

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070720\
 Data File : VW015796.D
 Acq On : 07 Jul 2020 17:42
 Operator : SY/VA
 Sample : VW0707SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0707SBS01

Quant Time: Jul 08 09:09:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 08:28:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	213755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	348119	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	317735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	160309	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	106734	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
35) Dibromofluoromethane	7.89	113	93412	45.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.98%	
50) Toluene-d8	10.33	98	362119	46.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.84%	
62) 4-Bromofluorobenzene	12.62	95	137347	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	26185	23.260	ug/l	99
3) Chloromethane	2.21	50	30155	19.724	ug/l	100
4) Vinyl Chloride	2.36	62	51476	21.807	ug/l	99
5) Bromomethane	2.78	94	37420	20.717	ug/l	95
6) Chloroethane	2.93	64	33118	20.789	ug/l	98
7) Trichlorofluoromethane	3.26	101	36476	21.501	ug/l	99
8) Diethyl Ether	3.68	74	22404	21.195	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	42817	21.561	ug/l	99
10) Methyl Iodide	4.27	142	58488	21.064	ug/l	100
11) Tert butyl alcohol	5.18	59	20468	176.416	ug/l #	83
12) 1,1-Dichloroethene	4.03	96	41643	21.328	ug/l	97
13) Acrolein	3.89	56	16467	107.842	ug/l	98
14) Allyl chloride	4.67	41	66360	20.911	ug/l	99
15) Acrylonitrile	5.37	53	45771	110.750	ug/l	98
16) Acetone	4.12	43	47128	114.429	ug/l	98
17) Carbon Disulfide	4.38	76	120386	20.727	ug/l	99
18) Methyl Acetate	4.67	43	21010	22.416	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	66574	22.781	ug/l	98
20) Methylene Chloride	4.92	84	62967	27.733	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	47701	21.092	ug/l	94
22) Diisopropyl ether	6.32	45	135803	21.235	ug/l	98
23) Vinyl Acetate	6.26	43	410630	107.953	ug/l	100
24) 1,1-Dichloroethane	6.22	63	84227	20.802	ug/l	99
25) 2-Butanone	7.18	43	62718	112.187	ug/l	100
26) 2,2-Dichloropropane	7.17	77	54130	21.310	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	50449	20.775	ug/l	96
28) Bromochloromethane	7.51	49	35595	22.175	ug/l	99
29) Tetrahydrofuran	7.54	42	38361	113.077	ug/l	99
30) Chloroform	7.68	83	86842	20.981	ug/l	97
31) Cyclohexane	7.96	56	80066	21.011	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	72837	20.986	ug/l	99
36) 1,1-Dichloropropene	8.09	75	69489	20.250	ug/l	99
37) Ethyl Acetate	7.26	43	28787	21.589	ug/l	99
38) Carbon Tetrachloride	8.07	117	66037	19.887	ug/l	98

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 Misc : 5.00G/5ML/MSVOA W/SOIL
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 08:28:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	83239	20.556	ug/l	99
40) Benzene	8.33	78	190519	20.268	ug/l	99
41) Methacrylonitrile	7.49	41	17543	23.174	ug/l	94
42) 1,2-Dichloroethane	8.40	62	59457	20.323	ug/l	99
43) Isopropyl Acetate	8.43	43	55135	21.184	ug/l	99
44) Trichloroethene	9.10	130	49844	20.047	ug/l	97
45) 1,2-Dichloropropane	9.37	63	47045	20.361	ug/l	98
46) Dibromomethane	9.46	93	24132	20.287	ug/l	99
47) Bromodichloromethane	9.65	83	62407	20.283	ug/l	98
48) Methyl methacrylate	9.44	41	24592	20.617	ug/l	97
49) 1,4-Dioxane	9.45	88	6611	449.522	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	135191	106.444	ug/l	99
52) Toluene	10.39	92	121677	20.115	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	59405	20.123	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	71204	20.163	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	33822	20.504	ug/l	98
56) Ethyl methacrylate	10.65	69	41504	20.466	ug/l	98
57) 1,3-Dichloropropane	10.93	76	60400	20.685	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	100257	101.181	ug/l	99
59) 2-Hexanone	10.97	43	91058	107.433	ug/l	99
60) Dibromochloromethane	11.13	129	38175	20.039	ug/l	100
61) 1,2-Dibromoethane	11.24	107	32254	20.436	ug/l	98
64) Tetrachloroethene	10.87	164	41303	20.541	ug/l	96
65) Chlorobenzene	11.66	112	128420	20.667	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	44540	20.256	ug/l	98
67) Ethyl Benzene	11.73	91	236418	20.546	ug/l	97
68) m/p-Xylenes	11.84	106	180438	41.743	ug/l	99
69) o-Xylene	12.17	106	81925	20.763	ug/l	100
70) Styrene	12.18	104	139685	20.575	ug/l	100
71) Bromoform	12.35	173	20269	20.195	ug/l #	98
73) Isopropylbenzene	12.47	105	229524	20.323	ug/l	99
74) N-amyl acetate	12.27	43	49683	20.562	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	38846	20.701	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	28158m	19.986	ug/l	
77) Bromobenzene	12.75	156	51320	20.266	ug/l	99
78) n-propylbenzene	12.80	91	280320	20.449	ug/l	100
79) 2-Chlorotoluene	12.90	91	157812	20.187	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	200512	20.831	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	10992	20.094	ug/l	95
82) 4-Chlorotoluene	12.99	91	166528	20.399	ug/l	99
83) tert-Butylbenzene	13.21	119	162636	20.352	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	198894	20.691	ug/l	100
85) sec-Butylbenzene	13.38	105	239818	20.780	ug/l	99
86) p-Isopropyltoluene	13.50	119	218075	20.693	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	101299	19.956	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	101470	20.419	ug/l	99
89) n-Butylbenzene	13.82	91	209359	20.759	ug/l	99
90) Hexachloroethane	14.10	117	37753	19.764	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	89471	20.344	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6181	20.615	ug/l	98

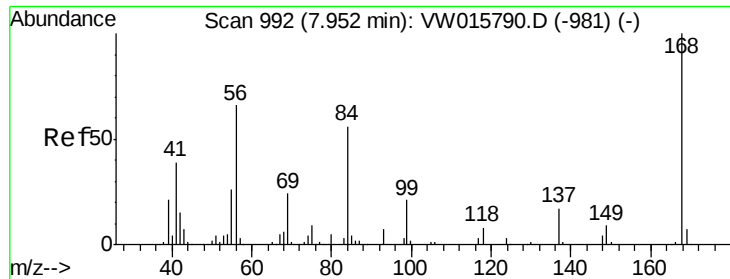
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070720\
Data File : VW015796.D
Acq On : 07 Jul 2020 17:42
Operator : SY/VA
Sample : VW0707SBSD01
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	54203	19.549	ug/l	99
94) Hexachlorobutadiene	15.24	225	34100	19.371	ug/l	96
95) Naphthalene	15.37	128	90806	19.359	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	44997	19.072	ug/l	97

(#) = 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: VW015796.D

Acq: 07 Jul 2020 17:42

Instrument :

MSVOA_W

ClientSampleId :

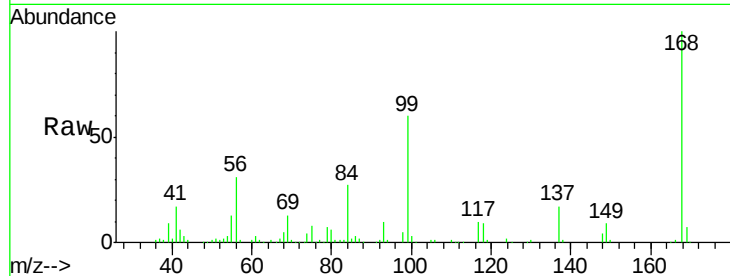
VW0707SBSD01

Tot Ion:168 Resp: 213755

Ion Ratio Lower Upper

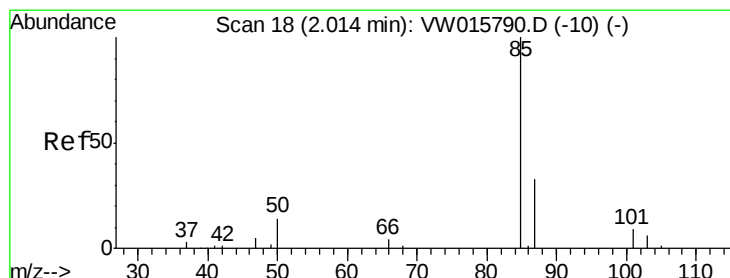
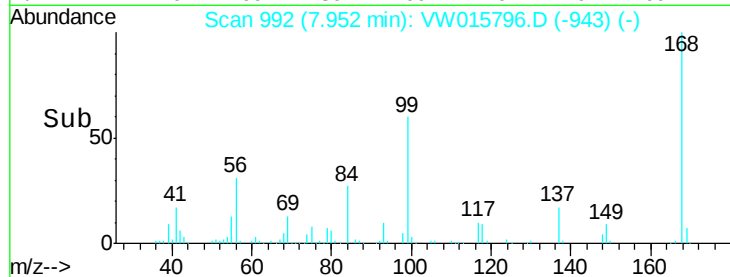
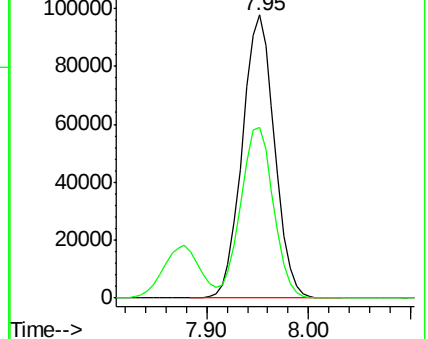
168 100

99 60.4 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: 23.260 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW015796.D

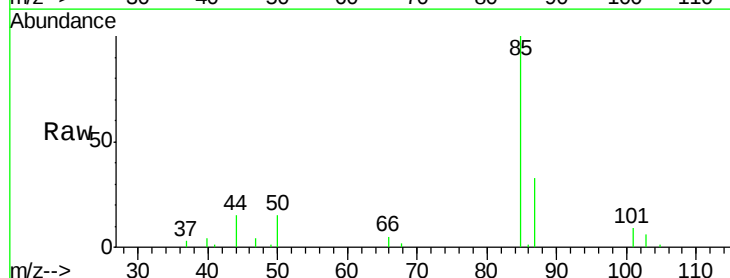
Acq: 07 Jul 2020 17:42

Tgt Ion: 85 Resp: 26185

Ion Ratio Lower Upper

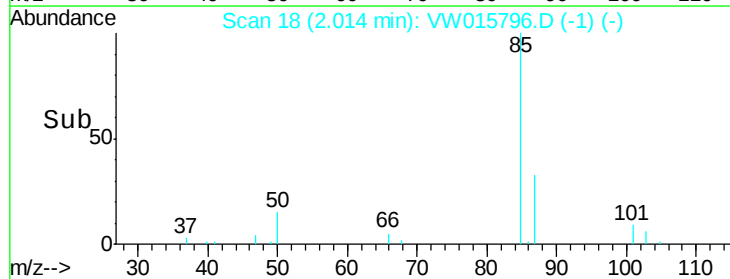
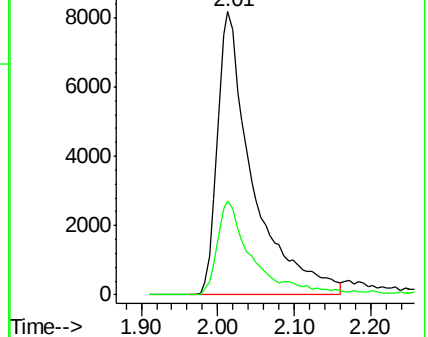
85 100

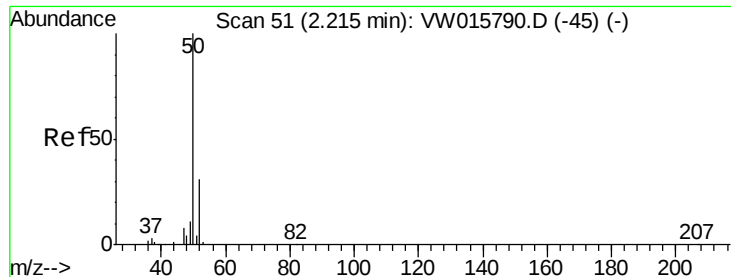
87 33.1 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 19.724 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW015796.D

Acq: 07 Jul 2020 17:42

Instrument :

MSVOA_W

ClientSampleId :

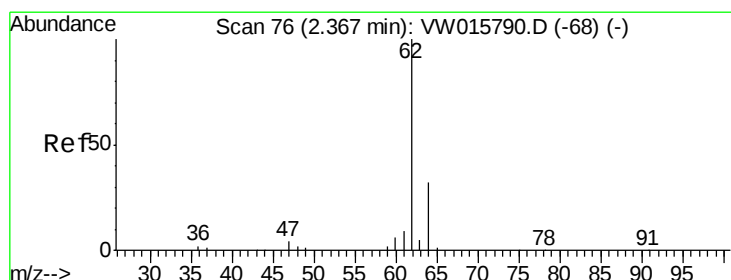
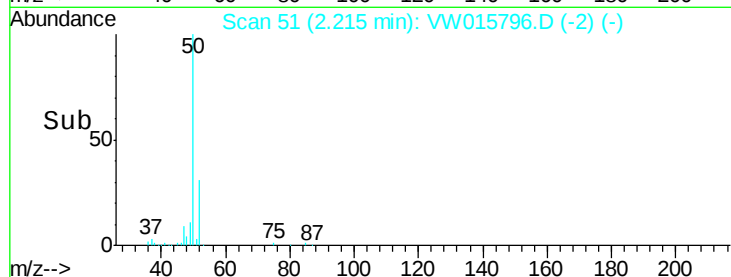
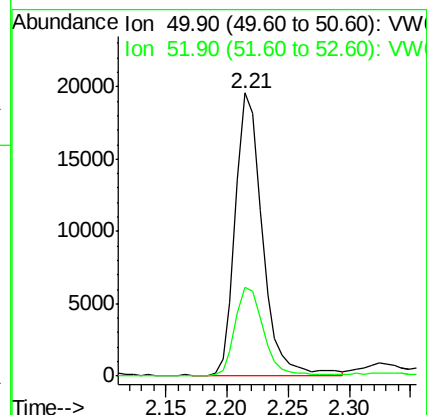
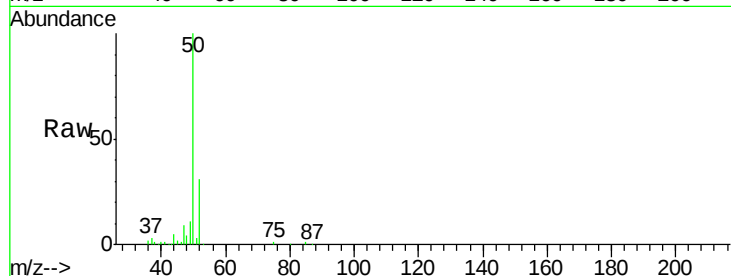
VW0707SBS01

Tot Ion: 50 Resp: 30155

Ion Ratio Lower Upper

50 100

52 31.3 25.2 37.8



#4

Vinyl Chloride

Concen: 21.807 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW015796.D

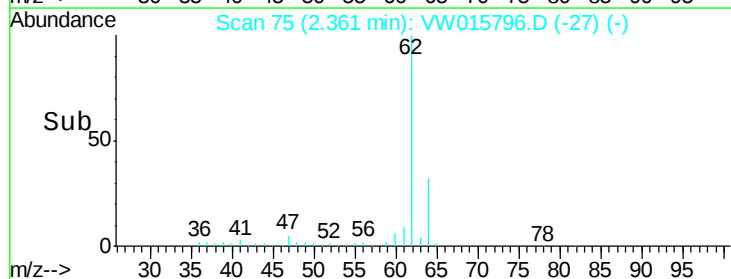
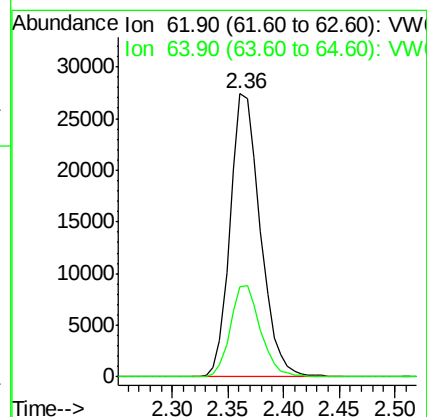
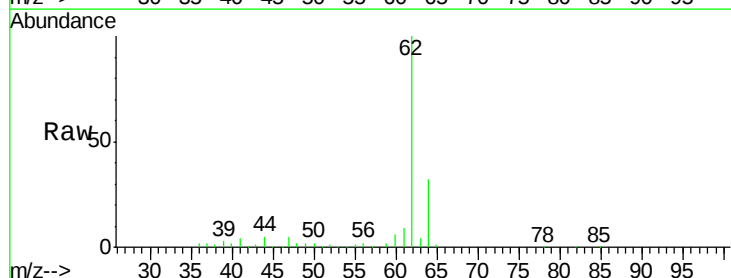
Acq: 07 Jul 2020 17:42

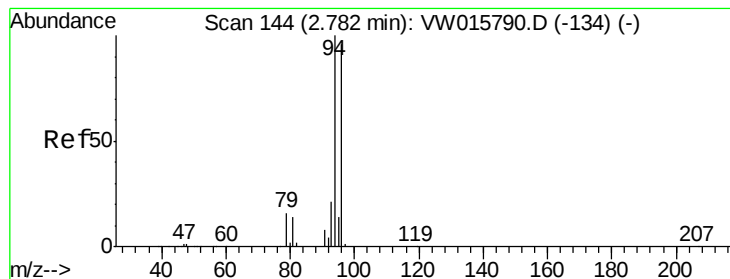
Tgt Ion: 62 Resp: 51476

Ion Ratio Lower Upper

62 100

64 31.7 25.8 38.8





#5

Bromomethane

Concen: 20.717 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW015796.D

Acq: 07 Jul 2020 17:42

Instrument :

MSVOA_W

ClientSampleId :

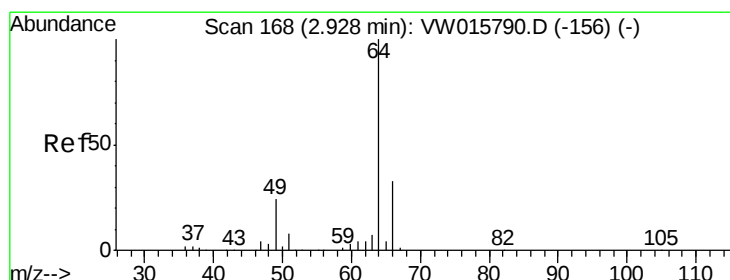
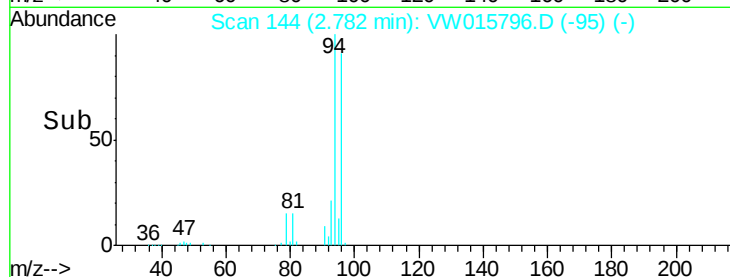
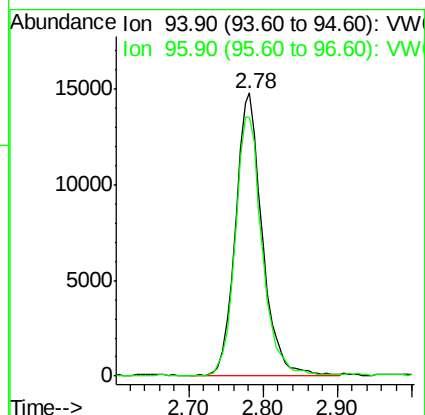
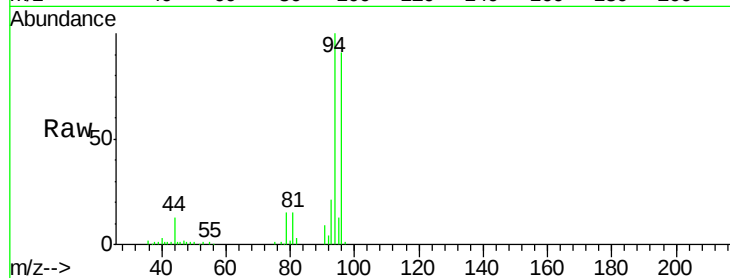
VW0707SBSD01

Tot Ion: 94 Resp: 37420

Ion Ratio Lower Upper

94 100

96 91.4 76.7 115.1



#6

Chloroethane

Concen: 20.789 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW015796.D

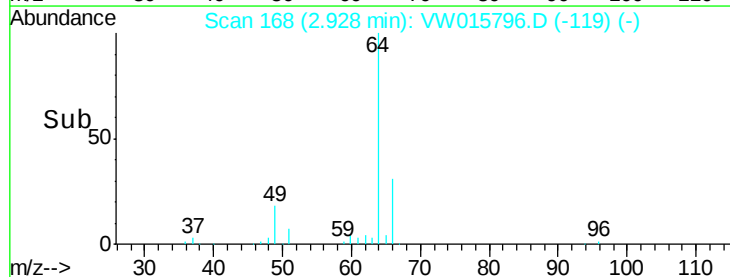
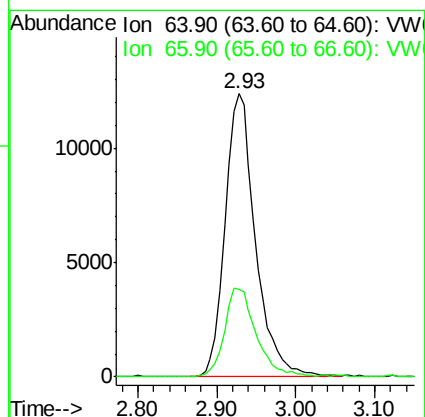
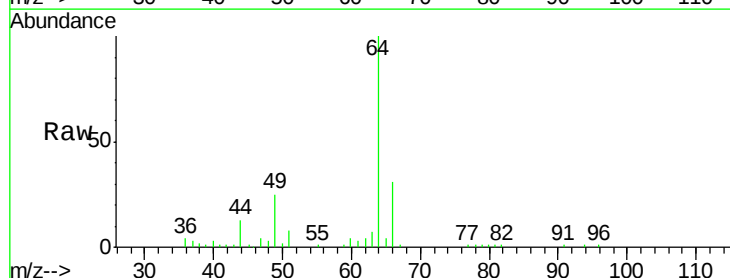
Acq: 07 Jul 2020 17:42

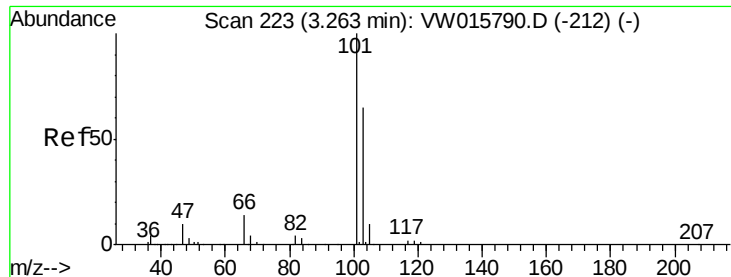
Tgt Ion: 64 Resp: 33118

Ion Ratio Lower Upper

64 100

66 31.1 26.0 39.0



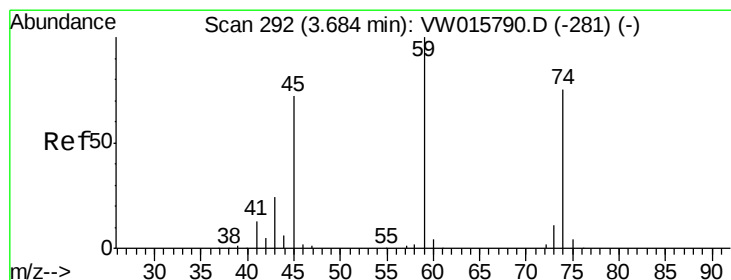
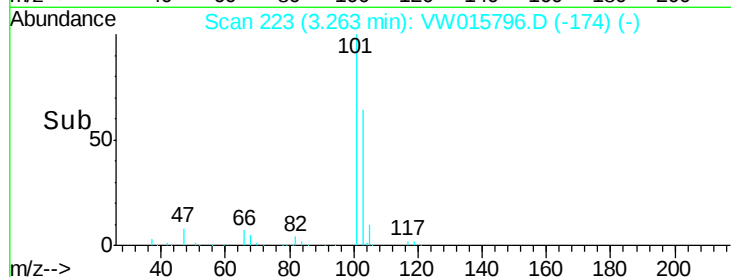
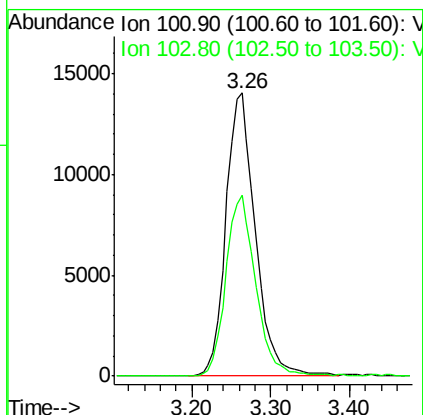
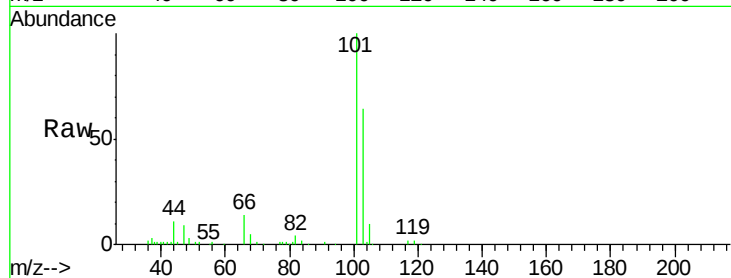


#7

Trichlorofluoromethane
Concen: 21.501 ug/l
RT: 3.26 min Scan# 223
Delta R.T. -0.00 min
Lab File: VW015796.D
Acq: 07 Jul 2020 17:42

Instrument :
MSVOA_W
ClientSampleId :
VW0707SBSD01

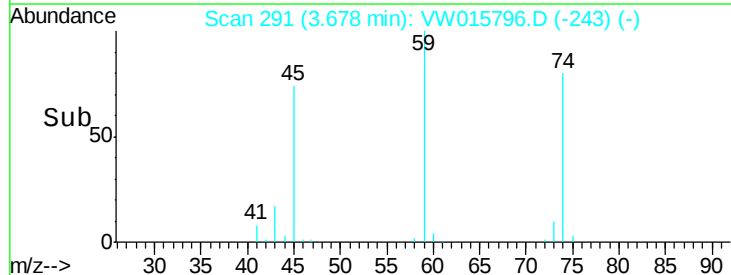
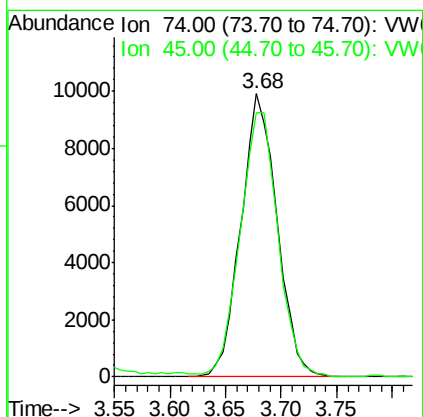
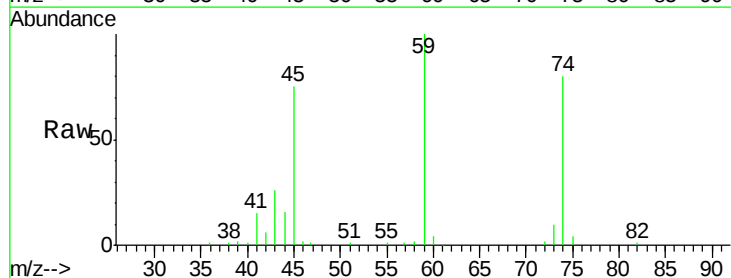
Tot Ion:101 Resp: 36476
Ion Ratio Lower Upper
101 100
103 64.2 52.2 78.4

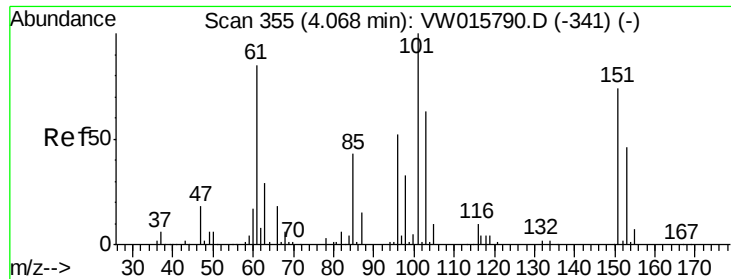


#8

Diethyl Ether
Concen: 21.195 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW015796.D
Acq: 07 Jul 2020 17:42

Tgt Ion: 74 Resp: 22404
Ion Ratio Lower Upper
74 100
45 97.9 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.561 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW015796.D

Acq: 07 Jul 2020 17:42

Instrument :

MSVOA_W

ClientSampleId :

VW0707SBS01

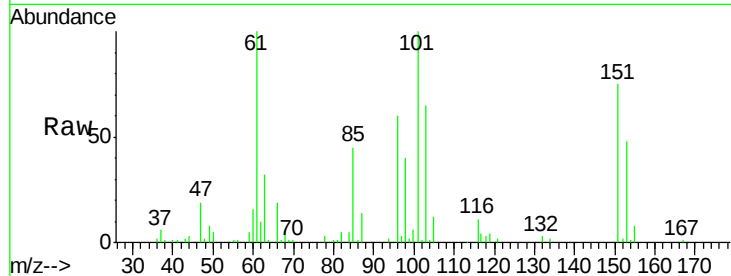
Tot Ion:101 Resp: 42817

Ion Ratio Lower Upper

101 100

85 45.1 36.1 54.1

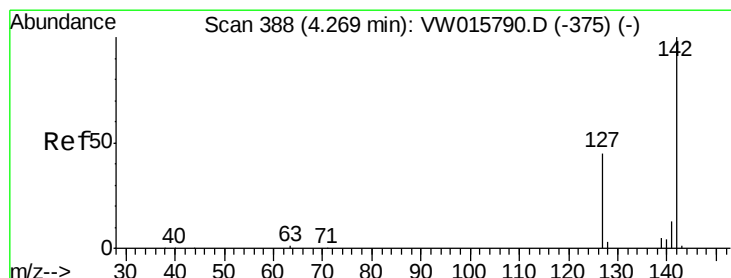
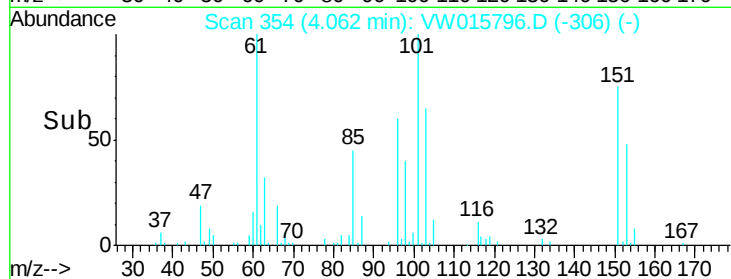
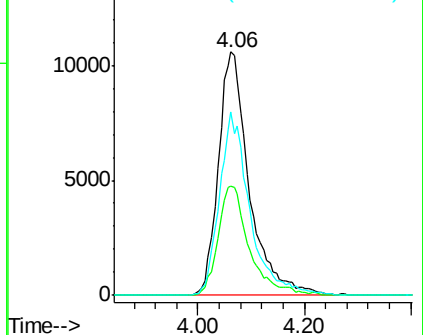
151 74.4 60.3 90.5



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: 21.064 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW015796.D

Acq: 07 Jul 2020 17:42

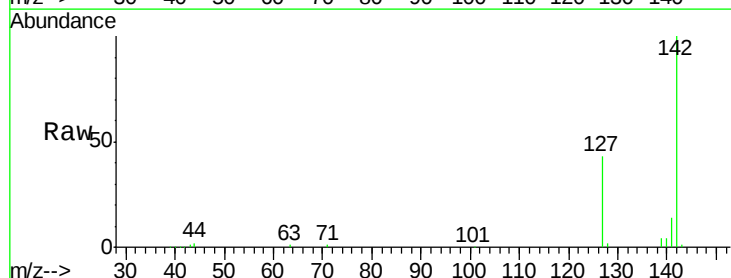
Tgt Ion:142 Resp: 58488

Ion Ratio Lower Upper

142 100

127 44.9 36.1 54.1

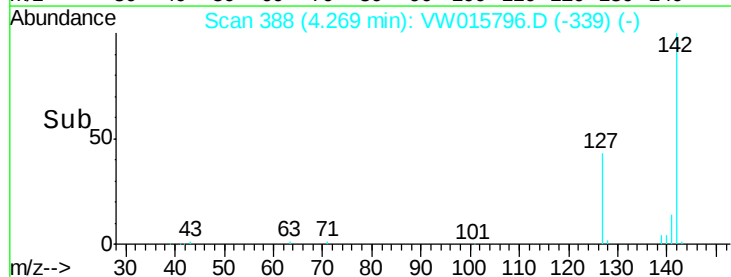
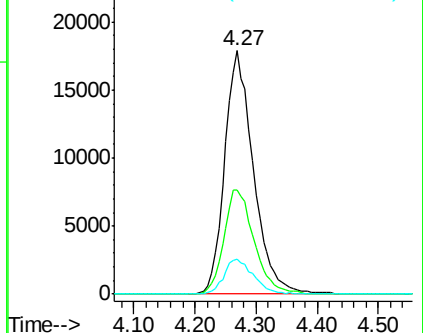
141 14.6 11.7 17.5

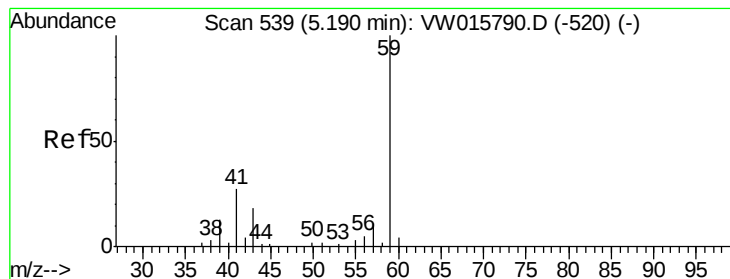


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



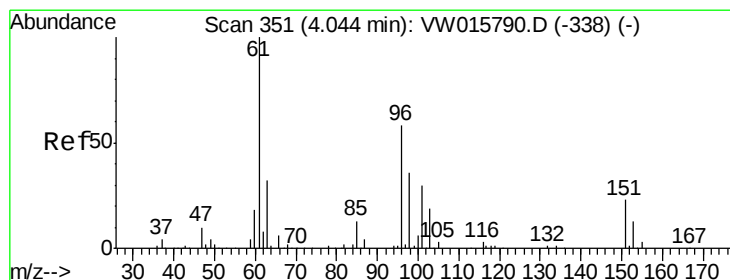
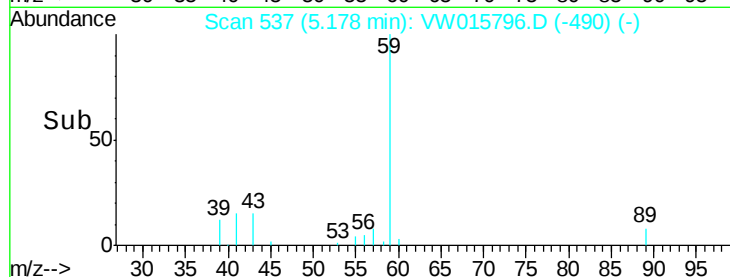
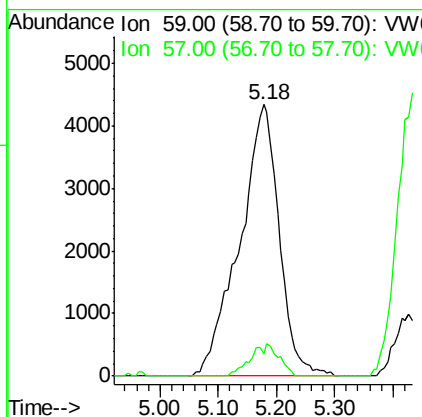
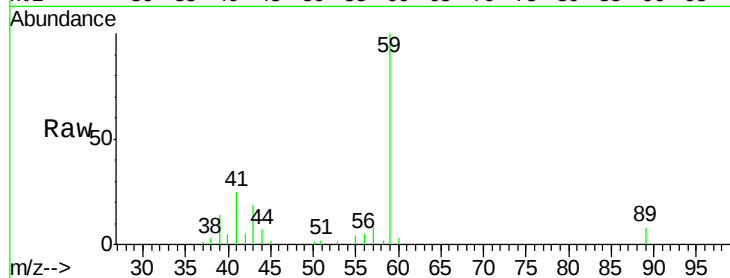


#11

Tert butyl alcohol
 Concen: 176.416 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. -0.01 min
 Lab File: VW015796.D
 Acq: 07 Jul 2020 17:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0707SBS01

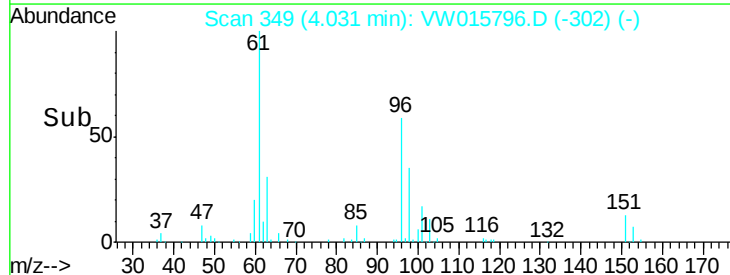
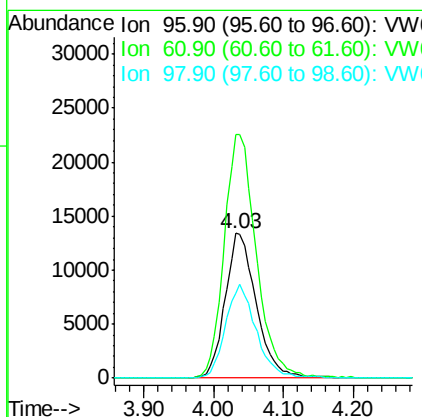
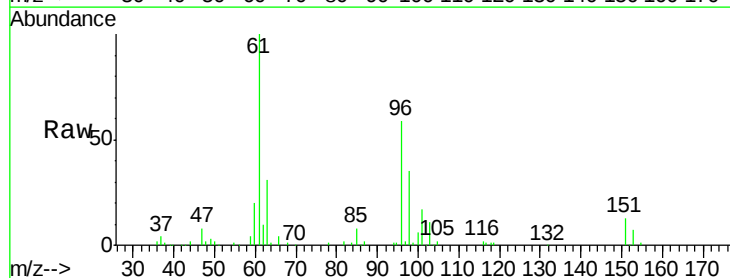
Tot Ion: 59 Resp: 20468
 Ion Ratio Lower Upper
 59 100
 57 4.3 8.7 13.1#

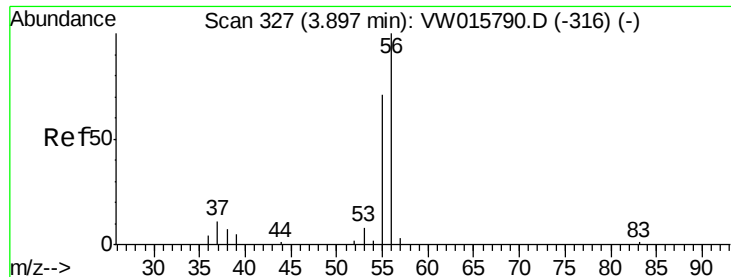


#12

1,1-Dichloroethene
 Concen: 21.328 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW015796.D
 Acq: 07 Jul 2020 17:42

Tgt Ion: 96 Resp: 41643
 Ion Ratio Lower Upper
 96 100
 61 168.2 137.0 205.4
 98 58.8 49.3 73.9

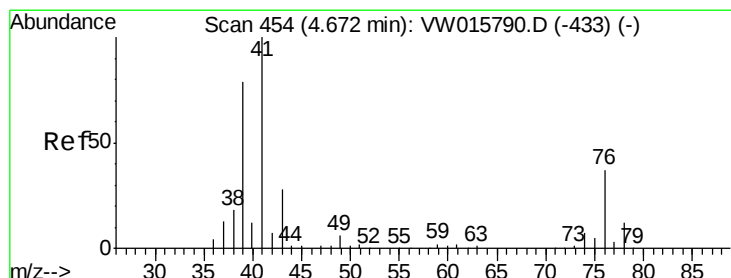
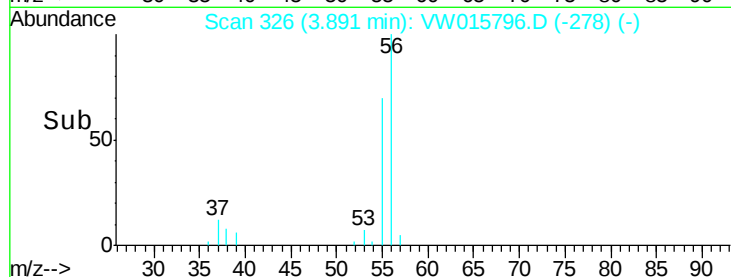
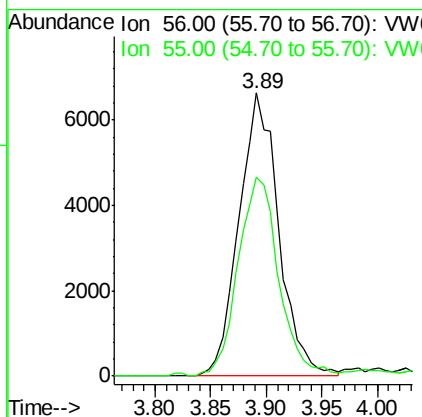
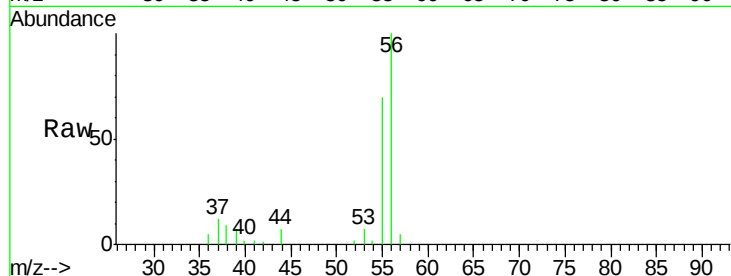




#13
Acrolein
Concen: 107.842 ug/l
RT: 3.89 min Scan# 326
Delta R.T. -0.01 min
Lab File: VW015796.D
Acq: 07 Jul 2020 17:42

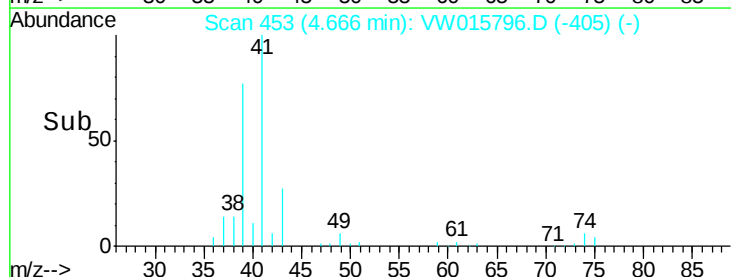
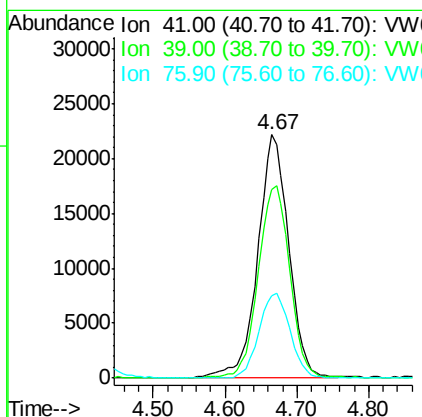
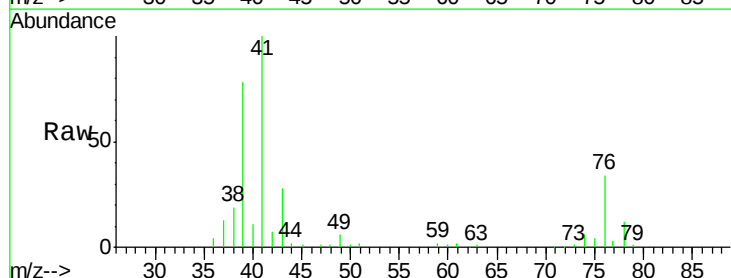
Instrument :
MSVOA_W
ClientSampleId :
VW0707SBS01

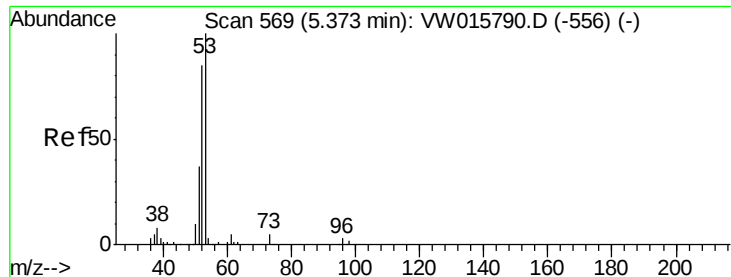
Tot Ion: 56 Resp: 16467
Ion Ratio Lower Upper
56 100
55 71.7 55.8 83.6



#14
Allyl chloride
Concen: 20.911 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW015796.D
Acq: 07 Jul 2020 17:42

Tgt Ion: 41 Resp: 66360
Ion Ratio Lower Upper
41 100
39 80.8 64.0 96.0
76 34.7 28.9 43.3





#15

Acrylonitrile

Concen: 110.750 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW015796.D

Acq: 07 Jul 2020 17:42

Instrument :

MSVOA_W

ClientSampleId :

VW0707SBSD01

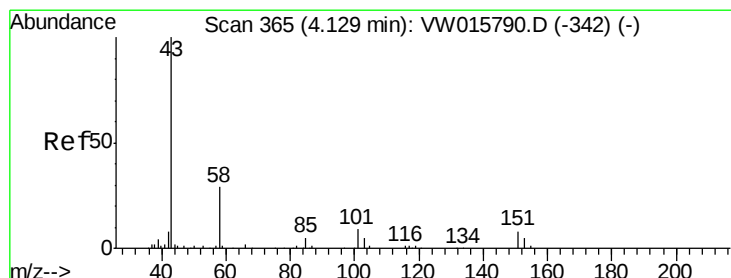
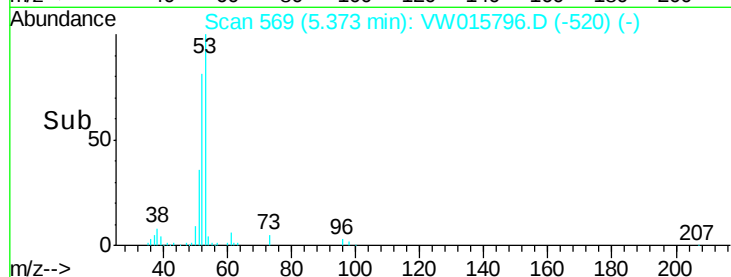
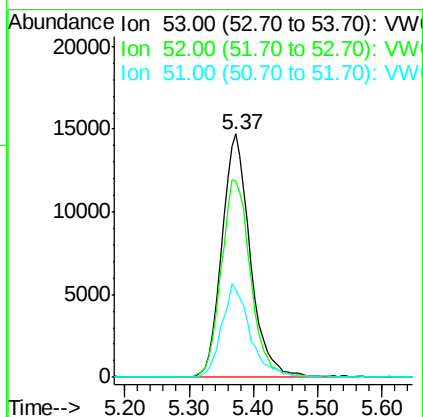
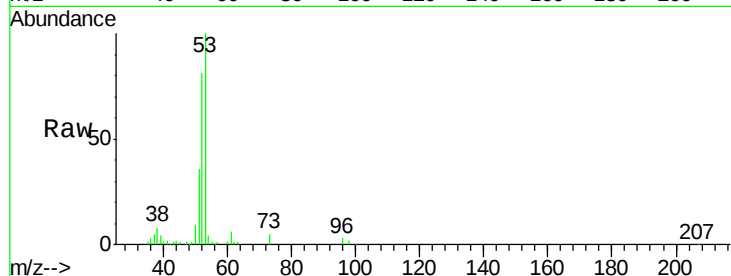
Tot Ion: 53 Resp: 45771

Ion Ratio Lower Upper

53 100

52 84.0 65.8 98.8

51 38.4 30.2 45.2



#16

Acetone

Concen: 114.429 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW015796.D

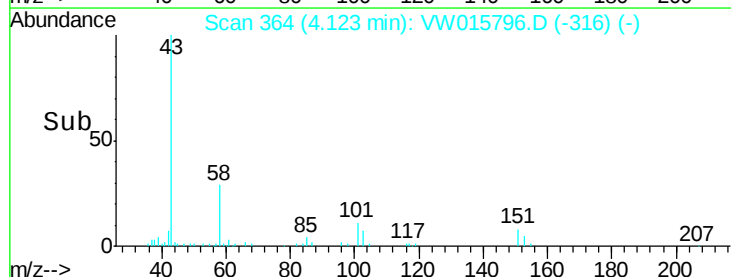
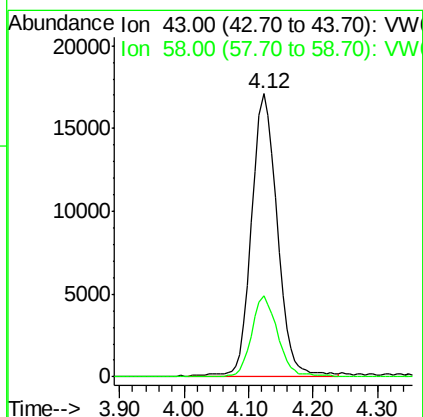
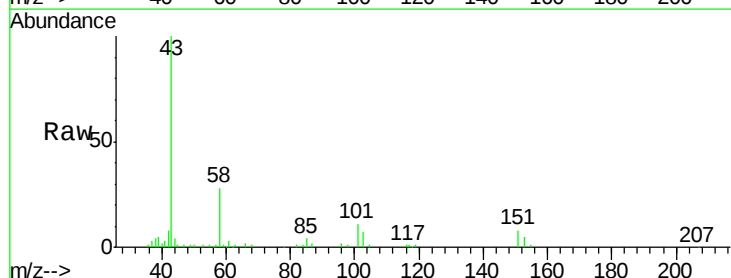
Acq: 07 Jul 2020 17:42

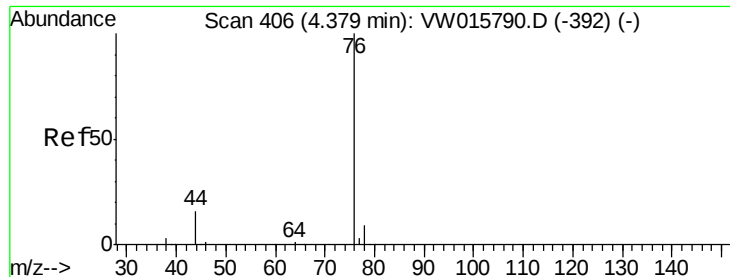
Tgt Ion: 43 Resp: 47128

Ion Ratio Lower Upper

43 100

58 28.4 23.5 35.3

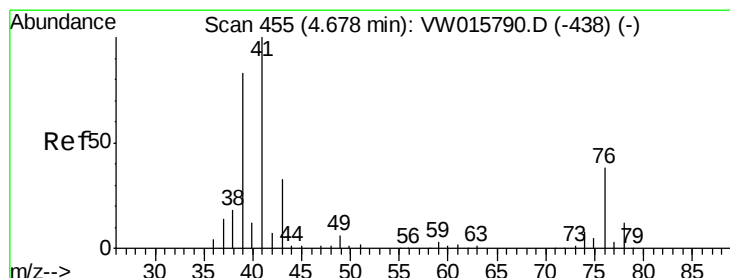
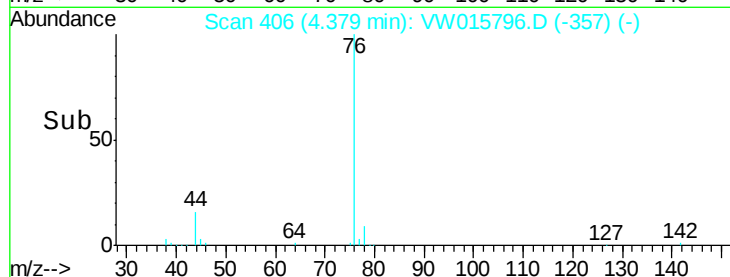
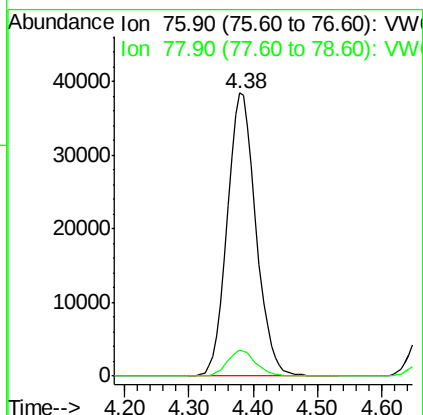
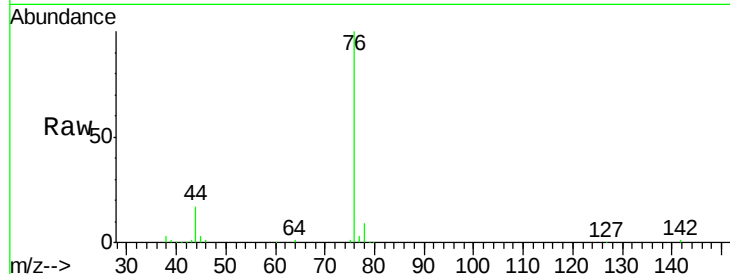




#17
Carbon Disulfide
Concen: 20.727 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW015796.D
Acq: 07 Jul 2020 17:42

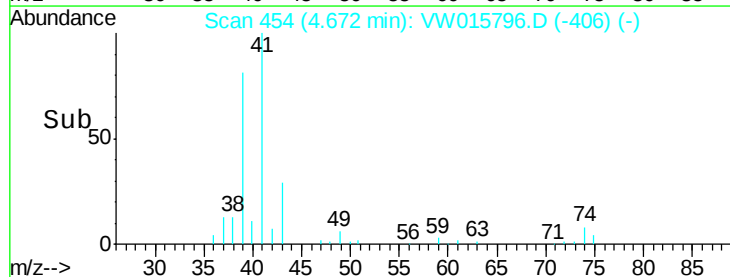
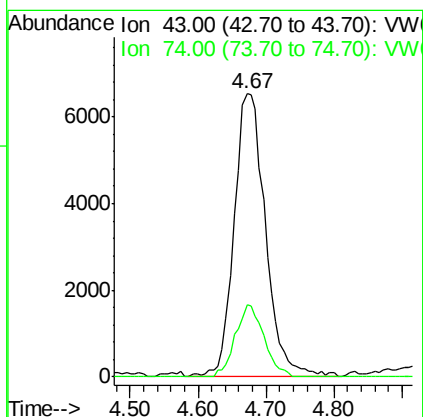
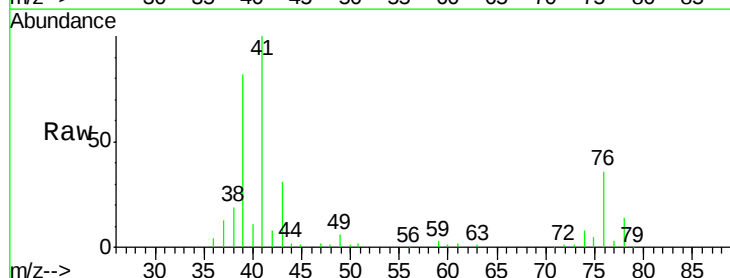
Instrument :
MSVOA_W
ClientSampleId :
VW0707SBSD01

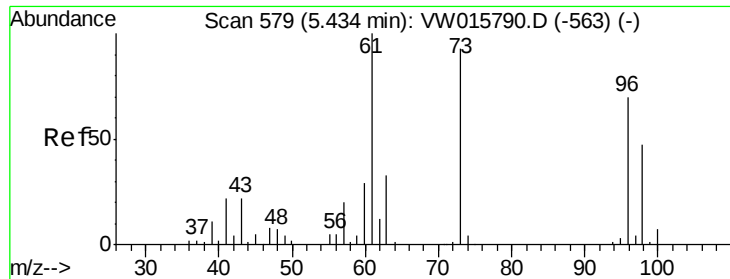
Tot Ion: 76 Resp: 120386
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 22.416 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW015796.D
Acq: 07 Jul 2020 17:42

Tgt Ion: 43 Resp: 21010
Ion Ratio Lower Upper
43 100
74 23.0 19.2 28.8

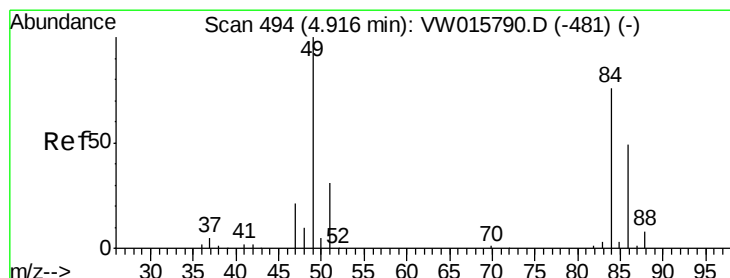
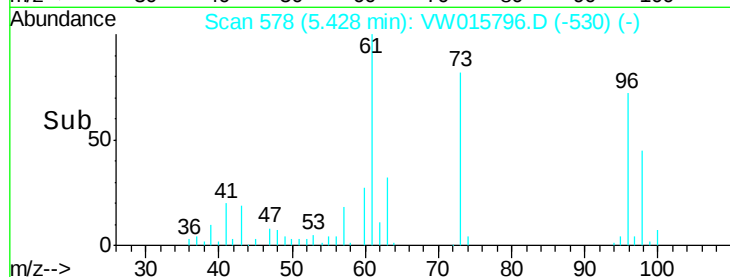
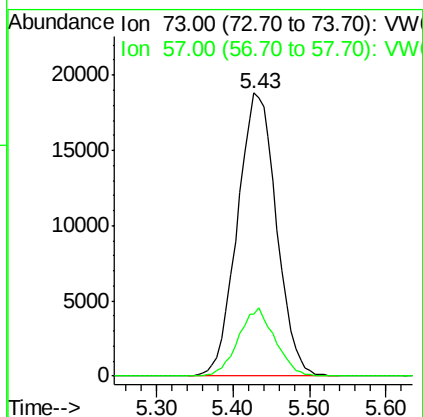
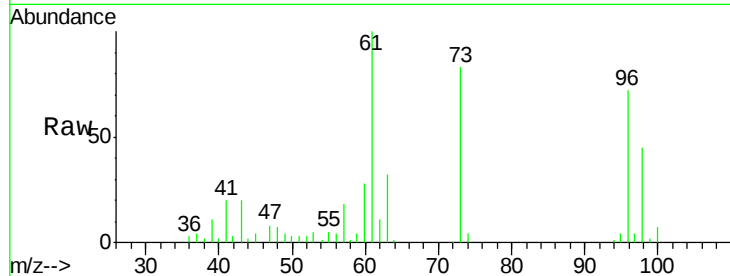




#19
Methyl tert-butyl Ether
Concen: 22.781 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW015796.D
Acq: 07 Jul 2020 17:42

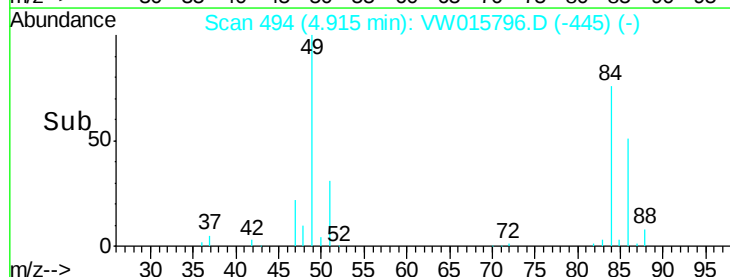
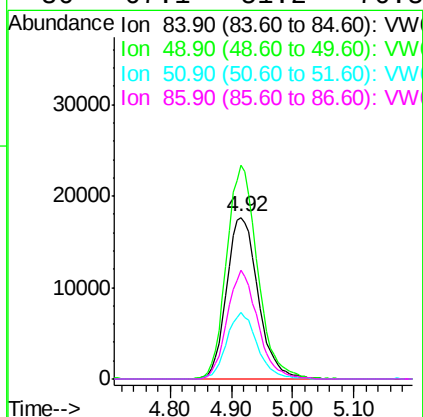
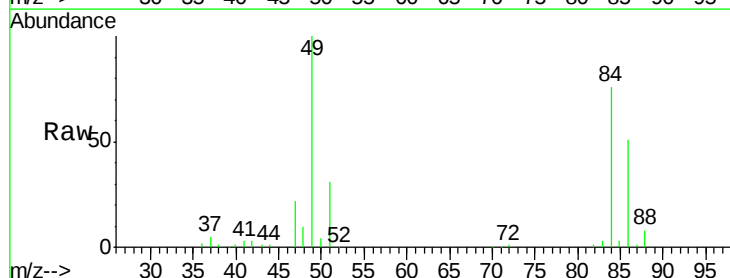
Instrument :
MSVOA_W
ClientSampleId :
VW0707SBS01

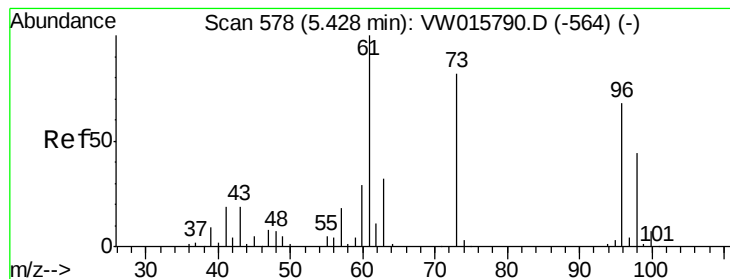
Tot Ion: 73 Resp: 66574
Ion Ratio Lower Upper
73 100
57 22.0 16.8 25.2



#20
Methylene Chloride
Concen: 27.733 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW015796.D
Acq: 07 Jul 2020 17:42

Tgt Ion: 84 Resp: 62967
Ion Ratio Lower Upper
84 100
49 132.1 105.0 157.6
51 41.0 32.3 48.5
86 67.1 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 21.092 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.00 min

Lab File: VW015796.D

Acq: 07 Jul 2020 17:42

Instrument :

MSVOA_W

ClientSampleId :

VW0707SBS01

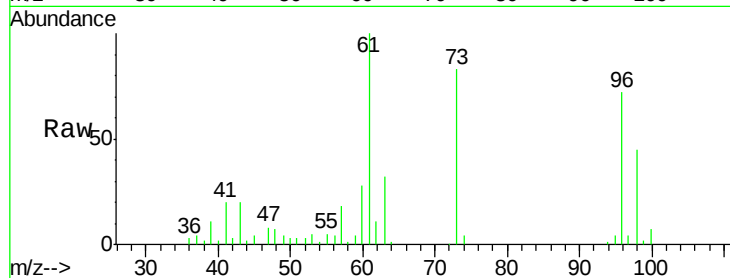
Tot Ion: 96 Resp: 47701

Ion Ratio Lower Upper

96 100

61 138.7 118.1 177.1

98 62.1 52.6 78.8

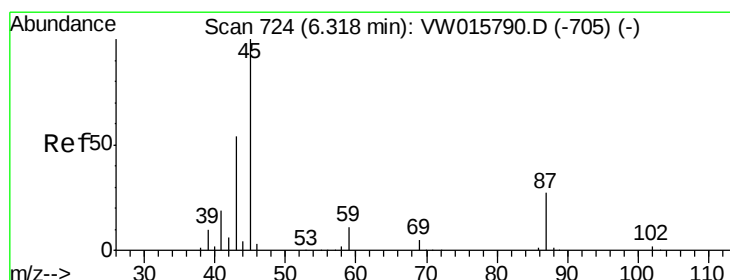
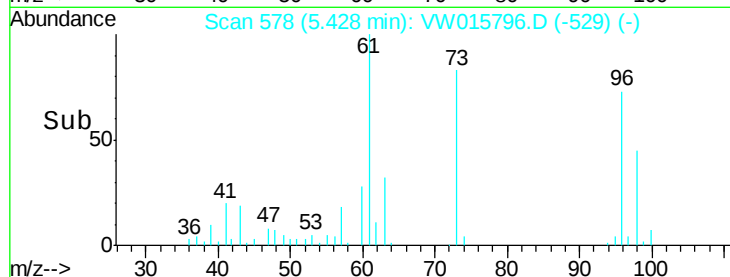
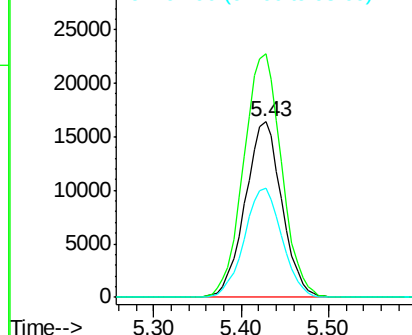


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 21.235 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW015796.D

Acq: 07 Jul 2020 17:42

Tgt Ion: 45 Resp: 135803

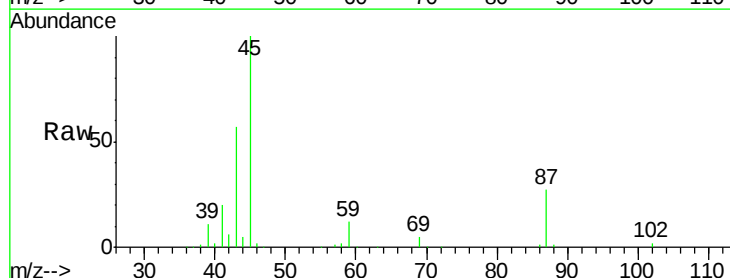
Ion Ratio Lower Upper

45 100

43 56.4 43.8 65.6

87 26.6 22.1 33.1

59 12.3 8.9 13.3



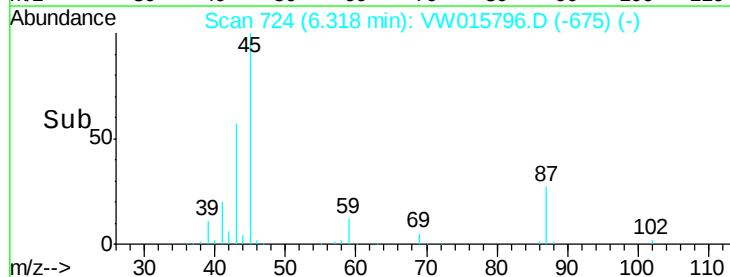
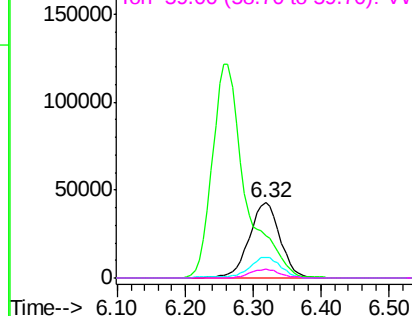
Abundance

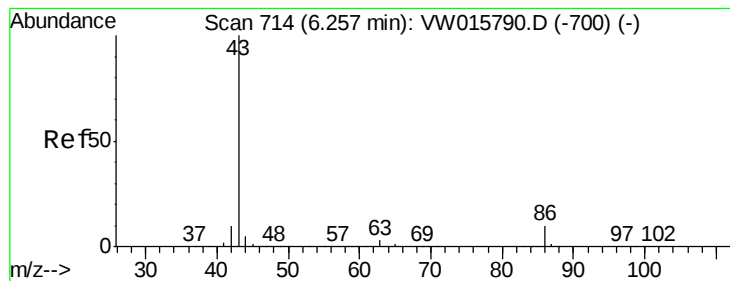
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 107.953 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.01 min

Lab File: VW015796.D

Acq: 07 Jul 2020 17:42

Instrument :

MSVOA_W

ClientSampleID :

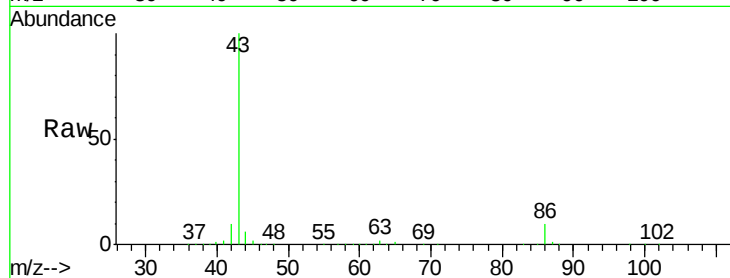
VW0707SBS01

Tot Ion: 43 Resp: 410630

Ion Ratio Lower Upper

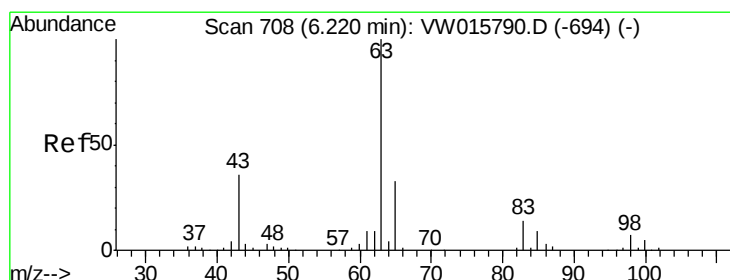
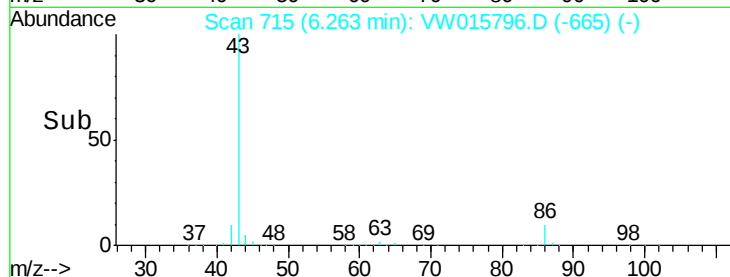
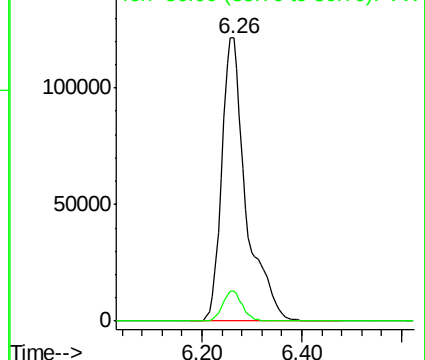
43 100

86 10.4 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 20.802 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW015796.D

Acq: 07 Jul 2020 17:42

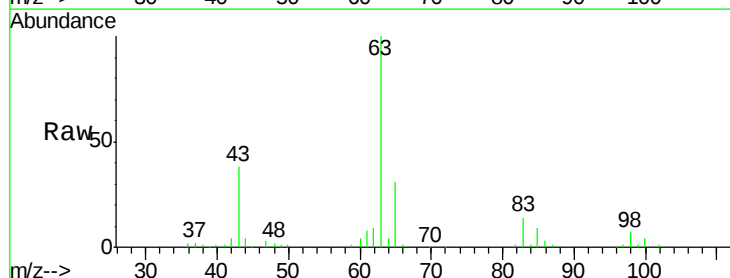
Tgt Ion: 63 Resp: 84227

Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.2

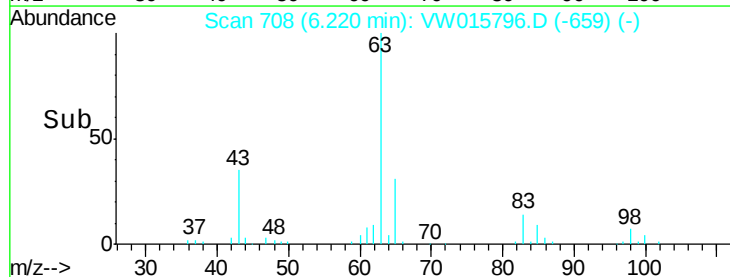
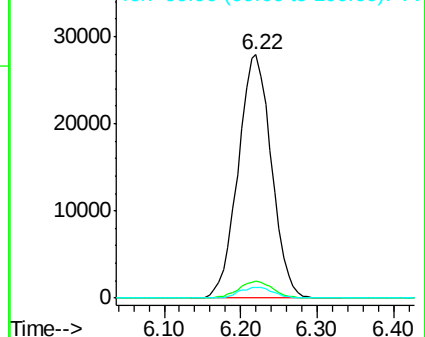
100 4.3 2.4 7.1

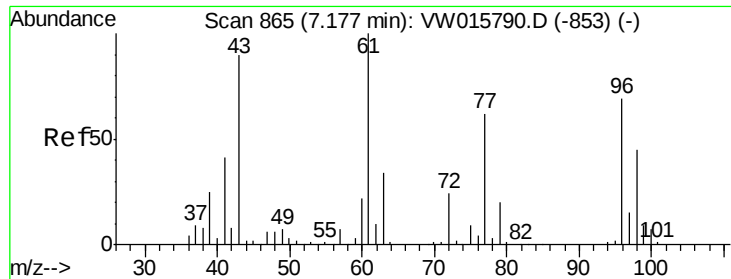


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

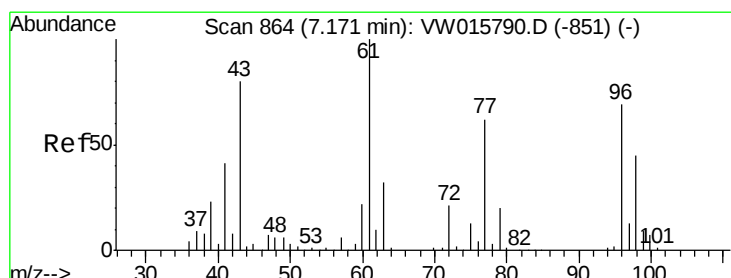
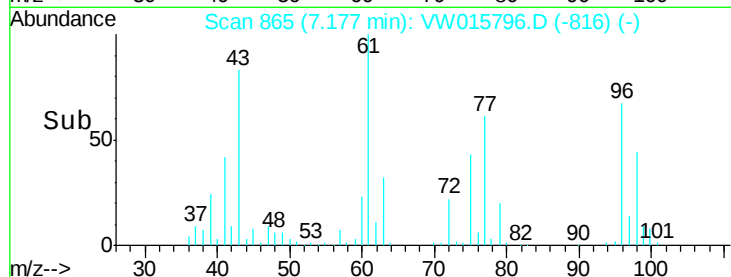
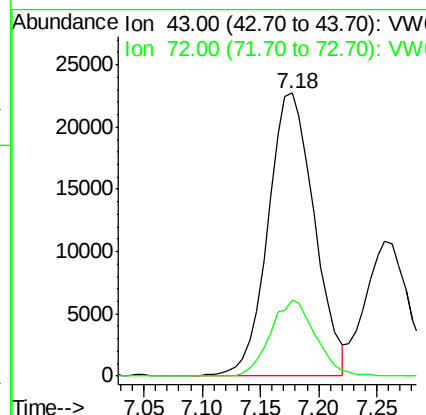
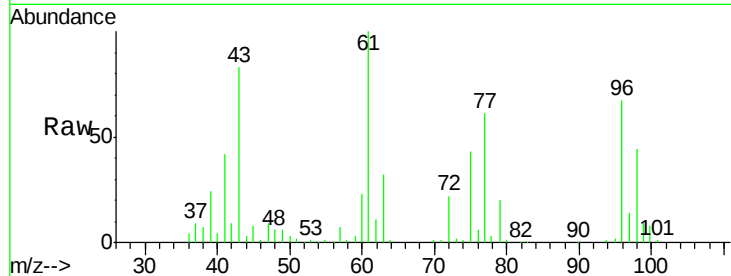




#25
2-Butanone
Concen: 112.187 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW015796.D
Acq: 07 Jul 2020 17:42

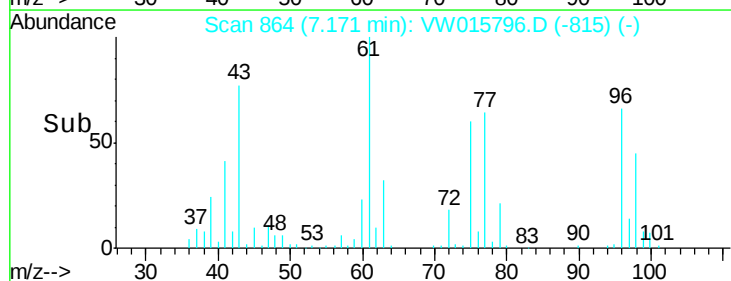
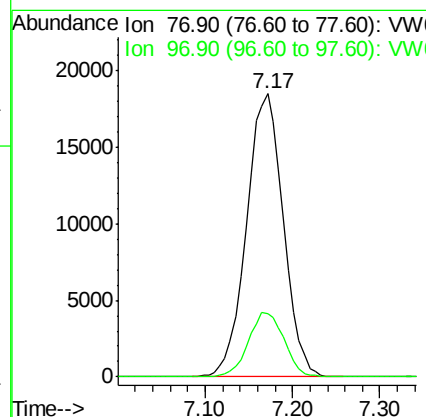
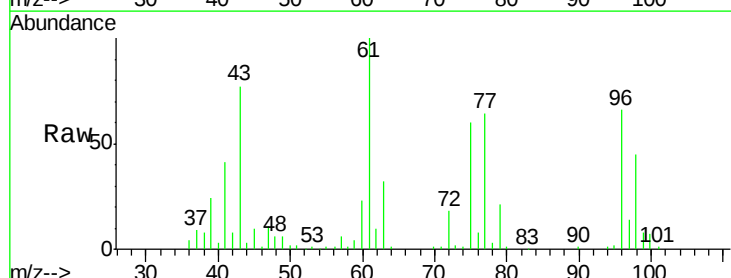
Instrument :
MSVOA_W
ClientSampleId :
VW0707SBS01

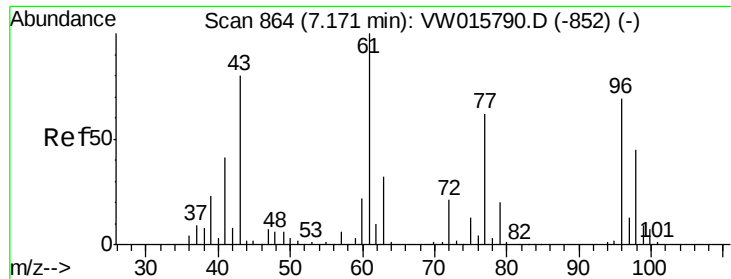
Tot Ion: 43 Resp: 62718
Ion Ratio Lower Upper
43 100
72 26.6 21.3 31.9



#26
2,2-Dichloropropane
Concen: 21.310 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW015796.D
Acq: 07 Jul 2020 17:42

Tgt Ion: 77 Resp: 54130
Ion Ratio Lower Upper
77 100
97 22.1 11.0 33.0



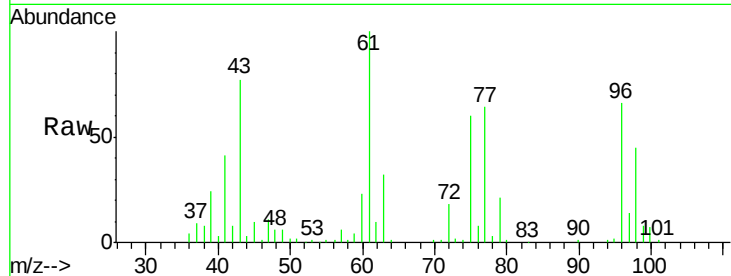


#27

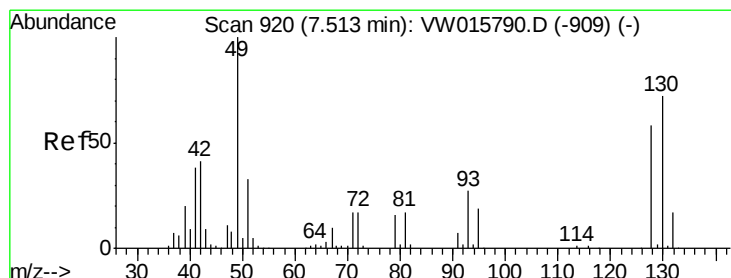
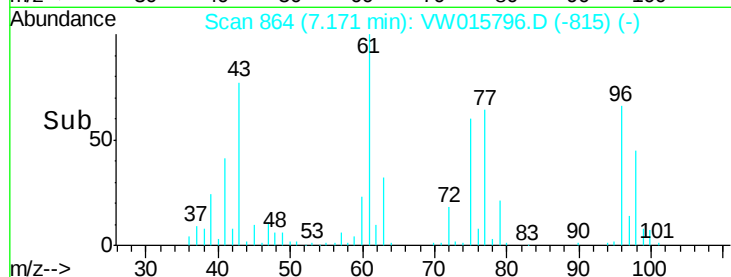
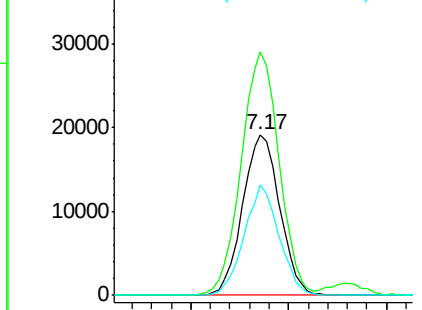
cis-1,2-Dichloroethene
Concen: 20.775 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW015796.D
Acq: 07 Jul 2020 17:42

Instrument :
MSVOA_W
ClientSampleId :
VW0707SBSD01

Tot Ion	96	Resp	50449
Ion	Ratio	Lower	Upper
96	100		
61	154.1	0.0	292.2
98	64.5	0.0	129.0



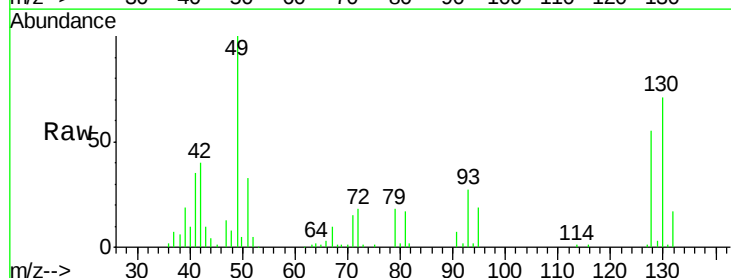
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



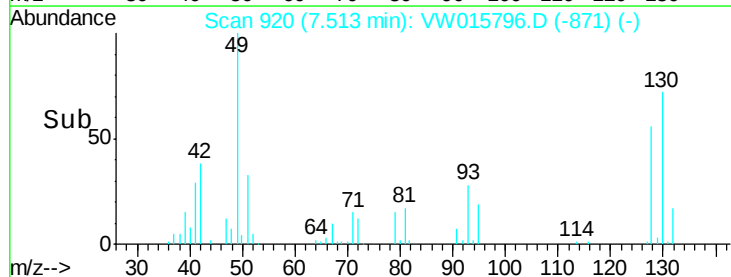
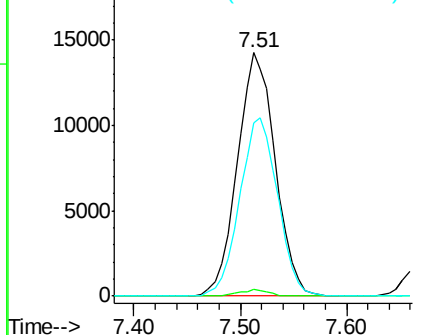
#28

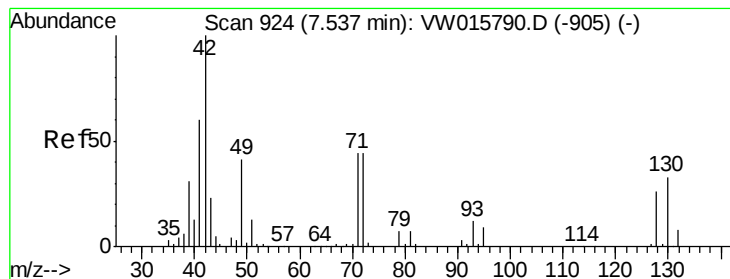
Bromochloromethane
Concen: 22.175 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW015796.D
Acq: 07 Jul 2020 17:42

Tgt Ion	49	Resp	35595
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	2.6
130	73.4	59.5	89.3



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





#29

Tetrahydrofuran

Concen: 113.077 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.00 min

Lab File: VW015796.D

Acq: 07 Jul 2020 17:42

Instrument :

MSVOA_W

ClientSampleId :

VW0707SBS01

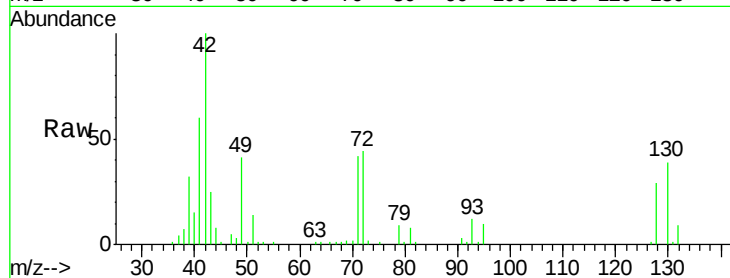
Tot Ion: 42 Resp: 38361

Ion Ratio Lower Upper

42 100

72 43.0 34.6 51.8

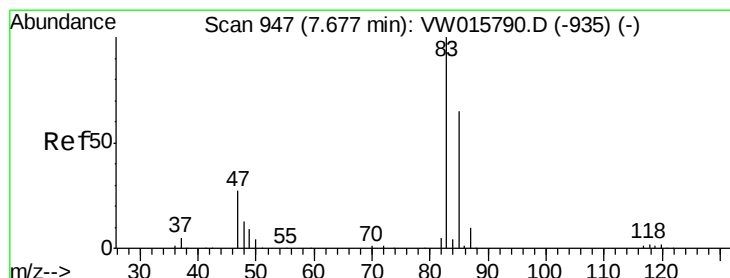
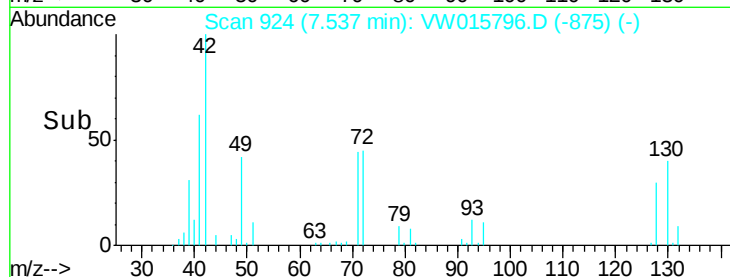
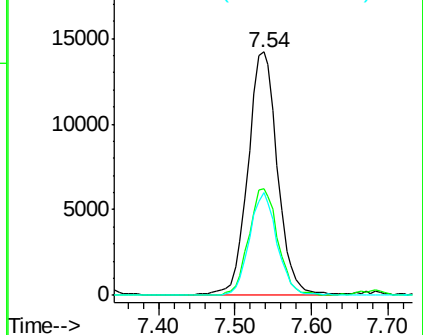
71 39.5 32.8 49.2



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 20.981 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.00 min

Lab File: VW015796.D

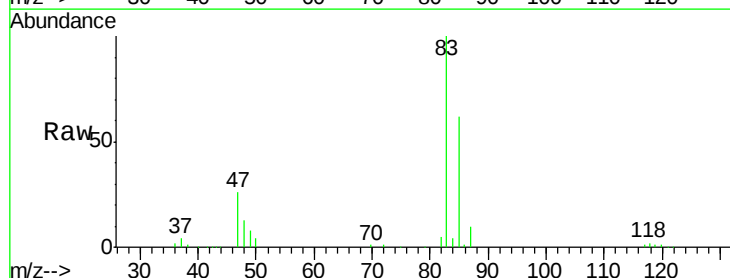
Acq: 07 Jul 2020 17:42

Tgt Ion: 83 Resp: 86842

Ion Ratio Lower Upper

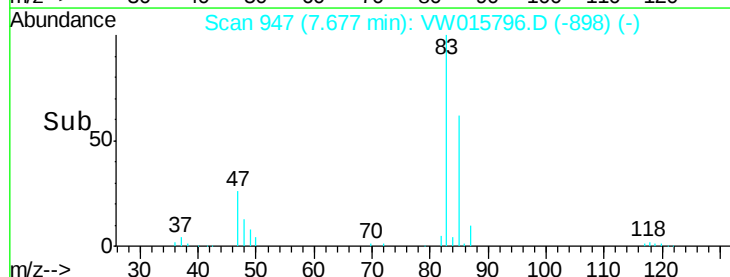
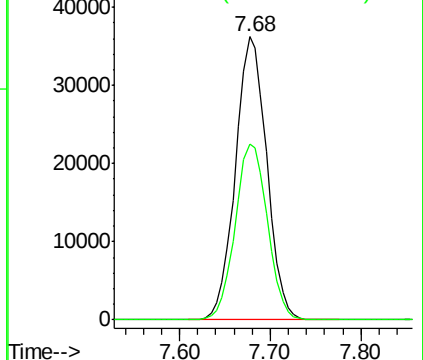
83 100

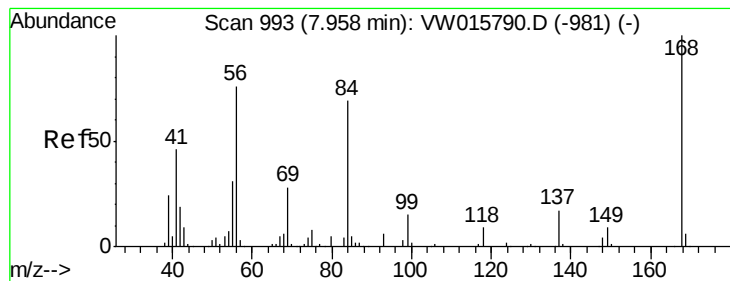
85 62.3 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 21.011 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW015796.D

Acq: 07 Jul 2020 17:42

Instrument :

MSVOA_W

ClientSampleId :

VW0707SBS01

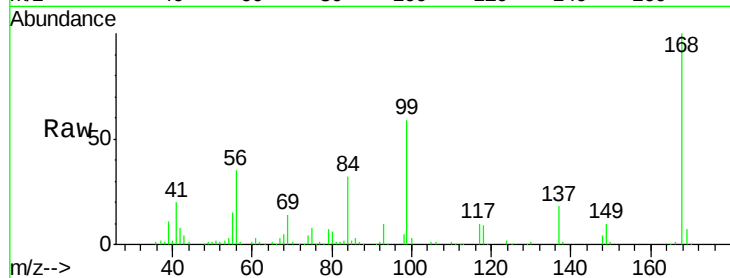
Tot Ion: 56 Resp: 80066

Ion Ratio Lower Upper

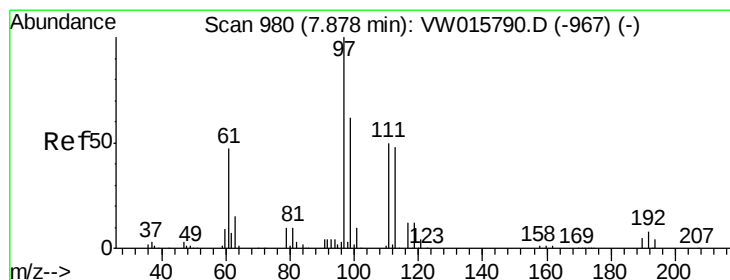
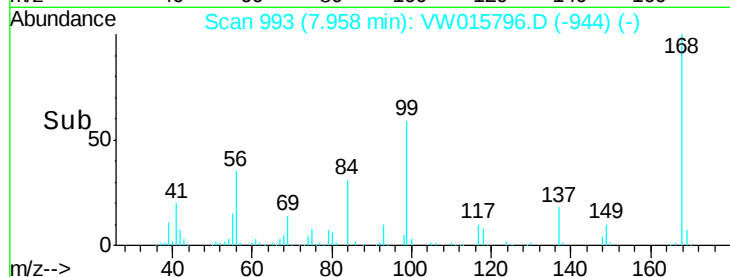
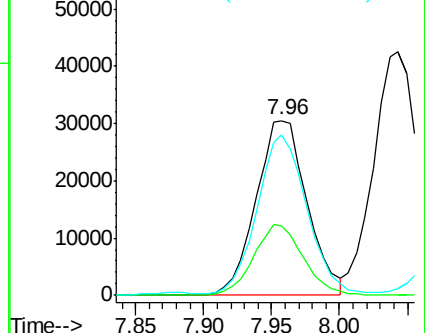
56 100

69 39.6 28.9 43.3

84 90.4 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: 20.986 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.01 min

Lab File: VW015796.D

Acq: 07 Jul 2020 17:42

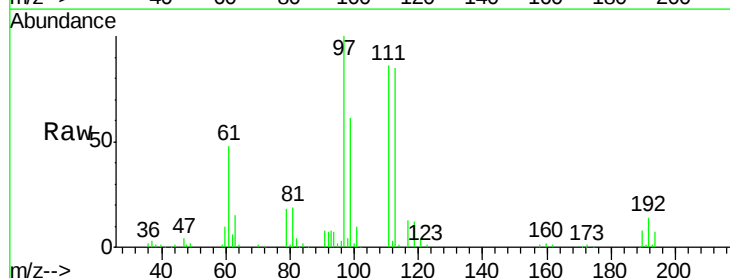
Tgt Ion: 97 Resp: 72837

Ion Ratio Lower Upper

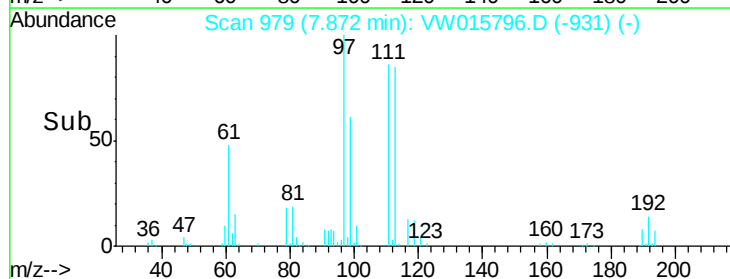
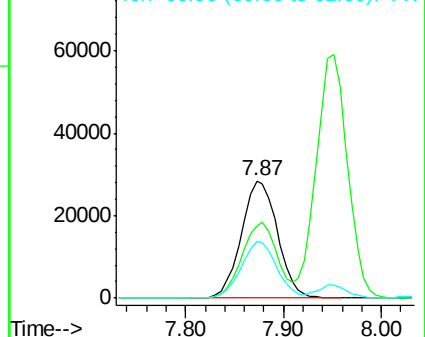
97 100

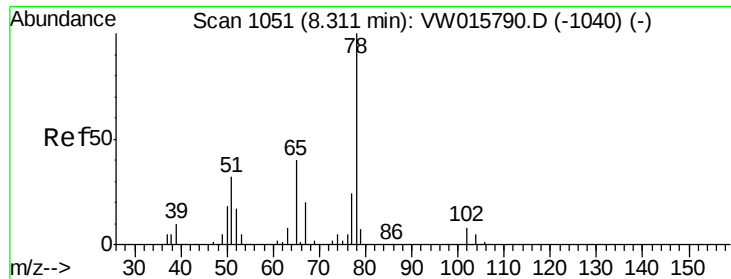
99 62.9 51.0 76.4

61 48.0 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: 48.490 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW015796.D

Acq: 07 Jul 2020 17:42

Instrument :

MSVOA_W

ClientSampleId :

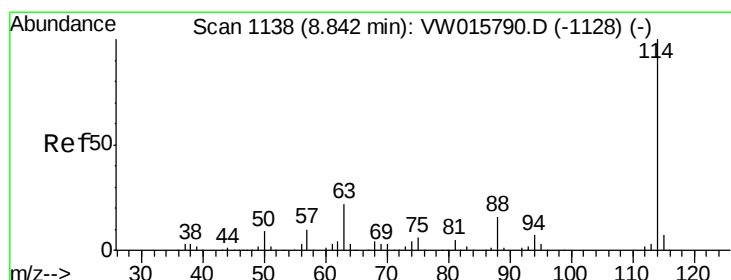
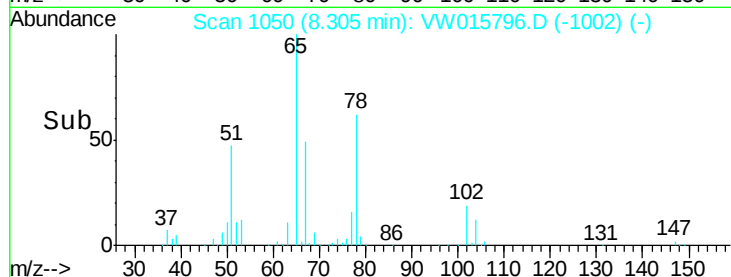
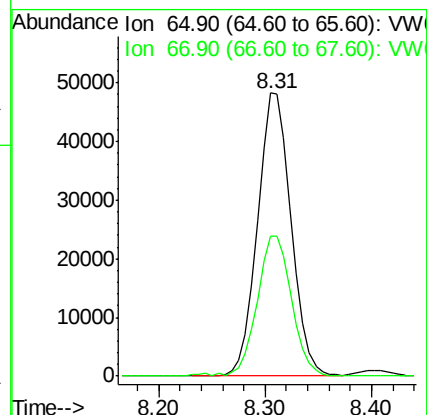
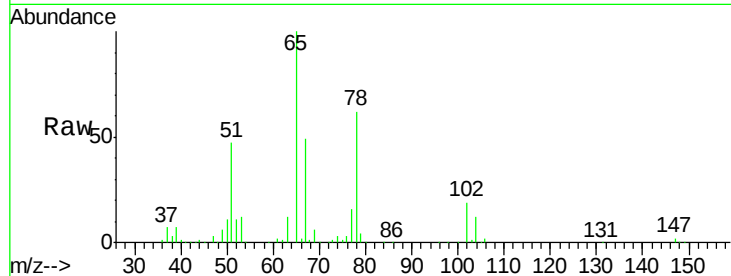
VW0707SBS01

Tot Ion: 65 Resp: 106734

Ion Ratio Lower Upper

65 100

67 50.7 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW015796.D

Acq: 07 Jul 2020 17:42

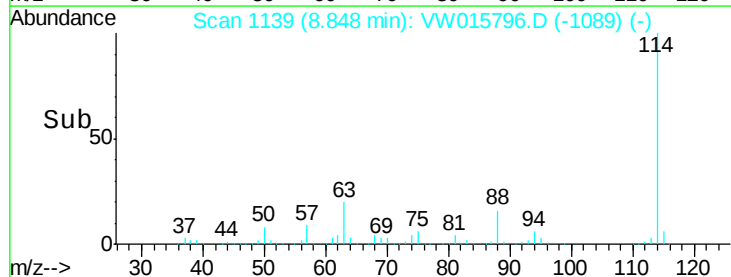
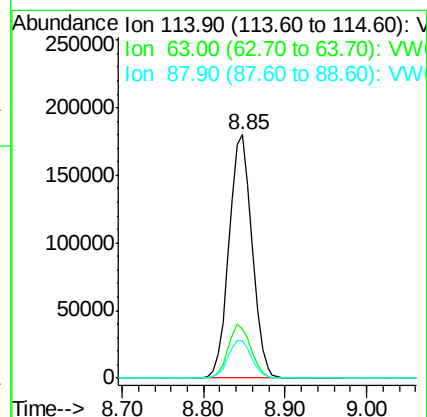
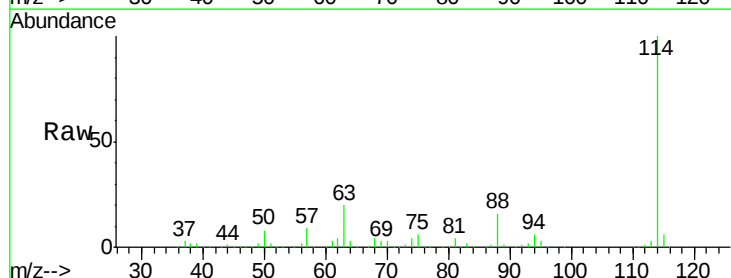
Tgt Ion: 114 Resp: 348119

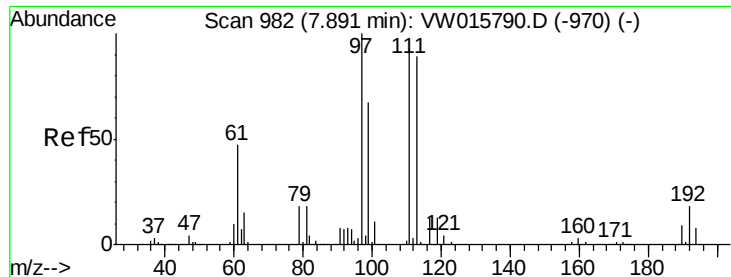
Ion Ratio Lower Upper

114 100

63 20.3 0.0 44.4

88 15.6 0.0 32.6

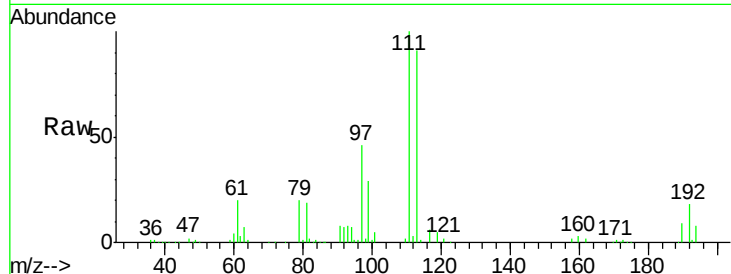




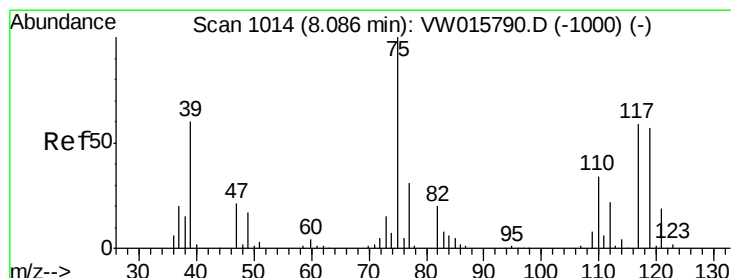
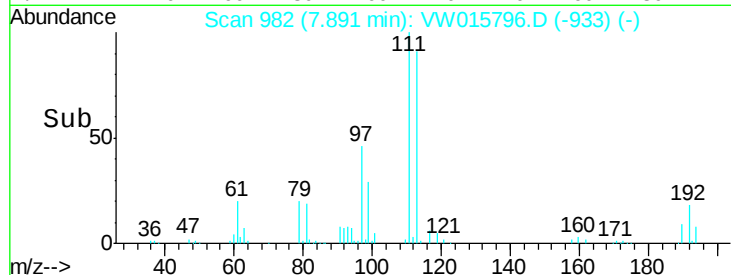
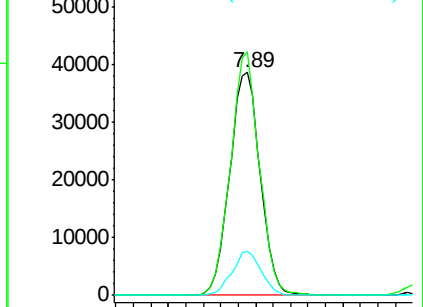
#35
 Dibromofluoromethane
 Concen: 45.993 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW015796.D
 Acq: 07 Jul 2020 17:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0707SBS01

Tot Ion:113 Resp: 93412
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.8 124.2
 192 19.0 15.4 23.2

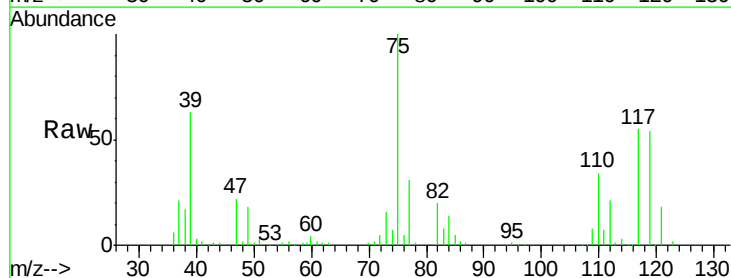


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

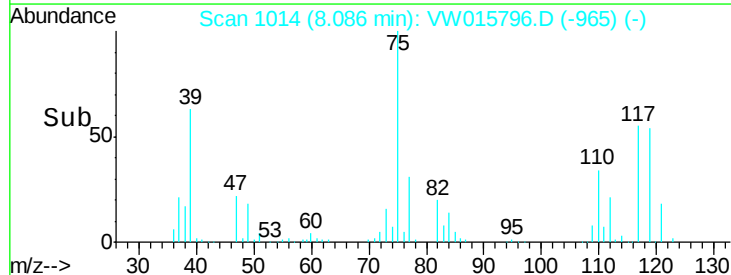
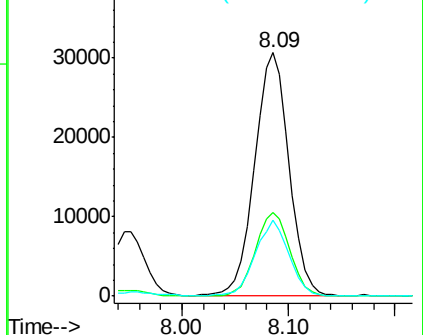


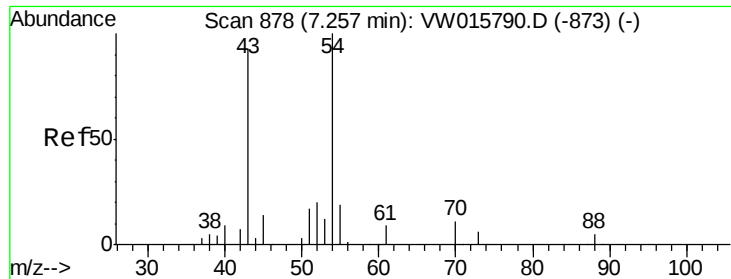
#36
 1,1-Dichloropropene
 Concen: 20.250 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW015796.D
 Acq: 07 Jul 2020 17:42

Tgt Ion: 75 Resp: 69489
 Ion Ratio Lower Upper
 75 100
 110 34.1 16.8 50.3
 77 30.4 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

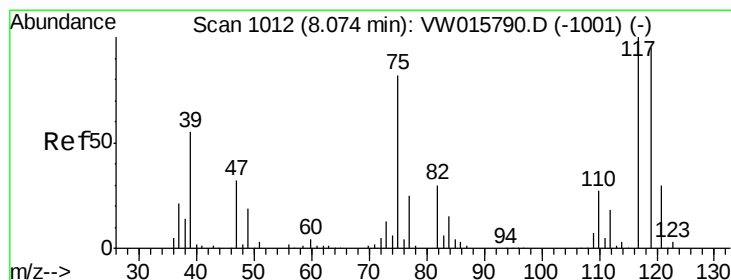
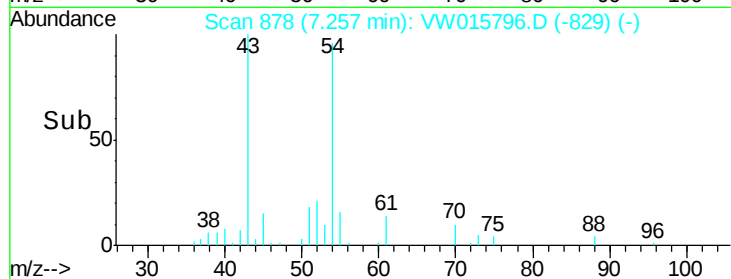
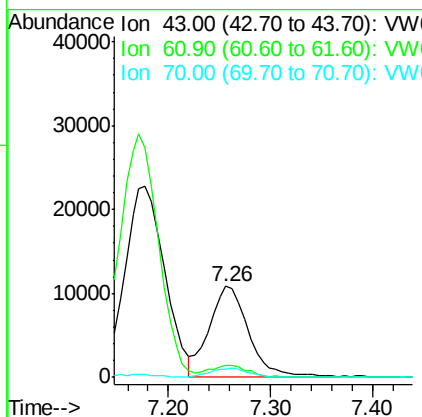
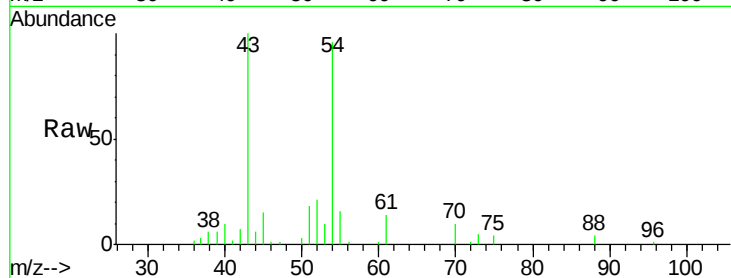




#37
Ethyl Acetate
Concen: 21.589 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW015796.D
Acq: 07 Jul 2020 17:42

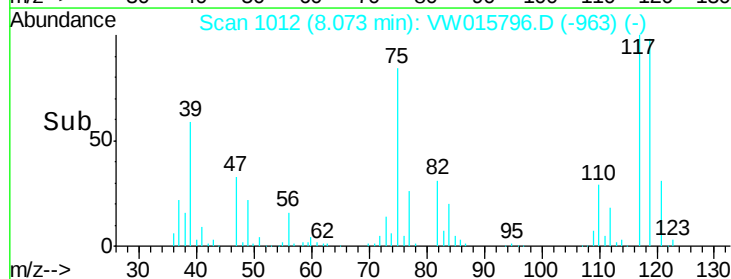
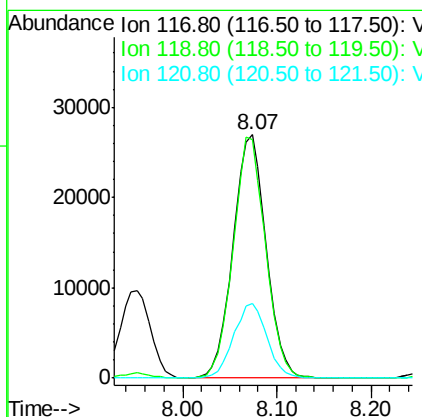
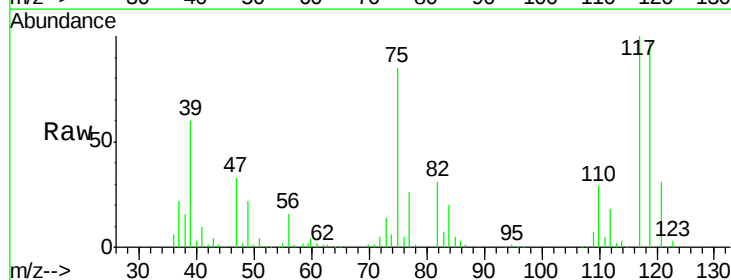
Instrument :
MSVOA_W
ClientSampleId :
VW0707SBS01

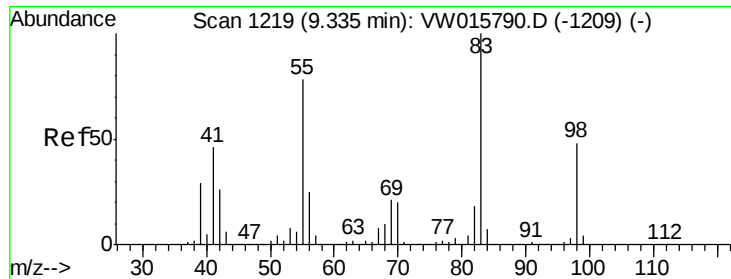
Tot Ion: 43 Resp: 28787
Ion Ratio Lower Upper
43 100
61 13.4 10.4 15.6
70 10.1 8.4 12.6



#38
Carbon Tetrachloride
Concen: 19.887 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW015796.D
Acq: 07 Jul 2020 17:42

Tgt Ion: 117 Resp: 66037
Ion Ratio Lower Upper
117 100
119 97.9 76.3 114.5
121 30.8 24.0 36.0

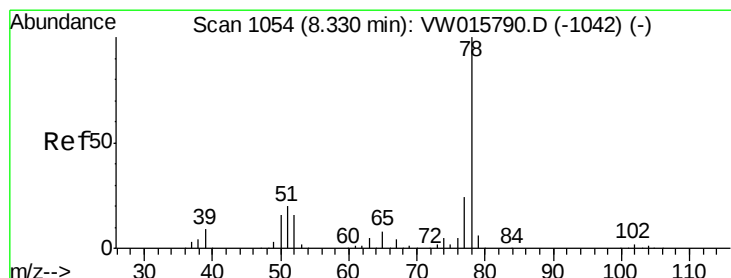
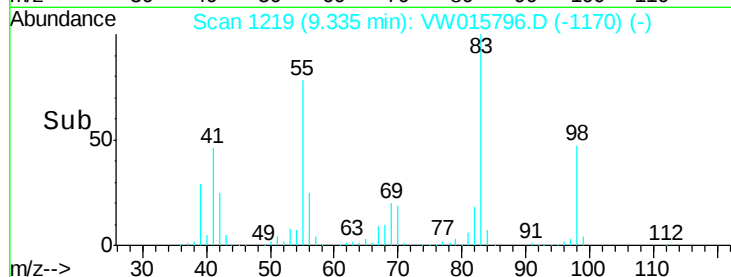
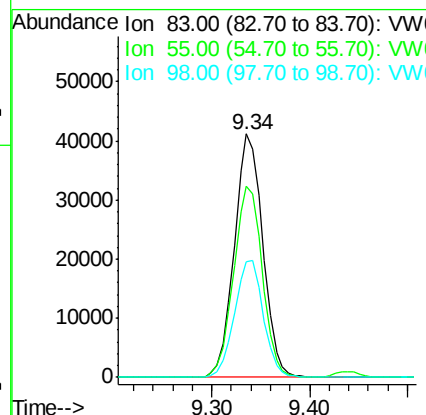
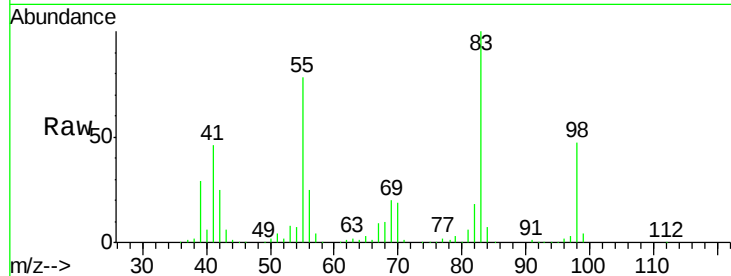




#39
Methvlcvclohexane
Concen: 20.556 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW015796.D
Acq: 07 Jul 2020 17:42

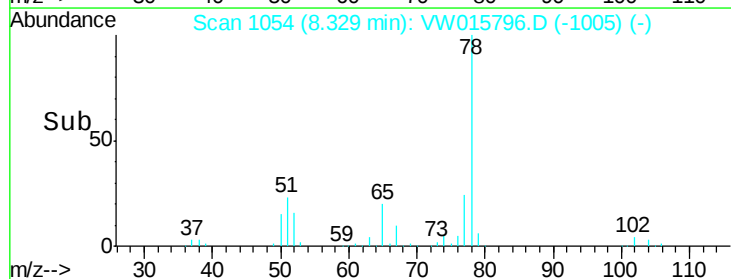
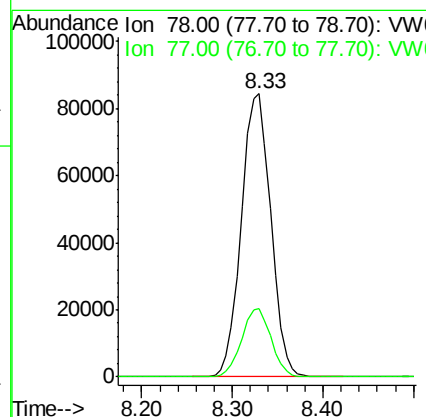
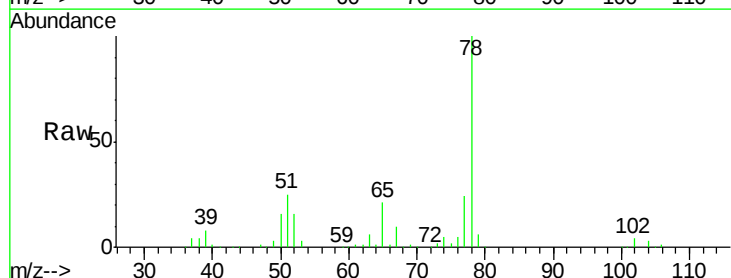
Instrument :
MSVOA_W
ClientSampleId :
VW0707SBS01

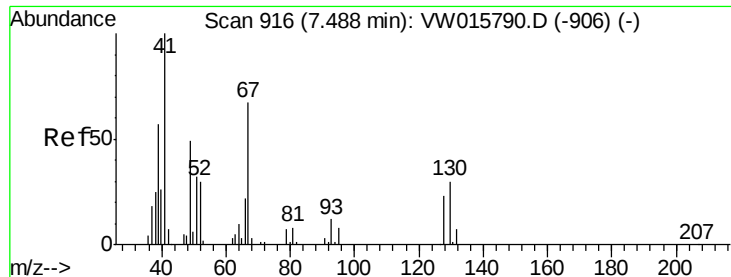
Tot Ion	83	Resp	83239
Ion Ratio	Lower	Upper	
83	100		
55	78.3	62.6	94.0
98	47.2	38.6	58.0



#40
Benzene
Concen: 20.268 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW015796.D
Acq: 07 Jul 2020 17:42

Tgt Ion	78	Resp	190519
Ion Ratio	Lower	Upper	
78	100		
77	24.1	19.0	28.6

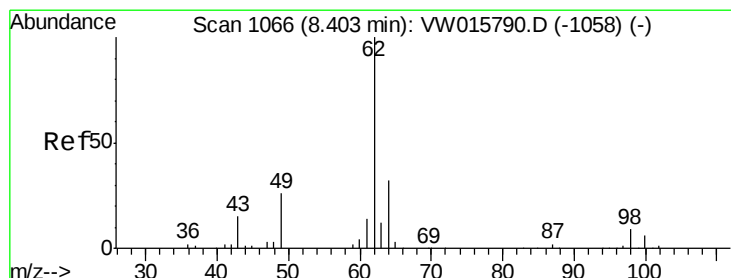
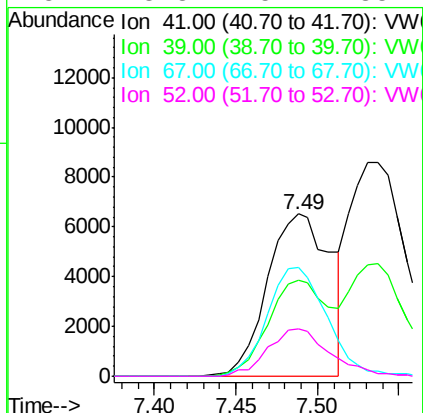
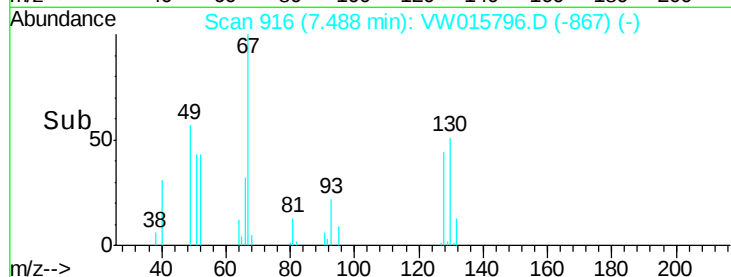
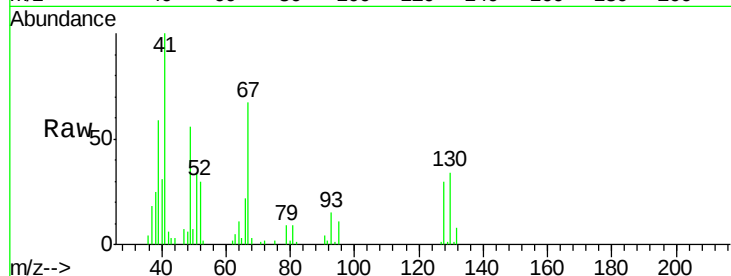




#41
Methacrylonitrile
Concen: 23.174 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW015796.D
Acq: 07 Jul 2020 17:42

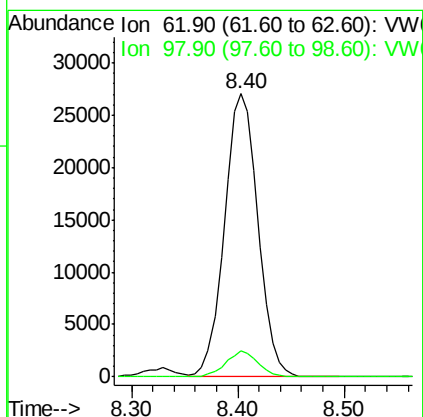
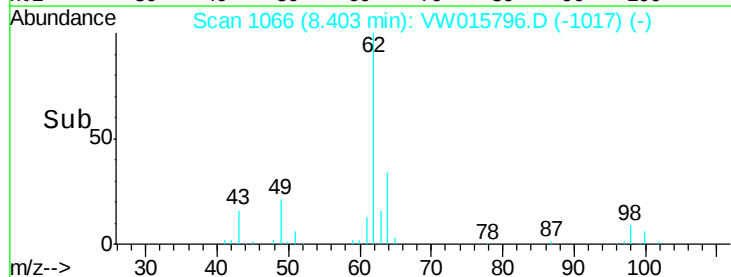
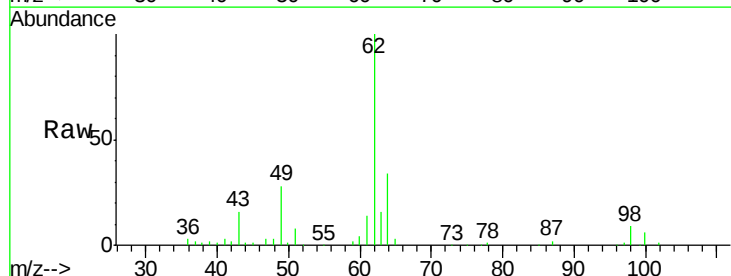
Instrument :
MSVOA_W
ClientSampleId :
VW0707SBS01

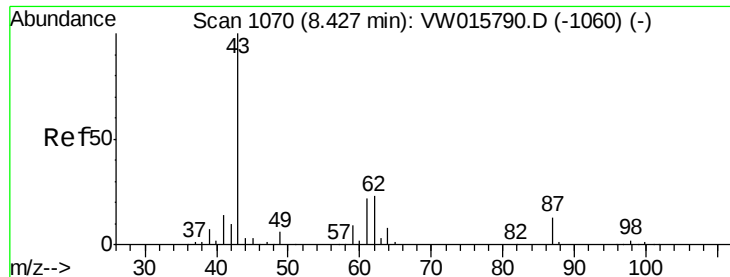
Tot Ion:	41	Resp:	17543
Ion	Ratio	Lower	Upper
41	100		
39	58.1	44.6	66.8
67	63.5	56.4	84.6
52	28.8	25.4	38.2



#42
1,2-Dichloroethane
Concen: 20.323 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW015796.D
Acq: 07 Jul 2020 17:42

Tgt Ion:	62	Resp:	59457
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.2





#43

Isopropyl Acetate

Concen: 21.184 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW015796.D

Acq: 07 Jul 2020 17:42

Instrument :

MSVOA_W

ClientSampleId :

VW0707SBS01

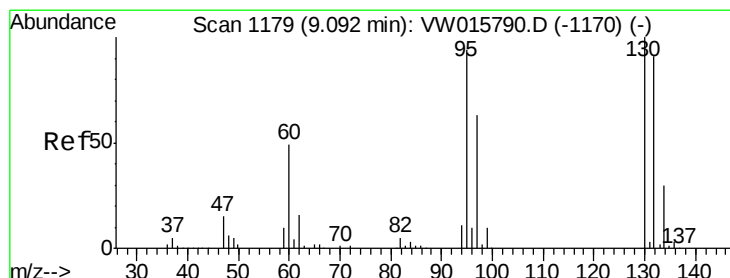
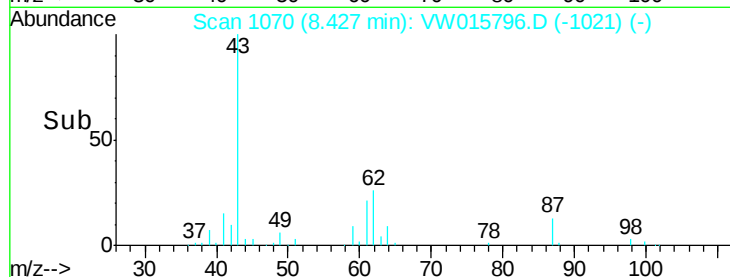
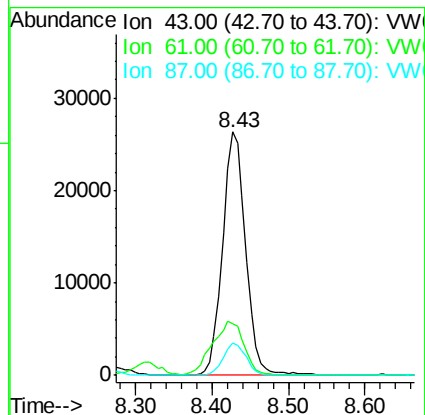
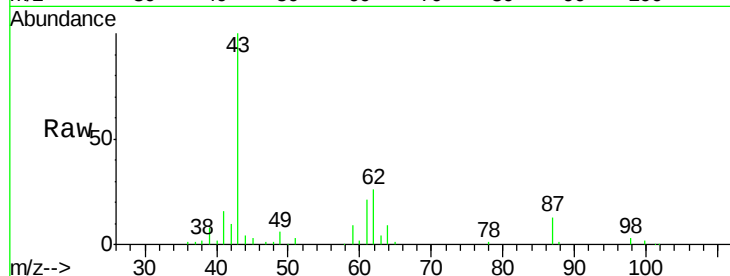
Tot Ion: 43 Resp: 55135

Ion Ratio Lower Upper

43 100

61 30.6 24.8 37.2

87 12.9 10.4 15.6



#44

Trichloroethene

Concen: 20.047 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW015796.D

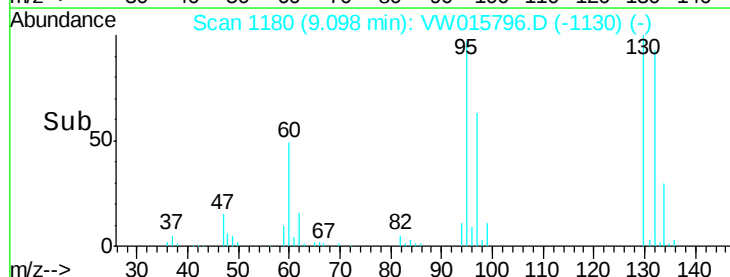
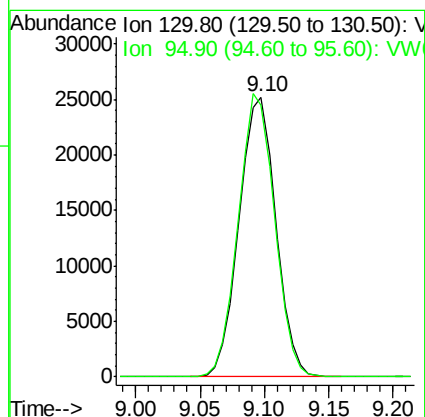
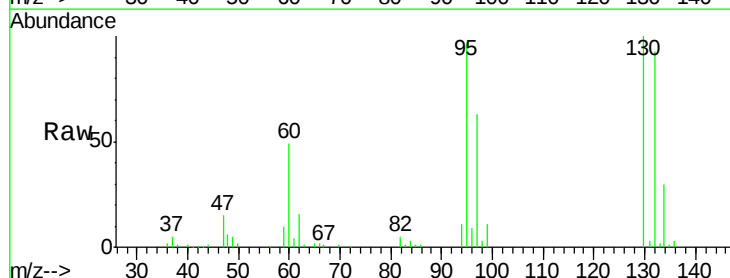
Acq: 07 Jul 2020 17:42

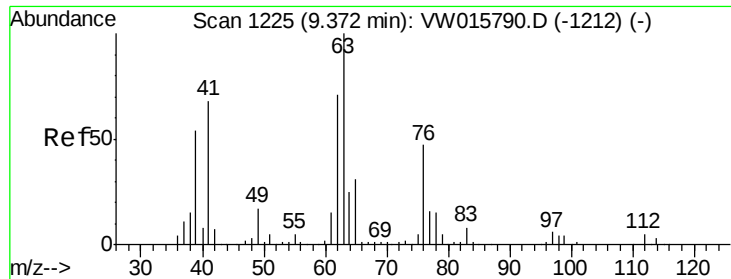
Tgt Ion: 130 Resp: 49844

Ion Ratio Lower Upper

130 100

95 97.1 0.0 188.6





#45

1,2-Dichloropropane

Concen: 20.361 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW015796.D

Acq: 07 Jul 2020 17:42

Instrument :

MSVOA_W

ClientSampleId :

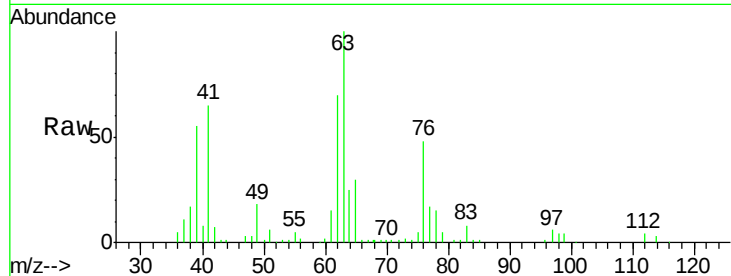
VW0707SBS01

Tot Ion: 63 Resp: 47045

Ion Ratio Lower Upper

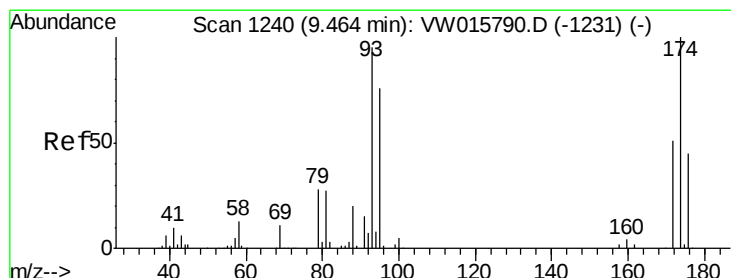
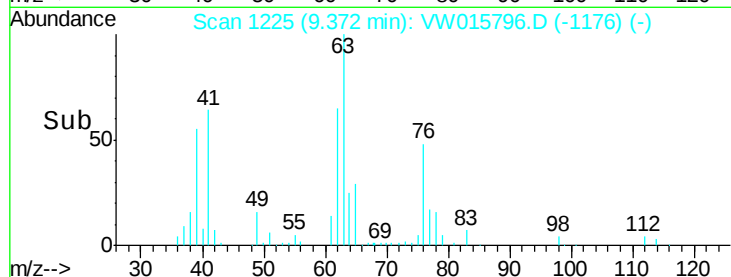
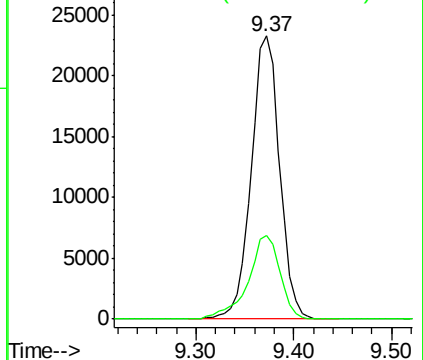
63 100

65 29.7 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 20.287 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW015796.D

Acq: 07 Jul 2020 17:42

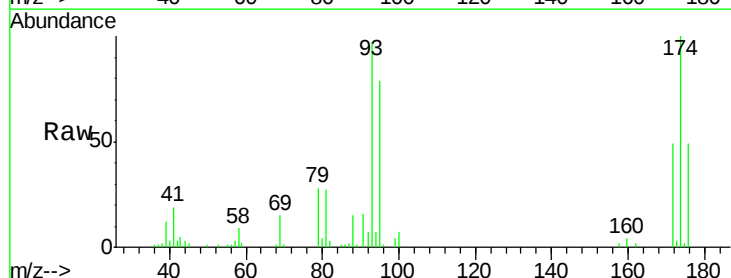
Tgt Ion: 93 Resp: 24132

Ion Ratio Lower Upper

93 100

95 82.9 66.0 99.0

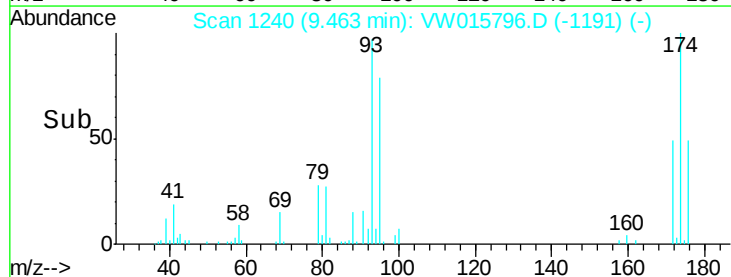
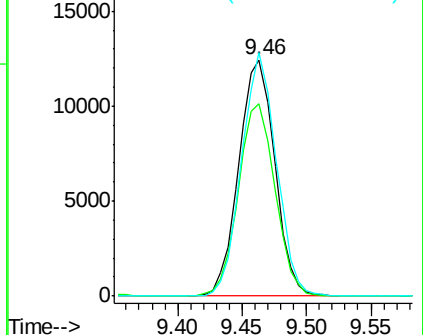
174 99.1 78.7 118.1



Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.283 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW015796.D

Acq: 07 Jul 2020 17:42

Instrument :

MSVOA_W

ClientSampleId :

VW0707SBSD01

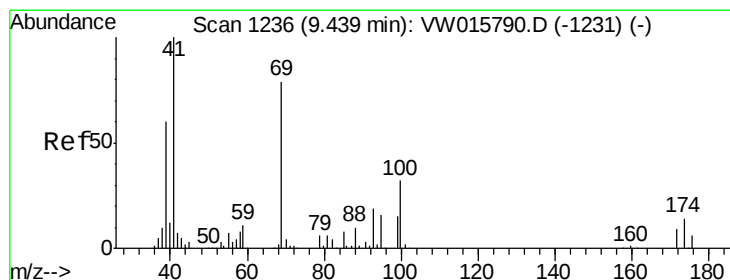
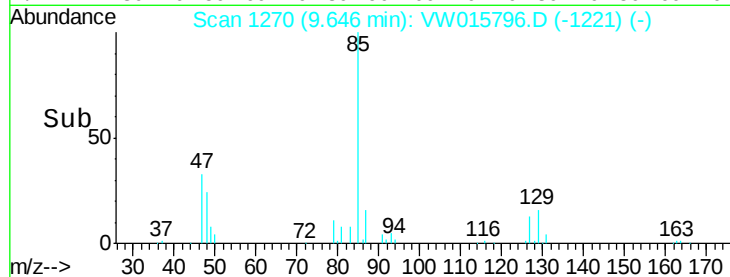
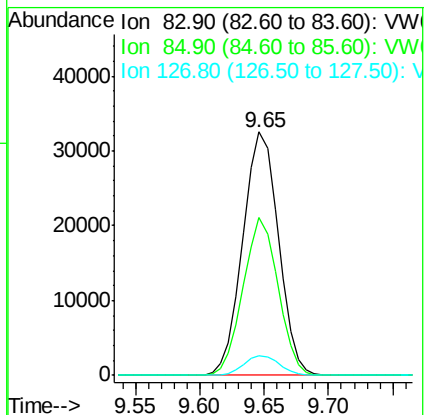
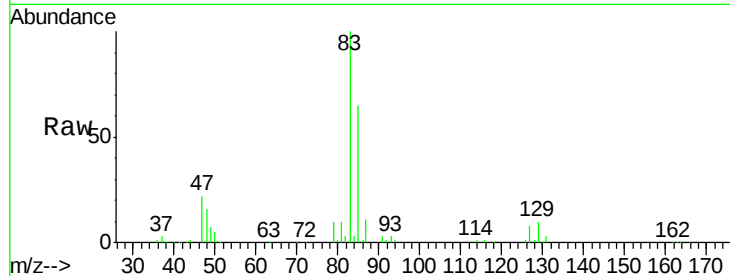
Tot Ion: 83 Resp: 62407

Ion Ratio Lower Upper

83 100

85 64.6 50.6 76.0

127 8.2 6.2 9.2



#48

Methyl methacrylate

Concen: 20.617 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW015796.D

Acq: 07 Jul 2020 17:42

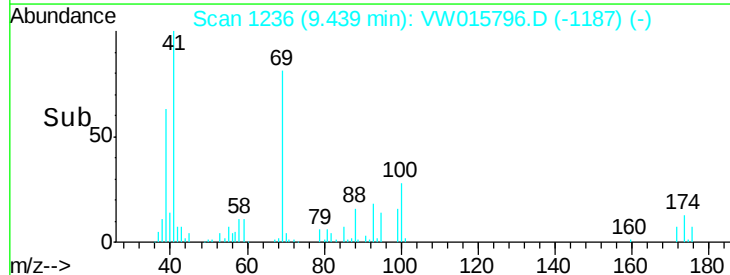
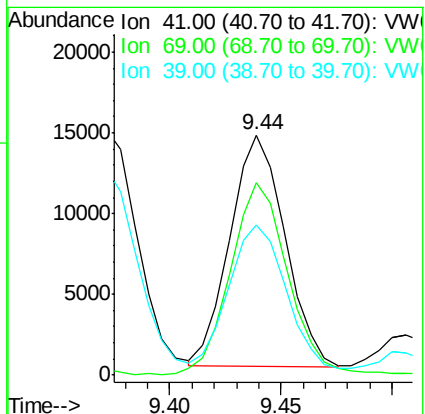
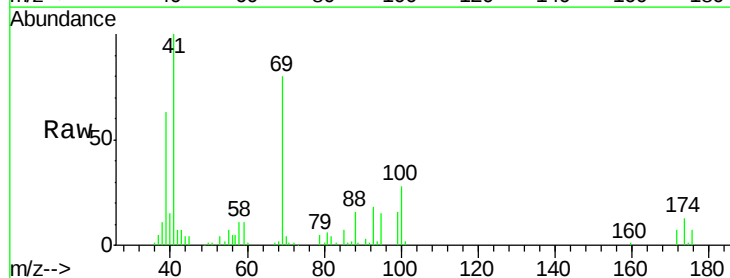
Tgt Ion: 41 Resp: 24592

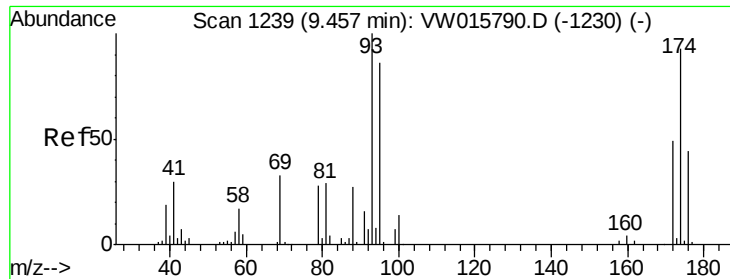
Ion Ratio Lower Upper

41 100

69 87.5 67.1 100.7

39 64.0 49.9 74.9

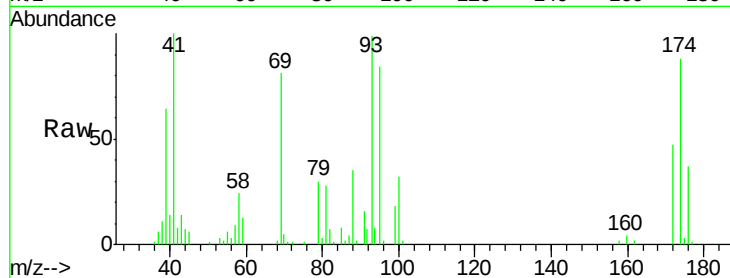




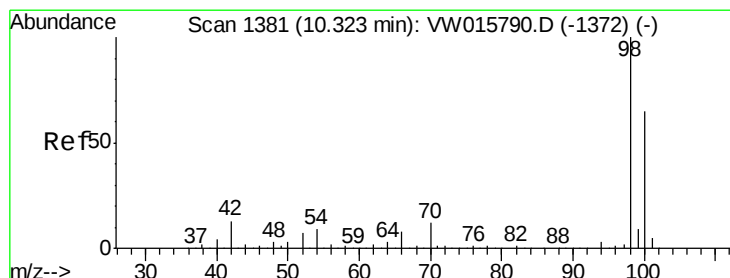
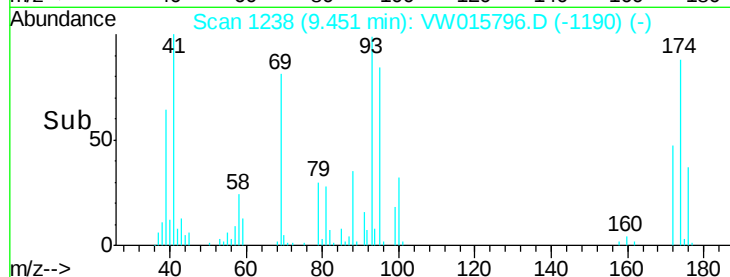
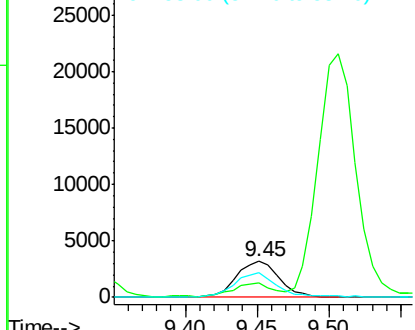
#49
1,4-Dioxane
Concen: 449.522 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.01 min
Lab File: VW015796.D
Acq: 07 Jul 2020 17:42

Instrument :
MSVOA_W
ClientSampleId :
VW0707SBS01

Tot Ion: 88 Resp: 6611
Ion Ratio Lower Upper
88 100
43 35.5 28.1 42.1
58 66.5 59.3 88.9

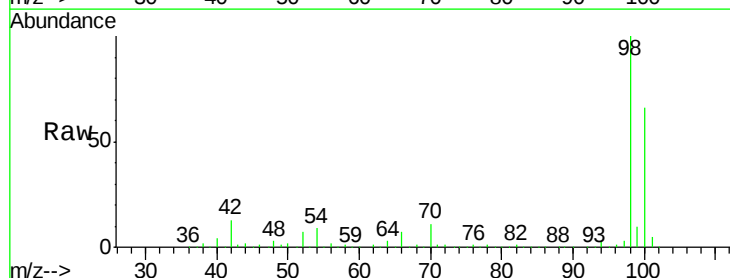


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

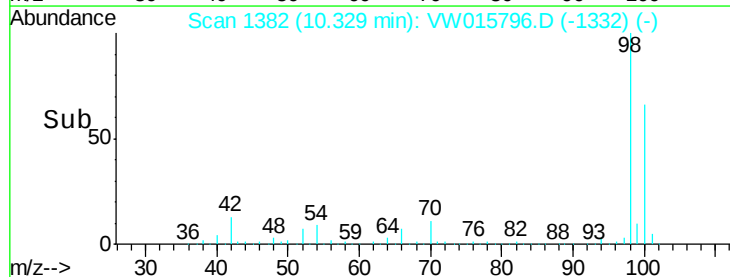
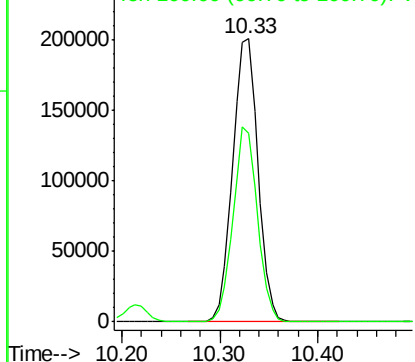


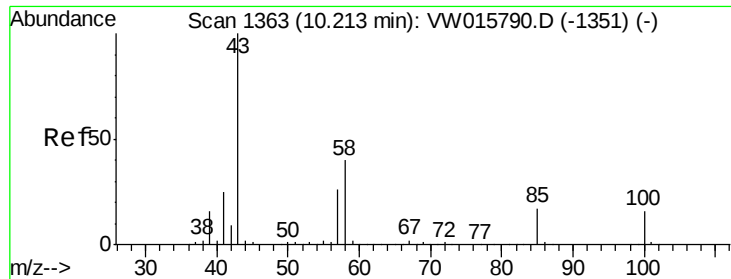
#50
Toluene-d8
Concen: 46.418 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW015796.D
Acq: 07 Jul 2020 17:42

Tgt Ion: 98 Resp: 362119
Ion Ratio Lower Upper
98 100
100 66.2 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: 106.444 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW015796.D

Acq: 07 Jul 2020 17:42

Instrument :

MSVOA_W

ClientSampleId :

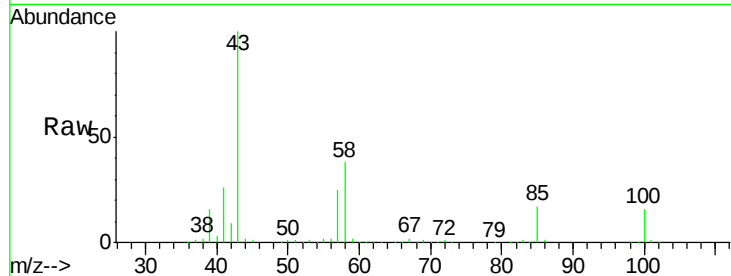
VW0707SBS01

Tot Ion: 43 Resp: 135191

Ion Ratio Lower Upper

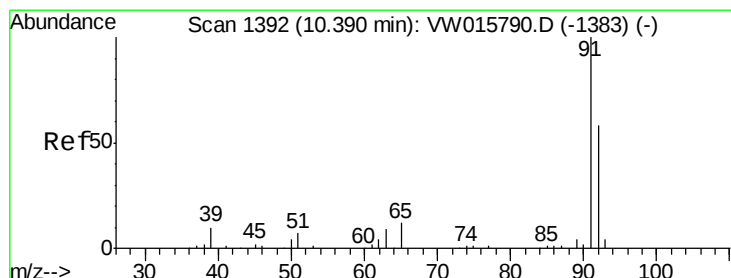
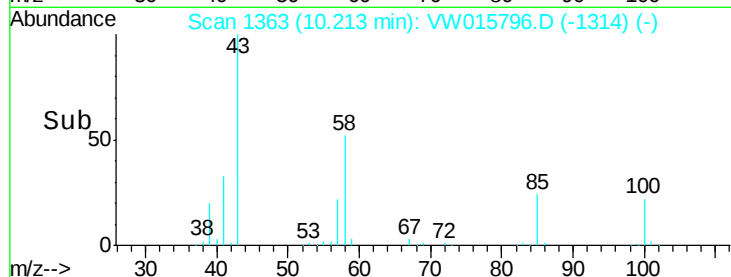
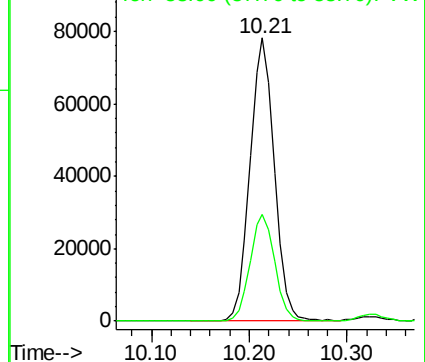
43 100

58 38.0 30.9 46.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 20.115 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015796.D

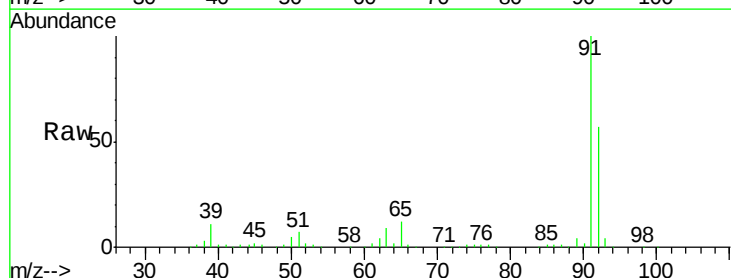
Acq: 07 Jul 2020 17:42

Tgt Ion: 92 Resp: 121677

Ion Ratio Lower Upper

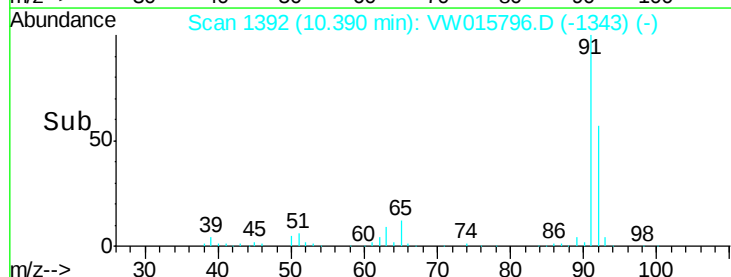
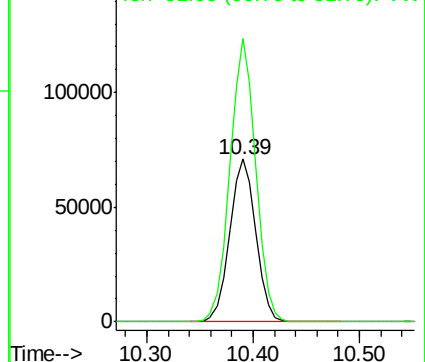
92 100

91 172.0 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 20.123 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW015796.D

Acq: 07 Jul 2020 17:42

Instrument :

MSVOA_W

ClientSampleId :

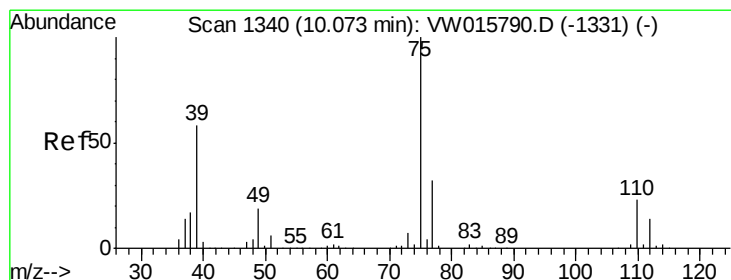
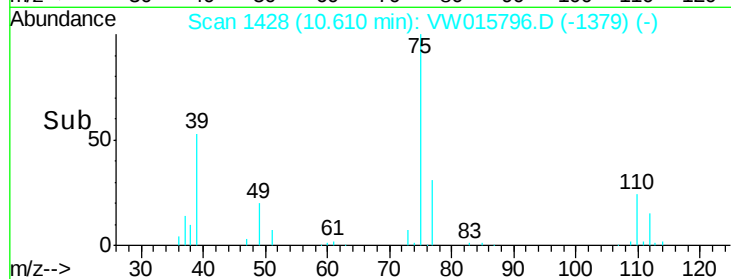
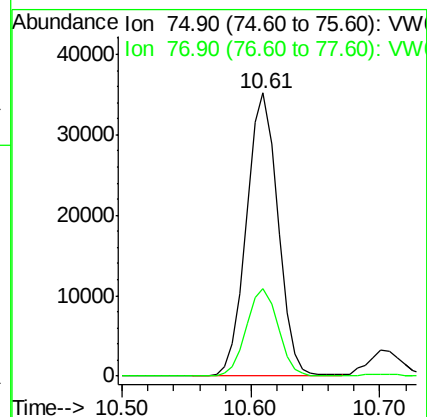
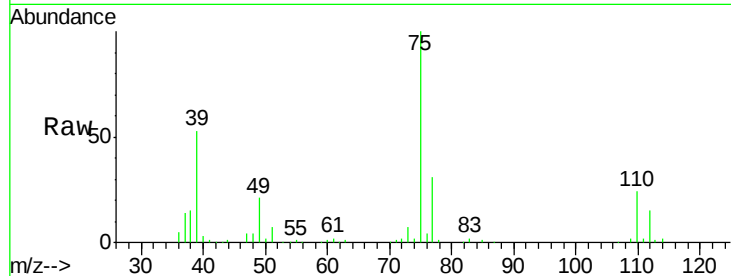
VW0707SBS01

Tot Ion: 75 Resp: 59405

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 20.163 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW015796.D

Acq: 07 Jul 2020 17:42

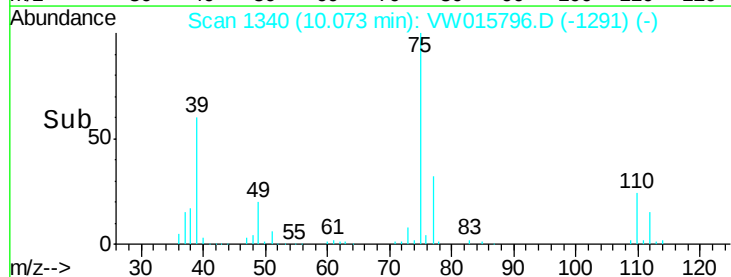
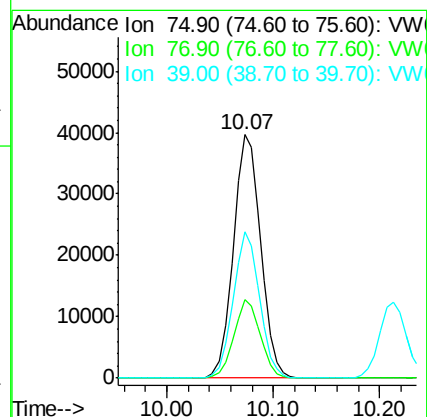
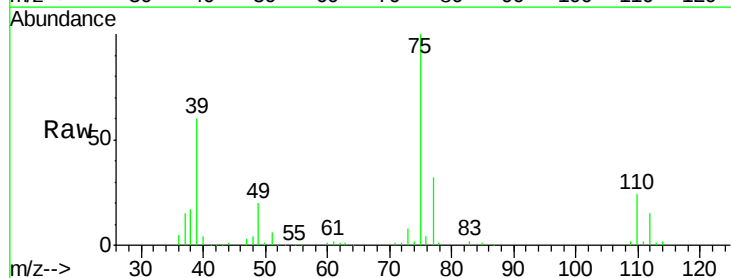
Tgt Ion: 75 Resp: 71204

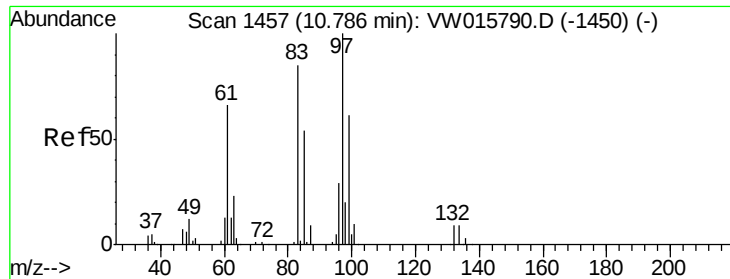
Ion Ratio Lower Upper

75 100

77 32.3 25.2 37.8

39 60.0 46.0 69.0

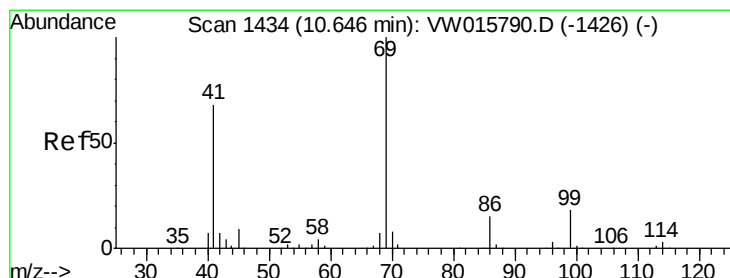
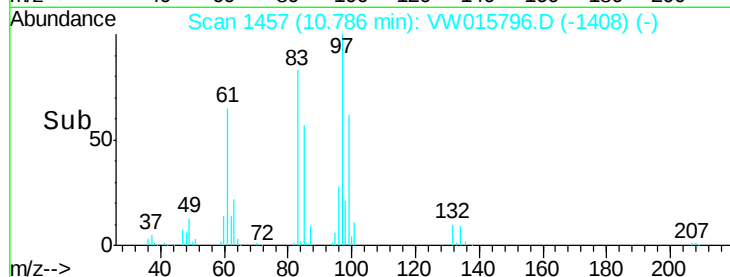
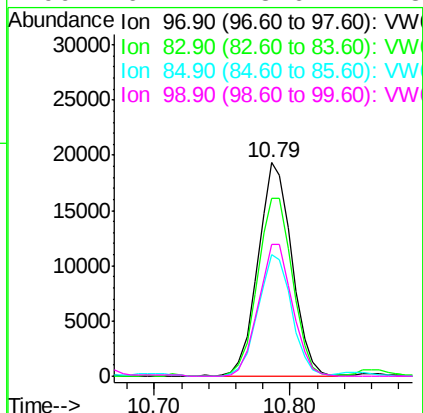
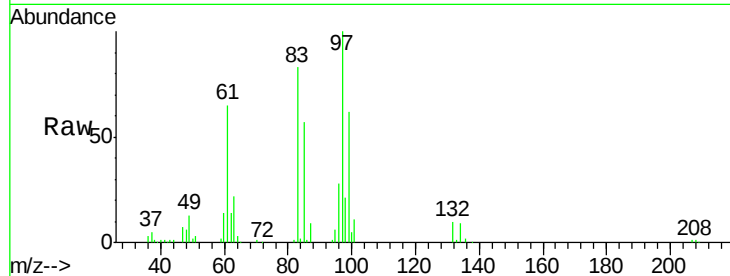




#55
 1,1,2-Trichloroethane
 Concen: 20.504 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW015796.D
 Acq: 07 Jul 2020 17:42

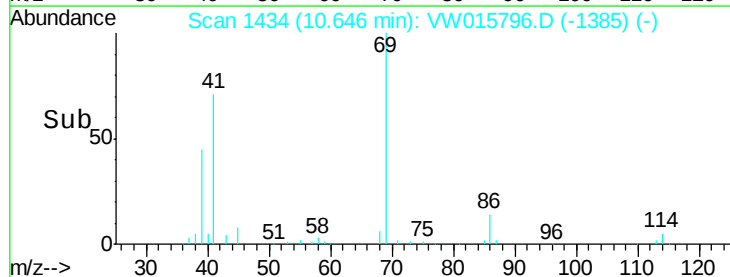
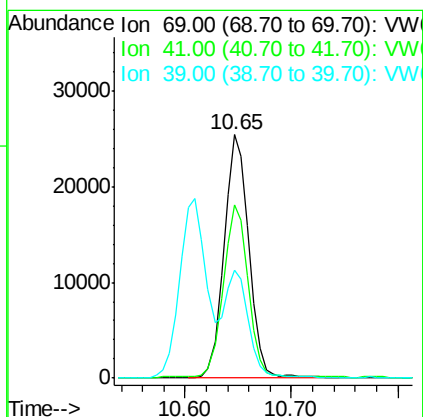
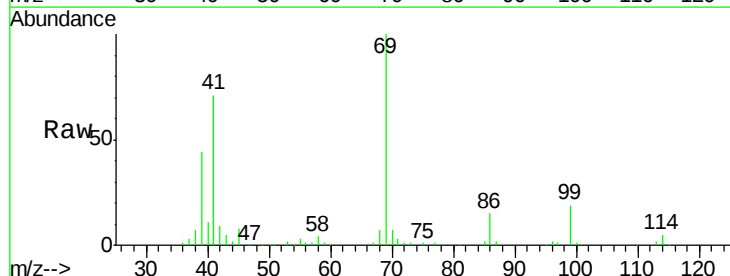
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0707SBSD01

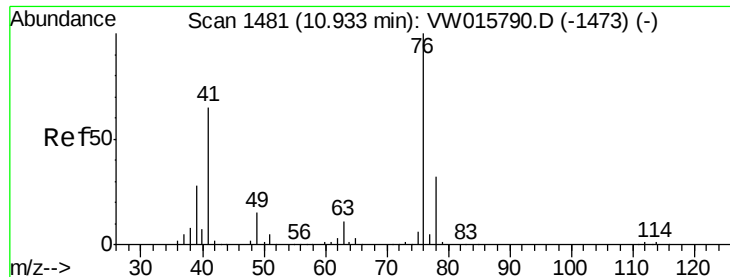
Tot Ion:	97	Resp:	33822
Ion	Ratio	Lower	Upper
97	100		
83	83.3	68.2	102.4
85	56.5	43.4	65.0
99	61.7	48.6	72.8



#56
 Ethyl methacrylate
 Concen: 20.466 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW015796.D
 Acq: 07 Jul 2020 17:42

Tgt Ion:	69	Resp:	41504
Ion	Ratio	Lower	Upper
69	100		
41	69.9	55.0	82.6
39	43.6	33.8	50.8

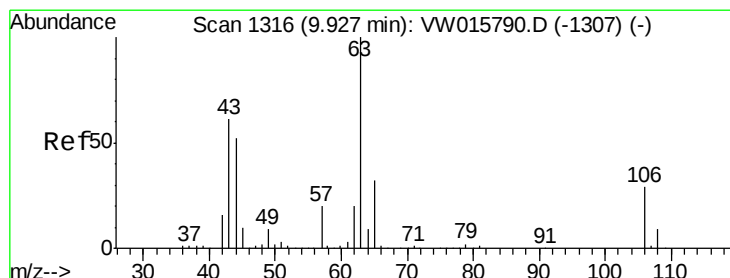
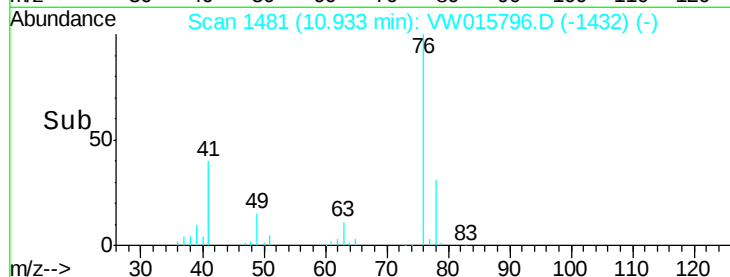
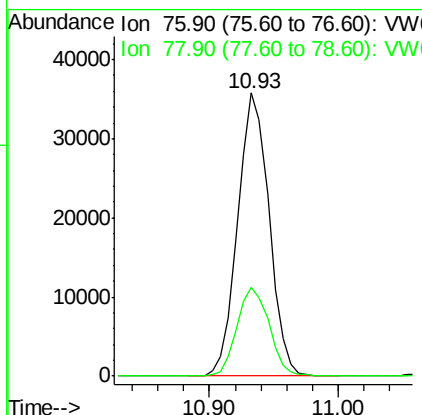
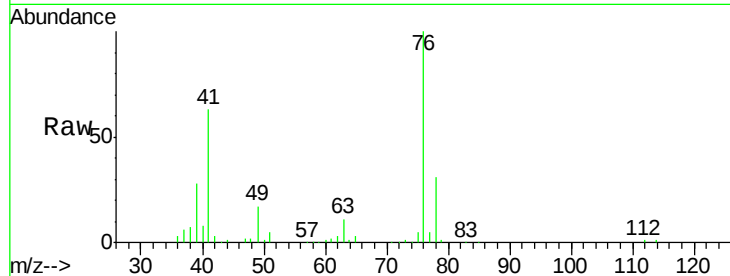




#57
 1,3-Dichloropropane
 Concen: 20.685 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW015796.D
 Acq: 07 Jul 2020 17:42

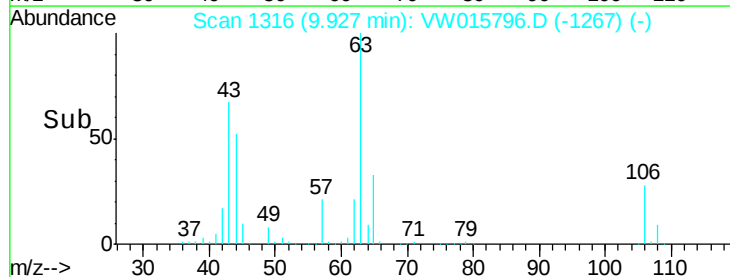
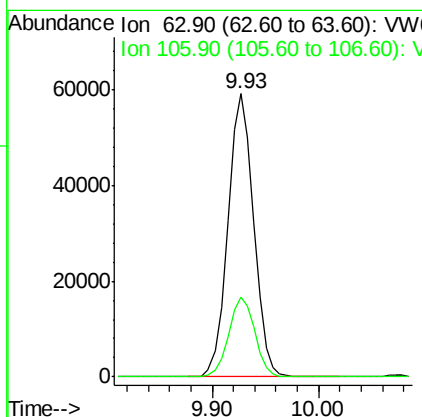
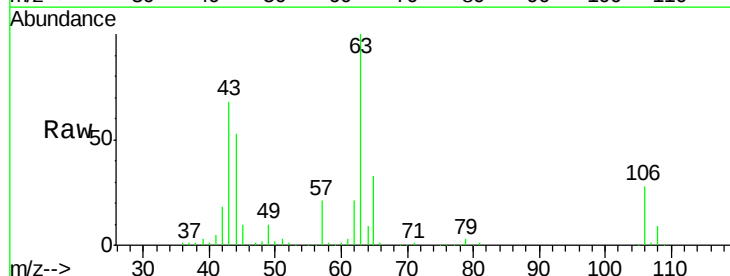
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0707SBSD01

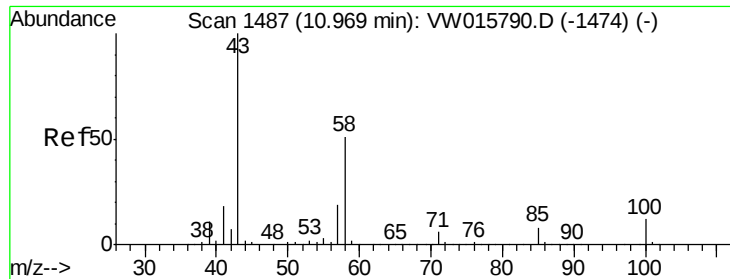
Tot Ion: 76 Resp: 60400
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.181 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW015796.D
 Acq: 07 Jul 2020 17:42

Tgt Ion: 63 Resp: 100257
 Ion Ratio Lower Upper
 63 100
 106 28.4 23.1 34.7

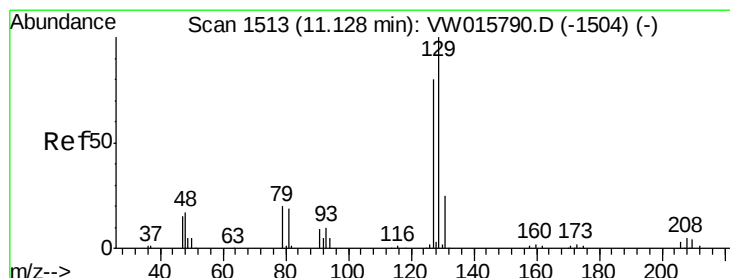
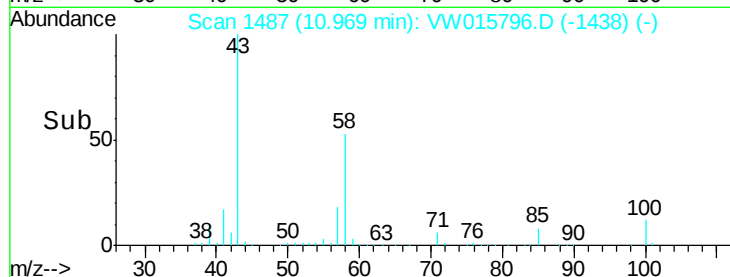
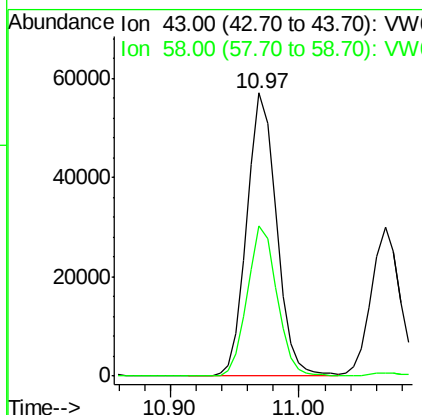
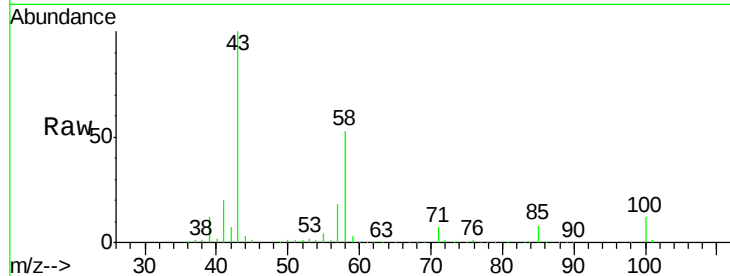




#59
2-Hexanone
Concen: 107.433 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW015796.D
Acq: 07 Jul 2020 17:42

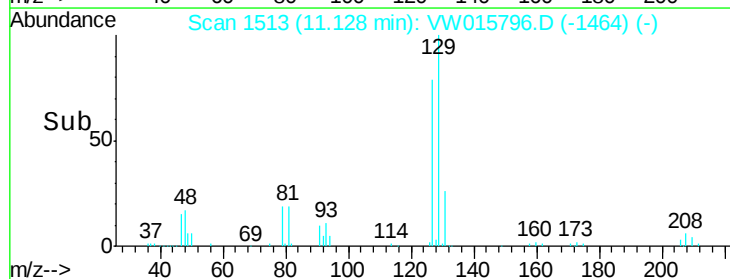
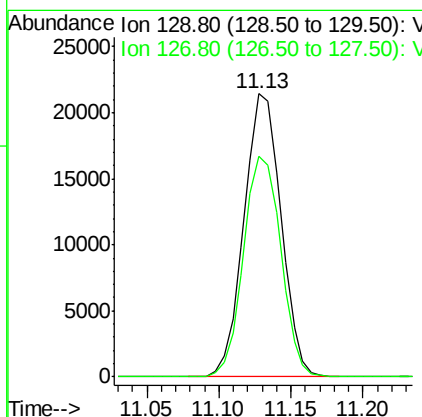
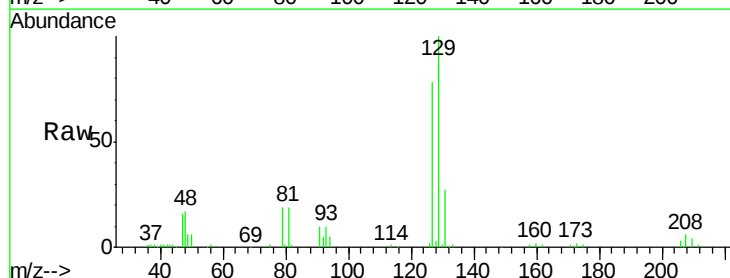
Instrument :
MSVOA_W
ClientSampleId :
VW0707SBSD01

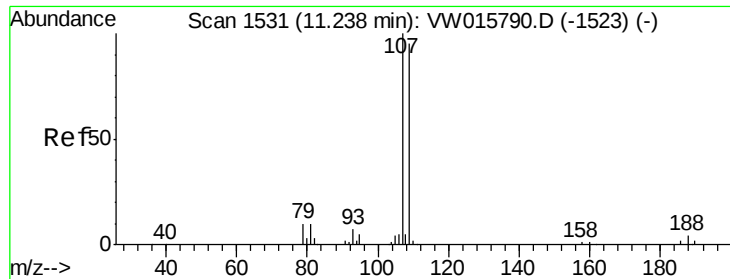
Tot Ion: 43 Resp: 91058
Ion Ratio Lower Upper
43 100
58 52.9 26.2 78.5



#60
Dibromochloromethane
Concen: 20.039 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW015796.D
Acq: 07 Jul 2020 17:42

Tgt Ion: 129 Resp: 38175
Ion Ratio Lower Upper
129 100
127 78.7 39.4 118.1

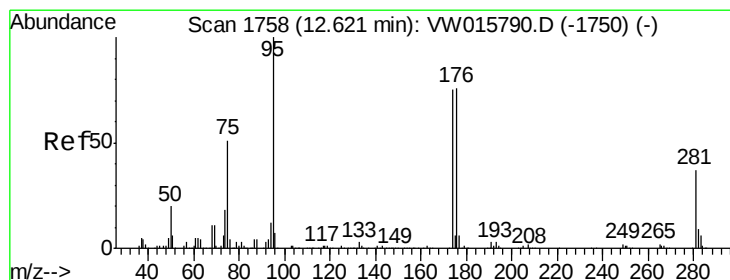
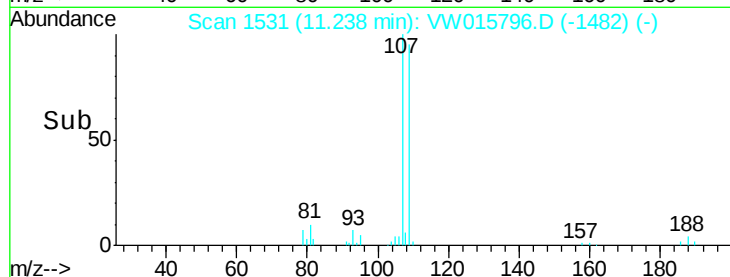
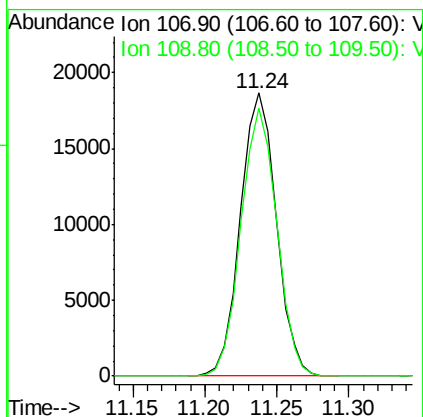
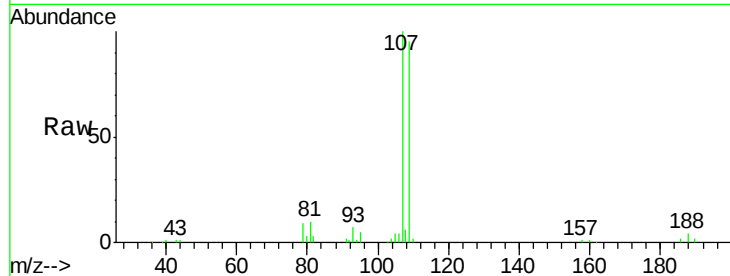




#61
 1,2-Dibromoethane
 Concen: 20.436 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW015796.D
 Acq: 07 Jul 2020 17:42

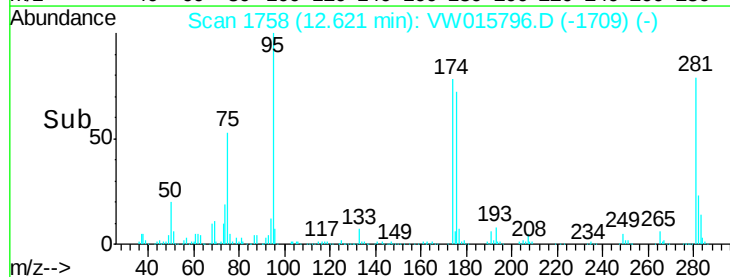
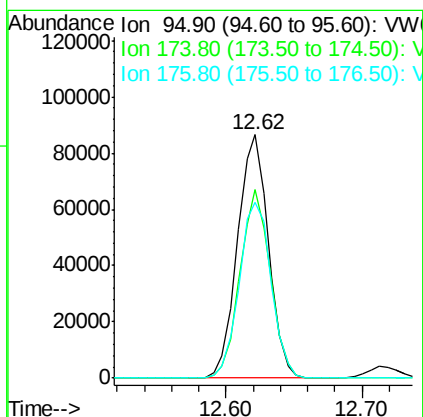
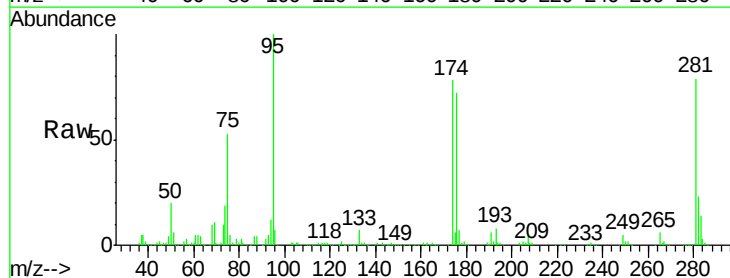
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0707SBSD01

Tot Ion:107 Resp: 32254
 Ion Ratio Lower Upper
 107 100
 109 94.3 77.0 115.6



#62
 4-Bromofluorobenzene
 Concen: 47.979 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW015796.D
 Acq: 07 Jul 2020 17:42

Tgt Ion: 95 Resp: 137347
 Ion Ratio Lower Upper
 95 100
 174 75.9 0.0 150.2
 176 74.7 0.0 148.4

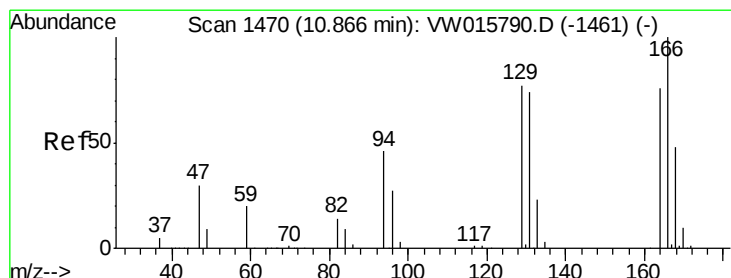
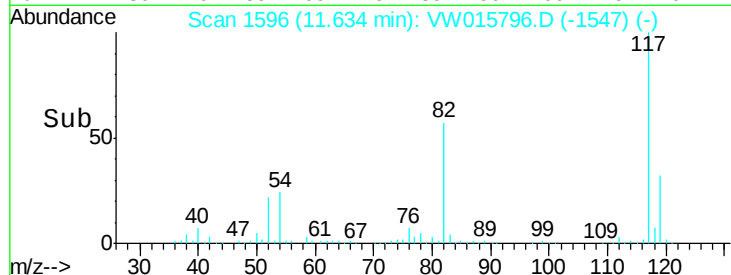
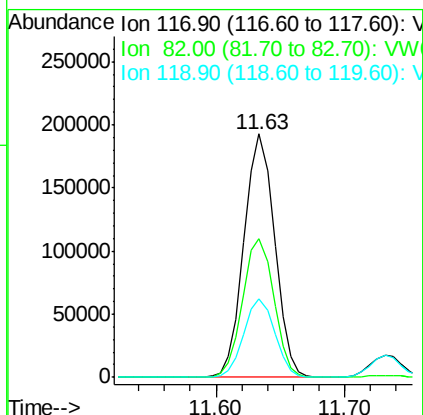
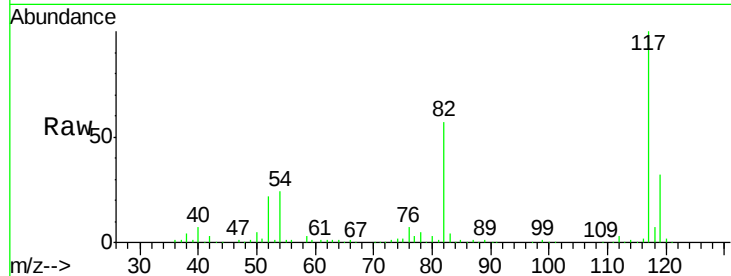




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015796.D
Acq: 07 Jul 2020 17:42

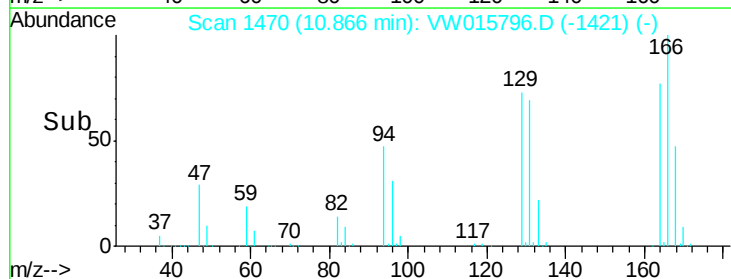
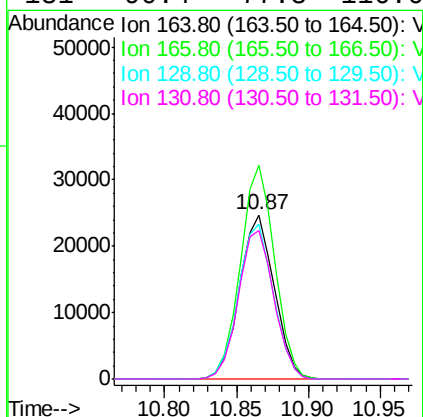
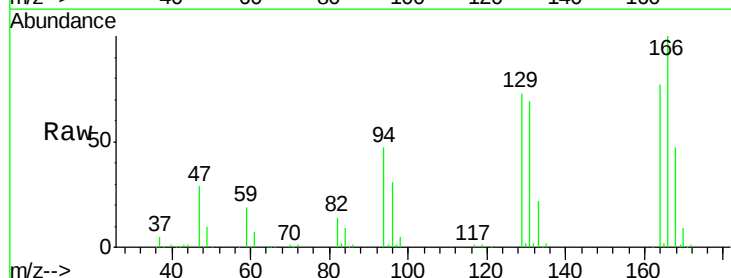
Instrument :
MSVOA_W
ClientSampleId :
VW0707SBSD01

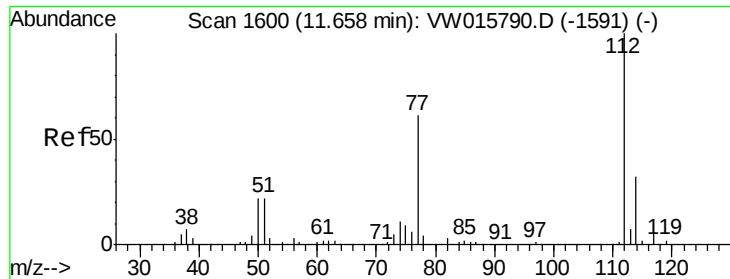
Tot Ion:117 Resp: 317735
Ion Ratio Lower Upper
117 100
82 57.1 45.5 68.3
119 32.4 25.0 37.6



#64
Tetrachloroethene
Concen: 20.541 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW015796.D
Acq: 07 Jul 2020 17:42

Tgt Ion:164 Resp: 41303
Ion Ratio Lower Upper
164 100
166 130.2 105.1 157.7
129 94.6 80.6 121.0
131 90.4 77.8 116.6

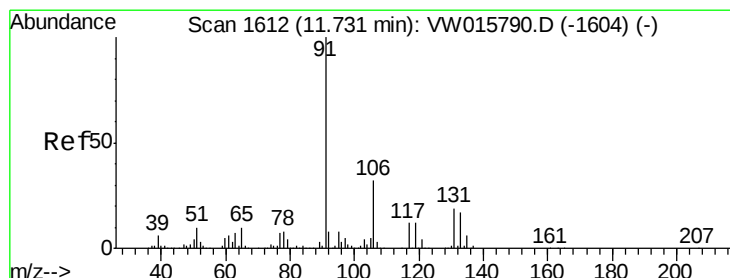
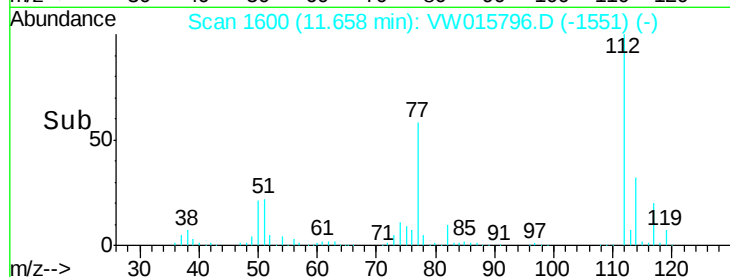
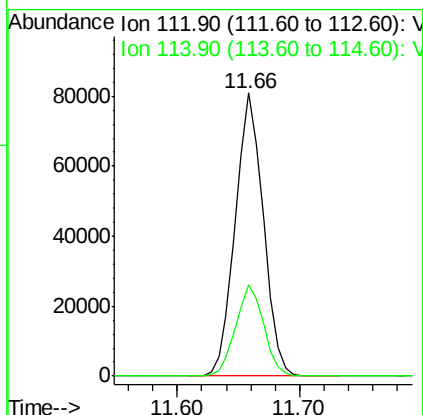
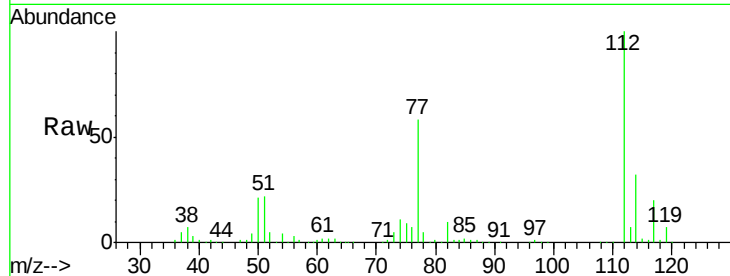




#65
Chlorobenzene
Concen: 20.667 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW015796.D
Acq: 07 Jul 2020 17:42

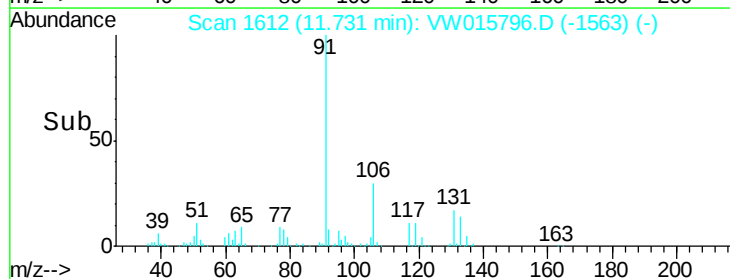
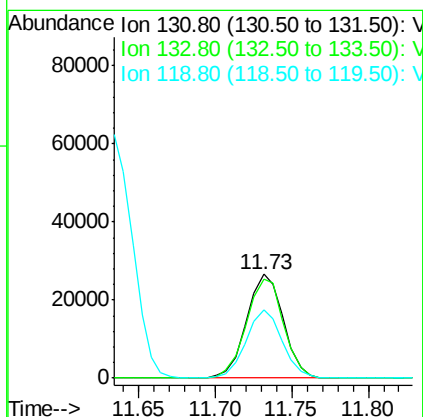
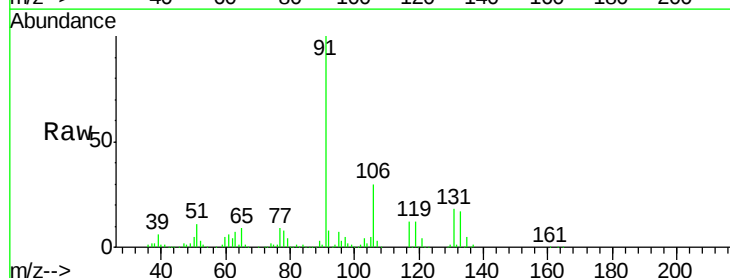
Instrument :
MSVOA_W
ClientSampleId :
VW0707SBSD01

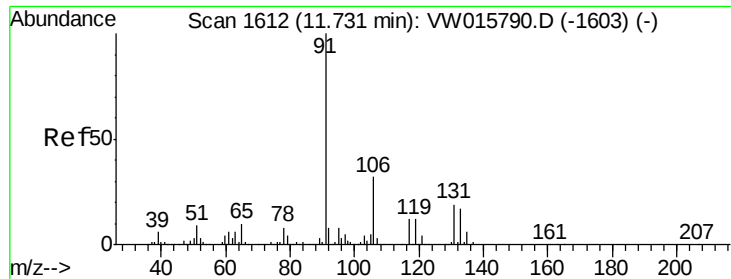
Tot Ion:112 Resp: 128420
Ion Ratio Lower Upper
112 100
114 32.1 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.256 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015796.D
Acq: 07 Jul 2020 17:42

Tgt Ion:131 Resp: 44540
Ion Ratio Lower Upper
131 100
133 97.4 47.0 141.2
119 64.4 32.3 96.8

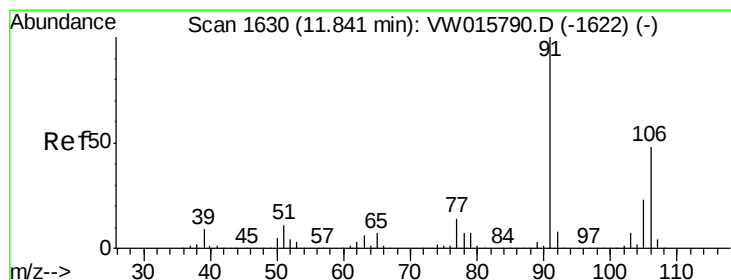
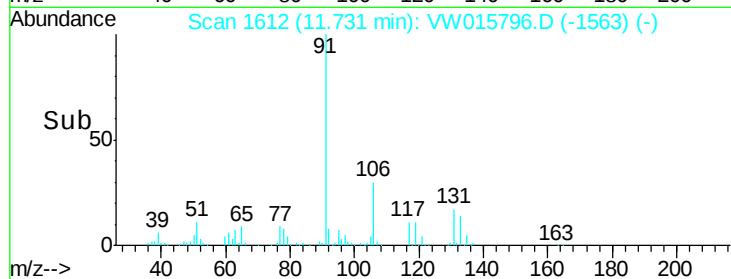
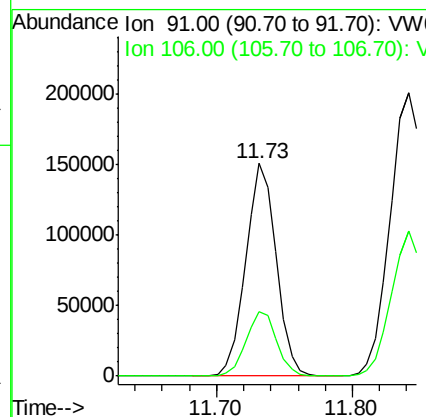
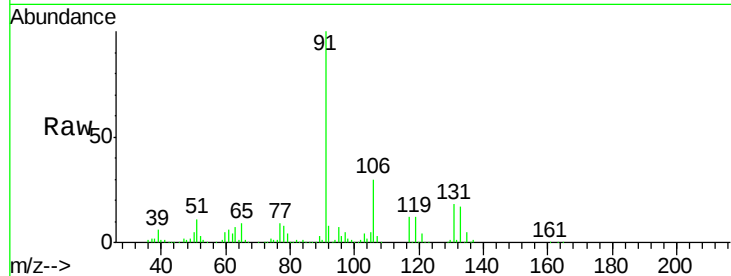




#67
Ethyl Benzene
Concen: 20.546 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015796.D
Acq: 07 Jul 2020 17:42

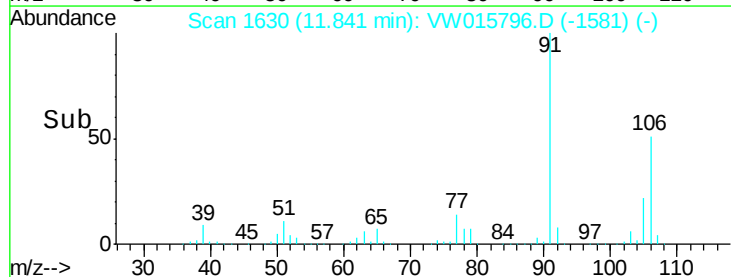
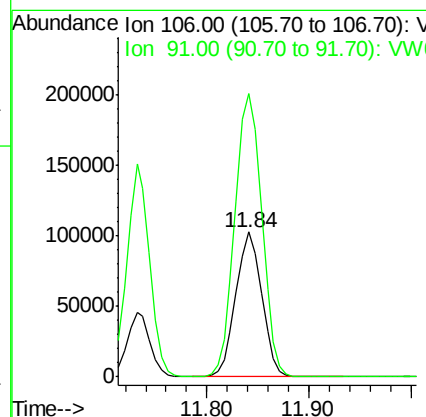
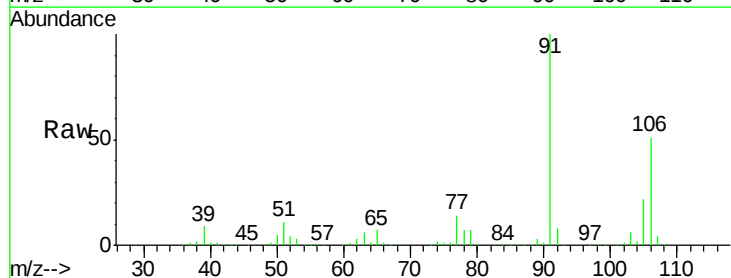
Instrument :
MSVOA_W
ClientSampleId :
VW0707SBS01

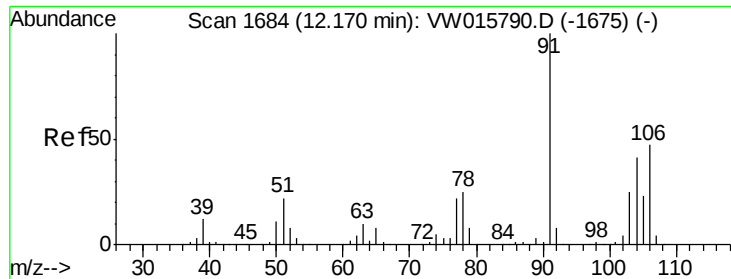
Tot Ion: 91 Resp: 236418
Ion Ratio Lower Upper
91 100
106 30.4 25.8 38.8



#68
m/p-Xylenes
Concen: 41.743 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW015796.D
Acq: 07 Jul 2020 17:42

Tgt Ion: 106 Resp: 180438
Ion Ratio Lower Upper
106 100
91 203.3 164.1 246.1

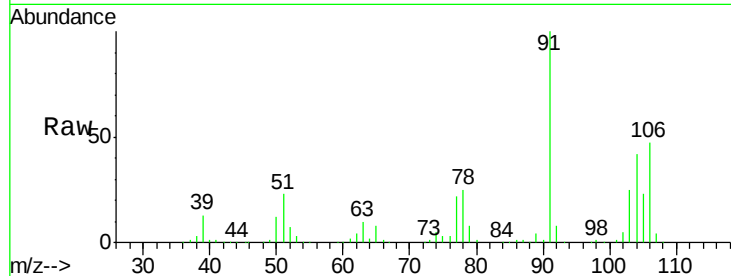




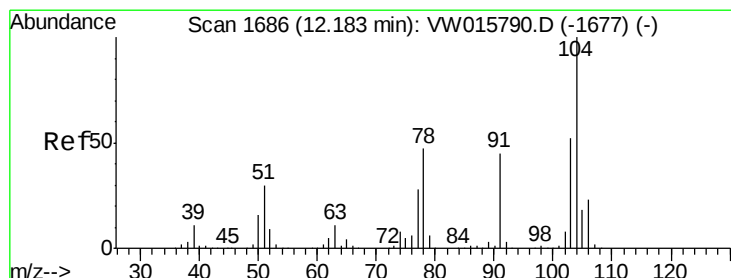
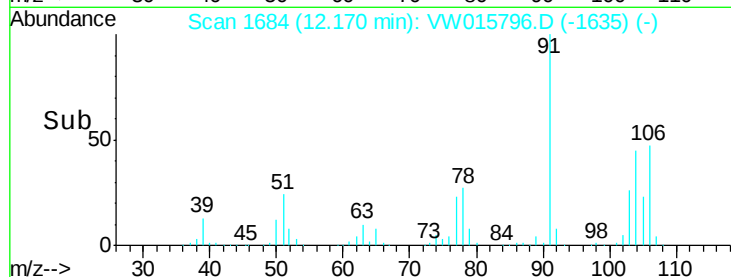
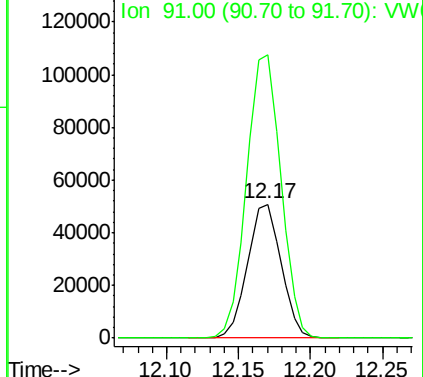
#69
o-Xylene
Concen: 20.763 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW015796.D
Acq: 07 Jul 2020 17:42

Instrument :
MSVOA_W
ClientSampleId :
VW0707SBS01

Tot Ion:106 Resp: 81925
Ion Ratio Lower Upper
106 100
91 216.5 108.5 325.3

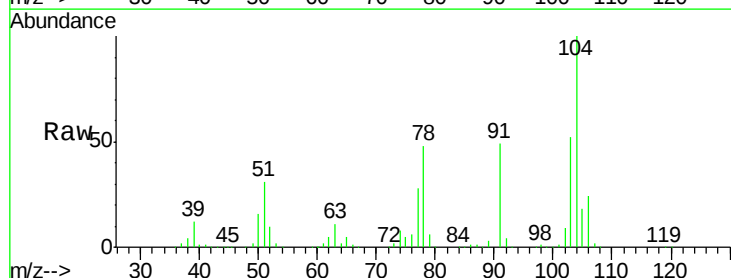


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV

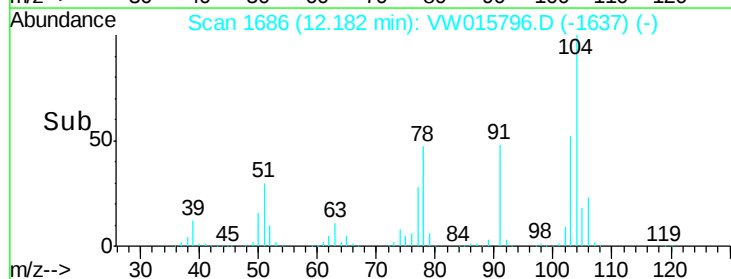
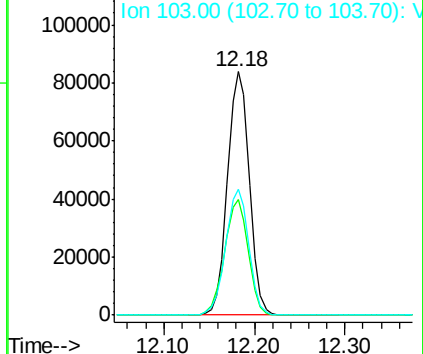


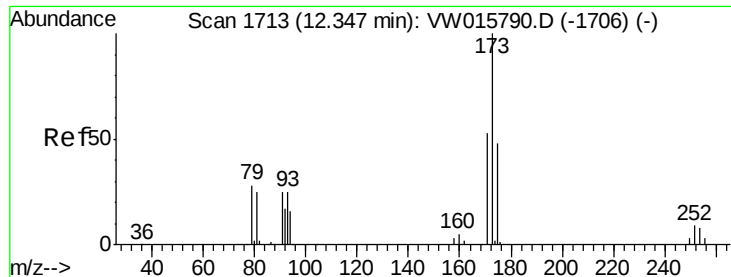
#70
Styrene
Concen: 20.575 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW015796.D
Acq: 07 Jul 2020 17:42

Tgt Ion:104 Resp: 139685
Ion Ratio Lower Upper
104 100
78 51.7 41.0 61.4
103 55.0 43.8 65.8



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





#71

Bromoform

Concen: 20.195 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW015796.D

Acq: 07 Jul 2020 17:42

Instrument :

MSVOA_W

ClientSampleId :

VW0707SBS01

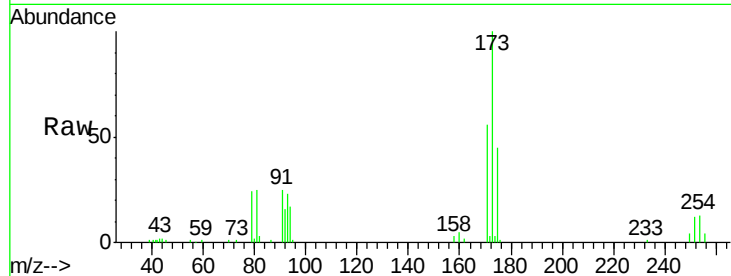
Tot Ion:173 Resp: 20269

Ion Ratio Lower Upper

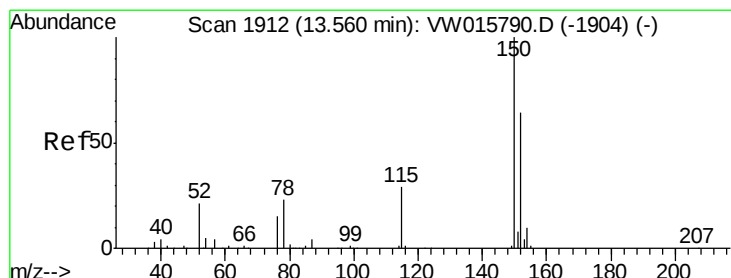
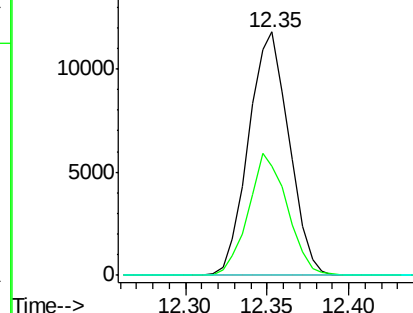
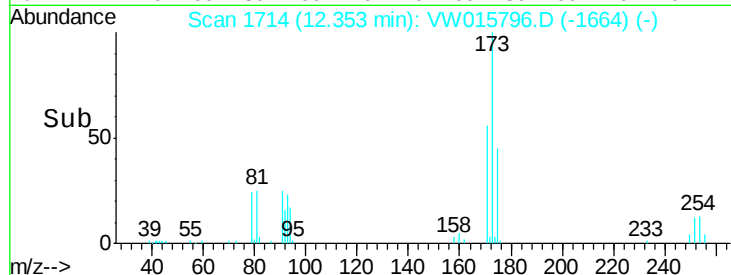
173 100

175 48.2 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: VW015796.D

Acq: 07 Jul 2020 17:42

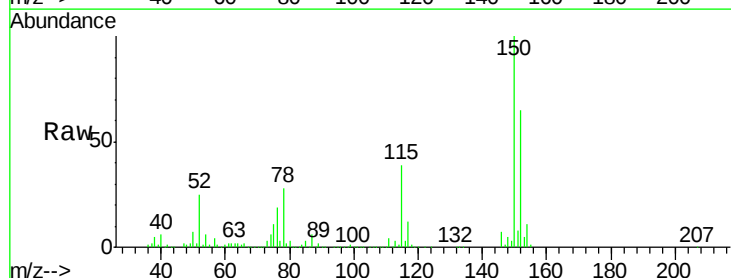
Tgt Ion:152 Resp: 160309

Ion Ratio Lower Upper

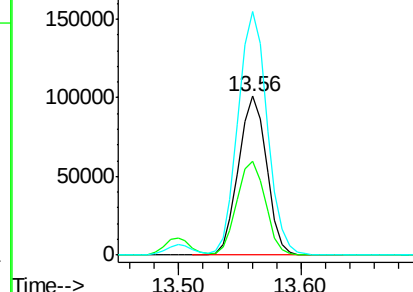
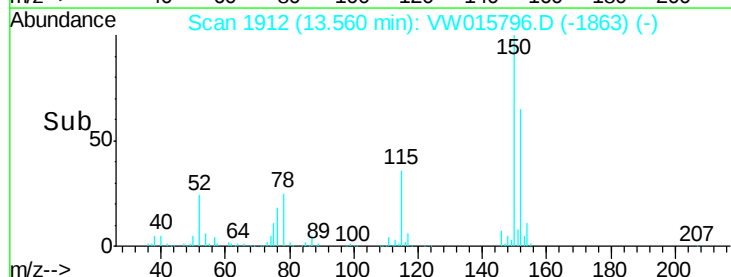
152 100

115 59.8 29.9 89.7

150 159.7 0.0 350.8



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





#73

Isopropylbenzene

Concen: 20.323 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW015796.D

Acq: 07 Jul 2020 17:42

Instrument :

MSVOA_W

ClientSampleId :

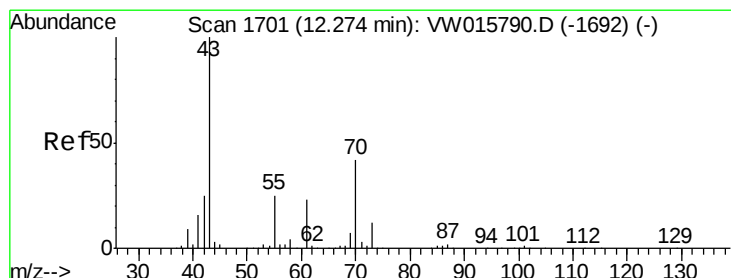
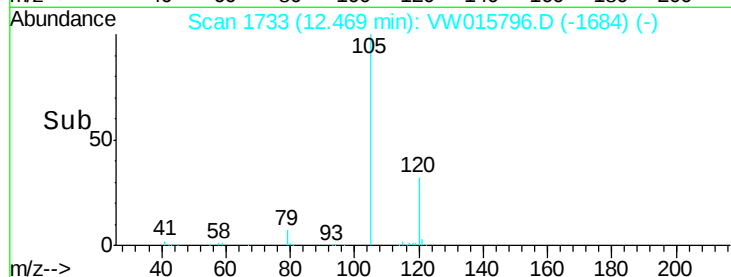
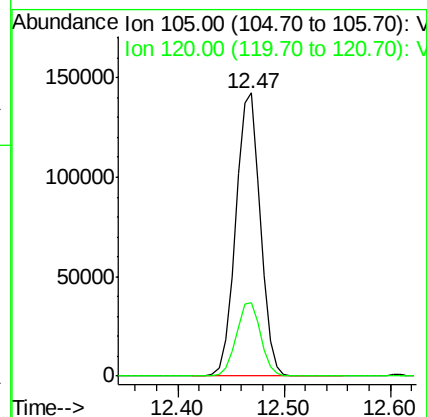
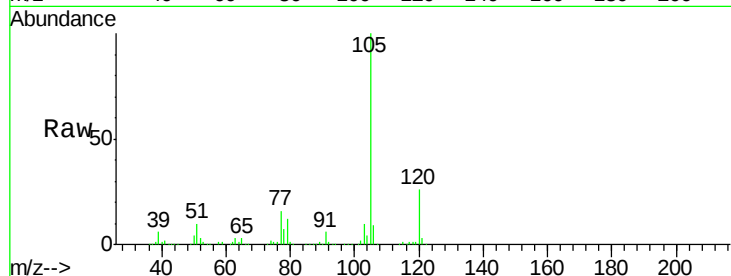
VW0707SBS01

Tot Ion:105 Resp: 229524

Ion Ratio Lower Upper

105 100

120 26.0 13.2 39.6



#74

N-ethyl acetate

Concen: 20.562 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW015796.D

Acq: 07 Jul 2020 17:42

Tgt Ion: 43 Resp: 49683

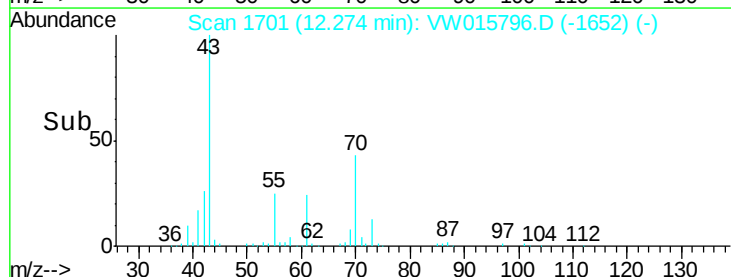
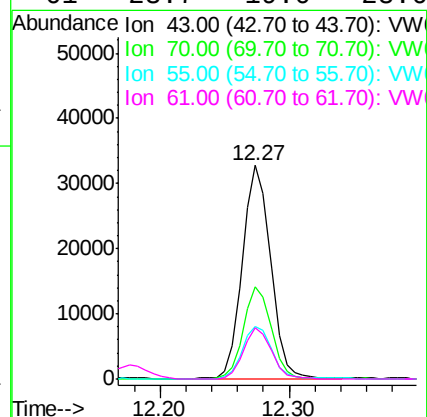
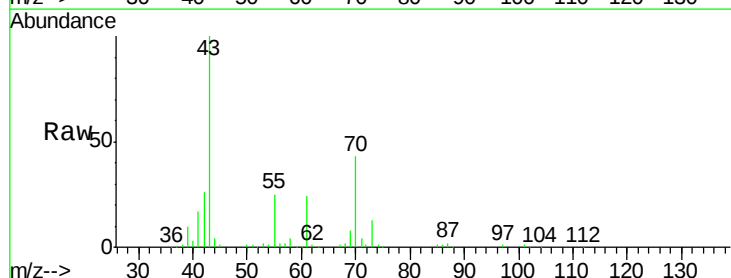
Ion Ratio Lower Upper

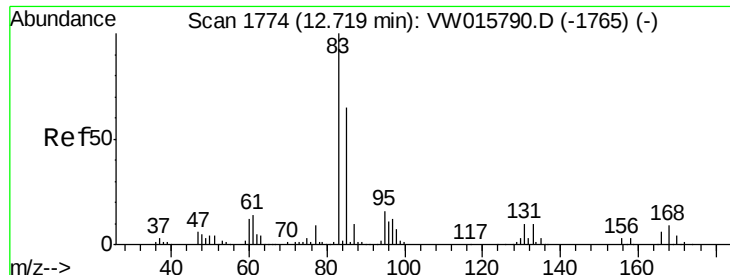
43 100

70 43.0 34.1 51.1

55 25.7 20.0 30.0

61 23.7 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.701 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW015796.D

Acq: 07 Jul 2020 17:42

Instrument :

MSVOA_W

ClientSampleId :

VW0707SBSD01

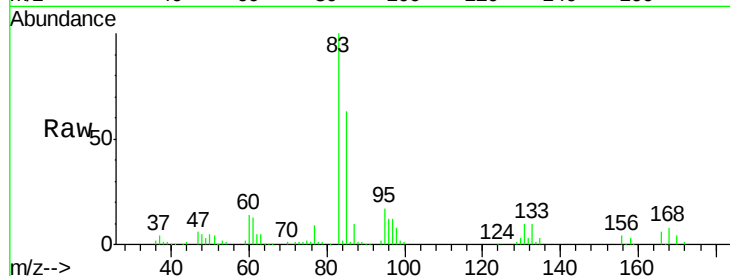
Tot Ion: 83 Resp: 38846

Ion Ratio Lower Upper

83 100

131 10.6 5.3 16.1

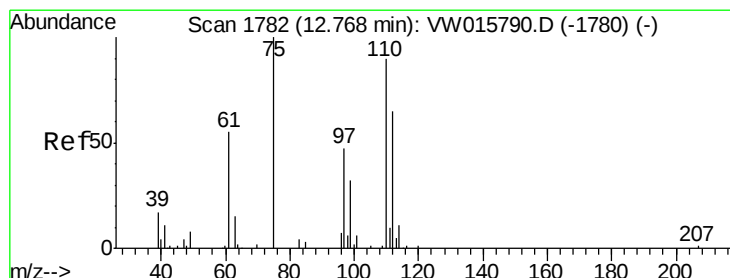
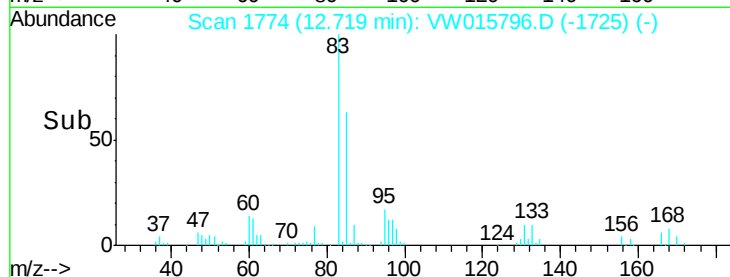
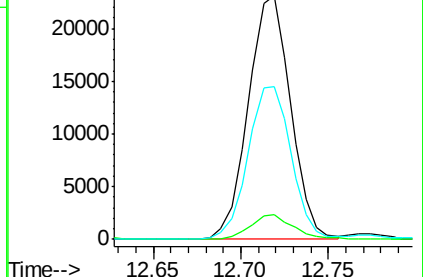
85 64.2 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 19.986 ug/l m

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW015796.D

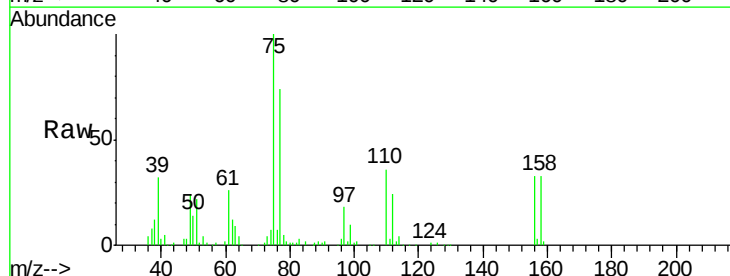
Acq: 07 Jul 2020 17:42

Tgt Ion: 75 Resp: 28158

Ion Ratio Lower Upper

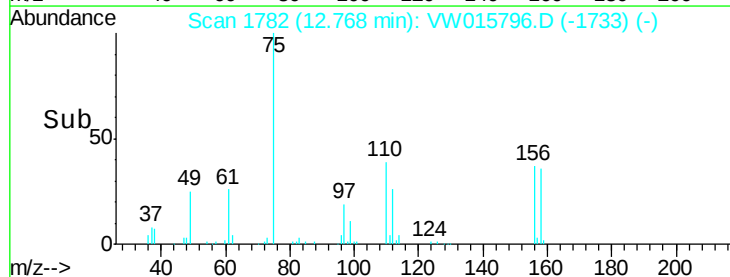
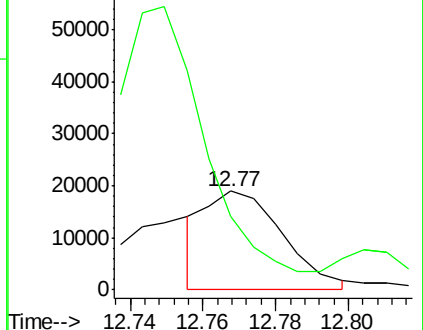
75 100

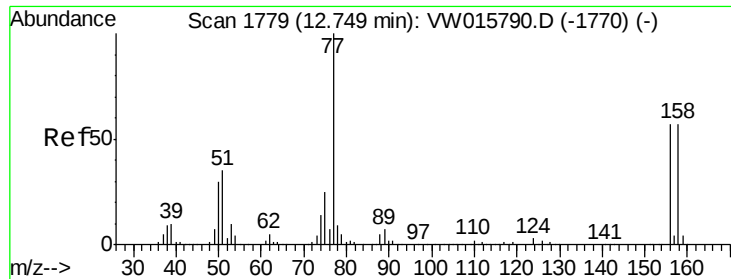
77 359.4 177.3 532.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.266 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW015796.D

Acq: 07 Jul 2020 17:42

Instrument :

MSVOA_W

ClientSampleId :

VW0707SBSD01

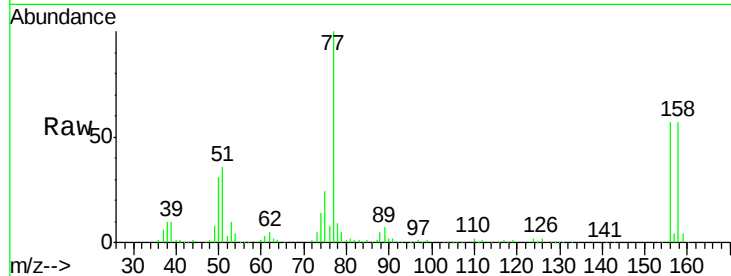
Tot Ion:156 Resp: 51320

Ion Ratio Lower Upper

156 100

77 197.2 98.8 296.4

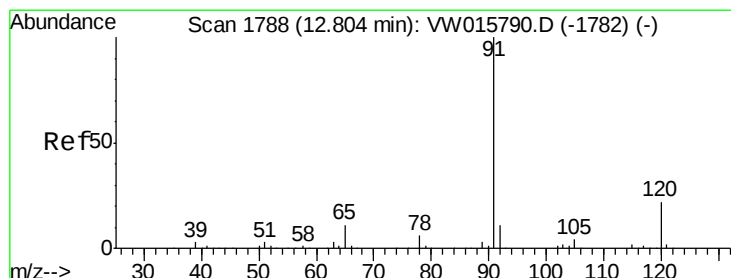
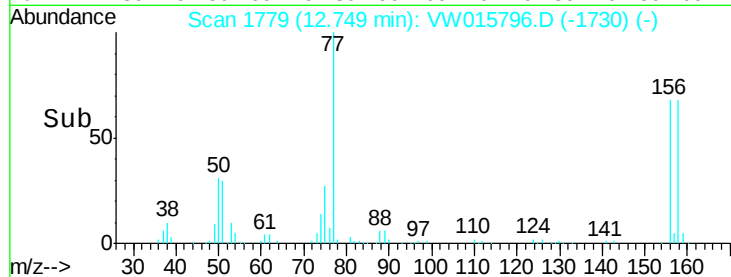
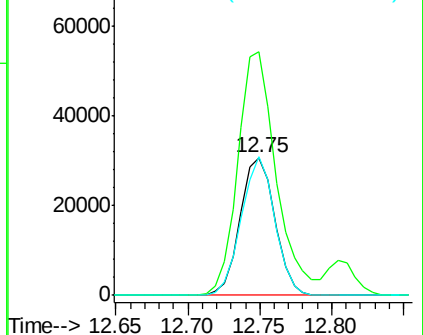
158 96.8 50.0 149.8



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: 20.449 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW015796.D

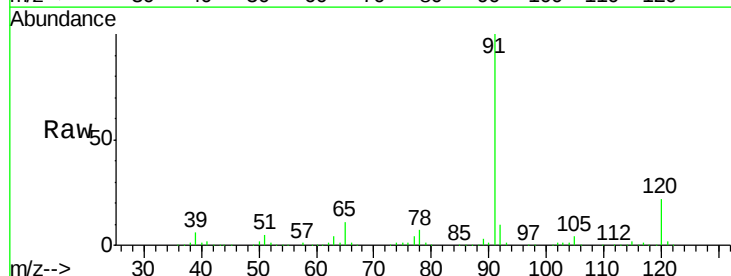
Acq: 07 Jul 2020 17:42

Tgt Ion: 91 Resp: 280320

Ion Ratio Lower Upper

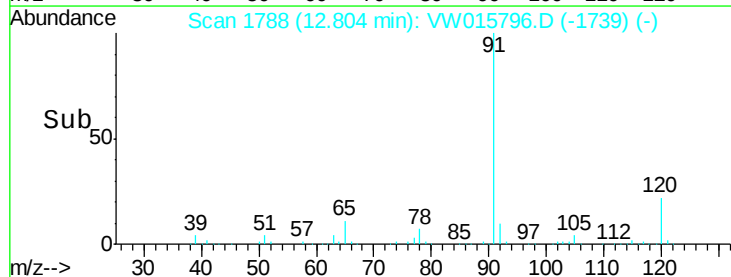
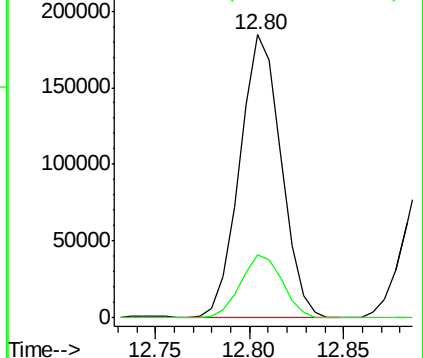
91 100

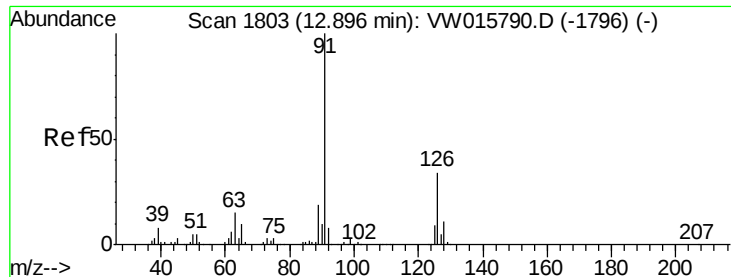
120 22.5 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.187 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW015796.D

Acq: 07 Jul 2020 17:42

Instrument :

MSVOA_W

ClientSampleId :

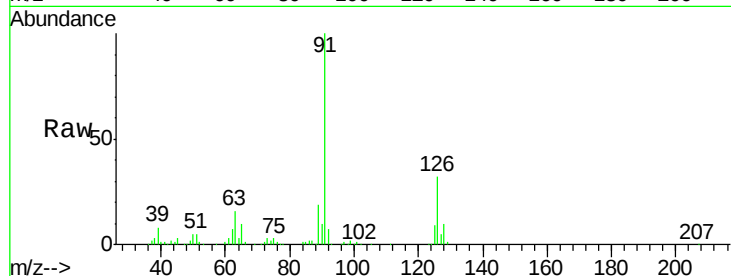
VW0707SBS01

Tot Ion: 91 Resp: 157812

Ion Ratio Lower Upper

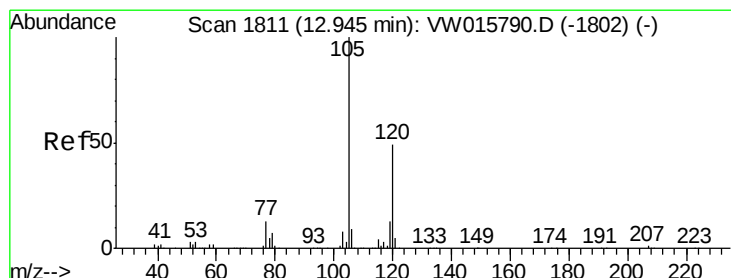
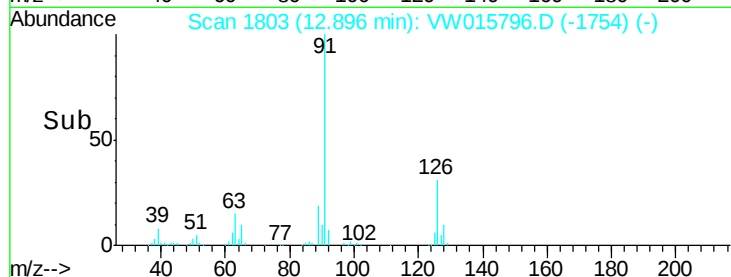
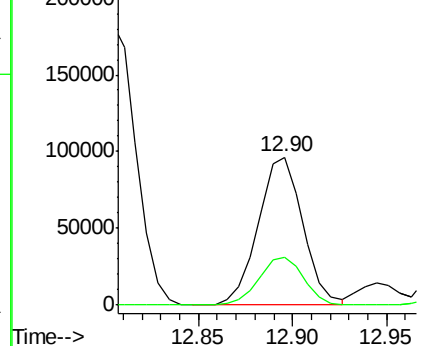
91 100

126 32.5 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.831 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW015796.D

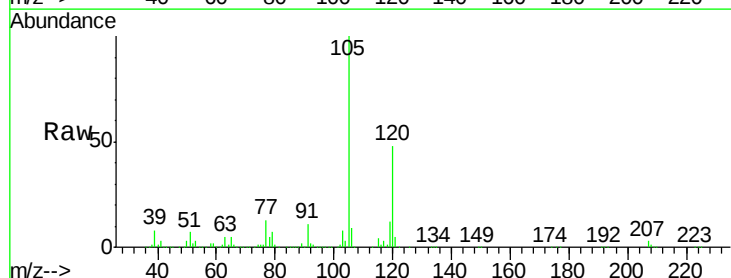
Acq: 07 Jul 2020 17:42

Tgt Ion:105 Resp: 200512

Ion Ratio Lower Upper

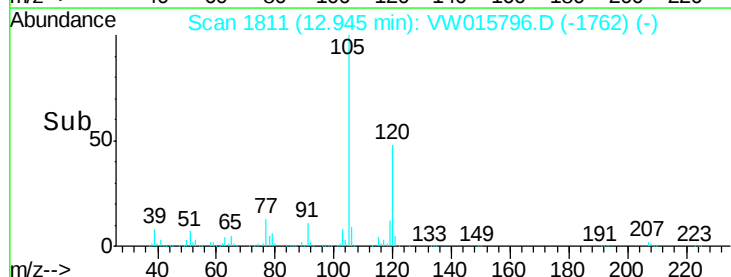
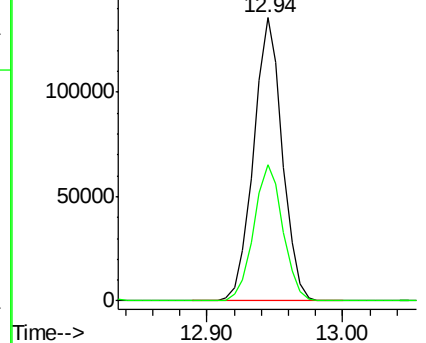
105 100

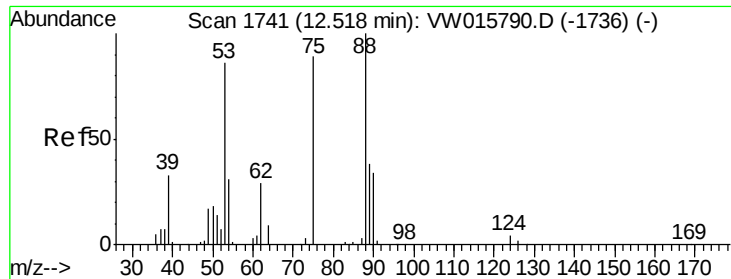
120 48.8 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 20.094 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.01 min

Lab File: VW015796.D

Acq: 07 Jul 2020 17:42

Instrument :

MSVOA_W

ClientSampleId :

VW0707SBS01

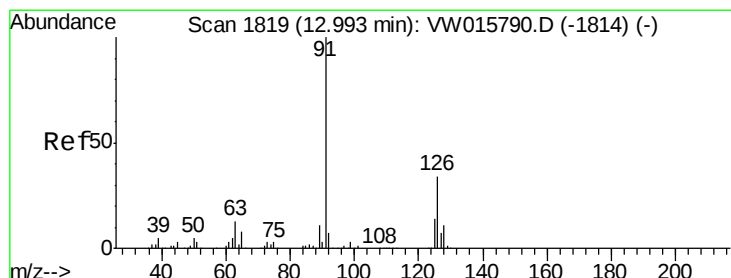
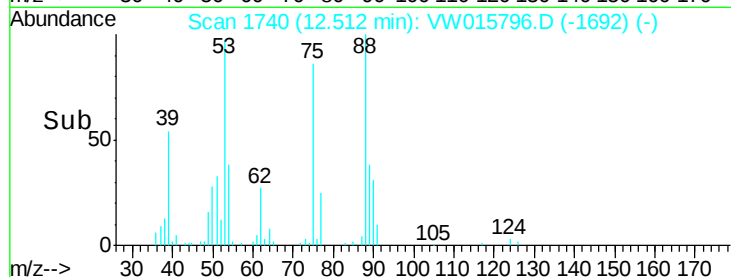
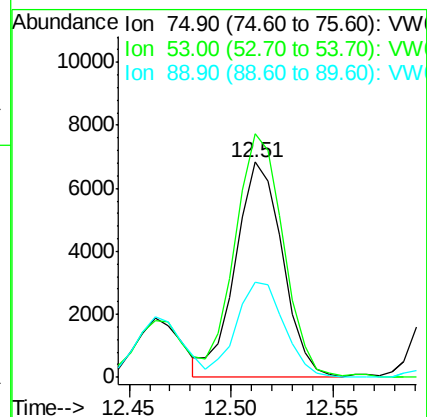
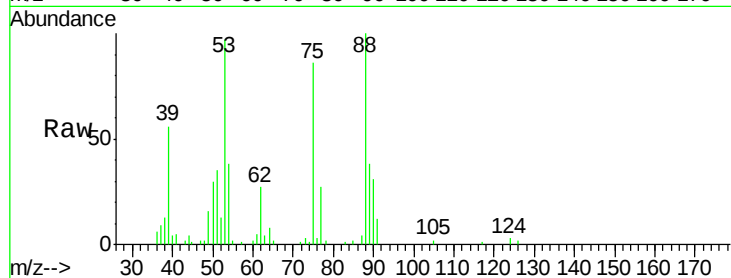
Tot Ion: 75 Resp: 10992

Ion Ratio Lower Upper

75 100

53 115.2 85.9 128.9

89 45.1 36.2 54.4



#82

4-Chlorotoluene

Concen: 20.399 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW015796.D

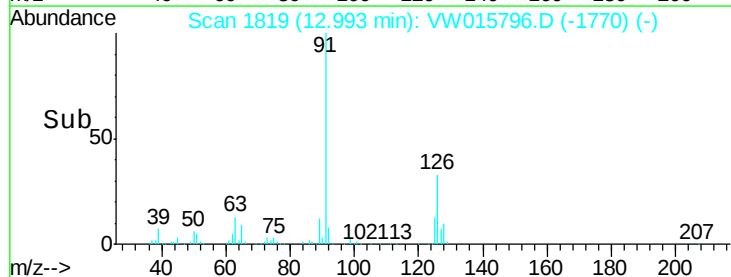
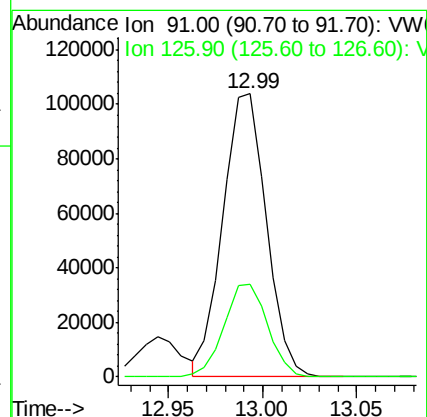
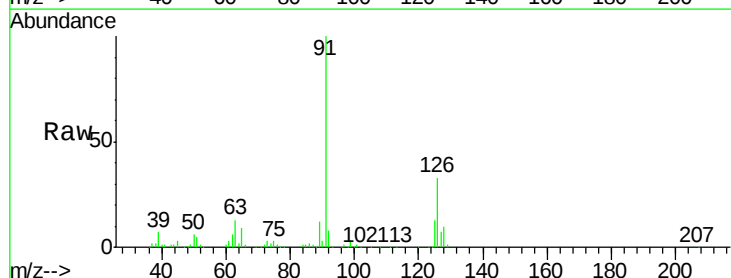
Acq: 07 Jul 2020 17:42

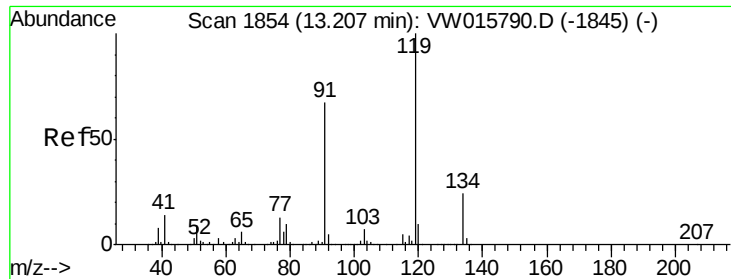
Tgt Ion: 91 Resp: 166528

Ion Ratio Lower Upper

91 100

126 33.0 16.3 48.9

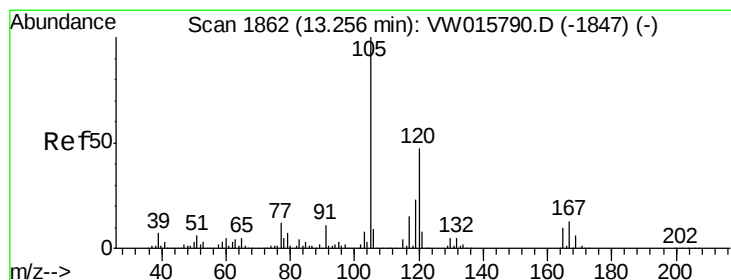
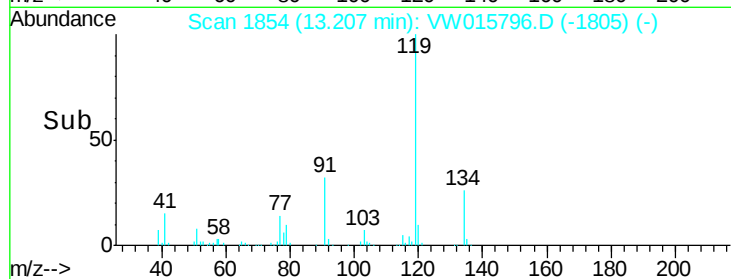
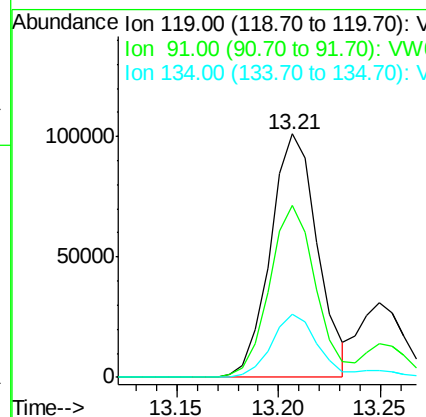
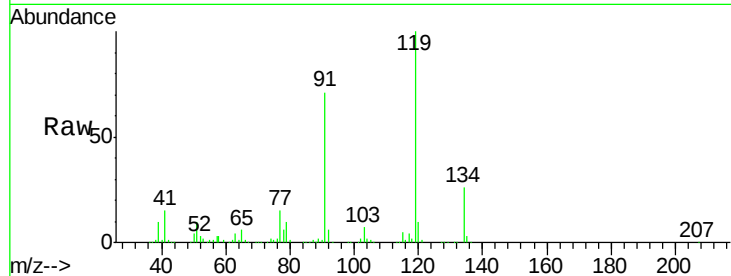




#83
tert-Butylbenzene
Concen: 20.352 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW015796.D
Acq: 07 Jul 2020 17:42

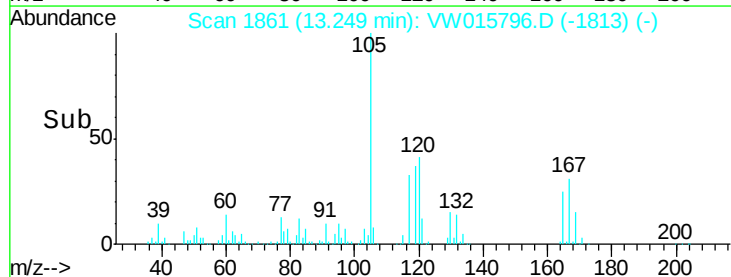
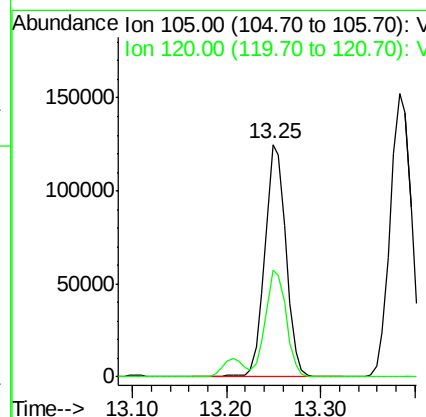
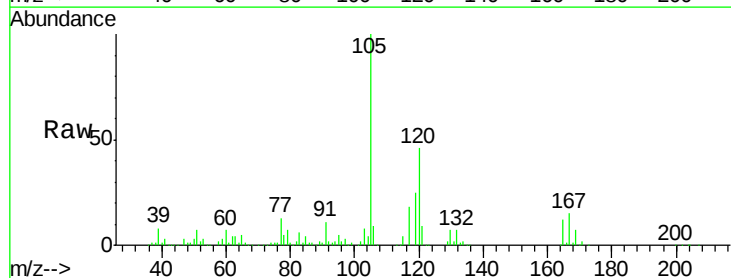
Instrument :
MSVOA_W
ClientSampleId :
VW0707SBS01

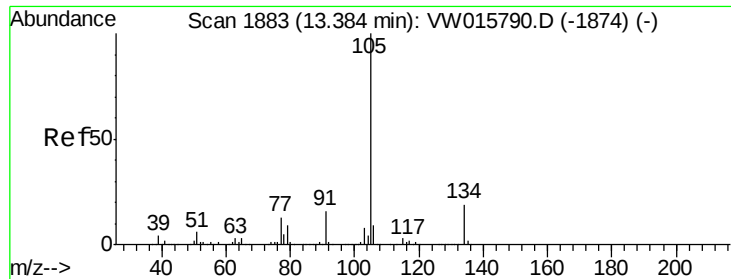
Tot Ion:119 Resp: 162636
Ion Ratio Lower Upper
119 100
91 70.2 34.4 103.3
134 25.3 13.6 40.7



#84
1,2,4-Trimethylbenzene
Concen: 20.691 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VW015796.D
Acq: 07 Jul 2020 17:42

Tgt Ion:105 Resp: 198894
Ion Ratio Lower Upper
105 100
120 45.4 22.8 68.4





#85

sec-Butylbenzene

Concen: 20.780 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW015796.D

Acq: 07 Jul 2020 17:42

Instrument :

MSVOA_W

ClientSampleId :

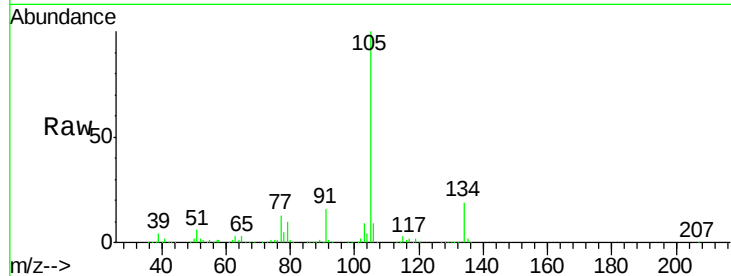
VW0707SBS01

Tot Ion:105 Resp: 239818

Ion Ratio Lower Upper

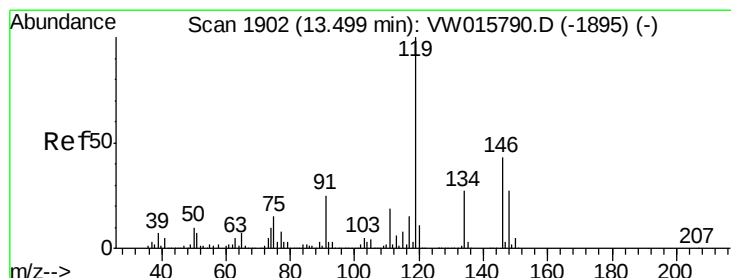
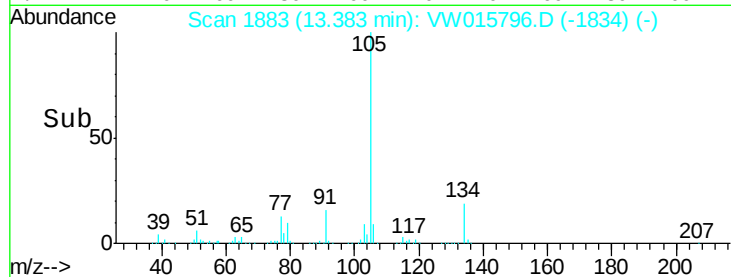
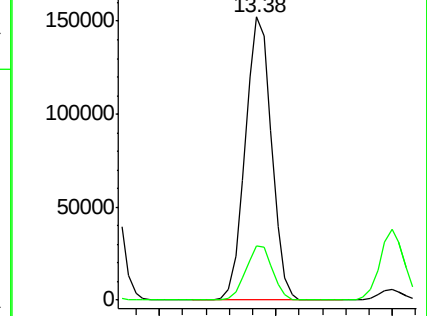
105 100

134 19.5 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.693 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW015796.D

Acq: 07 Jul 2020 17:42

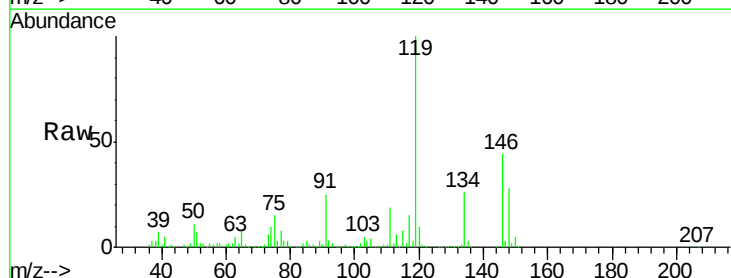
Tgt Ion:119 Resp: 218075

Ion Ratio Lower Upper

119 100

134 25.5 13.2 39.6

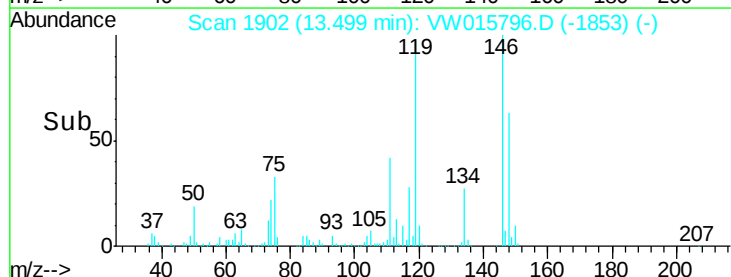
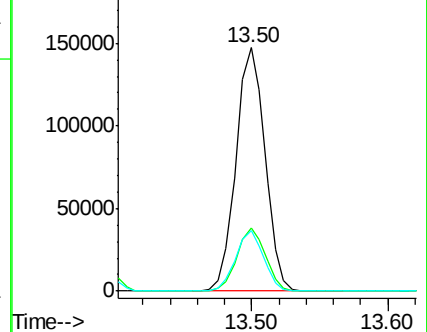
91 24.2 12.2 36.6

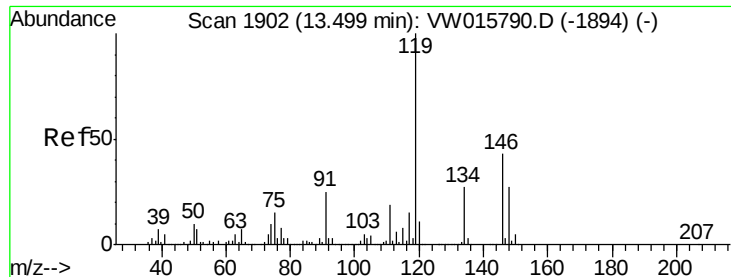


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.956 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW015796.D

Acq: 07 Jul 2020 17:42

Instrument :

MSVOA_W

ClientSampleId :

VW0707SBS01

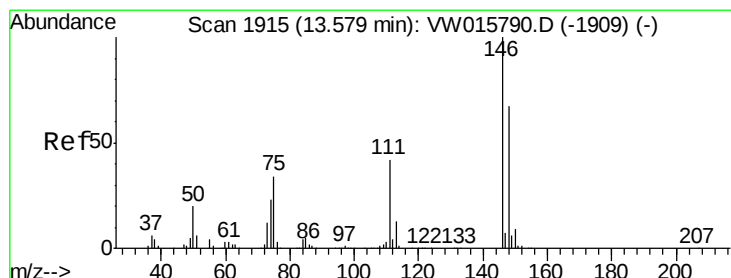
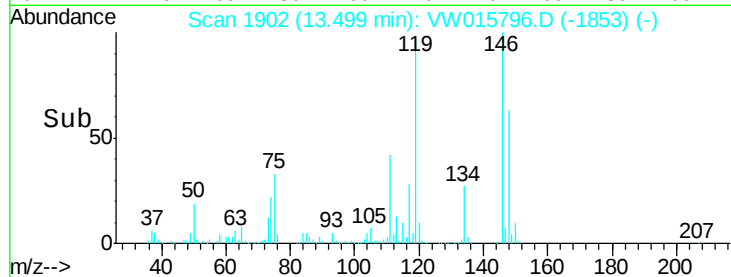
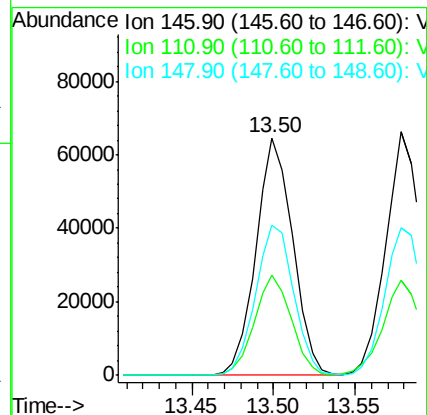
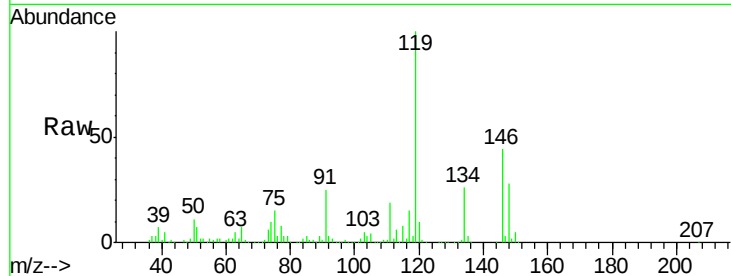
Tot Ion:146 Resp: 101299

Ion Ratio Lower Upper

146 100

111 42.0 20.8 62.4

148 65.2 31.4 94.2



#88

1,4-Dichlorobenzene

Concen: 20.419 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW015796.D

Acq: 07 Jul 2020 17:42

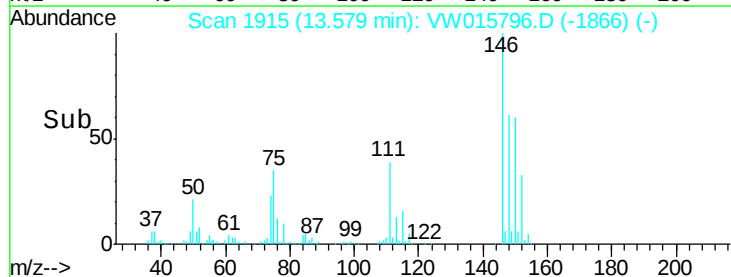
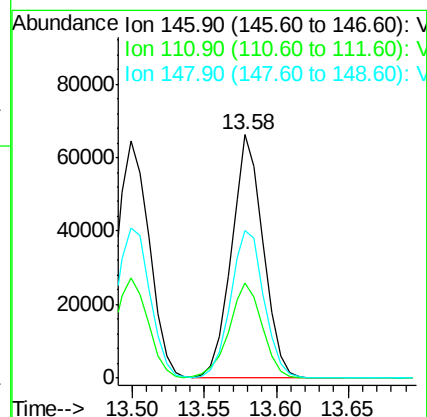
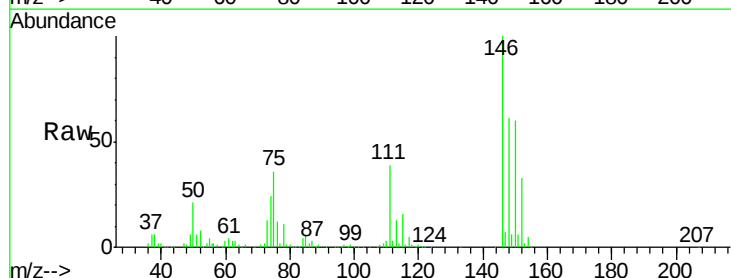
Tgt Ion:146 Resp: 101470

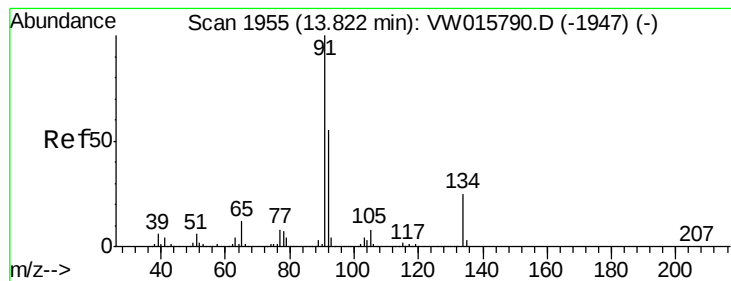
Ion Ratio Lower Upper

146 100

111 41.4 20.2 60.6

148 64.4 31.8 95.4





#89

n-Butylbenzene

Concen: 20.759 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW015796.D

Acq: 07 Jul 2020 17:42

Instrument :

MSVOA_W

ClientSampleId :

VW0707SBS01

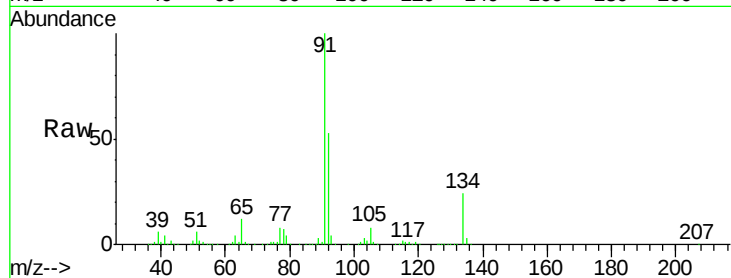
Tot Ion: 91 Resp: 209359

Ion Ratio Lower Upper

91 100

92 53.6 27.2 81.6

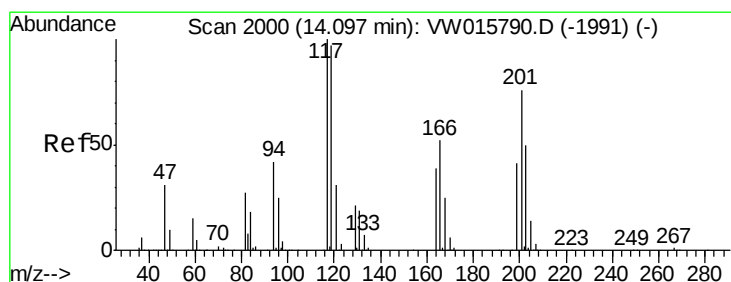
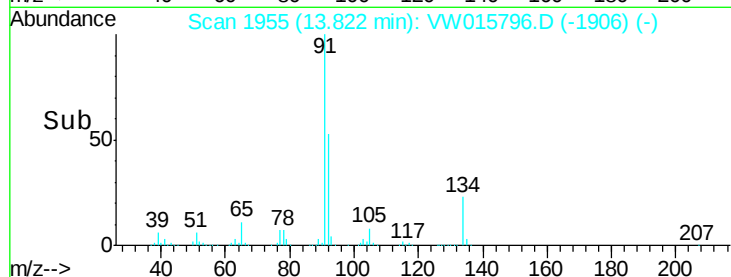
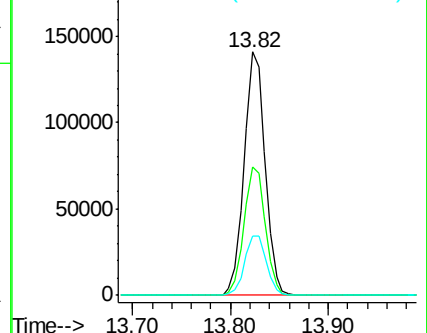
134 25.4 12.7 38.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 19.764 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW015796.D

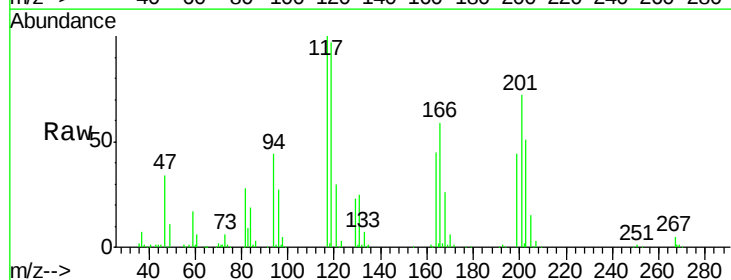
Acq: 07 Jul 2020 17:42

Tgt Ion: 117 Resp: 37753

Ion Ratio Lower Upper

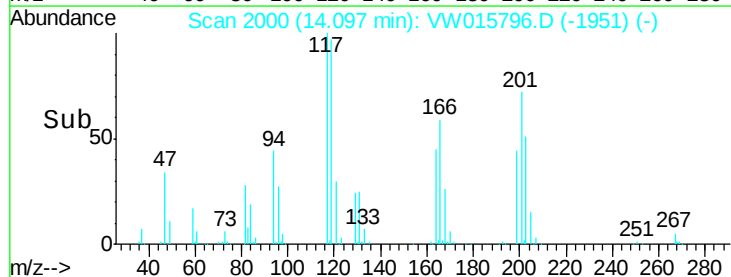
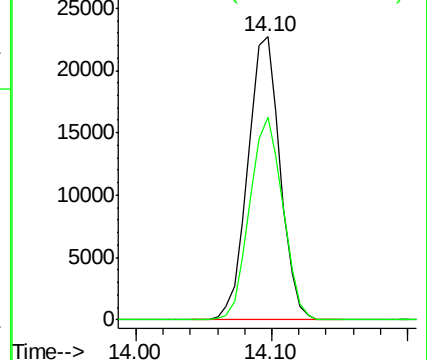
117 100

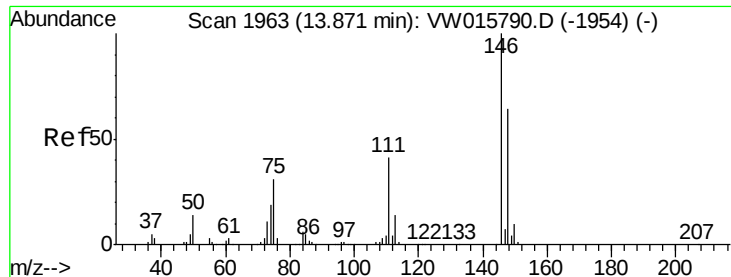
201 73.4 37.1 111.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 20.344 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW015796.D

Acq: 07 Jul 2020 17:42

Instrument :

MSVOA_W

ClientSampleId :

VW0707SBS01

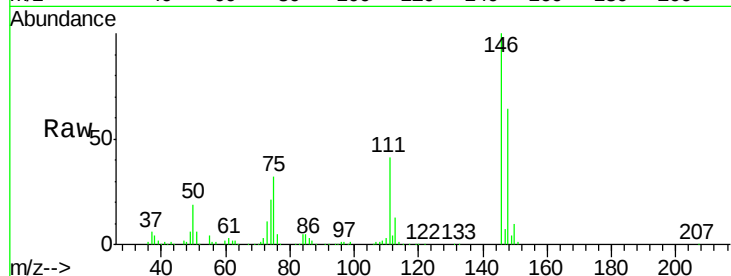
Tot Ion:146 Resp: 89471

Ion Ratio Lower Upper

146 100

111 43.2 20.6 61.9

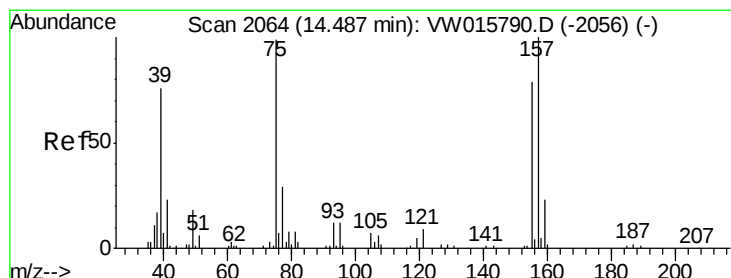
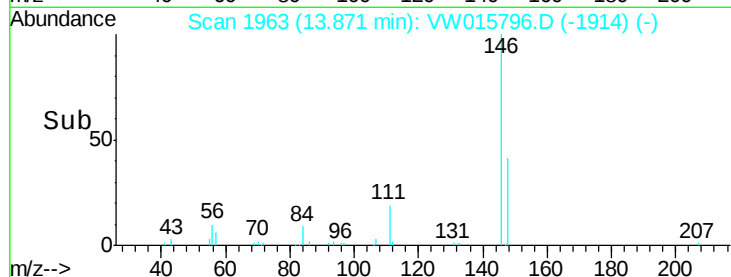
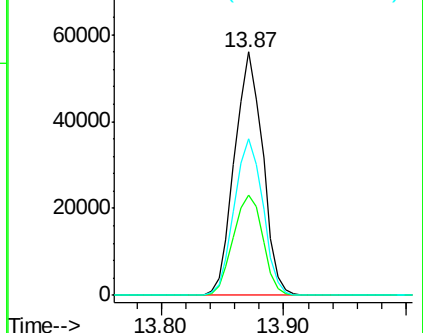
148 65.2 31.8 95.4



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: 20.615 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW015796.D

Acq: 07 Jul 2020 17:42

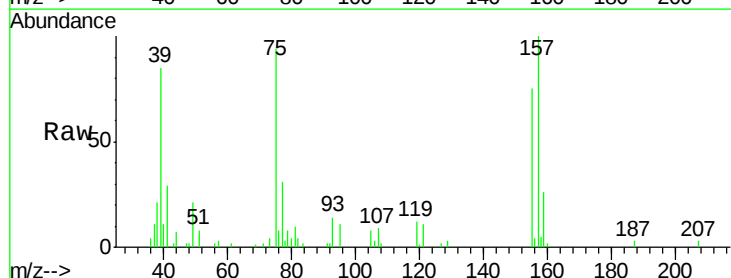
Tgt Ion: 75 Resp: 6181

Ion Ratio Lower Upper

75 100

155 77.1 39.1 117.5

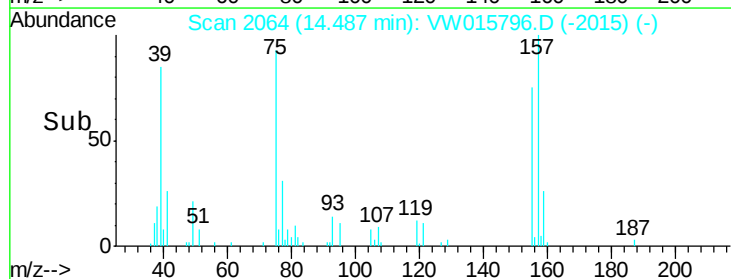
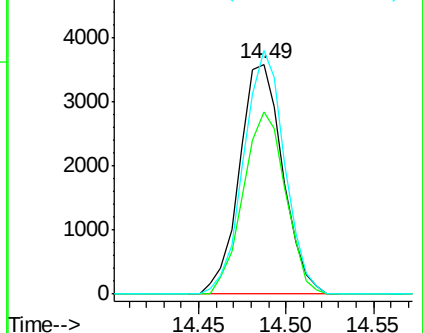
157 100.0 49.1 147.4

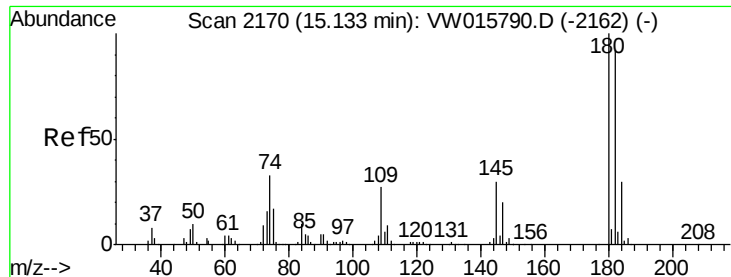


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

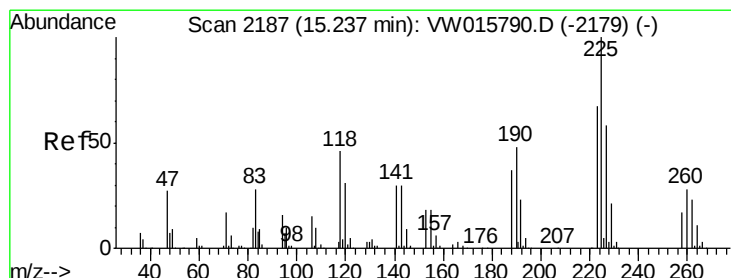
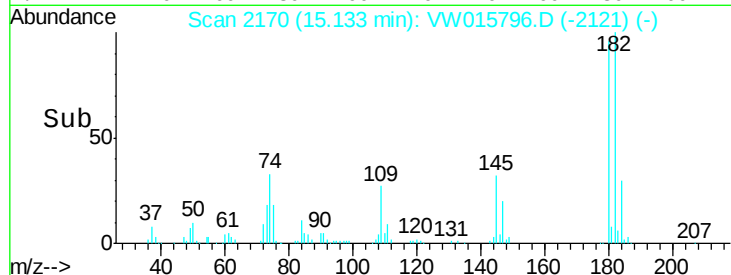
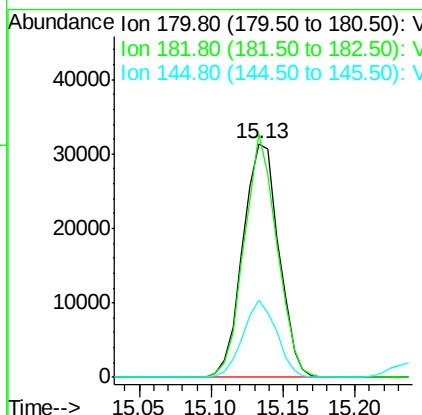
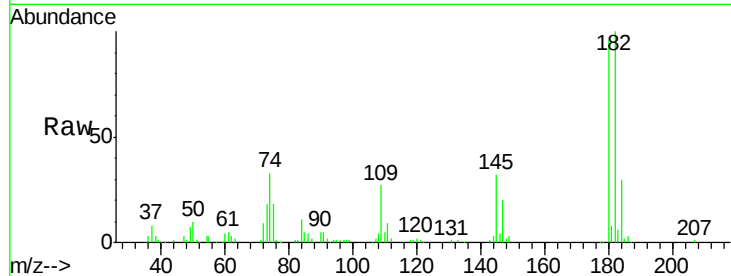




#93
 1,2,4-Trichlorobenzene
 Concen: 19.549 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW015796.D
 Acq: 07 Jul 2020 17:42

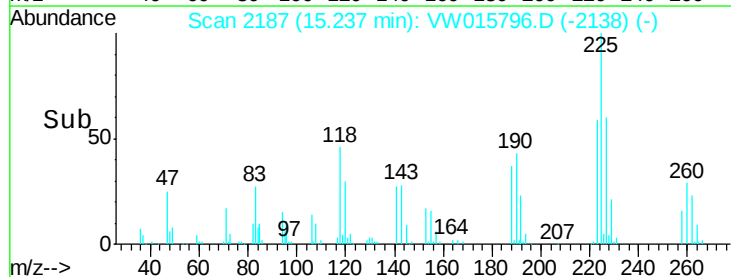
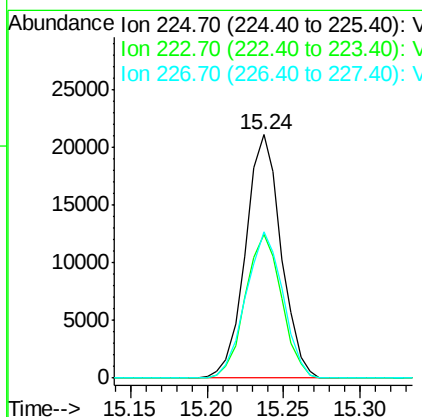
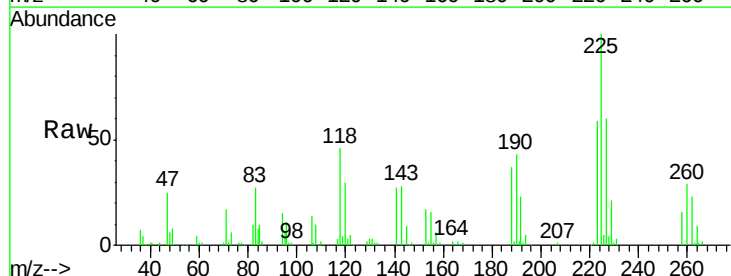
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0707SBS01

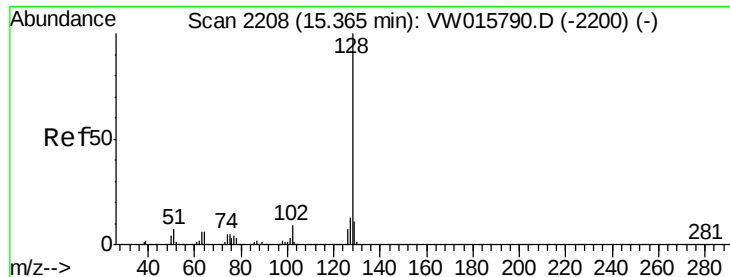
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	46.8	140.3
145	30.8	15.4	46.4



#94
 Hexachlorobutadiene
 Concen: 19.371 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW015796.D
 Acq: 07 Jul 2020 17:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.4	32.4	97.2
227	62.8	30.7	92.1

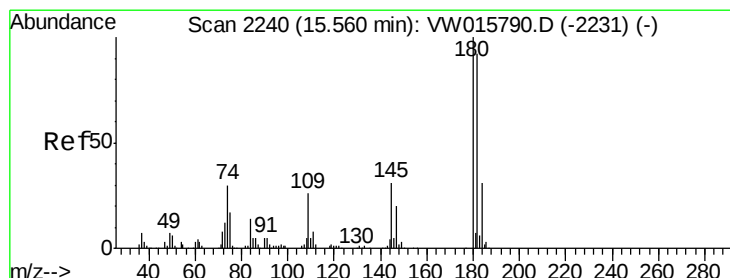
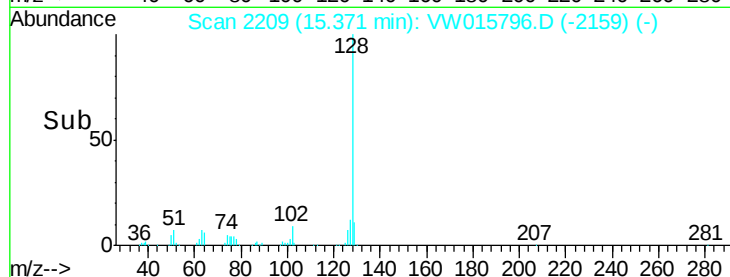
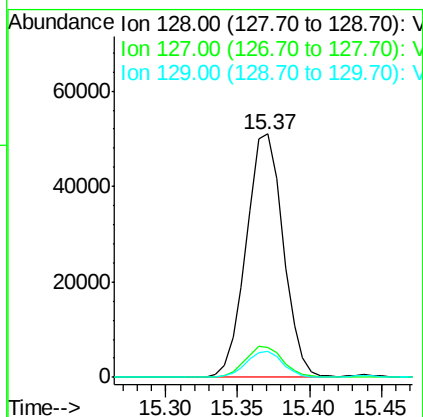
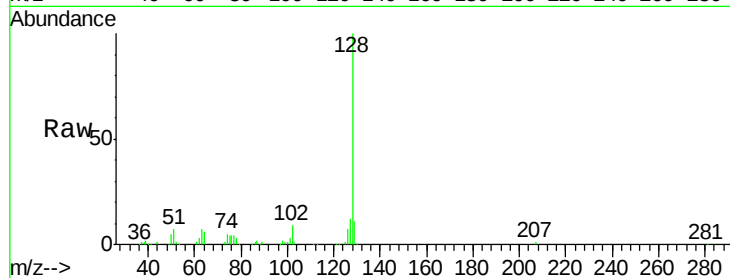




#95
Naphthalene
Concen: 19.359 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW015796.D
Acq: 07 Jul 2020 17:42

Instrument :
MSVOA_W
ClientSampleId :
VW0707SBS01

Tot Ion:128 Resp: 90806
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.072 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW015796.D
Acq: 07 Jul 2020 17:42

Tgt Ion:180 Resp: 44997
Ion Ratio Lower Upper
180 100
182 98.9 47.7 143.1
145 32.9 16.7 50.0

