

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070720\
 Data File : VW015790.D
 Acq On : 07 Jul 2020 12:17
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Quant Time: Jul 08 07:57:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 07:52:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	211431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	333482	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	314002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	158225	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	103279	47.36	ug/l	0.00
Spiked Amount			Recovery	=	94.72%	
35) Dibromofluoromethane	7.89	113	91763	47.35	ug/l	0.00
Spiked Amount			Recovery	=	94.70%	
50) Toluene-d8	10.32	98	357977	47.67	ug/l	0.00
Spiked Amount			Recovery	=	95.34%	
62) 4-Bromofluorobenzene	12.62	95	137632	49.93	ug/l	0.00
Spiked Amount			Recovery	=	99.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	56465	49.705	ug/l	100
3) Chloromethane	2.21	50	69087	45.538	ug/l	100
4) Vinyl Chloride	2.37	62	112783	48.038	ug/l	100
5) Bromomethane	2.78	94	82550	45.216	ug/l	100
6) Chloroethane	2.93	64	76164	47.926	ug/l	100
7) Trichlorofluoromethane	3.26	101	86256	51.410	ug/l	100
8) Diethyl Ether	3.68	74	50986	48.352	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	97153	48.724	ug/l	100
10) Methyl Iodide	4.27	142	138949	50.758	ug/l	100
11) Tert butyl alcohol	5.19	59	29952	285.608	ug/l	100
12) 1,1-Dichloroethene	4.04	96	95551	49.186	ug/l	100
13) Acrolein	3.90	56	38583	256.031	ug/l	100
14) Allyl chloride	4.67	41	160120	50.793	ug/l	100
15) Acrylonitrile	5.37	53	107660	264.774	ug/l	100
16) Acetone	4.13	43	112968	279.763	ug/l	100
17) Carbon Disulfide	4.38	76	287885	49.822	ug/l	100
18) Methyl Acetate	4.68	43	46327	50.563	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	153848	53.492	ug/l	100
20) Methylene Chloride	4.92	84	108102	44.462	ug/l	100
21) trans-1,2-Dichloroethene	5.43	96	111433	49.829	ug/l	100
22) Diisopropyl ether	6.32	45	327279	51.660	ug/l	100
23) Vinyl Acetate	6.26	43	997668	266.294	ug/l	100
24) 1,1-Dichloroethane	6.22	63	200189	49.865	ug/l	100
25) 2-Butanone	7.18	43	148916	270.994	ug/l	100
26) 2,2-Dichloropropane	7.17	77	124207	49.527	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	122229	50.659	ug/l	100
28) Bromochloromethane	7.51	49	76177	47.729	ug/l	100
29) Tetrahydrofuran	7.54	42	89327	269.025	ug/l	100
30) Chloroform	7.68	83	204591	49.913	ug/l	100
31) Cyclohexane	7.96	56	177961	46.920	ug/l	100
32) 1,1,1-Trichloroethane	7.88	97	172926	50.394	ug/l	100
36) 1,1-Dichloropropene	8.09	75	166339	50.581	ug/l	100
37) Ethyl Acetate	7.26	43	64567	52.130	ug/l	100
38) Carbon Tetrachloride	8.07	117	159236	50.370	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	201566	51.809	ug/l	100
40) Benzene	8.33	78	452033	50.292	ug/l	100
41) Methacrylonitrile	7.49	41	37449	52.362	ug/l	100
42) 1,2-Dichloroethane	8.40	62	142559	51.206	ug/l	100
43) Isopropyl Acetate	8.43	43	128718	52.235	ug/l	100
44) Trichloroethene	9.09	130	119959	50.458	ug/l	100
45) 1,2-Dichloropropane	9.37	63	111594	50.652	ug/l	100
46) Dibromomethane	9.46	93	58230	51.242	ug/l	100
47) Bromodichloromethane	9.65	83	151253	51.315	ug/l	100
48) Methyl methacrylate	9.44	41	62012	53.322	ug/l	100
49) 1,4-Dioxane	9.46	88	15427	1070.898	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	322768	267.826	ug/l	100
52) Toluene	10.39	92	295029	51.370	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	150690	53.412	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	177029	52.469	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	81321	51.458	ug/l	100
56) Ethyl methacrylate	10.65	69	105062	54.323	ug/l	100
57) 1,3-Dichloropropane	10.93	76	142909	51.330	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	246441	265.471	ug/l	100
59) 2-Hexanone	10.97	43	224675	278.391	ug/l	100
60) Dibromochloromethane	11.13	129	94162	51.501	ug/l	100
61) 1,2-Dibromoethane	11.24	107	76366	50.931	ug/l	100
64) Tetrachloroethene	10.87	164	97965	49.259	ug/l	100
65) Chlorobenzene	11.66	112	306091	49.670	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	111272	51.094	ug/l	100
67) Ethyl Benzene	11.73	91	577052	50.636	ug/l	100
68) m/p-Xylenes	11.84	106	437820	102.379	ug/l	100
69) o-Xylene	12.17	106	202808	52.057	ug/l	100
70) Styrene	12.18	104	352129	52.500	ug/l	100
71) Bromoform	12.35	173	53660	54.123	ug/l #	100
73) Isopropylbenzene	12.47	105	570397	51.120	ug/l	100
74) N-amyl acetate	12.27	43	125158	52.907	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	94830	51.392	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	124598	84.481	ug/l	28
77) Bromobenzene	12.75	156	123617	49.693	ug/l	100
78) n-propylbenzene	12.80	91	691178	50.902	ug/l	100
79) 2-Chlorotoluene	12.90	91	391727	50.709	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	482482	50.765	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	28936	53.539	ug/l	100
82) 4-Chlorotoluene	12.99	91	406613	50.355	ug/l	100
83) tert-Butylbenzene	13.21	119	409778	51.786	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	486047	51.296	ug/l	100
85) sec-Butylbenzene	13.38	105	582347	51.111	ug/l	100
86) p-Isopropyltoluene	13.50	119	531008	51.140	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	249735	49.605	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	243874	49.784	ug/l	100
89) n-Butylbenzene	13.82	91	517123	51.845	ug/l	100
90) Hexachloroethane	14.10	117	97392	51.361	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	221008	50.999	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15458	52.500	ug/l	100

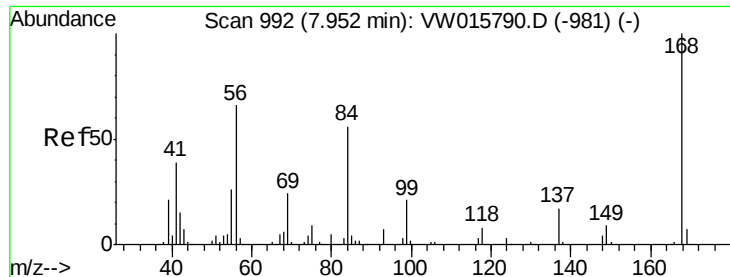
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	141852	51.952	ug/l	100
94) Hexachlorobutadiene	15.24	225	86207	49.728	ug/l	100
95) Naphthalene	15.36	128	245885	54.007	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	117986	51.158	ug/l	100

(#) = 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: VW015790.D

Acq: 07 Jul 2020 12:17

Instrument :

MSVOA_W

ClientSampled :

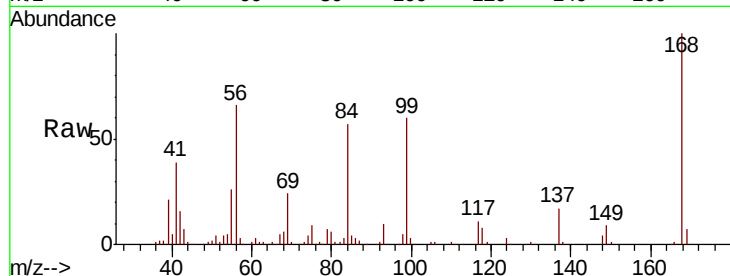
VSTDICCC050

Tot Ion:168 Resp: 211431

Ion Ratio Lower Upper

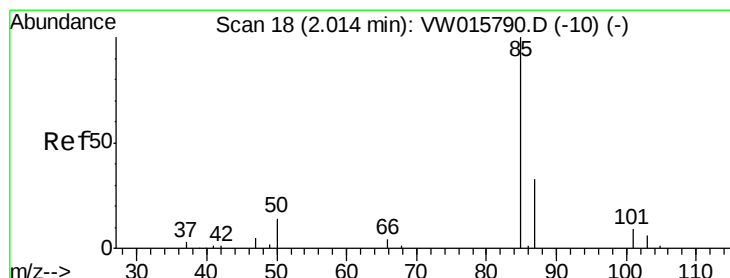
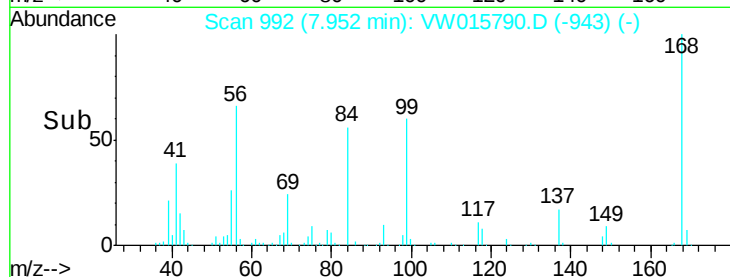
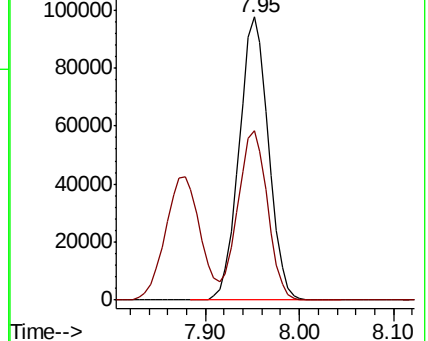
168 100

99 59.8 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 49.705 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015790.D

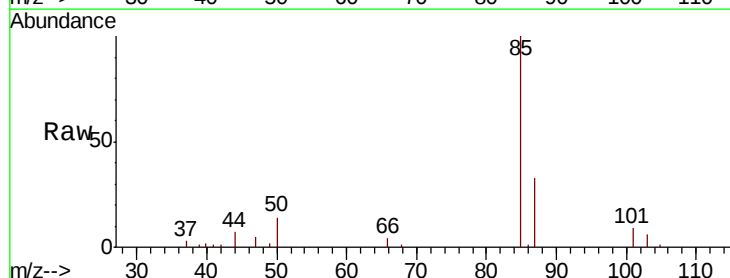
Acq: 07 Jul 2020 12:17

Tgt Ion: 85 Resp: 56465

Ion Ratio Lower Upper

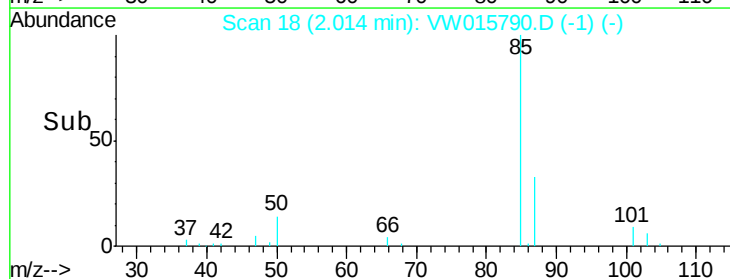
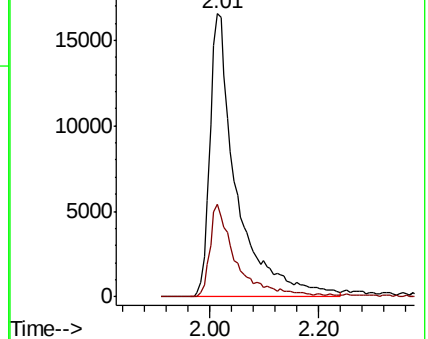
85 100

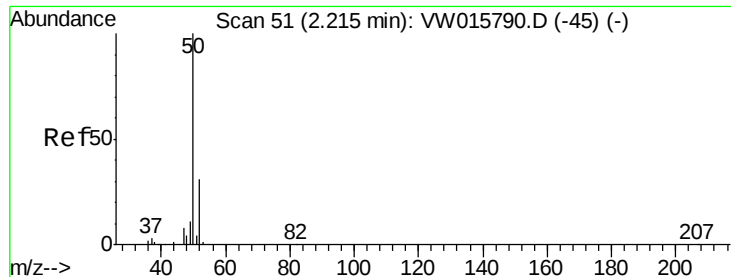
87 32.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 45.538 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW015790.D

Acq: 07 Jul 2020 12:17

Instrument :

MSVOA_W

ClientSampleId :

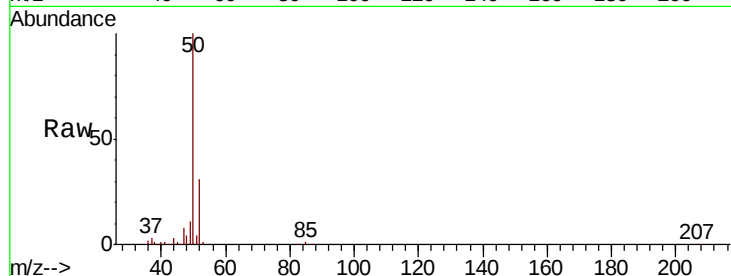
VSTDICCC050

Tot Ion: 50 Resp: 69087

Ion Ratio Lower Upper

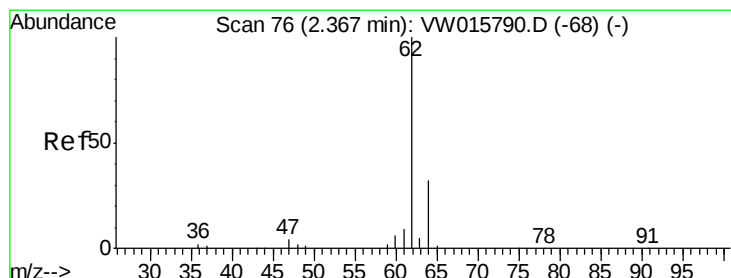
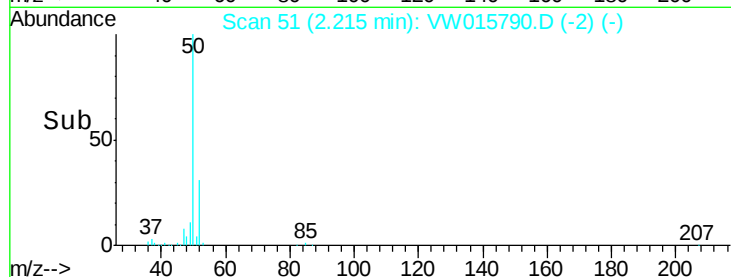
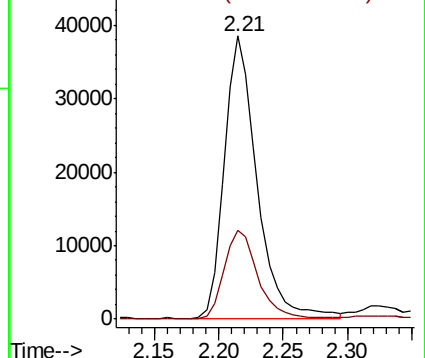
50 100

52 31.5 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 48.038 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW015790.D

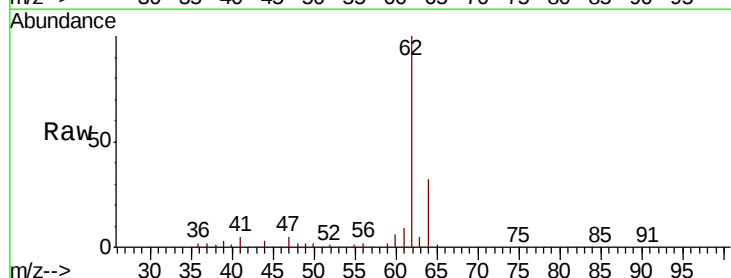
Acq: 07 Jul 2020 12:17

Tgt Ion: 62 Resp: 112783

Ion Ratio Lower Upper

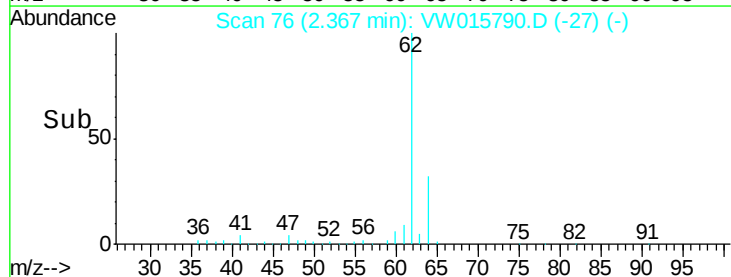
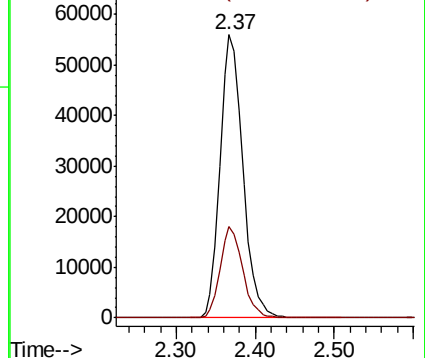
62 100

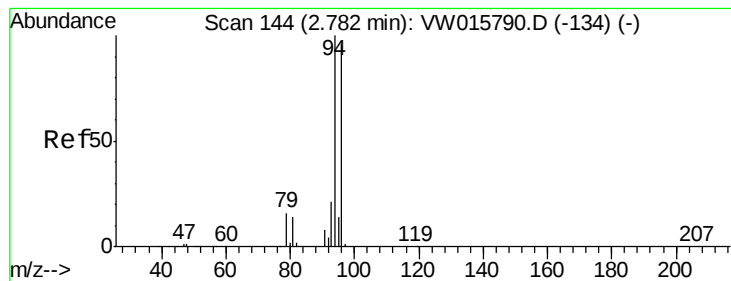
64 32.3 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 45.216 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW015790.D

Acq: 07 Jul 2020 12:17

Instrument :

MSVOA_W

ClientSampleId :

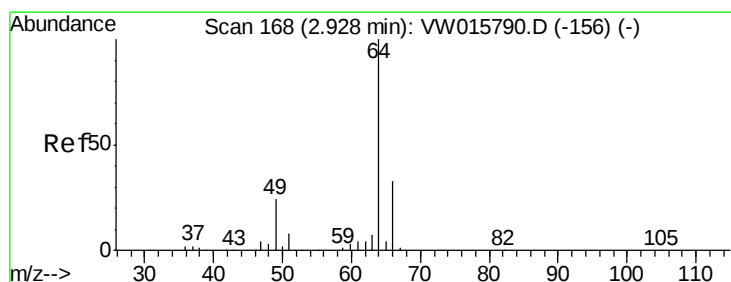
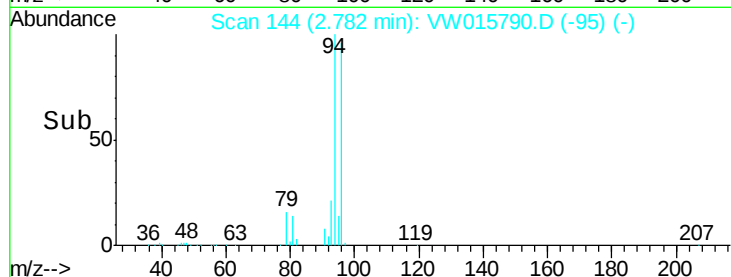
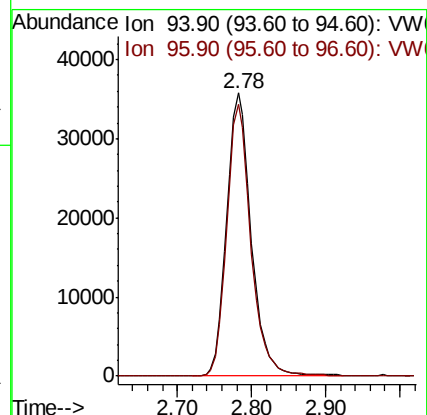
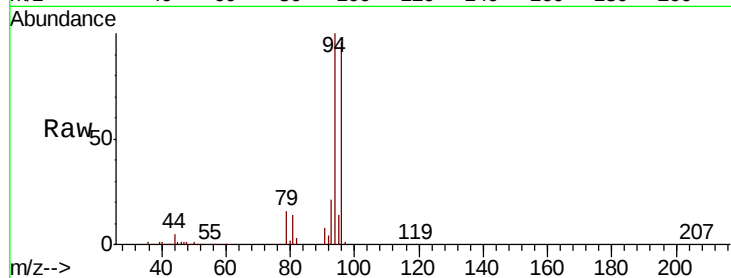
VSTDICCC050

Tot Ion: 94 Resp: 82550

Ion Ratio Lower Upper

94 100

96 95.9 76.7 115.1



#6

Chloroethane

Concen: 47.926 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW015790.D

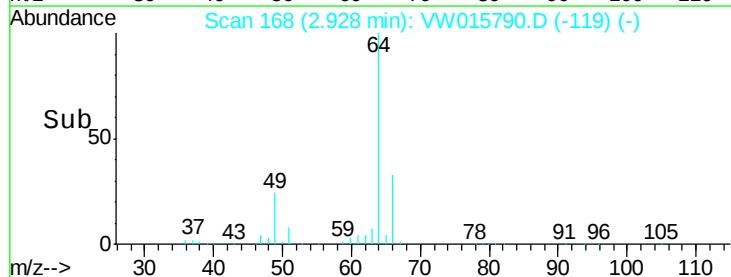
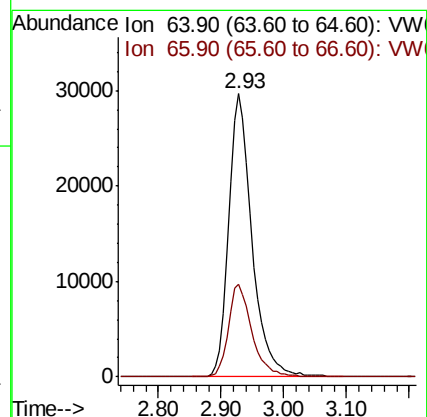
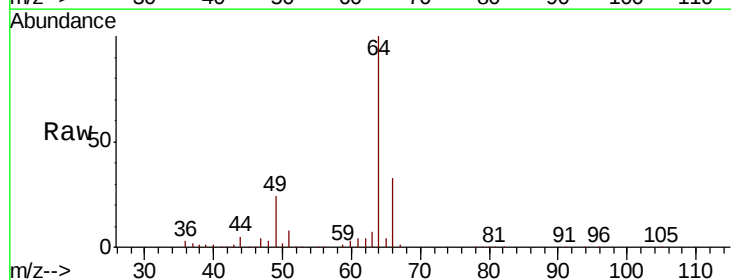
Acq: 07 Jul 2020 12:17

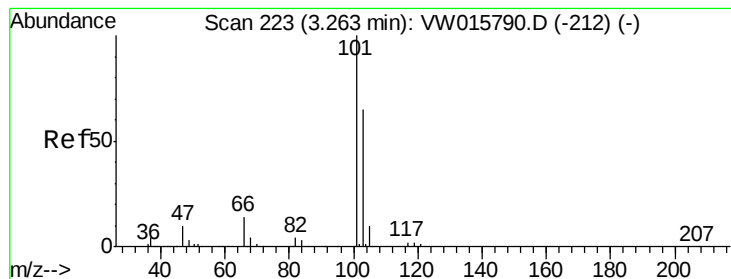
Tgt Ion: 64 Resp: 76164

Ion Ratio Lower Upper

64 100

66 32.5 26.0 39.0



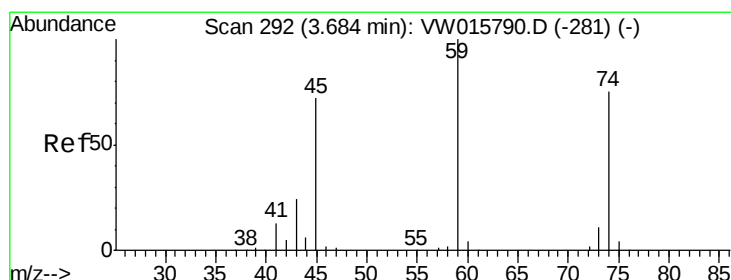
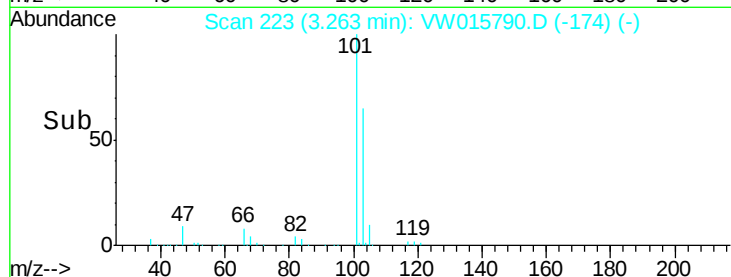
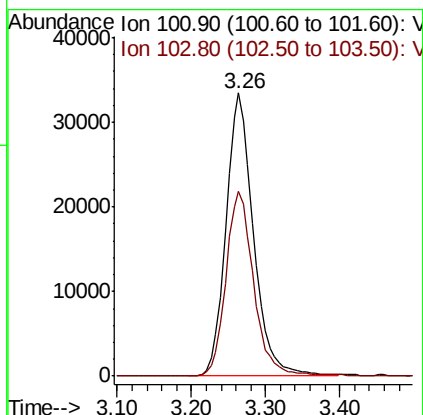
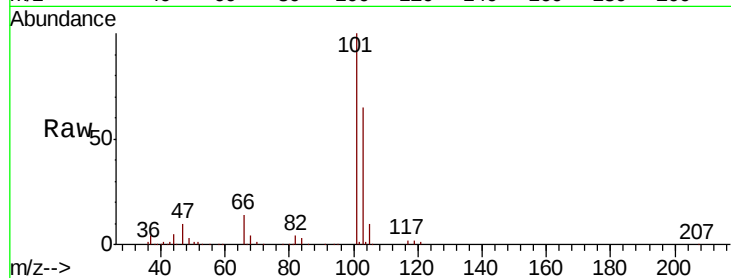


#7

Trichlorofluoromethane
 Concen: 51.410 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW015790.D
 Acq: 07 Jul 2020 12:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

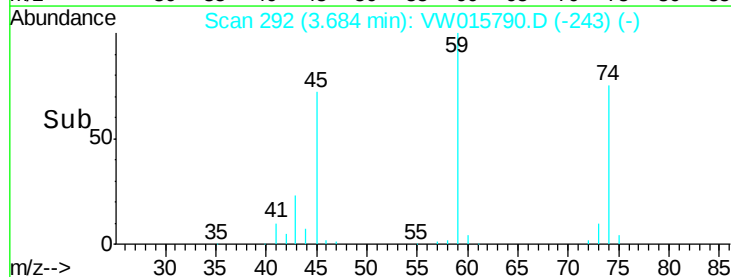
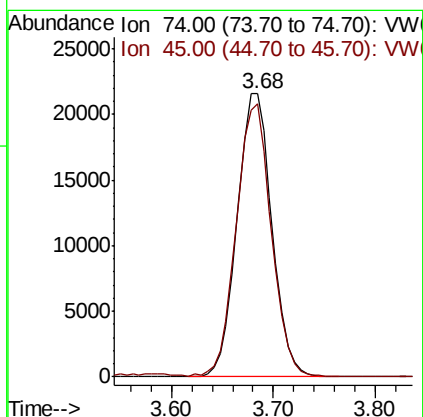
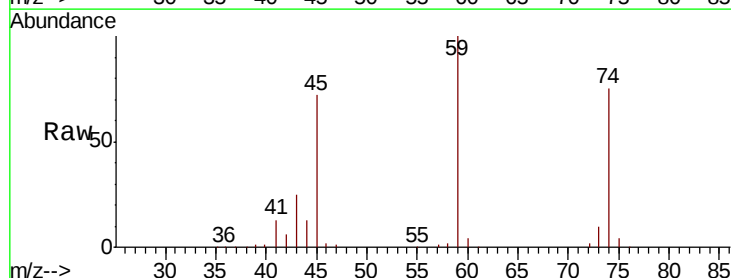
Tot Ion:101 Resp: 86256
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.2 78.4

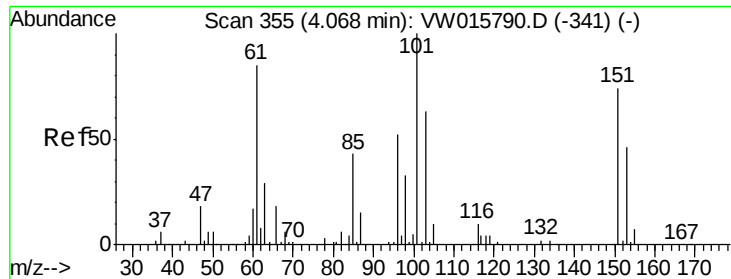


#8

Diethyl Ether
 Concen: 48.352 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW015790.D
 Acq: 07 Jul 2020 12:17

Tgt Ion: 74 Resp: 50986
 Ion Ratio Lower Upper
 74 100
 45 97.3 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.724 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW015790.D

Acq: 07 Jul 2020 12:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

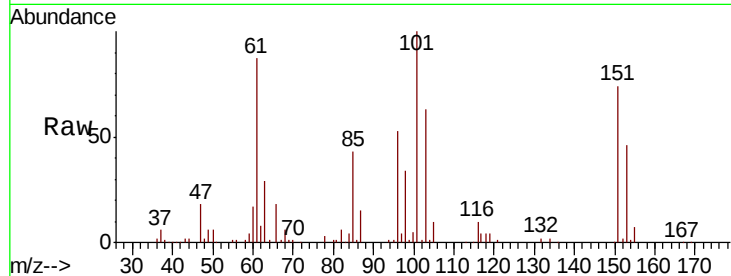
Tot Ion:101 Resp: 97153

Ion Ratio Lower Upper

101 100

85 45.1 36.1 54.1

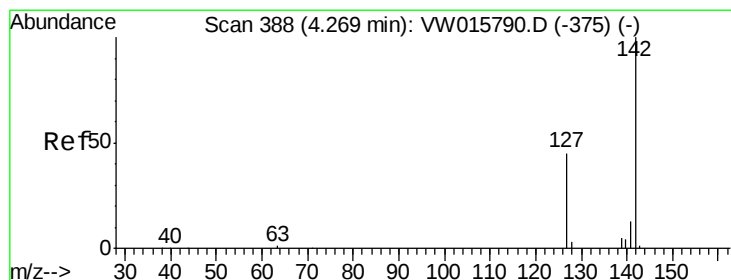
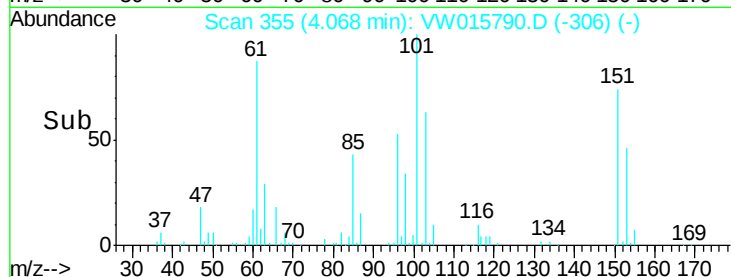
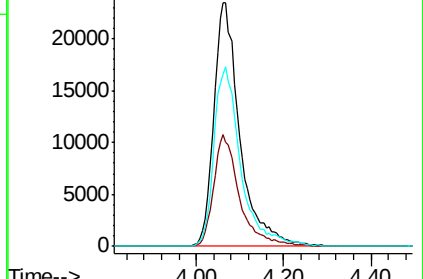
151 75.4 60.3 90.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.758 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW015790.D

Acq: 07 Jul 2020 12:17

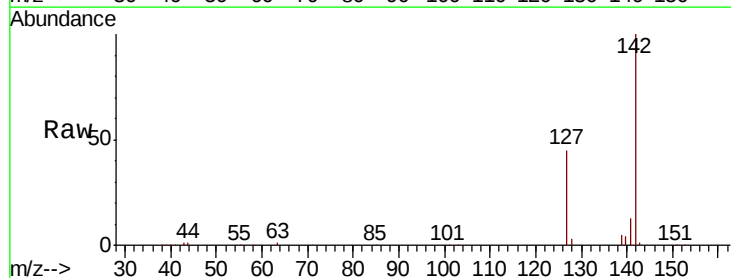
Tgt Ion:142 Resp: 138949

Ion Ratio Lower Upper

142 100

127 45.1 36.1 54.1

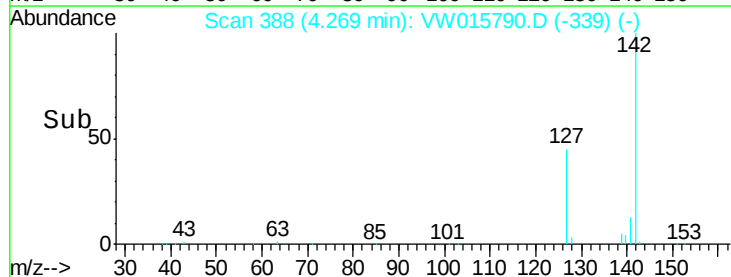
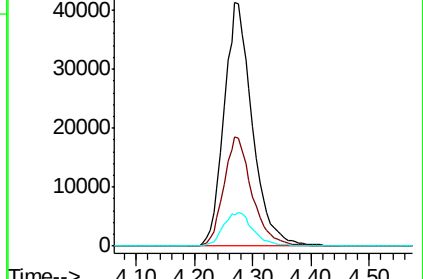
141 14.6 11.7 17.5

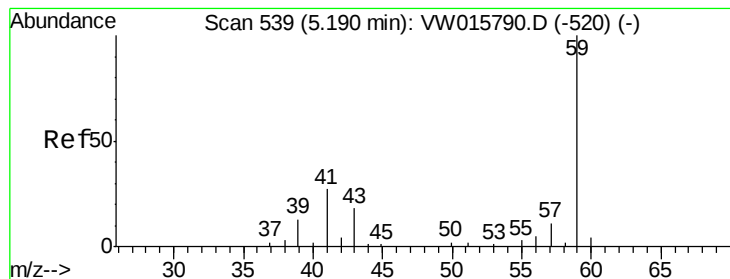


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



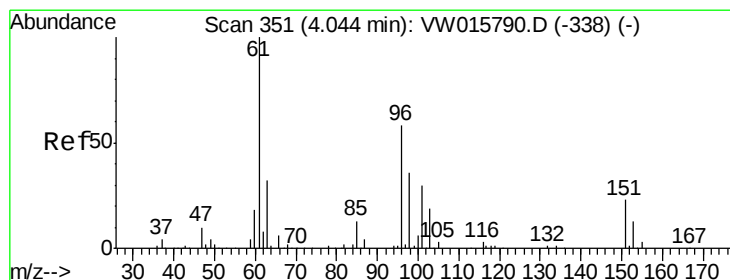
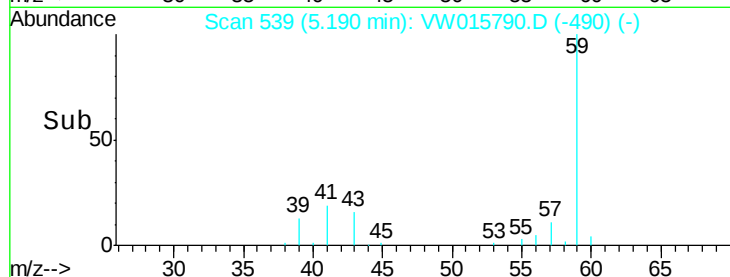
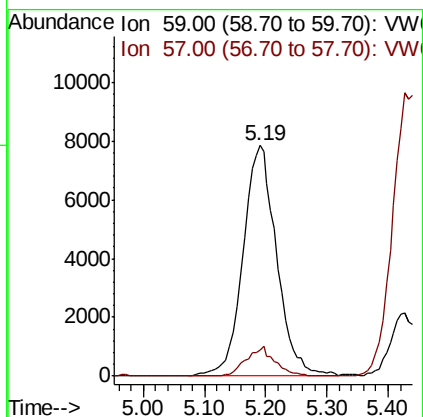
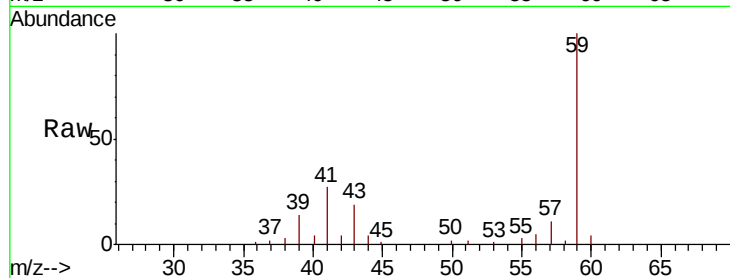


#11

Tert butyl alcohol
 Concen: 285.608 ug/l
 RT: 5.19 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: VW015790.D
 Acq: 07 Jul 2020 12:17

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

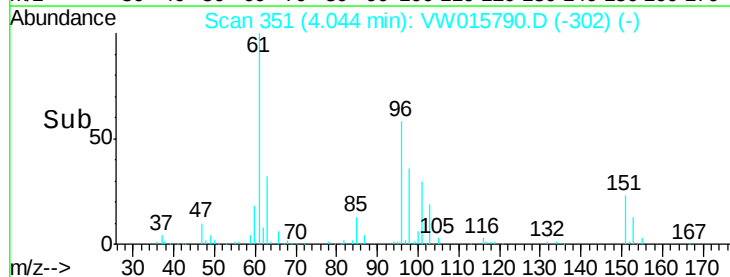
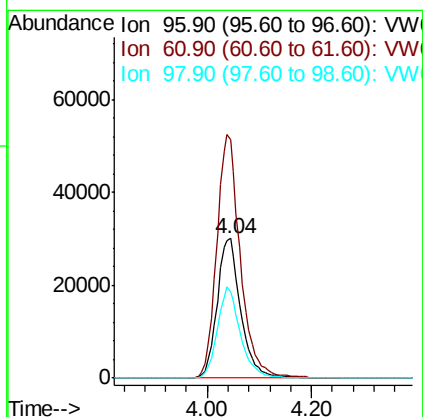
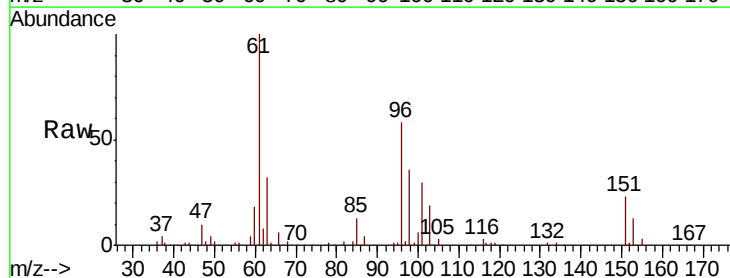
Tot Ion: 59 Resp: 29952
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.7 13.1

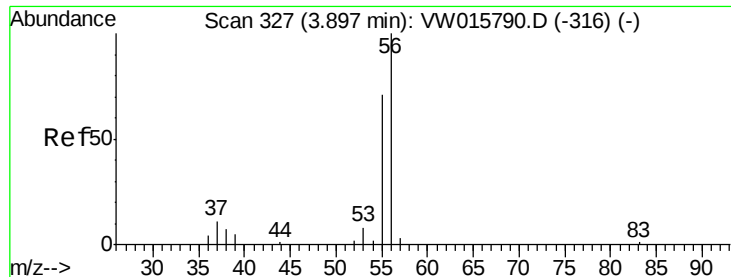


#12

1,1-Dichloroethene
 Concen: 49.186 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VW015790.D
 Acq: 07 Jul 2020 12:17

Tgt Ion: 96 Resp: 95551
 Ion Ratio Lower Upper
 96 100
 61 171.2 137.0 205.4
 98 61.6 49.3 73.9

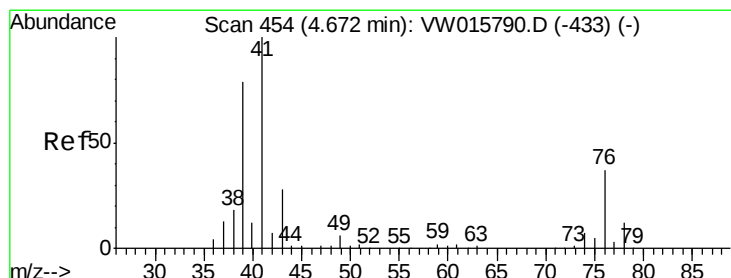
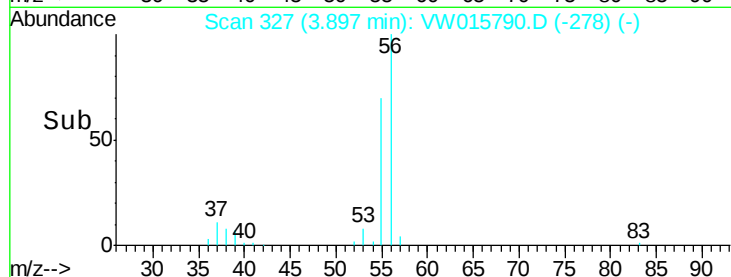
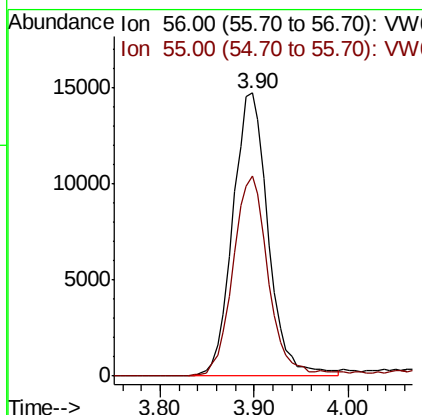
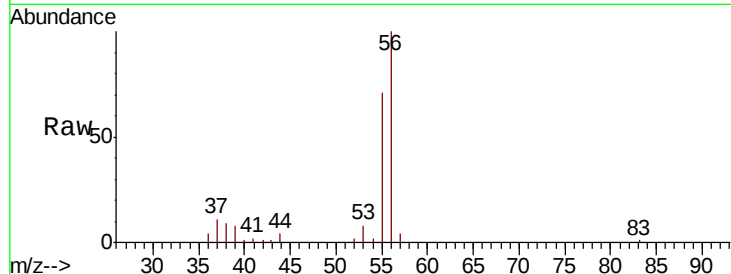




#13
Acrolein
Concen: 256.031 ug/l
RT: 3.90 min Scan# 327
Delta R.T. 0.00 min
Lab File: VW015790.D
Acq: 07 Jul 2020 12:17

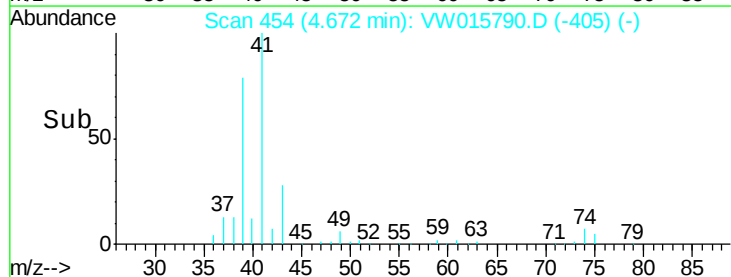
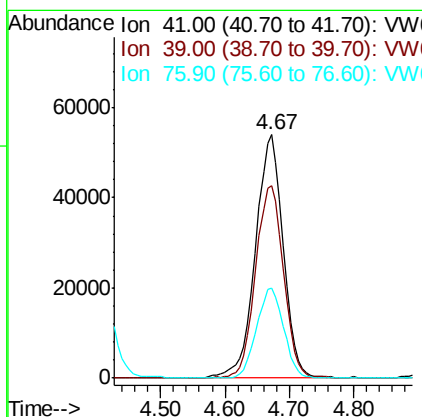
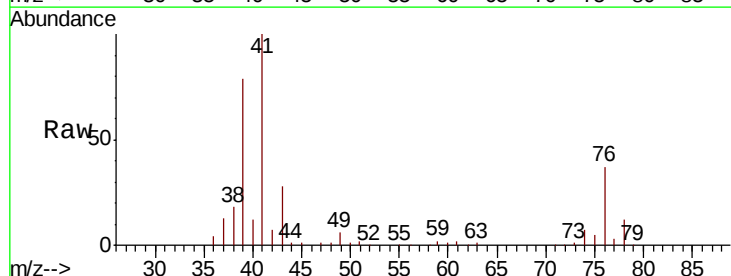
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

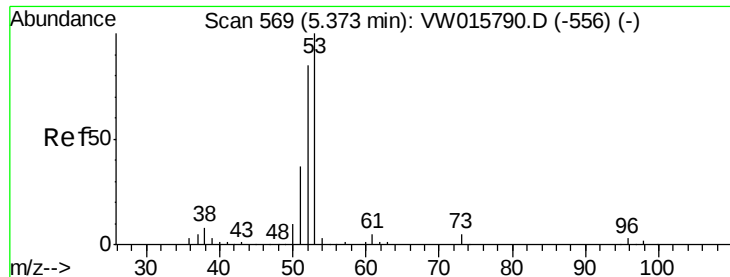
Tot Ion: 56 Resp: 38583
Ion Ratio Lower Upper
56 100
55 69.7 55.8 83.6



#14
Allyl chloride
Concen: 50.793 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW015790.D
Acq: 07 Jul 2020 12:17

Tgt Ion: 41 Resp: 160120
Ion Ratio Lower Upper
41 100
39 80.0 64.0 96.0
76 36.1 28.9 43.3





#15

Acrylonitrile

Concen: 264.774 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW015790.D

Acq: 07 Jul 2020 12:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

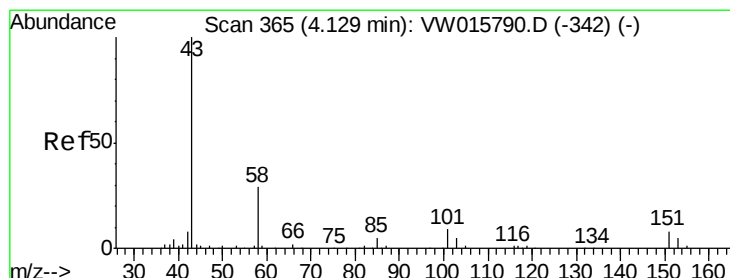
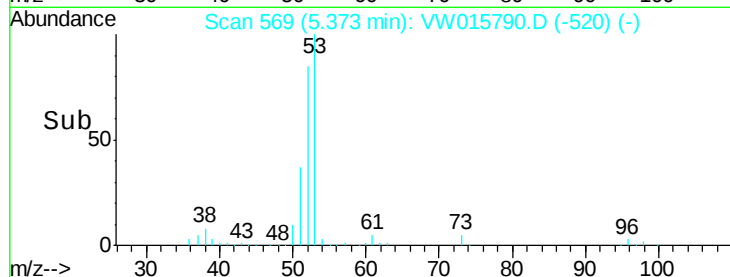
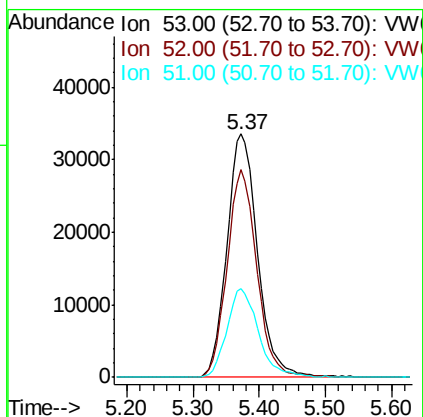
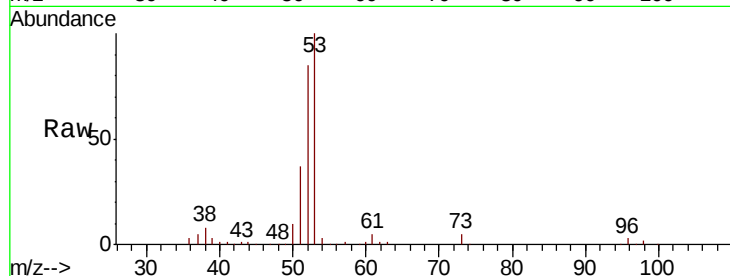
Tot Ion: 53 Resp: 107660

Ion Ratio Lower Upper

53 100

52 82.3 65.8 98.8

51 37.7 30.2 45.2



#16

Acetone

Concen: 279.763 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW015790.D

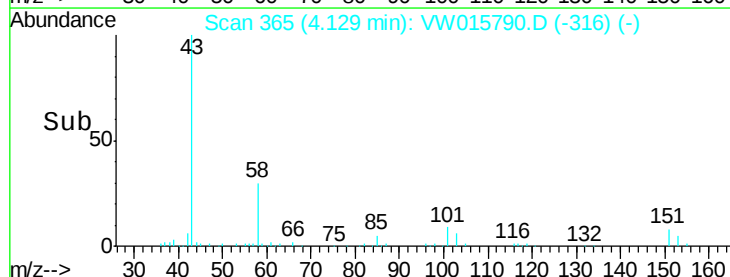
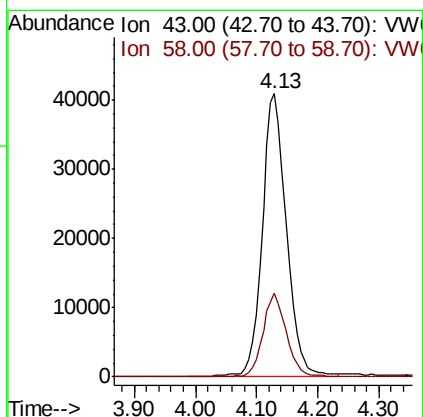
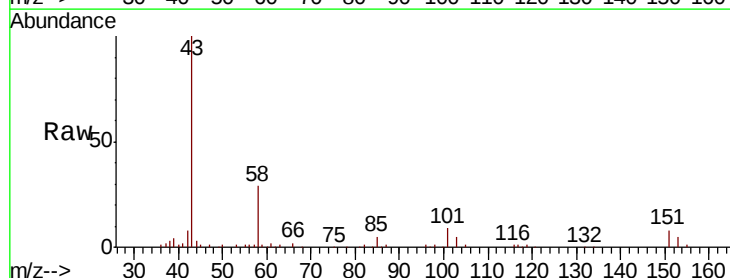
Acq: 07 Jul 2020 12:17

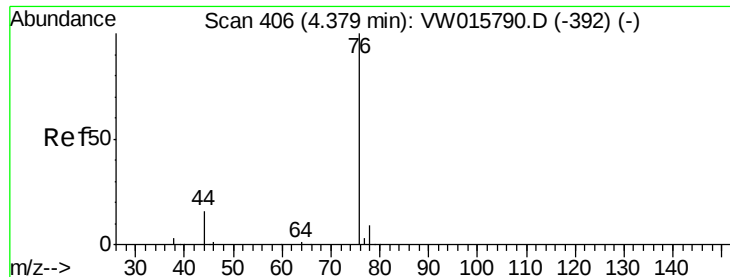
Tgt Ion: 43 Resp: 112968

Ion Ratio Lower Upper

43 100

58 29.4 23.5 35.3

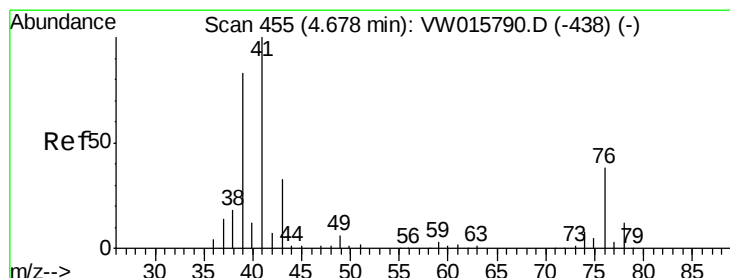
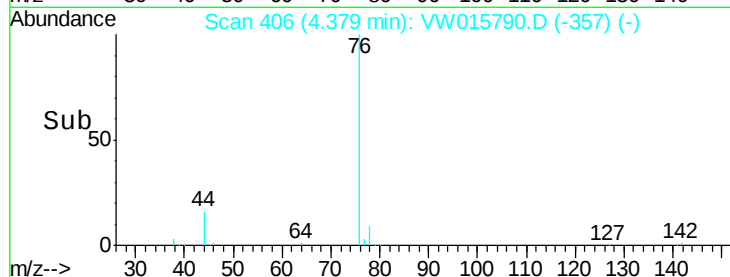
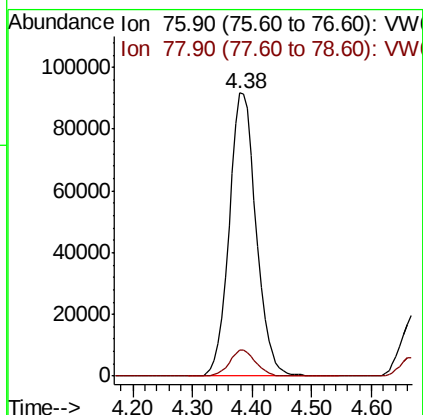
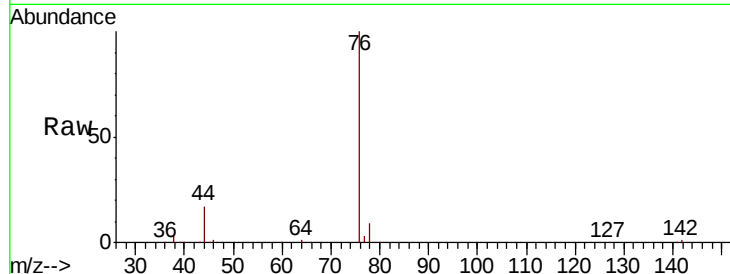




#17
Carbon Disulfide
Concen: 49.822 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW015790.D
Acq: 07 Jul 2020 12:17

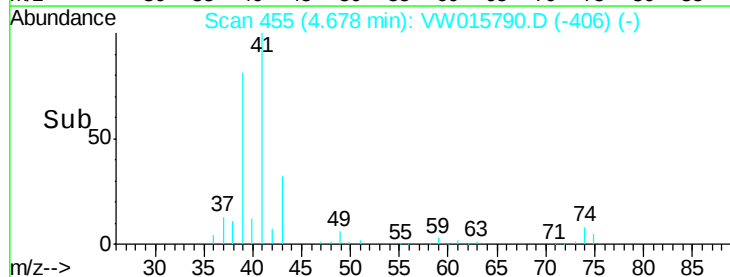
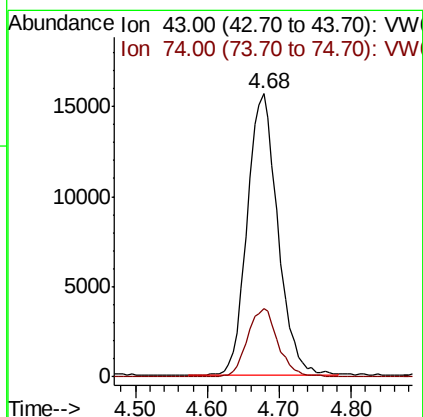
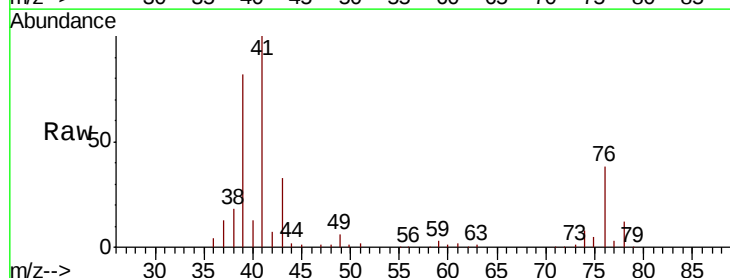
Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

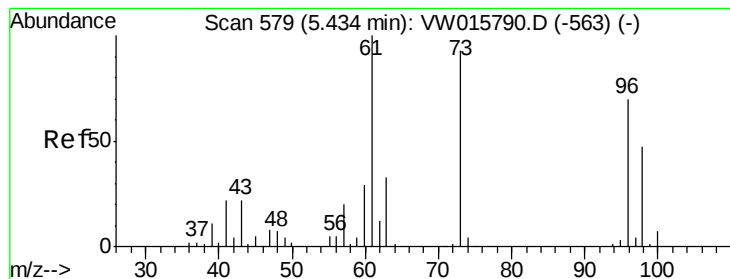
Tot Ion: 76 Resp: 287885
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 50.563 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW015790.D
Acq: 07 Jul 2020 12:17

Tgt Ion: 43 Resp: 46327
Ion Ratio Lower Upper
43 100
74 24.0 19.2 28.8



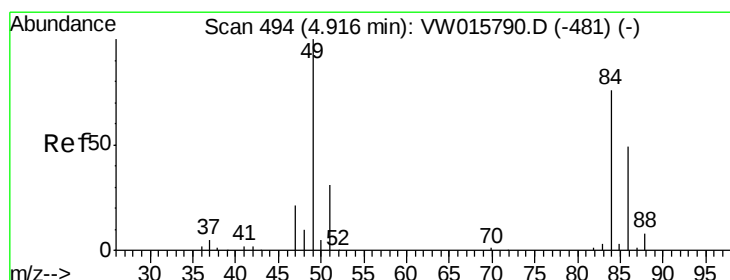
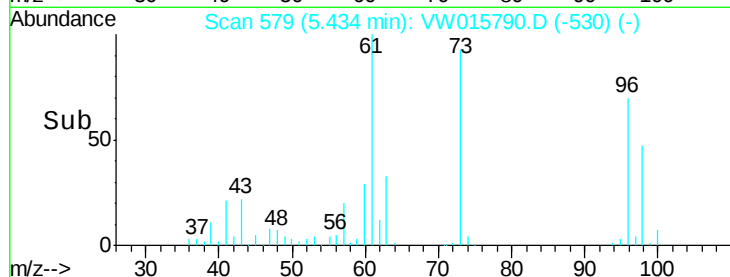
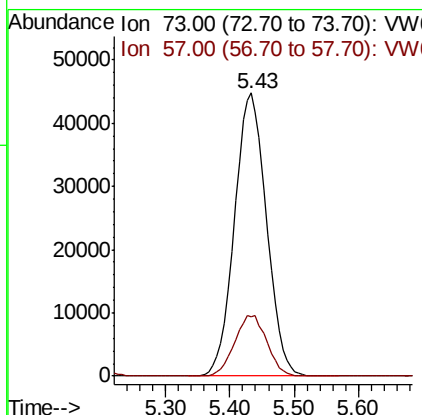
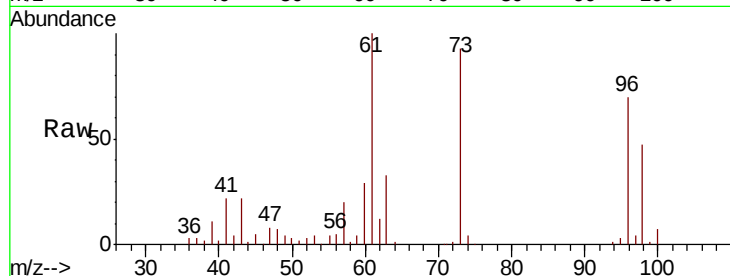


#19

Methyl tert-butyl Ether
 Concen: 53.492 ug/l
 RT: 5.43 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: VW015790.D
 Acq: 07 Jul 2020 12:17

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDICCC050

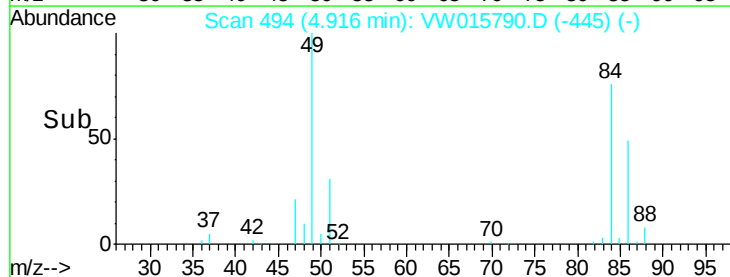
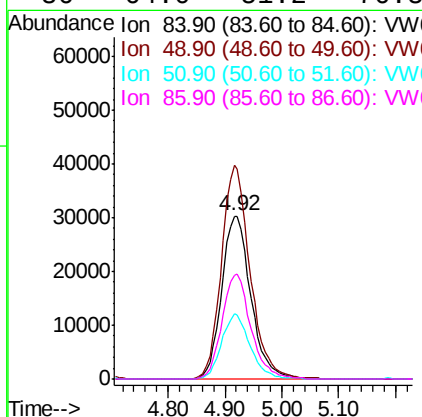
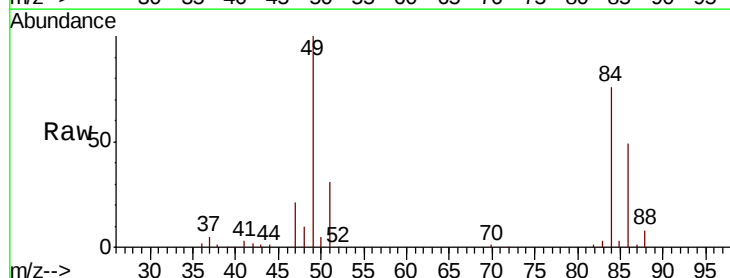
Tot Ion: 73 Resp: 153848
 Ion Ratio Lower Upper
 73 100
 57 21.0 16.8 25.2

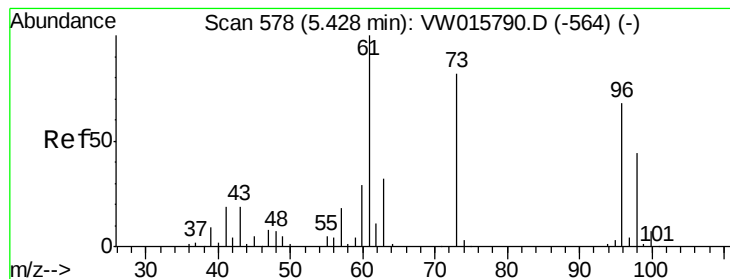


#20

Methylene Chloride
 Concen: 44.462 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW015790.D
 Acq: 07 Jul 2020 12:17

Tgt Ion: 84 Resp: 108102
 Ion Ratio Lower Upper
 84 100
 49 131.3 105.0 157.6
 51 40.4 32.3 48.5
 86 64.0 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 49.829 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW015790.D

Acq: 07 Jul 2020 12:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

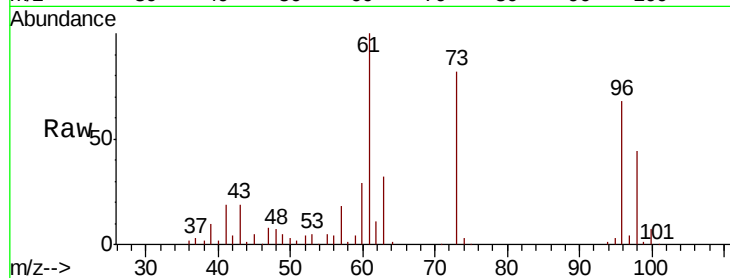
Tot Ion: 96 Resp: 111433

Ion Ratio Lower Upper

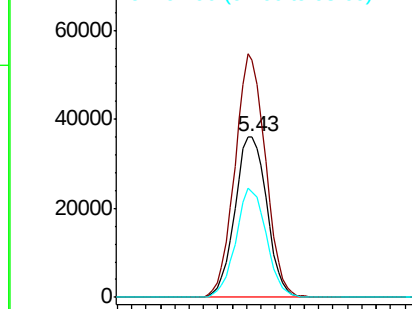
96 100

61 147.6 118.1 177.1

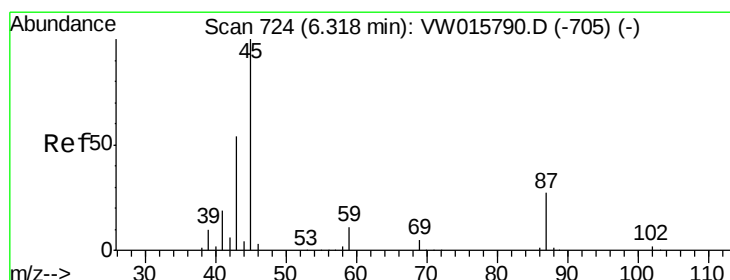
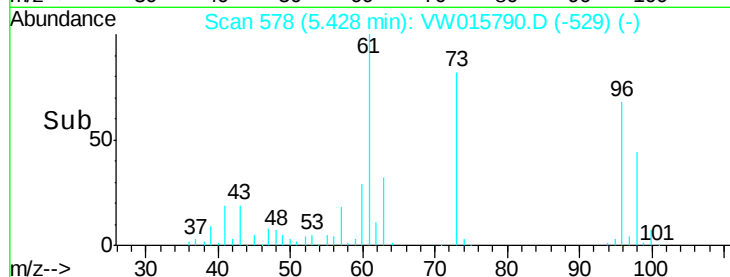
98 65.7 52.6 78.8



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



Time-->



#22

Diisopropyl ether

Concen: 51.660 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW015790.D

Acq: 07 Jul 2020 12:17

Tgt Ion: 45 Resp: 327279

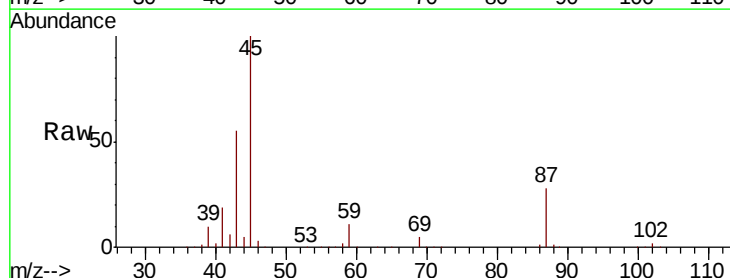
Ion Ratio Lower Upper

45 100

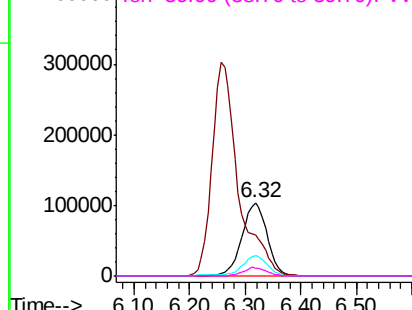
43 54.7 43.8 65.6

87 27.6 22.1 33.1

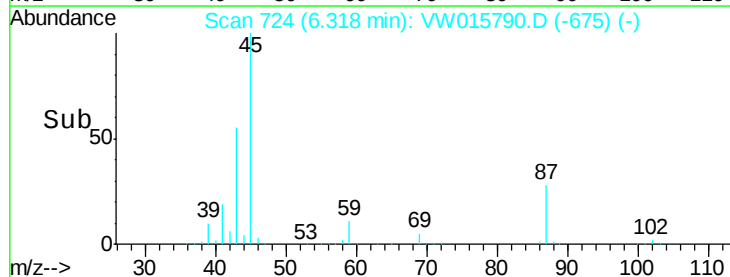
59 11.1 8.9 13.3

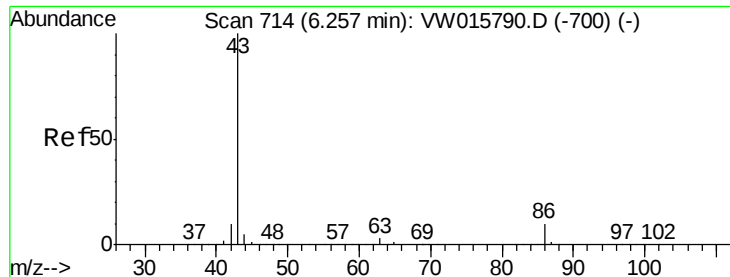


Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW



Time-->





#23

Vinyl Acetate

Concen: 266.294 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW015790.D

Acq: 07 Jul 2020 12:17

Instrument :

MSVOA_W

ClientSampleId :

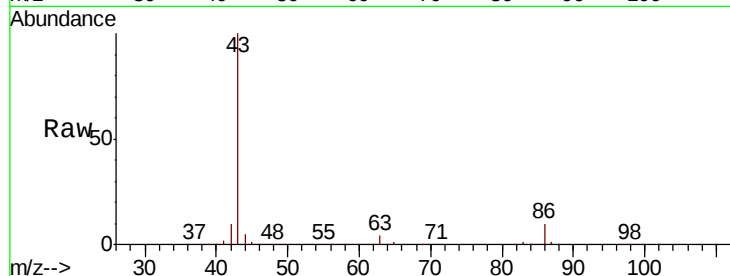
VSTDICCC050

Tot Ion: 43 Resp: 997668

Ion Ratio Lower Upper

43 100

86 10.3 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

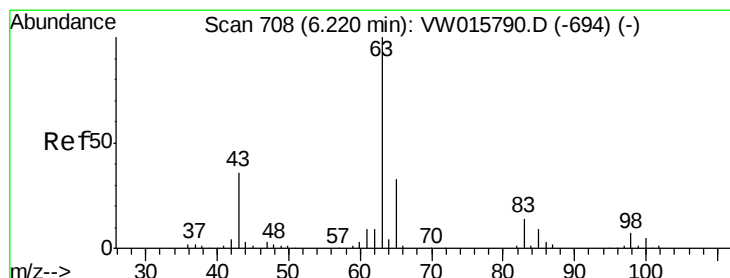
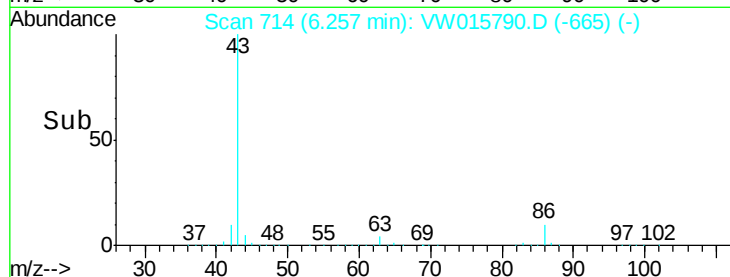
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.865 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW015790.D

Acq: 07 Jul 2020 12:17

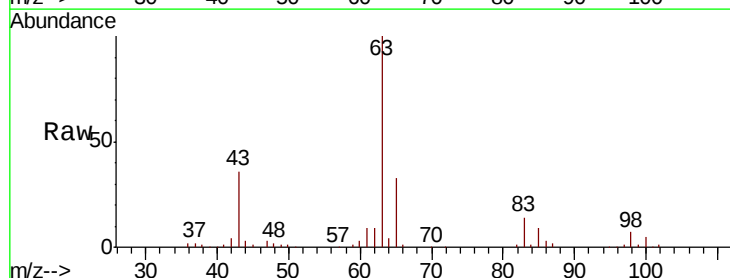
Tgt Ion: 63 Resp: 200189

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.2

100 4.7 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.22

80000

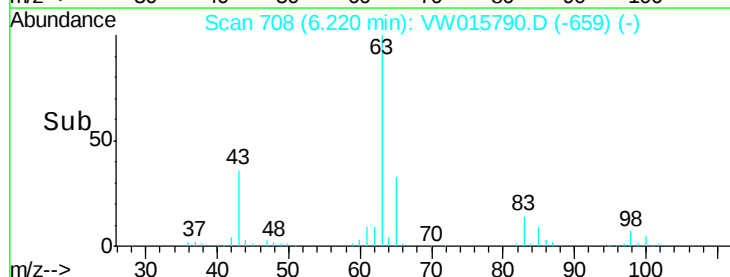
60000

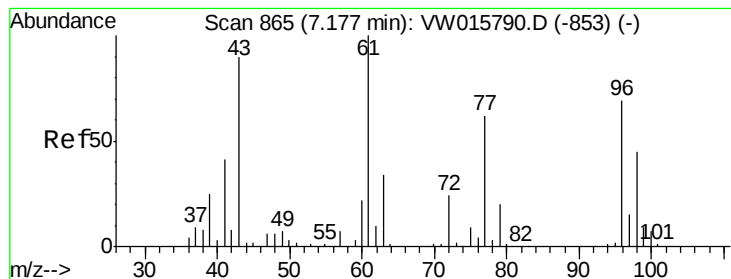
40000

20000

0

Time-->





#25

2-Butanone

Concen: 270.994 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW015790.D

Acq: 07 Jul 2020 12:17

Instrument :

MSVOA_W

ClientSampleId :

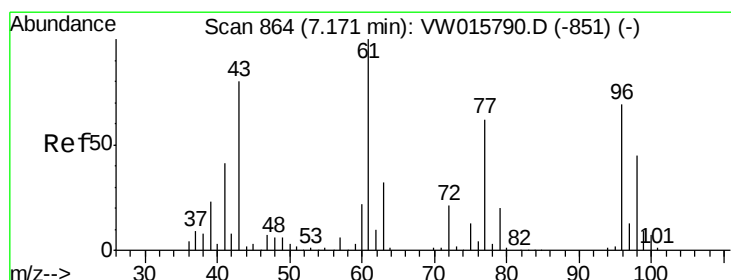
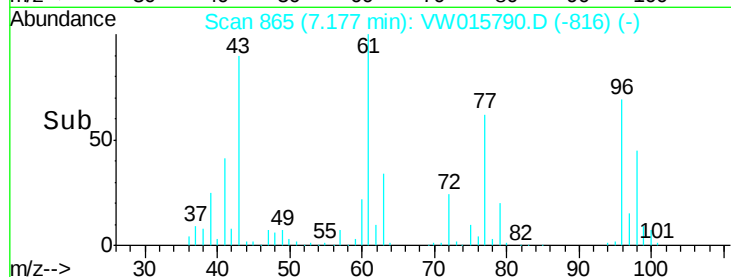
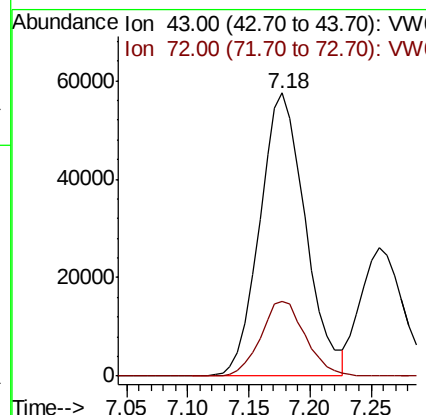
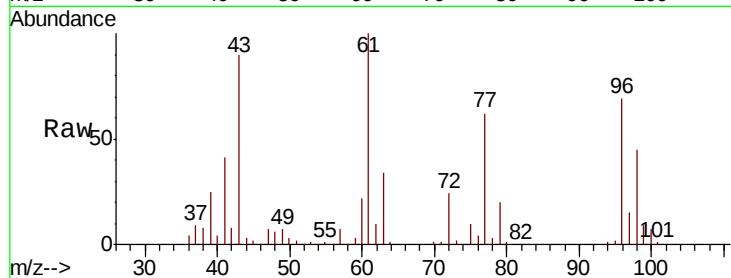
VSTDICCC050

Tot Ion: 43 Resp: 148916

Ion Ratio Lower Upper

43 100

72 26.6 21.3 31.9



#26

2,2-Dichloropropane

Concen: 49.527 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015790.D

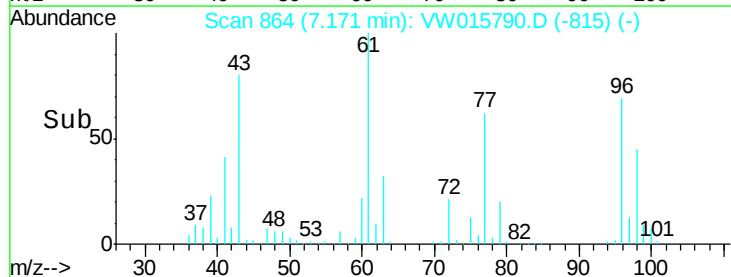
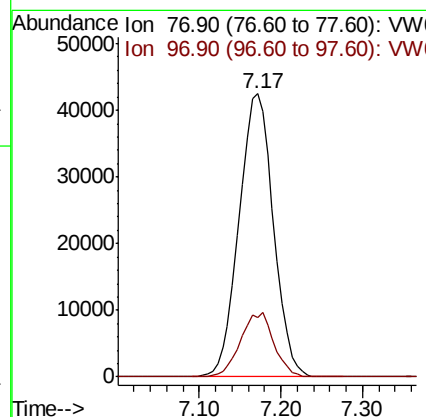
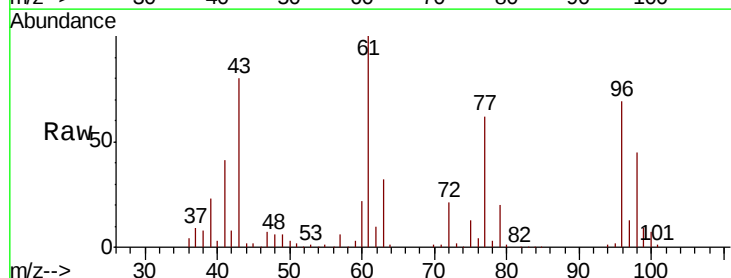
Acq: 07 Jul 2020 12:17

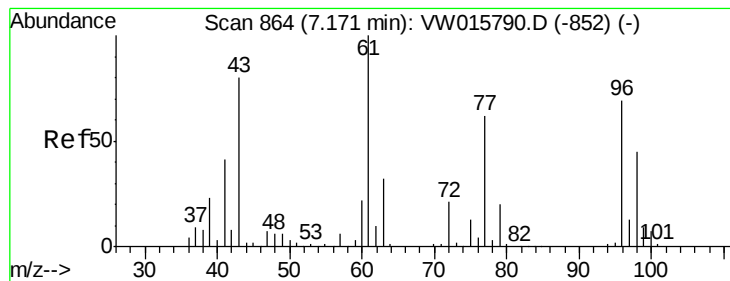
Tgt Ion: 77 Resp: 124207

Ion Ratio Lower Upper

77 100

97 22.0 11.0 33.0



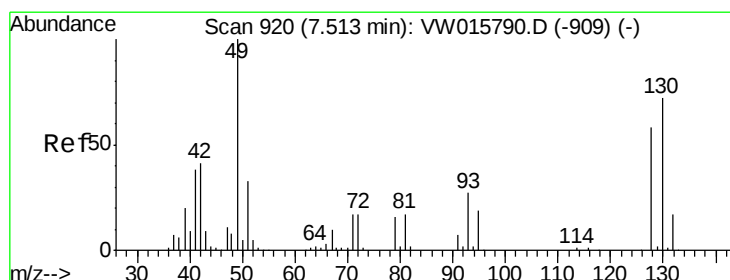
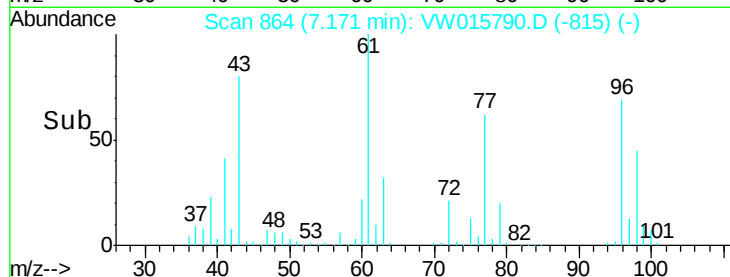
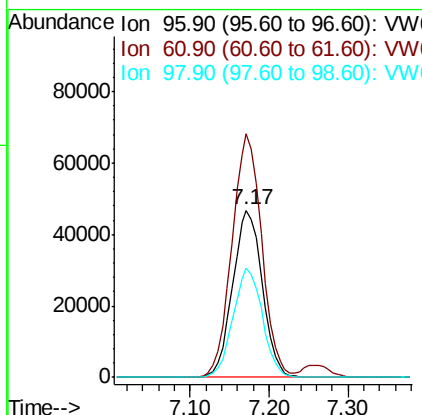
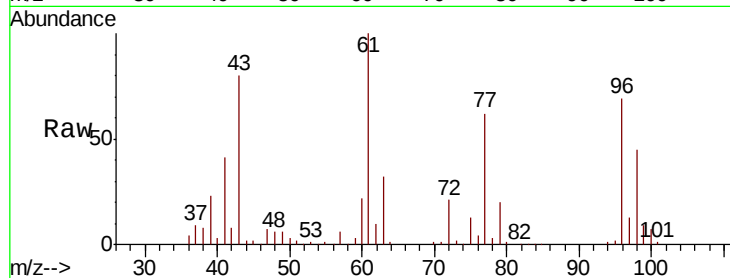


#27

cis-1,2-Dichloroethene
Concen: 50.659 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015790.D
Acq: 07 Jul 2020 12:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

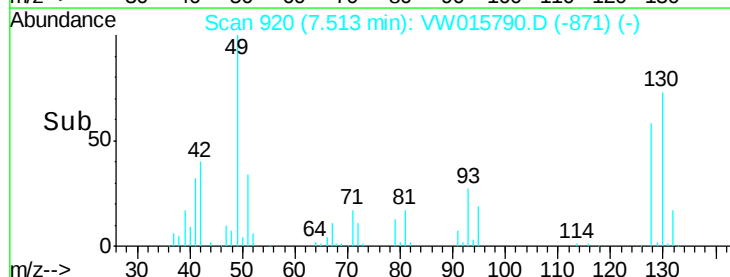
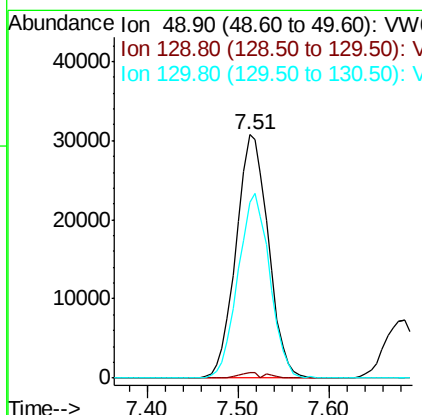
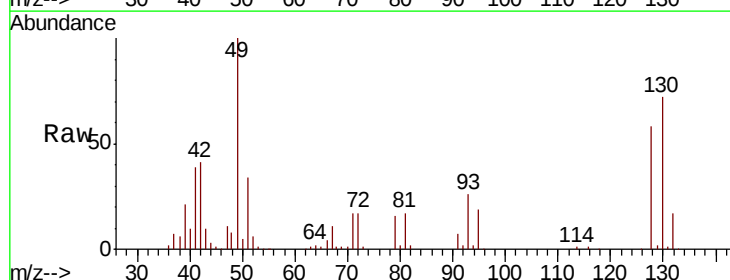
Tot Ion	Ratio	Lower	Upper
96	100		
61	146.1	0.0	292.2
98	64.5	0.0	129.0



#28

Bromochloromethane
Concen: 47.729 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW015790.D
Acq: 07 Jul 2020 12:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	2.6
130	74.4	59.5	89.3





#29

Tetrahydrofuran

Concen: 269.025 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.00 min

Lab File: VW015790.D

Acq: 07 Jul 2020 12:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

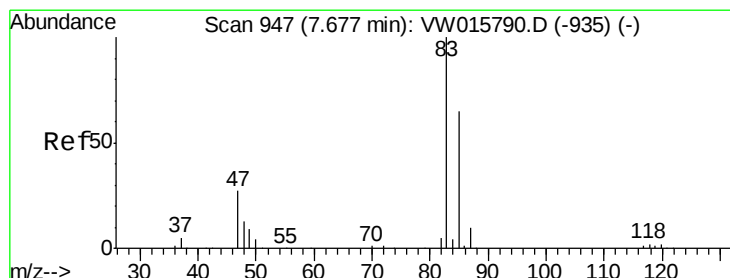
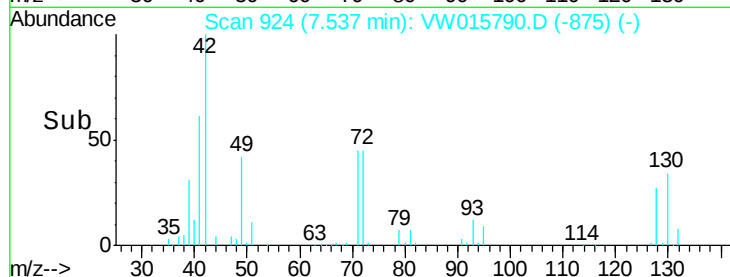
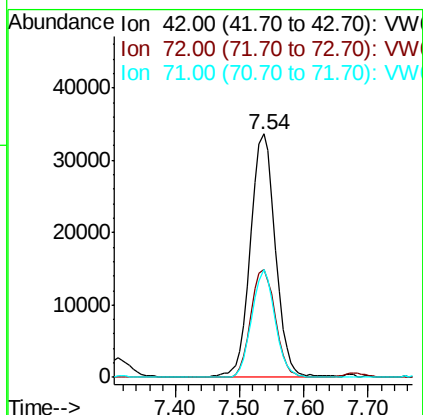
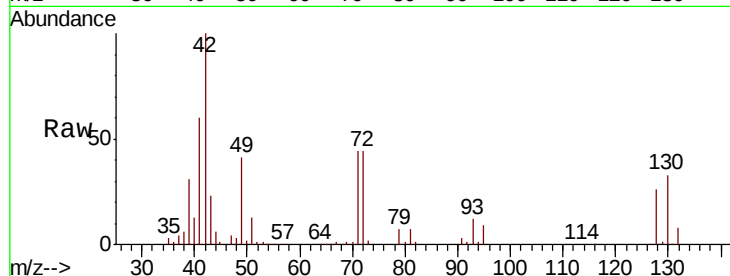
Tot Ion: 42 Resp: 89327

Ion Ratio Lower Upper

42 100

72 43.2 34.6 51.8

71 41.0 32.8 49.2



#30

Chloroform

Concen: 49.913 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.00 min

Lab File: VW015790.D

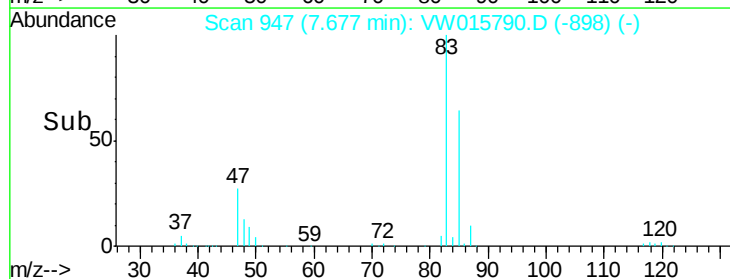
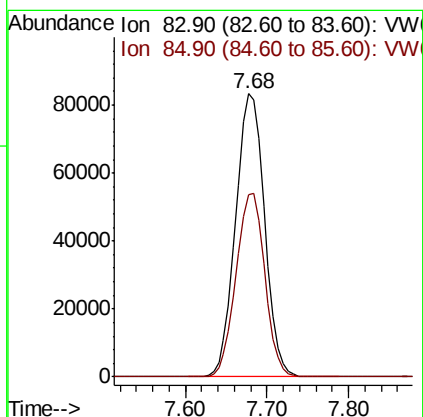
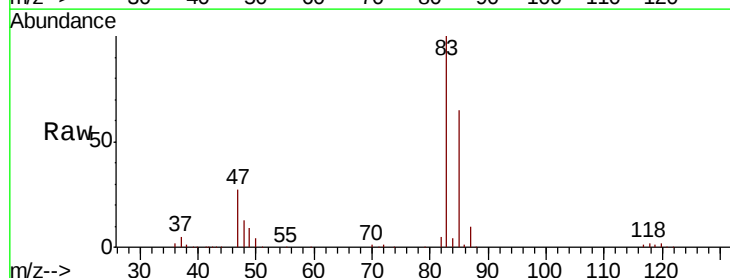
Acq: 07 Jul 2020 12:17

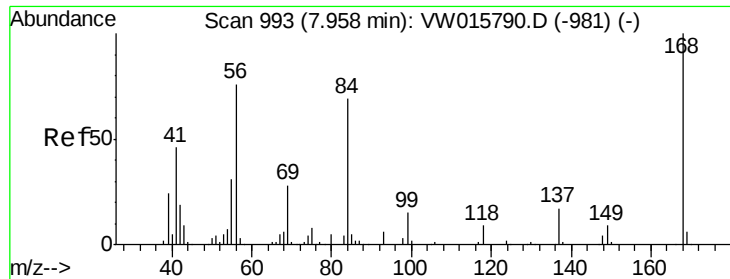
Tgt Ion: 83 Resp: 204591

Ion Ratio Lower Upper

83 100

85 64.5 51.6 77.4

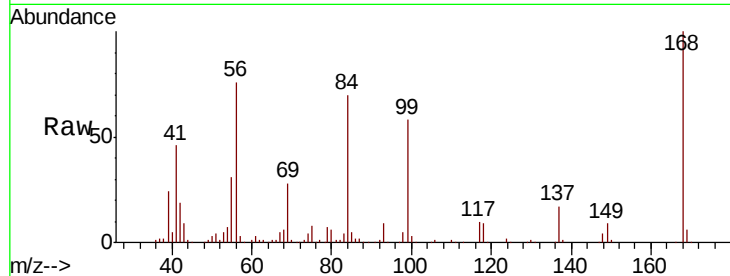




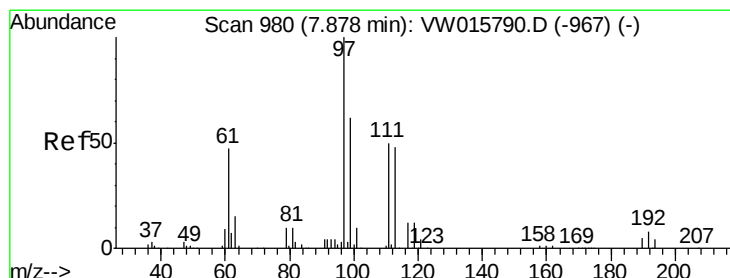
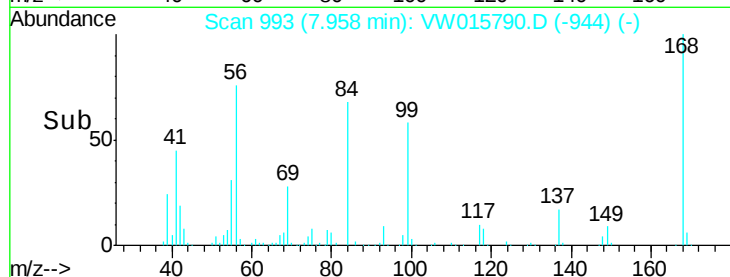
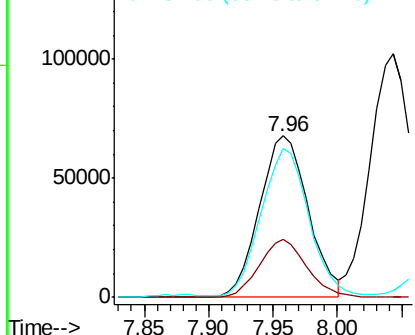
#31
Cyclohexane
Concen: 46.920 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW015790.D
Acq: 07 Jul 2020 12:17

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion: 56 Resp: 177961
Ion Ratio Lower Upper
56 100
69 36.1 28.9 43.3
84 90.3 72.2 108.4

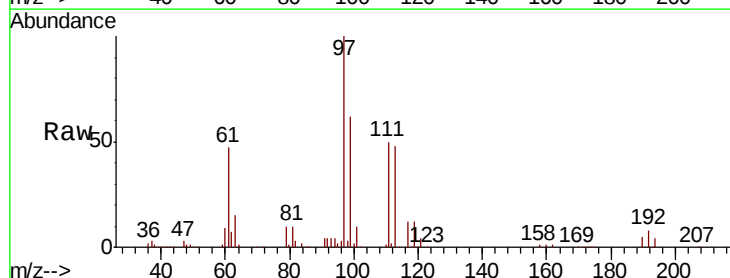


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

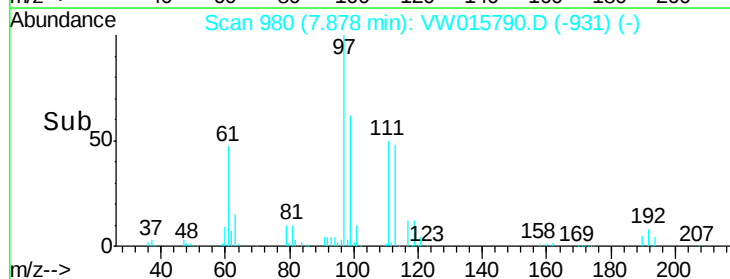
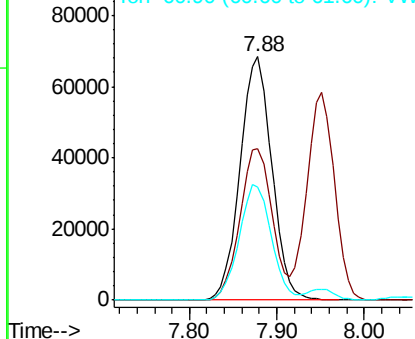


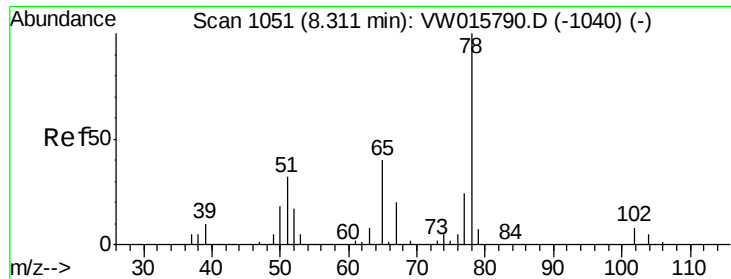
#32
1,1,1-Trichloroethane
Concen: 50.394 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW015790.D
Acq: 07 Jul 2020 12:17

Tgt Ion: 97 Resp: 172926
Ion Ratio Lower Upper
97 100
99 63.7 51.0 76.4
61 48.2 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

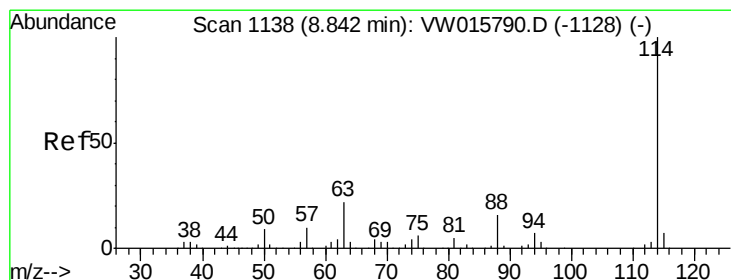
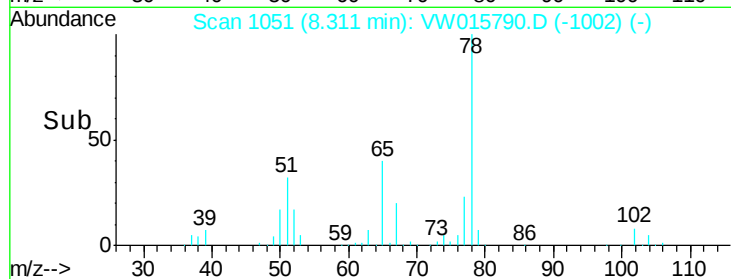
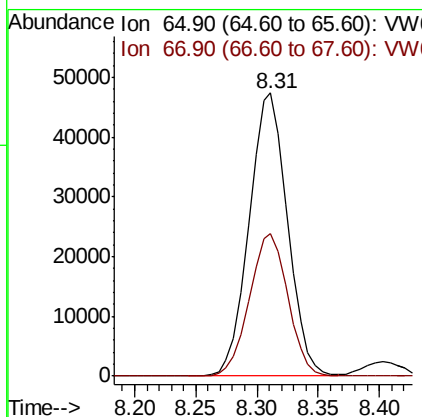
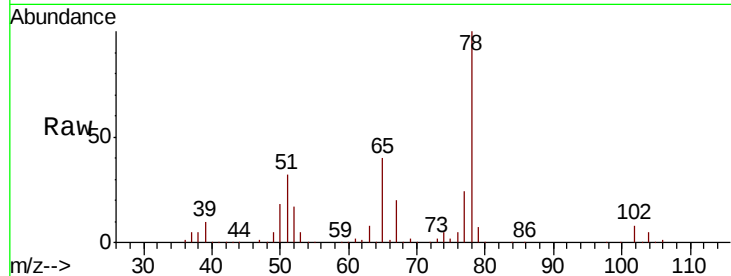




#33
 1,2-Dichloroethane-d4
 Concen: 47.359 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW015790.D
 Acq: 07 Jul 2020 12:17

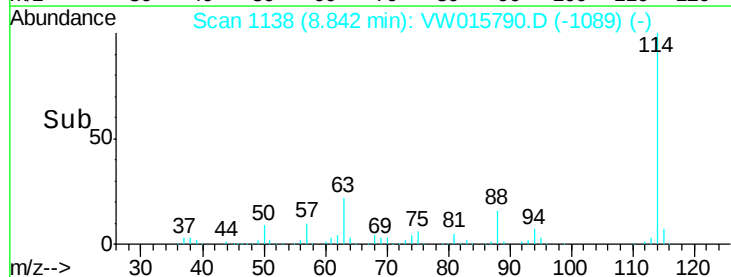
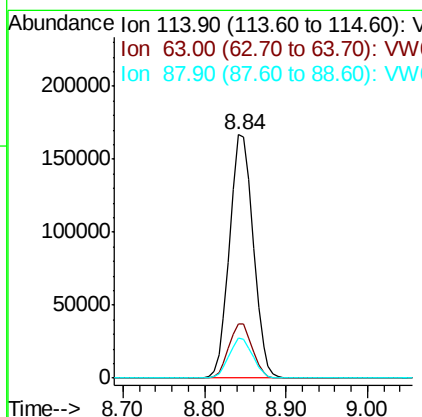
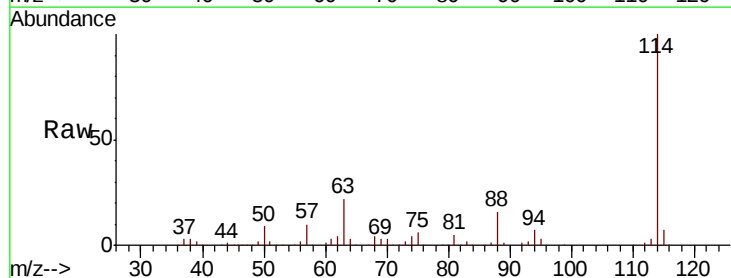
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

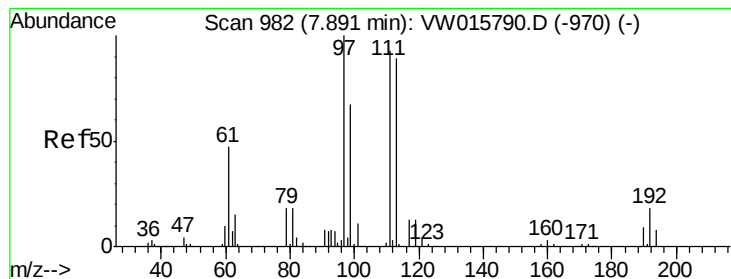
Tot Ion: 65 Resp: 103279
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015790.D
 Acq: 07 Jul 2020 12:17

Tgt Ion: 114 Resp: 333482
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 44.4
 88 16.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.355 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW015790.D

Acq: 07 Jul 2020 12:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

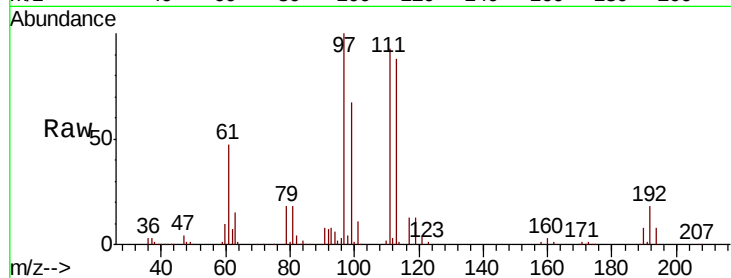
Tot Ion:113 Resp: 91763

Ion Ratio Lower Upper

113 100

111 103.5 82.8 124.2

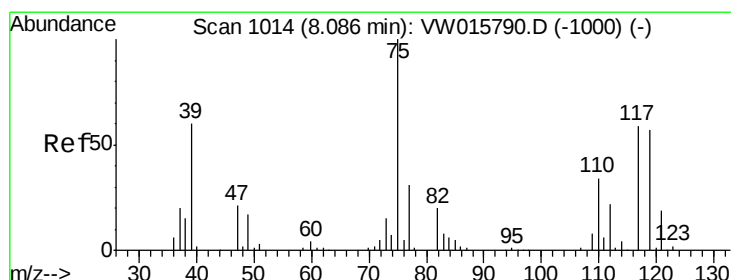
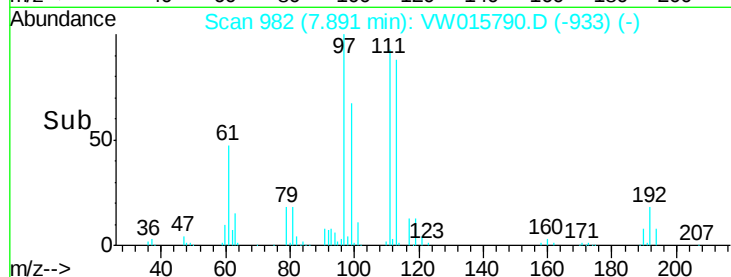
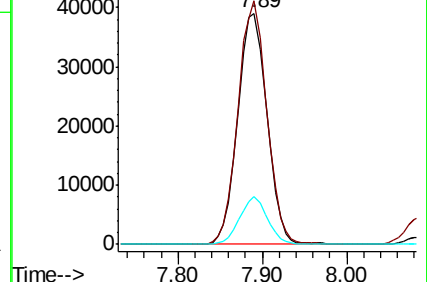
192 19.3 15.4 23.2



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: 50.581 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW015790.D

Acq: 07 Jul 2020 12:17

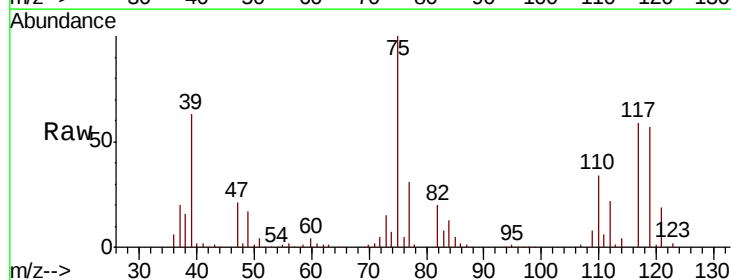
Tgt Ion: 75 Resp: 166339

Ion Ratio Lower Upper

75 100

110 33.5 16.8 50.3

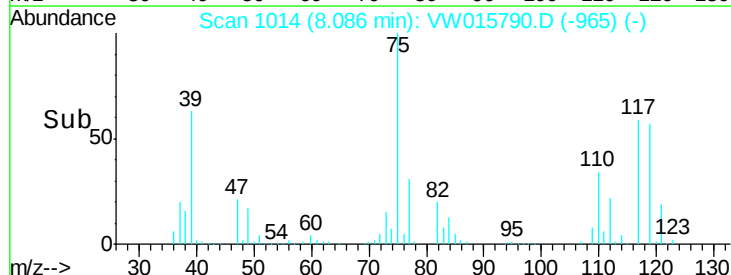
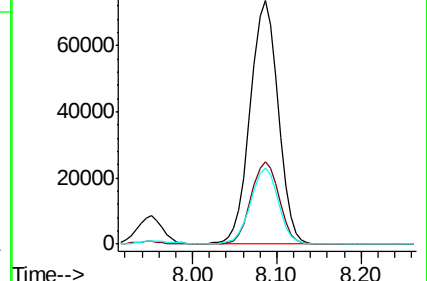
77 30.9 24.7 37.1

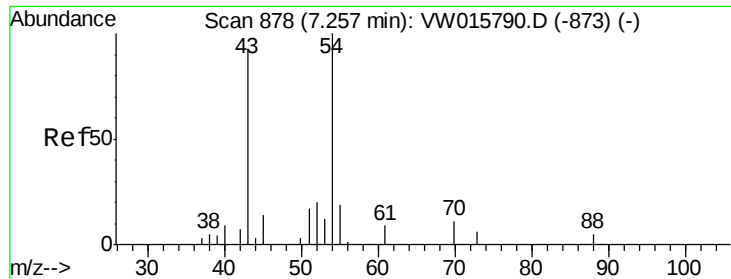


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

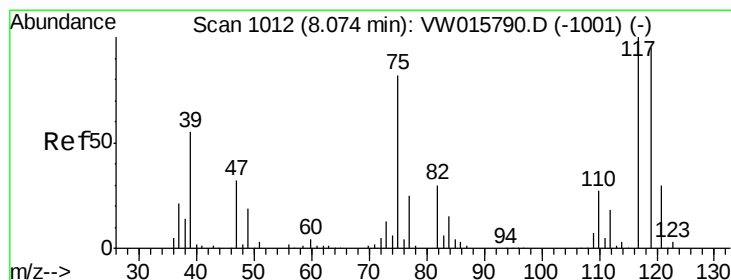
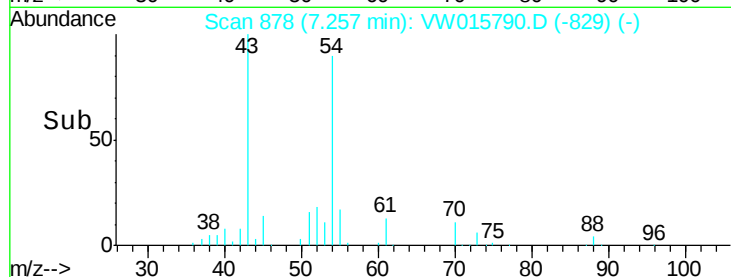
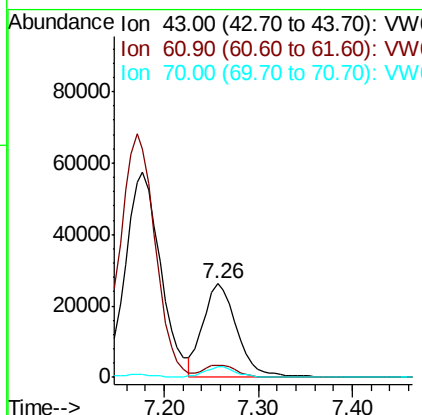
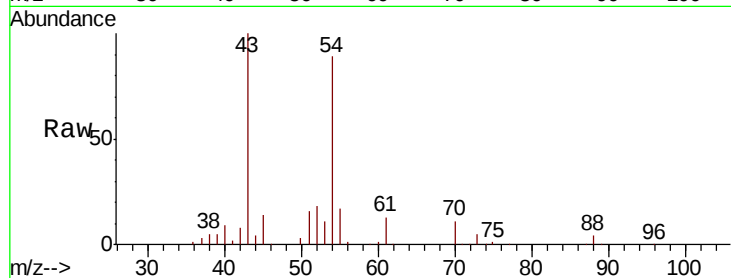




#37
Ethyl Acetate
Concen: 52.130 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW015790.D
Acq: 07 Jul 2020 12:17

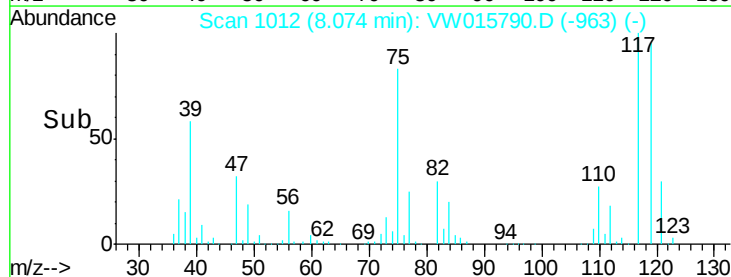
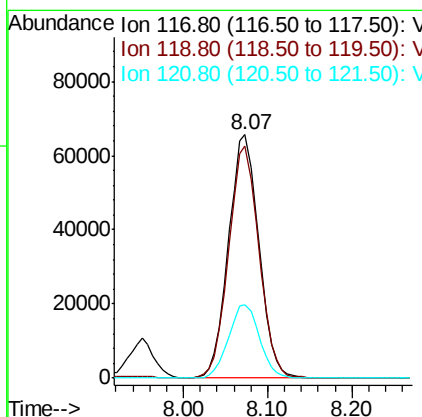
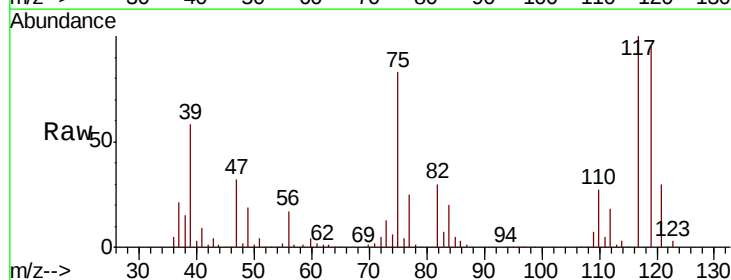
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

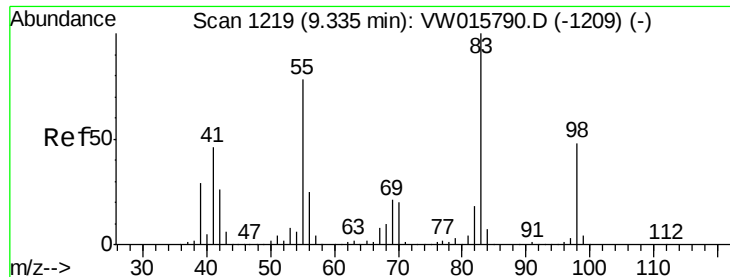
Tot Ion: 43 Resp: 64567
Ion Ratio Lower Upper
43 100
61 13.0 10.4 15.6
70 10.5 8.4 12.6



#38
Carbon Tetrachloride
Concen: 50.370 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW015790.D
Acq: 07 Jul 2020 12:17

Tgt Ion: 117 Resp: 159236
Ion Ratio Lower Upper
117 100
119 95.4 76.3 114.5
121 30.0 24.0 36.0

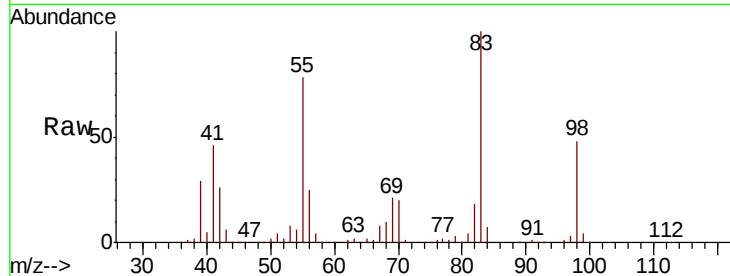




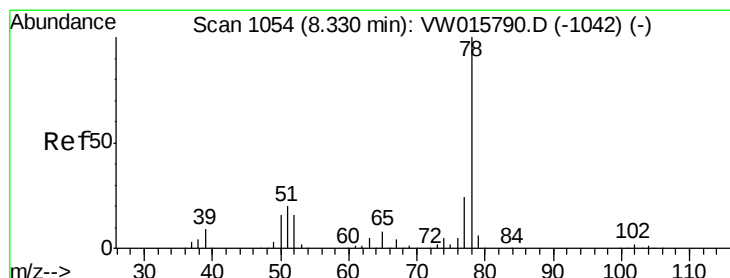
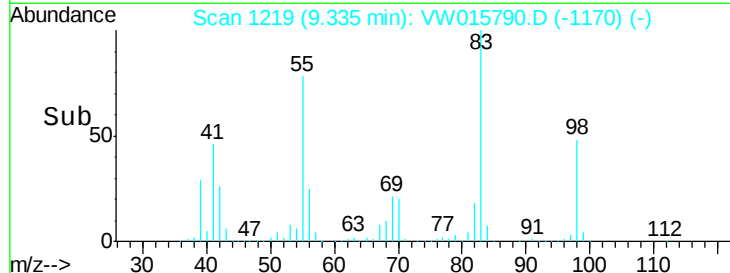
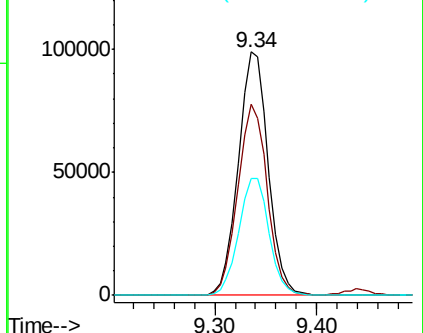
#39
Methvlcvclohexane
Concen: 51.809 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015790.D
Acq: 07 Jul 2020 12:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 83 Resp: 201566
Ion Ratio Lower Upper
83 100
55 78.3 62.6 94.0
98 48.3 38.6 58.0

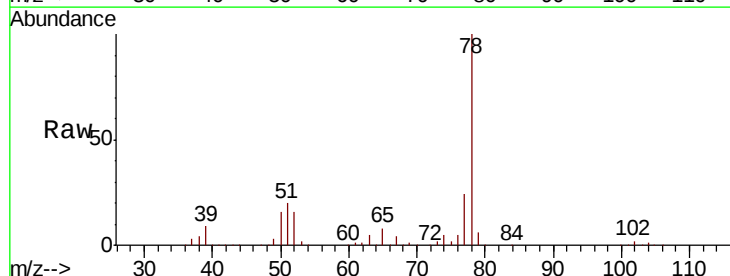


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

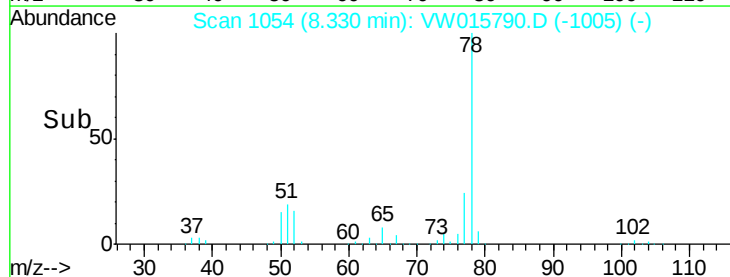
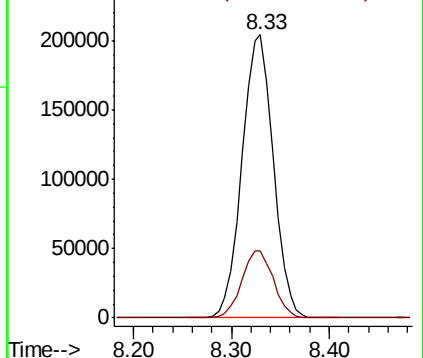


#40
Benzene
Concen: 50.292 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW015790.D
Acq: 07 Jul 2020 12:17

Tgt Ion: 78 Resp: 452033
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6



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

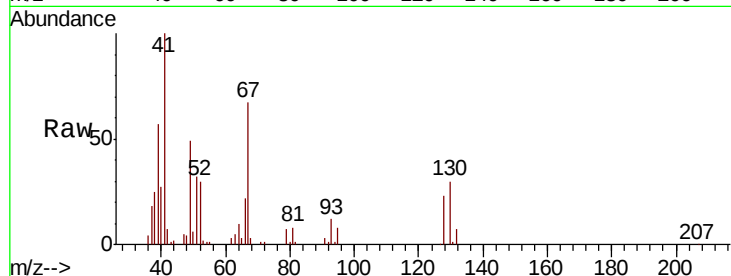




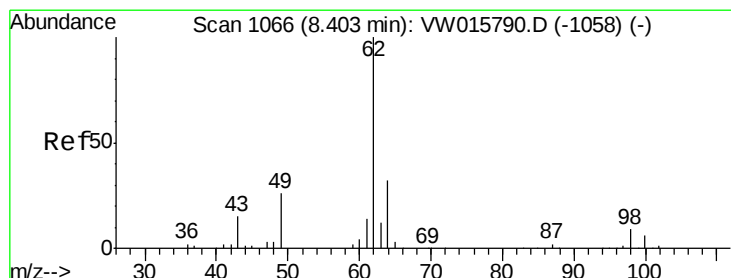
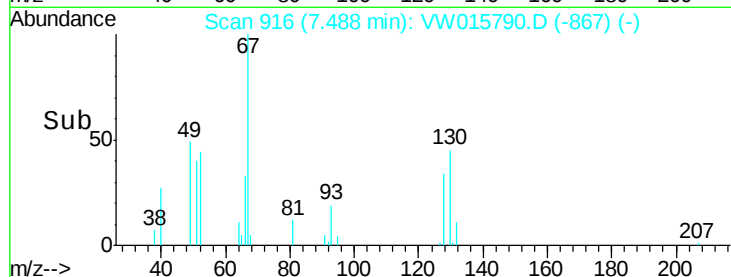
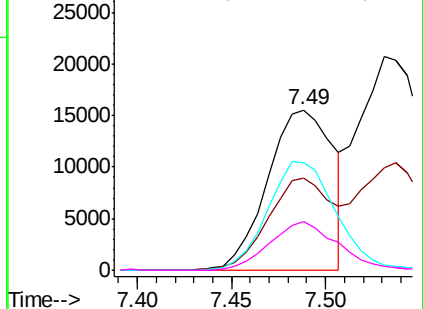
#41
Methacrylonitrile
Concen: 52.362 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW015790.D
Acq: 07 Jul 2020 12:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion:	41	Resp:	37449
Ion	Ratio	Lower	Upper
41	100		
39	55.7	44.6	66.8
67	70.5	56.4	84.6
52	31.8	25.4	38.2

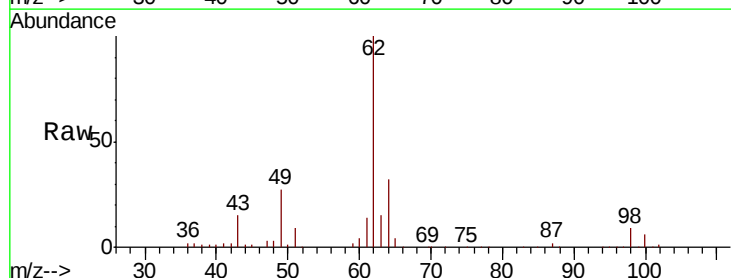


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

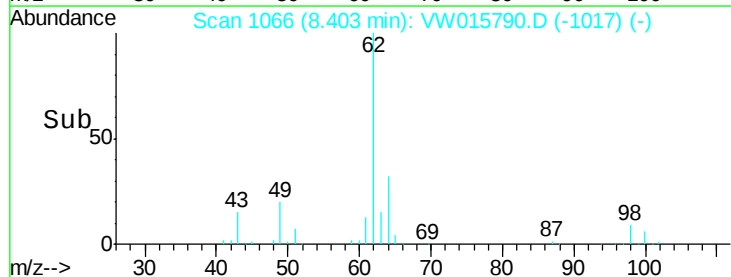
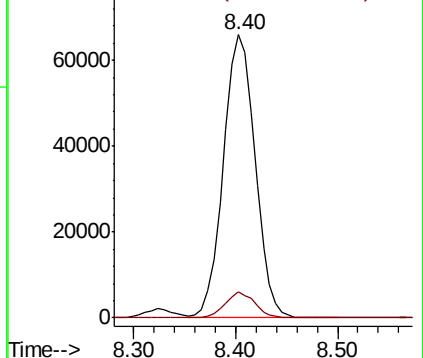


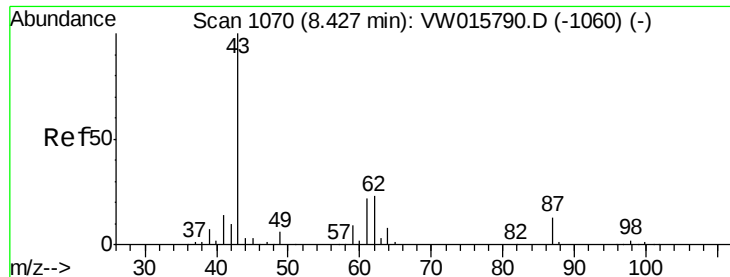
#42
1,2-Dichloroethane
Concen: 51.206 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015790.D
Acq: 07 Jul 2020 12:17

Tgt Ion:	62	Resp:	142559
Ion	Ratio	Lower	Upper
62	100		
98	8.6	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: 52.235 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW015790.D

Acq: 07 Jul 2020 12:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

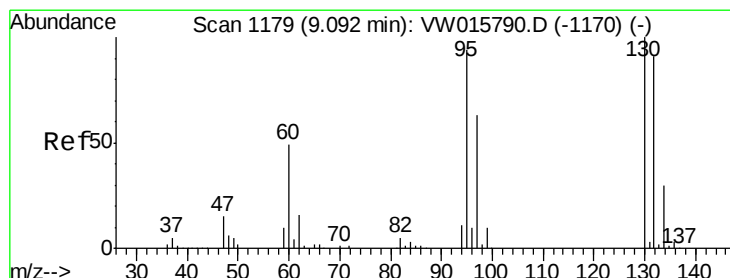
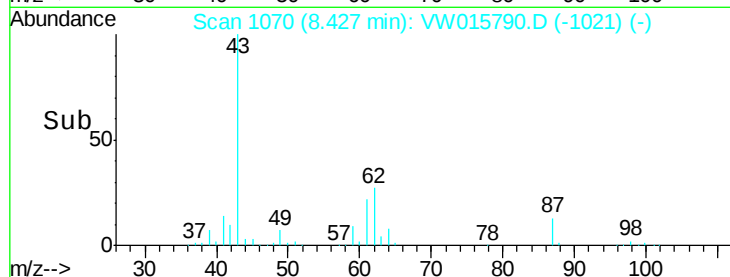
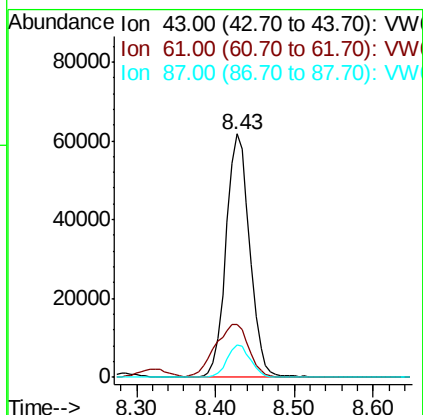
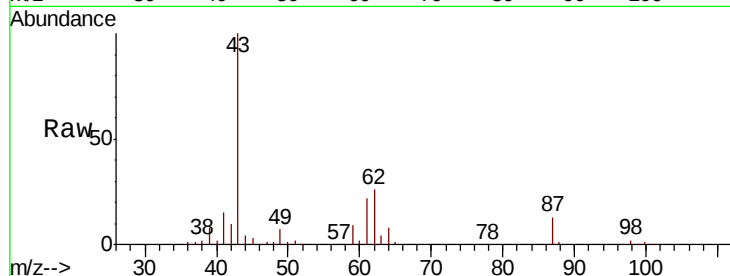
Tot Ion: 43 Resp: 128718

Ion Ratio Lower Upper

43 100

61 31.0 24.8 37.2

87 13.0 10.4 15.6



#44

Trichloroethene

Concen: 50.458 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW015790.D

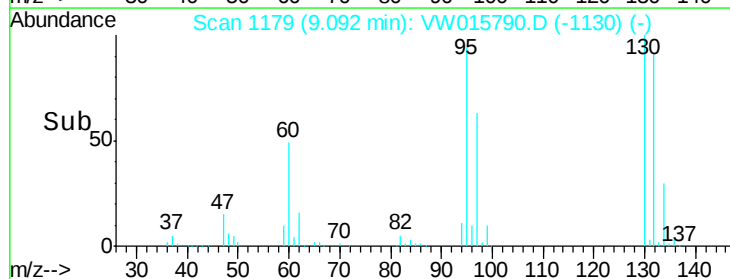
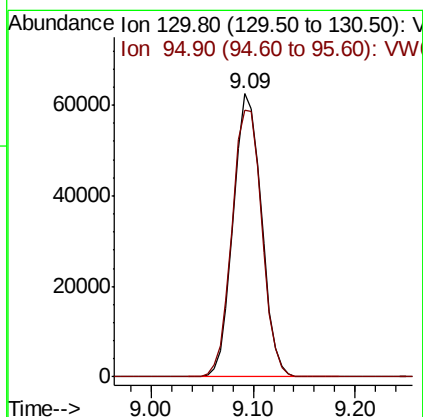
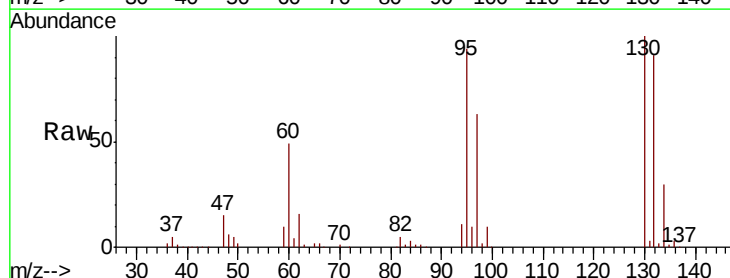
Acq: 07 Jul 2020 12:17

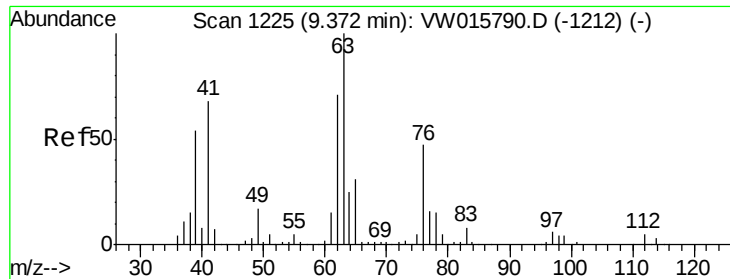
Tgt Ion: 130 Resp: 119959

Ion Ratio Lower Upper

130 100

95 94.3 0.0 188.6

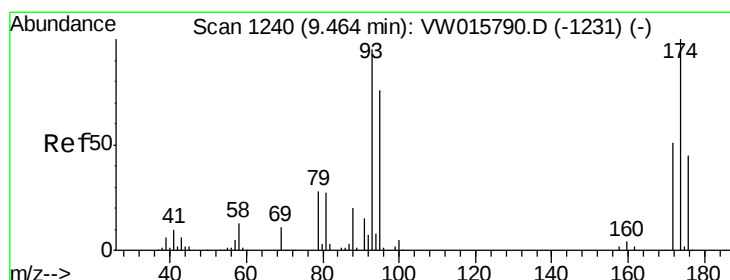
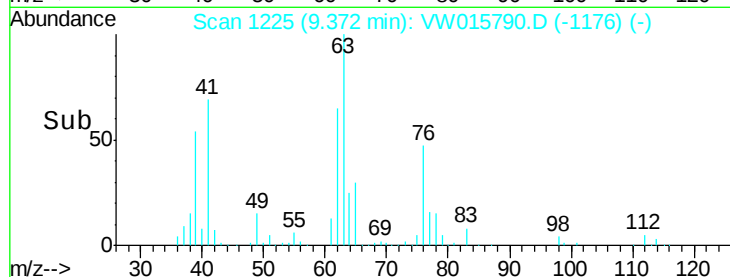
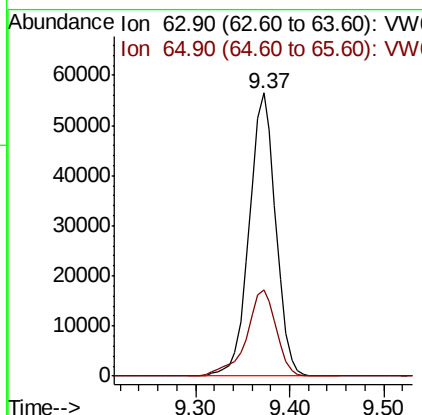
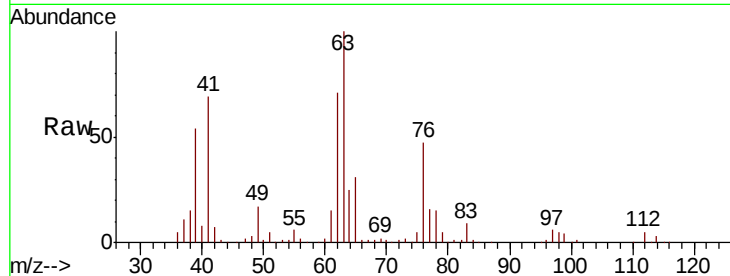




#45
 1,2-Dichloropropane
 Concen: 50.652 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW015790.D
 Acq: 07 Jul 2020 12:17

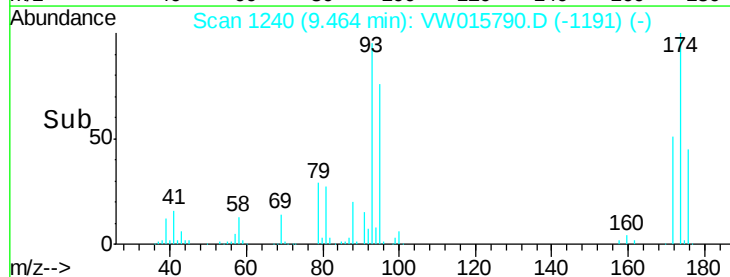
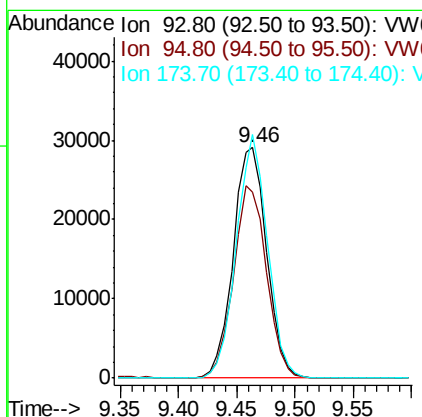
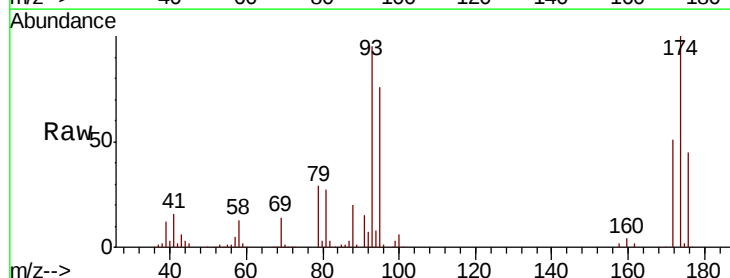
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion: 63 Resp: 111594
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.5 36.7



#46
 Dibromomethane
 Concen: 51.242 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW015790.D
 Acq: 07 Jul 2020 12:17

Tgt Ion: 93 Resp: 58230
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.0 99.0
 174 98.4 78.7 118.1





#47

Bromodichloromethane

Concen: 51.315 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW015790.D

Acq: 07 Jul 2020 12:17

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

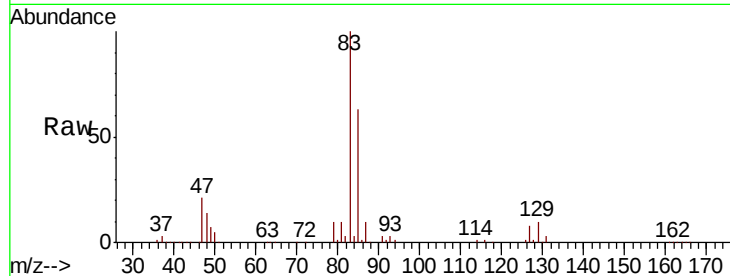
Tot Ion: 83 Resp: 151253

Ion Ratio Lower Upper

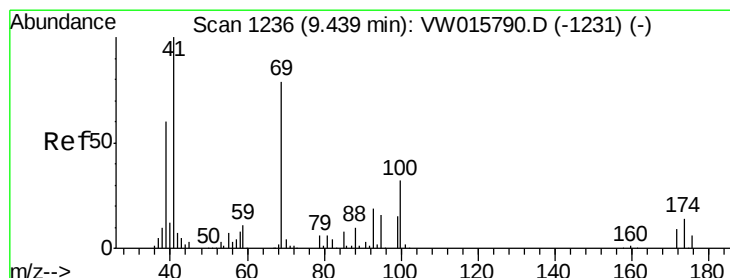
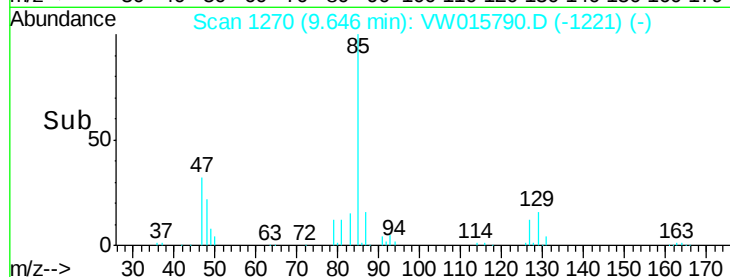
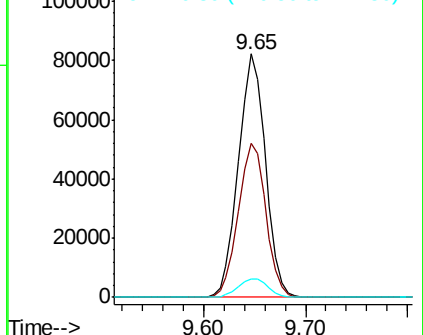
83 100

85 63.3 50.6 76.0

127 7.7 6.2 9.2



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



#48

Methyl methacrylate

Concen: 53.322 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW015790.D

Acq: 07 Jul 2020 12:17

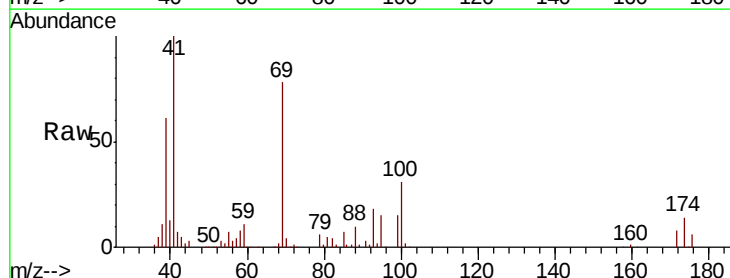
Tgt Ion: 41 Resp: 62012

Ion Ratio Lower Upper

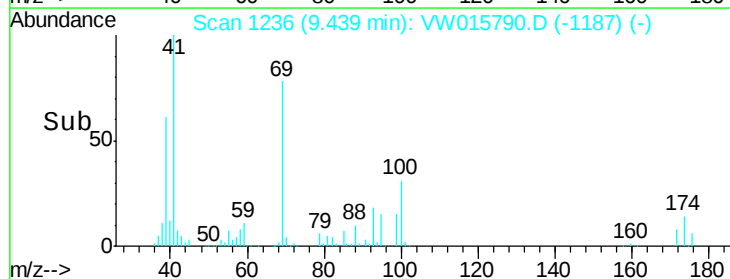
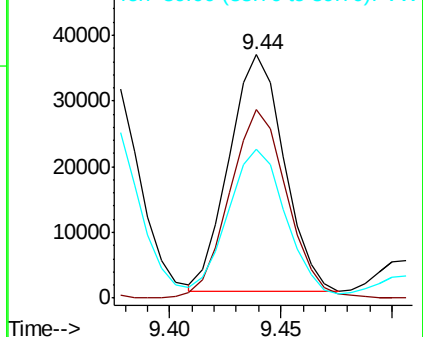
41 100

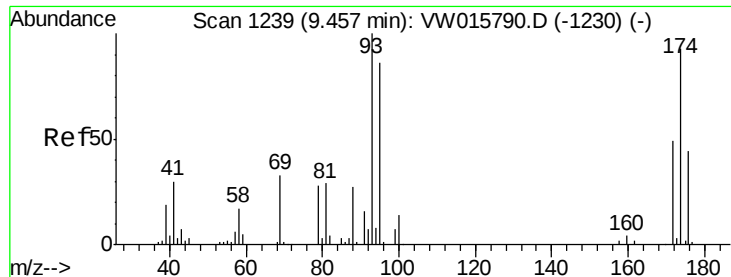
69 83.9 67.1 100.7

39 62.4 49.9 74.9



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

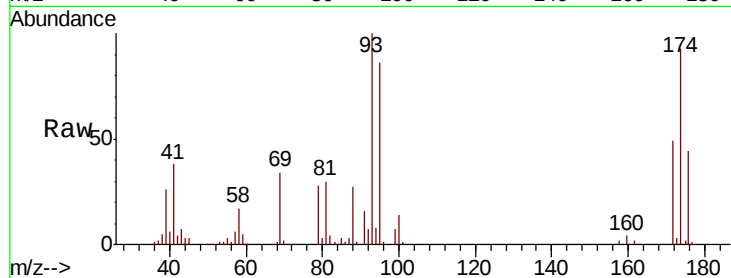




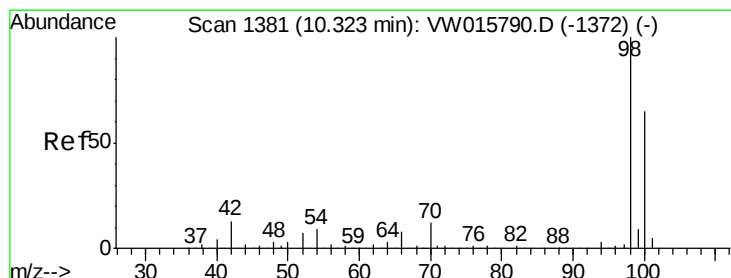
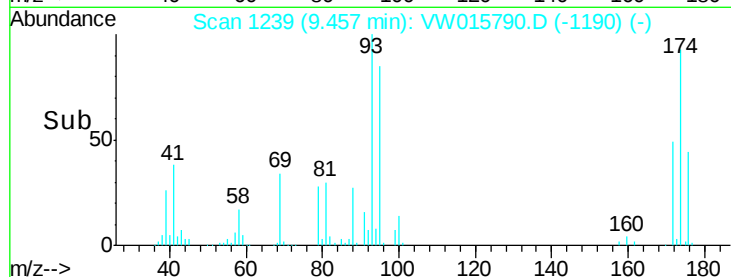
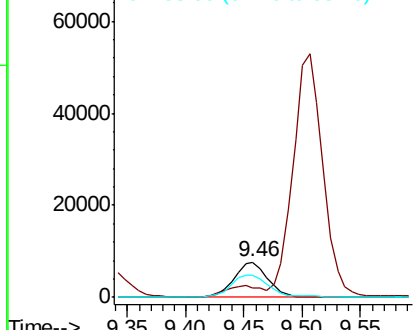
#49
1,4-Dioxane
Concen: 1070.898 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.00 min
Lab File: VW015790.D
Acq: 07 Jul 2020 12:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	88	Resp	15427
Ion	Ratio	Lower	Upper
88	100		
43	35.1	28.1	42.1
58	74.1	59.3	88.9

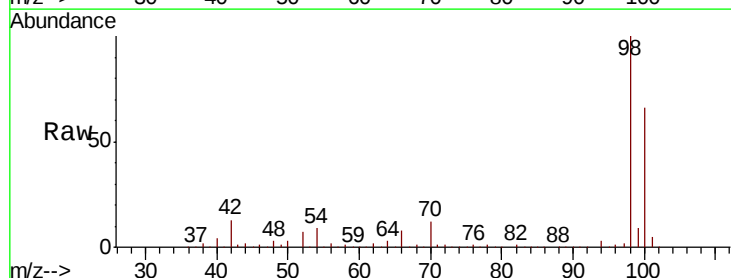


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

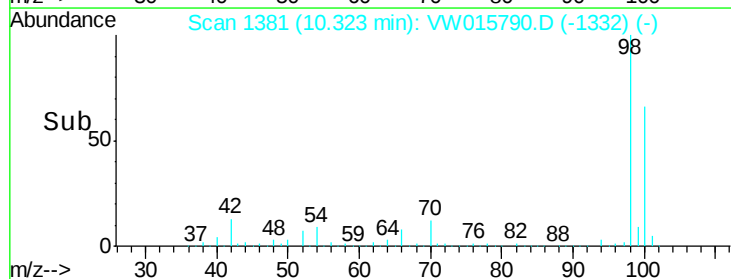
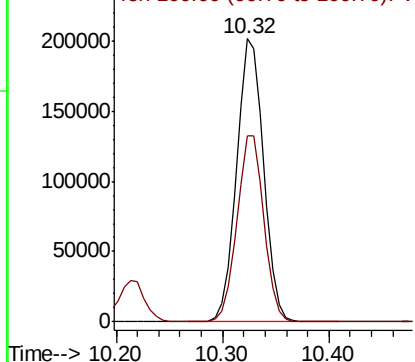


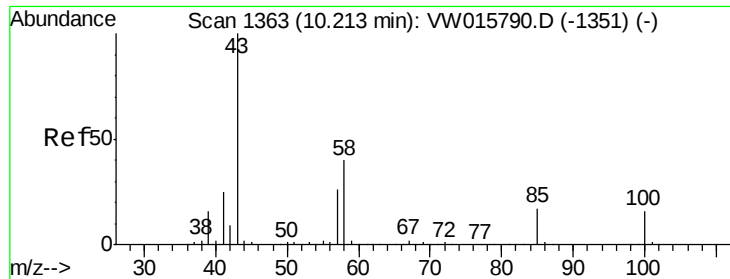
#50
Toluene-d8
Concen: 47.668 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015790.D
Acq: 07 Jul 2020 12:17

Tgt Ion	98	Resp	357977
Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.6	79.0



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

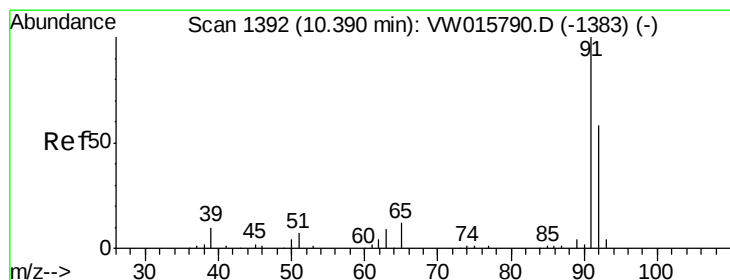
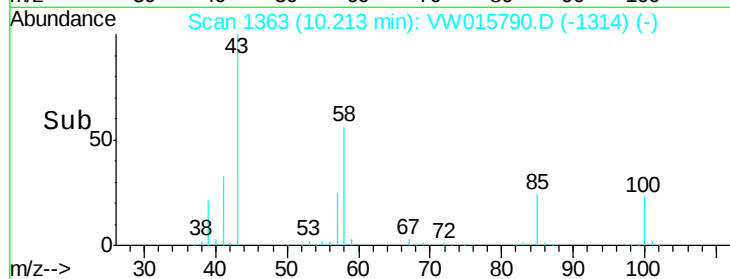
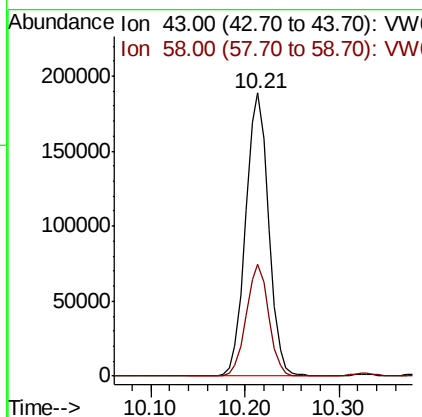
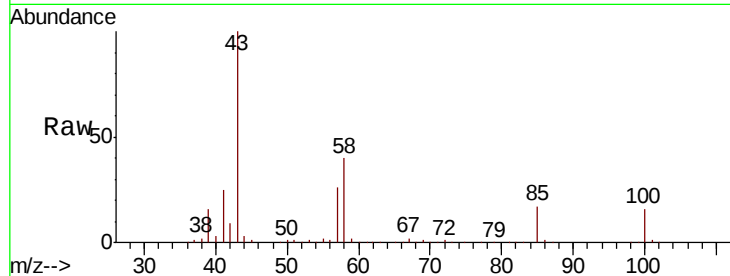




#51
4-Methyl-2-Pentanone
Concen: 267.826 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW015790.D
Acq: 07 Jul 2020 12:17

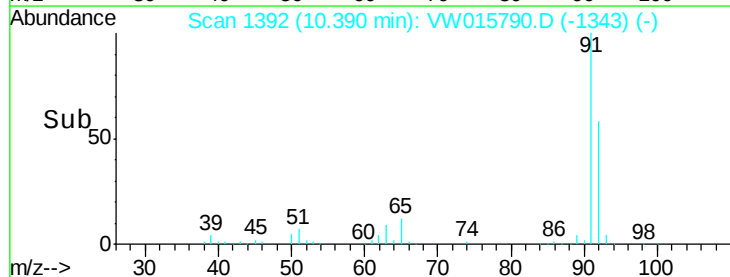
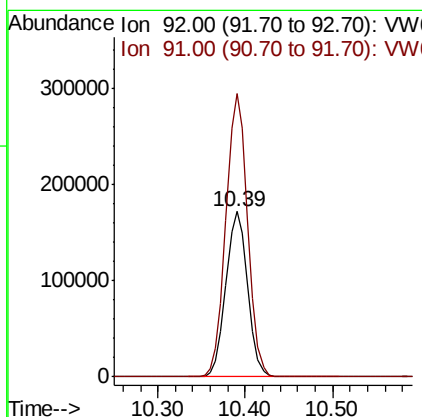
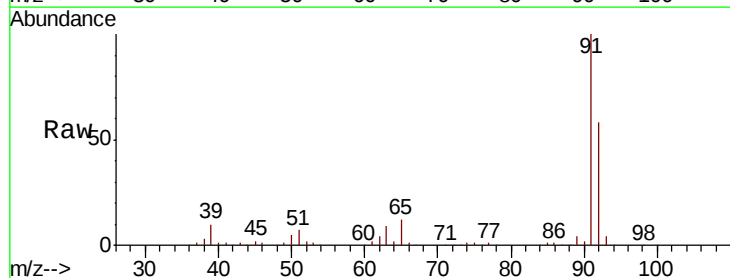
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 322768
Ion Ratio Lower Upper
43 100
58 38.6 30.9 46.3



#52
Toluene
Concen: 51.370 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW015790.D
Acq: 07 Jul 2020 12:17

Tgt Ion: 92 Resp: 295029
Ion Ratio Lower Upper
92 100
91 171.4 137.1 205.7

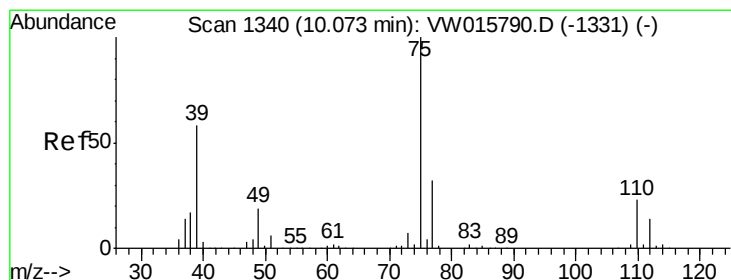
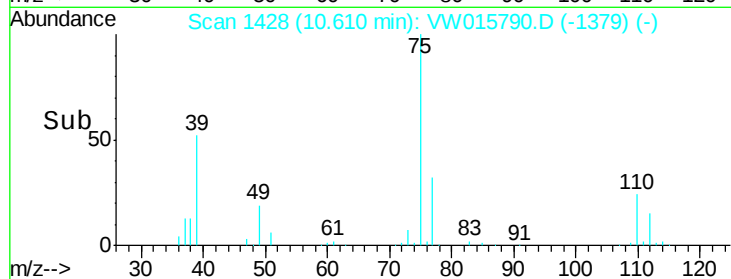
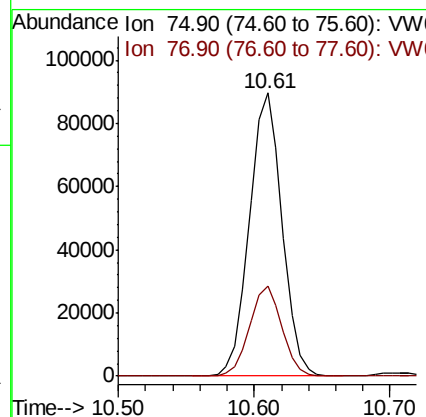
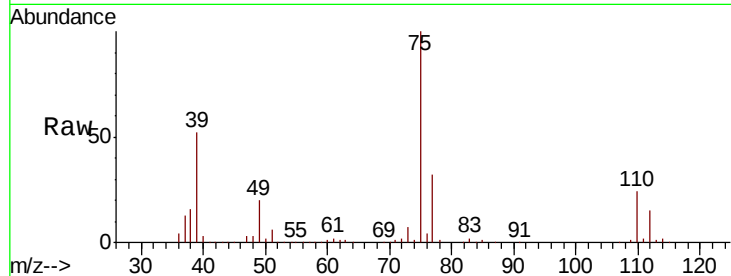




#53
 t-1,3-Dichloropropene
 Concen: 53.412 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW015790.D
 Acq: 07 Jul 2020 12:17

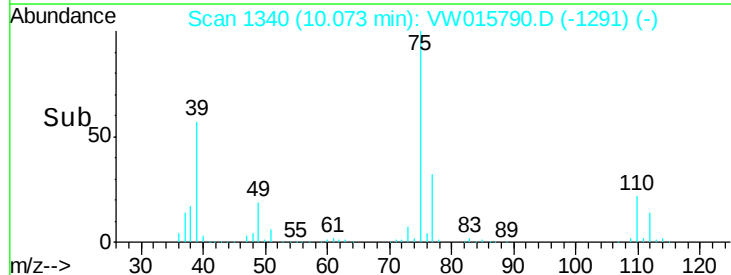
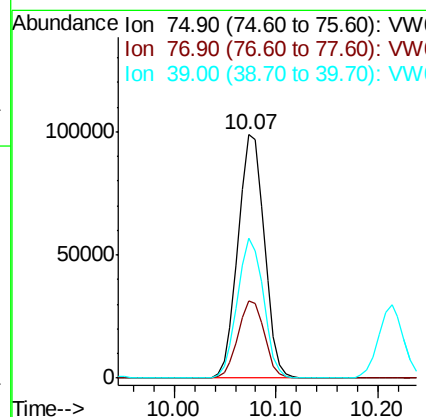
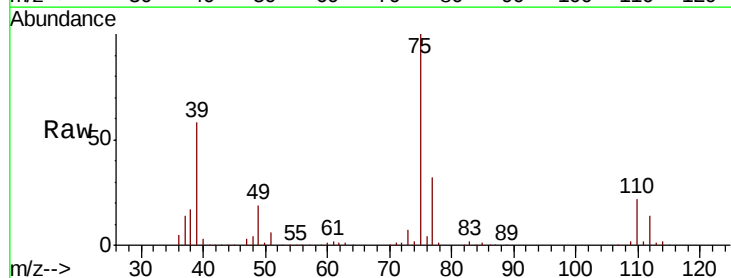
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

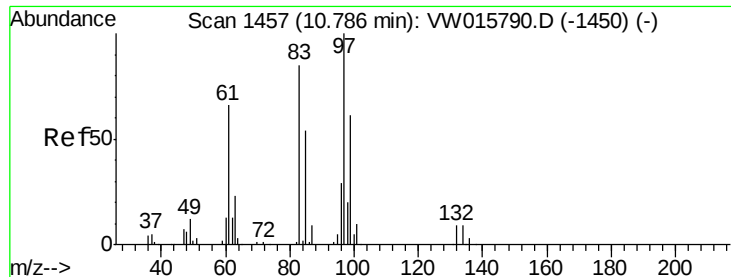
Tot Ion: 75 Resp: 150690
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 52.469 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW015790.D
 Acq: 07 Jul 2020 12:17

Tgt Ion: 75 Resp: 177029
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.2 37.8
 39 57.5 46.0 69.0

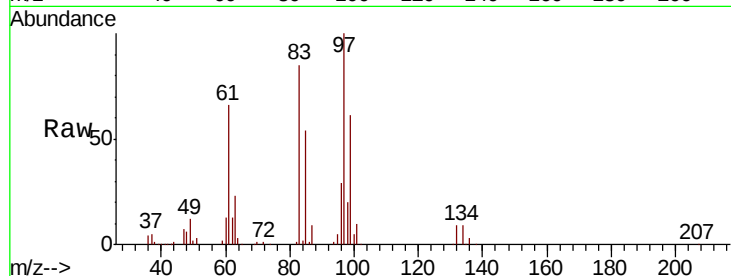




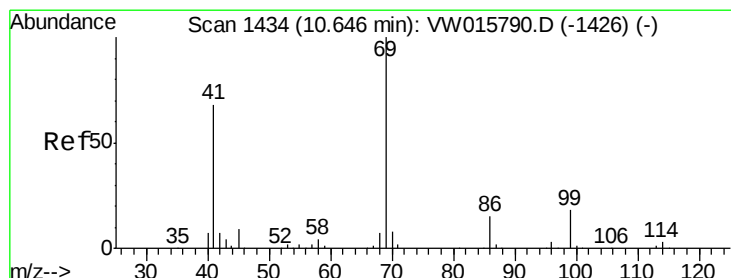
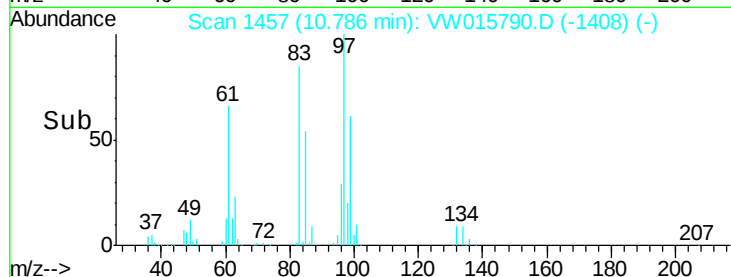
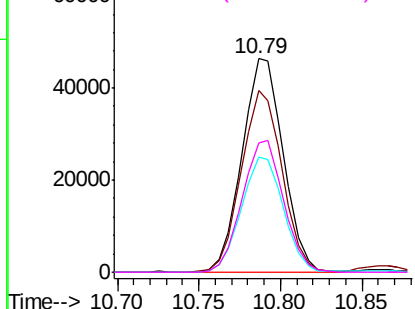
#55
 1,1,2-Trichloroethane
 Concen: 51.458 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015790.D
 Acq: 07 Jul 2020 12:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion: 97 Resp: 81321
 Ion Ratio Lower Upper
 97 100
 83 85.3 68.2 102.4
 85 54.2 43.4 65.0
 99 60.7 48.6 72.8

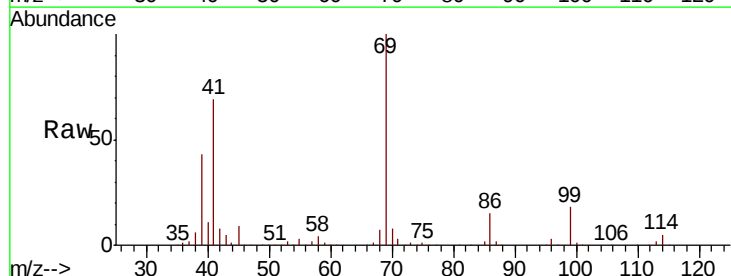


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

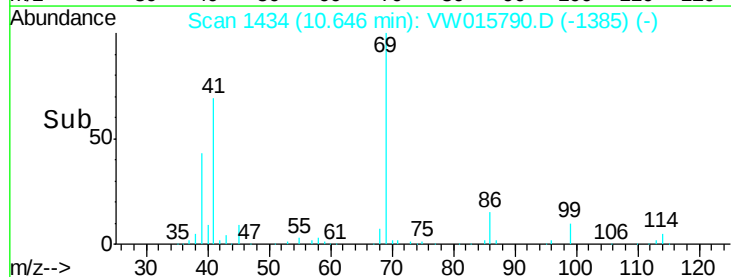
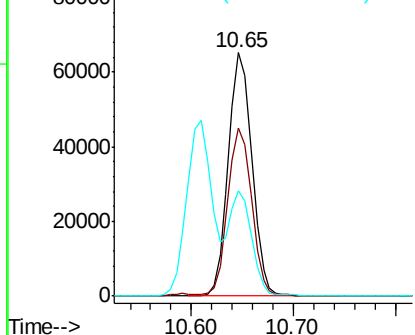


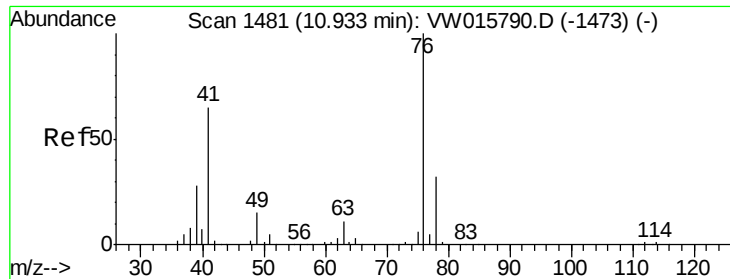
#56
 Ethyl methacrylate
 Concen: 54.323 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015790.D
 Acq: 07 Jul 2020 12:17

Tgt Ion: 69 Resp: 105062
 Ion Ratio Lower Upper
 69 100
 41 68.8 55.0 82.6
 39 42.3 33.8 50.8



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

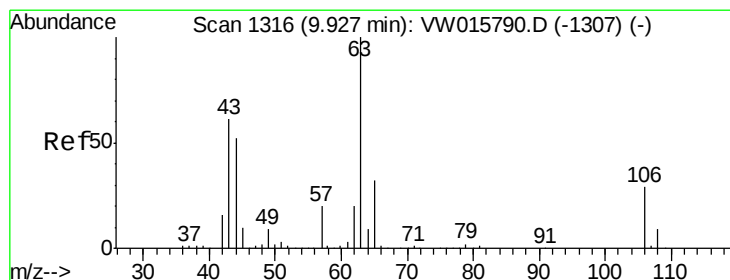
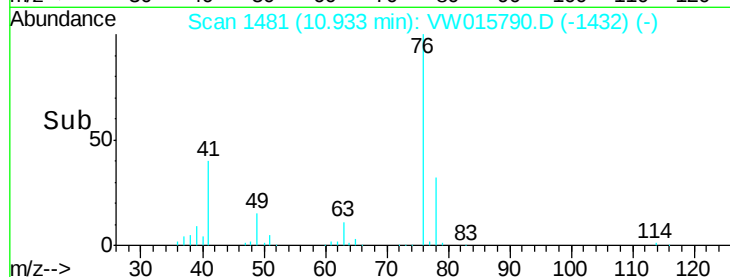
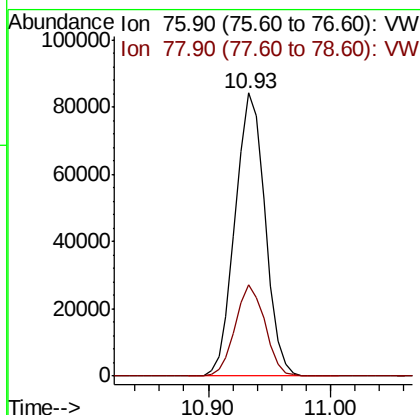
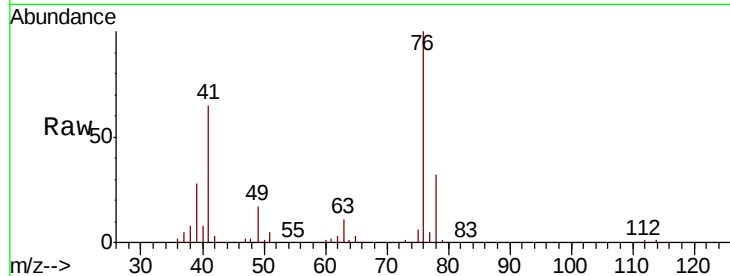




#57
 1,3-Dichloropropane
 Concen: 51.330 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015790.D
 Acq: 07 Jul 2020 12:17

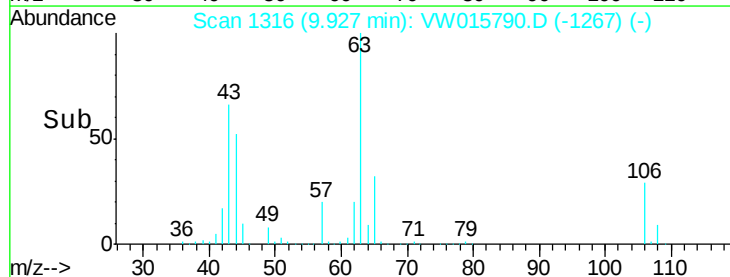
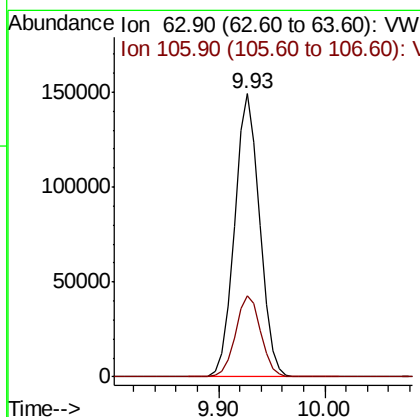
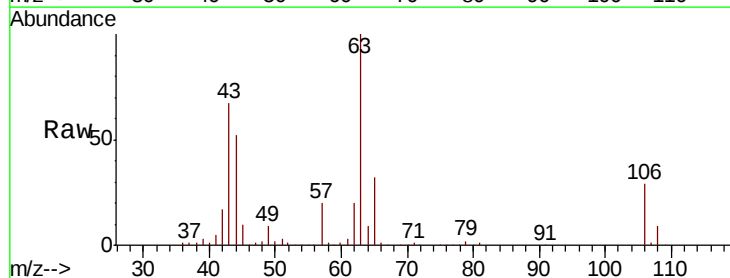
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

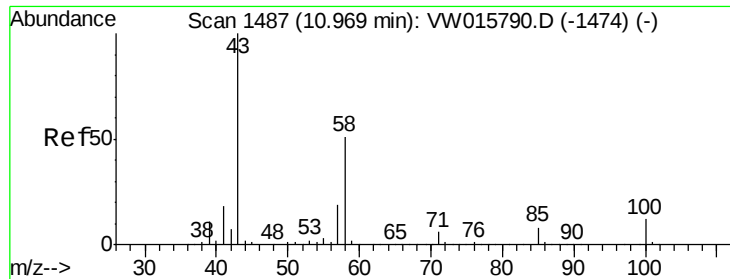
Tot Ion: 76 Resp: 142909
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 265.471 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW015790.D
 Acq: 07 Jul 2020 12:17

Tgt Ion: 63 Resp: 246441
 Ion Ratio Lower Upper
 63 100
 106 28.9 23.1 34.7

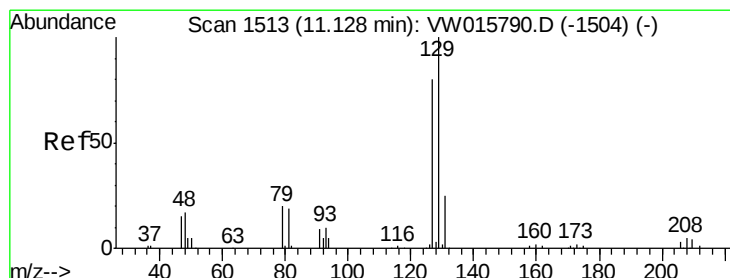
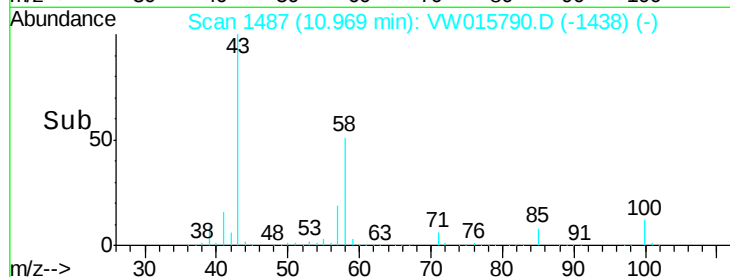
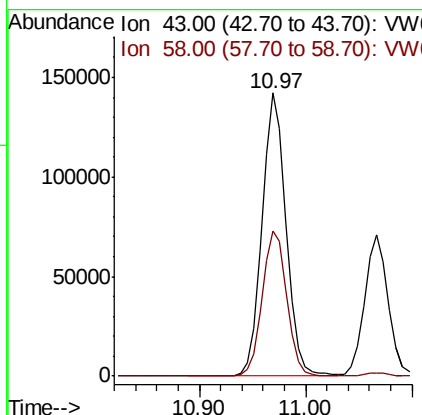
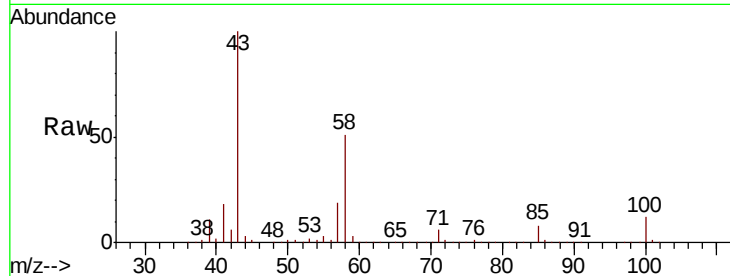




#59
2-Hexanone
Concen: 278.391 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015790.D
Acq: 07 Jul 2020 12:17

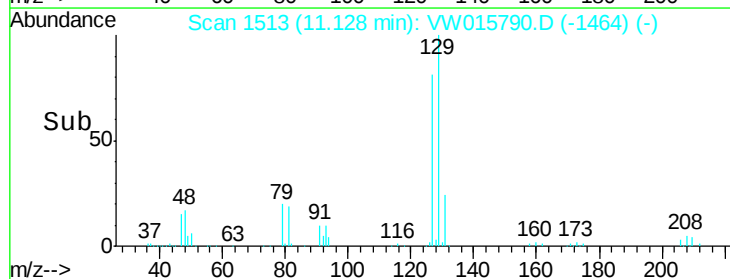
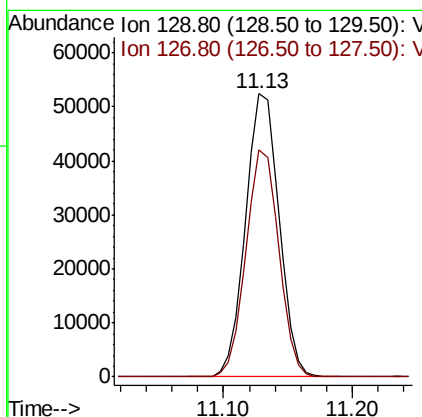
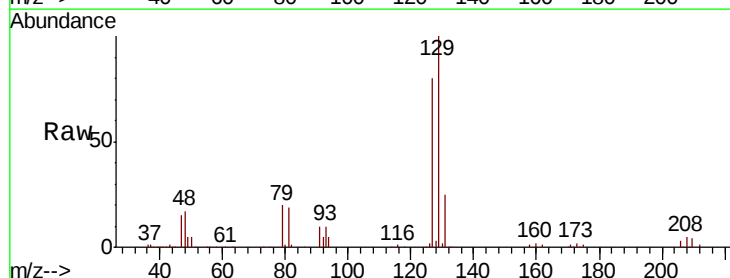
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

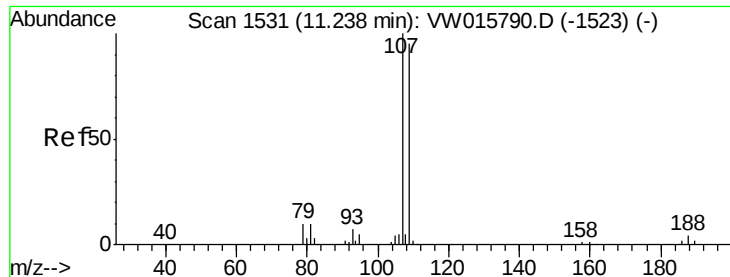
Tot Ion: 43 Resp: 224675
Ion Ratio Lower Upper
43 100
58 52.3 26.2 78.5



#60
Dibromochloromethane
Concen: 51.501 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW015790.D
Acq: 07 Jul 2020 12:17

Tgt Ion:129 Resp: 94162
Ion Ratio Lower Upper
129 100
127 78.7 39.4 118.1

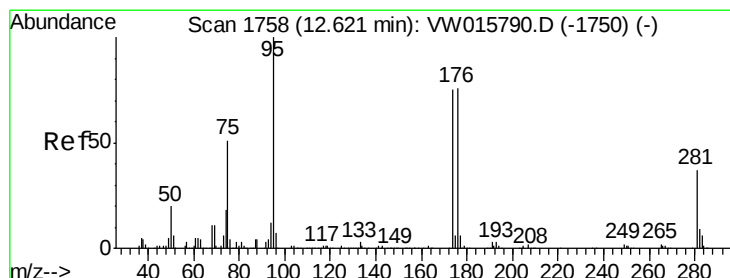
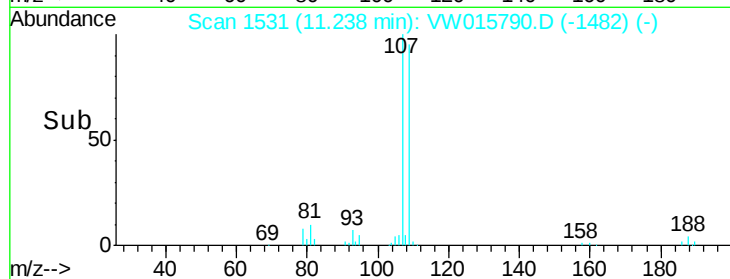
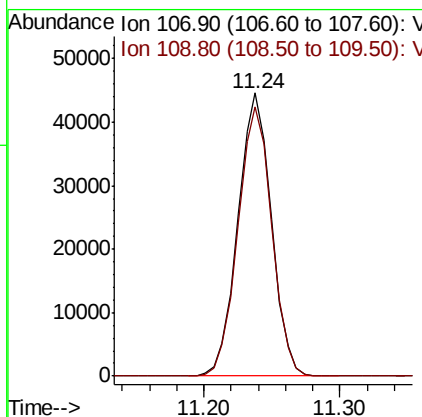
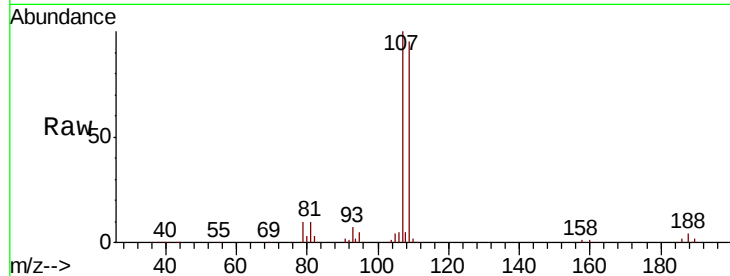




#61
 1,2-Dibromoethane
 Concen: 50.931 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW015790.D
 Acq: 07 Jul 2020 12:17

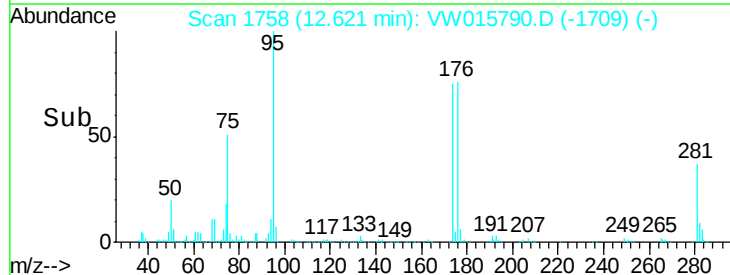
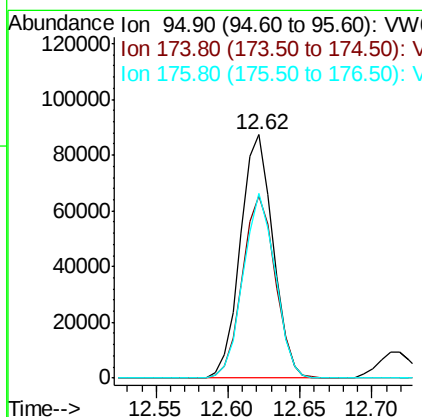
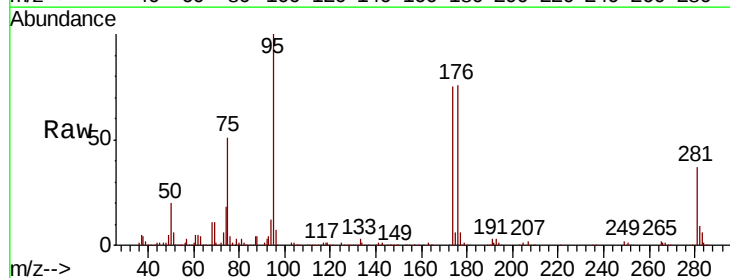
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion:107 Resp: 76366
 Ion Ratio Lower Upper
 107 100
 109 96.3 77.0 115.6



#62
 4-Bromofluorobenzene
 Concen: 49.934 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW015790.D
 Acq: 07 Jul 2020 12:17

Tgt Ion: 95 Resp: 137632
 Ion Ratio Lower Upper
 95 100
 174 75.1 0.0 150.2
 176 74.2 0.0 148.4

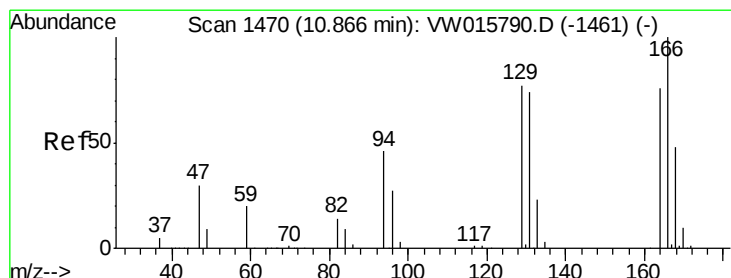
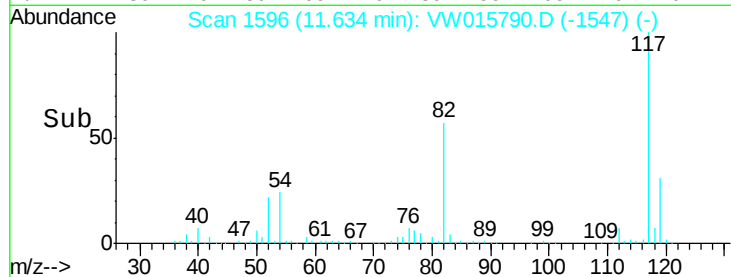
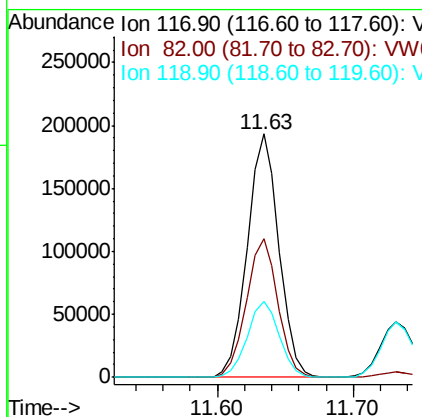
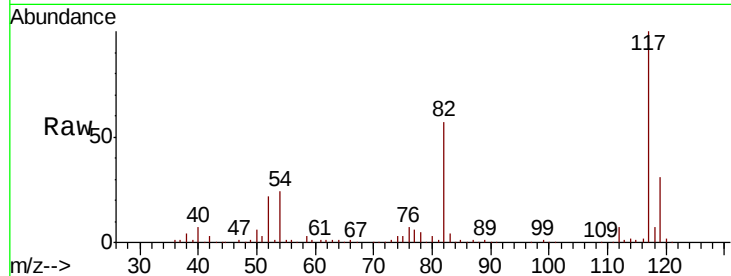




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015790.D
Acq: 07 Jul 2020 12:17

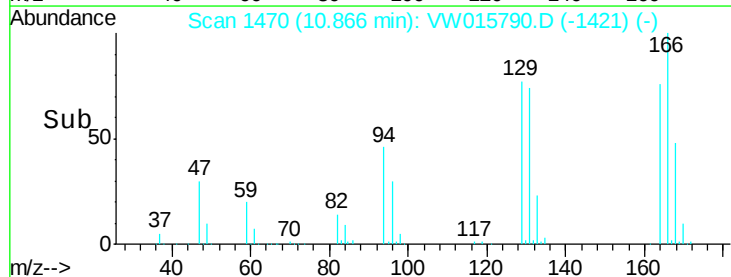
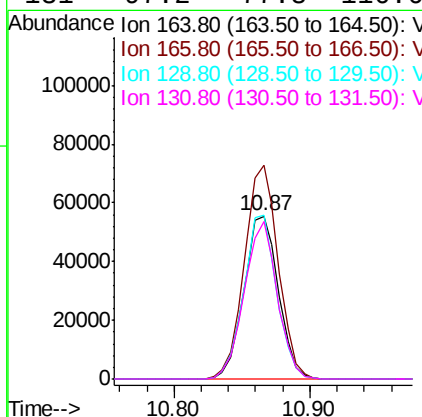
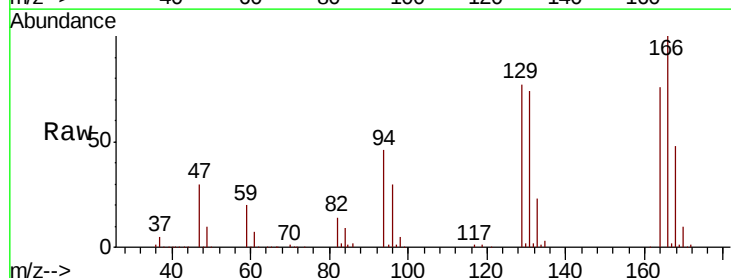
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

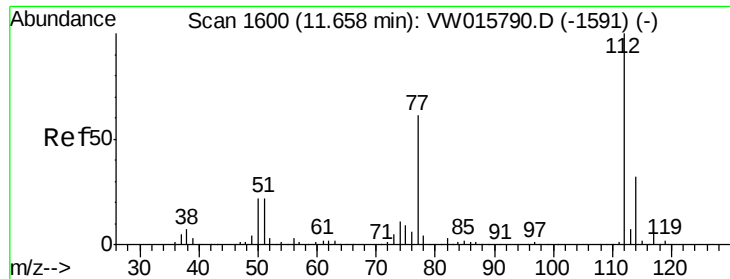
Tot Ion:117 Resp: 314002
Ion Ratio Lower Upper
117 100
82 56.9 45.5 68.3
119 31.3 25.0 37.6



#64
Tetrachloroethene
Concen: 49.259 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015790.D
Acq: 07 Jul 2020 12:17

Tgt Ion:164 Resp: 97965
Ion Ratio Lower Upper
164 100
166 131.4 105.1 157.7
129 100.8 80.6 121.0
131 97.2 77.8 116.6

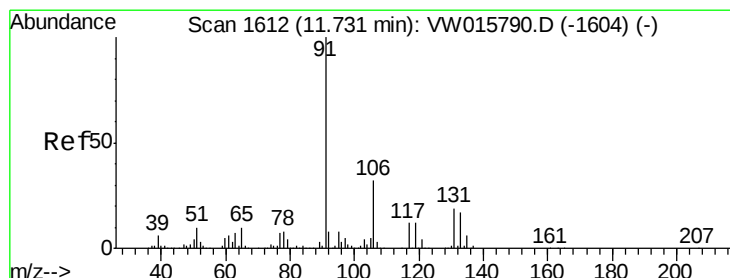
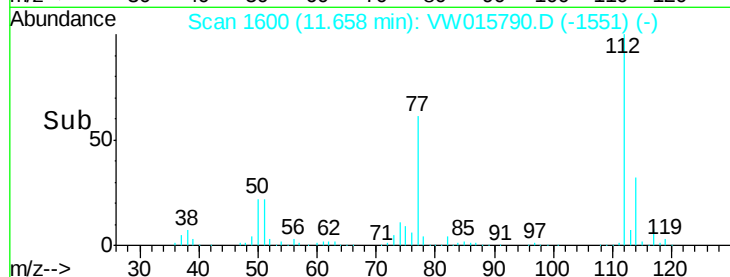
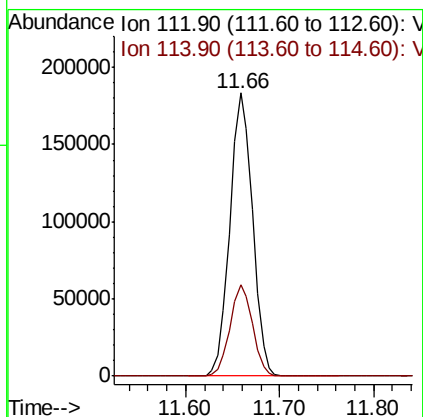
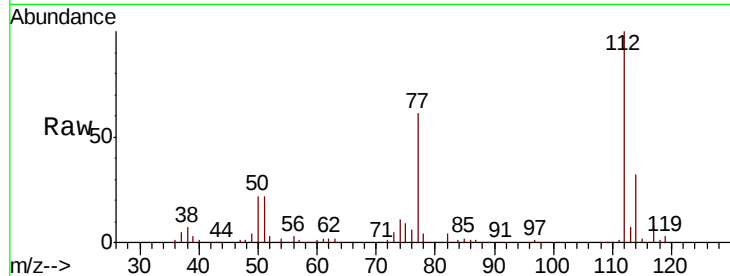




#65
Chlorobenzene
Concen: 49.670 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015790.D
Acq: 07 Jul 2020 12:17

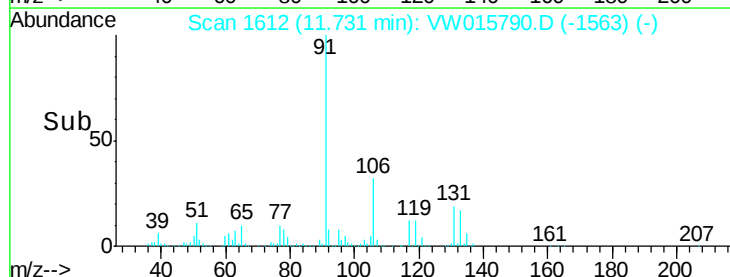
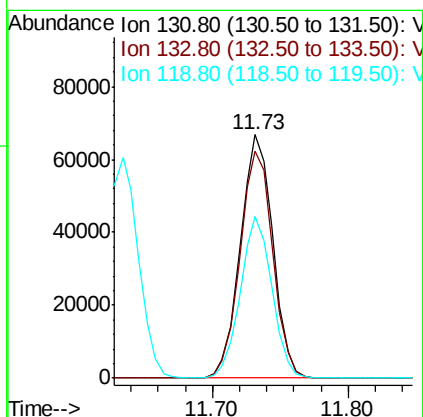
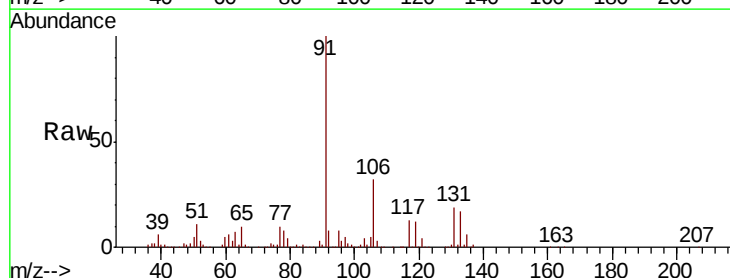
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

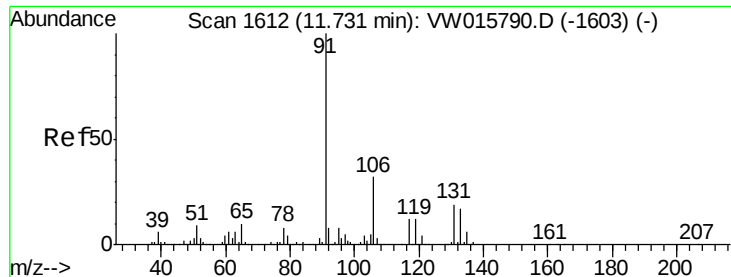
Tot Ion:112 Resp: 306091
Ion Ratio Lower Upper
112 100
114 32.4 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 51.094 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015790.D
Acq: 07 Jul 2020 12:17

Tgt Ion:131 Resp: 111272
Ion Ratio Lower Upper
131 100
133 94.1 47.0 141.2
119 64.5 32.3 96.8

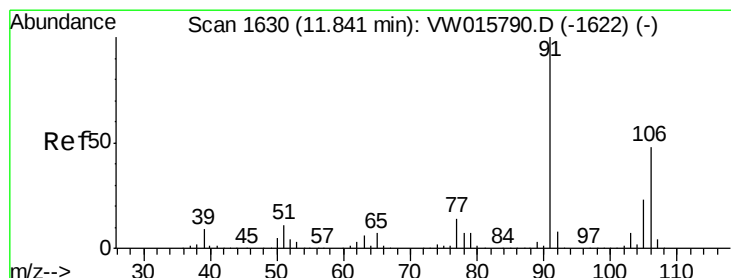
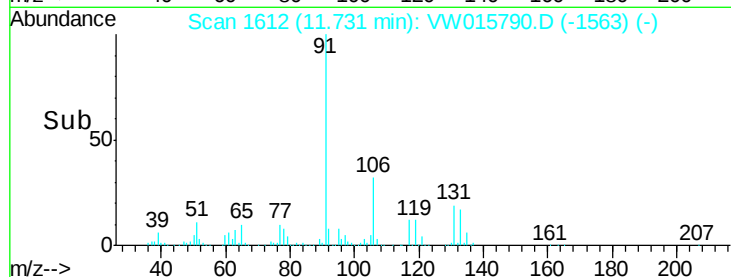
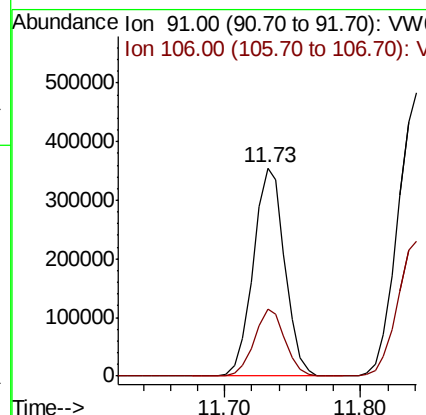
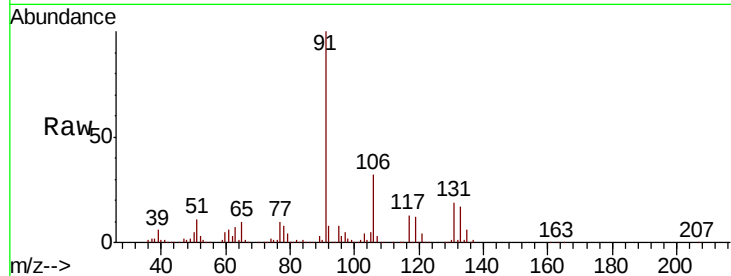




#67
Ethyl Benzene
Concen: 50.636 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015790.D
Acq: 07 Jul 2020 12:17

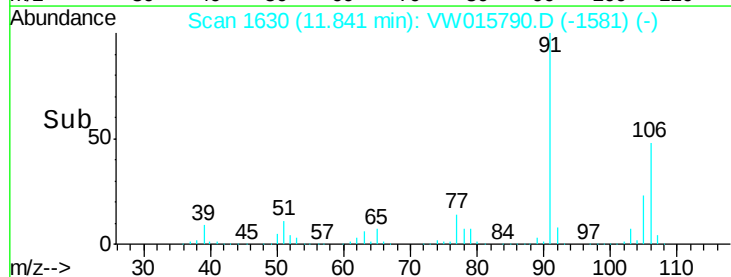
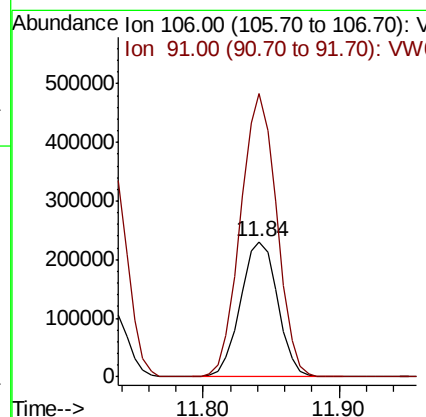
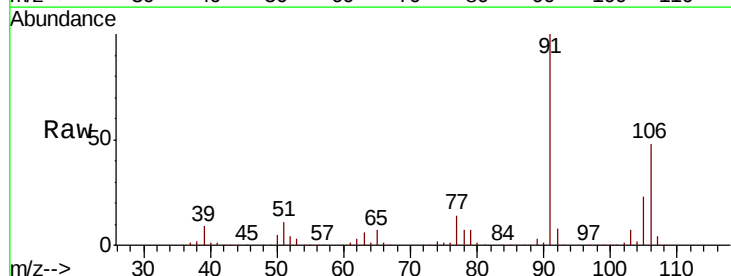
Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

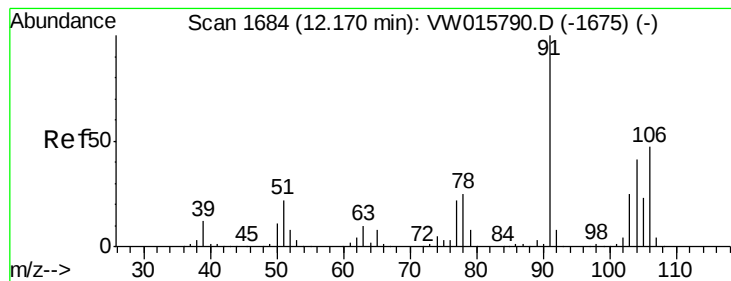
Tot Ion: 91 Resp: 577052
Ion Ratio Lower Upper
91 100
106 32.3 25.8 38.8



#68
m/p-Xylenes
Concen: 102.379 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015790.D
Acq: 07 Jul 2020 12:17

Tgt Ion: 106 Resp: 437820
Ion Ratio Lower Upper
106 100
91 205.1 164.1 246.1





#69

o-Xylene

Concen: 52.057 ug/l

RT: 12.17 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VW015790.D

Acq: 07 Jul 2020 12:17

Instrument :

MSVOA_W

ClientSampleId :

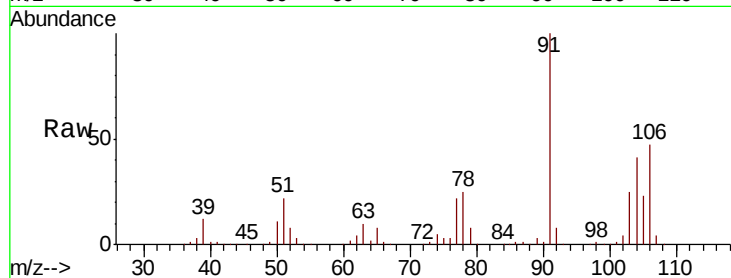
VSTDICCC050

Tot Ion:106 Resp: 202808

Ion Ratio Lower Upper

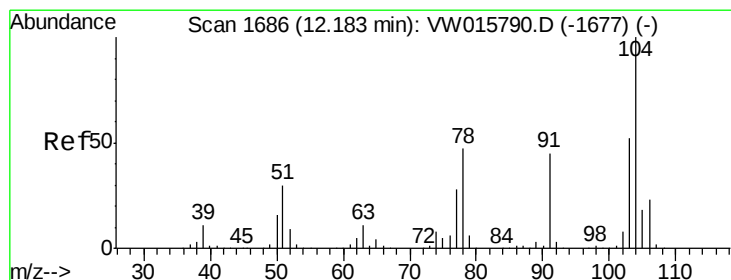
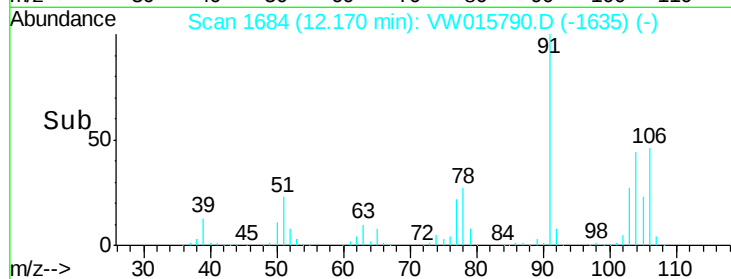
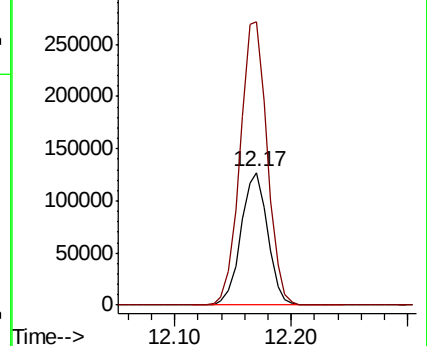
106 100

91 216.9 108.5 325.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#70

Styrene

Concen: 52.500 ug/l

RT: 12.18 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VW015790.D

Acq: 07 Jul 2020 12:17

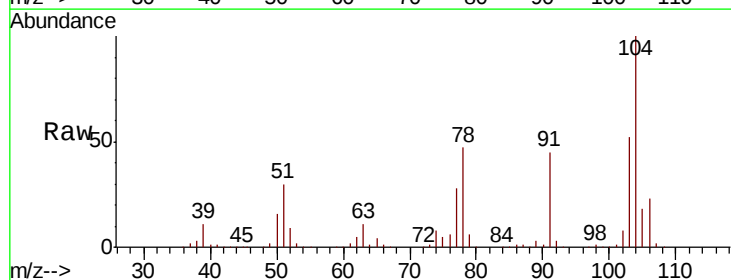
Tgt Ion:104 Resp: 352129

Ion Ratio Lower Upper

104 100

78 51.2 41.0 61.4

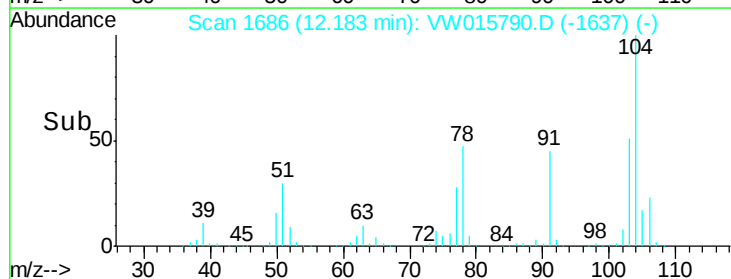
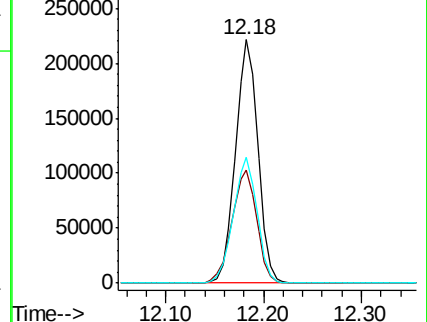
103 54.8 43.8 65.8

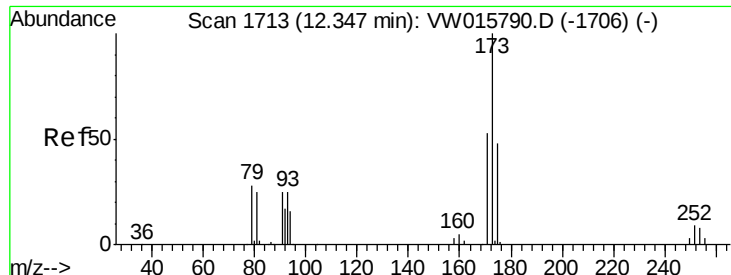


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 54.123 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW015790.D

Acq: 07 Jul 2020 12:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

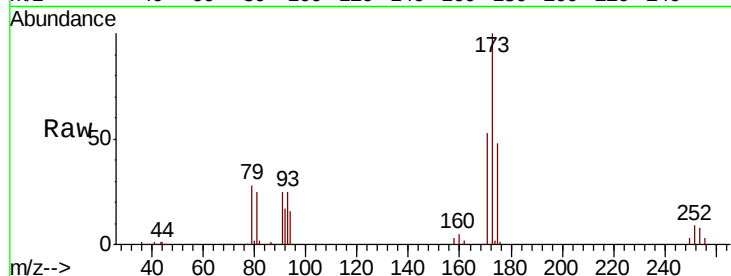
Tot Ion:173 Resp: 53660

Ion Ratio Lower Upper

173 100

175 47.0 23.5 70.5

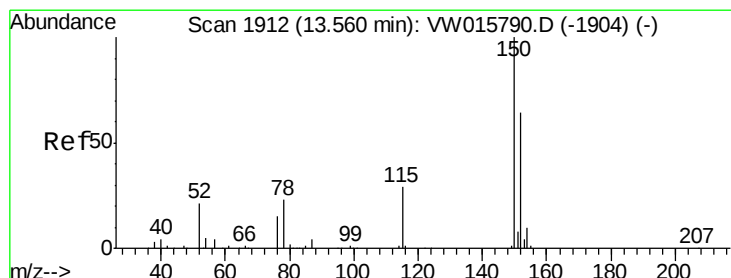
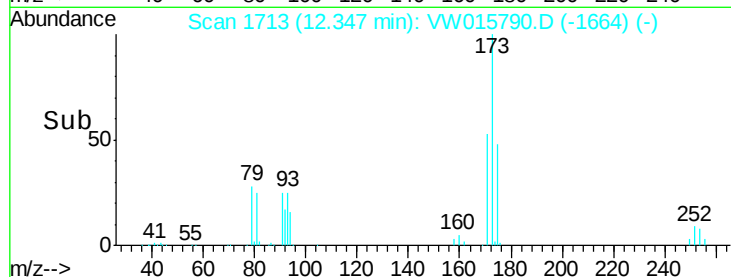
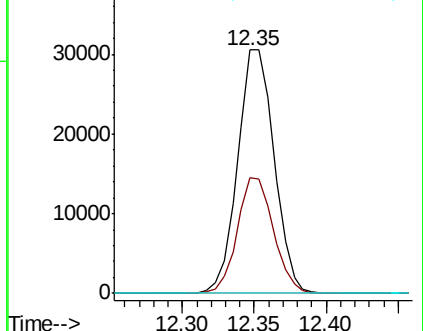
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015790.D

Acq: 07 Jul 2020 12:17

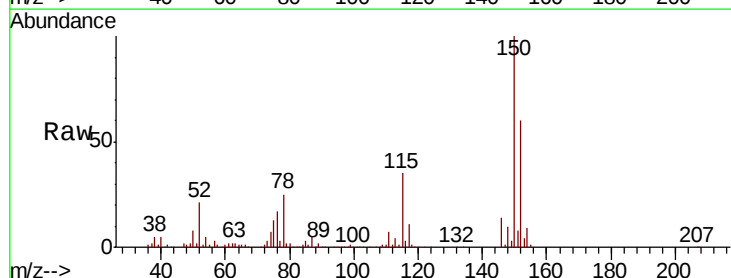
Tgt Ion:152 Resp: 158225

Ion Ratio Lower Upper

152 100

115 59.8 29.9 89.7

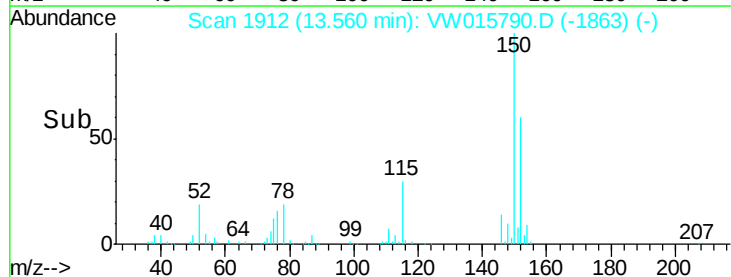
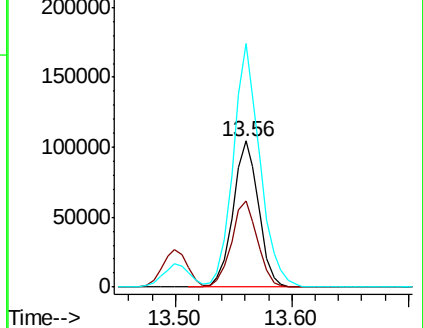
150 175.4 0.0 350.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.120 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW015790.D

Acq: 07 Jul 2020 12:17

Instrument :

MSVOA_W

ClientSampleId :

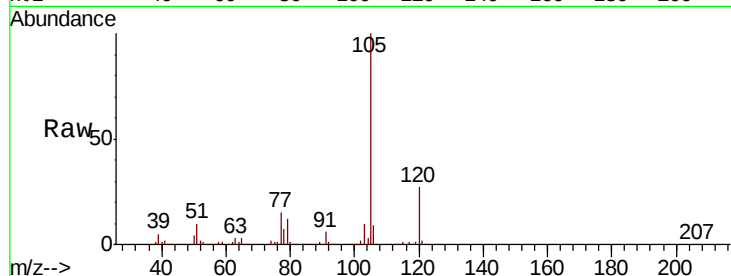
VSTDICCC050

Tot Ion: 105 Resp: 570397

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

400000

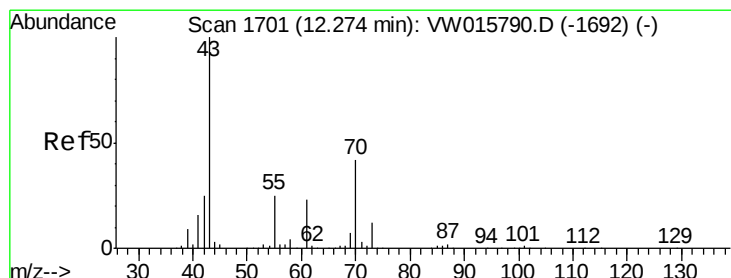
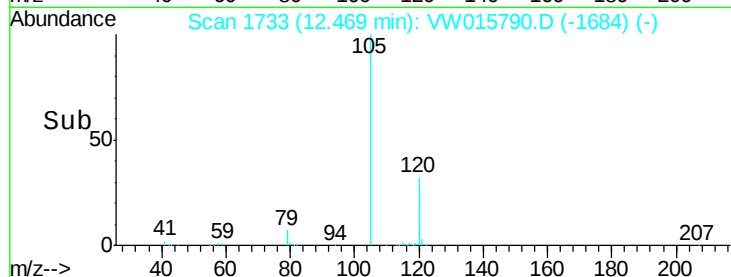
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 52.907 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW015790.D

Acq: 07 Jul 2020 12:17

Tgt Ion: 43 Resp: 125158

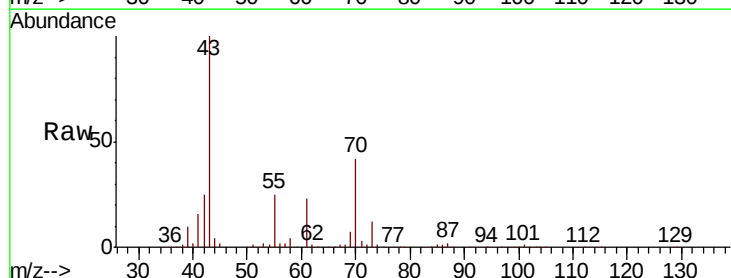
Ion Ratio Lower Upper

43 100

70 42.6 34.1 51.1

55 25.0 20.0 30.0

61 23.8 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

120000

100000

80000

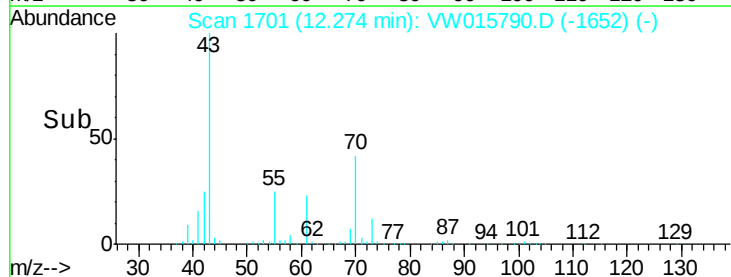
60000

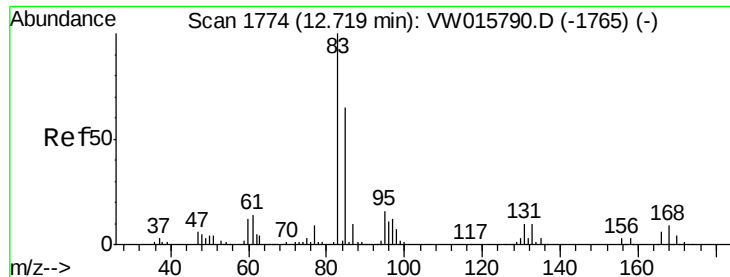
40000

20000

0

Time-->

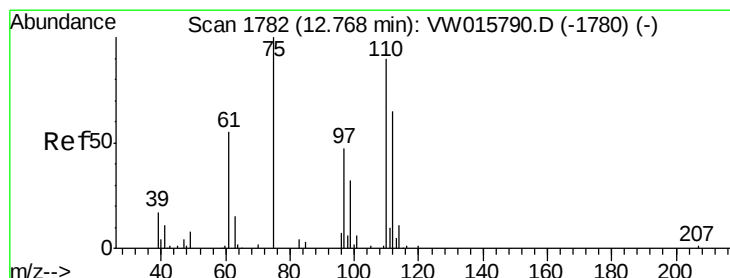
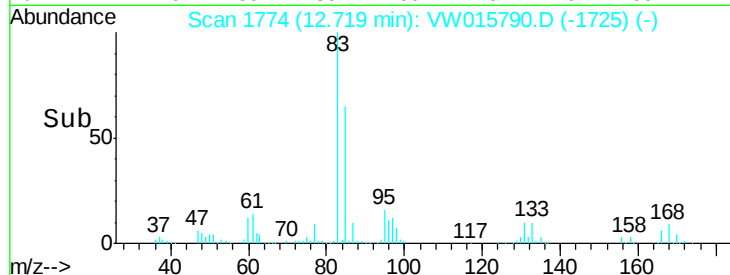
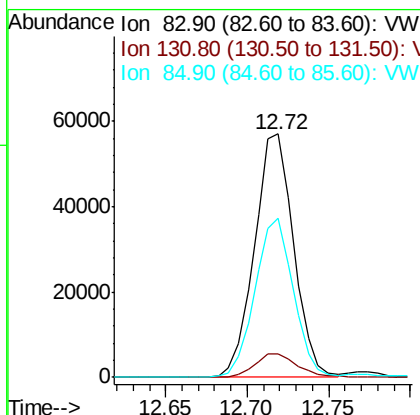
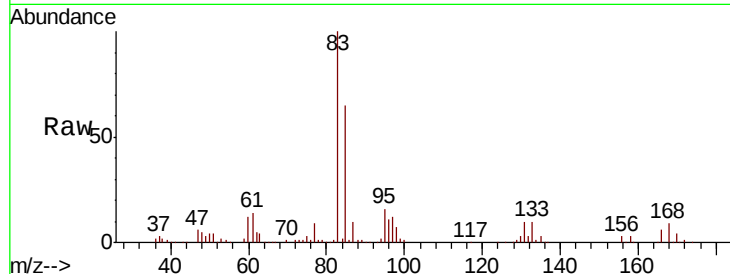




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.392 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: VW015790.D
 Acq: 07 Jul 2020 12:17

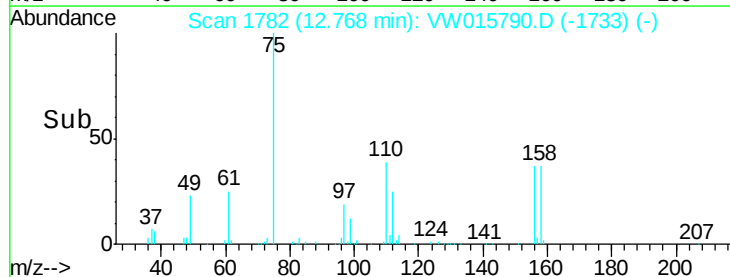
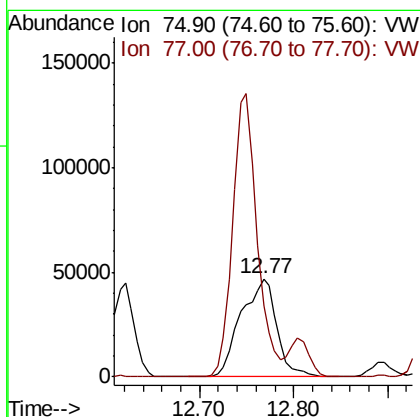
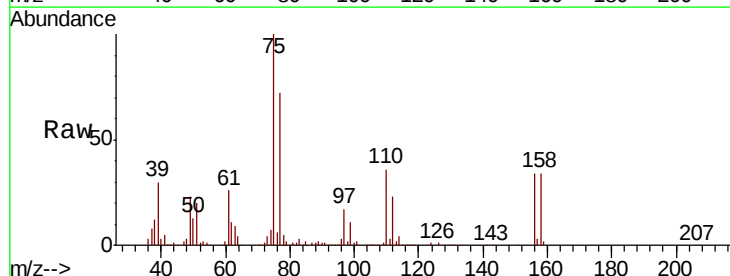
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

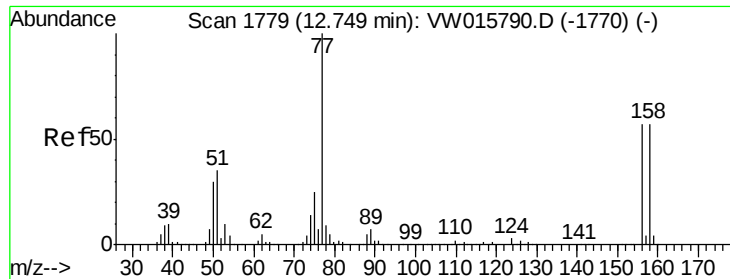
Tot Ion	83	Resp	94830
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.3	16.1
85	63.9	31.9	95.9



#76
 1,2,3-Trichloropropane
 Concen: 84.481 ug/l
 RT: 12.77 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: VW015790.D
 Acq: 07 Jul 2020 12:17

Tgt Ion	75	Resp	124598
Ion Ratio	Lower	Upper	
75	100		
77	196.0	177.3	532.0





#77

Bromobenzene

Concen: 49.693 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW015790.D

Acq: 07 Jul 2020 12:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

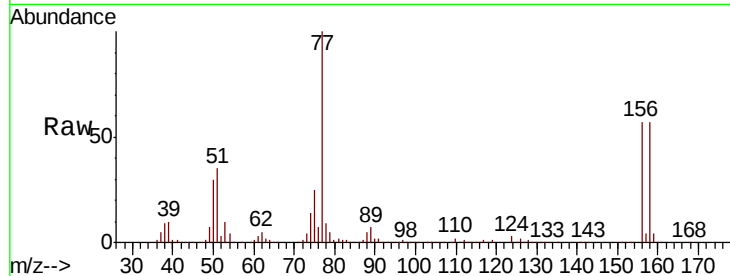
Tot Ion:156 Resp: 123617

Ion Ratio Lower Upper

156 100

77 197.6 98.8 296.4

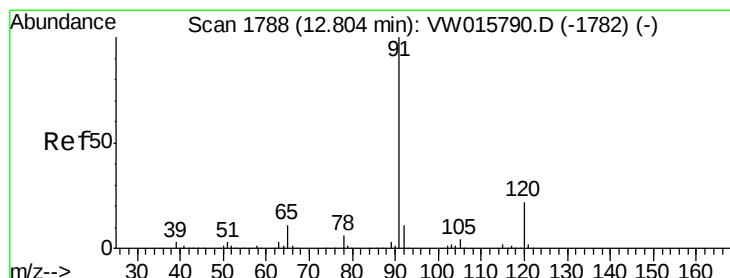
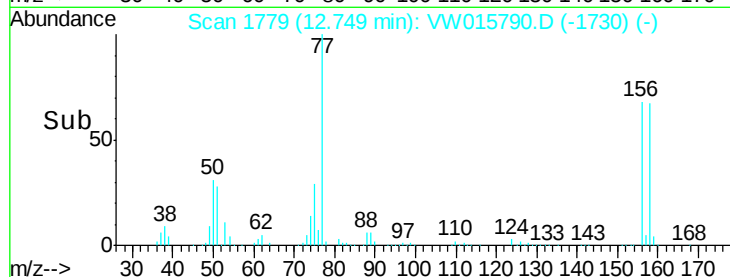
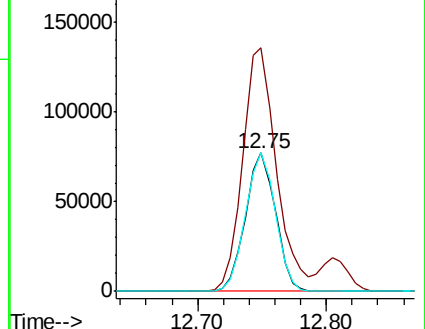
158 99.9 50.0 149.8



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: 50.902 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015790.D

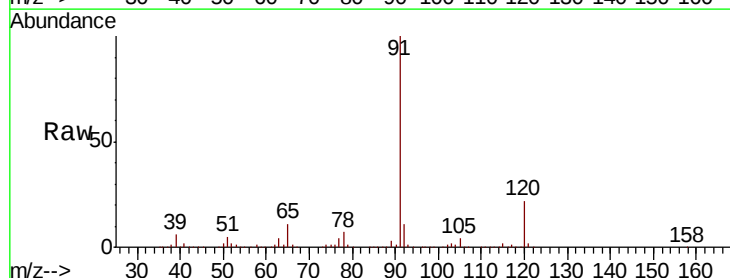
Acq: 07 Jul 2020 12:17

Tgt Ion: 91 Resp: 691178

Ion Ratio Lower Upper

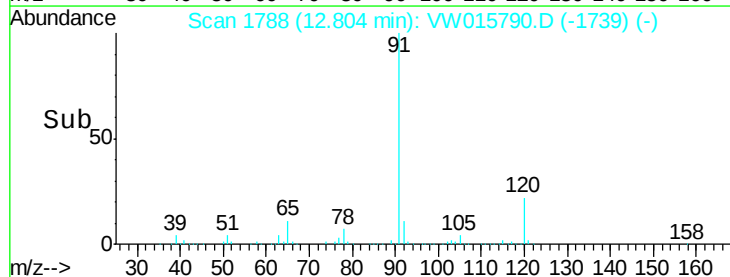
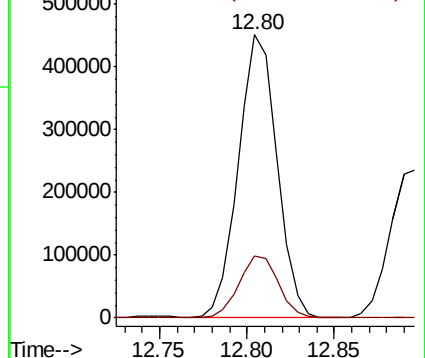
91 100

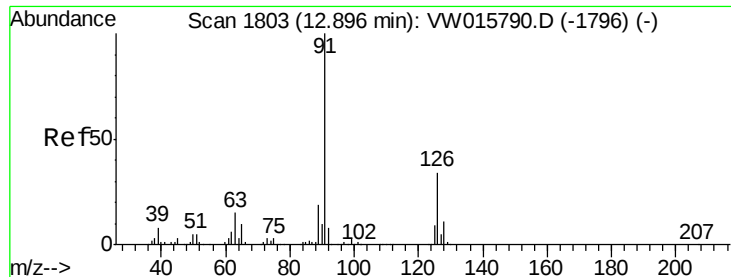
120 22.4 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.709 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW015790.D

Acq: 07 Jul 2020 12:17

Instrument :

MSVOA_W

ClientSampleId :

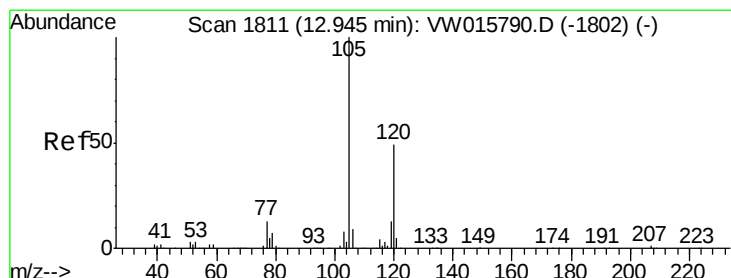
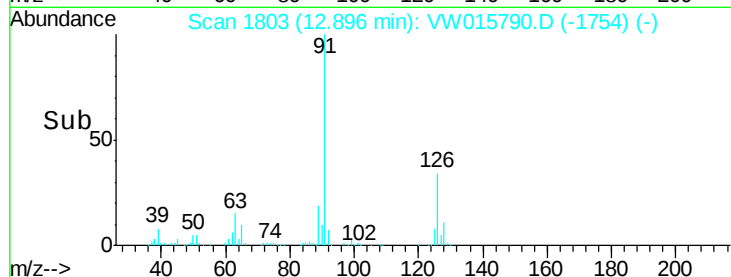
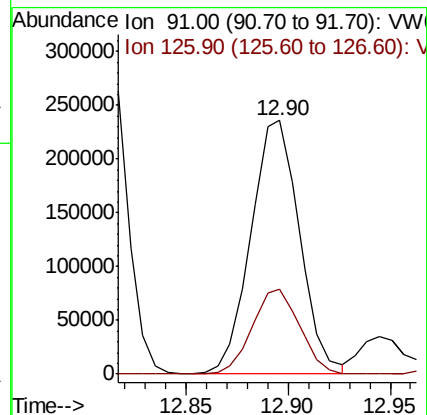
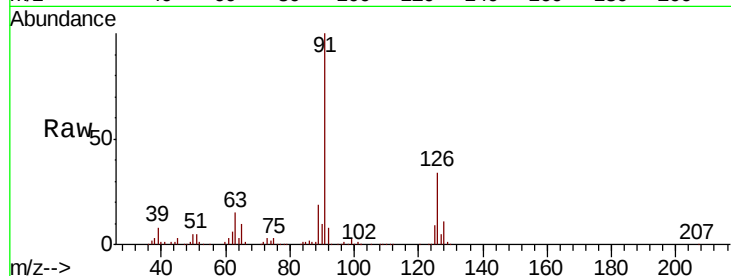
VSTDICCC050

Tot Ion: 91 Resp: 391727

Ion Ratio Lower Upper

91 100

126 33.0 16.5 49.5



#80

1,3,5-Trimethylbenzene

Concen: 50.765 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW015790.D

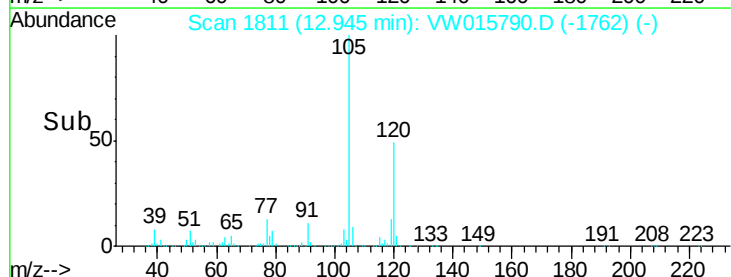
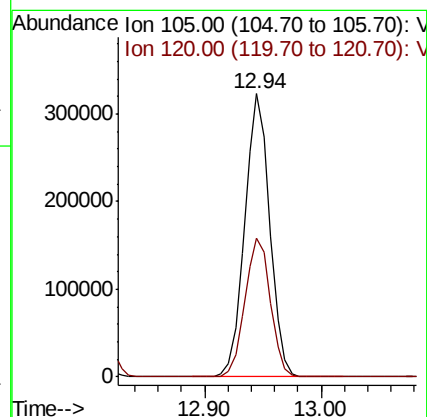
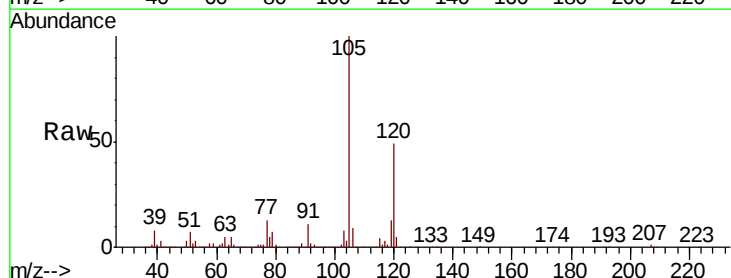
Acq: 07 Jul 2020 12:17

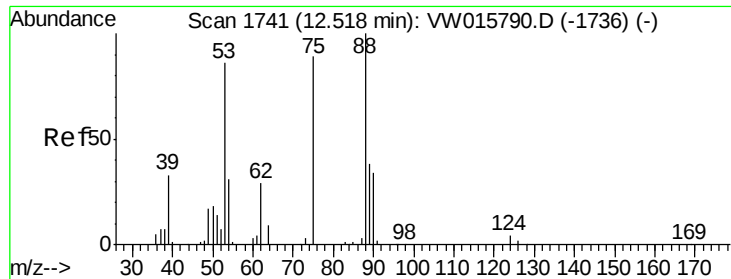
Tgt Ion: 105 Resp: 482482

Ion Ratio Lower Upper

105 100

120 50.2 25.1 75.3

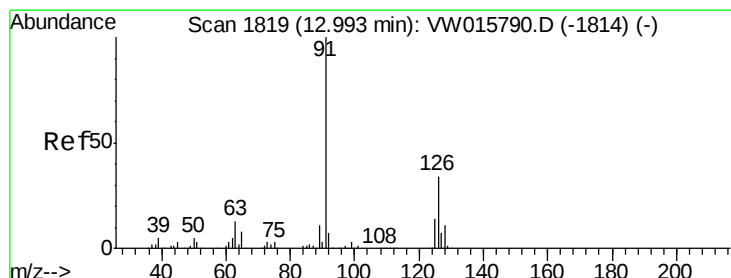
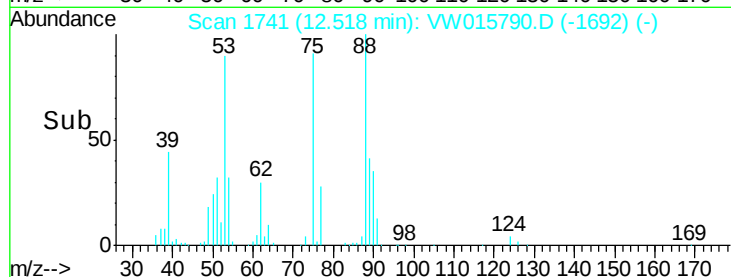
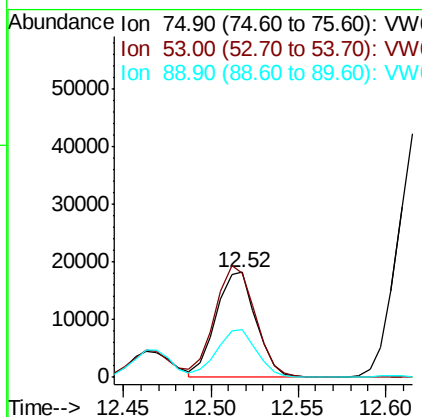
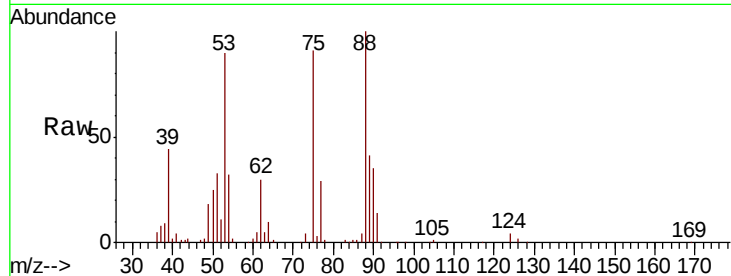




#81
trans-1,4-Dichloro-2-butene
Concen: 53.539 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW015790.D
Acq: 07 Jul 2020 12:17

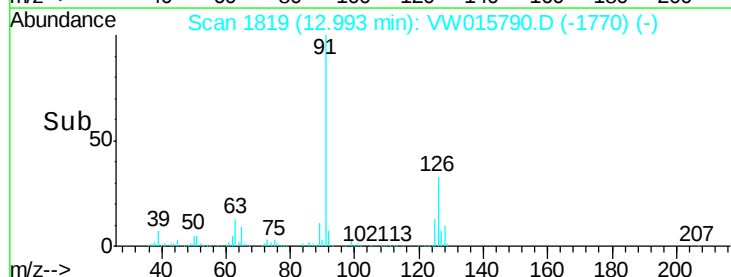
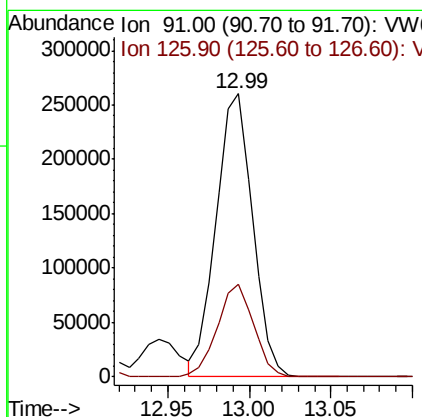
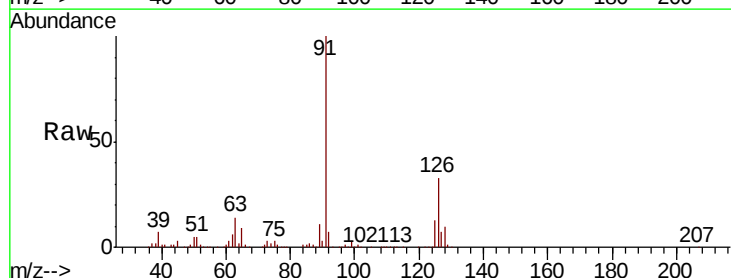
Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

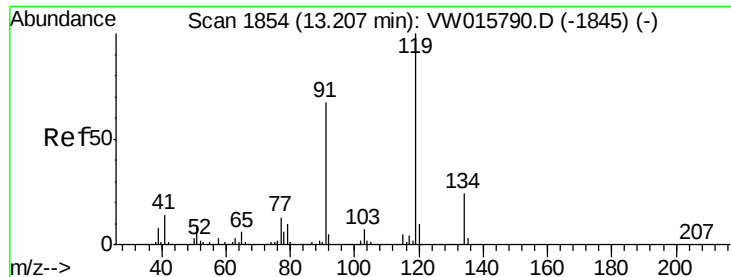
Tot Ion: 75 Resp: 28936
Ion Ratio Lower Upper
75 100
53 107.4 85.9 128.9
89 45.3 36.2 54.4



#82
4-Chlorotoluene
Concen: 50.355 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW015790.D
Acq: 07 Jul 2020 12:17

Tgt Ion: 91 Resp: 406613
Ion Ratio Lower Upper
91 100
126 32.6 16.3 48.9

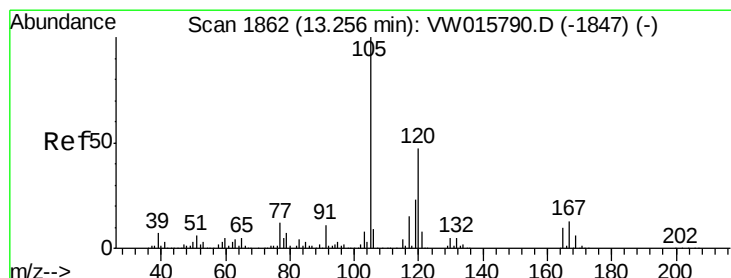
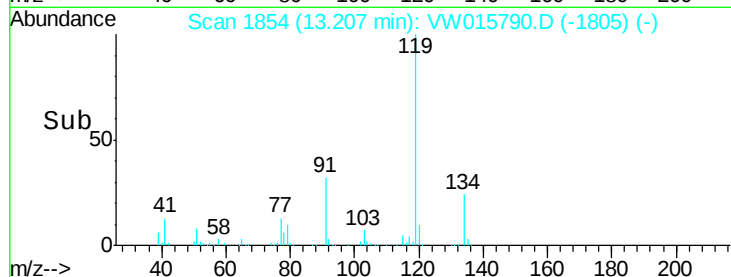
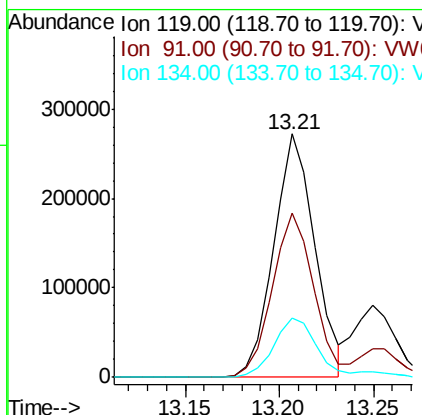
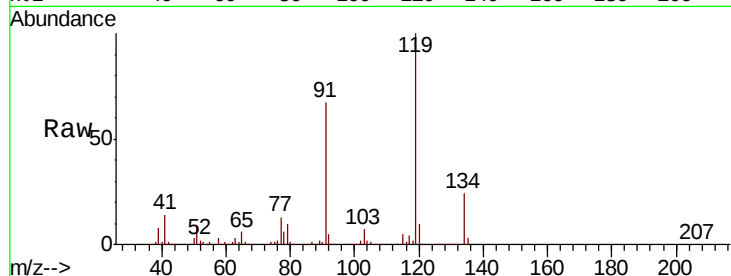




#83
tert-Butylbenzene
Concen: 51.786 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW015790.D
Acq: 07 Jul 2020 12:17

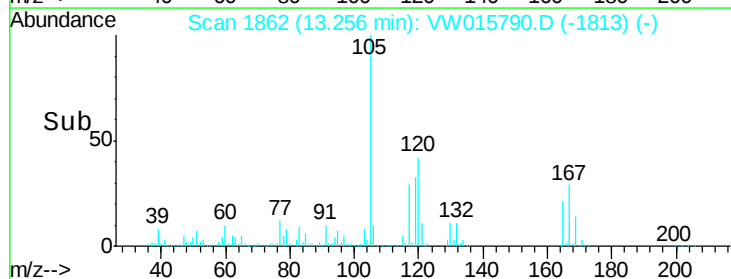
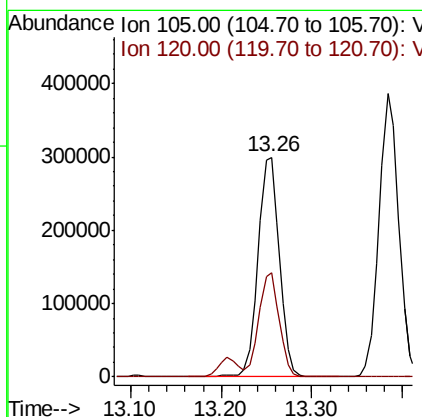
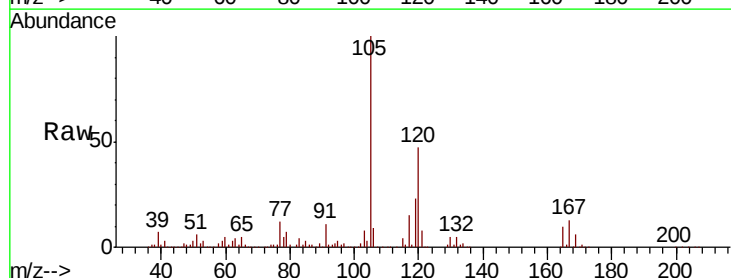
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

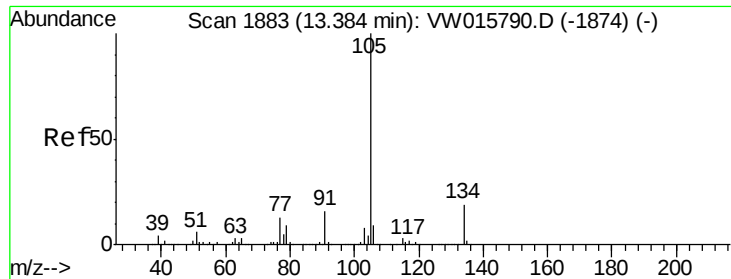
Tot Ion:119 Resp: 409778
Ion Ratio Lower Upper
119 100
91 68.9 34.4 103.3
134 27.1 13.6 40.7



#84
1,2,4-Trimethylbenzene
Concen: 51.296 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW015790.D
Acq: 07 Jul 2020 12:17

Tgt Ion:105 Resp: 486047
Ion Ratio Lower Upper
105 100
120 45.6 22.8 68.4

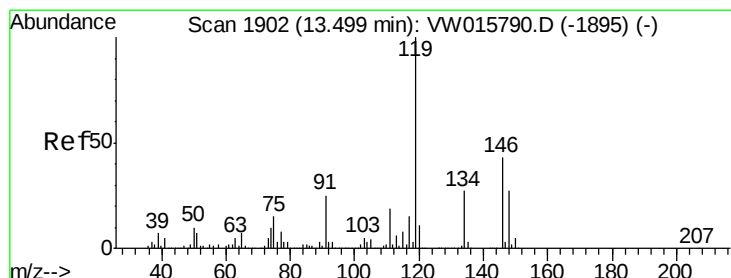
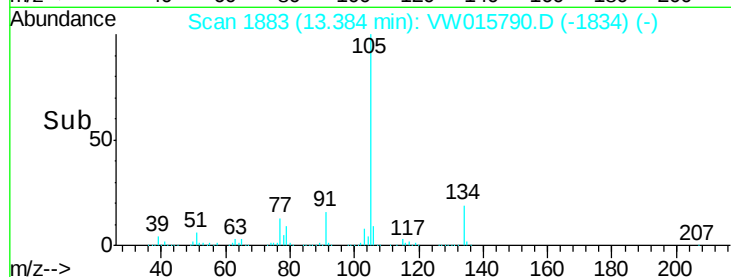
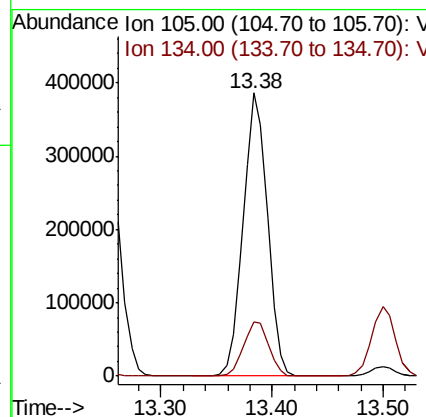
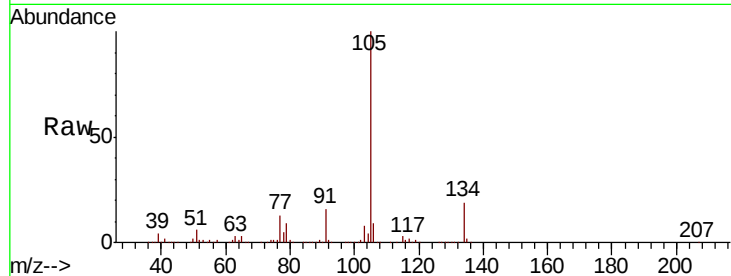




#85
 sec-Butylbenzene
 Concen: 51.111 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015790.D
 Acq: 07 Jul 2020 12:17

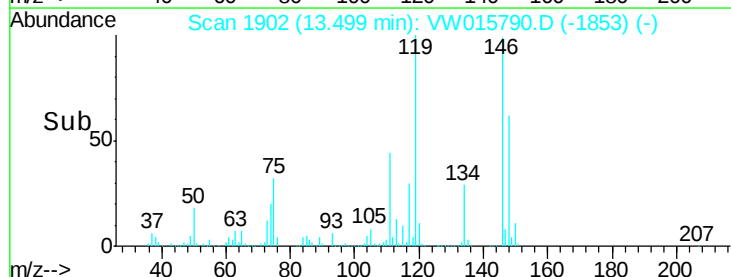
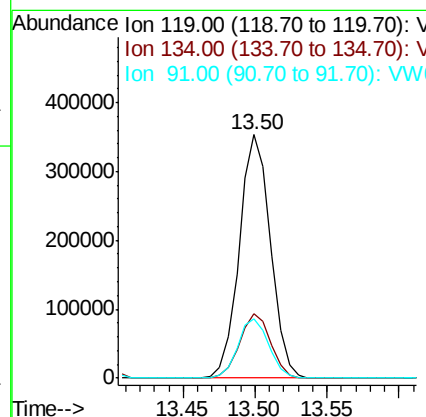
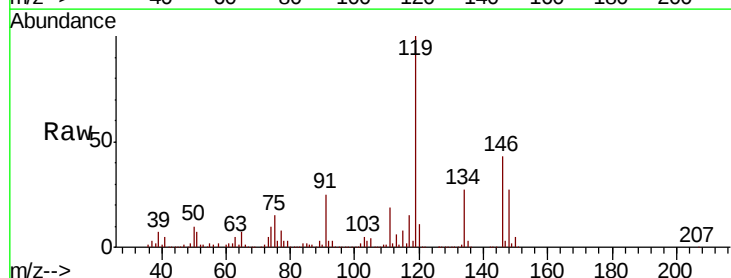
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

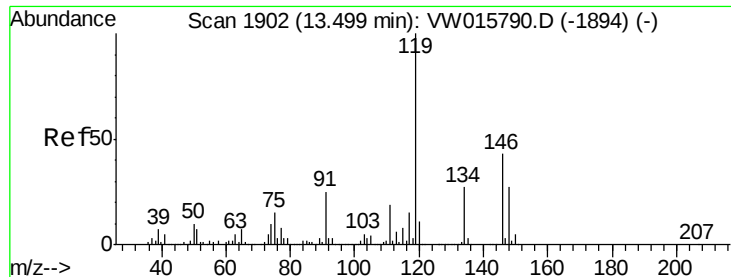
Tot Ion:105 Resp: 582347
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 51.140 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015790.D
 Acq: 07 Jul 2020 12:17

Tgt Ion:119 Resp: 531008
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.6
 91 24.4 12.2 36.6

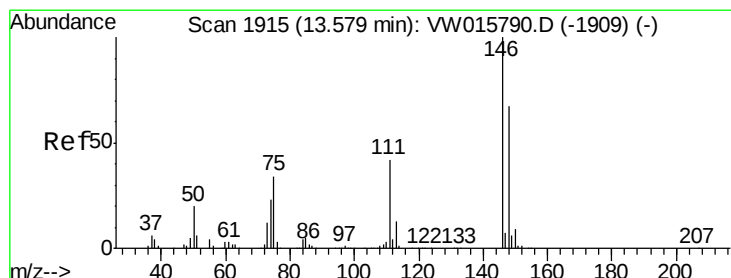
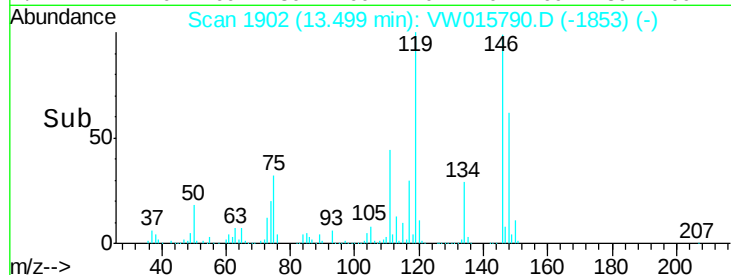
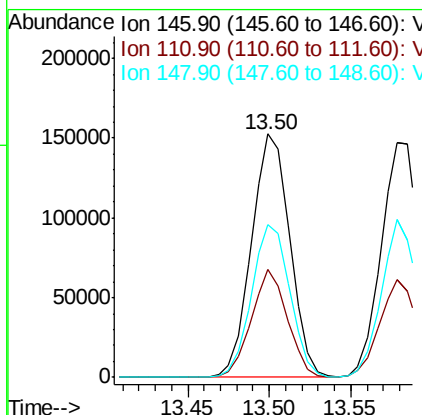
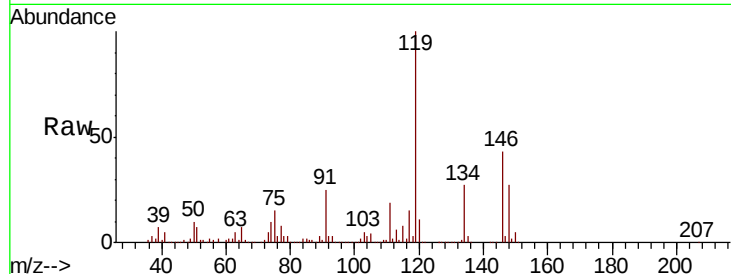




#87
 1,3-Dichlorobenzene
 Concen: 49.605 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015790.D
 Acq: 07 Jul 2020 12:17

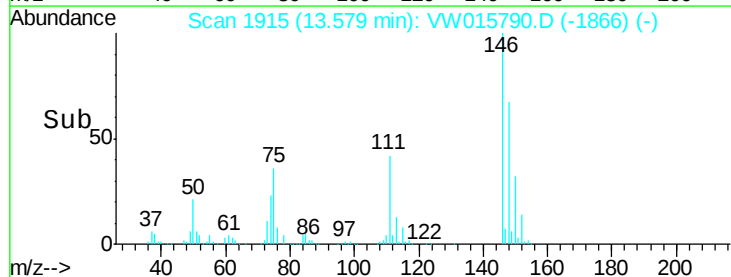
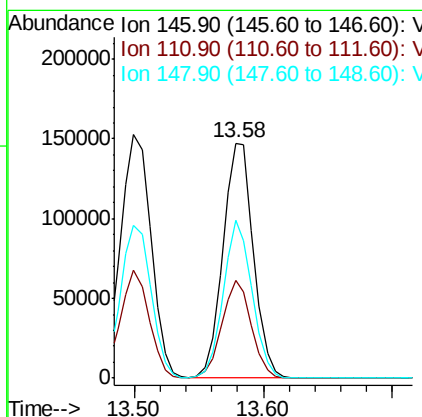
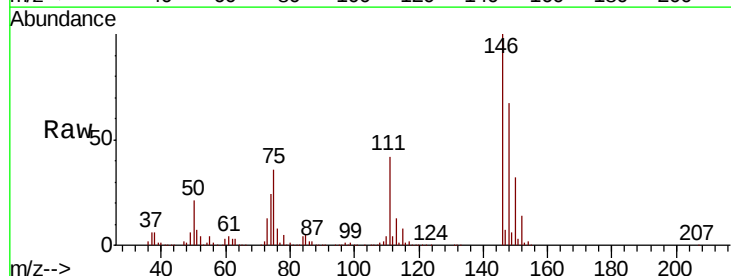
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

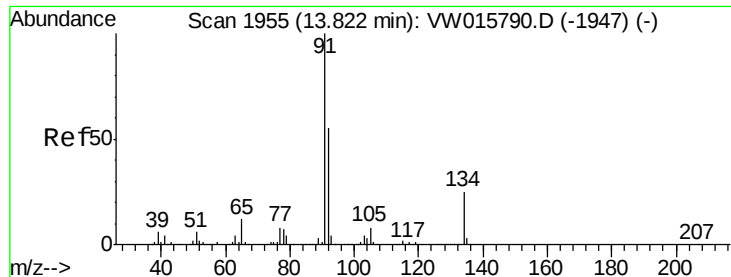
Tot Ion:146 Resp: 249735
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.8 62.4
 148 62.8 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 49.784 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015790.D
 Acq: 07 Jul 2020 12:17

Tgt Ion:146 Resp: 243874
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.2 60.6
 148 63.6 31.8 95.4





#89

n-Butylbenzene

Concen: 51.845 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015790.D

Acq: 07 Jul 2020 12:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

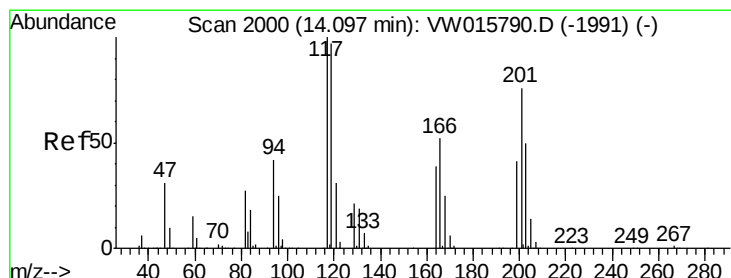
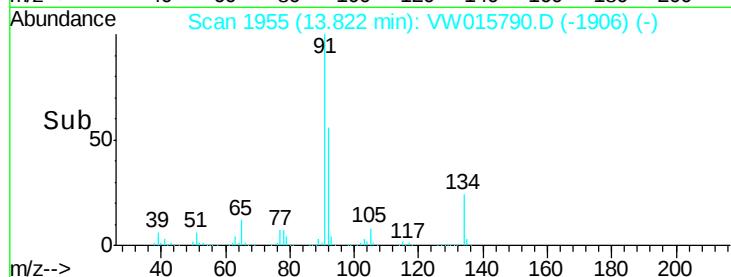
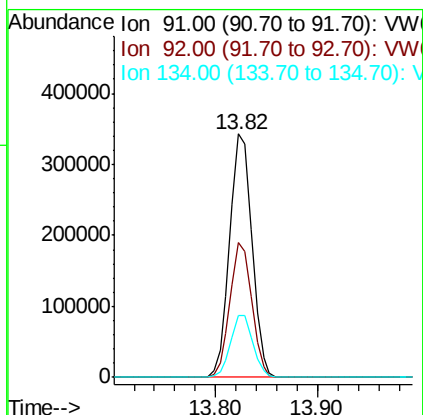
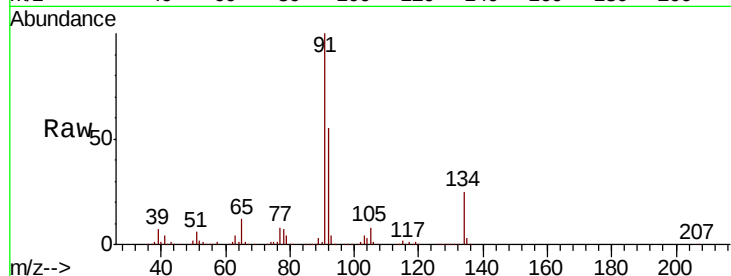
Tot Ion: 91 Resp: 517123

Ion Ratio Lower Upper

91 100

92 54.4 27.2 81.6

134 25.4 12.7 38.1



#90

Hexachloroethane

Concen: 51.361 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW015790.D

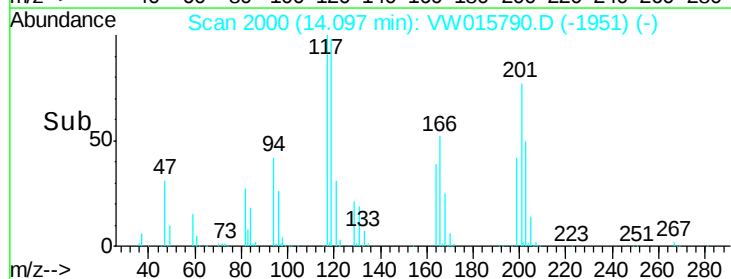
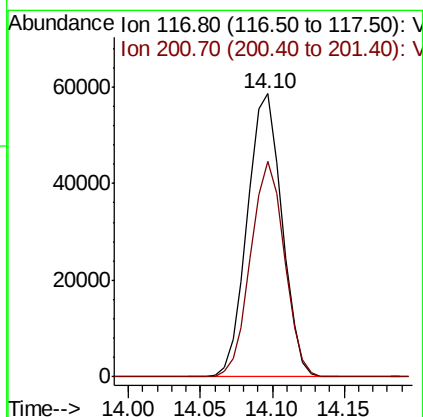
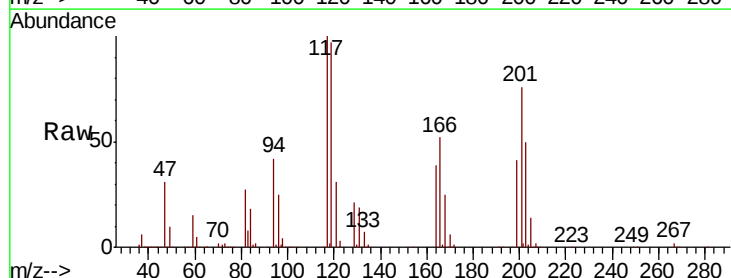
Acq: 07 Jul 2020 12:17

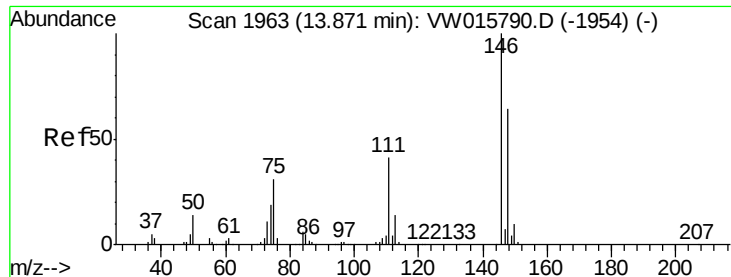
Tgt Ion: 117 Resp: 97392

Ion Ratio Lower Upper

117 100

201 74.2 37.1 111.3





#91

1,2-Dichlorobenzene

Concen: 50.999 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW015790.D

Acq: 07 Jul 2020 12:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

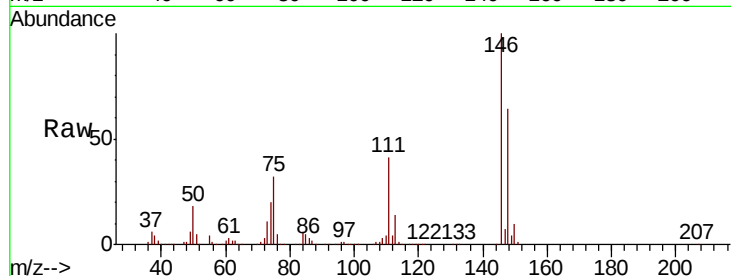
Tot Ion:146 Resp: 221008

Ion Ratio Lower Upper

146 100

111 41.3 20.6 61.9

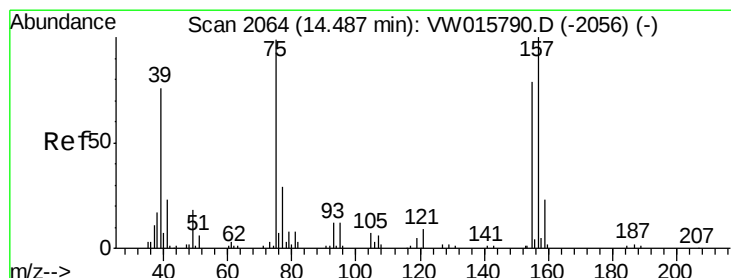
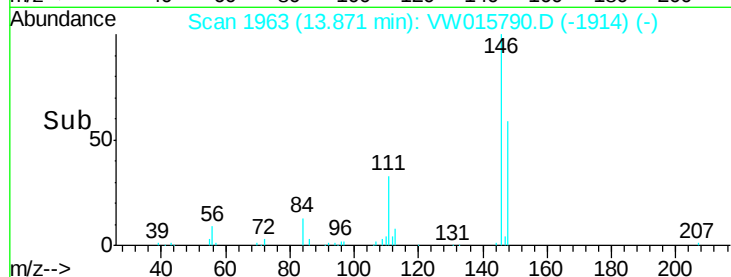
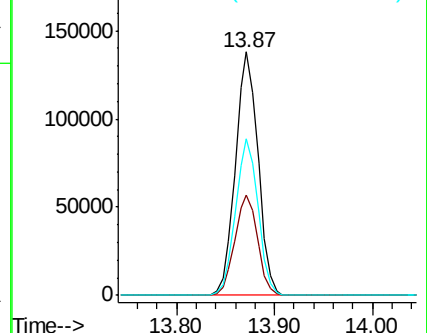
148 63.6 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.500 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW015790.D

Acq: 07 Jul 2020 12:17

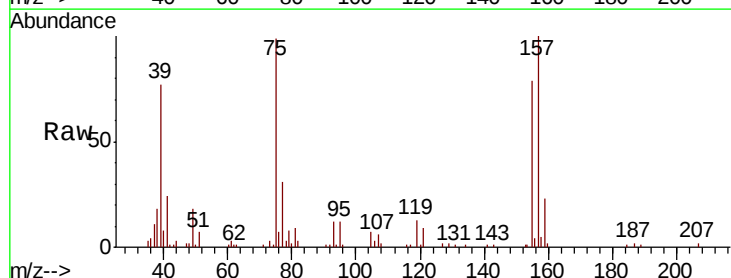
Tgt Ion: 75 Resp: 15458

Ion Ratio Lower Upper

75 100

155 78.3 39.1 117.5

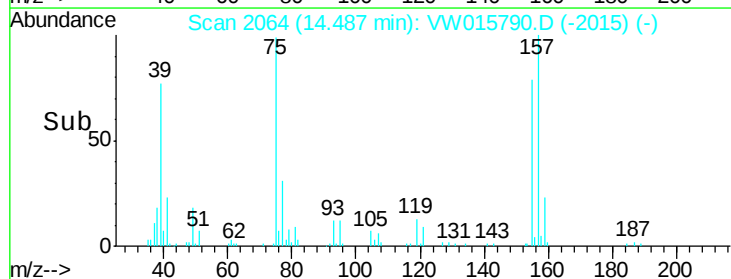
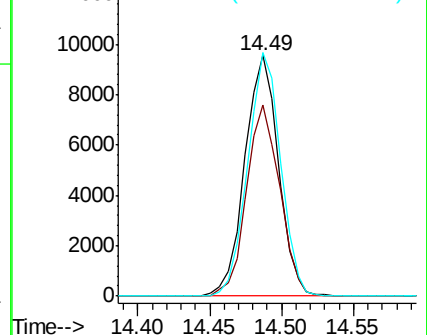
157 98.3 49.1 147.4

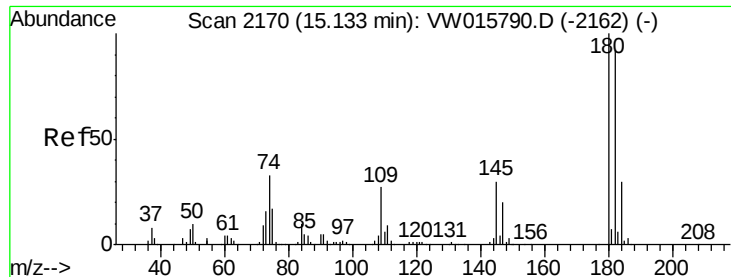


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

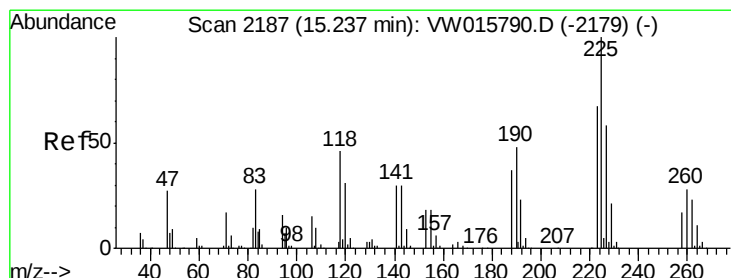
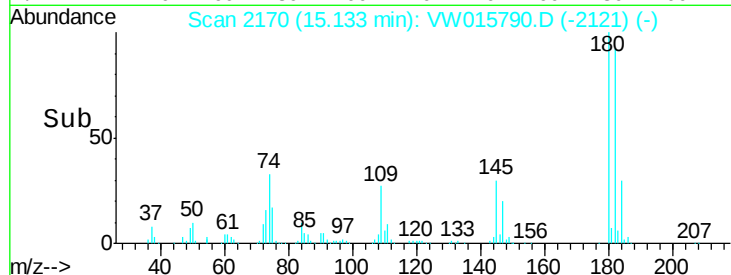
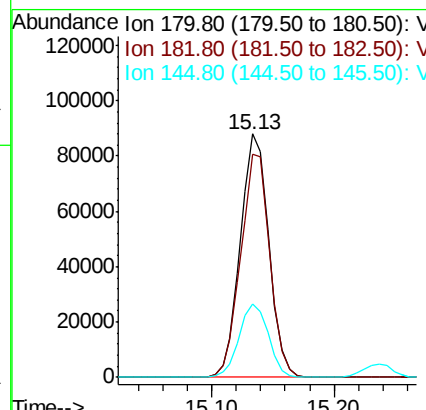
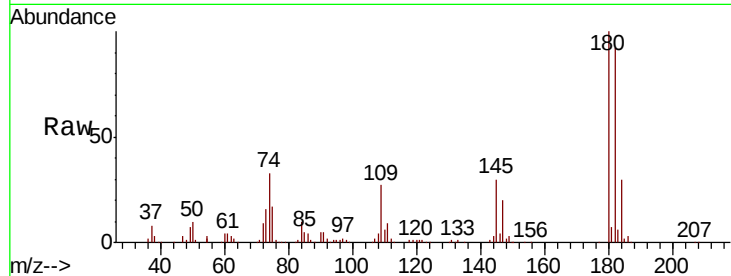




#93
 1,2,4-Trichlorobenzene
 Concen: 51.952 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015790.D
 Acq: 07 Jul 2020 12:17

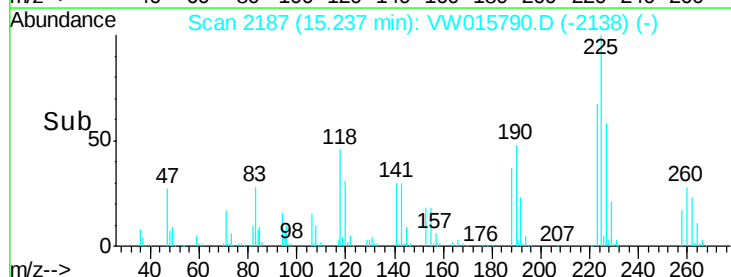
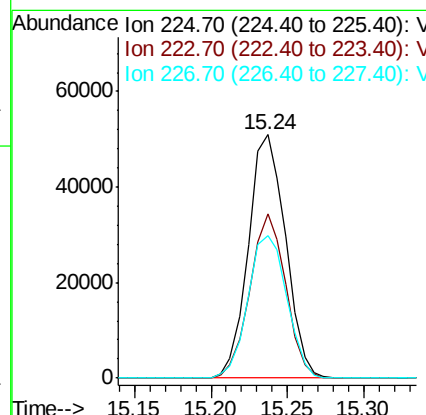
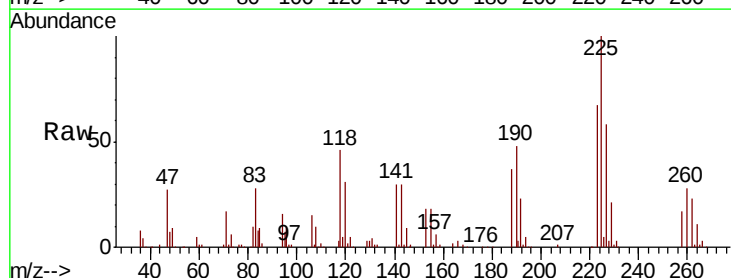
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

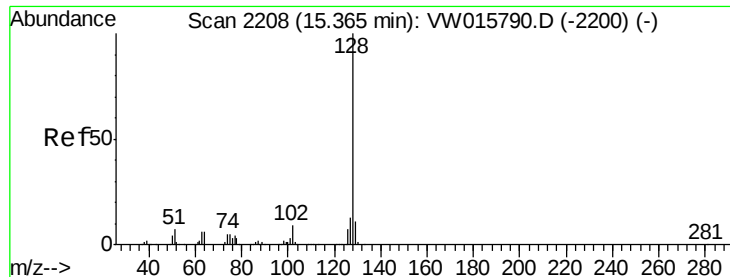
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.5	46.8	140.3
145	30.9	15.4	46.4



#94
 Hexachlorobutadiene
 Concen: 49.728 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW015790.D
 Acq: 07 Jul 2020 12:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	32.4	97.2
227	61.4	30.7	92.1

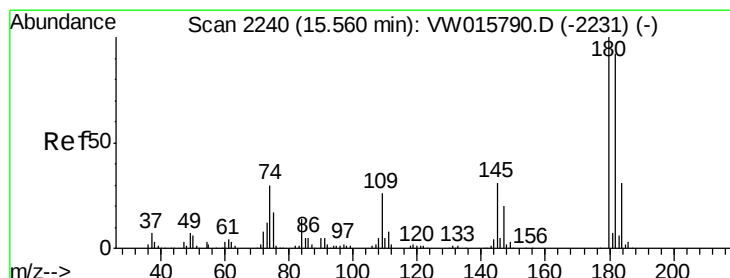
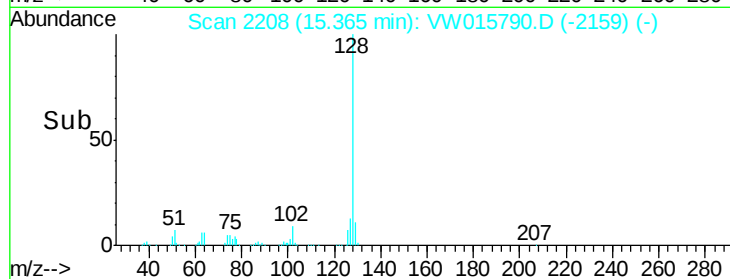
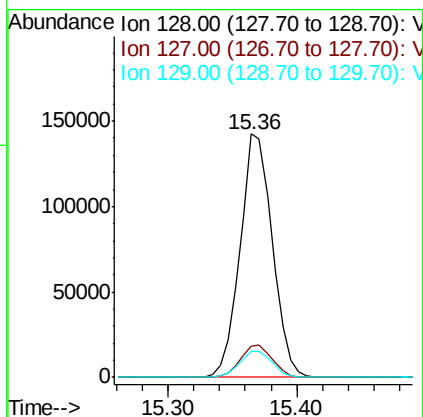
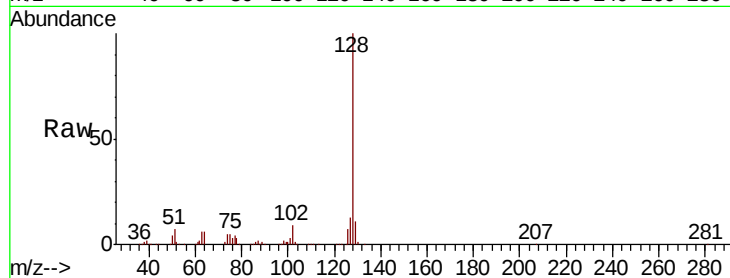




#95
Naphthalene
Concen: 54.007 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015790.D
Acq: 07 Jul 2020 12:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion:128 Resp: 245885
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.158 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW015790.D
Acq: 07 Jul 2020 12:17

Tgt Ion:180 Resp: 117986
Ion Ratio Lower Upper
180 100
182 95.4 47.7 143.1
145 33.3 16.7 50.0

