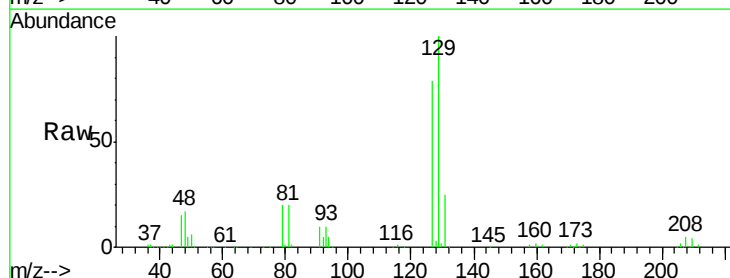
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

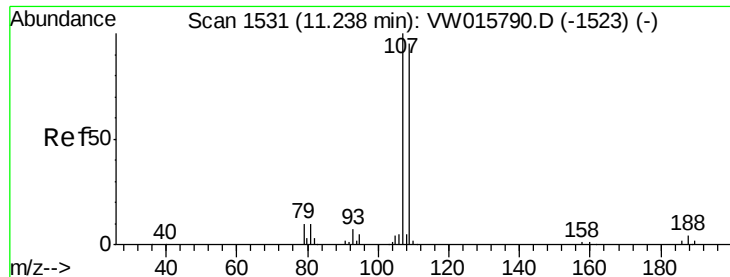
Tot Ion: 43 Resp: 239844
Ion Ratio Lower Upper
43 100
58 52.9 26.2 78.5



#60
Dibromochloromethane
Concen: 53.932 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW015820.D
Acq: 08 Jul 2020 19:51

Tgt Ion:129 Resp: 93863
Ion Ratio Lower Upper
129 100
127 76.3 39.4 118.1





#61

1,2-Dibromoethane

Concen: 53.518 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW015820.D

Acq: 08 Jul 2020 19:51

Instrument :

MSVOA_W

ClientSampleId :

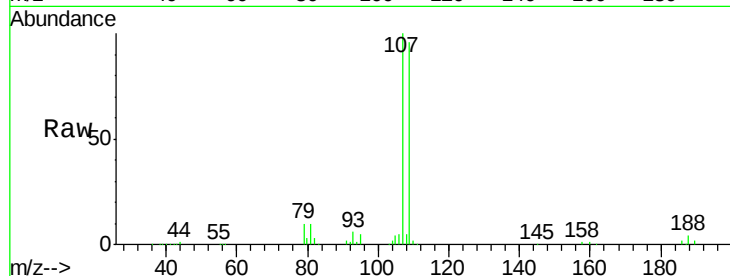
VSTDCCC050EC

Tot Ion:107 Resp: 77168

Ion Ratio Lower Upper

107 100

109 95.8 77.0 115.6

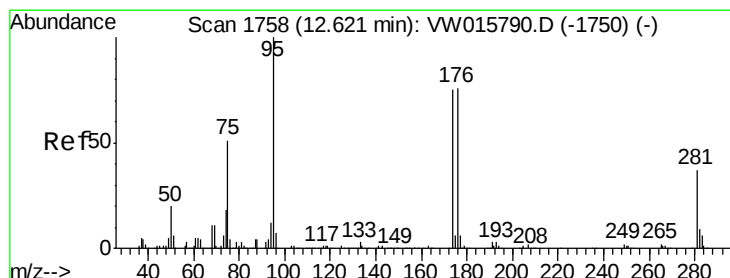
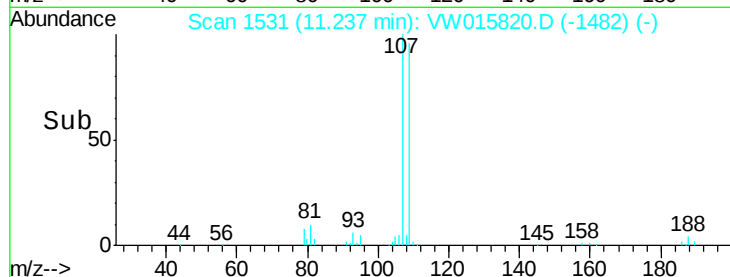


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

Time-->



#62

4-Bromofluorobenzene

Concen: 50.492 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW015820.D

Acq: 08 Jul 2020 19:51

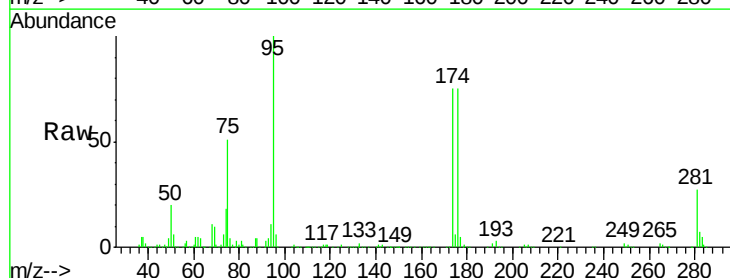
Tgt Ion: 95 Resp: 132051

Ion Ratio Lower Upper

95 100

174 76.7 0.0 150.2

176 73.1 0.0 148.4



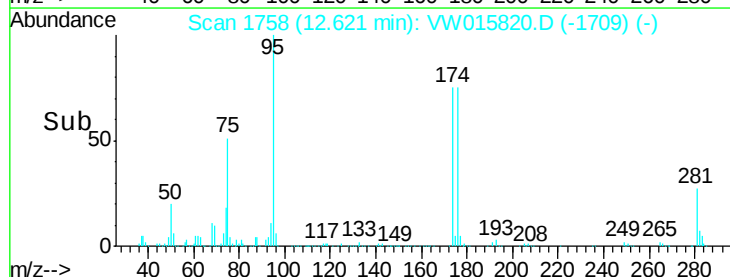
Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

Time-->

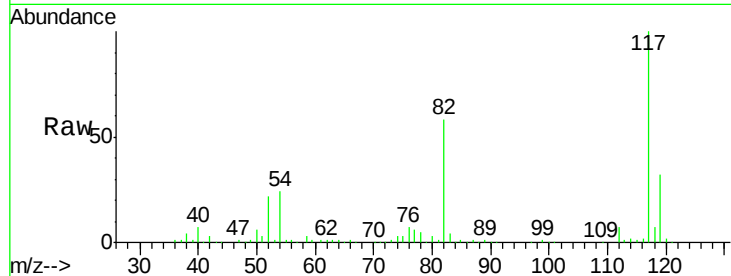




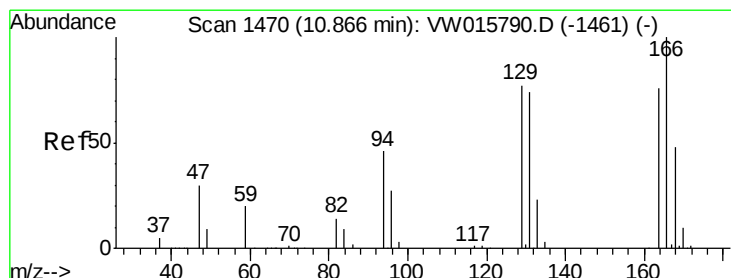
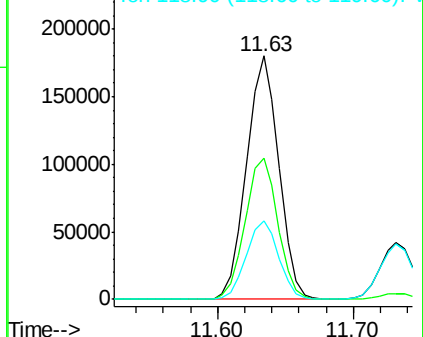
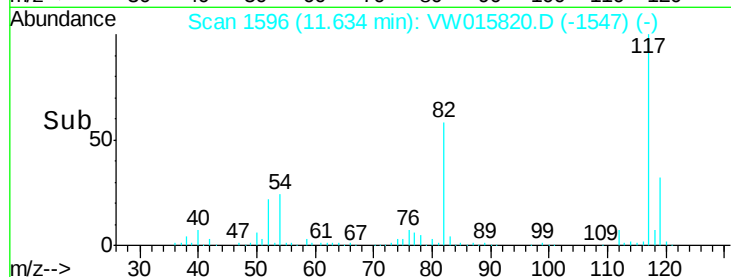
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015820.D
Acq: 08 Jul 2020 19:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 299132
Ion Ratio Lower Upper
117 100
82 58.0 45.5 68.3
119 32.1 25.0 37.6

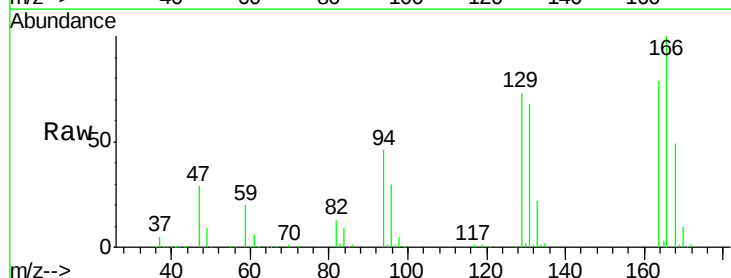


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

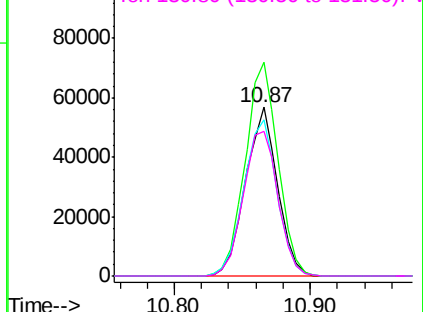
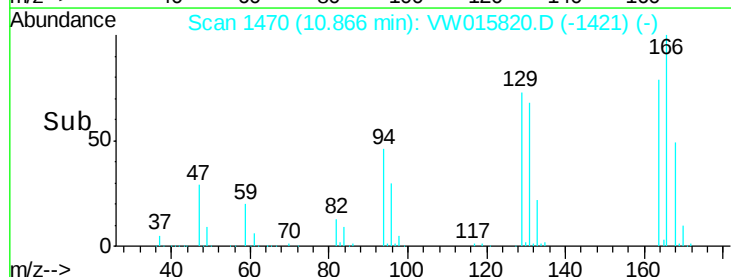


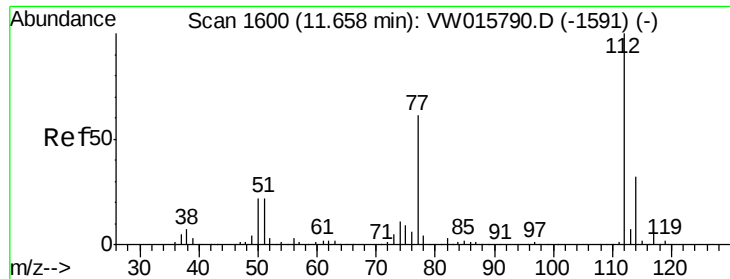
#64
Tetrachloroethene
Concen: 49.245 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW015820.D
Acq: 08 Jul 2020 19:51

Tgt Ion:164 Resp: 93222
Ion Ratio Lower Upper
164 100
166 126.8 105.1 157.7
129 92.4 80.6 121.0
131 85.9 77.8 116.6



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

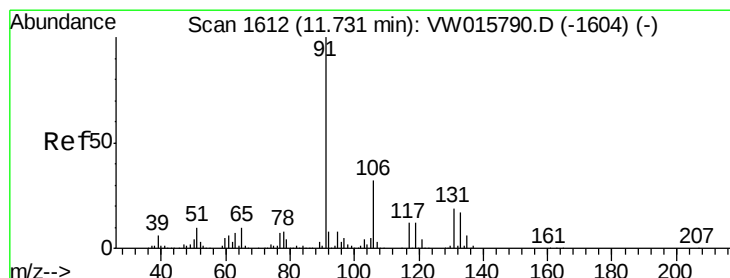
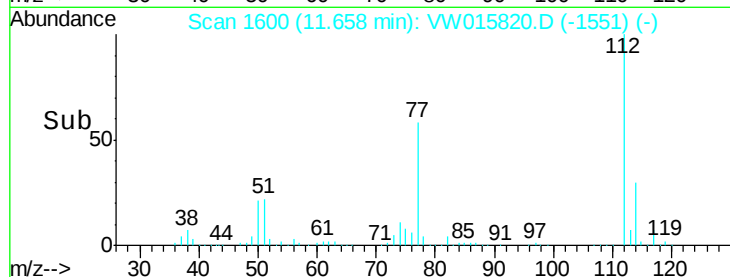
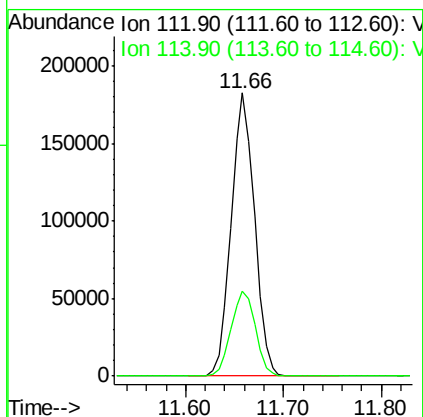
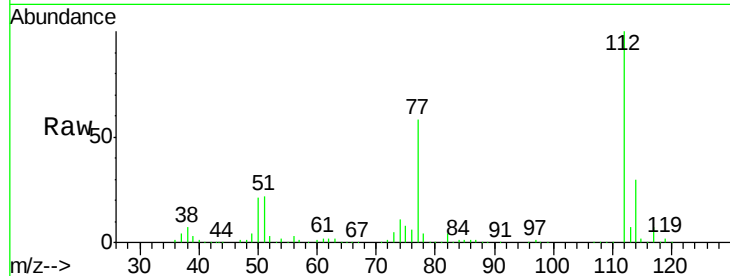




#65
Chlorobenzene
Concen: 51.468 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW015820.D
Acq: 08 Jul 2020 19:51

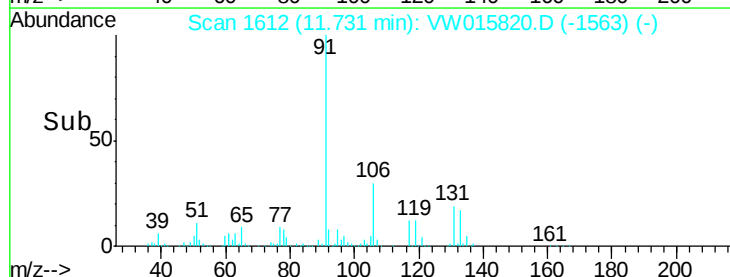
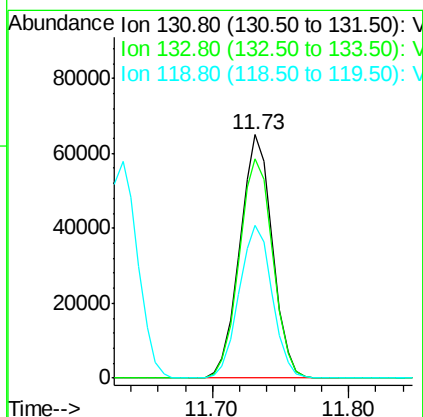
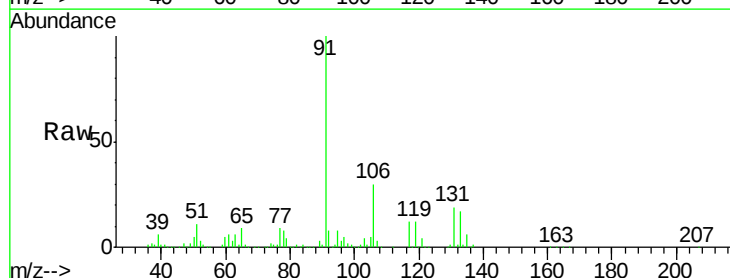
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

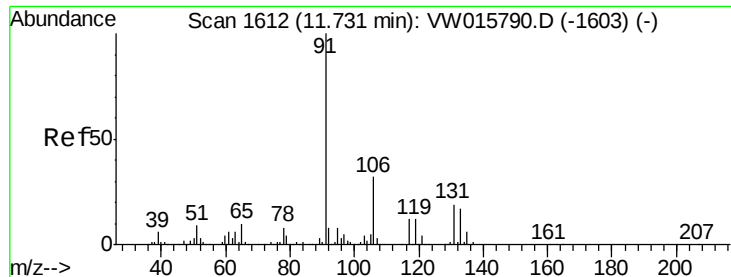
Tot Ion:112 Resp: 301083
Ion Ratio Lower Upper
112 100
114 30.2 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 52.313 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015820.D
Acq: 08 Jul 2020 19:51

Tgt Ion:131 Resp: 108295
Ion Ratio Lower Upper
131 100
133 93.2 47.0 141.2
119 63.8 32.3 96.8

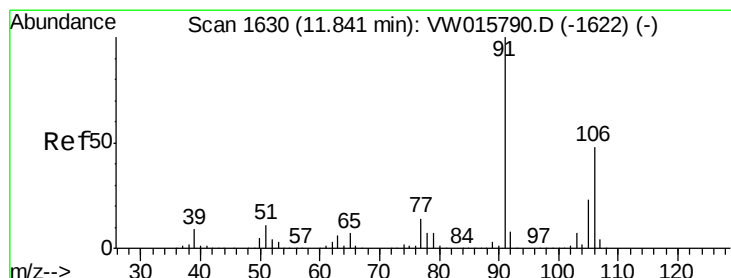
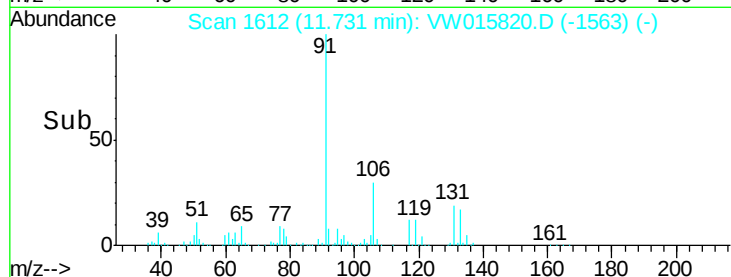
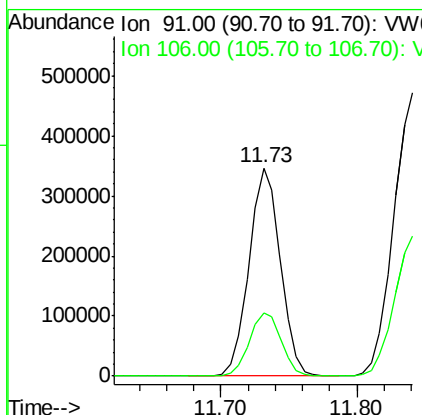
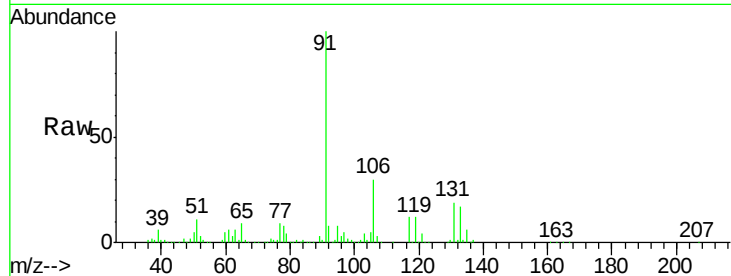




#67
Ethyl Benzene
Concen: 51.644 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015820.D
Acq: 08 Jul 2020 19:51

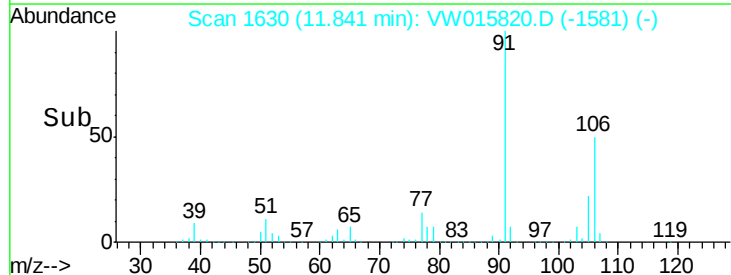
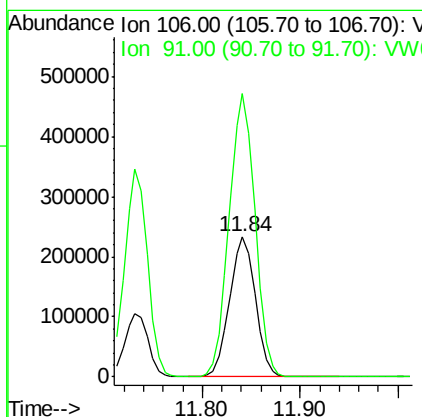
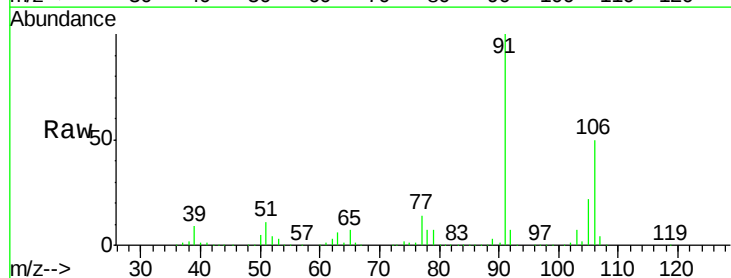
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

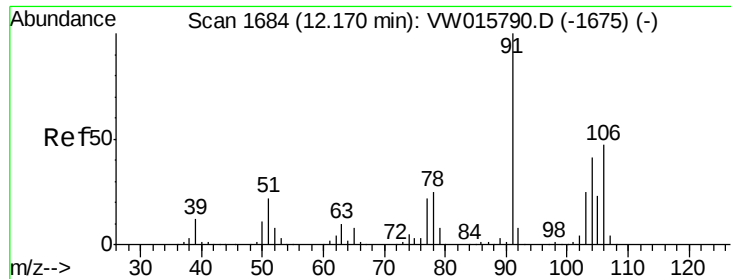
Tot Ion: 91 Resp: 559473
Ion Ratio Lower Upper
91 100
106 30.1 25.8 38.8



#68
m/p-Xylenes
Concen: 104.566 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW015820.D
Acq: 08 Jul 2020 19:51

Tgt Ion: 106 Resp: 425528
Ion Ratio Lower Upper
106 100
91 203.4 164.1 246.1

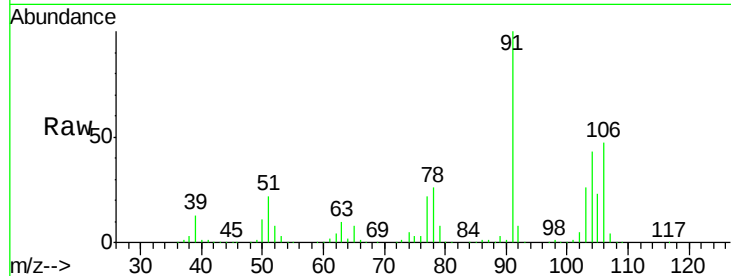




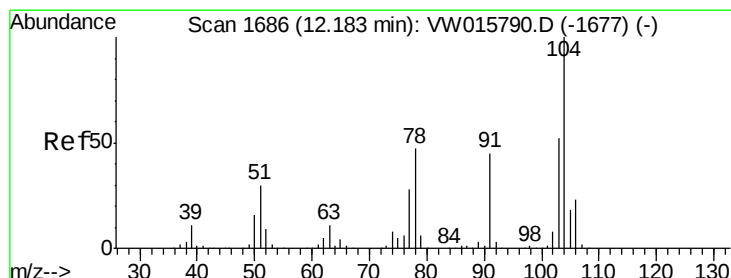
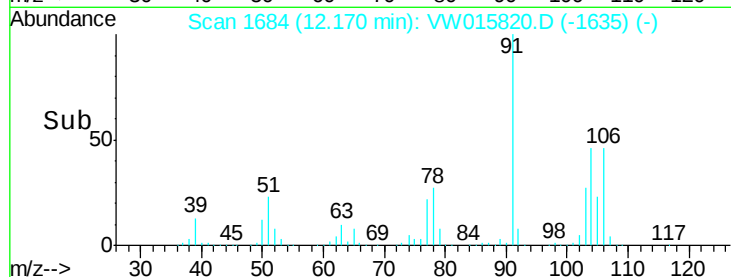
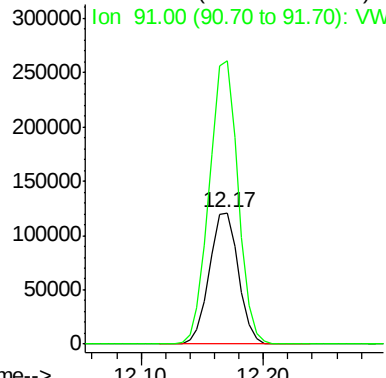
#69
o-Xylene
Concen: 53.560 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW015820.D
Acq: 08 Jul 2020 19:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 198956
Ion Ratio Lower Upper
106 100
91 214.2 108.5 325.3

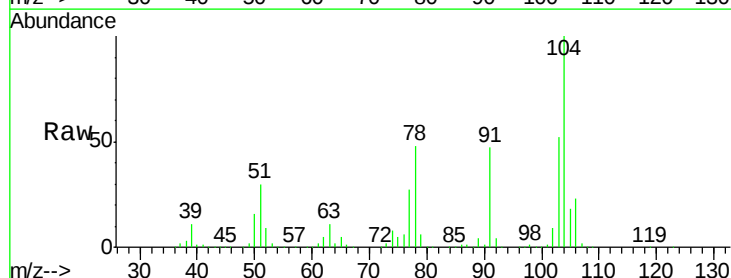


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

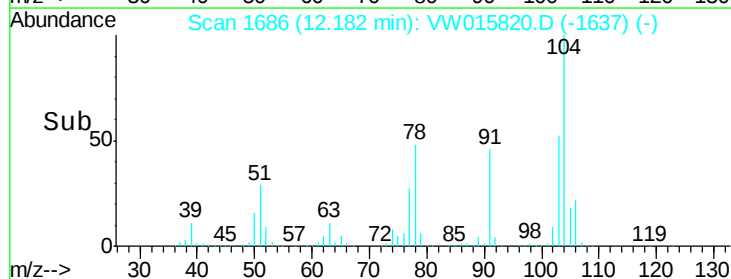
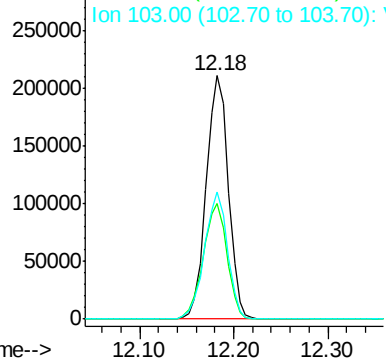


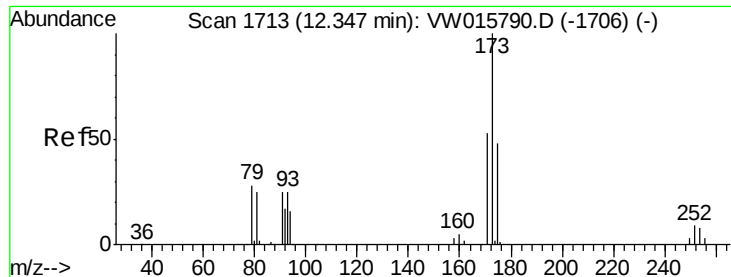
#70
Styrene
Concen: 53.697 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW015820.D
Acq: 08 Jul 2020 19:51

Tgt Ion:104 Resp: 343208
Ion Ratio Lower Upper
104 100
78 51.2 41.0 61.4
103 54.5 43.8 65.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 56.275 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW015820.D

Acq: 08 Jul 2020 19:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

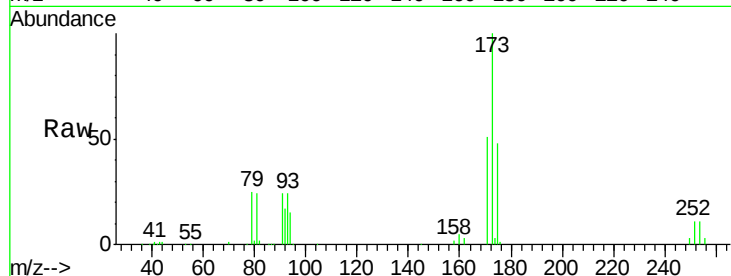
Tot Ion:173 Resp: 53174

Ion Ratio Lower Upper

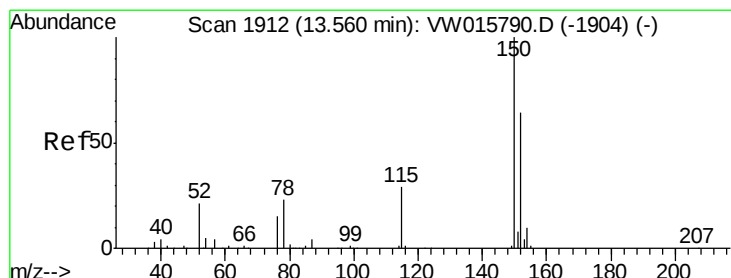
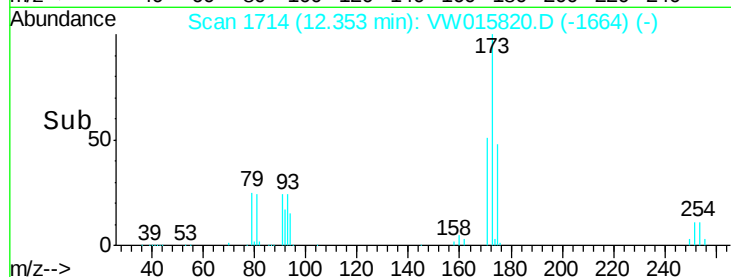
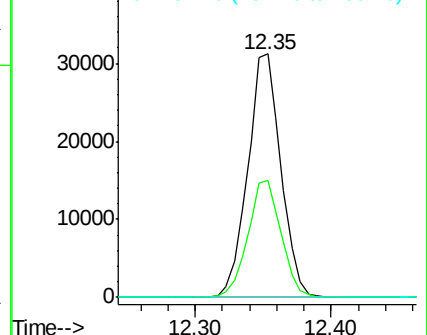
173 100

175 48.0 23.5 70.5

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW015820.D

Acq: 08 Jul 2020 19:51

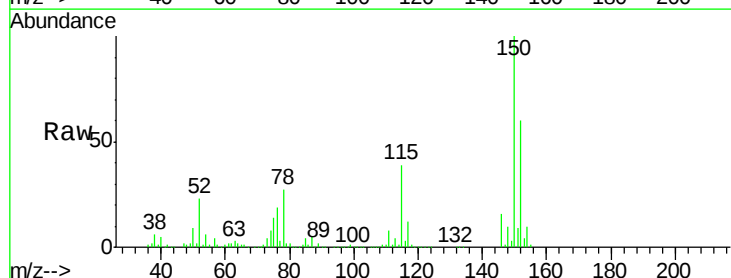
Tgt Ion:152 Resp: 153429

Ion Ratio Lower Upper

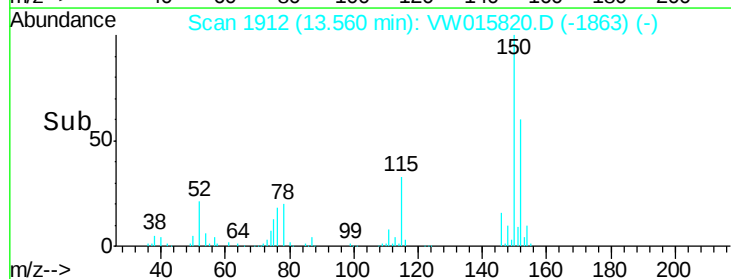
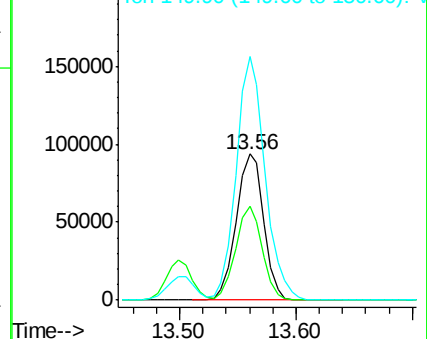
152 100

115 61.5 29.9 89.7

150 175.6 0.0 350.8



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





#73

Isopropylbenzene

Concen: 51.642 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW015820.D

Acq: 08 Jul 2020 19:51

Instrument :

MSVOA_W

ClientSampleId :

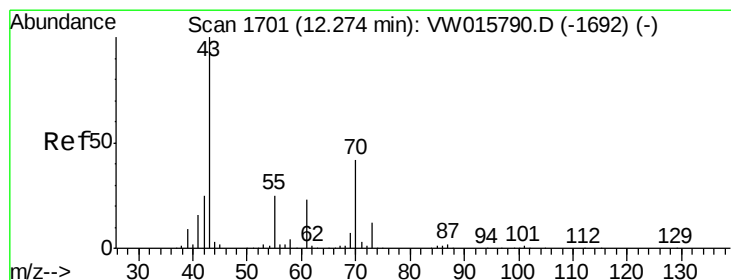
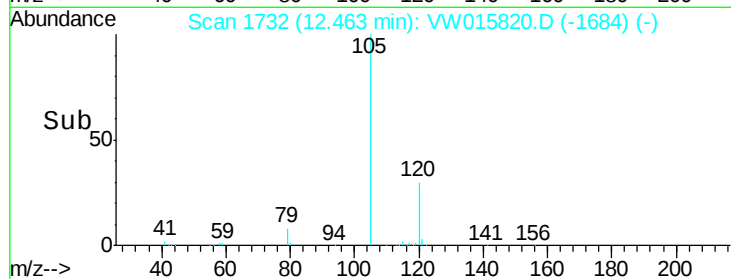
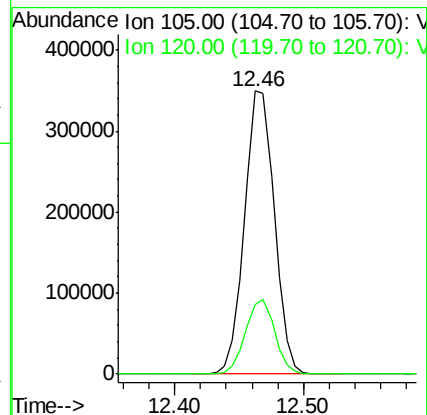
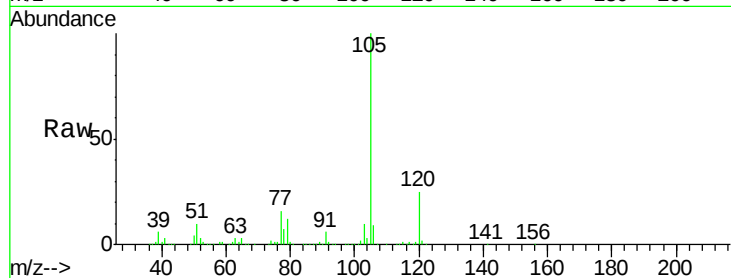
VSTDCCC050EC

Tot Ion:105 Resp: 558199

Ion Ratio Lower Upper

105 100

120 25.9 13.2 39.6



#74

N-ethyl acetate

Concen: 57.179 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW015820.D

Acq: 08 Jul 2020 19:51

Tgt Ion: 43 Resp: 132227

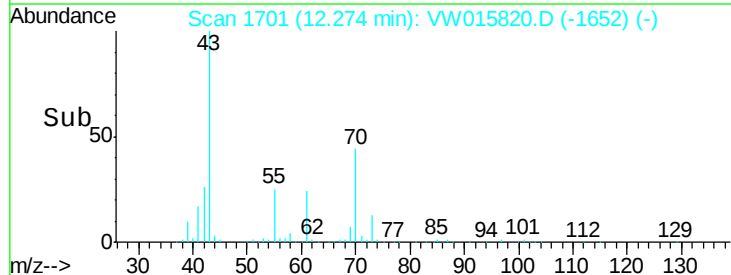
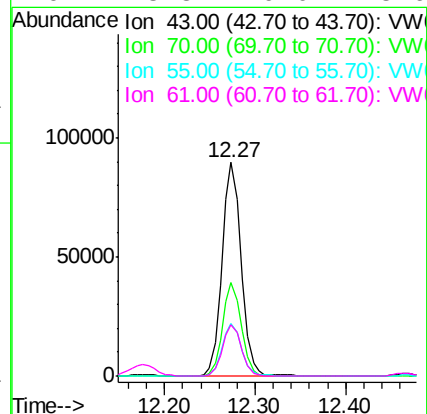
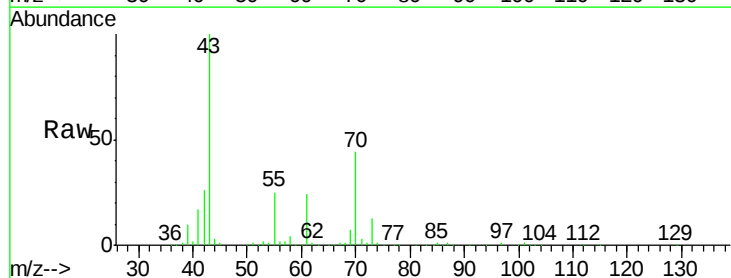
Ion Ratio Lower Upper

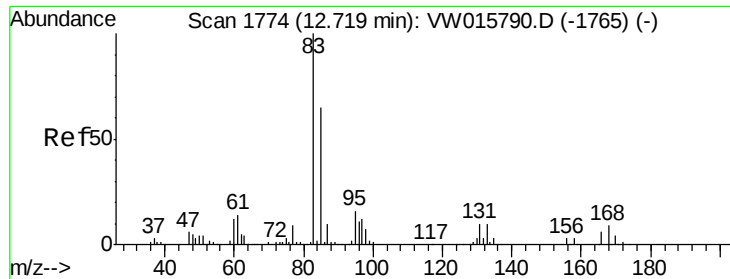
43 100

70 43.2 34.1 51.1

55 25.2 20.0 30.0

61 23.8 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 54.280 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW015820.D

Acq: 08 Jul 2020 19:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

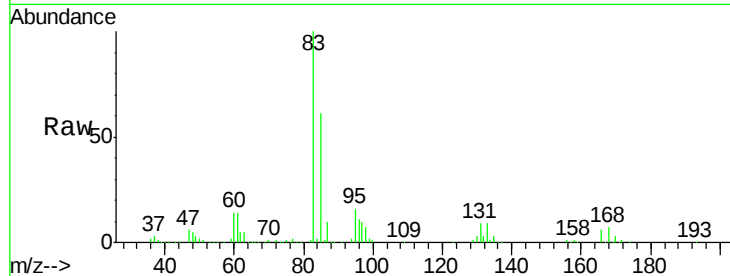
Tot Ion: 83 Resp: 97487

Ion Ratio Lower Upper

83 100

131 10.3 5.3 16.1

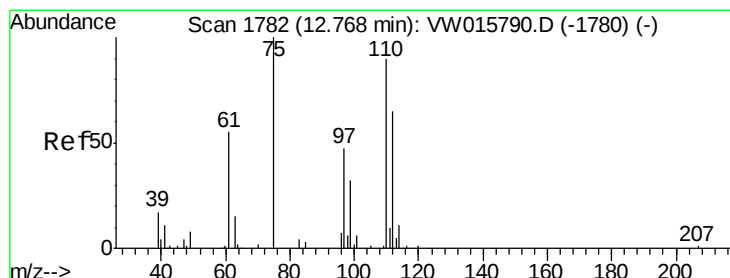
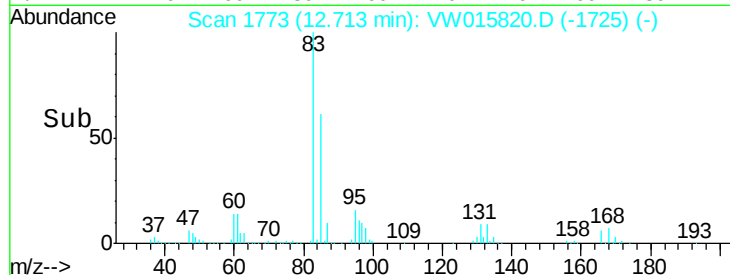
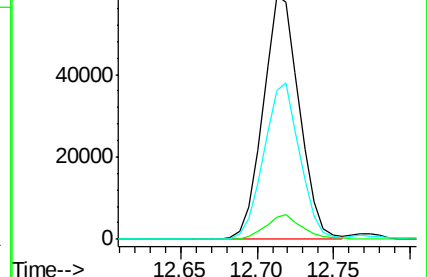
85 63.8 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 93.779 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW015820.D

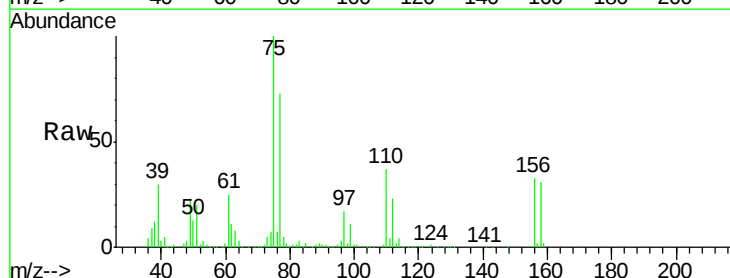
Acq: 08 Jul 2020 19:51

Tgt Ion: 75 Resp: 126455

Ion Ratio Lower Upper

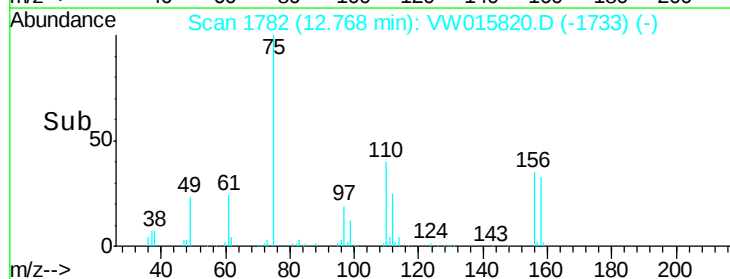
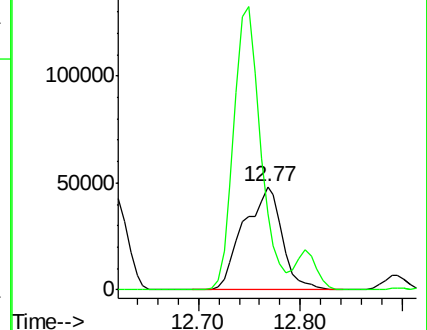
75 100

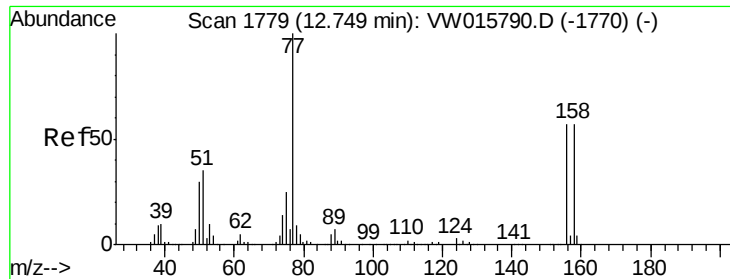
77 191.8 177.3 532.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 50.552 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW015820.D

Acq: 08 Jul 2020 19:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

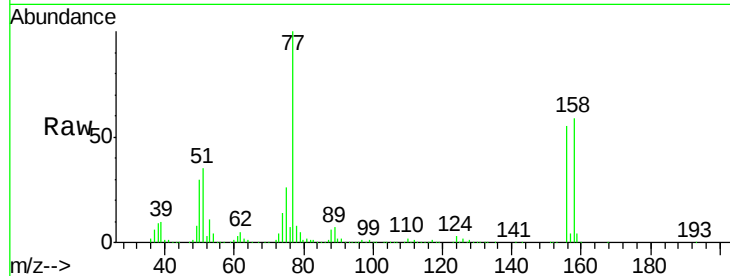
Tot Ion:156 Resp: 122522

Ion Ratio Lower Upper

156 100

77 197.9 98.8 296.4

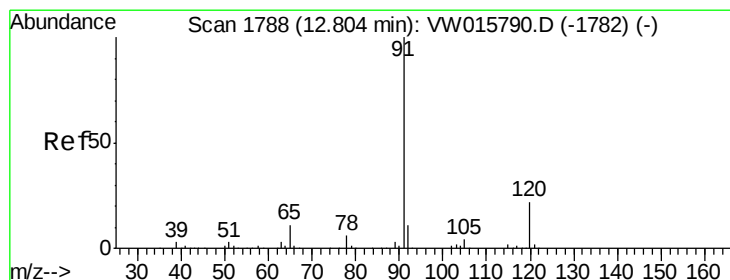
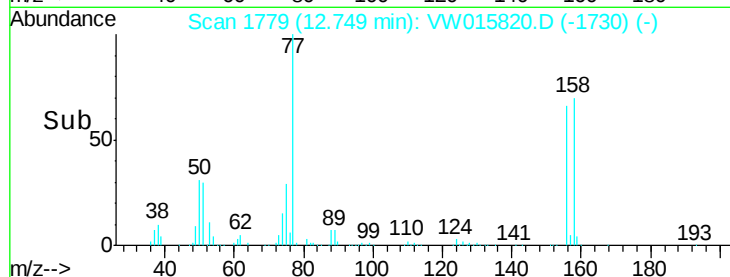
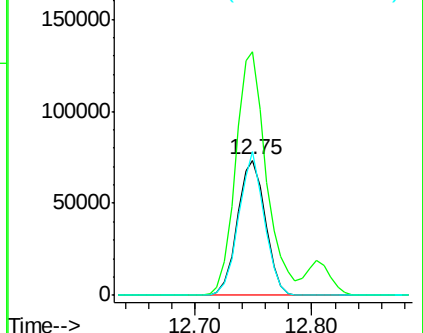
158 97.2 50.0 149.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.439 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW015820.D

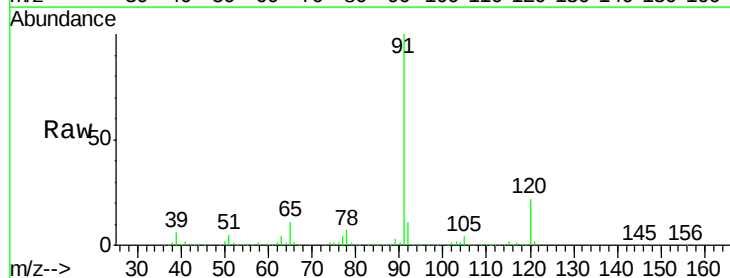
Acq: 08 Jul 2020 19:51

Tgt Ion: 91 Resp: 674875

Ion Ratio Lower Upper

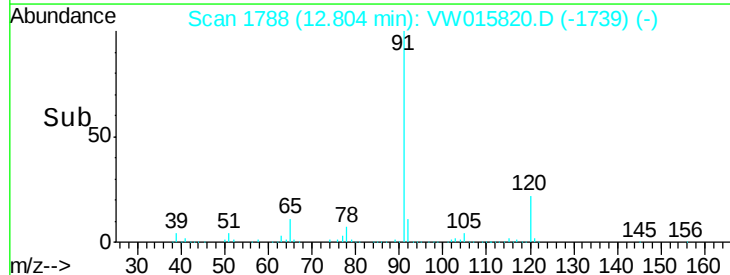
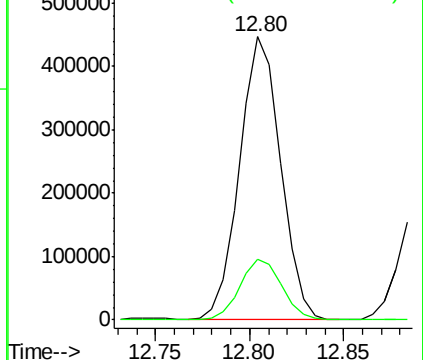
91 100

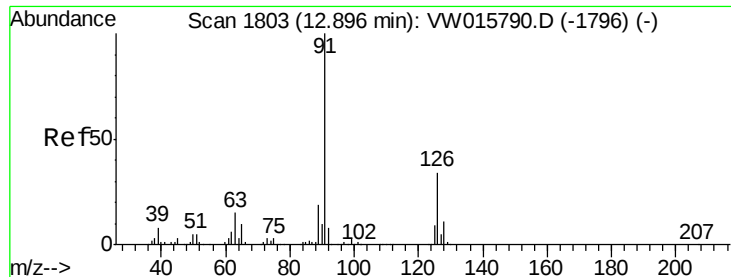
120 21.9 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.001 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW015820.D

Acq: 08 Jul 2020 19:51

Instrument :

MSVOA_W

ClientSampleId :

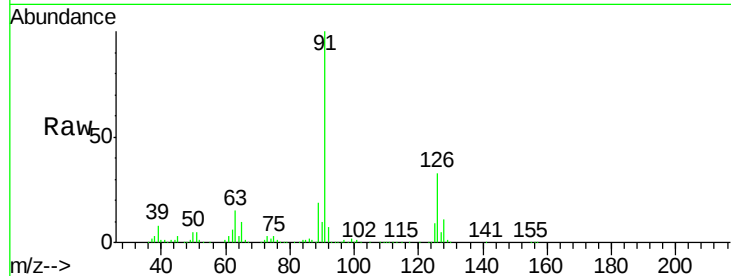
VSTDCCC050EC

Tot Ion: 91 Resp: 381580

Ion Ratio Lower Upper

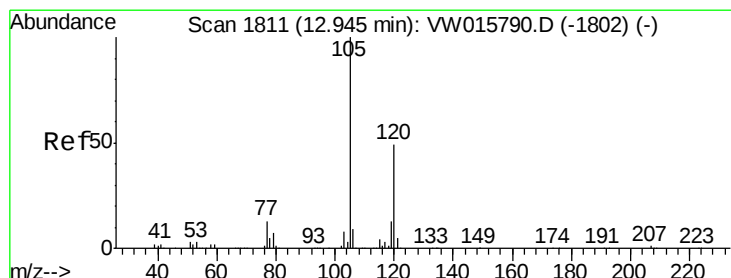
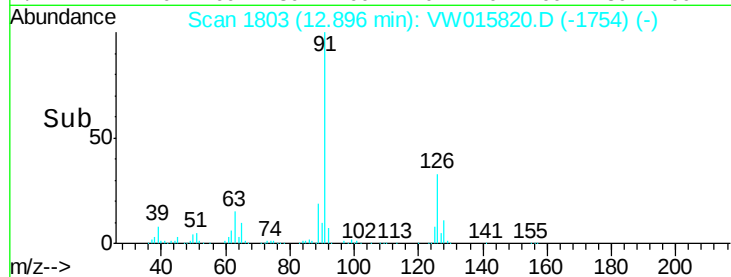
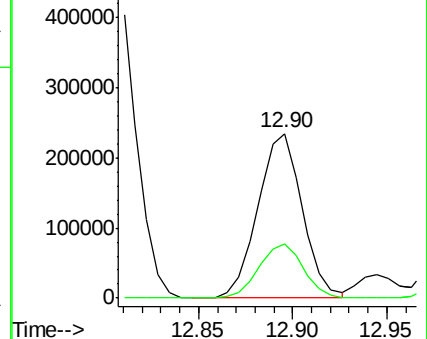
91 100

126 32.8 16.5 49.5



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: 51.211 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW015820.D

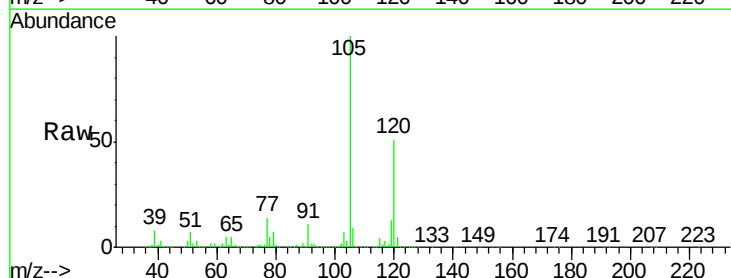
Acq: 08 Jul 2020 19:51

Tgt Ion: 105 Resp: 471782

Ion Ratio Lower Upper

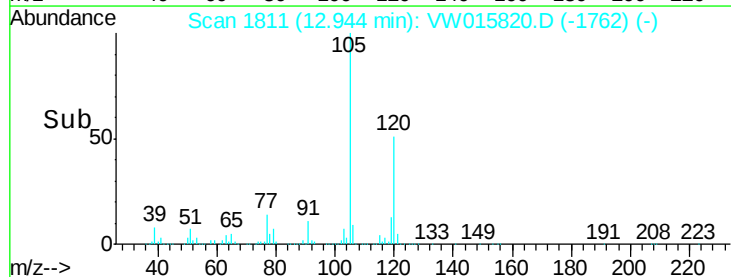
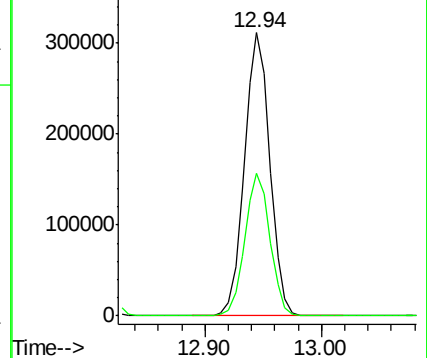
105 100

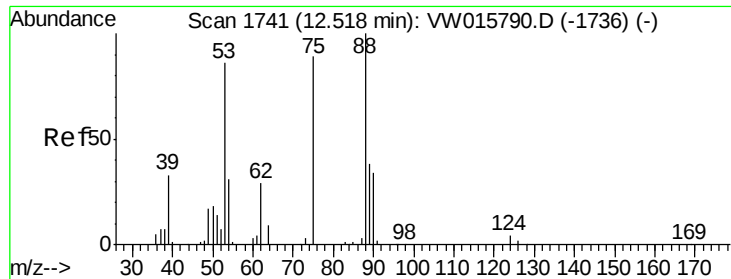
120 50.0 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

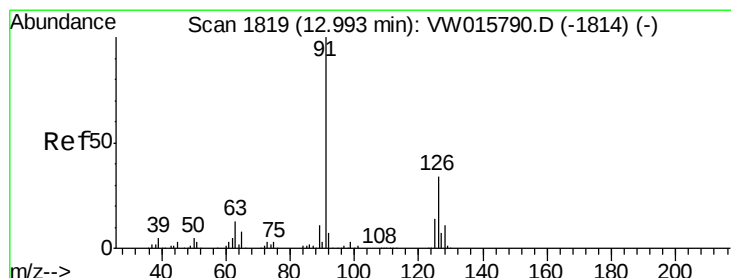
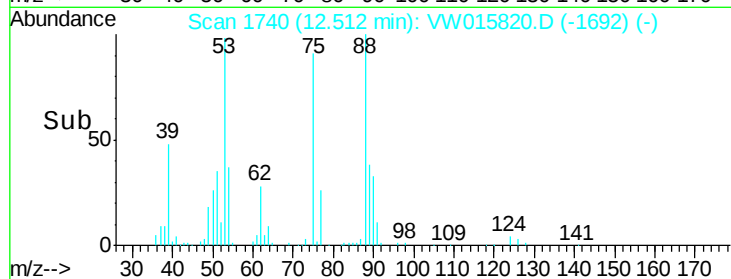
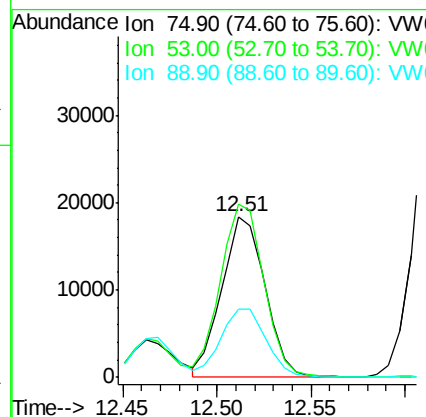
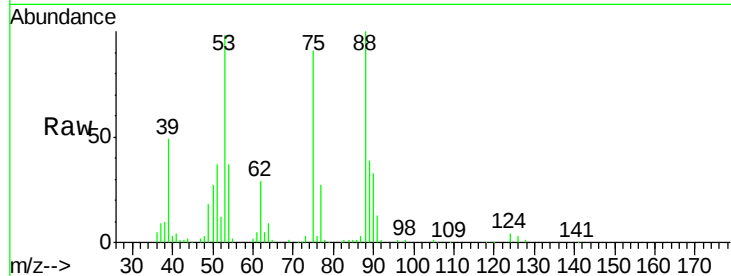




#81
trans-1,4-Dichloro-2-butene
Concen: 48.721 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW015820.D
Acq: 08 Jul 2020 19:51

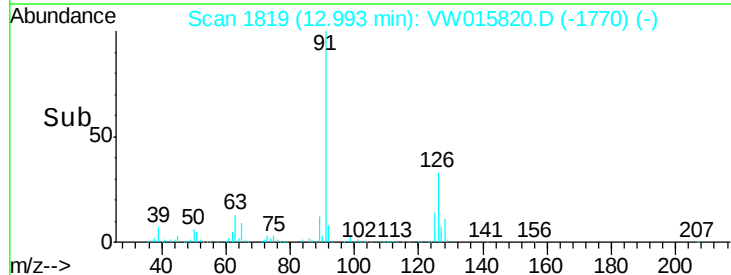
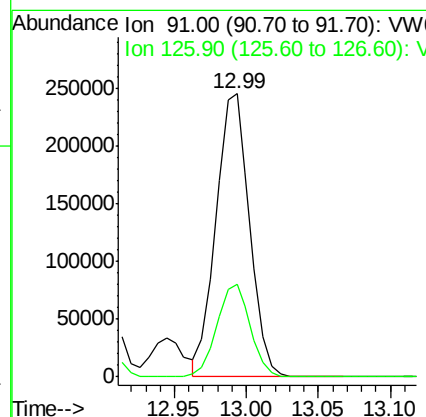
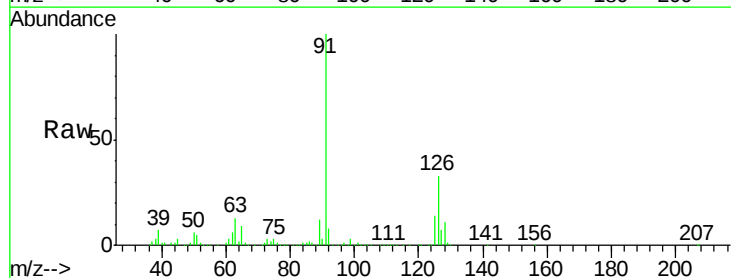
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

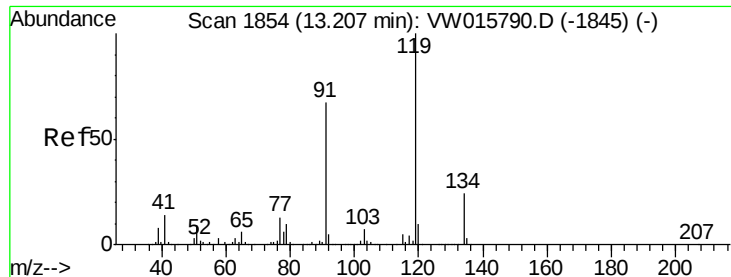
Tot Ion: 75 Resp: 28911
Ion Ratio Lower Upper
75 100
53 110.6 85.9 128.9
89 45.2 36.2 54.4



#82
4-Chlorotoluene
Concen: 51.083 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW015820.D
Acq: 08 Jul 2020 19:51

Tgt Ion: 91 Resp: 399115
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.9

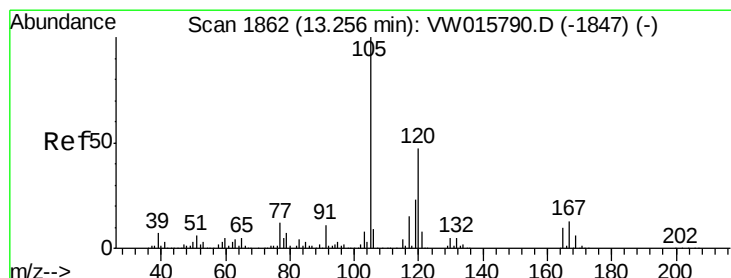
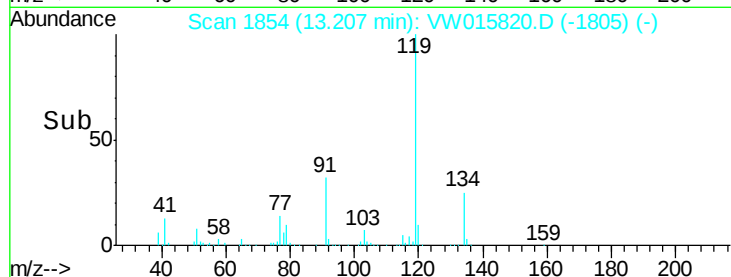
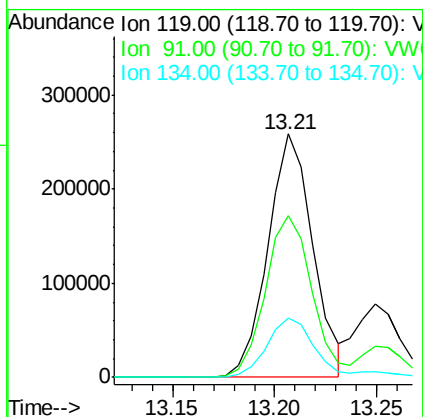
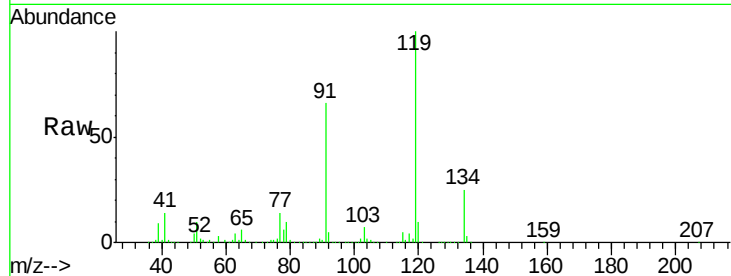




#83
tert-Butylbenzene
Concen: 52.007 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW015820.D
Acq: 08 Jul 2020 19:51

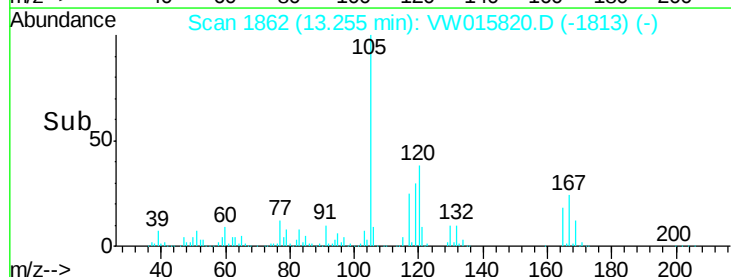
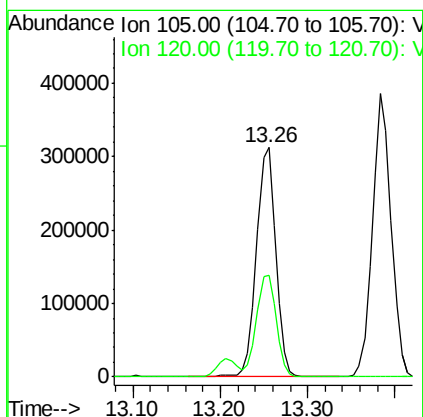
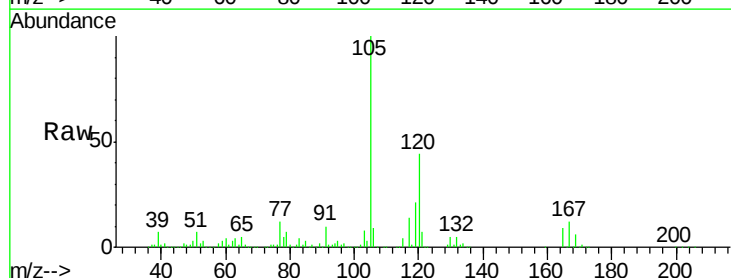
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

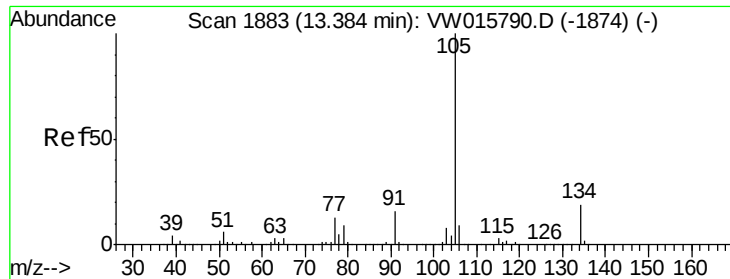
Tot Ion:119 Resp: 397755
Ion Ratio Lower Upper
119 100
91 68.8 34.4 103.3
134 25.3 13.6 40.7



#84
1,2,4-Trimethylbenzene
Concen: 52.053 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW015820.D
Acq: 08 Jul 2020 19:51

Tgt Ion:105 Resp: 478894
Ion Ratio Lower Upper
105 100
120 45.4 22.8 68.4





#85

sec-Butylbenzene

Concen: 51.866 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW015820.D

Acq: 08 Jul 2020 19:51

Instrument :

MSVOA_W

ClientSampleId :

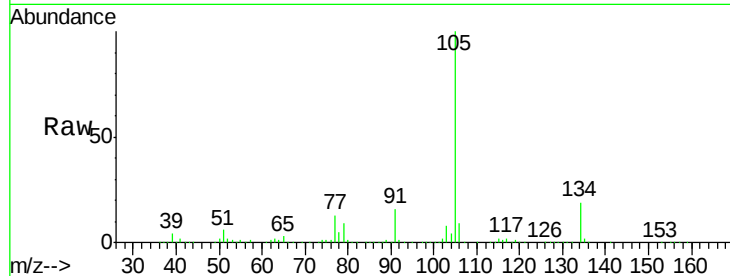
VSTDCCC050EC

Tot Ion:105 Resp: 572881

Ion Ratio Lower Upper

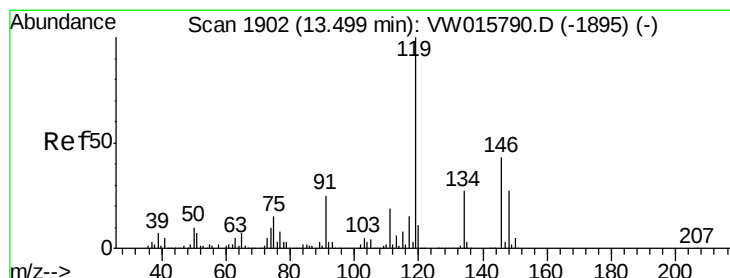
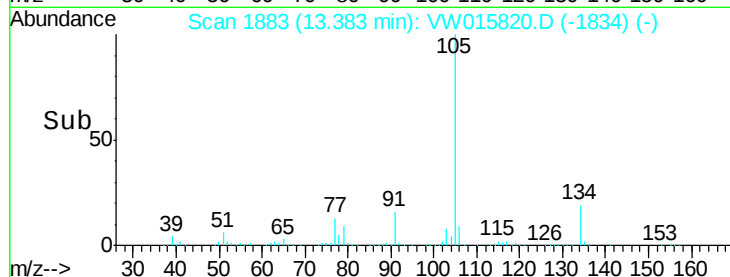
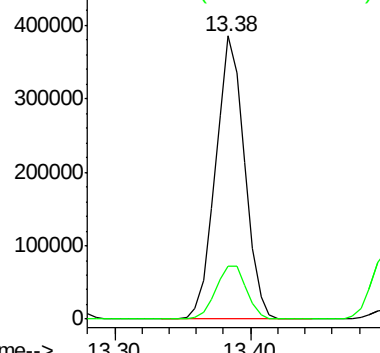
105 100

134 20.2 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.662 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW015820.D

Acq: 08 Jul 2020 19:51

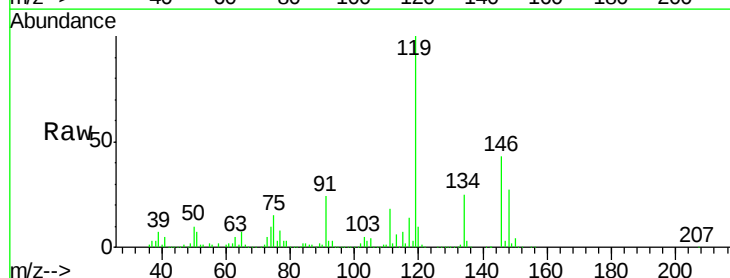
Tgt Ion:119 Resp: 521075

Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.6

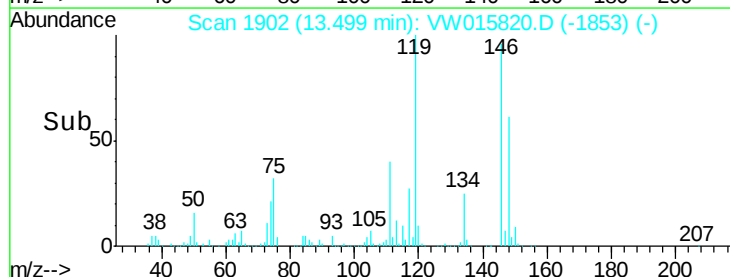
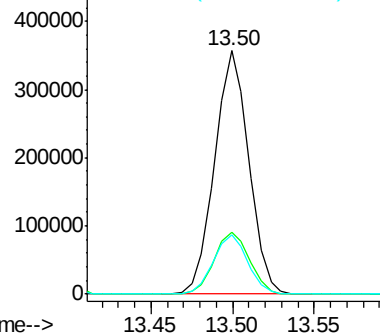
91 24.4 12.2 36.6

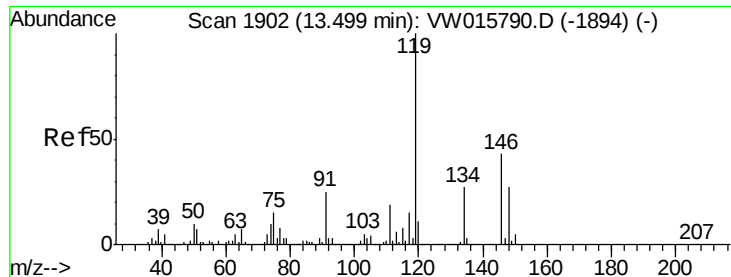


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.027 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW015820.D

Acq: 08 Jul 2020 19:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

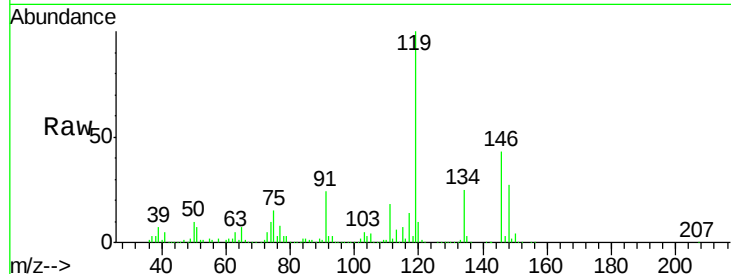
Tot Ion:146 Resp: 243047

Ion Ratio Lower Upper

146 100

111 42.3 20.8 62.4

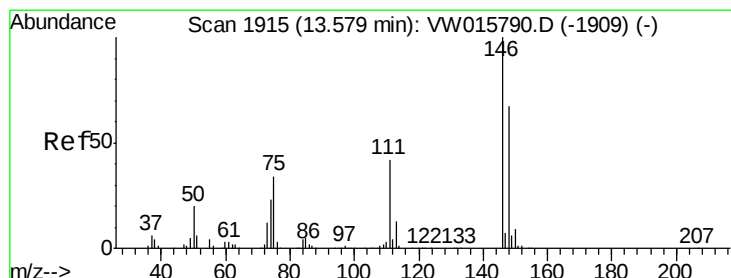
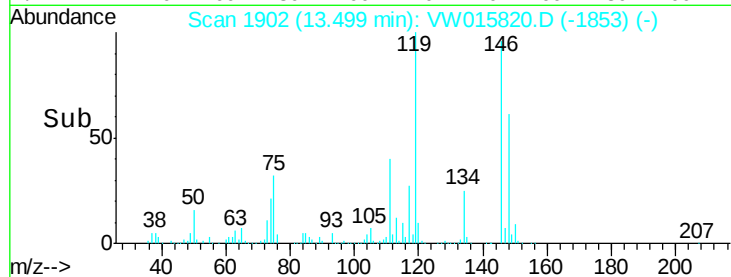
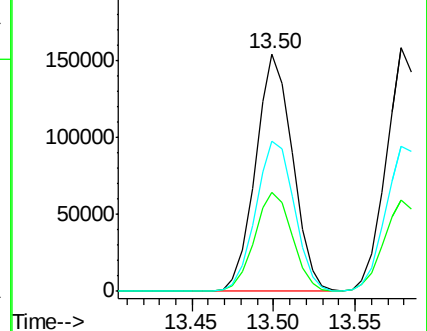
148 65.7 31.4 94.2



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: 51.915 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW015820.D

Acq: 08 Jul 2020 19:51

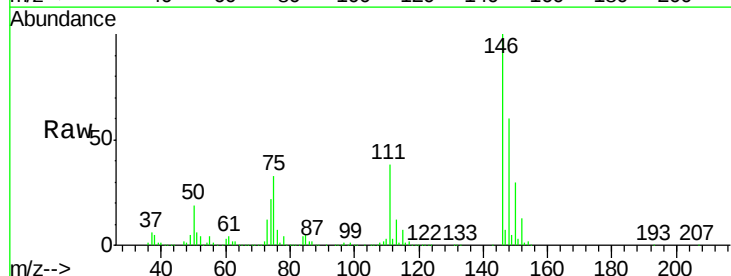
Tgt Ion:146 Resp: 246913

Ion Ratio Lower Upper

146 100

111 39.5 20.2 60.6

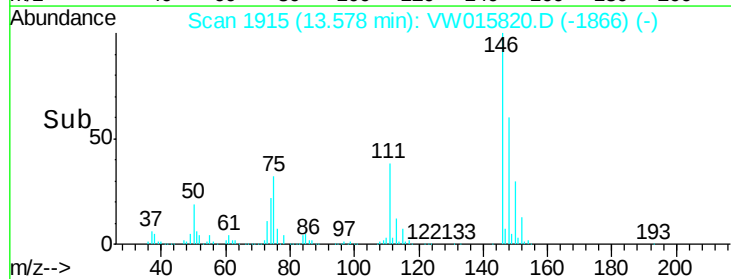
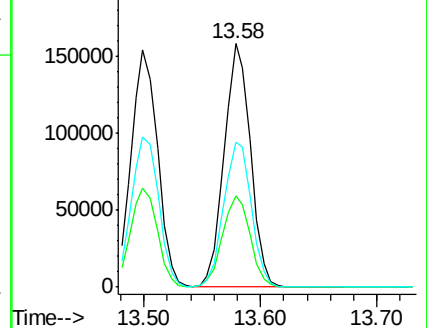
148 62.3 31.8 95.4

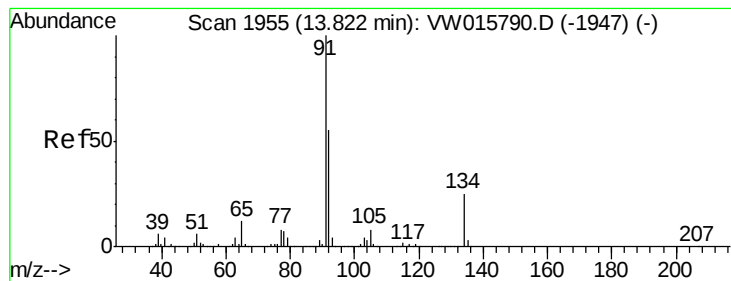


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 52.089 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW015820.D

Acq: 08 Jul 2020 19:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

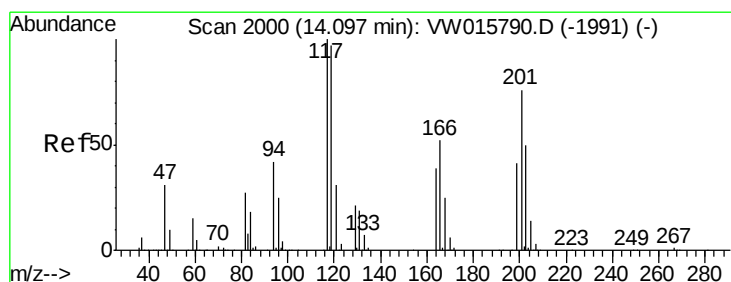
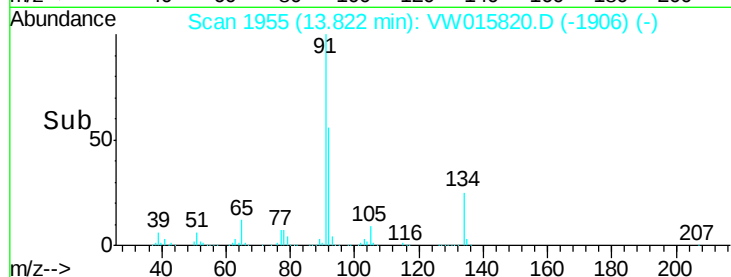
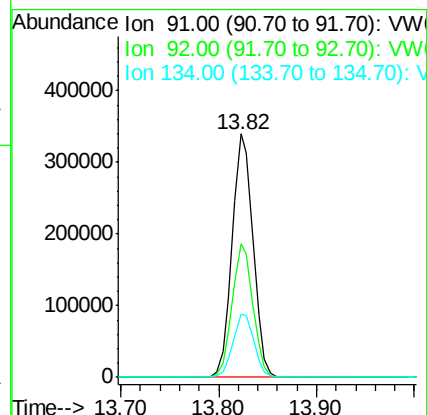
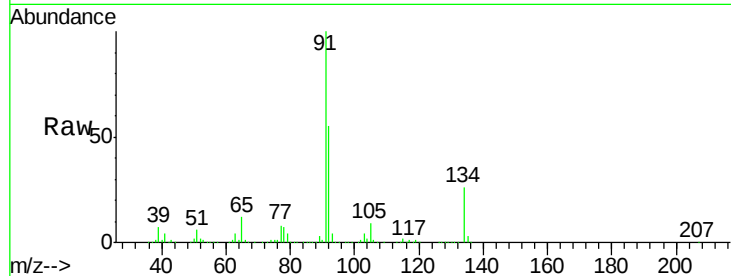
Tot Ion: 91 Resp: 502777

Ion Ratio Lower Upper

91 100

92 54.3 27.2 81.6

134 26.2 12.7 38.1



#90

Hexachloroethane

Concen: 51.259 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW015820.D

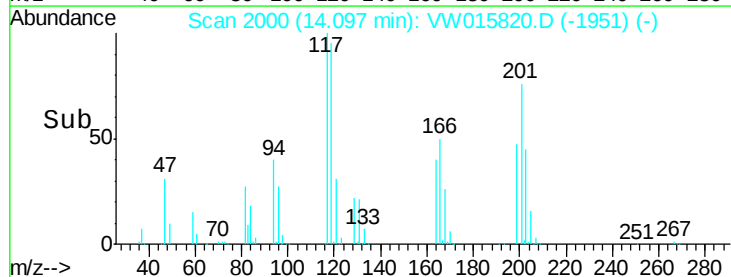
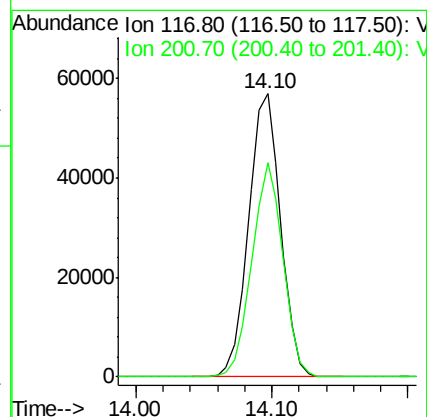
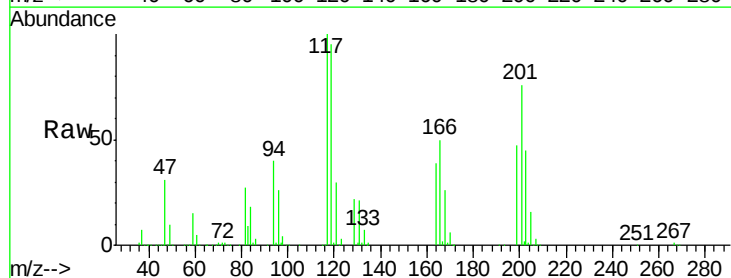
Acq: 08 Jul 2020 19:51

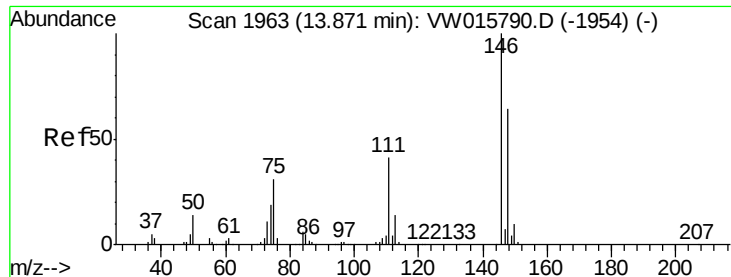
Tgt Ion: 117 Resp: 93710

Ion Ratio Lower Upper

117 100

201 73.5 37.1 111.3





#91

1,2-Dichlorobenzene

Concen: 52.139 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW015820.D

Acq: 08 Jul 2020 19:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

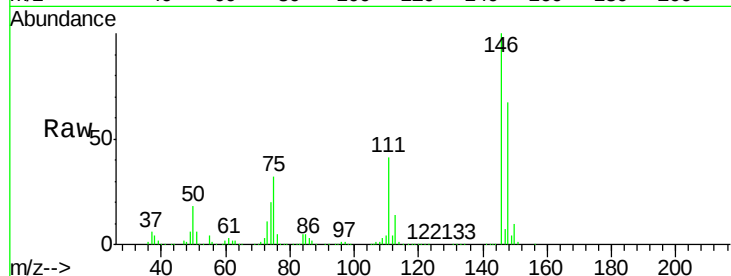
Tot Ion:146 Resp: 219459

Ion Ratio Lower Upper

146 100

111 42.1 20.6 61.9

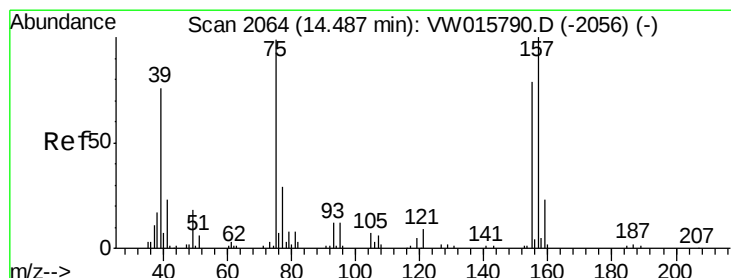
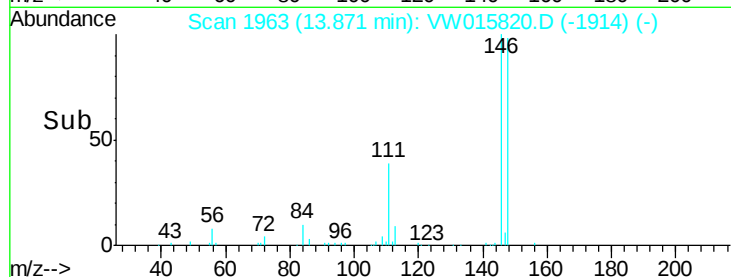
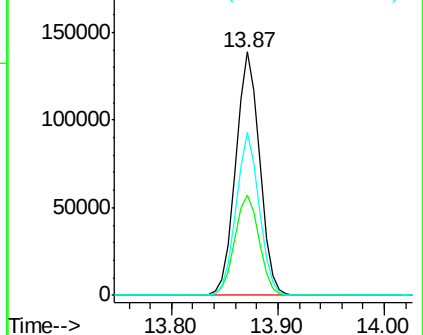
148 64.8 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 57.997 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW015820.D

Acq: 08 Jul 2020 19:51

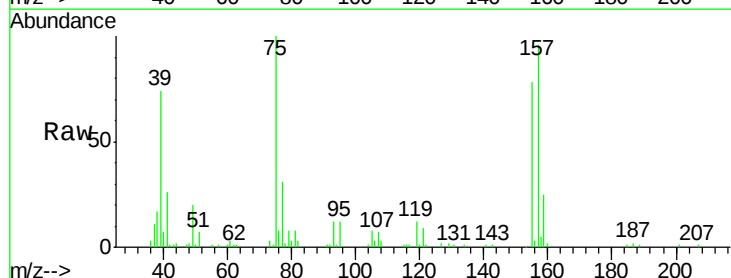
Tgt Ion: 75 Resp: 16643

Ion Ratio Lower Upper

75 100

155 78.6 39.1 117.5

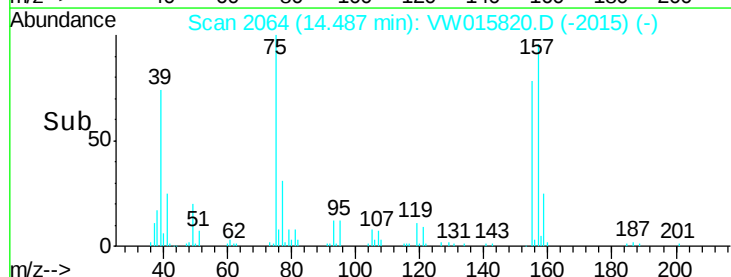
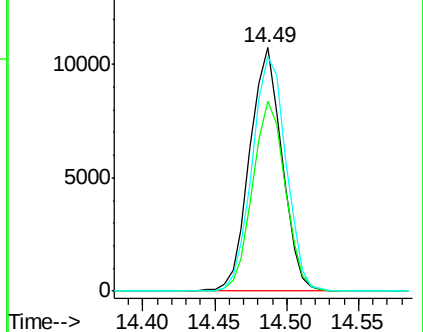
157 101.0 49.1 147.4

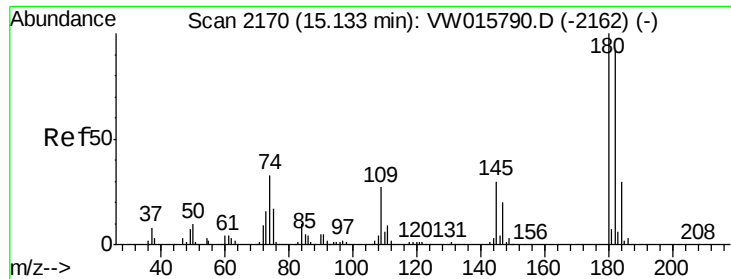


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

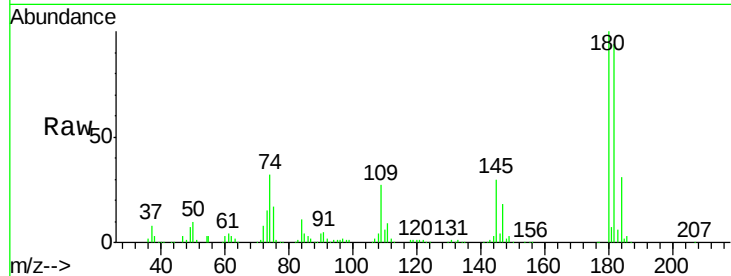




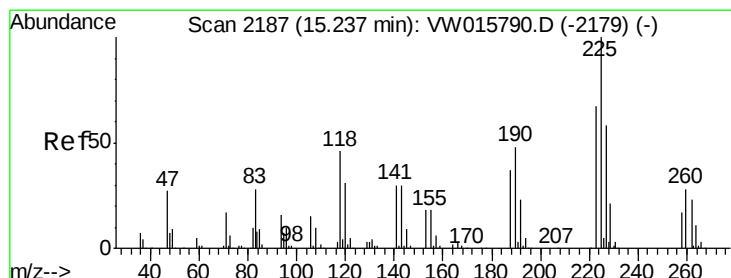
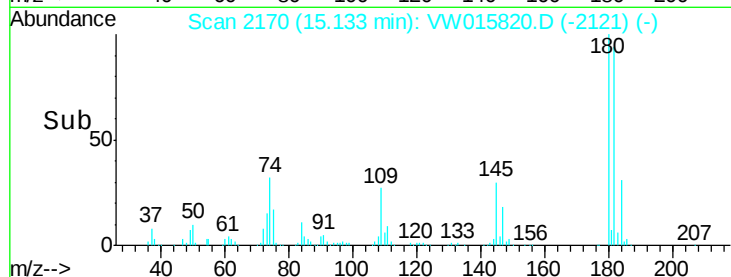
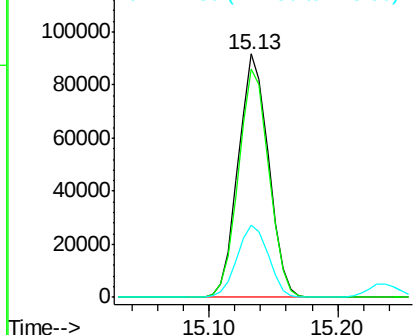
#93
 1,2,4-Trichlorobenzene
 Concen: 56.240 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW015820.D
 Acq: 08 Jul 2020 19:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	46.8	140.3
145	30.6	15.4	46.4

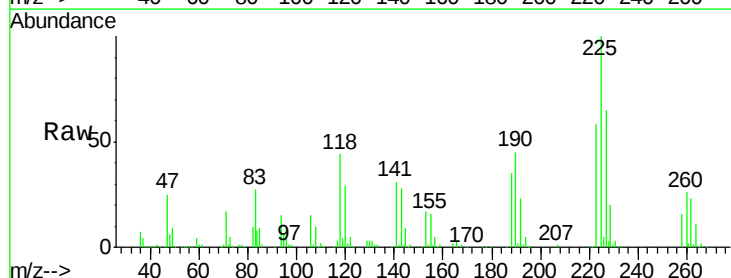


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

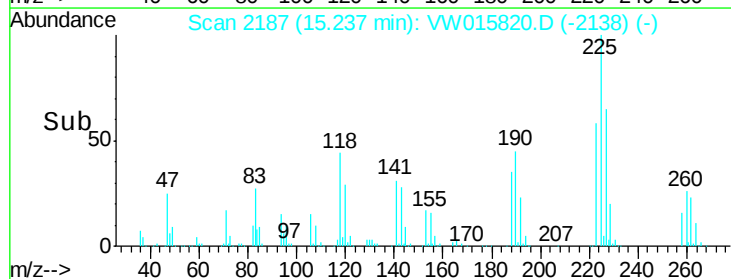
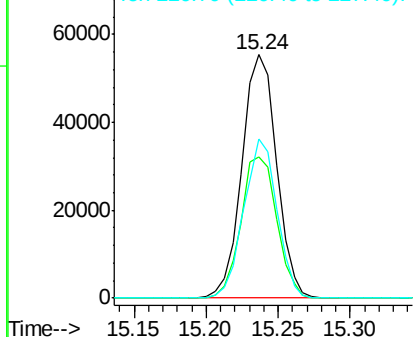


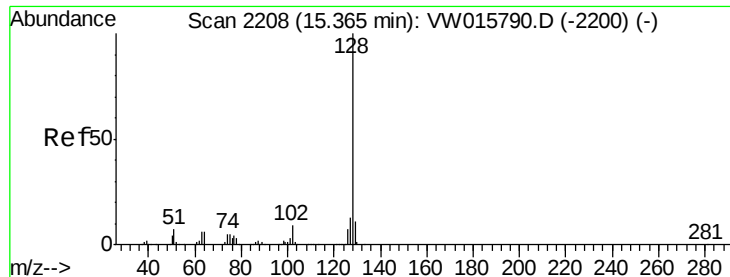
#94
 Hexachlorobutadiene
 Concen: 54.746 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW015820.D
 Acq: 08 Jul 2020 19:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.3	32.4	97.2
227	62.7	30.7	92.1



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

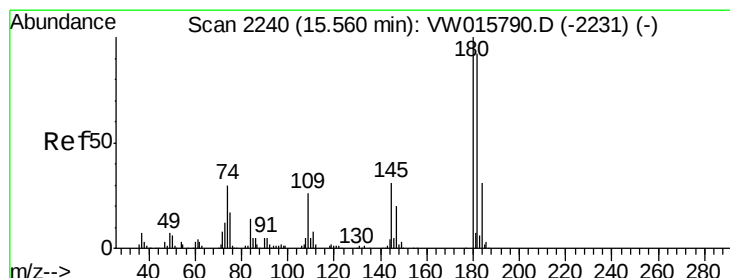
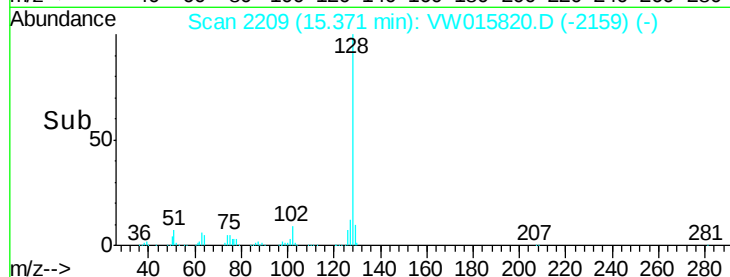
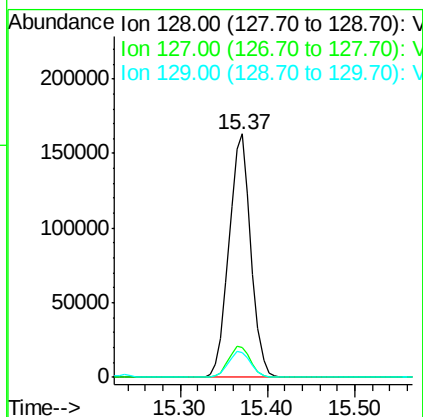
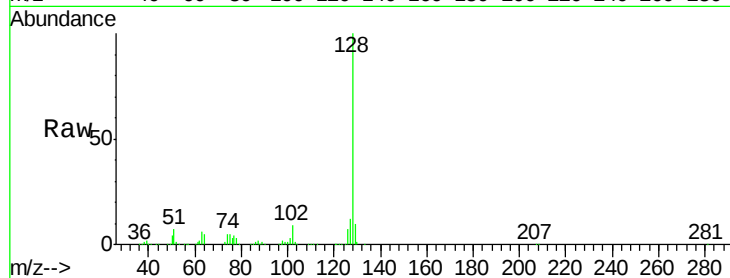




#95
Naphthalene
Concen: 56.833 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW015820.D
Acq: 08 Jul 2020 19:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 283718
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 59.156 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW015820.D
Acq: 08 Jul 2020 19:51

Tgt Ion:180 Resp: 133575
Ion Ratio Lower Upper
180 100
182 94.2 47.7 143.1
145 31.7 16.7 50.0

