

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071620\
 Data File : VW015859.D
 Acq On : 16 Jul 2020 12:36
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 16 18:03:15 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	281329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	439658	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	399017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	193418	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	129509	44.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.40%	
35) Dibromofluoromethane	7.88	113	120674	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	
50) Toluene-d8	10.32	98	472897	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
62) 4-Bromofluorobenzene	12.62	95	173120	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	66603	44.953	ug/l 99
3) Chloromethane	2.21	50	92613	46.027	ug/l 98
4) Vinyl Chloride	2.37	62	151835	48.872	ug/l 99
5) Bromomethane	2.78	94	102054	42.930	ug/l 97
6) Chloroethane	2.93	64	99790	47.594	ug/l 97
7) Trichlorofluoromethane	3.26	101	123688	55.396	ug/l 99
8) Diethyl Ether	3.68	74	67610	48.599	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	135598	51.880	ug/l 100
10) Methyl Iodide	4.26	142	202597	55.439	ug/l 99
11) Tert butyl alcohol	5.20	59	35403	233.837	ug/l 99
12) 1,1-Dichloroethene	4.03	96	138121	53.748	ug/l 95
13) Acrolein	3.90	56	52723	262.347	ug/l 98
14) Allyl chloride	4.67	41	223535	53.519	ug/l 96
15) Acrylonitrile	5.37	53	133480	245.398	ug/l 99
16) Acetone	4.13	43	137417	253.512	ug/l 98
17) Carbon Disulfide	4.37	76	407269	53.277	ug/l 99
18) Methyl Acetate	4.68	43	57916	46.950	ug/l 99
19) Methyl tert-butyl Ether	5.43	73	191255	49.727	ug/l 99
20) Methylene Chloride	4.92	84	170268	62.268	ug/l 96
21) trans-1,2-Dichloroethene	5.42	96	154267	51.829	ug/l 99
22) Diisopropyl ether	6.31	45	432905	51.433	ug/l 97
23) Vinyl Acetate	6.26	43	1256122	250.910	ug/l 100
24) 1,1-Dichloroethane	6.21	63	271765	50.998	ug/l 100
25) 2-Butanone	7.18	43	174466	237.117	ug/l 100
26) 2,2-Dichloropropane	7.17	77	181835	54.390	ug/l 99
27) cis-1,2-Dichloroethene	7.17	96	163238	51.076	ug/l 99
28) Bromochloromethane	7.51	49	97347	46.079	ug/l 100
29) Tetrahydrofuran	7.54	42	107534	240.841	ug/l 99
30) Chloroform	7.68	83	269807	49.529	ug/l 97
31) Cyclohexane	7.96	56	253107	50.466	ug/l 98
32) 1,1,1-Trichloroethane	7.87	97	233039	51.017	ug/l 98
36) 1,1-Dichloropropene	8.09	75	226624	52.290	ug/l 100
37) Ethyl Acetate	7.26	43	80524	47.816	ug/l 98
38) Carbon Tetrachloride	8.07	117	211372	50.402	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	278929	54.541	ug/l	99
40) Benzene	8.32	78	604687	50.934	ug/l	100
41) Methacrylonitrile	7.49	41	47941	50.145	ug/l	96
42) 1,2-Dichloroethane	8.40	62	176053	47.647	ug/l	99
43) Isopropyl Acetate	8.43	43	157051	47.778	ug/l	99
44) Trichloroethene	9.10	130	159932	50.931	ug/l	93
45) 1,2-Dichloropropane	9.37	63	148985	51.055	ug/l	99
46) Dibromomethane	9.46	93	72653	48.360	ug/l	99
47) Bromodichloromethane	9.65	83	197922	50.933	ug/l	99
48) Methyl methacrylate	9.44	41	74092	49.183	ug/l	96
49) 1,4-Dioxane	9.46	88	18841	1014.380	ug/l #	80
51) 4-Methyl-2-Pentanone	10.21	43	386103	240.708	ug/l	99
52) Toluene	10.39	92	393250	51.474	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	191540	51.373	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	230118	51.596	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	101636	48.788	ug/l	98
56) Ethyl methacrylate	10.65	69	131045	51.167	ug/l	97
57) 1,3-Dichloropropane	10.93	76	183439	49.743	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	313020	250.131	ug/l	99
59) 2-Hexanone	10.97	43	268901	251.202	ug/l	97
60) Dibromochloromethane	11.13	129	120004	49.878	ug/l	100
61) 1,2-Dibromoethane	11.24	107	95689	48.005	ug/l	99
64) Tetrachloroethene	10.87	164	132621	52.520	ug/l	93
65) Chlorobenzene	11.66	112	401537	51.458	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	140205	50.773	ug/l	98
67) Ethyl Benzene	11.73	91	764819	52.927	ug/l	98
68) m/p-Xylenes	11.84	106	581159	107.060	ug/l	98
69) o-Xylene	12.17	106	267091	53.903	ug/l	98
70) Styrene	12.18	104	451928	53.007	ug/l	100
71) Bromoform	12.35	173	62443	49.542	ug/l #	96
73) Isopropylbenzene	12.47	105	736757	54.069	ug/l	100
74) N-amyl acetate	12.27	43	146366	50.207	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	113286	50.036	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	83440m	49.086	ug/l	
77) Bromobenzene	12.75	156	160356	52.483	ug/l	96
78) n-propylbenzene	12.80	91	907329	54.859	ug/l	99
79) 2-Chlorotoluene	12.90	91	504264	53.464	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	633253	54.527	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	35861	47.998	ug/l	97
82) 4-Chlorotoluene	12.99	91	524013	53.203	ug/l	99
83) tert-Butylbenzene	13.21	119	534362	55.423	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	619525	53.417	ug/l	100
85) sec-Butylbenzene	13.38	105	756736	54.347	ug/l	100
86) p-Isopropyltoluene	13.50	119	682798	53.700	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	321173	52.440	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	309497	51.620	ug/l	99
89) n-Butylbenzene	13.82	91	676281	55.579	ug/l	99
90) Hexachloroethane	14.10	117	124068	53.834	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	276823	52.170	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17947	49.611	ug/l	98

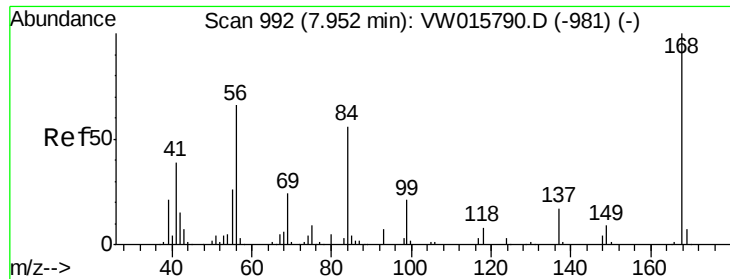
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	183293	54.792	ug/l	98
94) Hexachlorobutadiene	15.24	225	107872	50.788	ug/l	97
95) Naphthalene	15.37	128	313510	50.164	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	157901	55.471	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW015859.D

Acq: 16 Jul 2020 12:36

Instrument :

MSVOA_W

ClientSampleId :

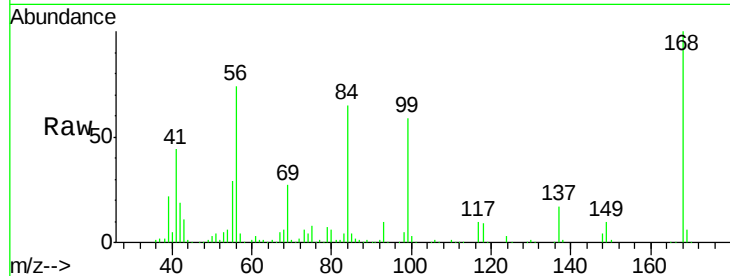
VSTDCCC050

Tot Ion:168 Resp: 281329

Ion Ratio Lower Upper

168 100

99 58.6 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

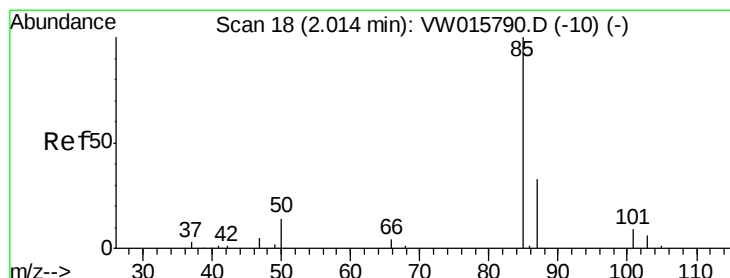
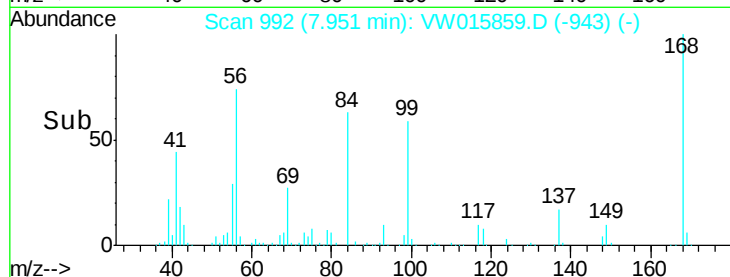
100000

50000

0

Time-->

7.90 8.00



#2

Dichlorodifluoromethane

Concen: 44.953 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW015859.D

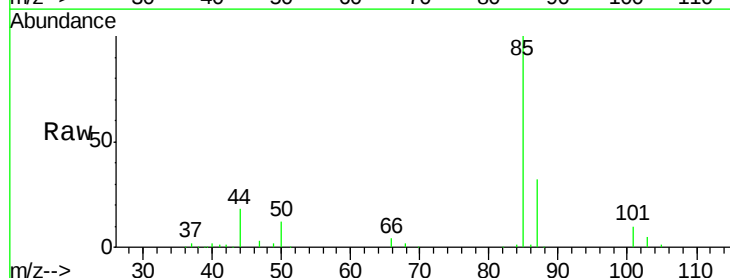
Acq: 16 Jul 2020 12:36

Tgt Ion: 85 Resp: 66603

Ion Ratio Lower Upper

85 100

87 32.1 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

25000

20000

15000

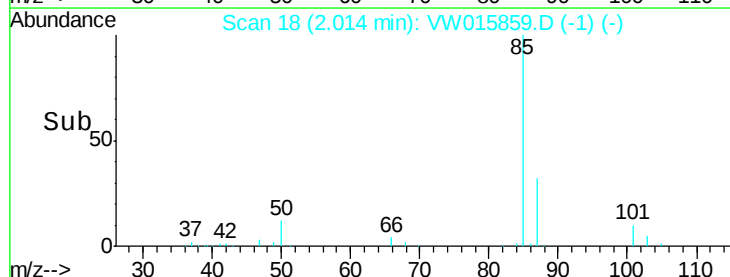
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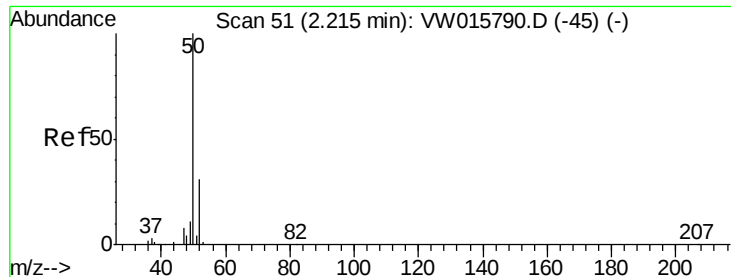
5000

0

Time-->

1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 46.027 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW015859.D

Acq: 16 Jul 2020 12:36

Instrument :

MSVOA_W

ClientSampleId :

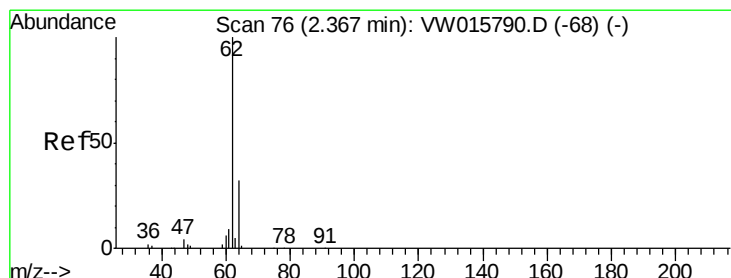
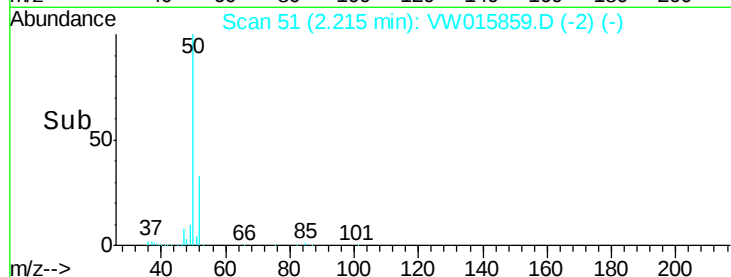
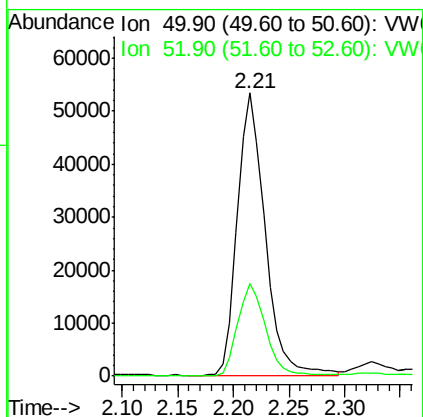
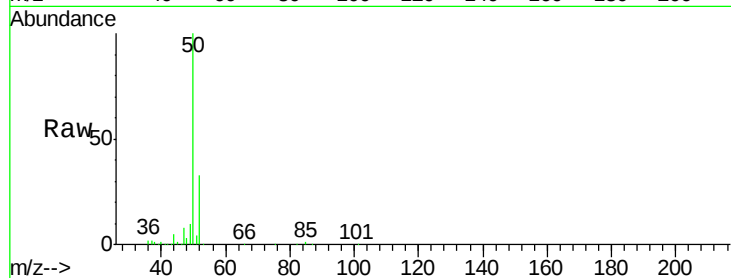
VSTDCCC050

Tot Ion: 50 Resp: 92613

Ion Ratio Lower Upper

50 100

52 32.6 25.2 37.8



#4

Vinyl Chloride

Concen: 48.872 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW015859.D

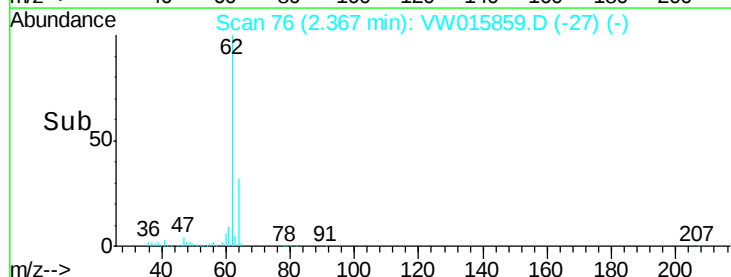
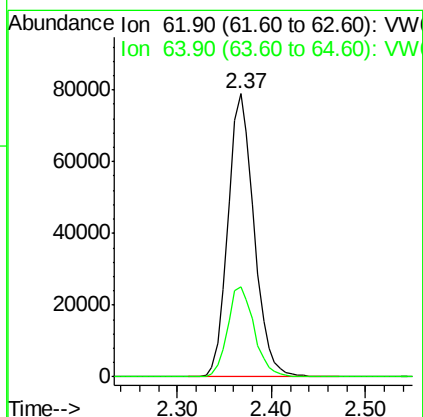
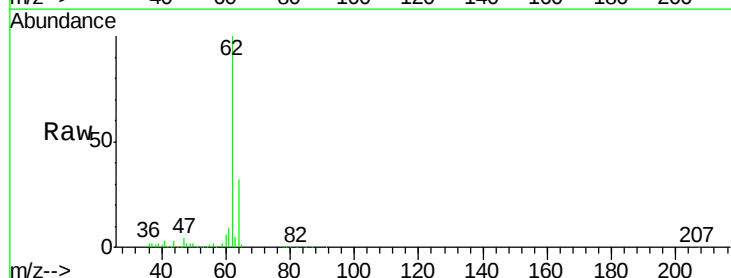
Acq: 16 Jul 2020 12:36

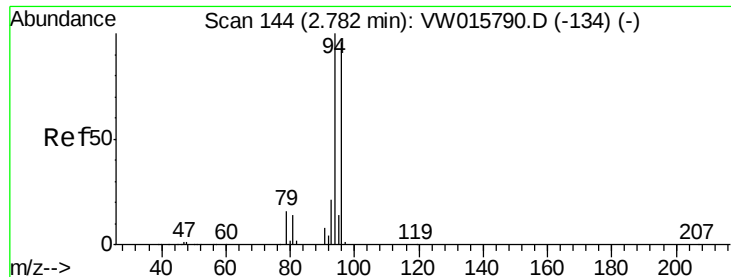
Tgt Ion: 62 Resp: 151835

Ion Ratio Lower Upper

62 100

64 32.0 25.8 38.8





#5

Bromomethane

Concen: 42.930 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW015859.D

Acq: 16 Jul 2020 12:36

Instrument :

MSVOA_W

ClientSampleId :

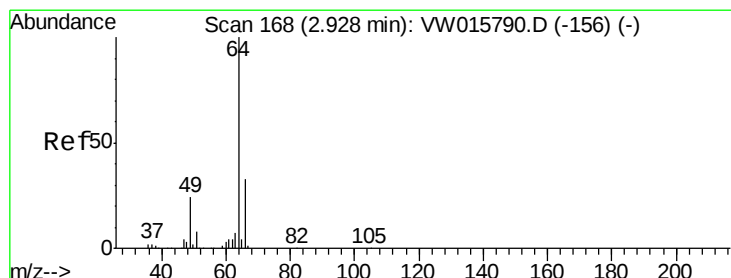
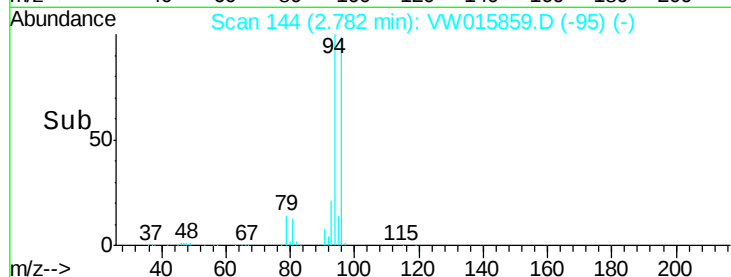
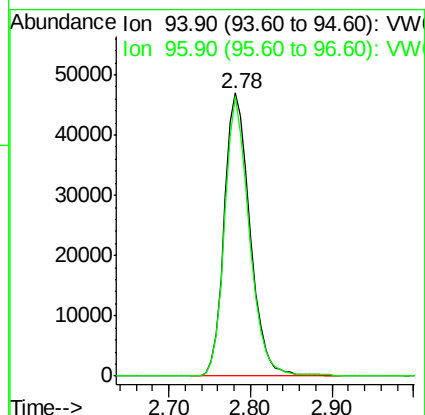
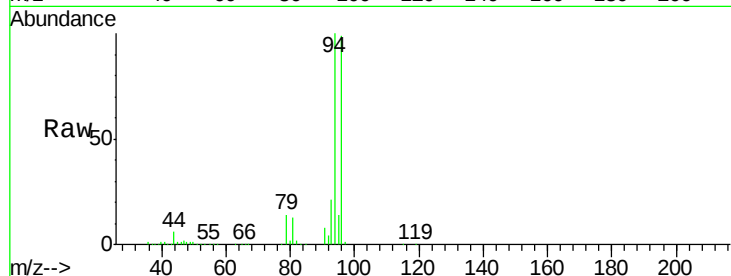
VSTDCCC050

Tot Ion: 94 Resp: 102054

Ion Ratio Lower Upper

94 100

96 98.7 76.7 115.1



#6

Chloroethane

Concen: 47.594 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW015859.D

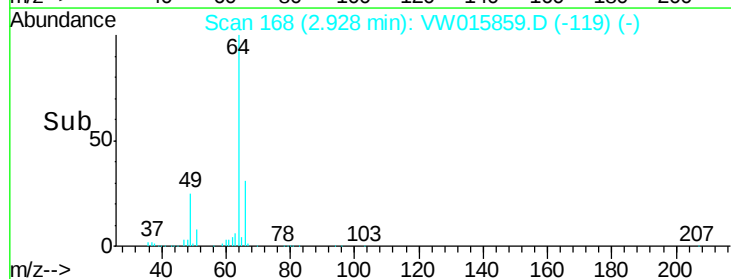
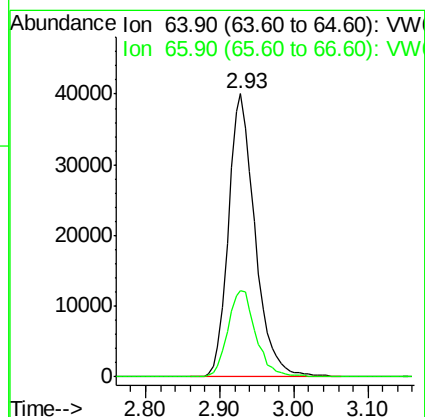
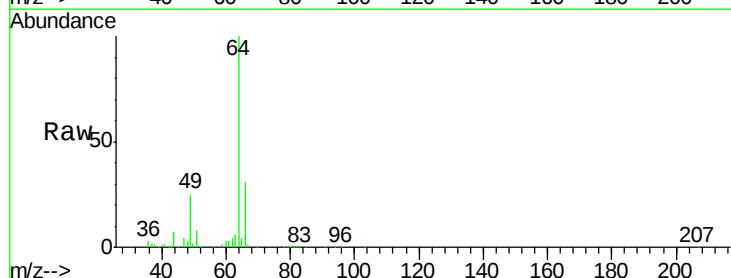
Acq: 16 Jul 2020 12:36

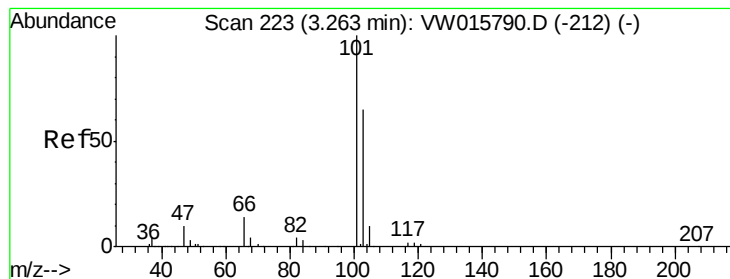
Tgt Ion: 64 Resp: 99790

Ion Ratio Lower Upper

64 100

66 30.5 26.0 39.0



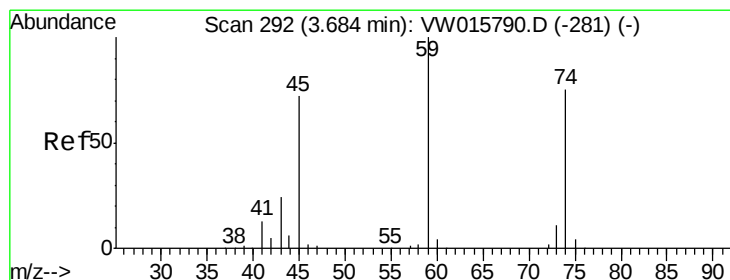
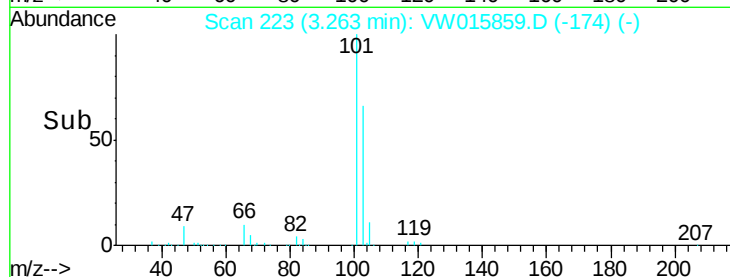
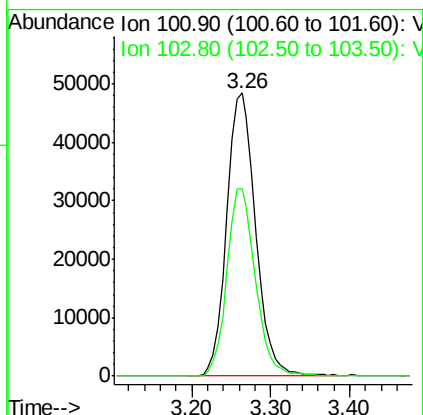
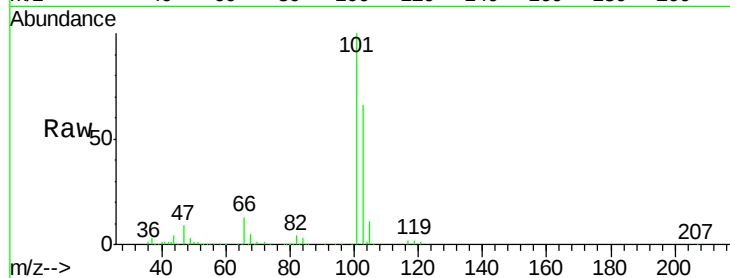


#7

Trichlorofluoromethane
 Concen: 55.396 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW015859.D
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 VSTDCCC050

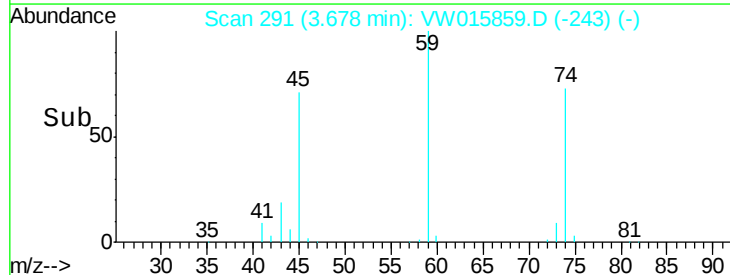
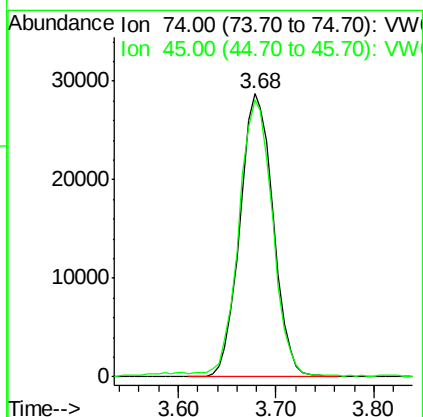
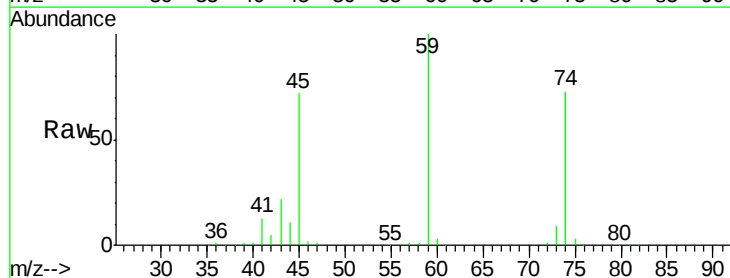
Tot Ion:101 Resp: 123688
 Ion Ratio Lower Upper
 101 100
 103 66.2 52.2 78.4

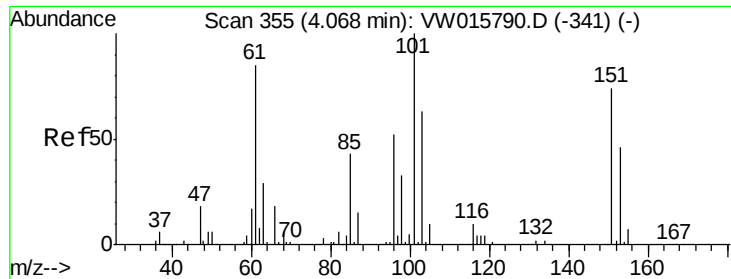


#8

Diethyl Ether
 Concen: 48.599 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW015859.D
 Acq: 16 Jul 2020 12:36

Tgt Ion: 74 Resp: 67610
 Ion Ratio Lower Upper
 74 100
 45 99.2 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.880 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW015859.D

Acq: 16 Jul 2020 12:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

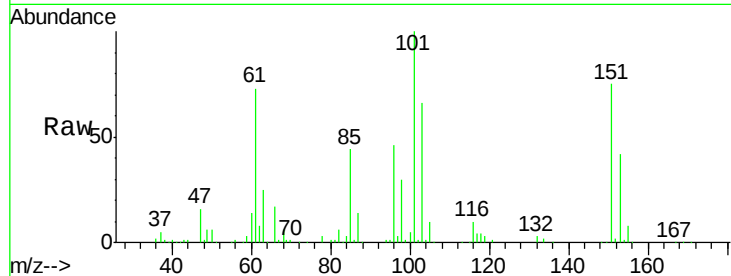
Tot Ion:101 Resp: 135598

Ion Ratio Lower Upper

101 100

85 44.5 36.1 54.1

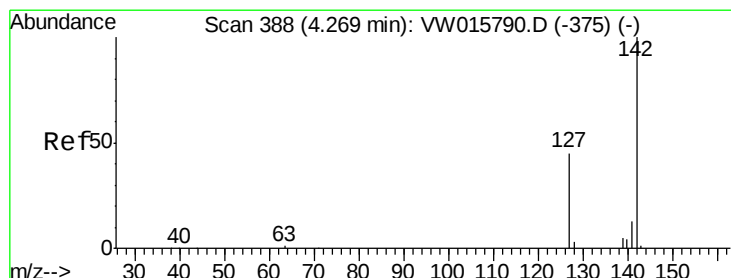
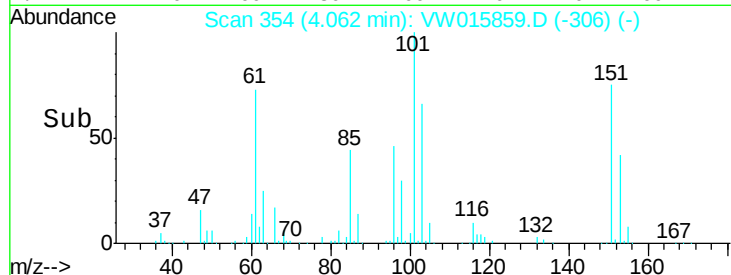
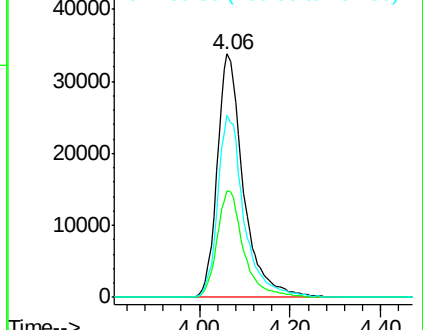
151 75.3 60.3 90.5



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: 55.439 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

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Acq: 16 Jul 2020 12:36

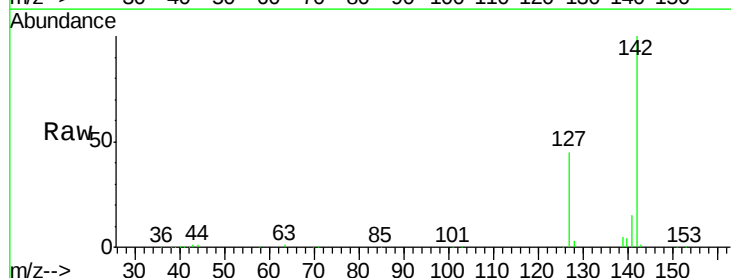
Tgt Ion:142 Resp: 202597

Ion Ratio Lower Upper

142 100

127 44.0 36.1 54.1

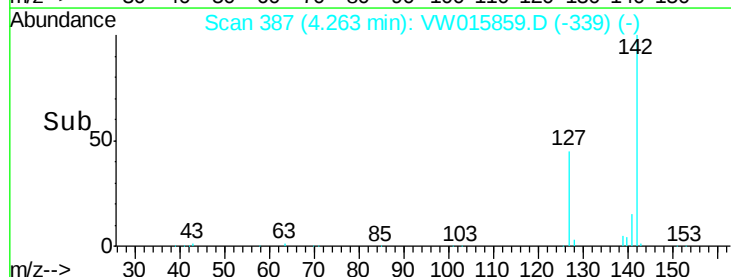
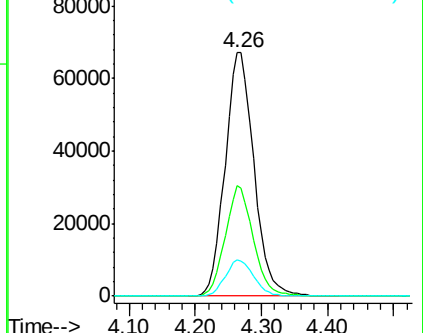
141 14.8 11.7 17.5

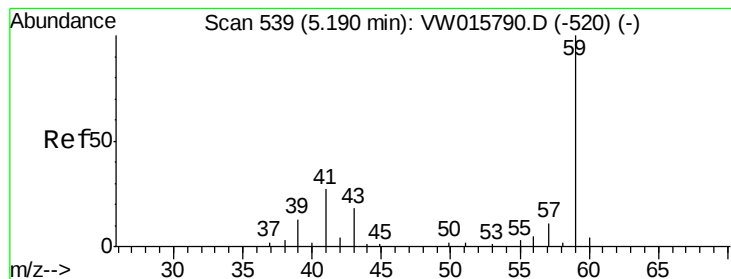


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



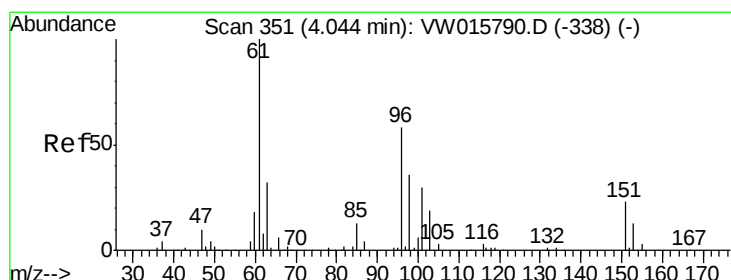
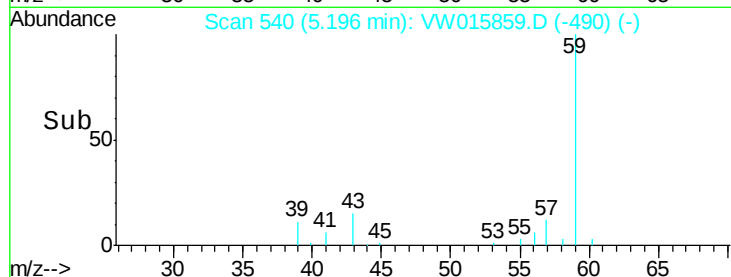
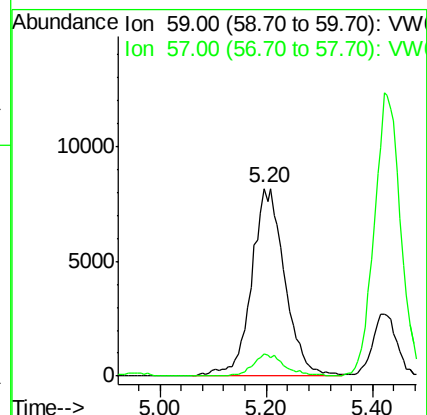
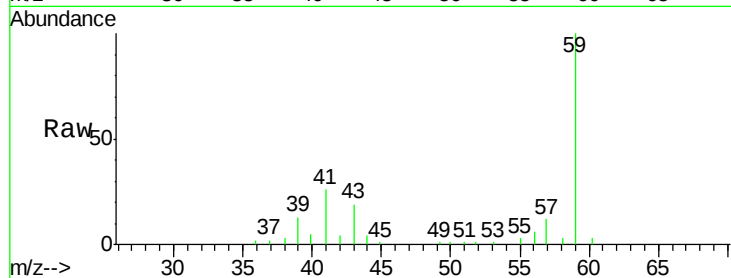


#11

Tert butyl alcohol
 Concen: 233.837 ug/l
 RT: 5.20 min Scan# 540
 Delta R.T. 0.01 min
 Lab File: VW015859.D
 Acq: 16 Jul 2020 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

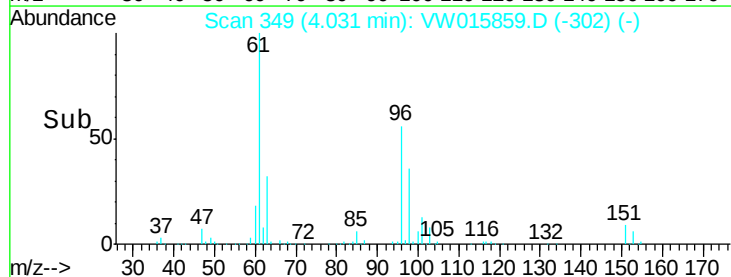
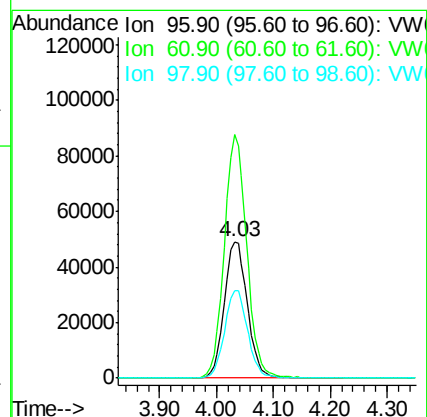
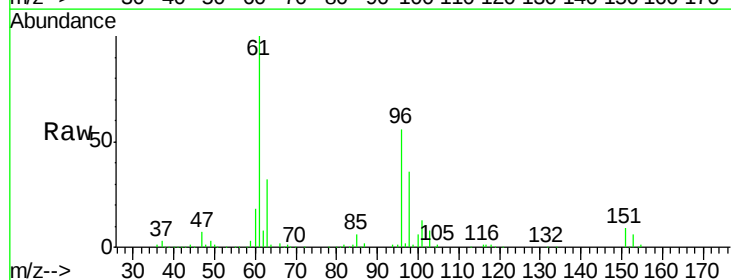
Tot Ion: 59 Resp: 35403
 Ion Ratio Lower Upper
 59 100
 57 11.2 8.7 13.1

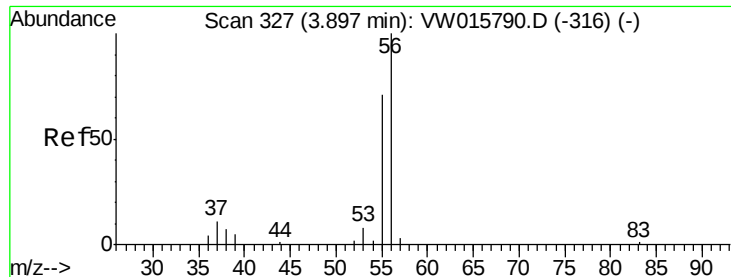


#12

1,1-Dichloroethene
 Concen: 53.748 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW015859.D
 Acq: 16 Jul 2020 12:36

Tgt Ion: 96 Resp: 138121
 Ion Ratio Lower Upper
 96 100
 61 178.7 137.0 205.4
 98 64.2 49.3 73.9





#13

Acrolein

Concen: 262.347 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW015859.D

Acq: 16 Jul 2020 12:36

Instrument :

MSVOA_W

ClientSampleId :

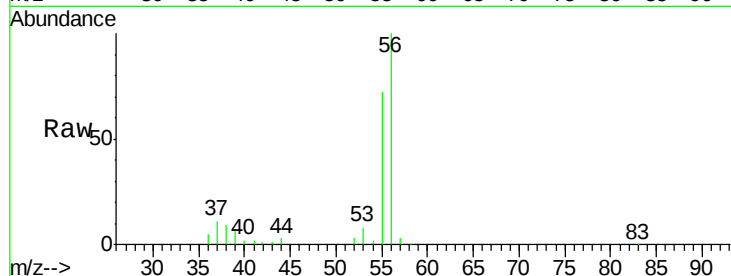
VSTDCCC050

Tot Ion: 56 Resp: 52723

Ion Ratio Lower Upper

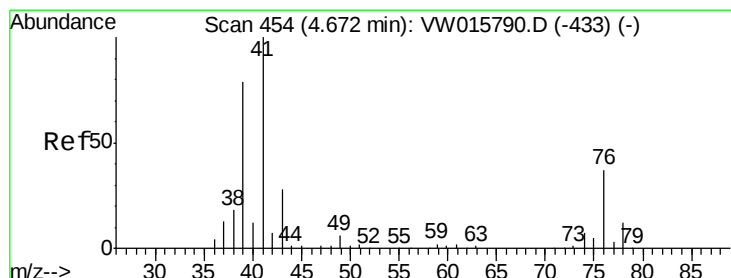
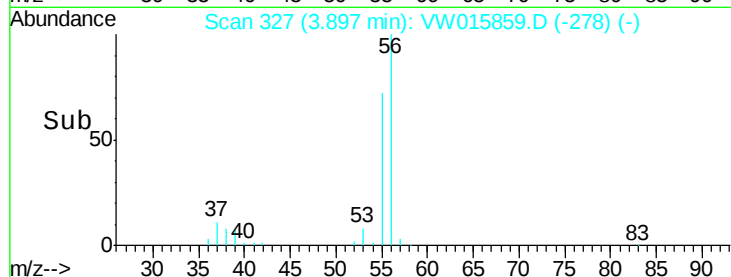
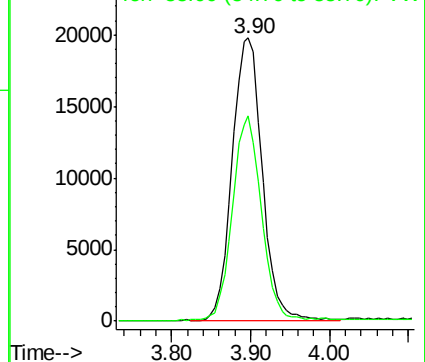
56 100

55 68.4 55.8 83.6



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 53.519 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW015859.D

Acq: 16 Jul 2020 12:36

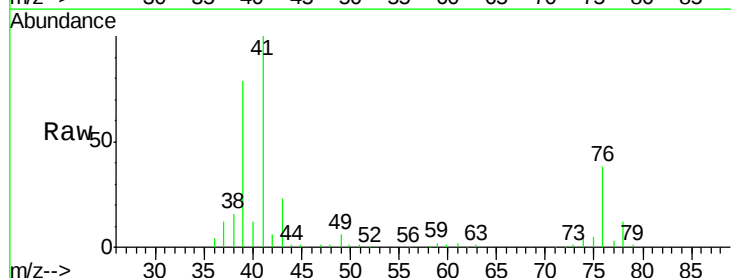
Tgt Ion: 41 Resp: 223535

Ion Ratio Lower Upper

41 100

39 75.5 64.0 96.0

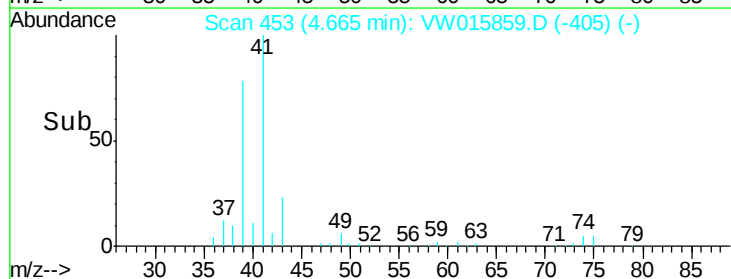
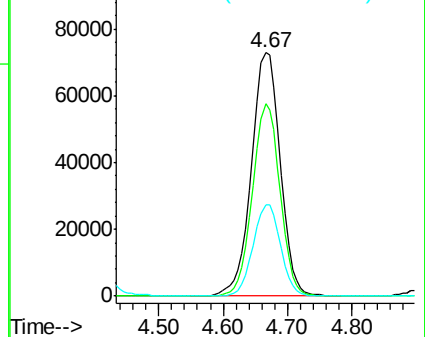
76 35.5 28.9 43.3

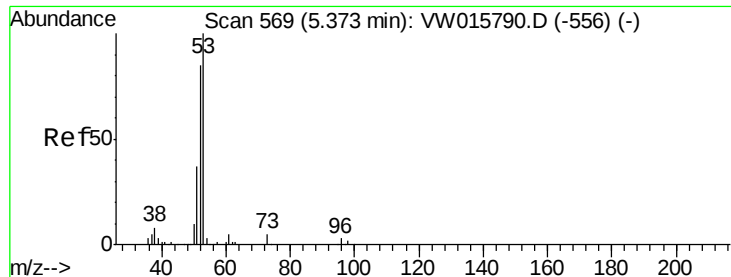


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 245.398 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW015859.D

Acq: 16 Jul 2020 12:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

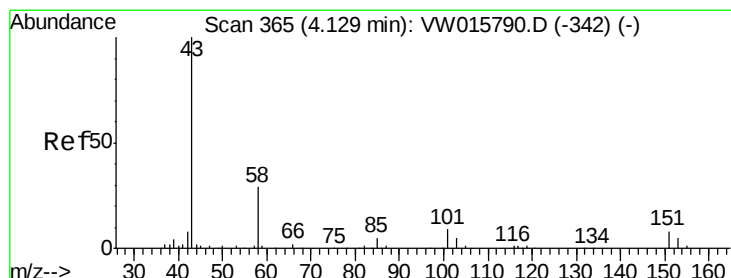
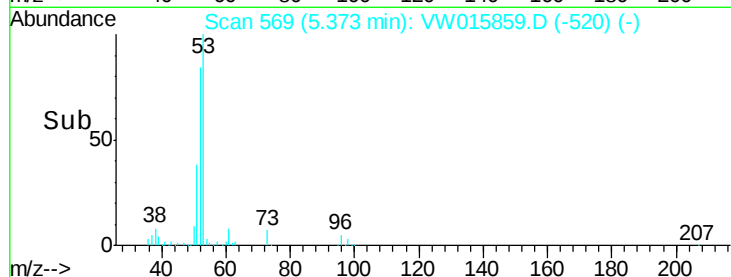
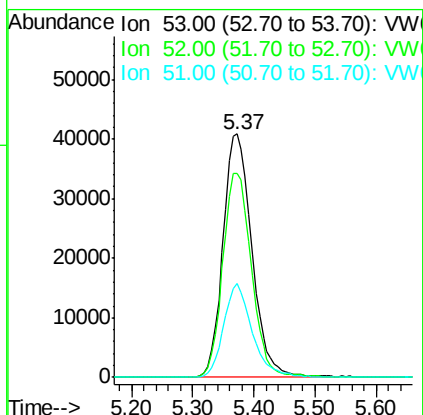
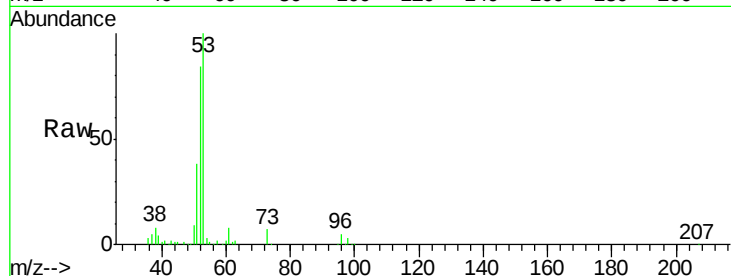
Tot Ion: 53 Resp: 133480

Ion Ratio Lower Upper

53 100

52 83.4 65.8 98.8

51 38.0 30.2 45.2



#16

Acetone

Concen: 253.512 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW015859.D

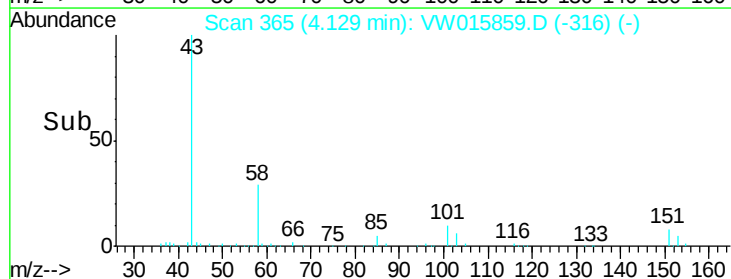
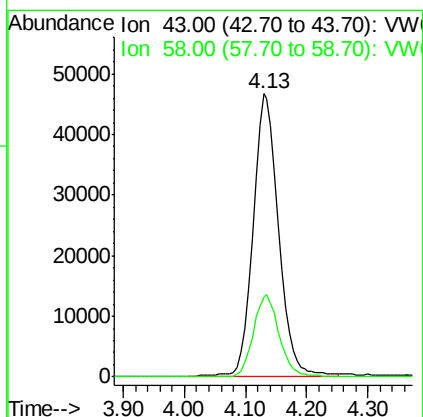
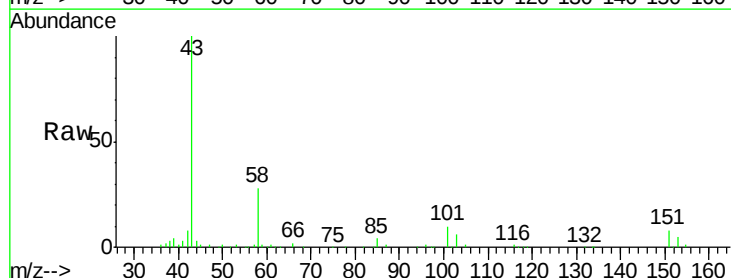
Acq: 16 Jul 2020 12:36

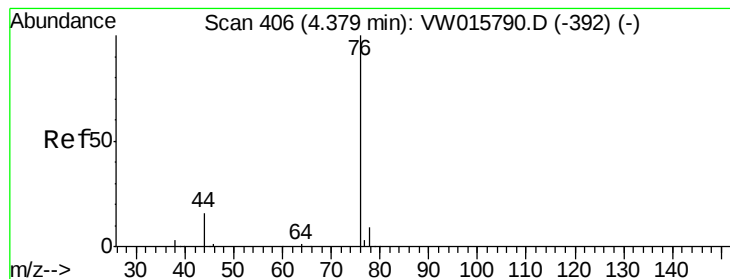
Tgt Ion: 43 Resp: 137417

Ion Ratio Lower Upper

43 100

58 28.3 23.5 35.3





#17

Carbon Disulfide

Concen: 53.277 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW015859.D

Acq: 16 Jul 2020 12:36

Instrument :

MSVOA_W

ClientSampleId :

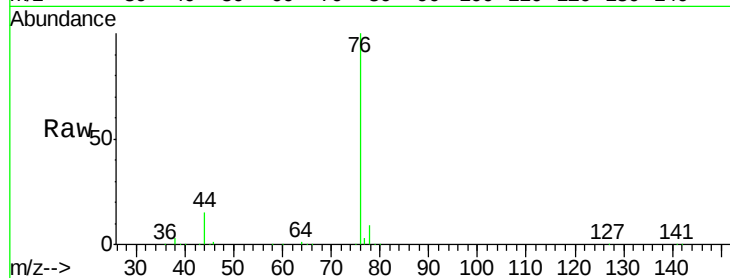
VSTDCCC050

Tot Ion: 76 Resp: 407269

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.37

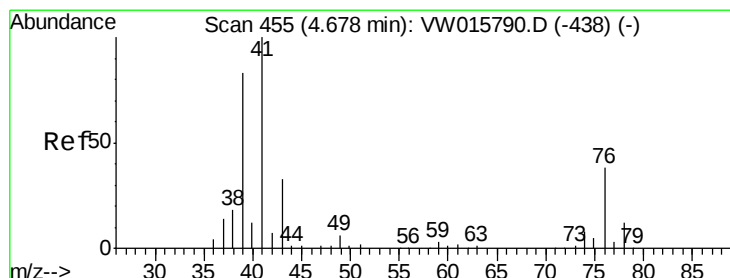
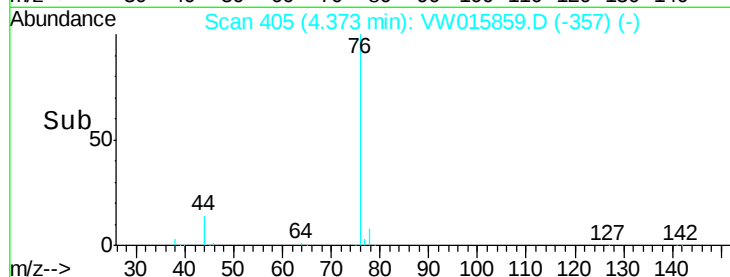
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 46.950 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW015859.D

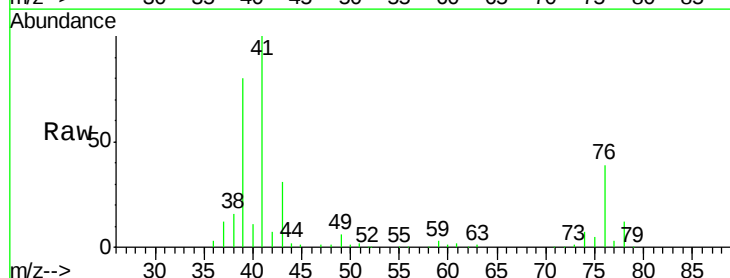
Acq: 16 Jul 2020 12:36

Tgt Ion: 43 Resp: 57916

Ion Ratio Lower Upper

43 100

74 24.4 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

20000

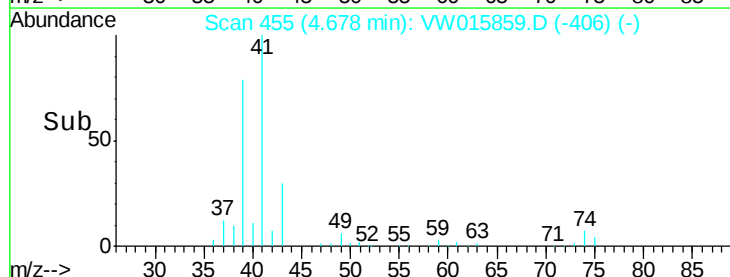
15000

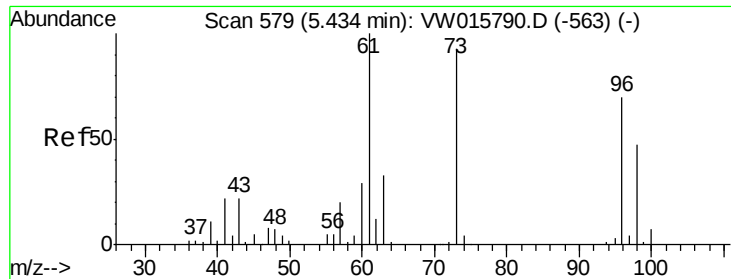
10000

5000

0

Time-->

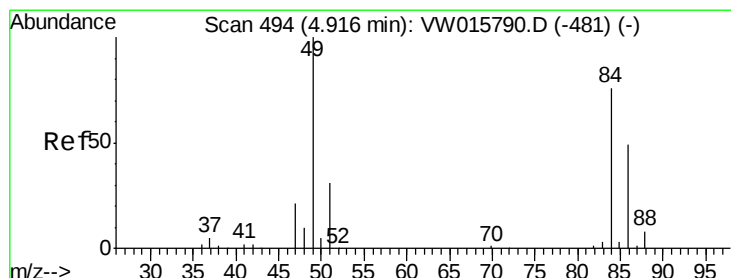
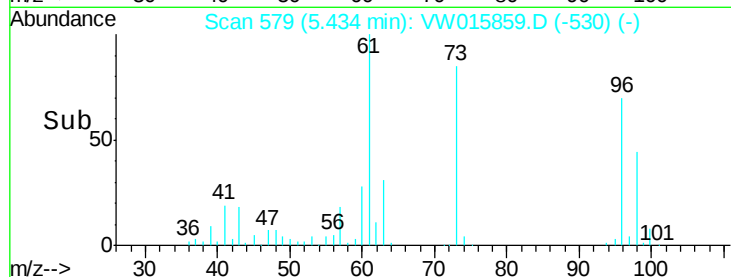
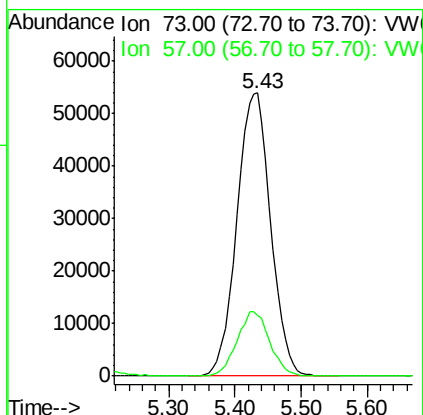
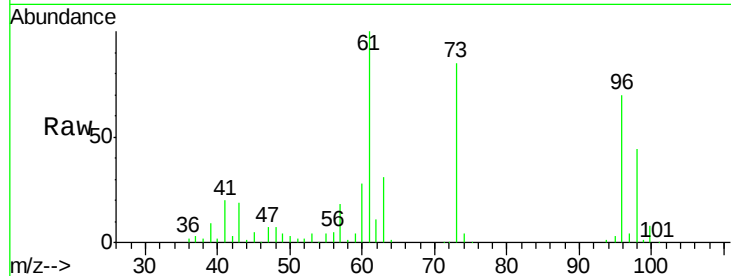




#19
Methvl tert-butvl Ether
Concen: 49.727 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW015859.D
Acq: 16 Jul 2020 12:36

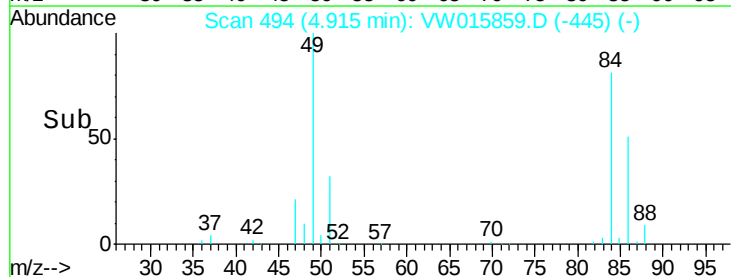
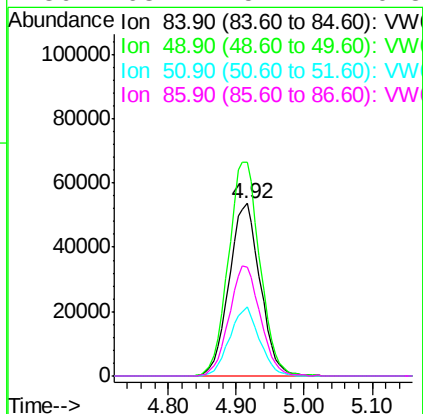
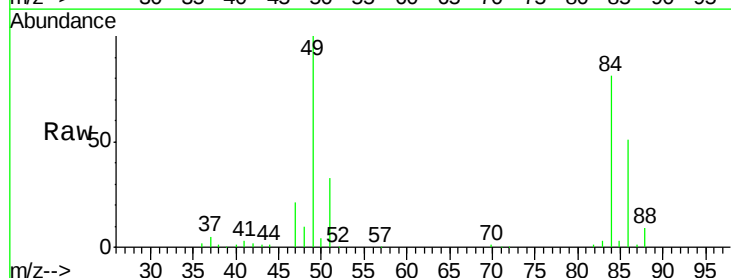
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

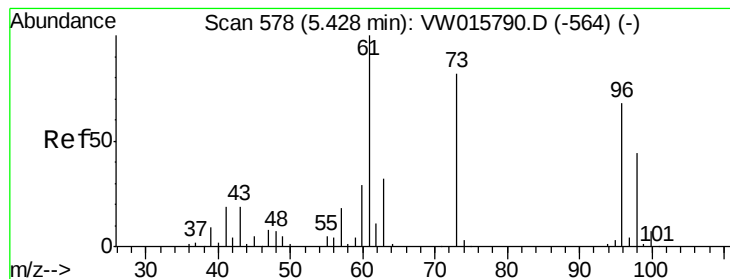
Tot Ion: 73 Resp: 191255
Ion Ratio Lower Upper
73 100
57 21.6 16.8 25.2



#20
Methylene Chloride
Concen: 62.268 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW015859.D
Acq: 16 Jul 2020 12:36

Tgt Ion: 84 Resp: 170268
Ion Ratio Lower Upper
84 100
49 123.9 105.0 157.6
51 40.3 32.3 48.5
86 63.2 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 51.829 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW015859.D

Acq: 16 Jul 2020 12:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

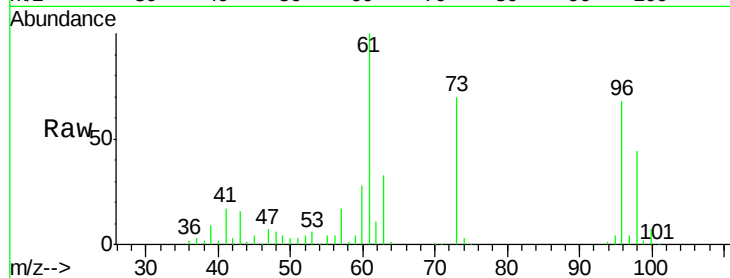
Tot Ion: 96 Resp: 154267

Ion Ratio Lower Upper

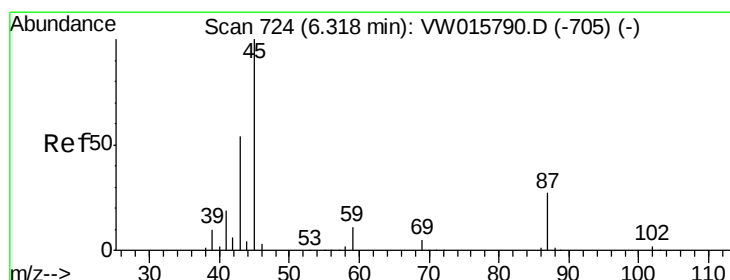
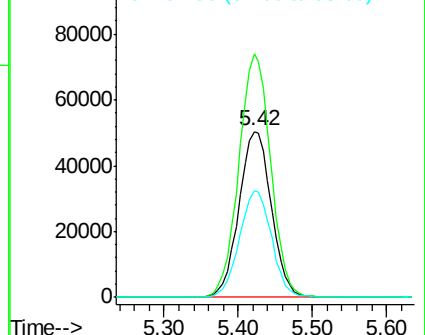
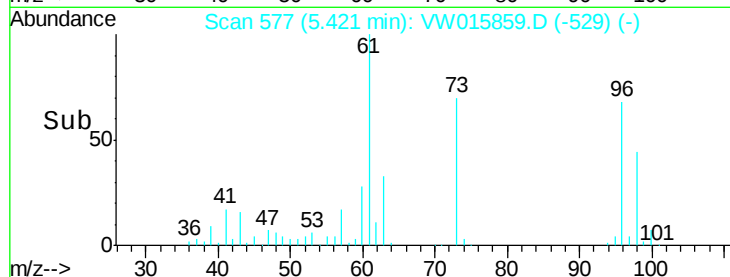
96 100

61 147.1 118.1 177.1

98 64.1 52.6 78.8



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



#22

Diisopropyl ether

Concen: 51.433 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW015859.D

Acq: 16 Jul 2020 12:36

Tgt Ion: 45 Resp: 432905

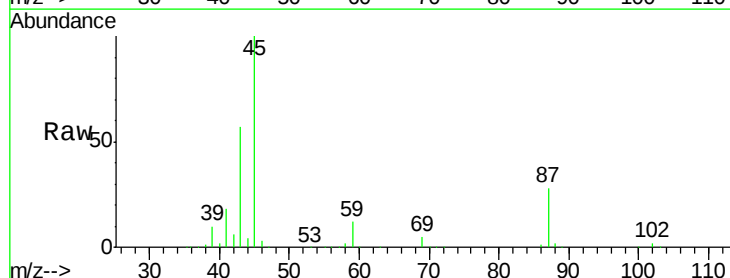
Ion Ratio Lower Upper

45 100

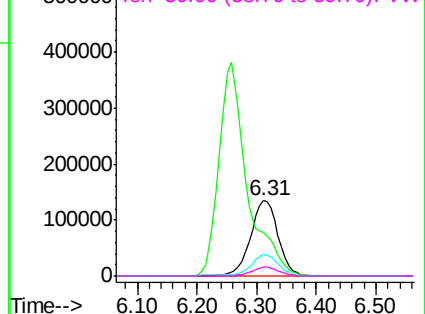
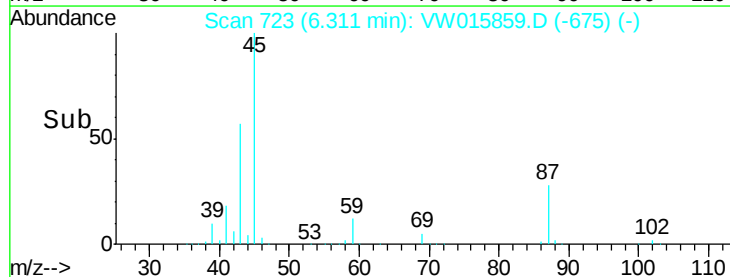
43 57.3 43.8 65.6

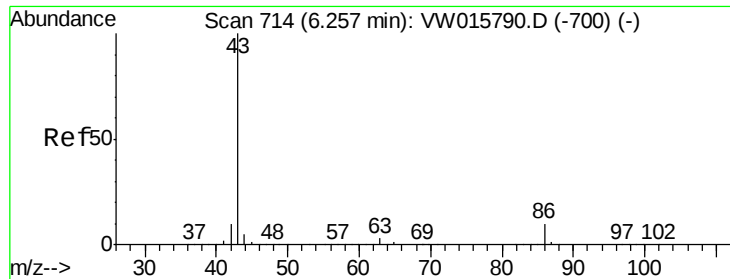
87 28.3 22.1 33.1

59 11.6 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

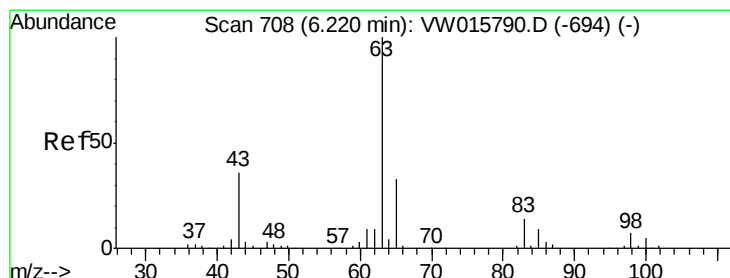
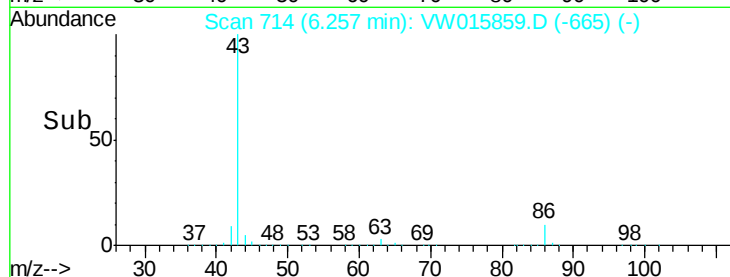
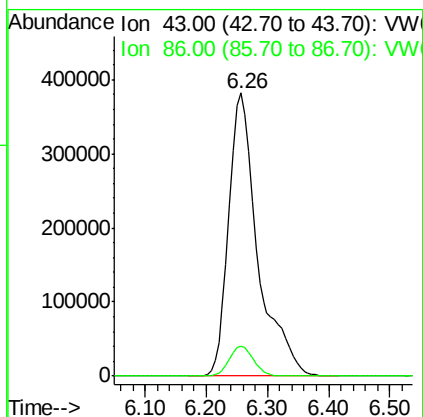
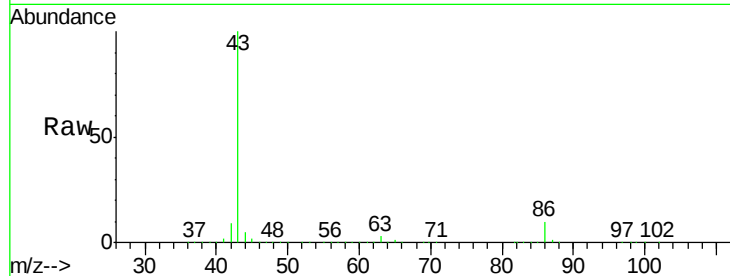




#23
 Vinyl Acetate
 Concen: 250.910 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: VW015859.D
 Acq: 16 Jul 2020 12:36

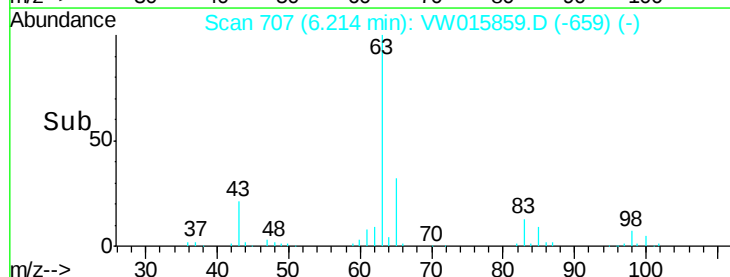
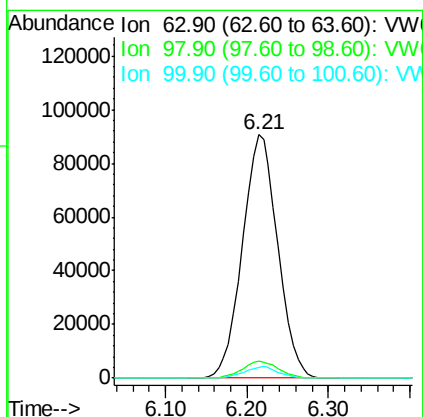
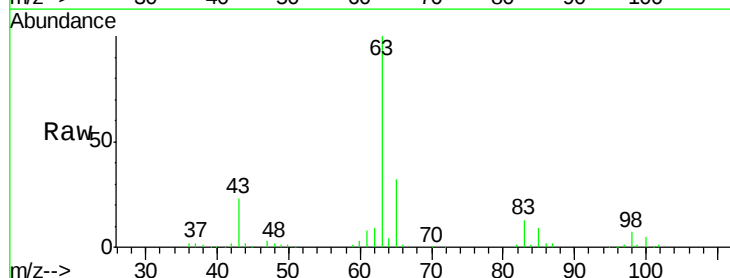
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

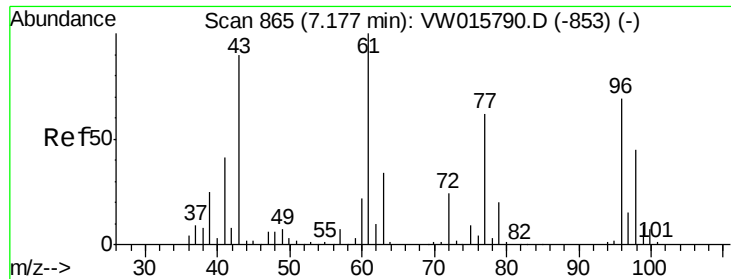
Tot Ion: 43 Resp: 1256122
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 50.998 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: VW015859.D
 Acq: 16 Jul 2020 12:36

Tgt Ion: 63 Resp: 271765
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 4.6 2.4 7.1





#25

2-Butanone

Concen: 237.117 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW015859.D

Acq: 16 Jul 2020 12:36

Instrument :

MSVOA_W

ClientSampleId :

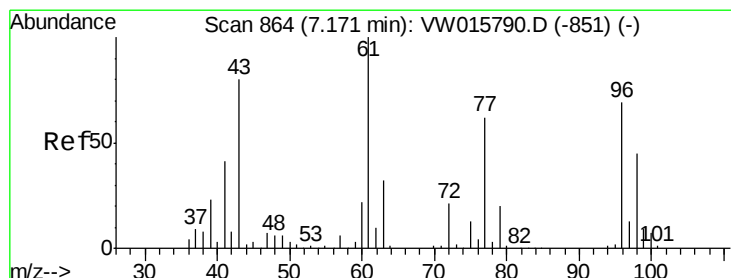
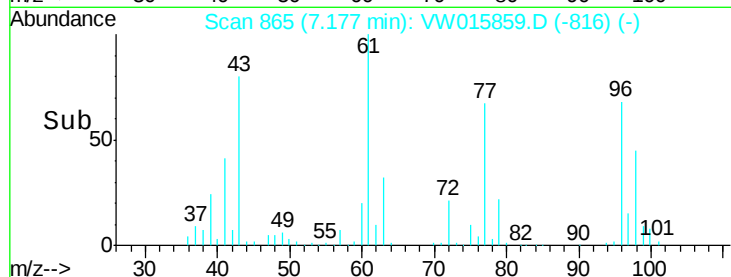
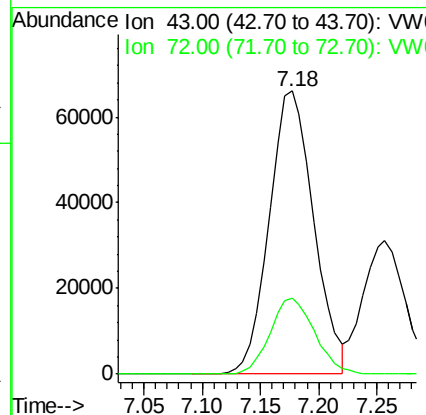
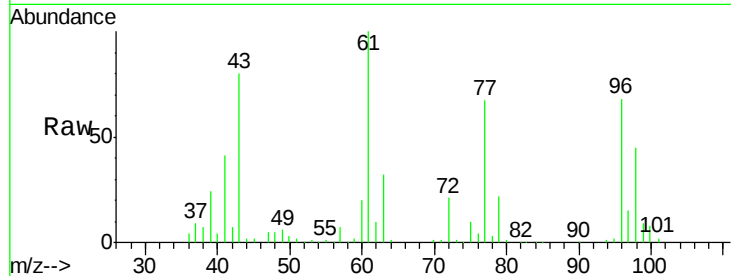
VSTDCCC050

Tot Ion: 43 Resp: 174466

Ion Ratio Lower Upper

43 100

72 26.7 21.3 31.9



#26

2,2-Dichloropropane

Concen: 54.390 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW015859.D

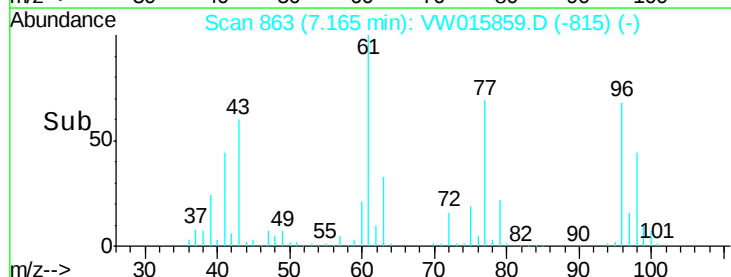
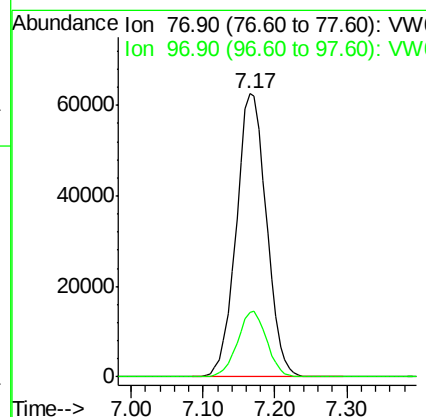
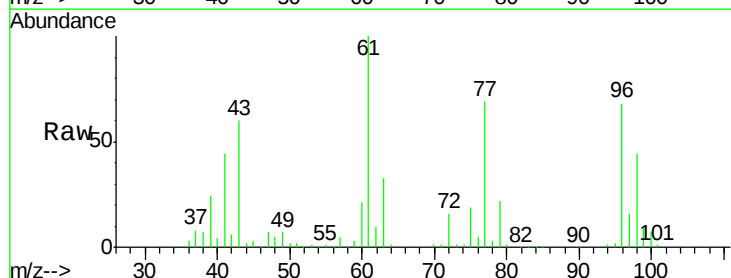
Acq: 16 Jul 2020 12:36

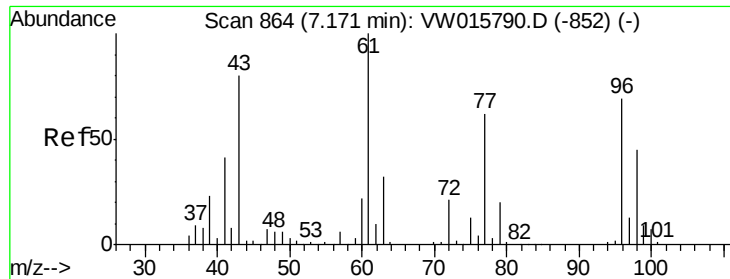
Tgt Ion: 77 Resp: 181835

Ion Ratio Lower Upper

77 100

97 22.4 11.0 33.0

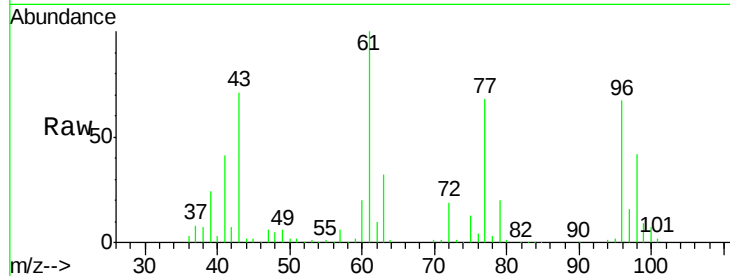




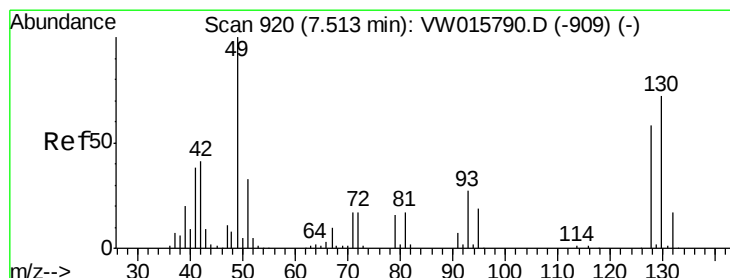
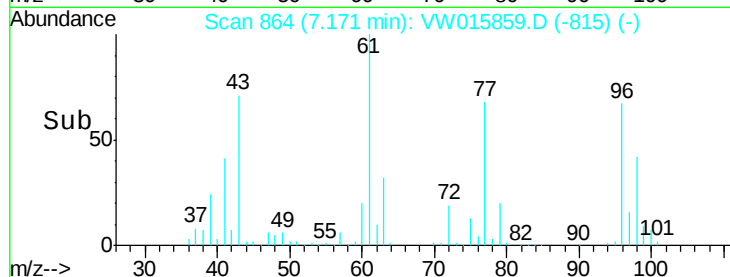
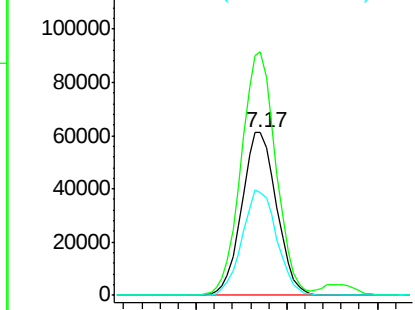
#27
 cis-1,2-Dichloroethene
 Concen: 51.076 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW015859.D
 Acq: 16 Jul 2020 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 96 Resp: 163238
 Ion Ratio Lower Upper
 96 100
 61 148.5 0.0 292.2
 98 64.3 0.0 129.0

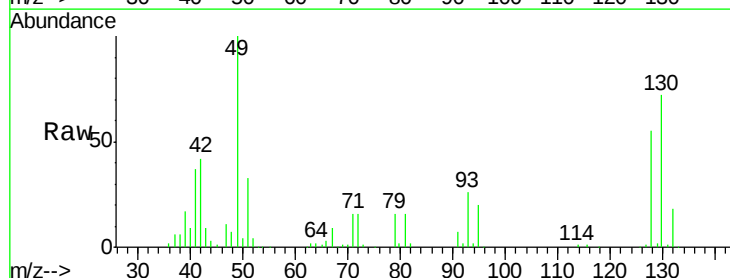


Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW

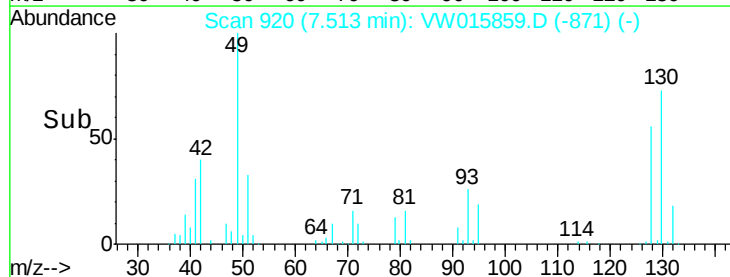
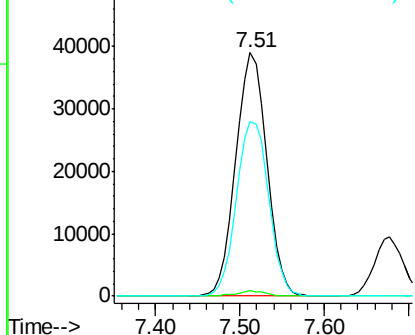


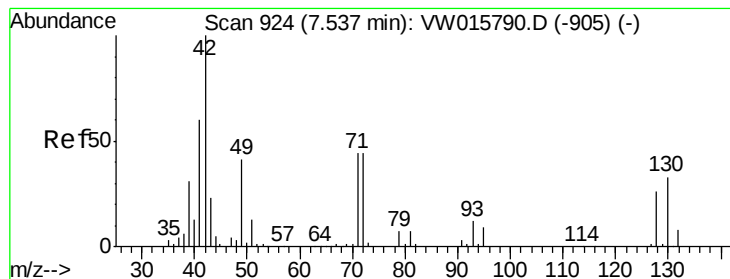
#28
 Bromochloromethane
 Concen: 46.079 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW015859.D
 Acq: 16 Jul 2020 12:36

Tgt Ion: 49 Resp: 97347
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 2.6
 130 74.3 59.5 89.3



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





#29

Tetrahydrofuran

Concen: 240.841 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.00 min

Lab File: VW015859.D

Acq: 16 Jul 2020 12:36

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

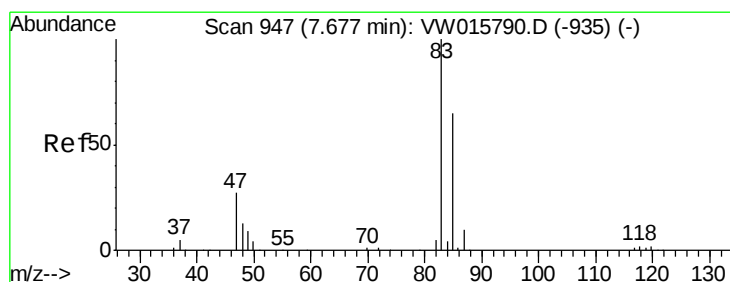
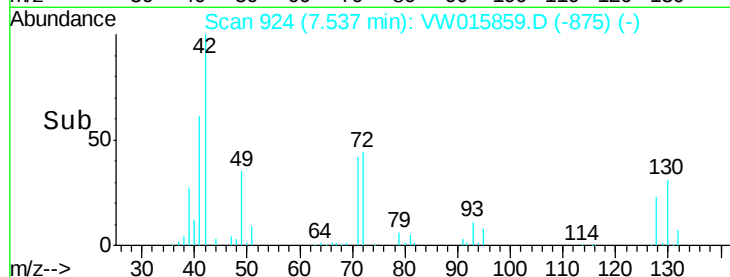
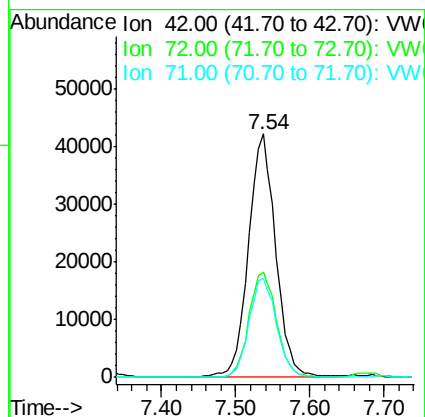
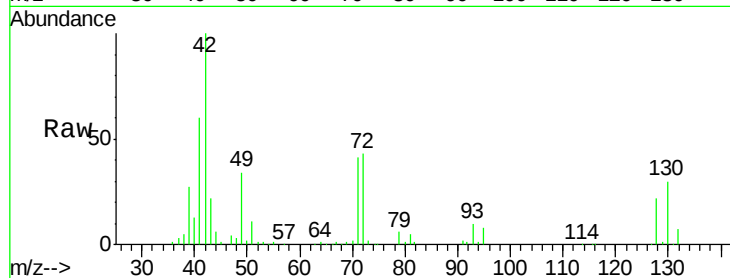
Tot Ion: 42 Resp: 107534

Ion Ratio Lower Upper

42 100

72 44.1 34.6 51.8

71 41.4 32.8 49.2



#30

Chloroform

Concen: 49.529 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.00 min

Lab File: VW015859.D

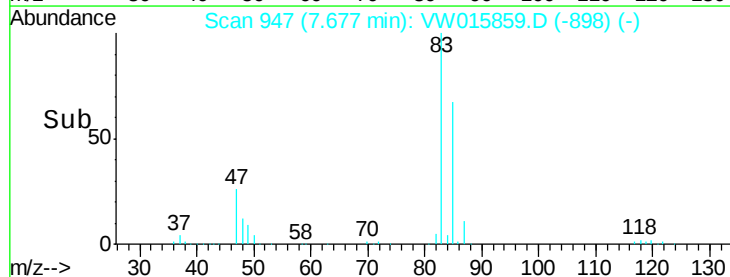
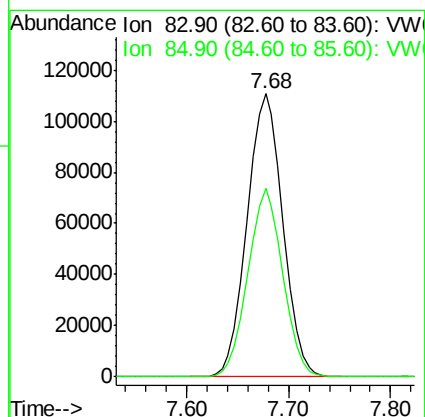
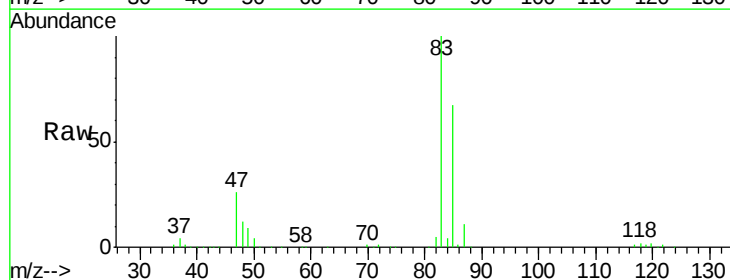
Acq: 16 Jul 2020 12:36

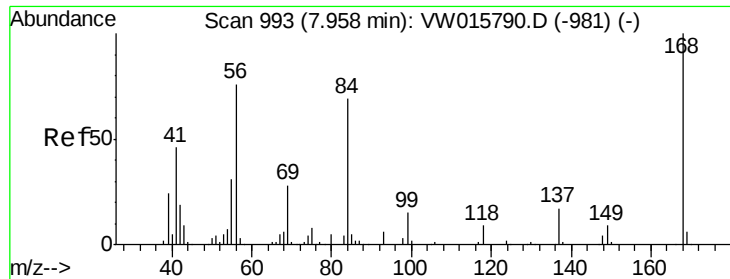
Tgt Ion: 83 Resp: 269807

Ion Ratio Lower Upper

83 100

85 66.6 51.6 77.4

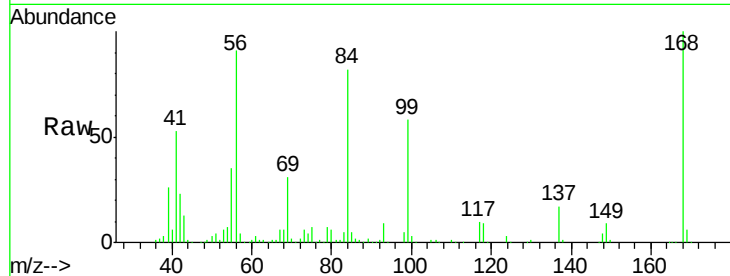




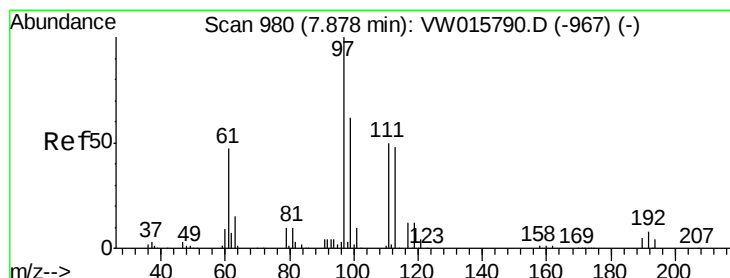
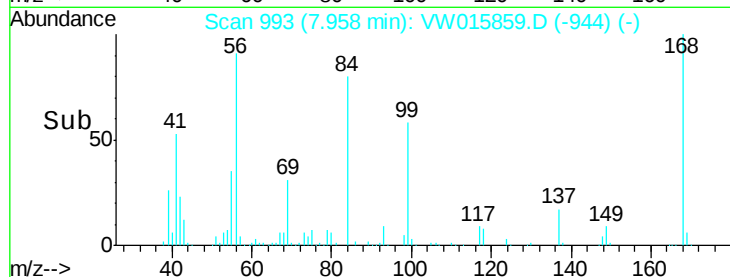
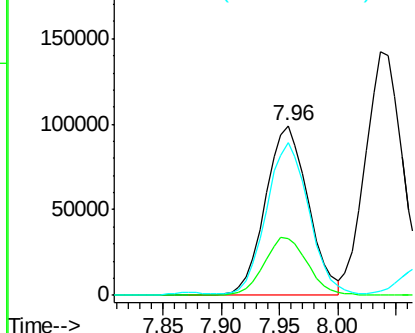
#31
Cyclohexane
Concen: 50.466 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW015859.D
Acq: 16 Jul 2020 12:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 253107
Ion Ratio Lower Upper
56 100
69 33.6 28.9 43.3
84 88.6 72.2 108.4

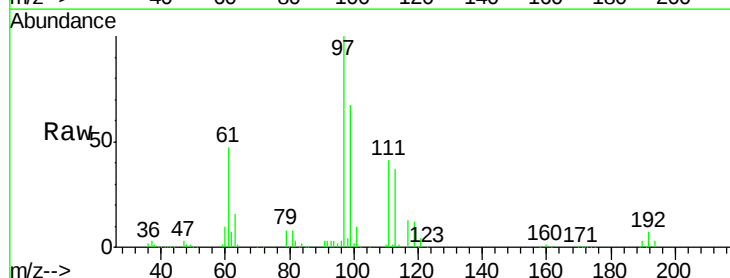


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

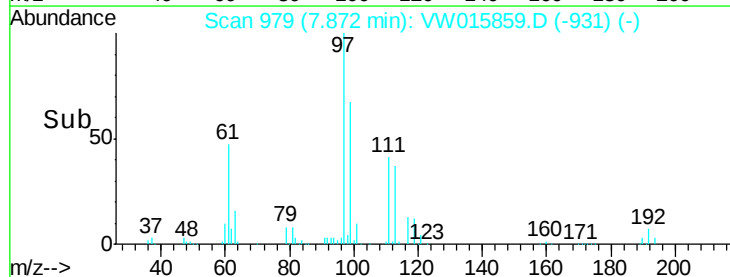
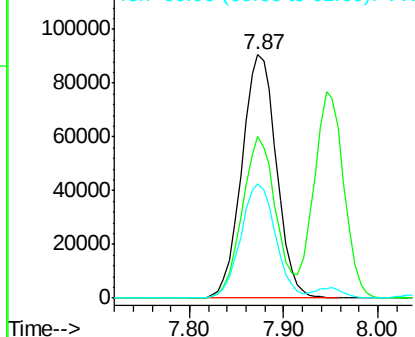


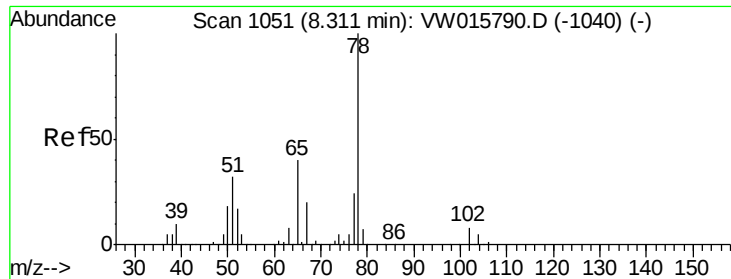
#32
1,1,1-Trichloroethane
Concen: 51.017 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW015859.D
Acq: 16 Jul 2020 12:36

Tgt Ion: 97 Resp: 233039
Ion Ratio Lower Upper
97 100
99 65.2 51.0 76.4
61 46.9 38.6 57.8



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





#33

1,2-Dichloroethane-d4

Concen: 44.705 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW015859.D

Acq: 16 Jul 2020 12:36

Instrument :

MSVOA_W

ClientSampleId :

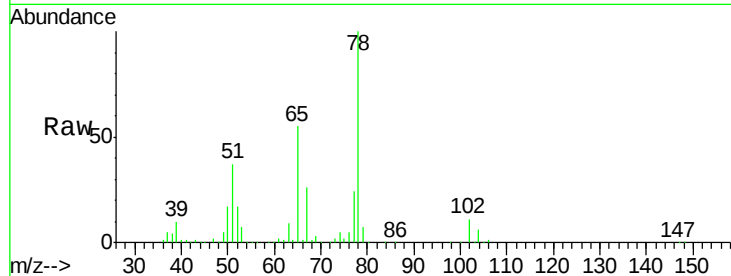
VSTDCCC050

Tot Ion: 65 Resp: 129509

Ion Ratio Lower Upper

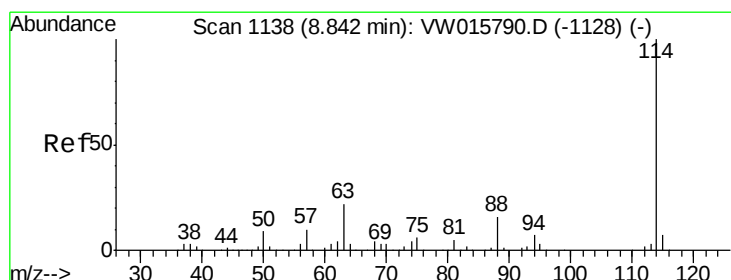
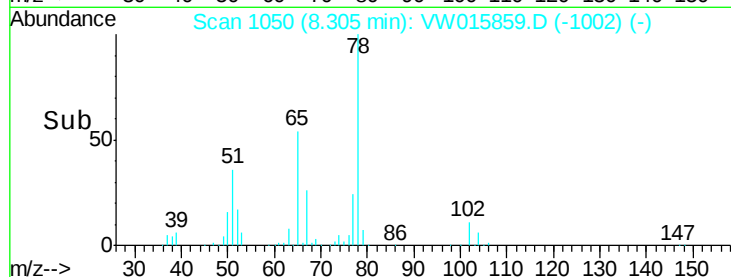
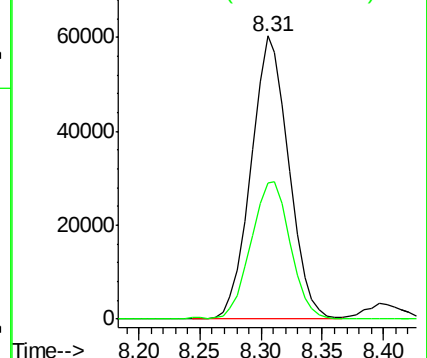
65 100

67 51.1 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW015859.D

Acq: 16 Jul 2020 12:36

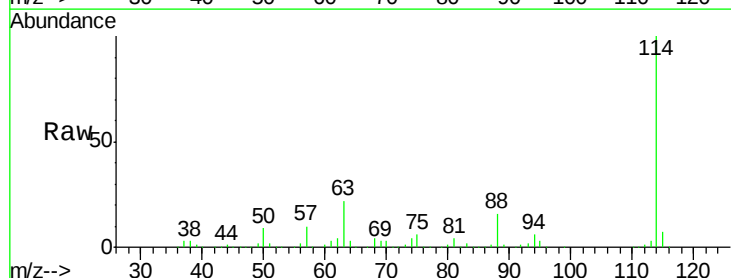
Tgt Ion: 114 Resp: 439658

Ion Ratio Lower Upper

114 100

63 21.6 0.0 44.4

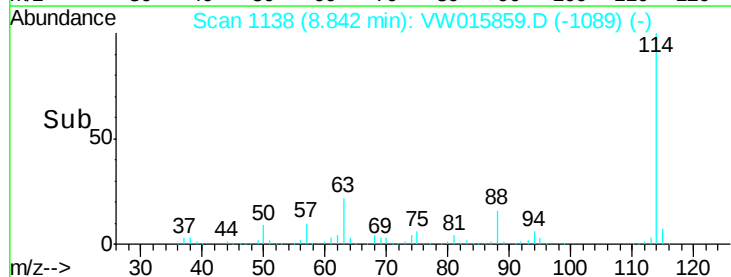
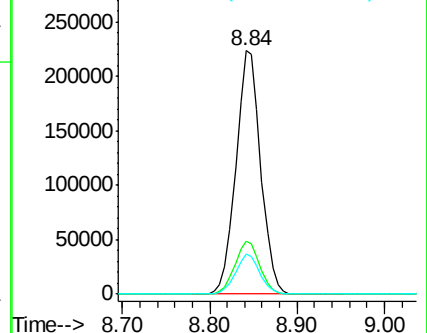
88 16.3 0.0 32.6

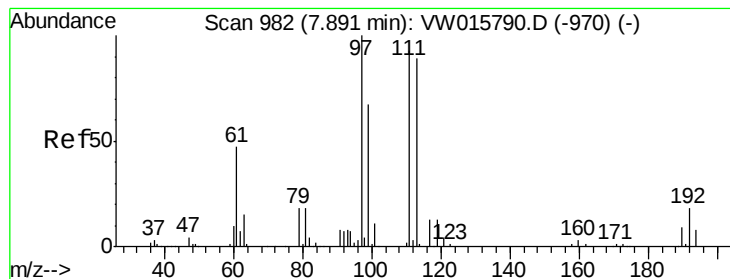


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 47.046 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW015859.D

Acq: 16 Jul 2020 12:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

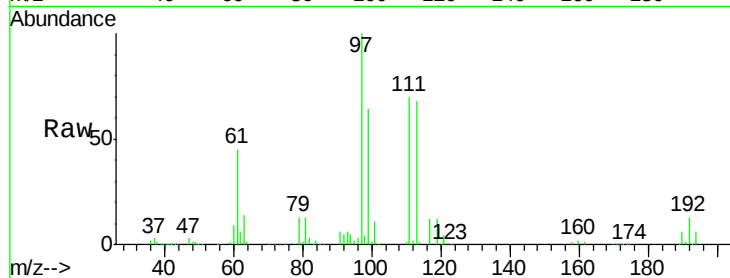
Tot Ion:113 Resp: 120674

Ion Ratio Lower Upper

113 100

111 103.5 82.8 124.2

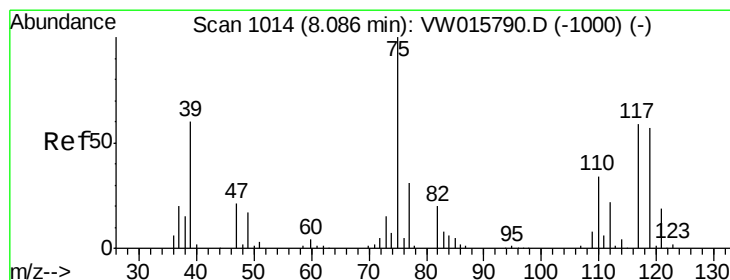
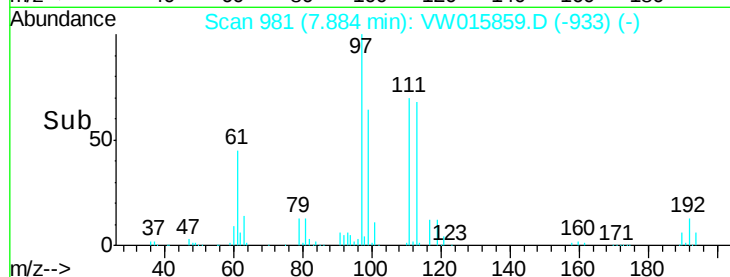
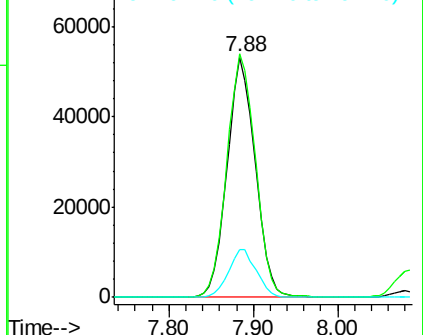
192 19.7 15.4 23.2



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: 52.290 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW015859.D

Acq: 16 Jul 2020 12:36

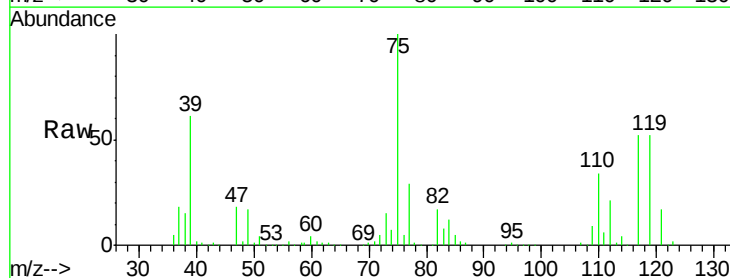
Tgt Ion: 75 Resp: 226624

Ion Ratio Lower Upper

75 100

110 33.7 16.8 50.3

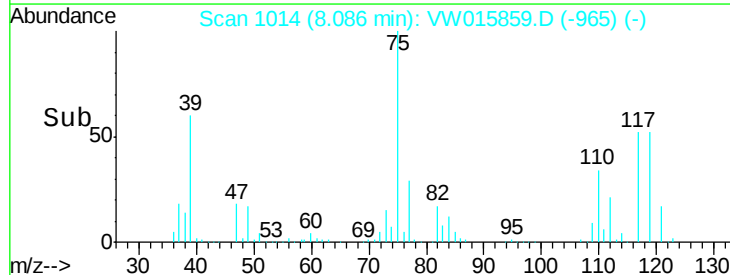
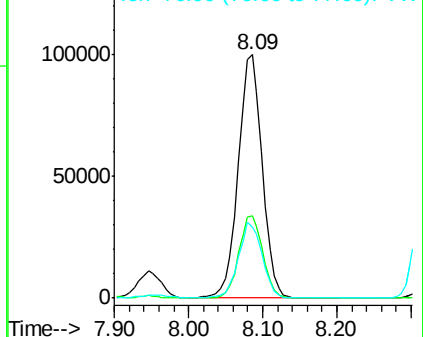
77 30.9 24.7 37.1

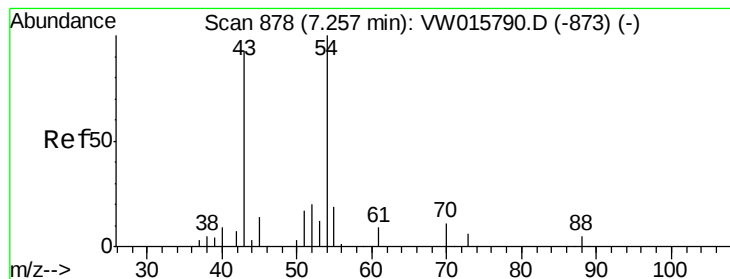


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 47.816 ug/l

RT: 7.26 min Scan# 878

Delta R.T. -0.00 min

Lab File: VW015859.D

Acq: 16 Jul 2020 12:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

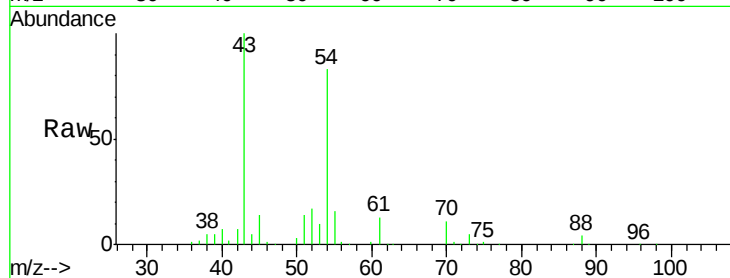
Tot Ion: 43 Resp: 80524

Ion Ratio Lower Upper

43 100

61 14.0 10.4 15.6

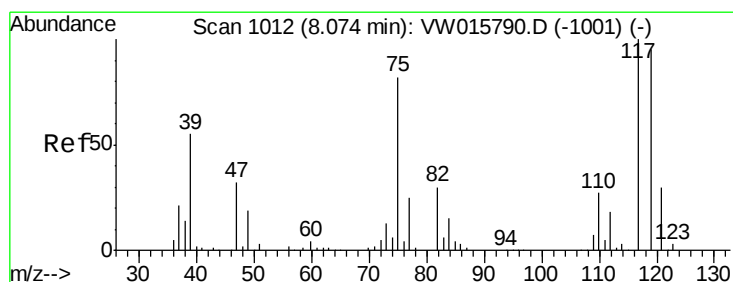
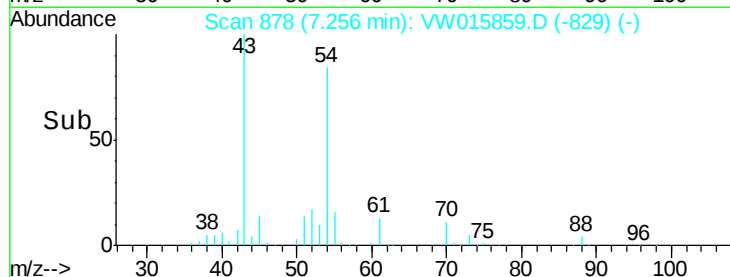
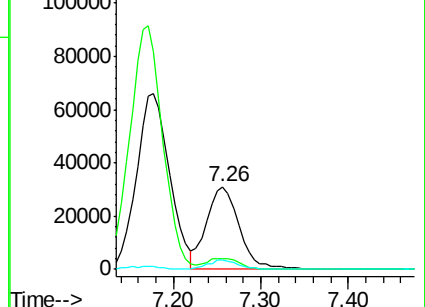
70 10.2 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 50.402 ug/l

RT: 8.07 min Scan# 1012

Delta R.T. -0.00 min

Lab File: VW015859.D

Acq: 16 Jul 2020 12:36

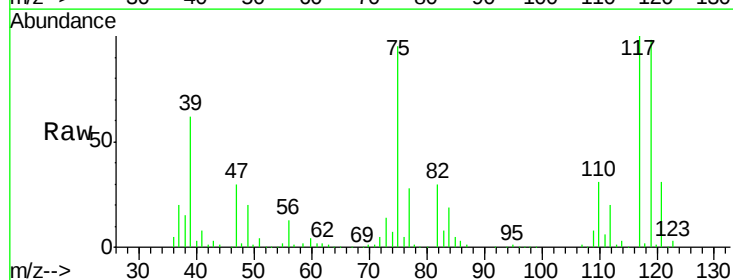
Tgt Ion: 117 Resp: 211372

Ion Ratio Lower Upper

117 100

119 97.8 76.3 114.5

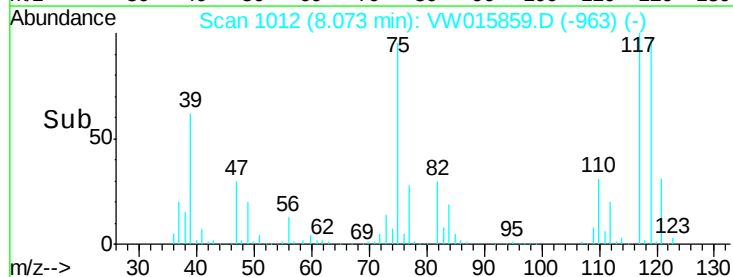
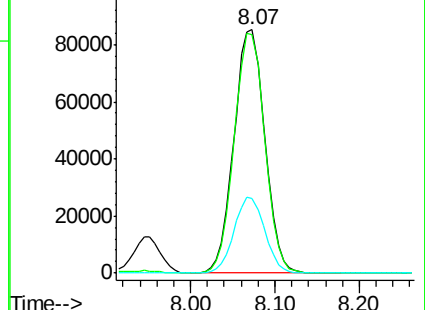
121 30.5 24.0 36.0

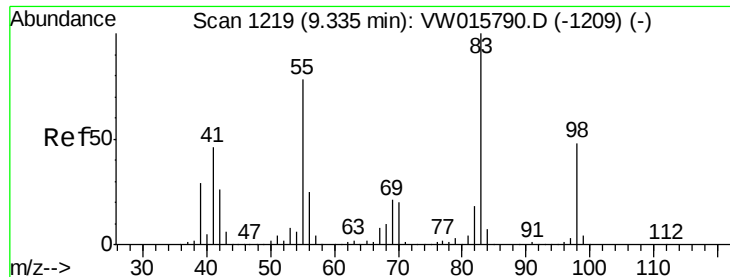


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

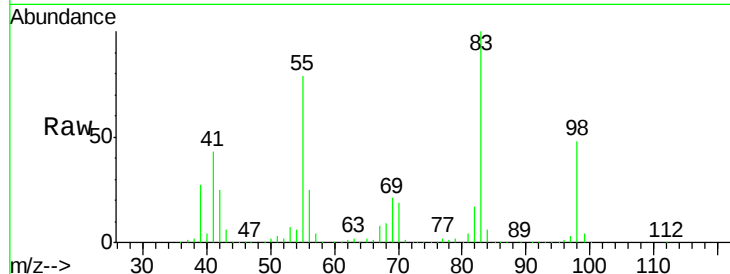




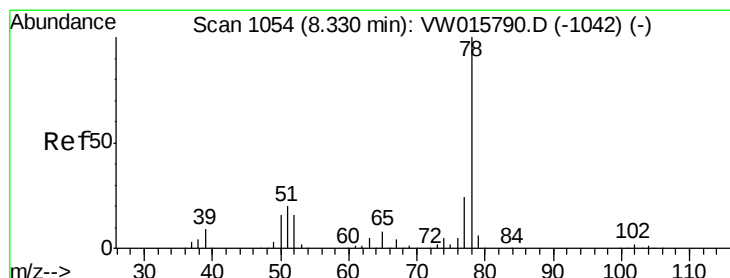
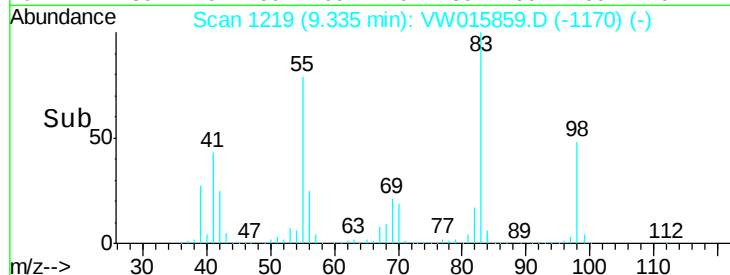
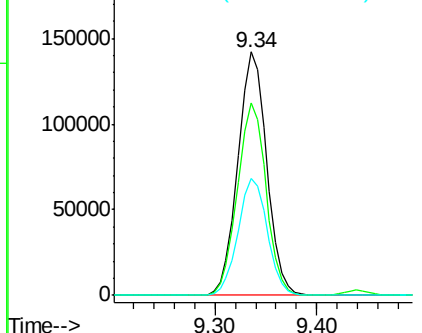
#39
Methvlcvclohexane
Concen: 54.541 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW015859.D
Acq: 16 Jul 2020 12:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 278929
Ion Ratio Lower Upper
83 100
55 79.0 62.6 94.0
98 48.1 38.6 58.0

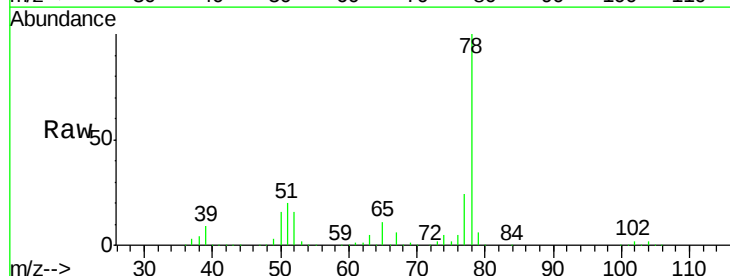


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

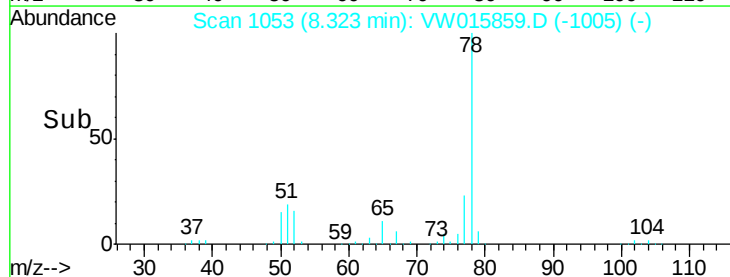
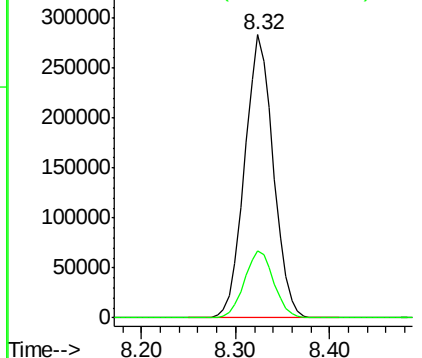


#40
Benzene
Concen: 50.934 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW015859.D
Acq: 16 Jul 2020 12:36

Tgt Ion: 78 Resp: 604687
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6



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

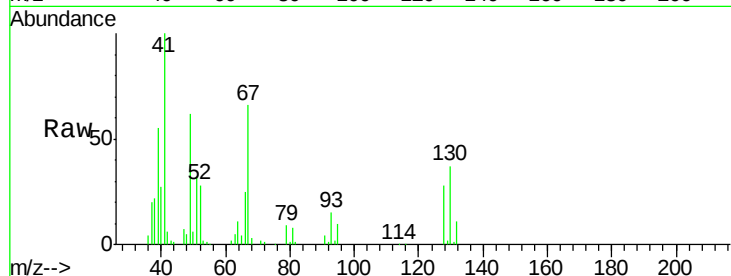




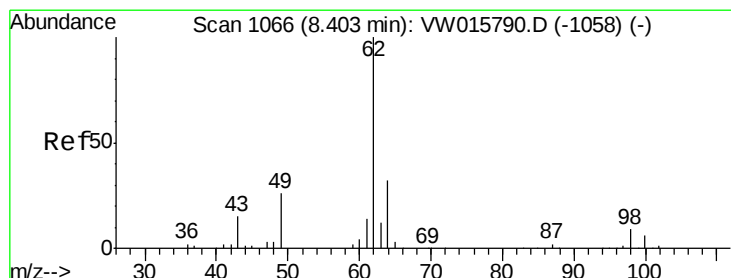
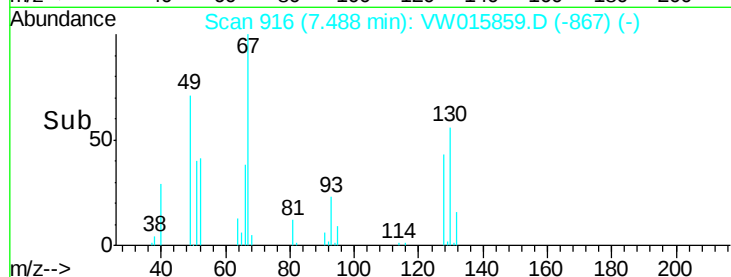
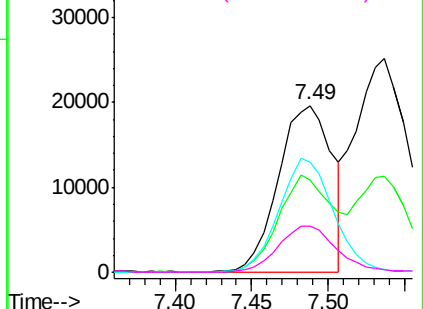
#41
Methacrylonitrile
Concen: 50.145 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW015859.D
Acq: 16 Jul 2020 12:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	47941
Ion	Ratio	Lower	Upper
41	100		
39	61.2	44.6	66.8
67	69.5	56.4	84.6
52	30.5	25.4	38.2

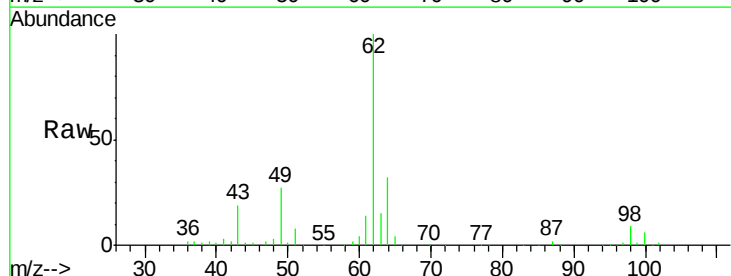


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

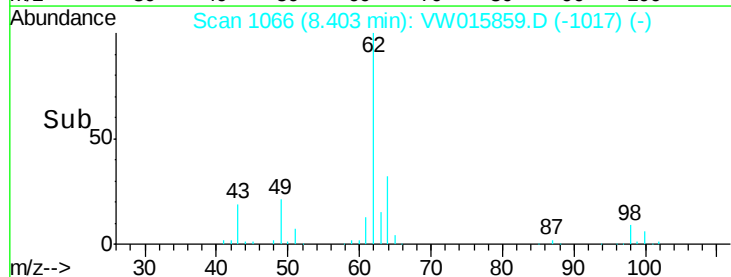
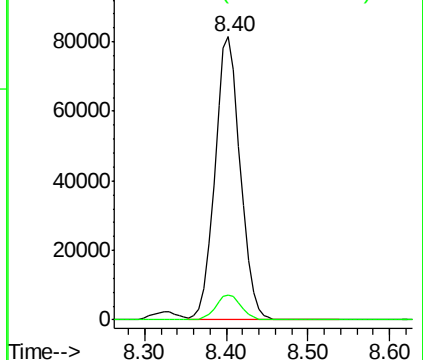


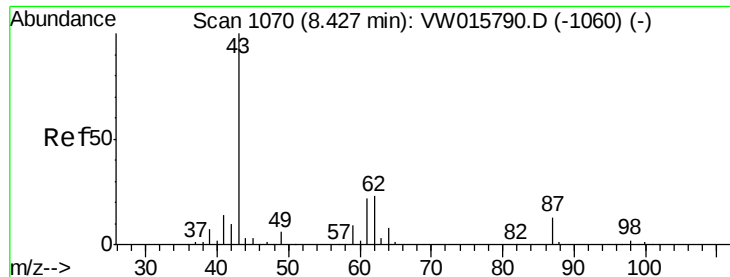
#42
1,2-Dichloroethane
Concen: 47.647 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW015859.D
Acq: 16 Jul 2020 12:36

Tgt Ion:	62	Resp:	176053
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.2



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





#43

Isopropyl Acetate

Concen: 47.778 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW015859.D

Acq: 16 Jul 2020 12:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

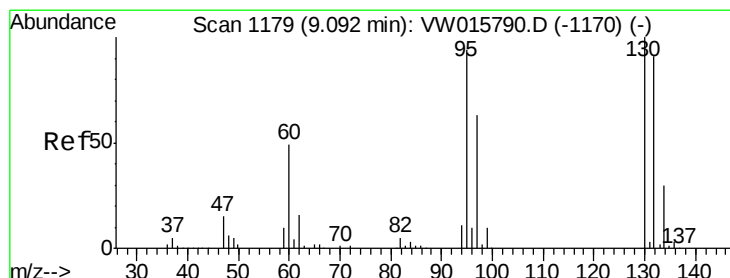
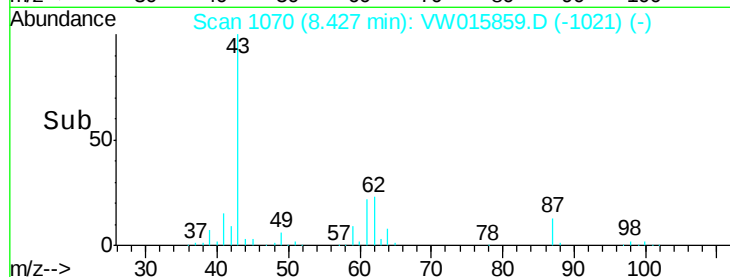
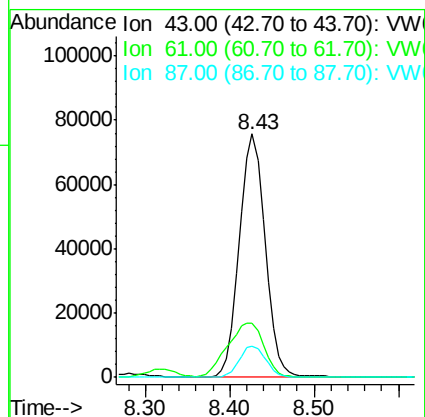
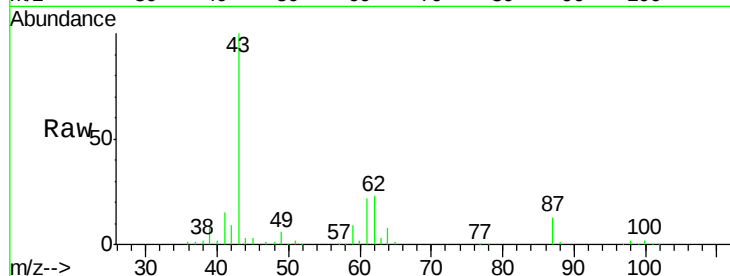
Tot Ion: 43 Resp: 157051

Ion Ratio Lower Upper

43 100

61 31.5 24.8 37.2

87 13.0 10.4 15.6



#44

Trichloroethene

Concen: 50.931 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW015859.D

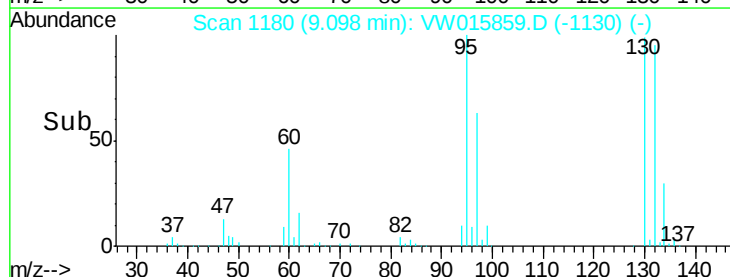
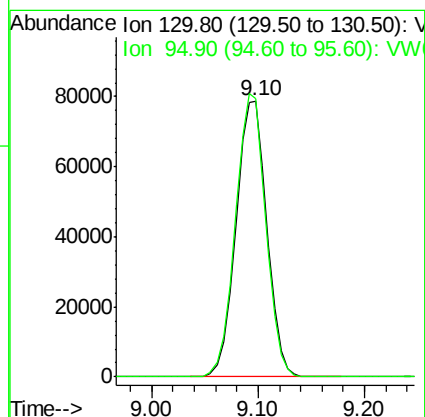
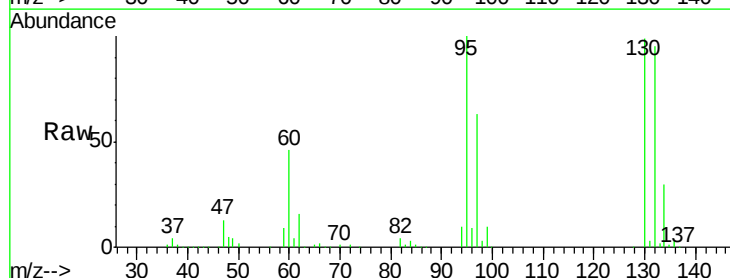
Acq: 16 Jul 2020 12:36

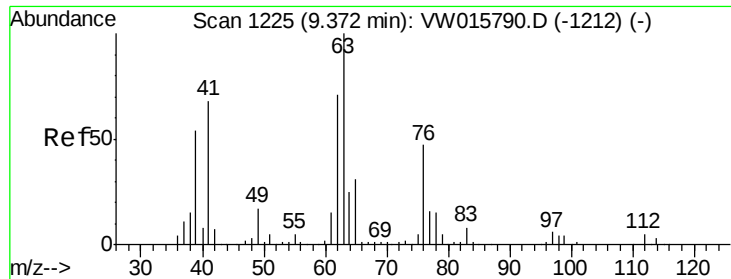
Tgt Ion: 130 Resp: 159932

Ion Ratio Lower Upper

130 100

95 100.8 0.0 188.6

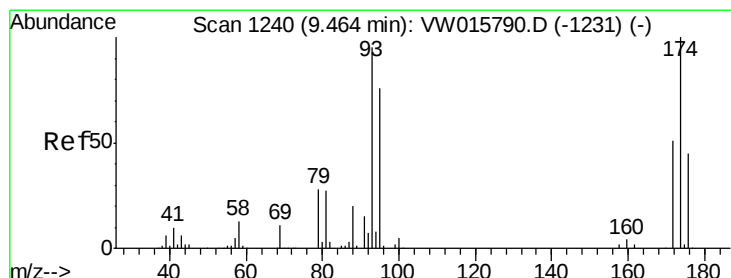
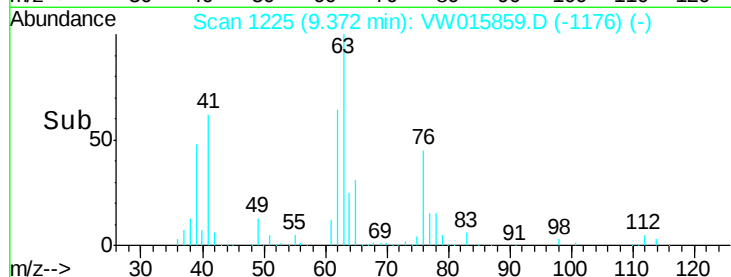
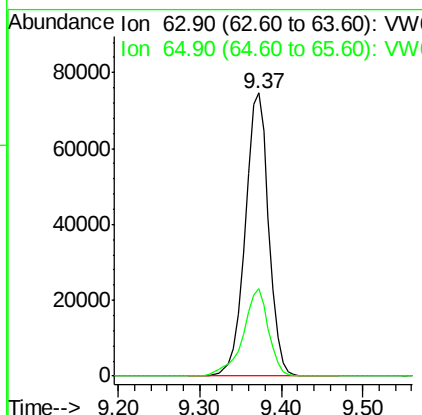
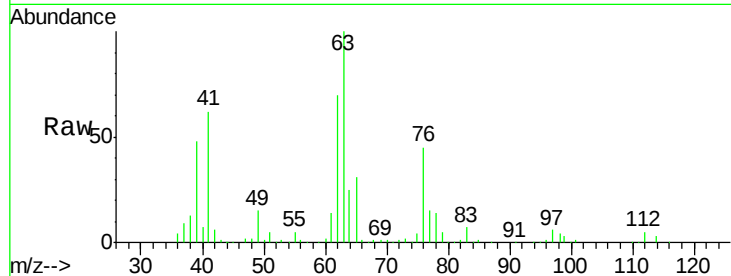




#45
 1,2-Dichloropropane
 Concen: 51.055 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW015859.D
 Acq: 16 Jul 2020 12:36

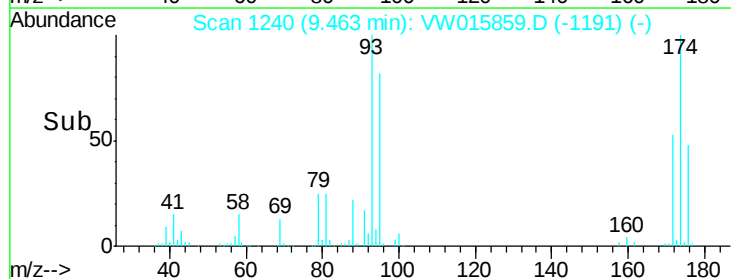
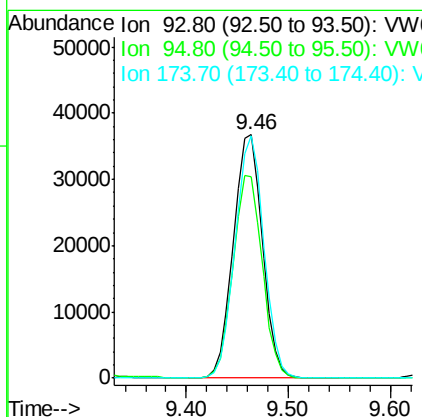
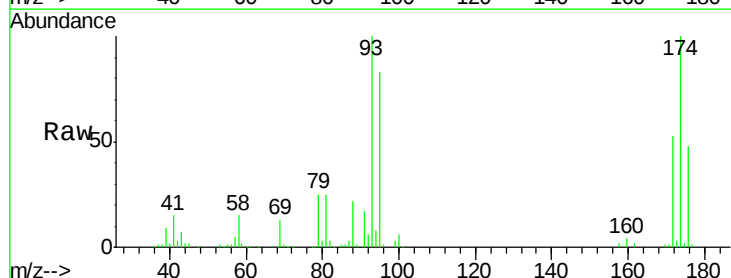
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 148985
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.5 36.7



#46
 Dibromomethane
 Concen: 48.360 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW015859.D
 Acq: 16 Jul 2020 12:36

Tgt Ion: 93 Resp: 72653
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.0 99.0
 174 98.0 78.7 118.1





#47

Bromodichloromethane

Concen: 50.933 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW015859.D

Acq: 16 Jul 2020 12:36

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

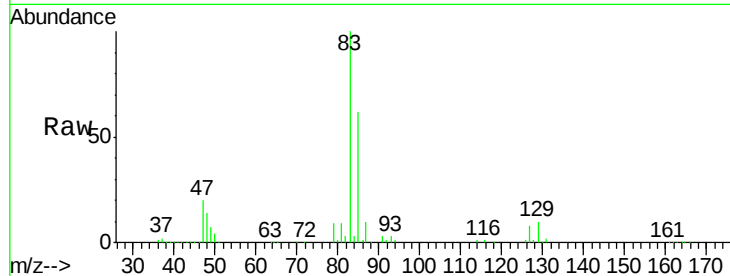
Tot Ion: 83 Resp: 197922

Ion Ratio Lower Upper

83 100

85 62.1 50.6 76.0

127 7.8 6.2 9.2



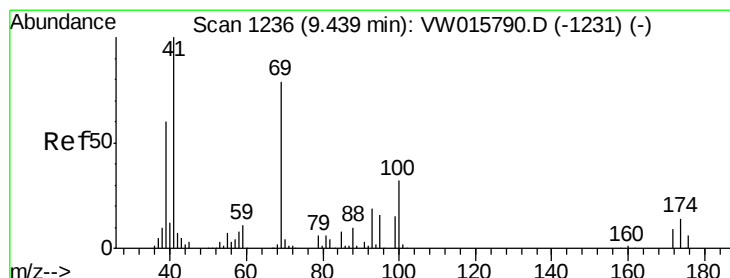
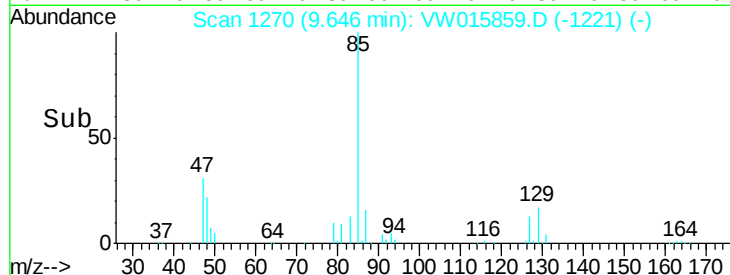
Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V

9.65

100000

50000

Time--> 9.50 9.60 9.70 9.80



#48

Methyl methacrylate

Concen: 49.183 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW015859.D

Acq: 16 Jul 2020 12:36

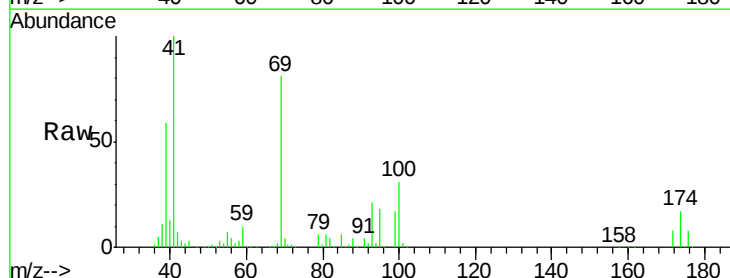
Tgt Ion: 41 Resp: 74092

Ion Ratio Lower Upper

41 100

69 87.3 67.1 100.7

39 59.7 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

9.44

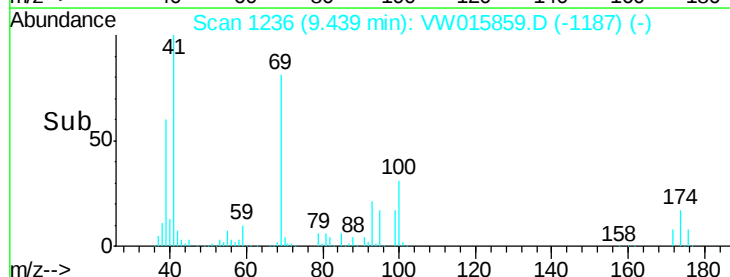
40000

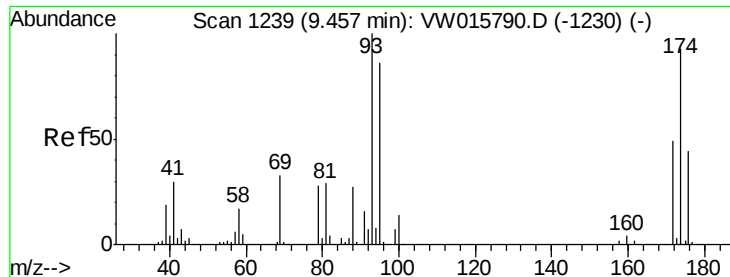
30000

20000

10000

Time--> 9.40 9.45

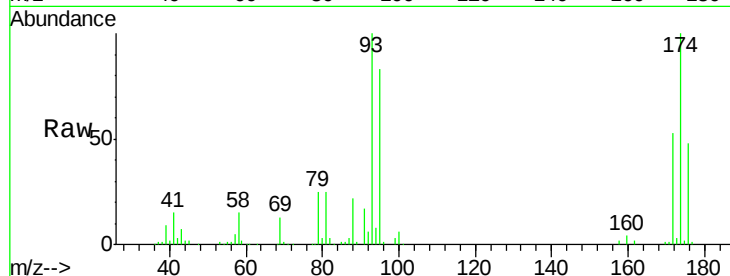




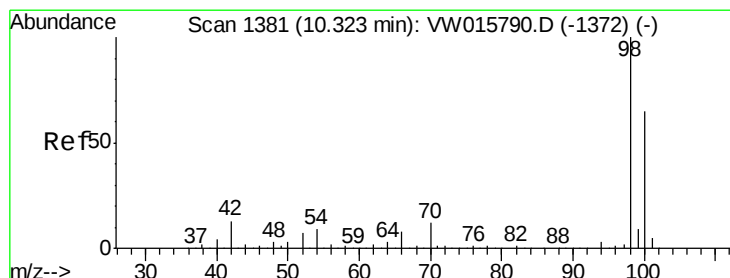
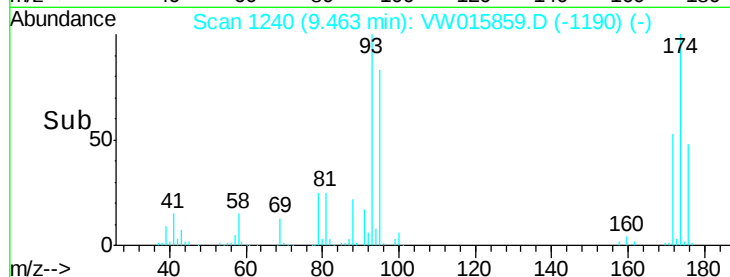
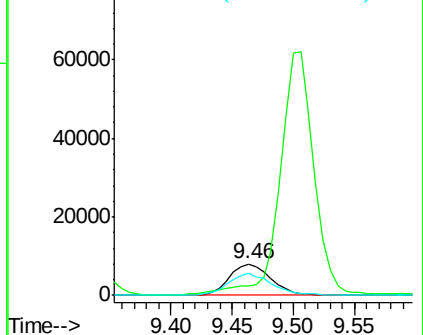
#49
1,4-Dioxane
Concen: 1014.380 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.01 min
Lab File: VW015859.D
Acq: 16 Jul 2020 12:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 18841
Ion Ratio Lower Upper
88 100
43 0.0 28.1 42.1#
58 75.1 59.3 88.9

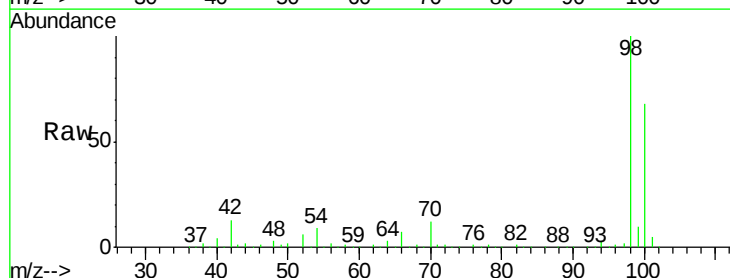


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

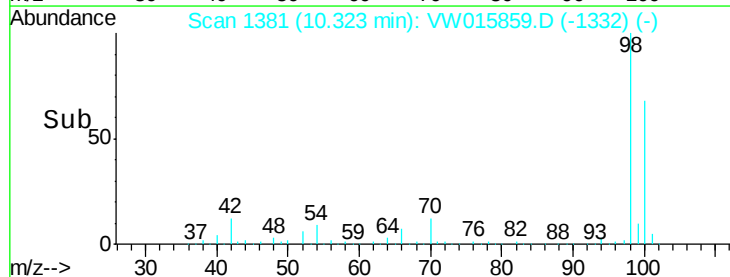
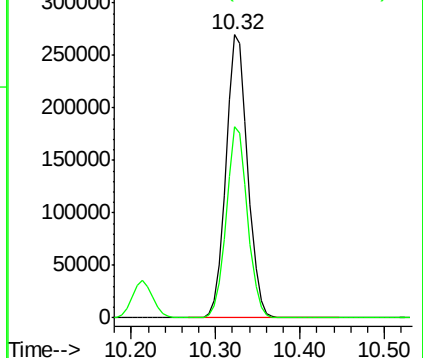


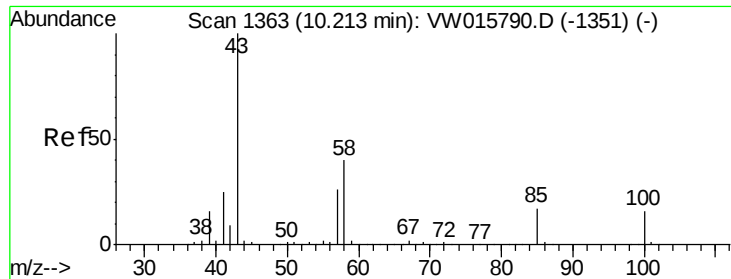
#50
Toluene-d8
Concen: 47.997 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW015859.D
Acq: 16 Jul 2020 12:36

Tgt Ion: 98 Resp: 472897
Ion Ratio Lower Upper
98 100
100 66.3 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: 240.708 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW015859.D

Acq: 16 Jul 2020 12:36

Instrument :

MSVOA_W

ClientSampleId :

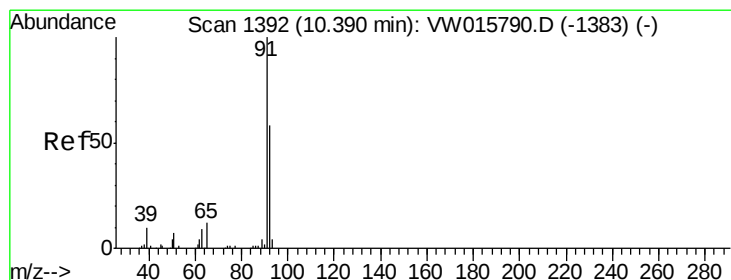
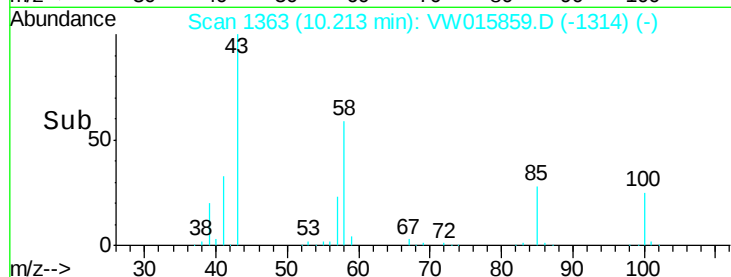
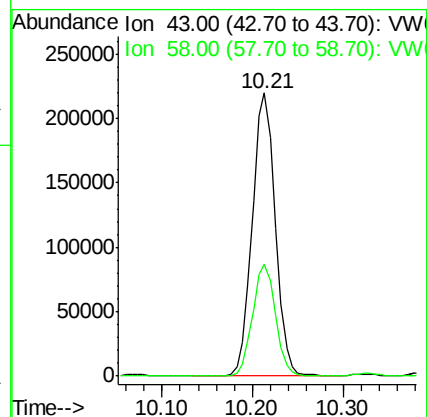
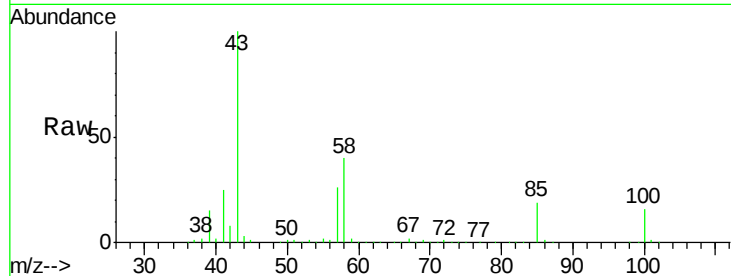
VSTDCCC050

Tot Ion: 43 Resp: 386103

Ion Ratio Lower Upper

43 100

58 39.5 30.9 46.3



#52

Toluene

Concen: 51.474 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015859.D

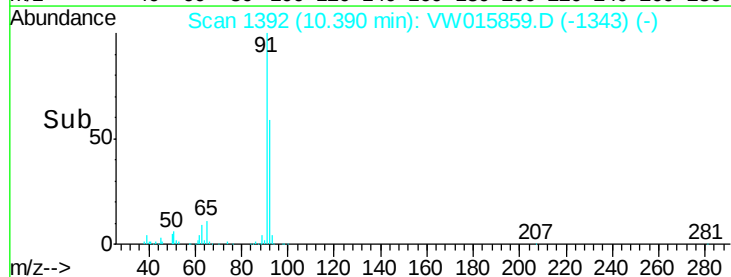
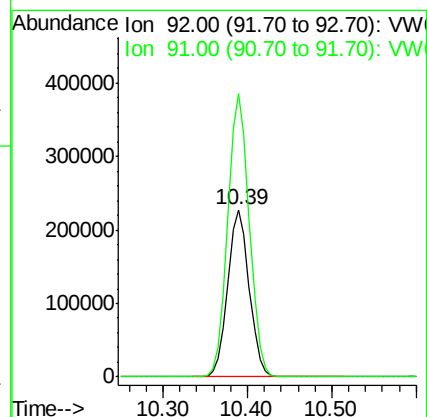
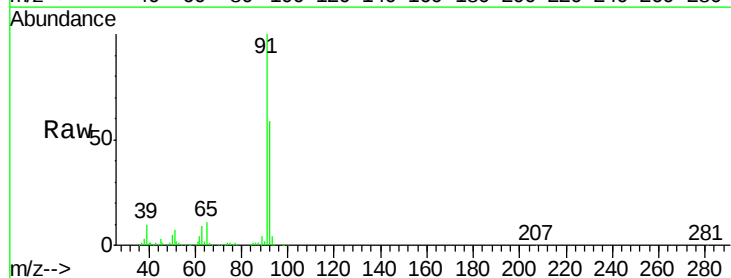
Acq: 16 Jul 2020 12:36

Tgt Ion: 92 Resp: 393250

Ion Ratio Lower Upper

92 100

91 170.3 137.1 205.7

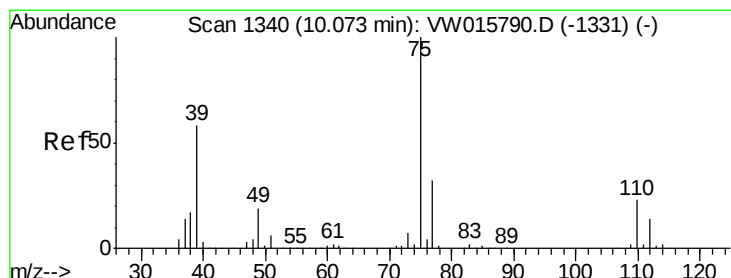
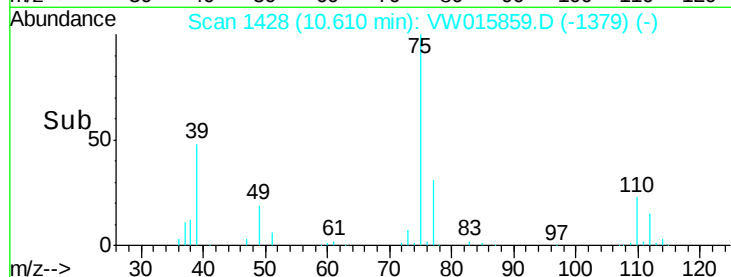
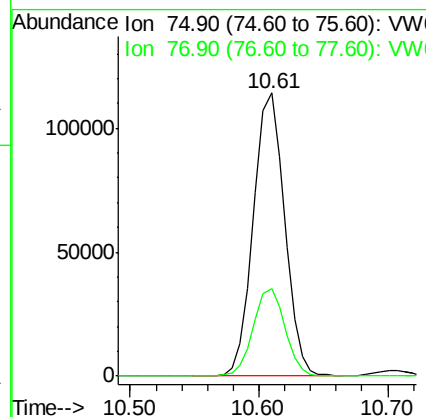
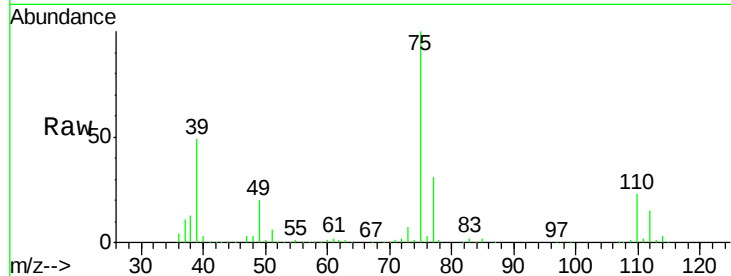




#53
 t-1,3-Dichloropropene
 Concen: 51.373 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW015859.D
 Acq: 16 Jul 2020 12:36

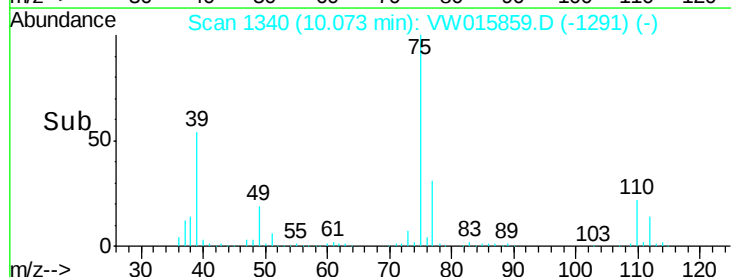
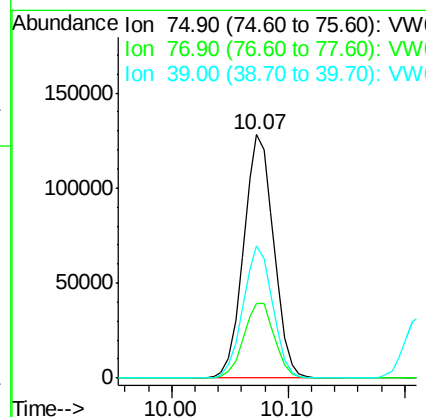
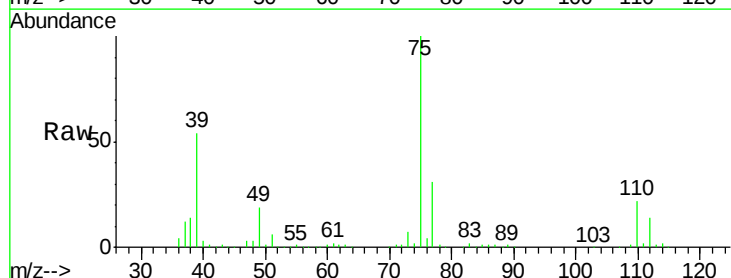
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

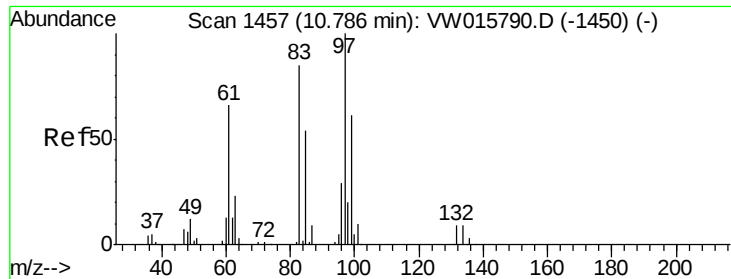
Tot Ion: 75 Resp: 191540
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 51.596 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW015859.D
 Acq: 16 Jul 2020 12:36

Tgt Ion: 75 Resp: 230118
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.2 37.8
 39 54.1 46.0 69.0

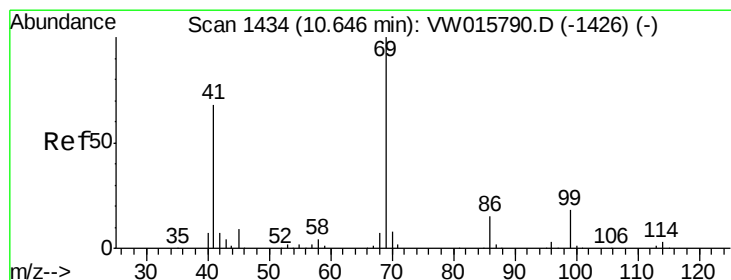
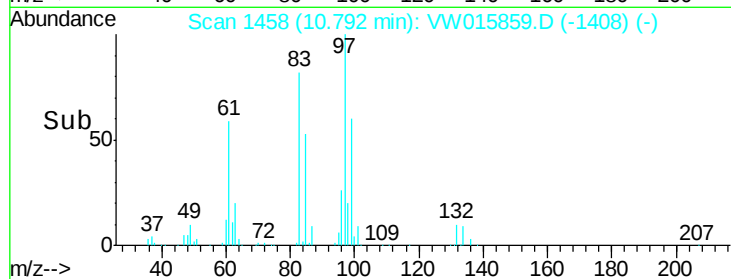
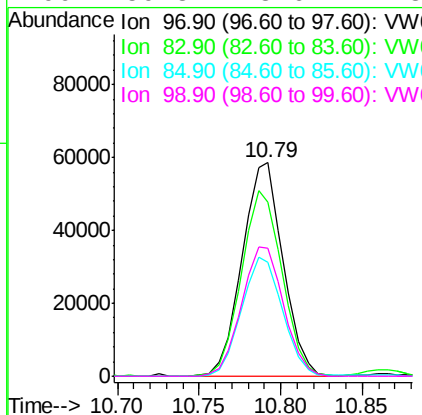
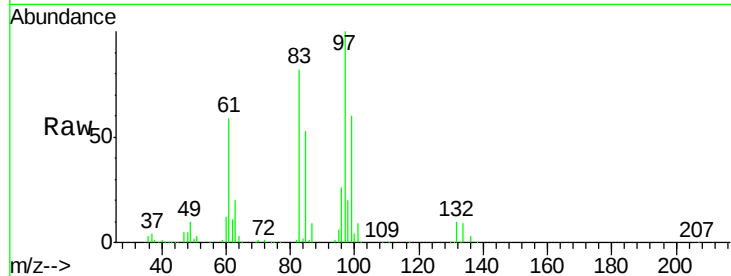




#55
 1,1,2-Trichloroethane
 Concen: 48.788 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: VW015859.D
 Acq: 16 Jul 2020 12:36

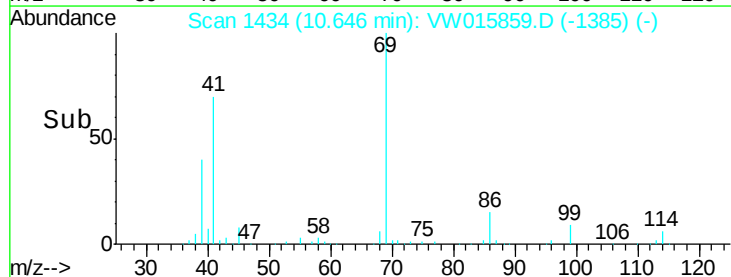
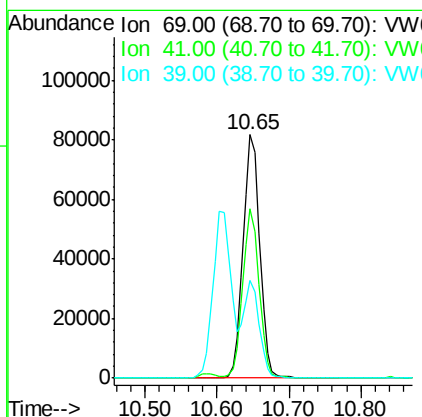
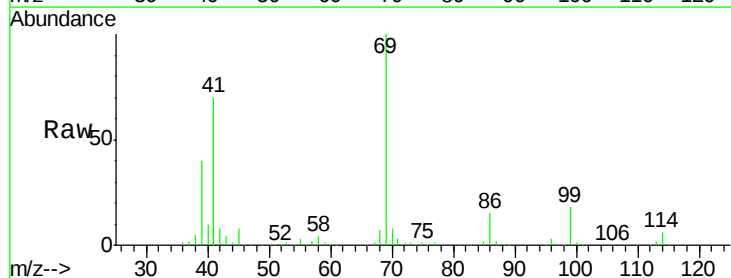
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

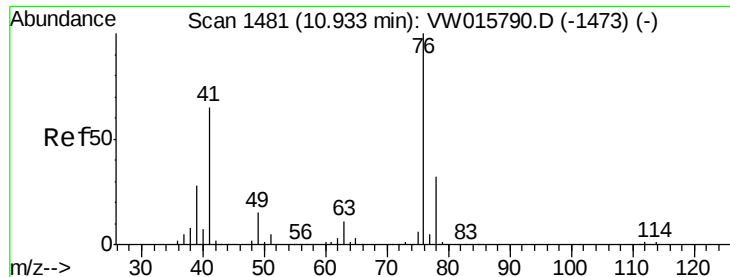
Tot Ion:	97	Resp:	101636
Ion	Ratio	Lower	Upper
97	100		
83	81.9	68.2	102.4
85	53.2	43.4	65.0
99	59.8	48.6	72.8



#56
 Ethyl methacrylate
 Concen: 51.167 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW015859.D
 Acq: 16 Jul 2020 12:36

Tgt Ion:	69	Resp:	131045
Ion	Ratio	Lower	Upper
69	100		
41	67.9	55.0	82.6
39	38.4	33.8	50.8

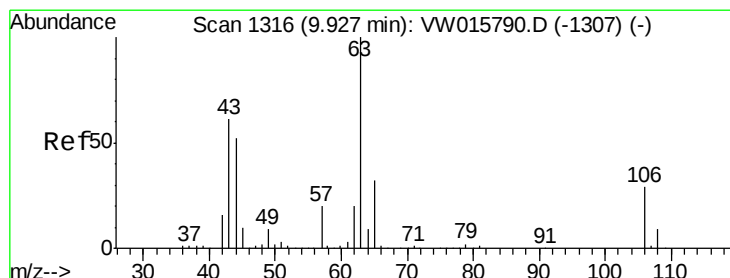
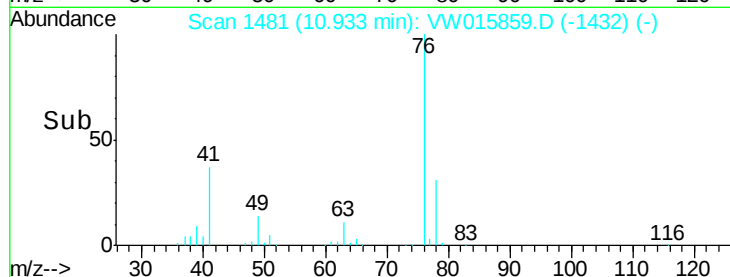
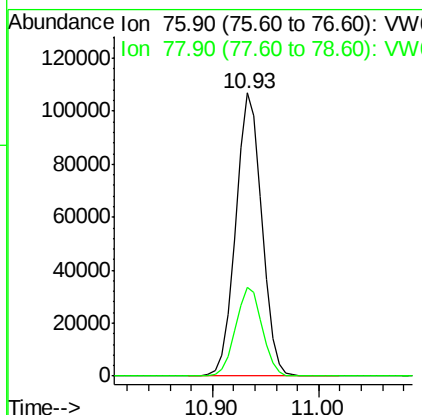
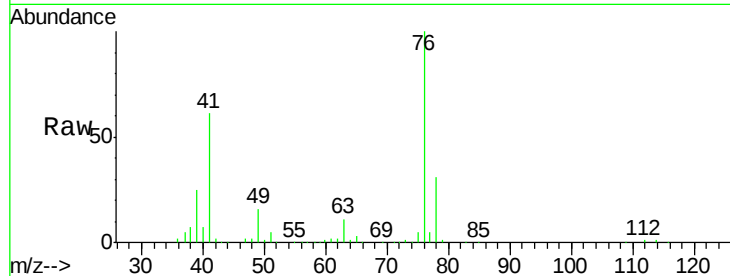




#57
 1,3-Dichloropropane
 Concen: 49.743 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW015859.D
 Acq: 16 Jul 2020 12:36

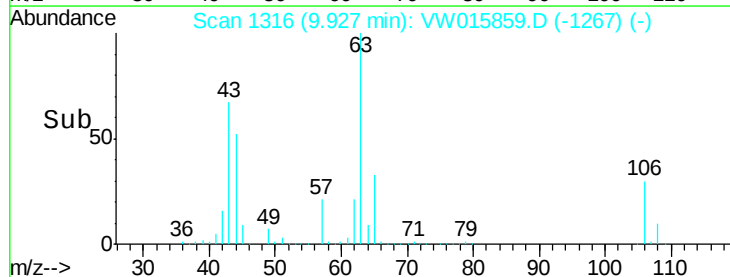
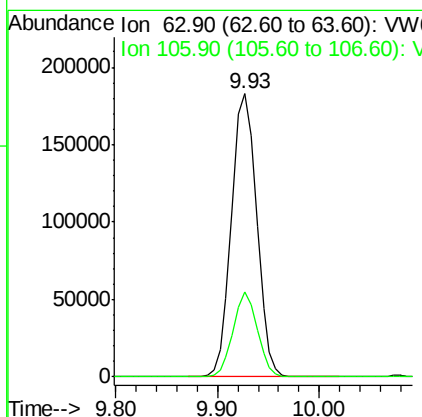
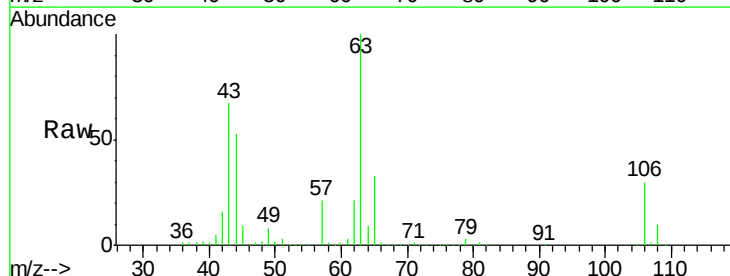
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

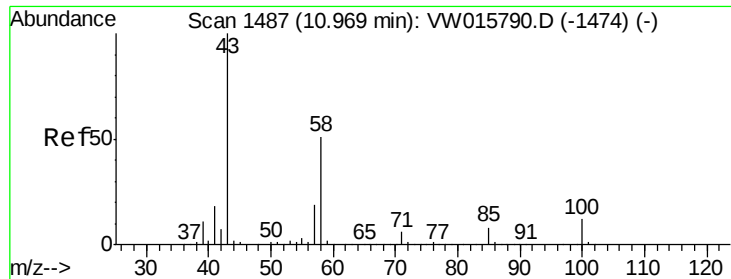
Tot Ion: 76 Resp: 183439
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 250.131 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW015859.D
 Acq: 16 Jul 2020 12:36

Tgt Ion: 63 Resp: 313020
 Ion Ratio Lower Upper
 63 100
 106 28.6 23.1 34.7





#59

2-Hexanone

Concen: 251.202 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW015859.D

Acq: 16 Jul 2020 12:36

Instrument :

MSVOA_W

ClientSampleId :

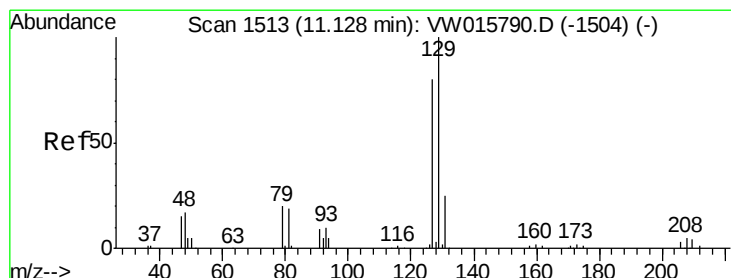
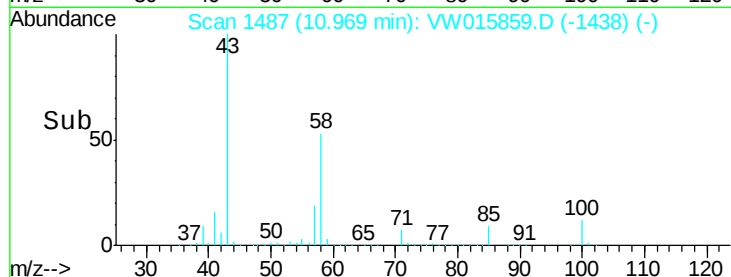
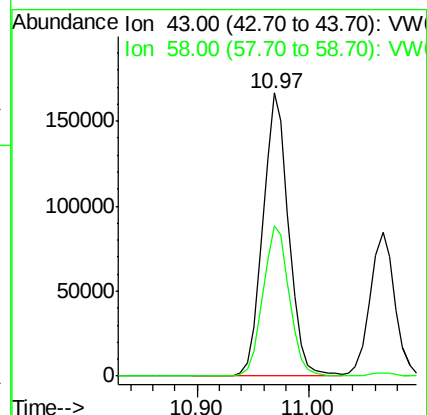
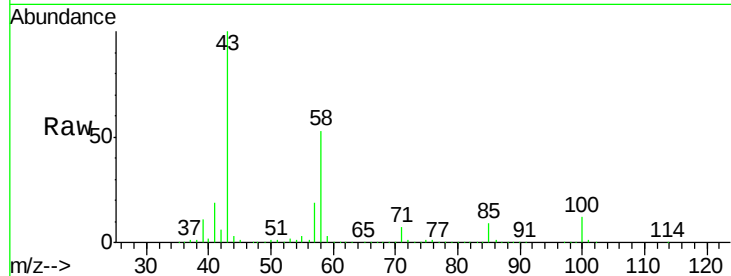
VSTDCCC050

Tot Ion: 43 Resp: 268901

Ion Ratio Lower Upper

43 100

58 54.2 26.2 78.5



#60

Dibromochloromethane

Concen: 49.878 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW015859.D

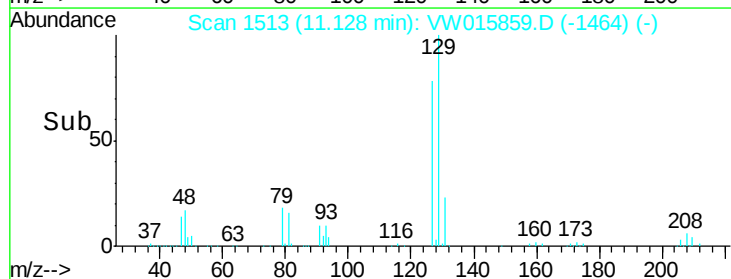
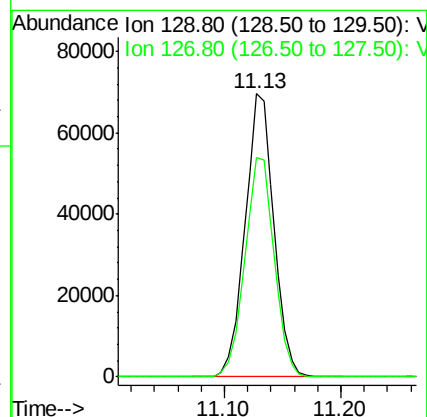
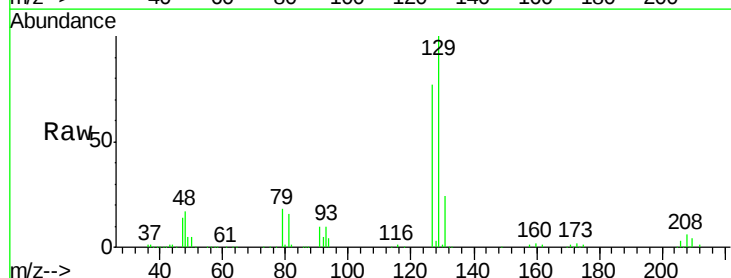
Acq: 16 Jul 2020 12:36

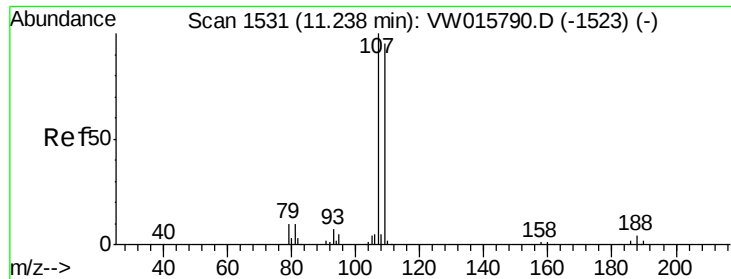
Tgt Ion: 129 Resp: 120004

Ion Ratio Lower Upper

129 100

127 78.9 39.4 118.1

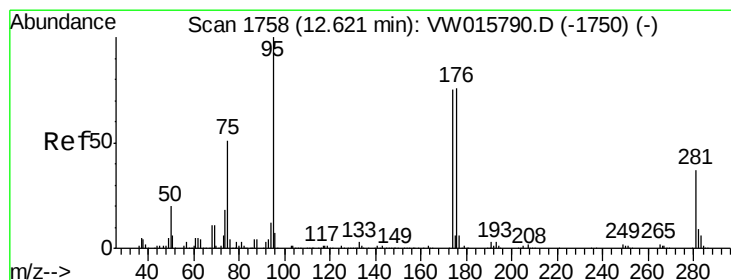
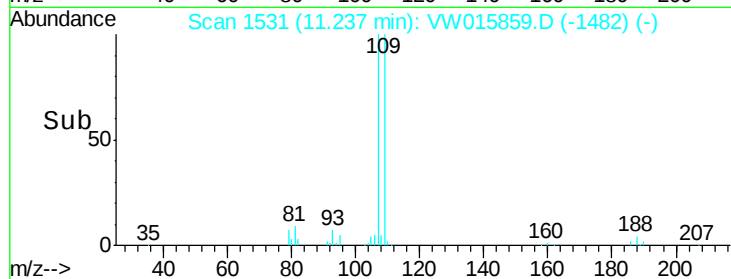
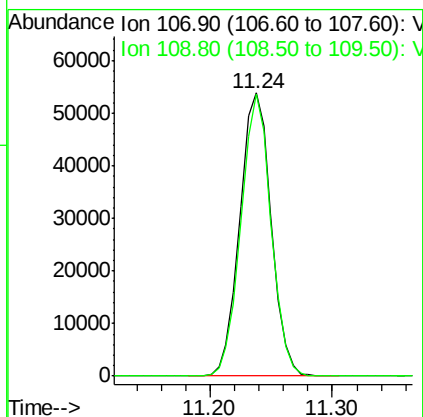
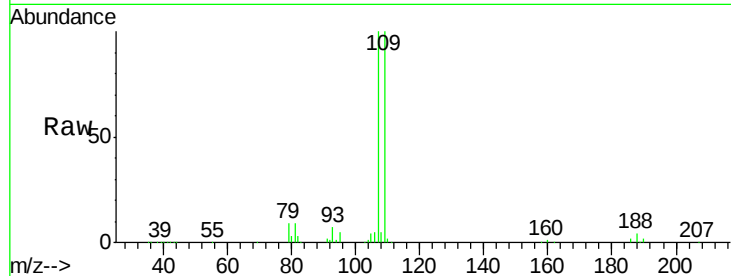




#61
 1,2-Dibromoethane
 Concen: 48.005 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW015859.D
 Acq: 16 Jul 2020 12:36

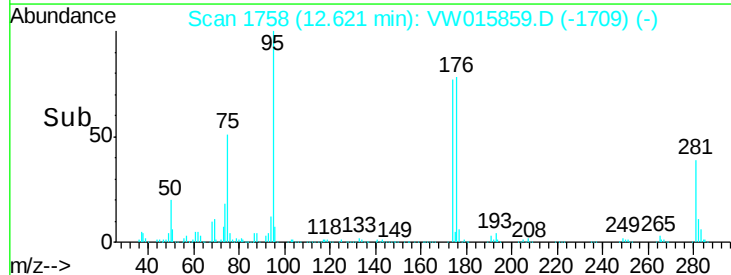
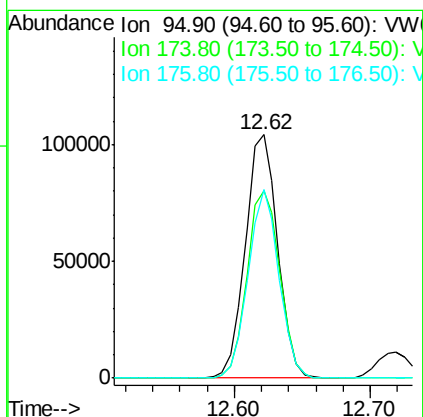
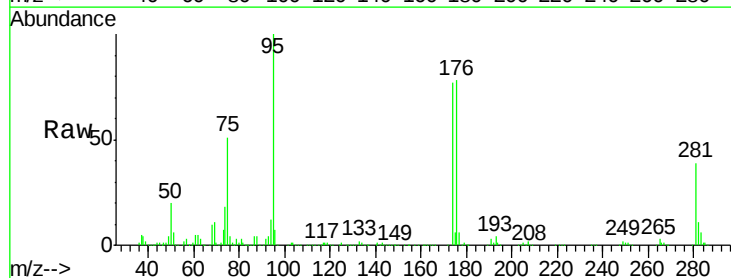
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 95689
 Ion Ratio Lower Upper
 107 100
 109 95.7 77.0 115.6



#62
 4-Bromofluorobenzene
 Concen: 47.884 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW015859.D
 Acq: 16 Jul 2020 12:36

Tgt Ion: 95 Resp: 173120
 Ion Ratio Lower Upper
 95 100
 174 78.2 0.0 150.2
 176 74.2 0.0 148.4

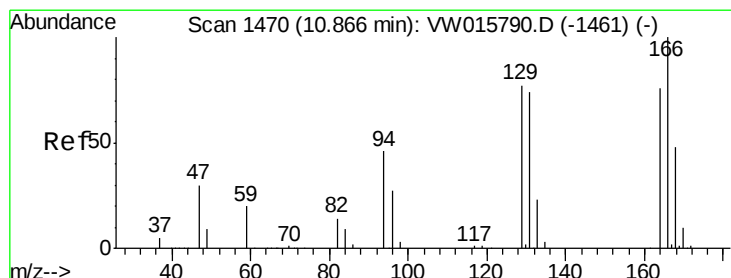
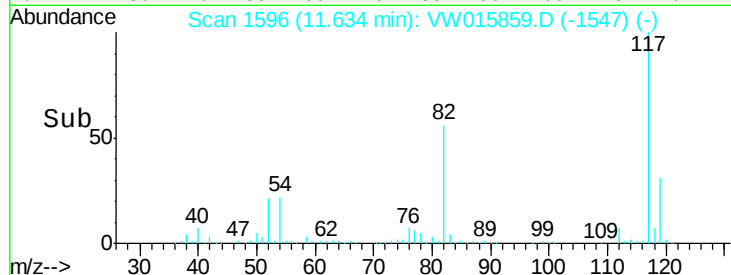
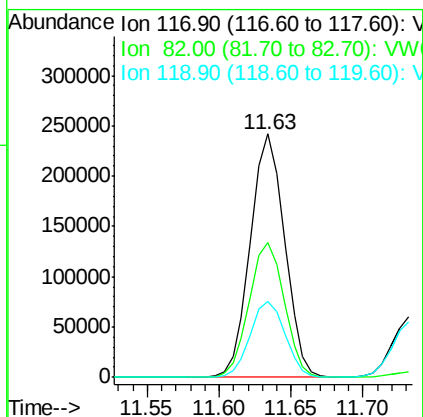
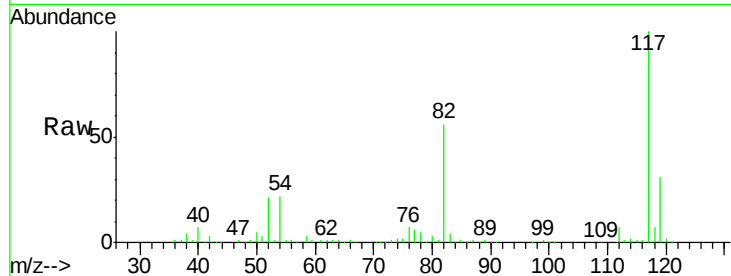




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015859.D
Acq: 16 Jul 2020 12:36

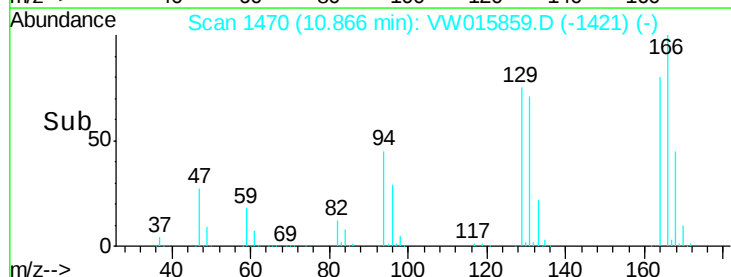
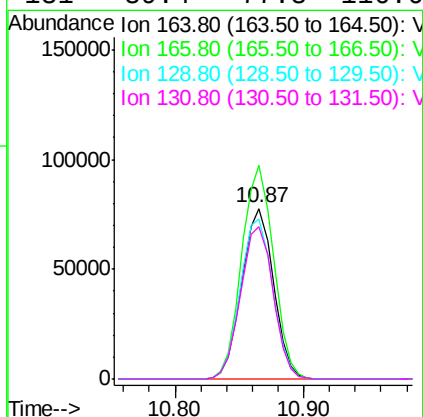
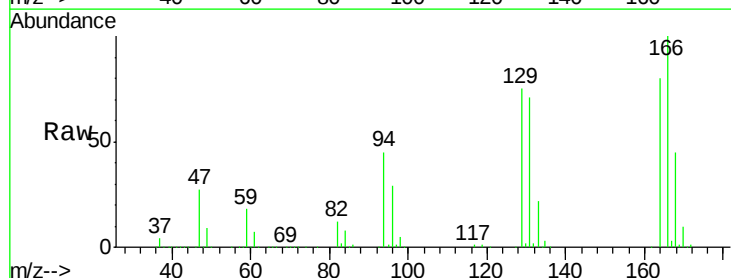
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

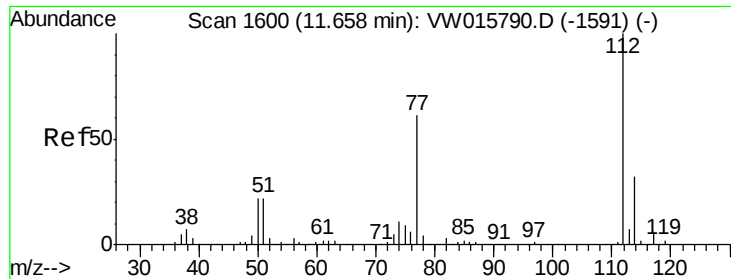
Tot Ion:117 Resp: 399017
Ion Ratio Lower Upper
117 100
82 55.5 45.5 68.3
119 31.4 25.0 37.6



#64
Tetrachloroethene
Concen: 52.520 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW015859.D
Acq: 16 Jul 2020 12:36

Tgt Ion:164 Resp: 132621
Ion Ratio Lower Upper
164 100
166 125.2 105.1 157.7
129 93.9 80.6 121.0
131 89.4 77.8 116.6

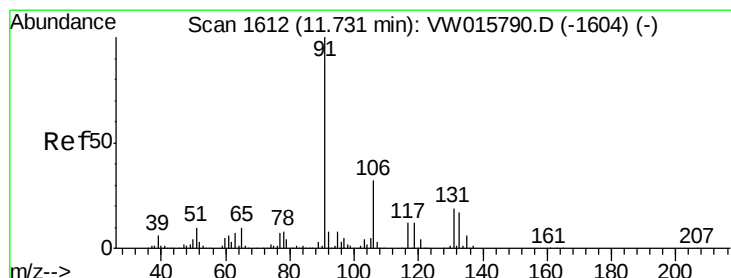
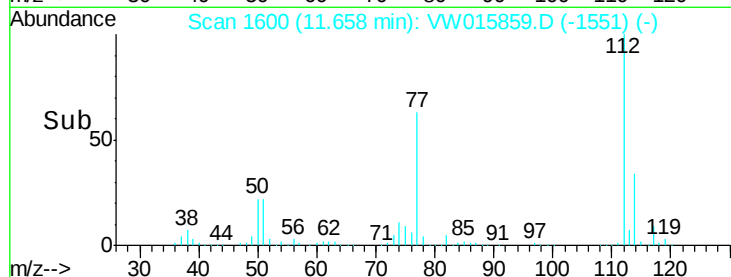
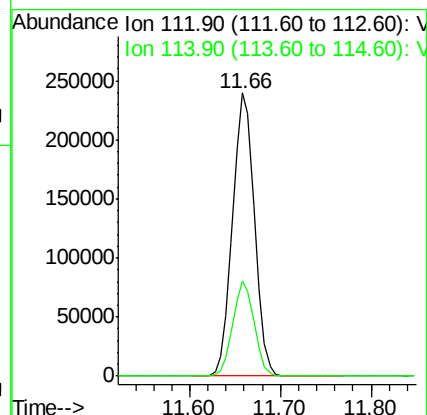
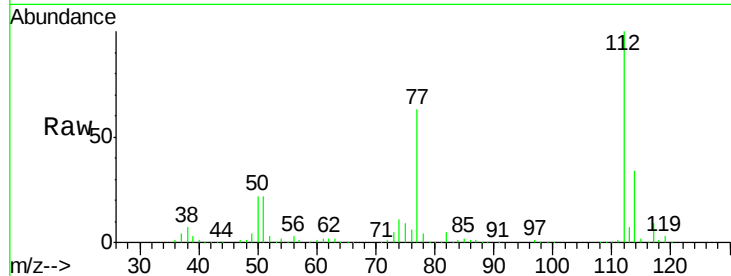




#65
Chlorobenzene
Concen: 51.458 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW015859.D
Acq: 16 Jul 2020 12:36

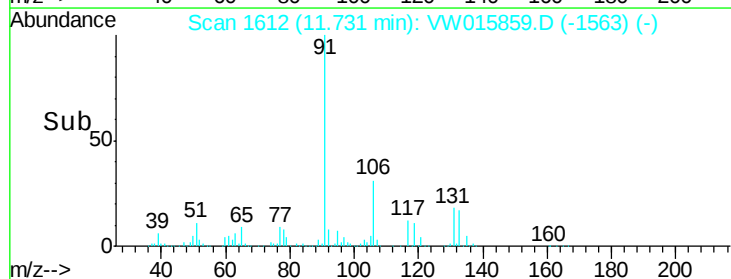
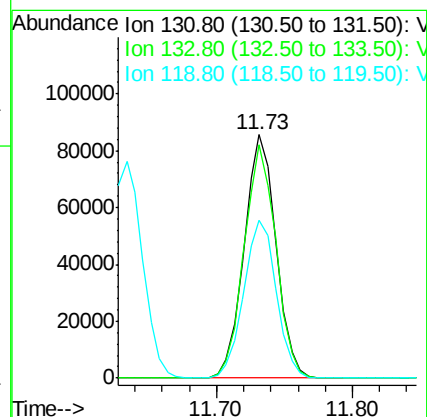
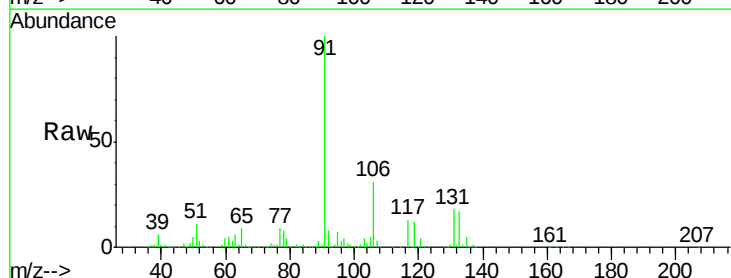
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

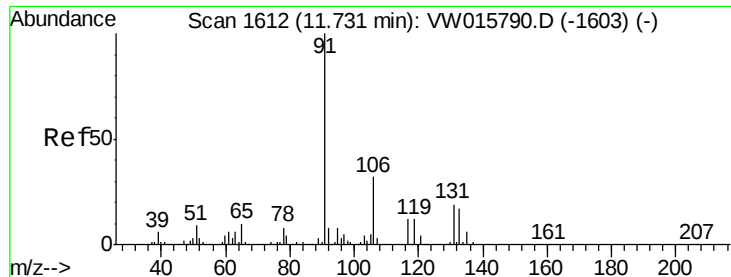
Tot Ion:112 Resp: 401537
Ion Ratio Lower Upper
112 100
114 33.7 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 50.773 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015859.D
Acq: 16 Jul 2020 12:36

Tgt Ion:131 Resp: 140205
Ion Ratio Lower Upper
131 100
133 95.8 47.0 141.2
119 66.5 32.3 96.8

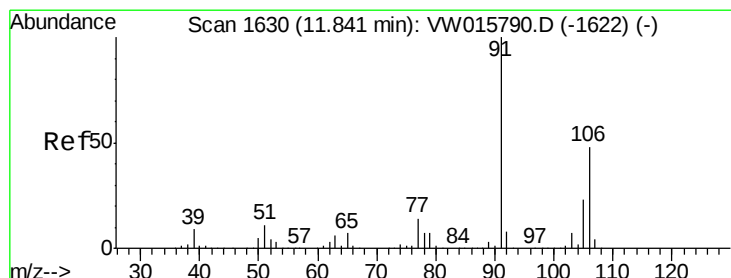
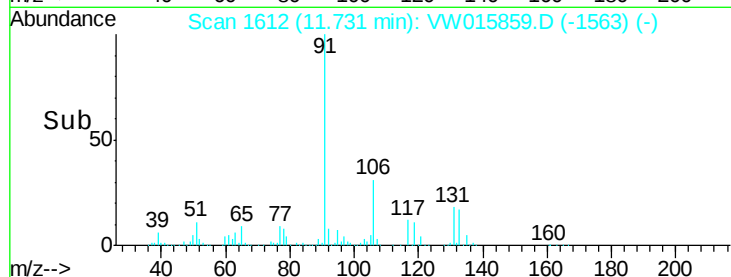
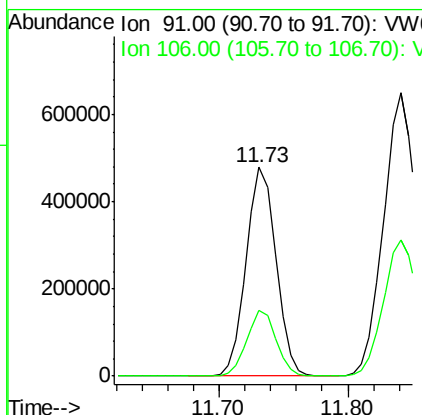
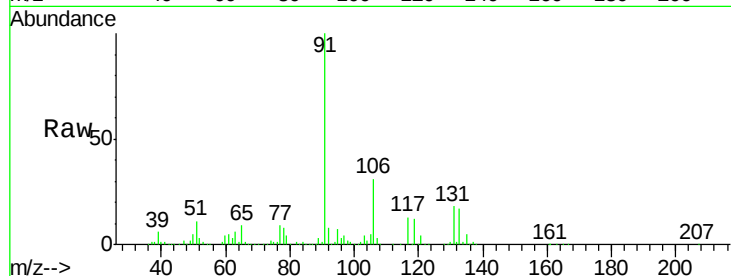




#67
Ethyl Benzene
Concen: 52.927 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015859.D
Acq: 16 Jul 2020 12:36

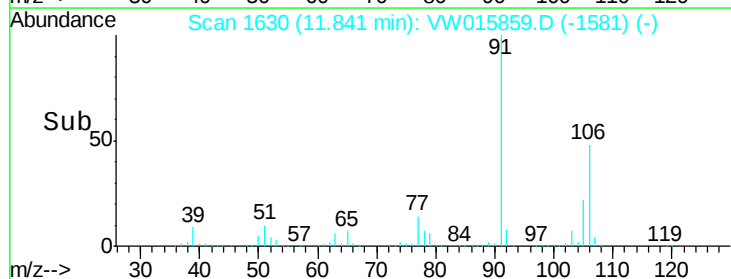
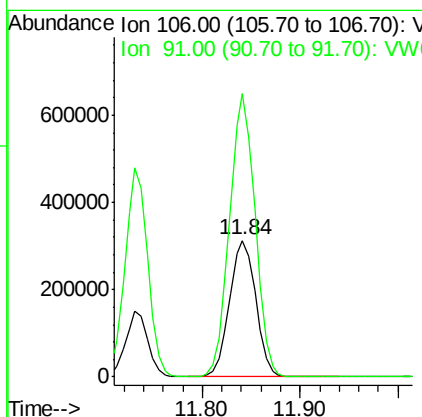
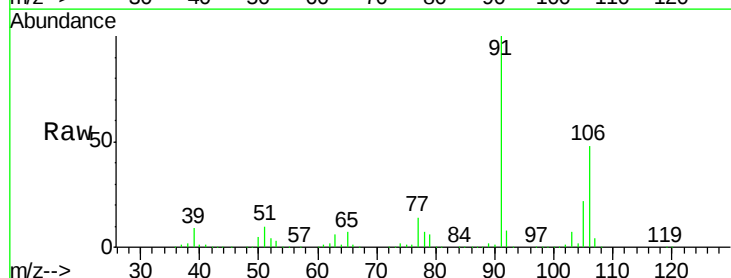
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

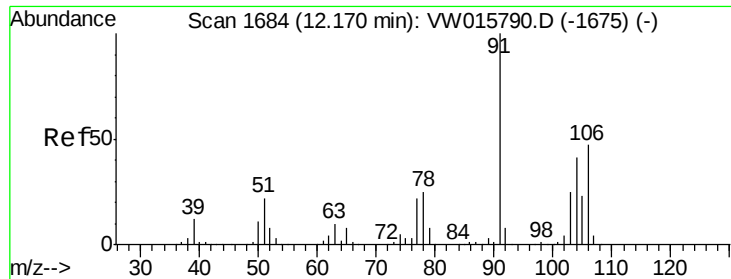
Tot Ion: 91 Resp: 764819
Ion Ratio Lower Upper
91 100
106 31.4 25.8 38.8



#68
m/p-Xylenes
Concen: 107.060 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW015859.D
Acq: 16 Jul 2020 12:36

Tgt Ion: 106 Resp: 581159
Ion Ratio Lower Upper
106 100
91 202.5 164.1 246.1

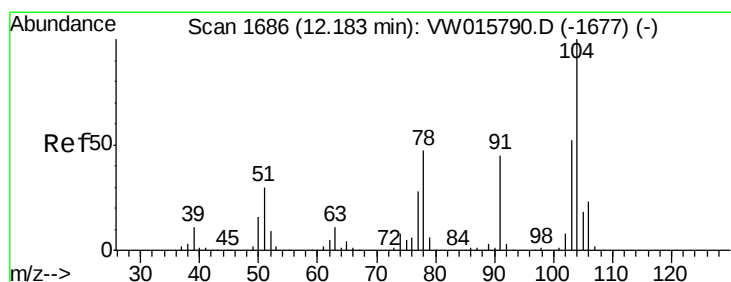
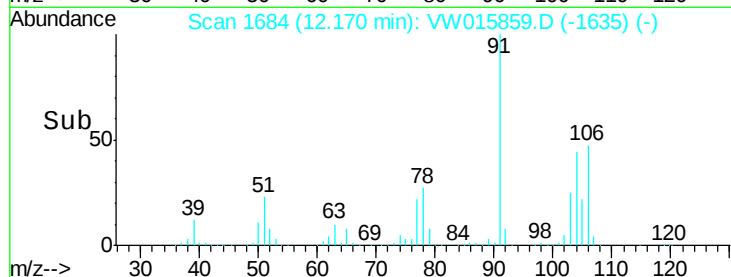
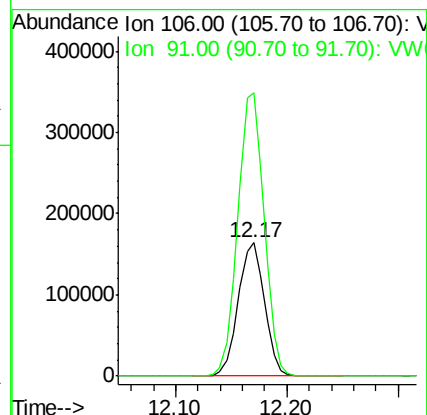
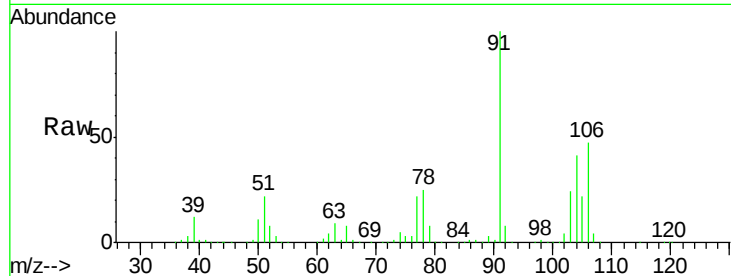




#69
o-Xylene
Concen: 53.903 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW015859.D
Acq: 16 Jul 2020 12:36

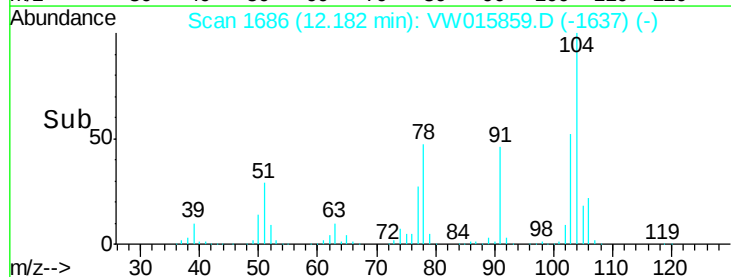
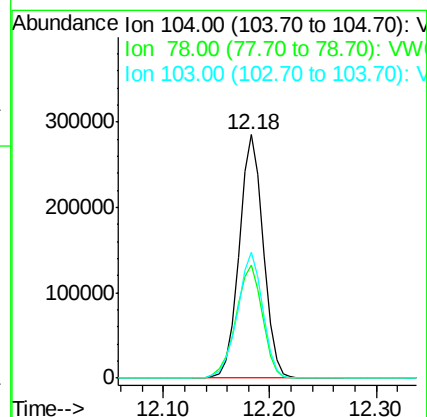
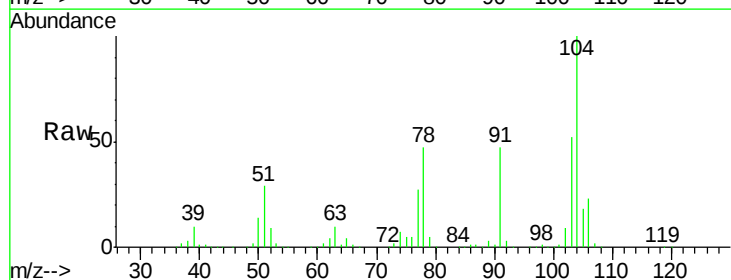
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

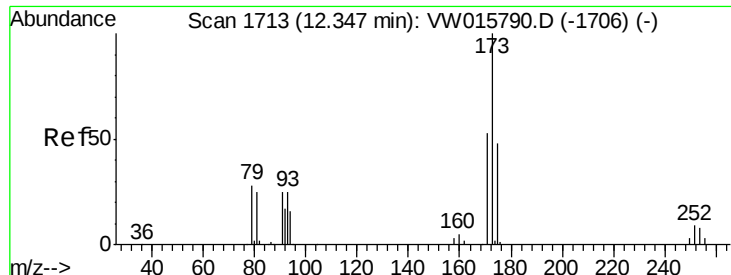
Tot Ion:106 Resp: 267091
Ion Ratio Lower Upper
106 100
91 213.9 108.5 325.3



#70
Styrene
Concen: 53.007 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW015859.D
Acq: 16 Jul 2020 12:36

Tgt Ion:104 Resp: 451928
Ion Ratio Lower Upper
104 100
78 51.4 41.0 61.4
103 54.6 43.8 65.8





#71

Bromoform

Concen: 49.542 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW015859.D

Acq: 16 Jul 2020 12:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

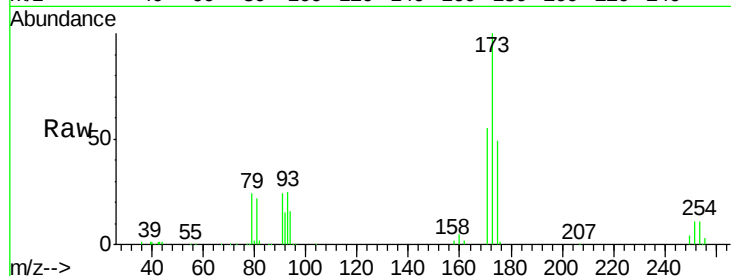
Tot Ion:173 Resp: 62443

Ion Ratio Lower Upper

173 100

175 49.8 23.5 70.5

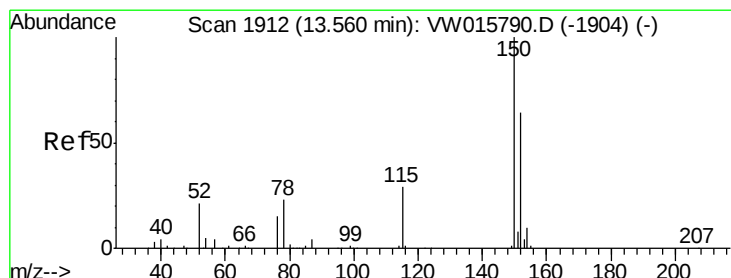
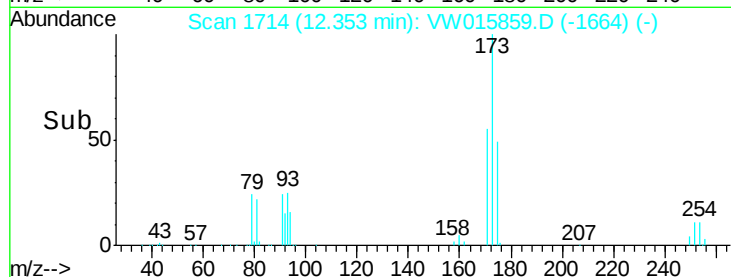
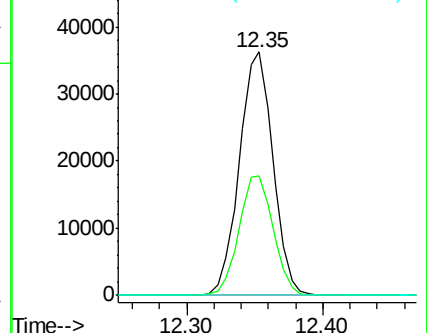
254 0.0 0.0 0.0#



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: VW015859.D

Acq: 16 Jul 2020 12:36

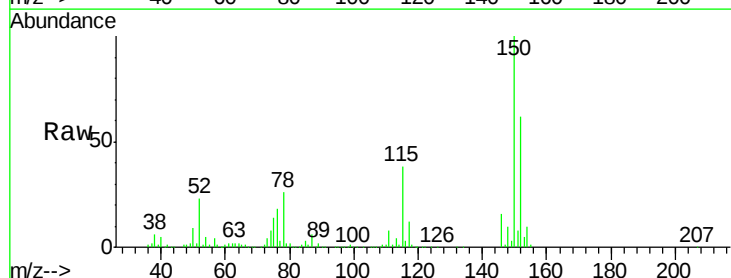
Tgt Ion:152 Resp: 193418

Ion Ratio Lower Upper

152 100

115 60.0 29.9 89.7

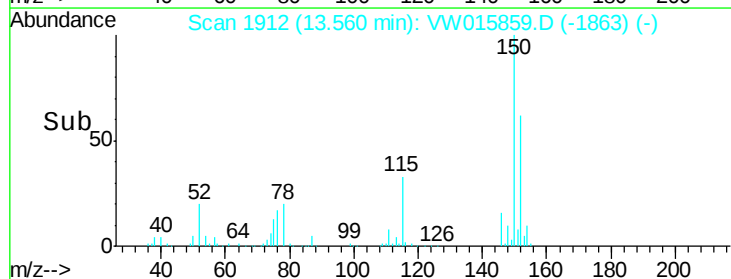
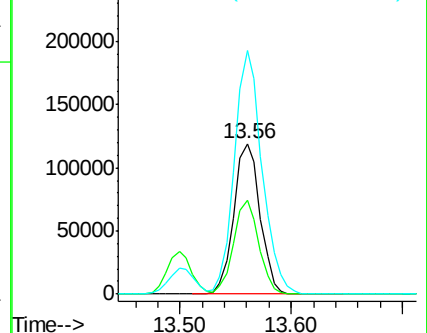
150 172.0 0.0 350.8



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: 54.069 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW015859.D

Acq: 16 Jul 2020 12:36

Instrument :

MSVOA_W

ClientSampleId :

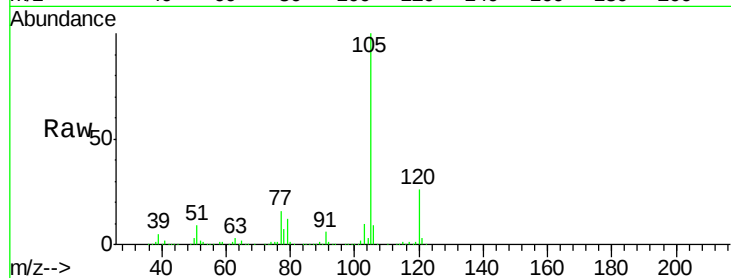
VSTDCCC050

Tot Ion:105 Resp: 736757

Ion Ratio Lower Upper

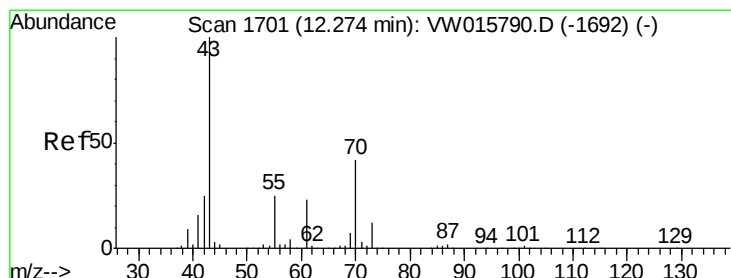
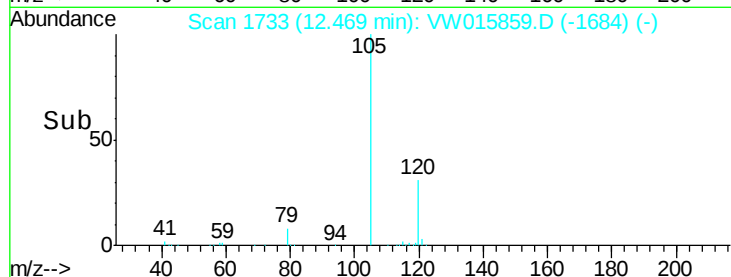
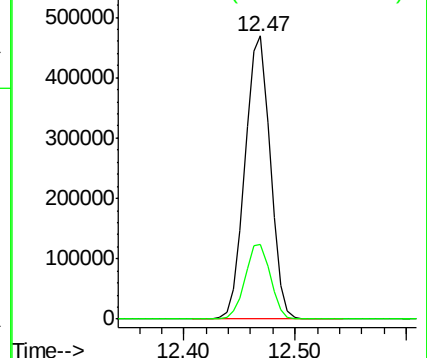
105 100

120 26.5 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.207 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW015859.D

Acq: 16 Jul 2020 12:36

Tgt Ion: 43 Resp: 146366

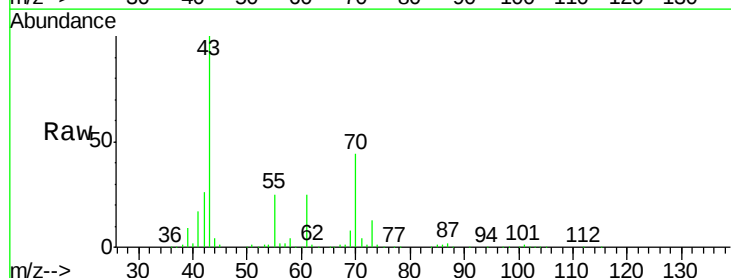
Ion Ratio Lower Upper

43 100

70 44.2 34.1 51.1

55 25.5 20.0 30.0

61 25.0 19.0 28.6

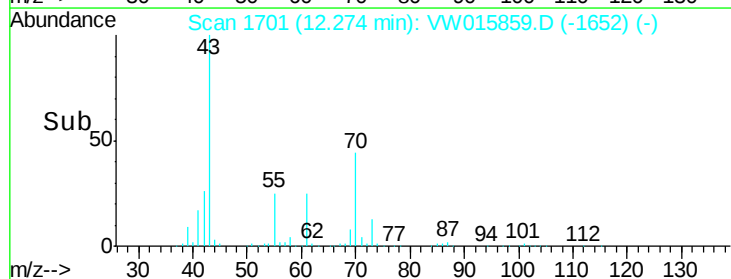
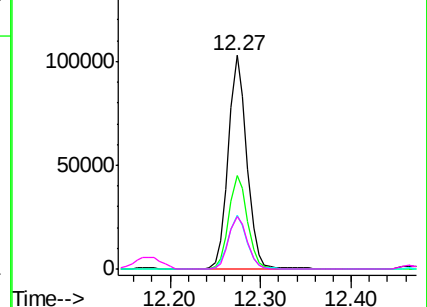


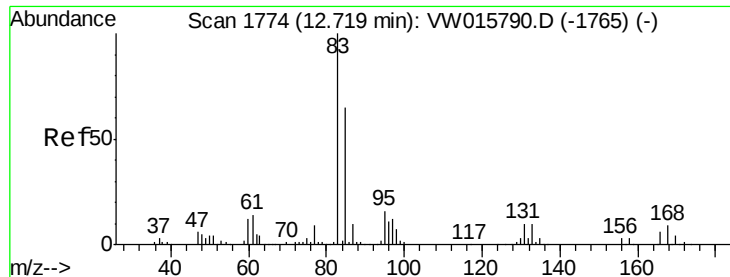
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

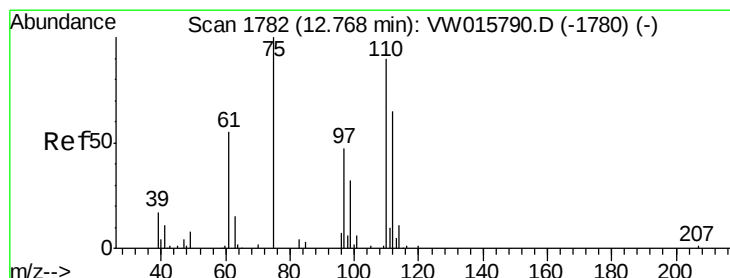
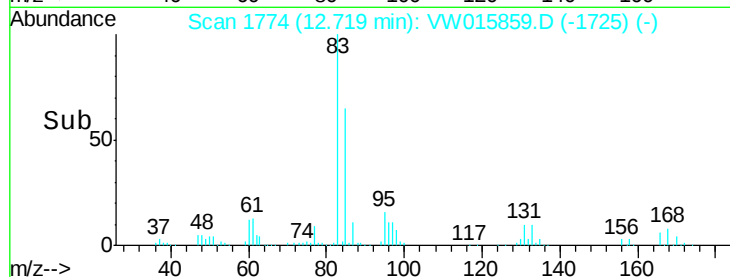
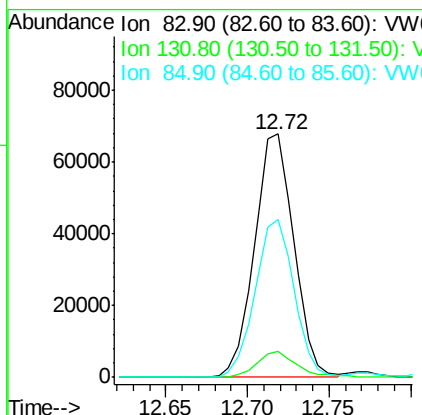
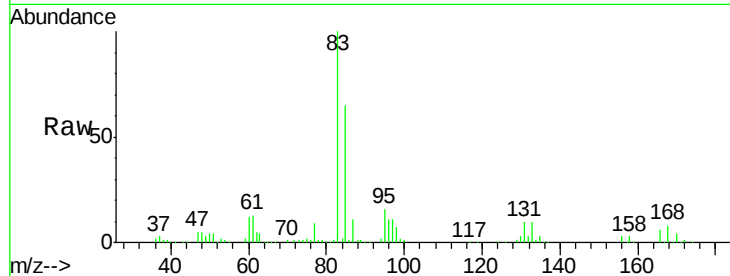




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.036 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: VW015859.D
 Acq: 16 Jul 2020 12:36

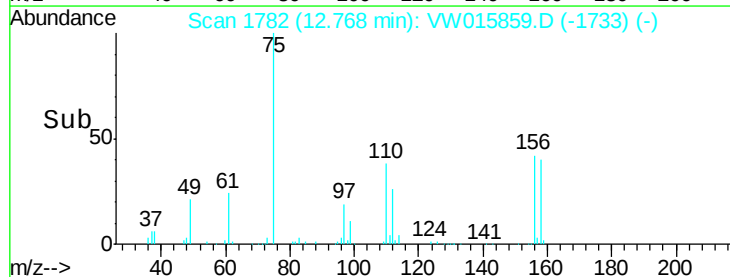
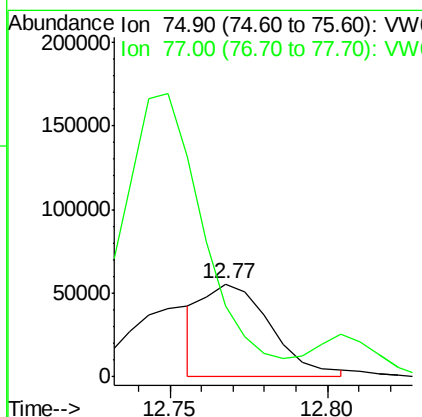
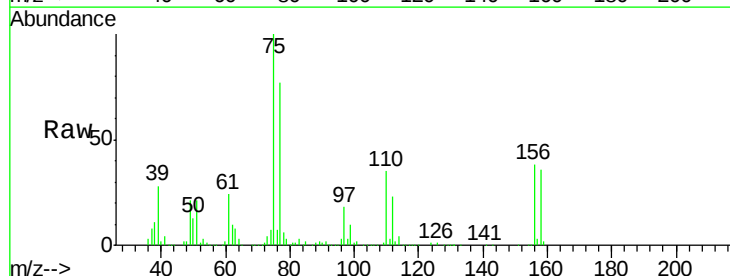
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

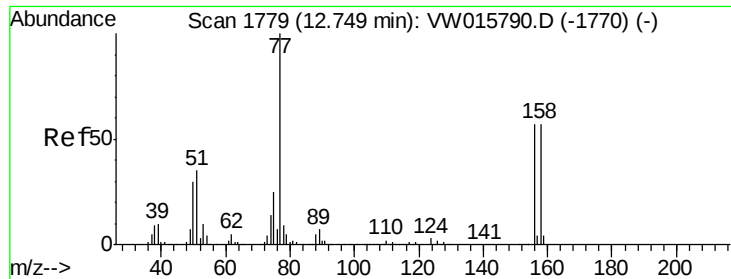
Tot Ion	83	Resp	113286
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.3	16.1
85	64.2	31.9	95.9



#76
 1,2,3-Trichloropropane
 Concen: 49.086 ug/l m
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: VW015859.D
 Acq: 16 Jul 2020 12:36

Tgt Ion	75	Resp	83440
Ion Ratio	Lower	Upper	
75	100		
77	369.6	177.3	532.0





#77

Bromobenzene

Concen: 52.483 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW015859.D

Acq: 16 Jul 2020 12:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

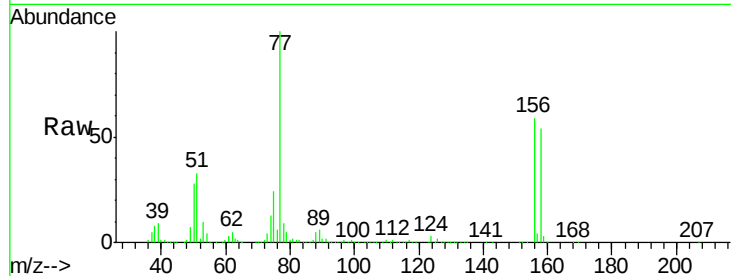
Tot Ion:156 Resp: 160356

Ion Ratio Lower Upper

156 100

77 192.3 98.8 296.4

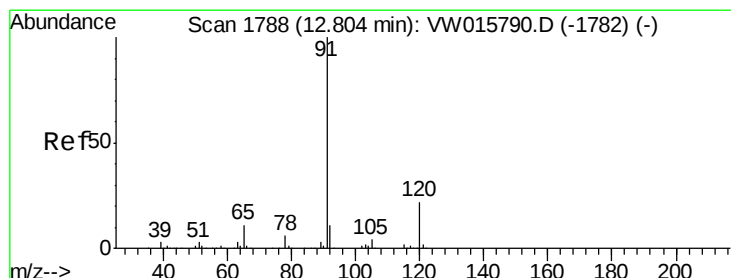
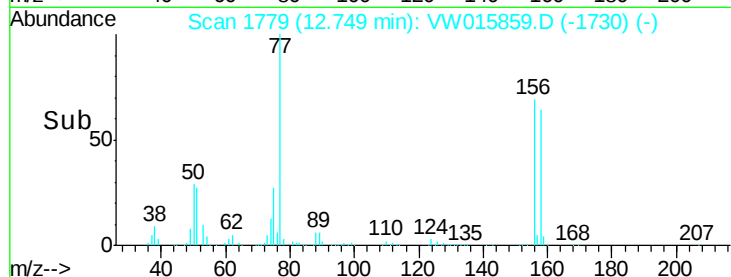
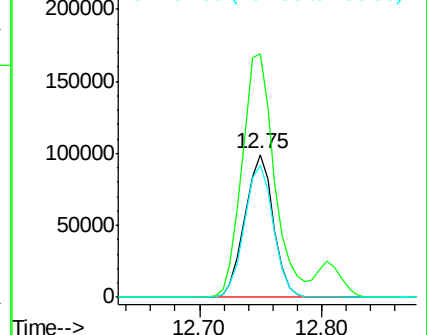
158 94.1 50.0 149.8



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: 54.859 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW015859.D

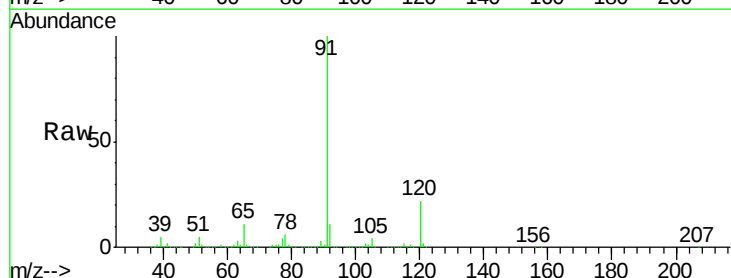
Acq: 16 Jul 2020 12:36

Tgt Ion: 91 Resp: 907329

Ion Ratio Lower Upper

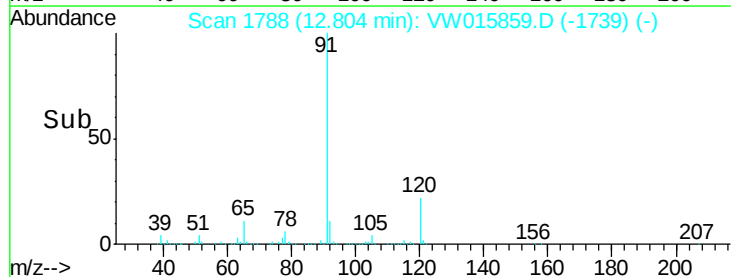
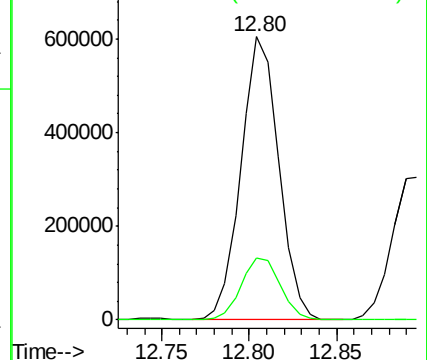
91 100

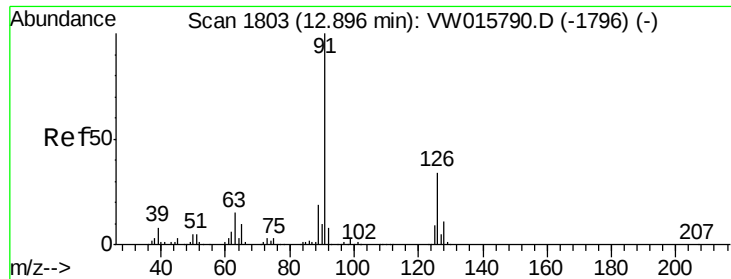
120 22.7 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.464 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW015859.D

Acq: 16 Jul 2020 12:36

Instrument :

MSVOA_W

ClientSampleId :

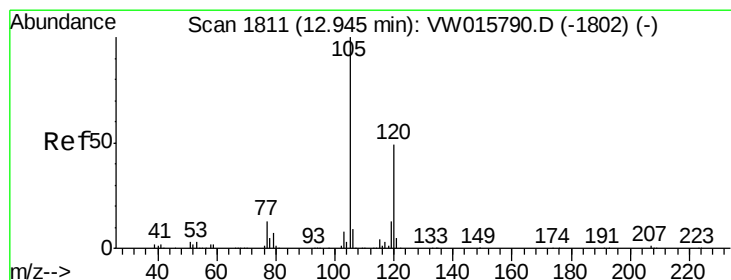
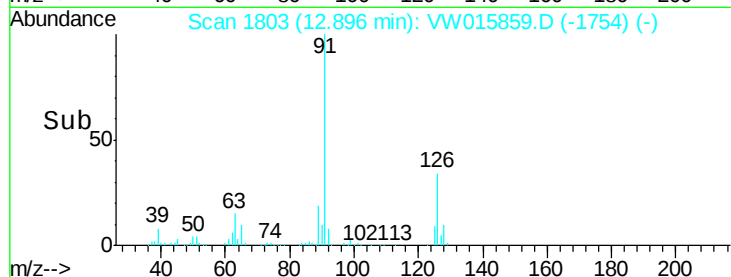
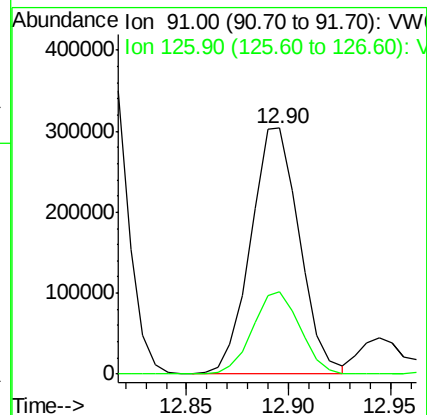
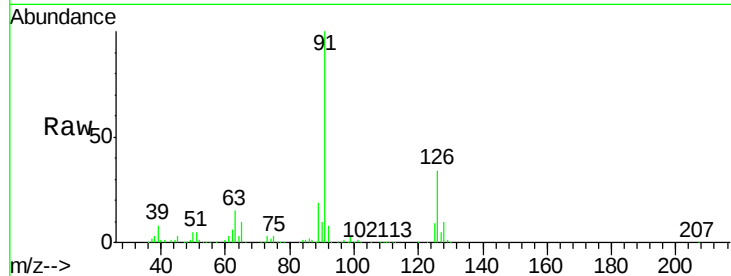
VSTDCCC050

Tot Ion: 91 Resp: 504264

Ion Ratio Lower Upper

91 100

126 32.9 16.5 49.5



#80

1,3,5-Trimethylbenzene

Concen: 54.527 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW015859.D

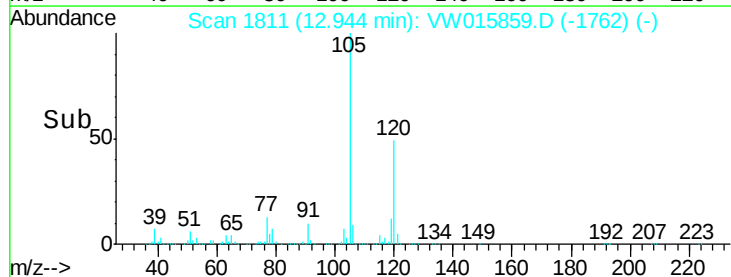
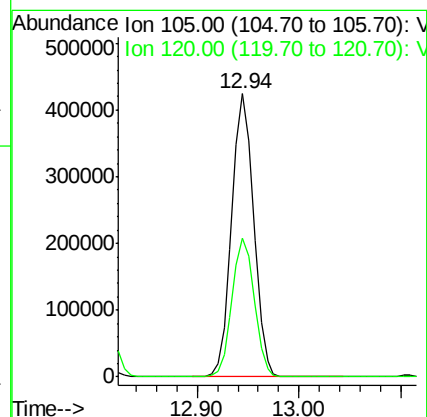
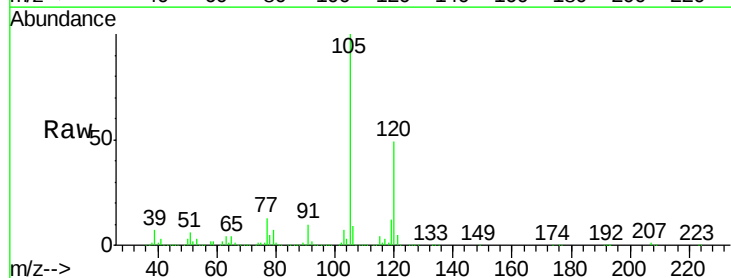
Acq: 16 Jul 2020 12:36

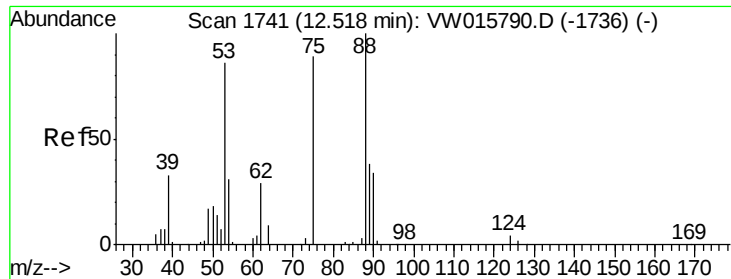
Tgt Ion: 105 Resp: 633253

Ion Ratio Lower Upper

105 100

120 49.6 25.1 75.3

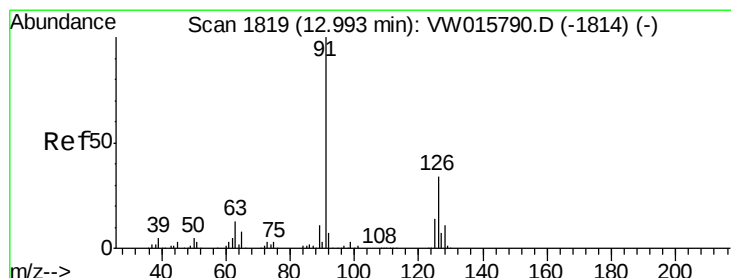
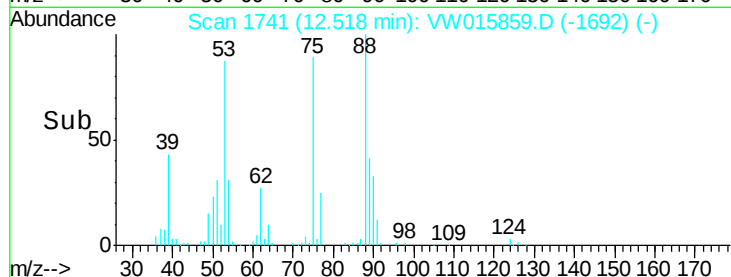
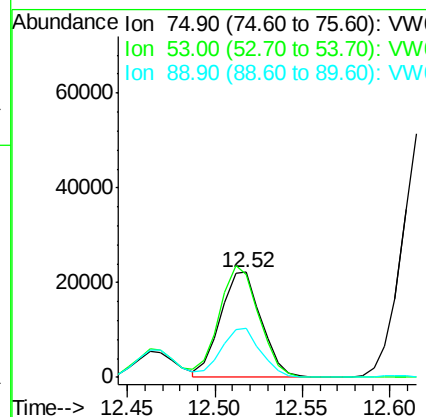
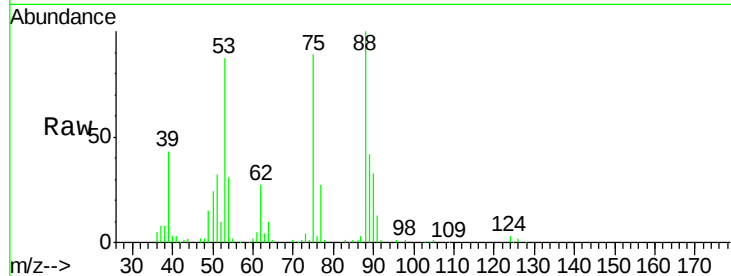




#81
trans-1,4-Dichloro-2-butene
Concen: 47.998 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW015859.D
Acq: 16 Jul 2020 12:36

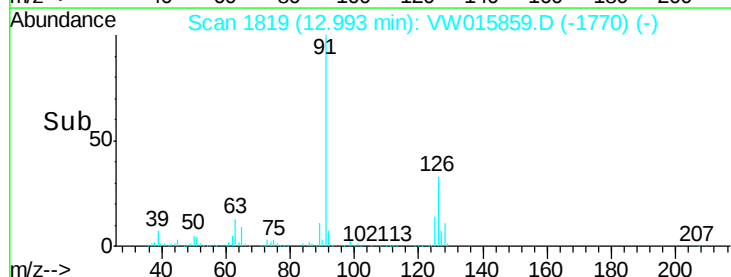
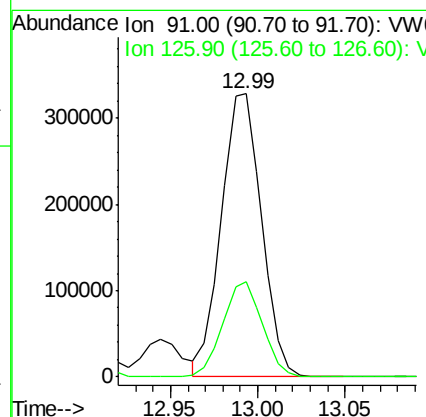
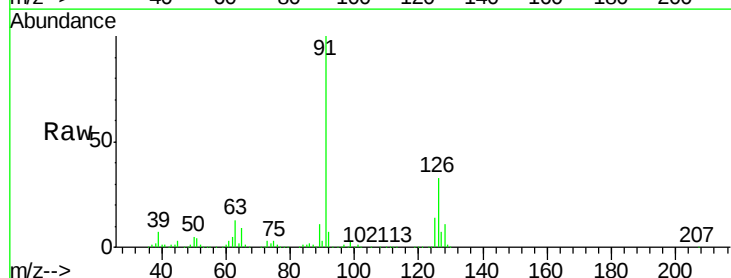
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

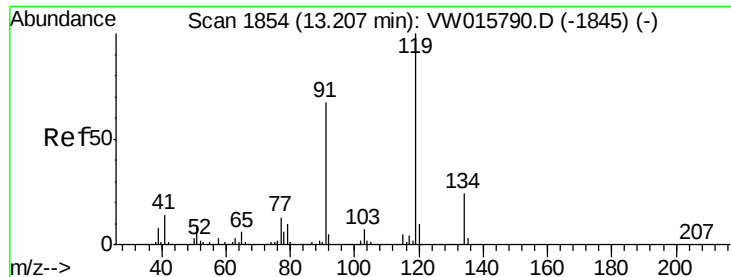
Tot Ion: 75 Resp: 35861
Ion Ratio Lower Upper
75 100
53 102.8 85.9 128.9
89 45.2 36.2 54.4



#82
4-Chlorotoluene
Concen: 53.203 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW015859.D
Acq: 16 Jul 2020 12:36

Tgt Ion: 91 Resp: 524013
Ion Ratio Lower Upper
91 100
126 33.1 16.3 48.9

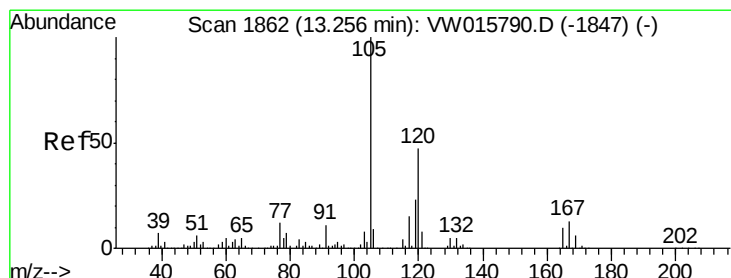
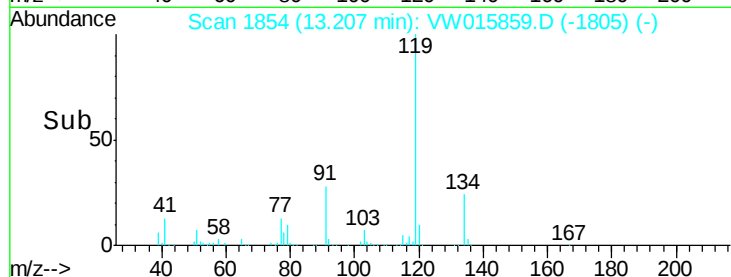
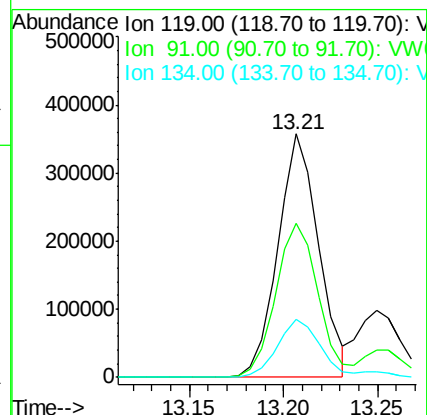
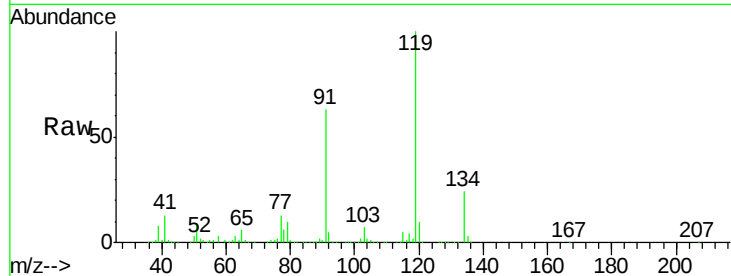




#83
tert-Butylbenzene
Concen: 55.423 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW015859.D
Acq: 16 Jul 2020 12:36

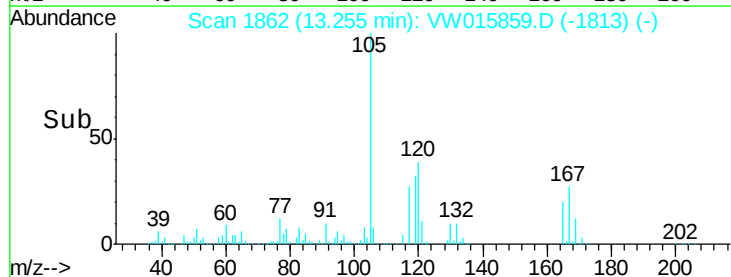
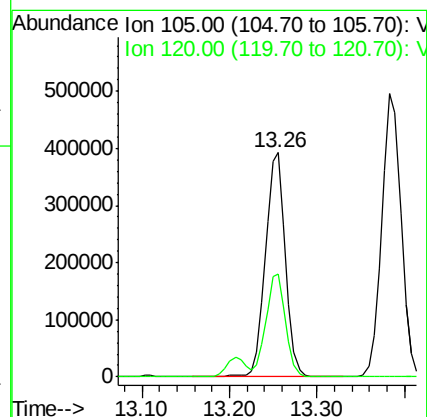
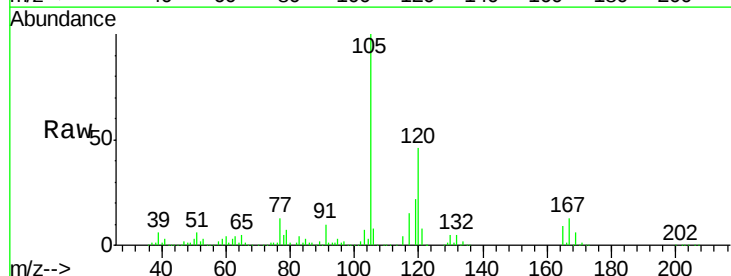
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

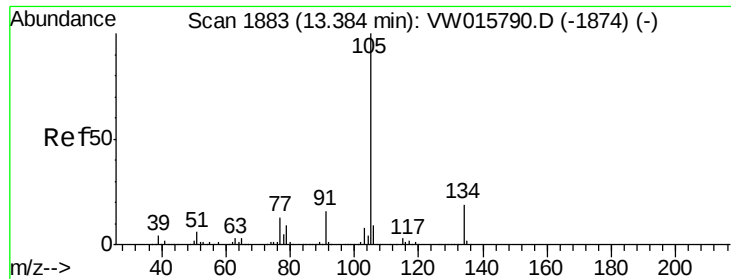
Tot Ion:119 Resp: 534362
Ion Ratio Lower Upper
119 100
91 66.6 34.4 103.3
134 24.8 13.6 40.7



#84
1,2,4-Trimethylbenzene
Concen: 53.417 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW015859.D
Acq: 16 Jul 2020 12:36

Tgt Ion:105 Resp: 619525
Ion Ratio Lower Upper
105 100
120 45.3 22.8 68.4





#85

sec-Butylbenzene

Concen: 54.347 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW015859.D

Acq: 16 Jul 2020 12:36

Instrument :

MSVOA_W

ClientSampled :

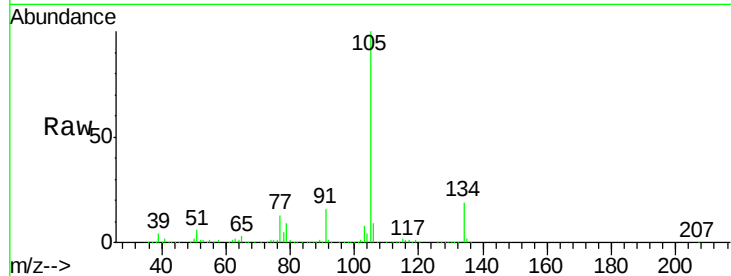
VSTDCCC050

Tot Ion:105 Resp: 756736

Ion Ratio Lower Upper

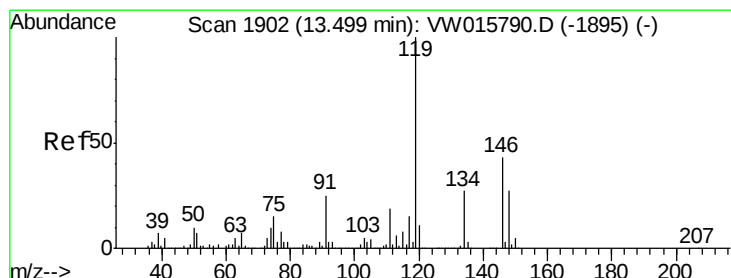
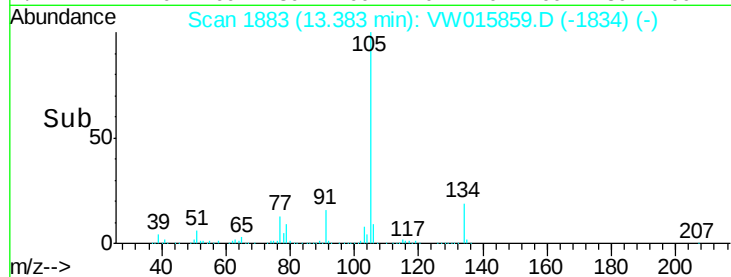
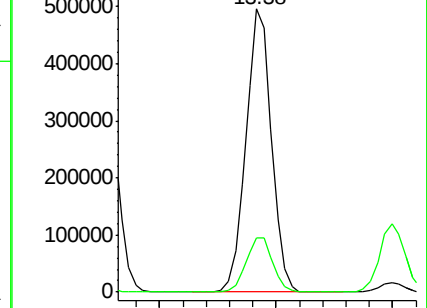
105 100

134 20.0 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: 53.700 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW015859.D

Acq: 16 Jul 2020 12:36

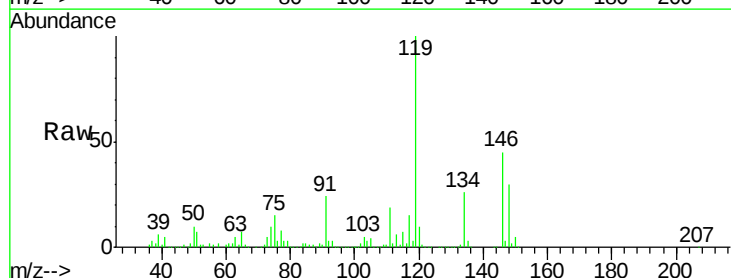
Tgt Ion:119 Resp: 682798

Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.6

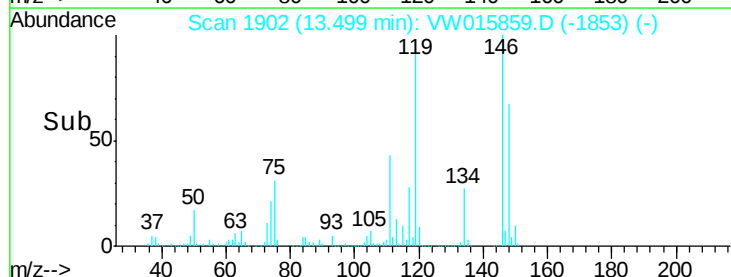
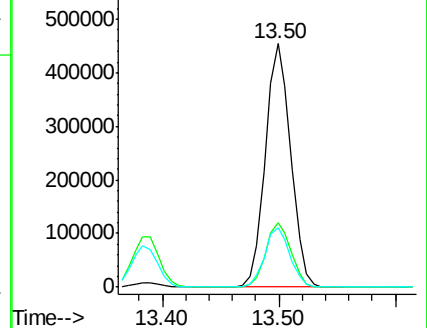
91 24.2 12.2 36.6

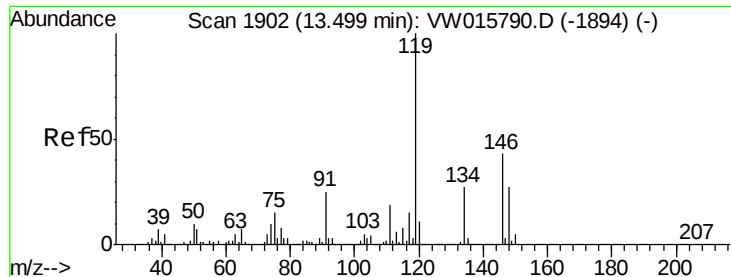


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

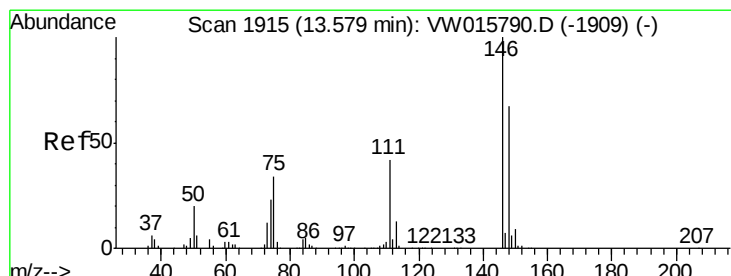
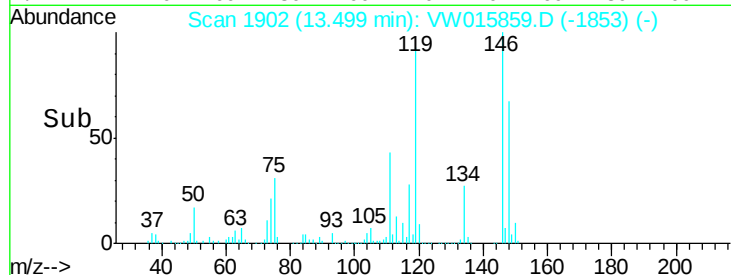
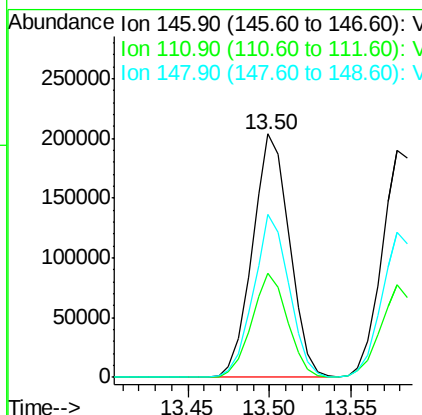
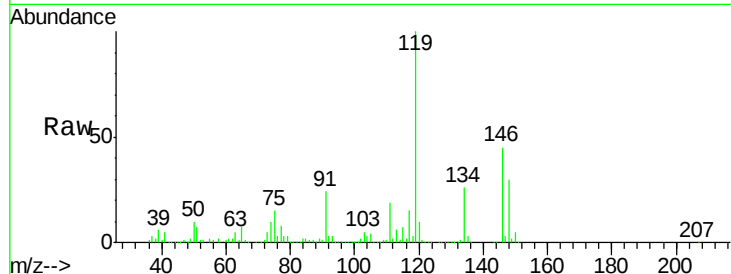




#87
 1,3-Dichlorobenzene
 Concen: 52.440 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW015859.D
 Acq: 16 Jul 2020 12:36

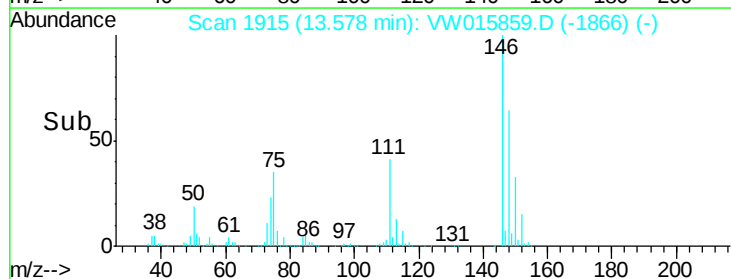
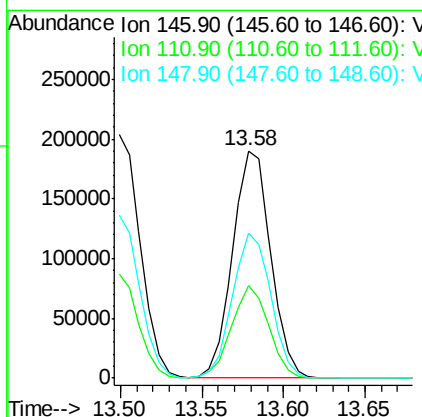
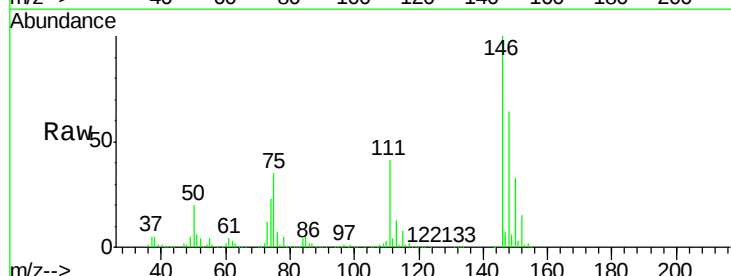
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

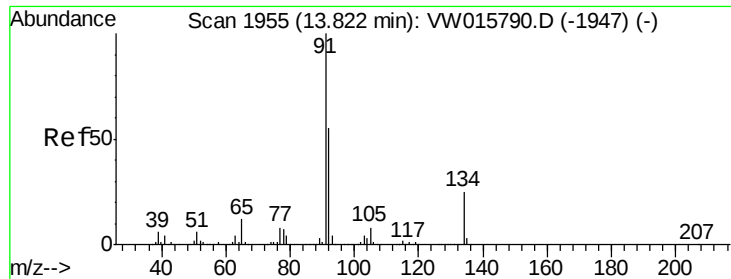
Tot Ion:146 Resp: 321173
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.8 62.4
 148 64.4 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 51.620 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW015859.D
 Acq: 16 Jul 2020 12:36

Tgt Ion:146 Resp: 309497
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.2 60.6
 148 64.2 31.8 95.4

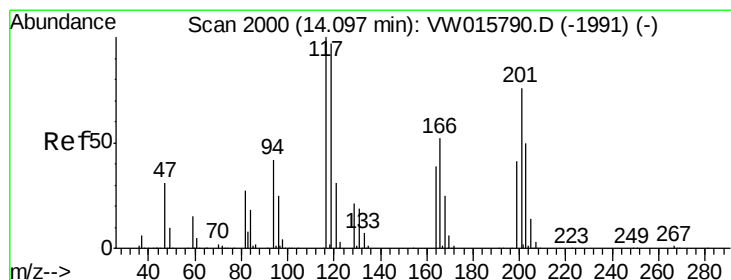
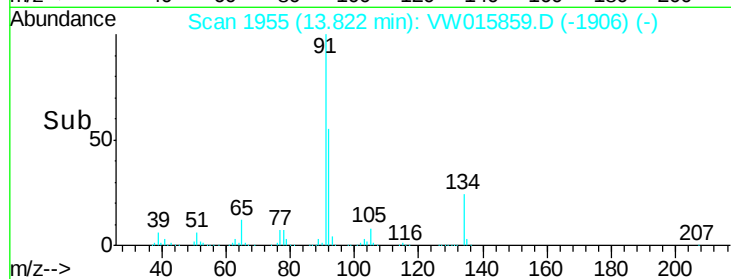
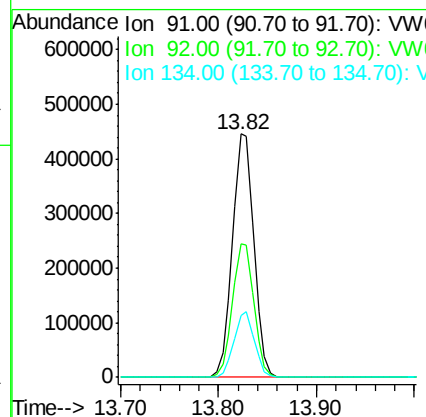
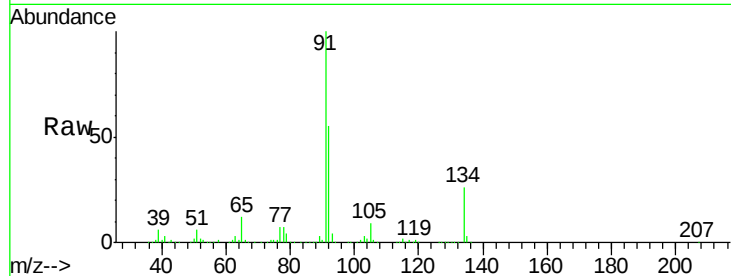




#89
n-Butylbenzene
Concen: 55.579 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW015859.D
Acq: 16 Jul 2020 12:36

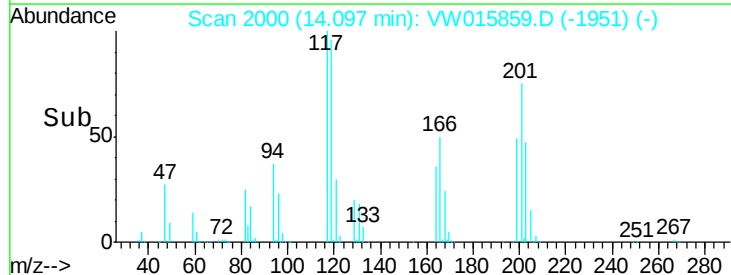
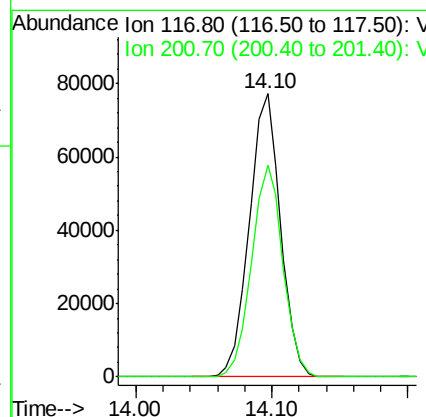
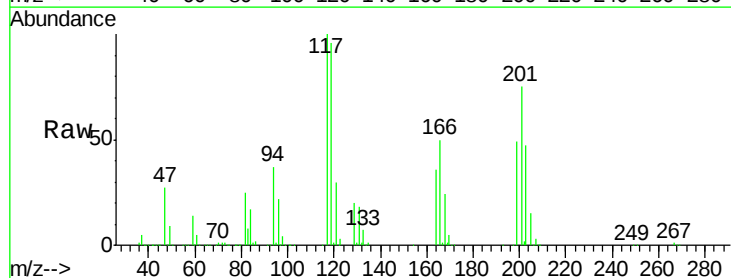
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

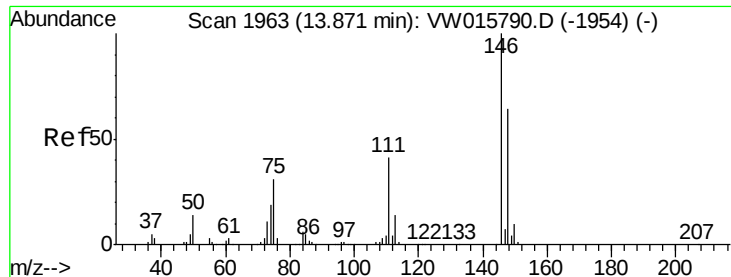
Tot Ion: 91 Resp: 676281
Ion Ratio Lower Upper
91 100
92 54.8 27.2 81.6
134 25.8 12.7 38.1



#90
Hexachloroethane
Concen: 53.834 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW015859.D
Acq: 16 Jul 2020 12:36

Tgt Ion: 117 Resp: 124068
Ion Ratio Lower Upper
117 100
201 75.3 37.1 111.3

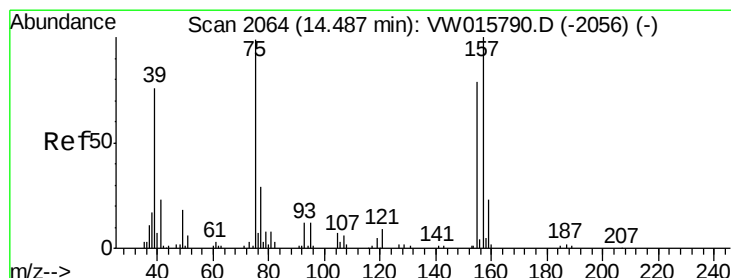
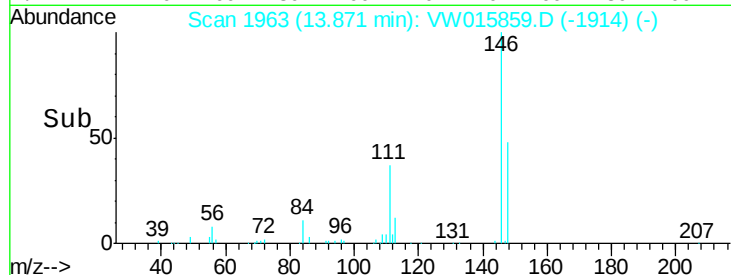
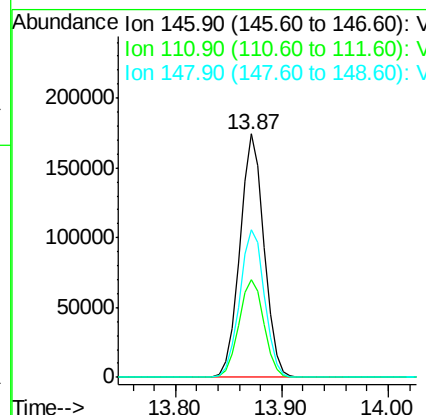
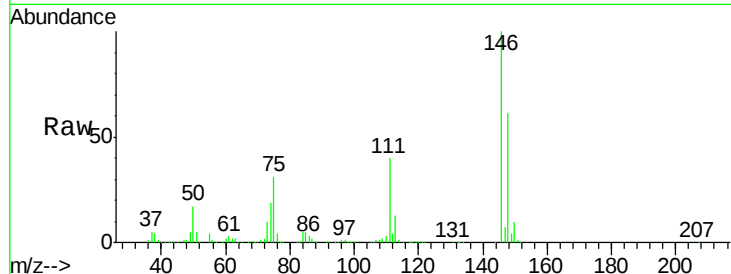




#91
 1,2-Dichlorobenzene
 Concen: 52.170 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW015859.D
 Acq: 16 Jul 2020 12:36

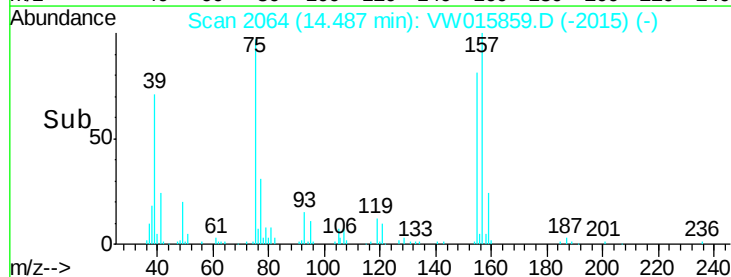
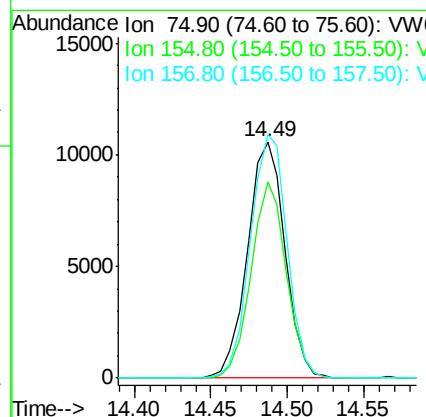
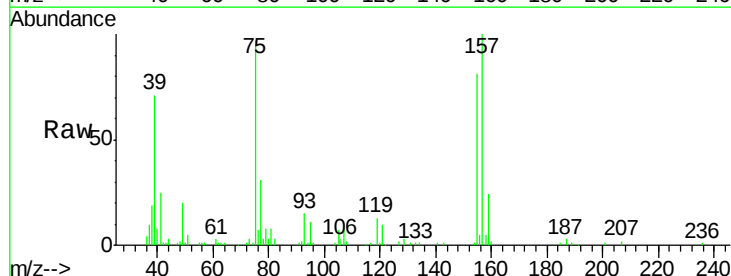
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

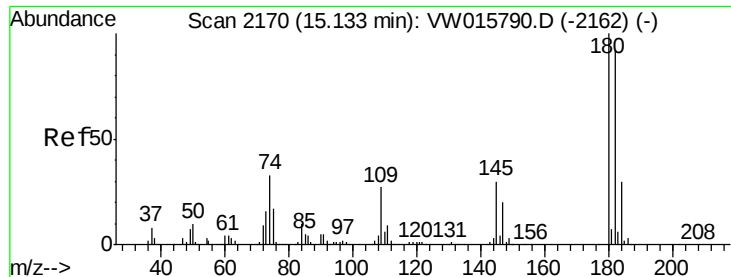
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.6	61.9
148	62.6	31.8	95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.611 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW015859.D
 Acq: 16 Jul 2020 12:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.2	39.1	117.5
157	101.3	49.1	147.4





#93

1,2,4-Trichlorobenzene

Concen: 54.792 ug/l

RT: 15.13 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VW015859.D

Acq: 16 Jul 2020 12:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

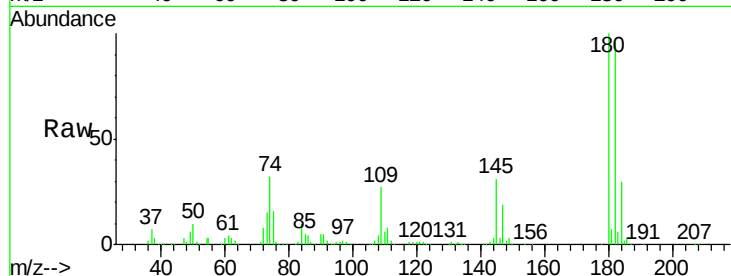
Tot Ion:180 Resp: 183293

Ion Ratio Lower Upper

180 100

182 95.7 46.8 140.3

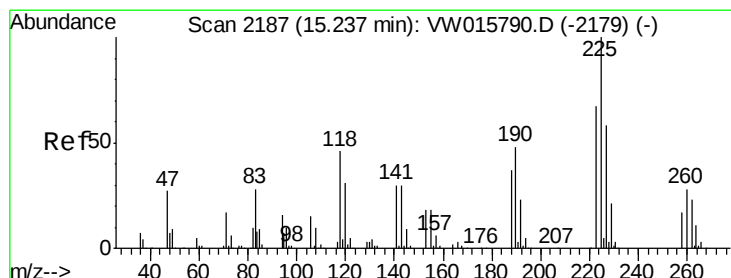
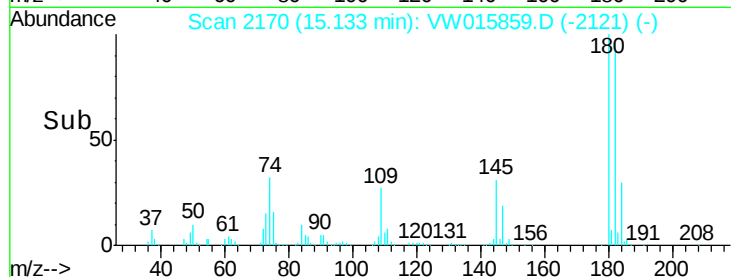
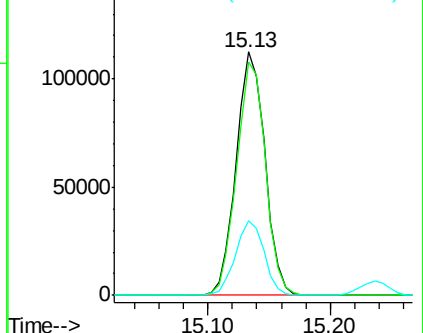
145 30.4 15.4 46.4



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: 50.788 ug/l

RT: 15.24 min Scan# 2187

Delta R.T. -0.00 min

Lab File: VW015859.D

Acq: 16 Jul 2020 12:36

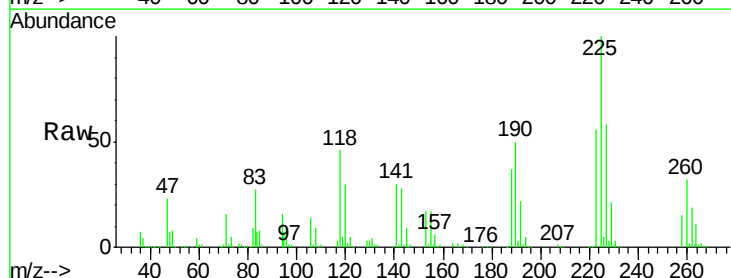
Tgt Ion:225 Resp: 107872

Ion Ratio Lower Upper

225 100

223 63.6 32.4 97.2

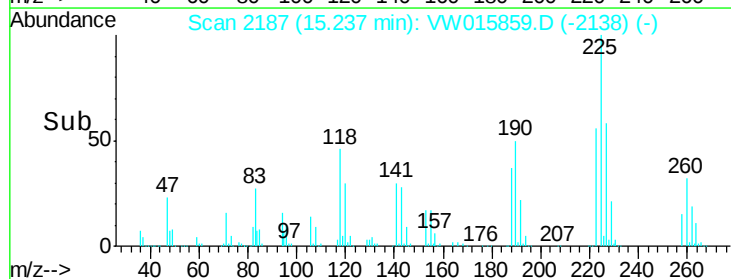
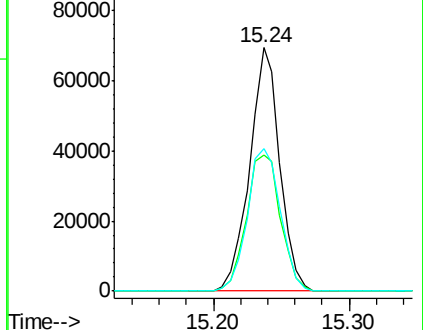
227 64.3 30.7 92.1

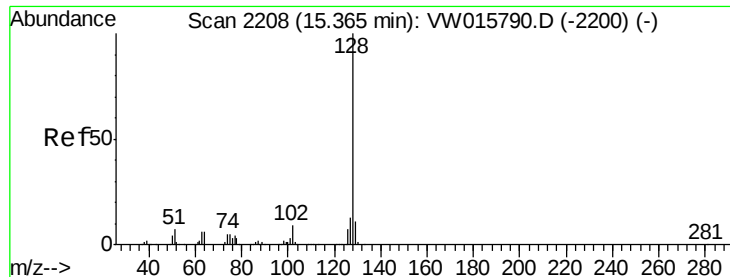


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

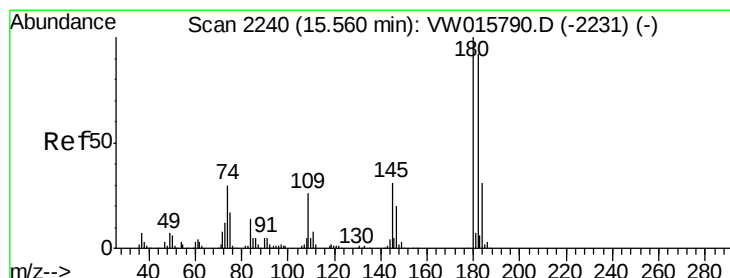
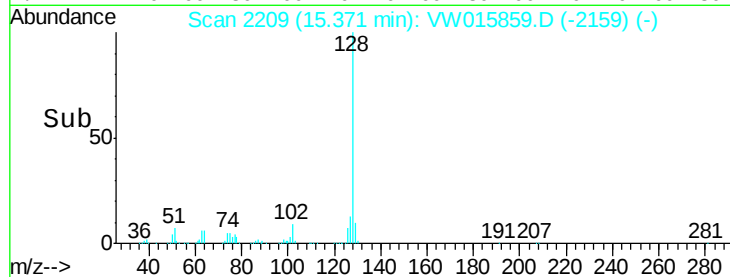
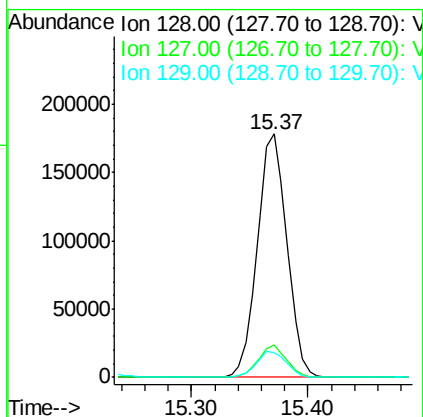
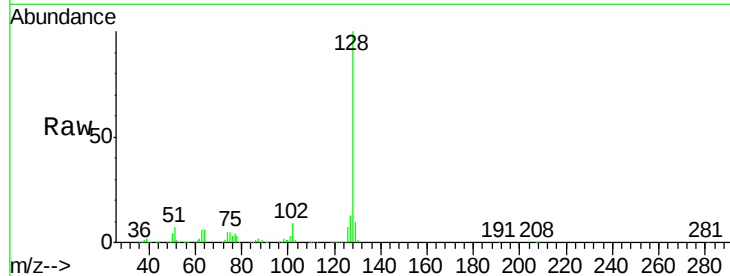




#95
Naphthalene
Concen: 50.164 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW015859.D
Acq: 16 Jul 2020 12:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 313510
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: 55.471 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW015859.D
Acq: 16 Jul 2020 12:36

Tgt Ion:180 Resp: 157901
Ion Ratio Lower Upper
180 100
182 94.2 47.7 143.1
145 31.6 16.7 50.0

