

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070820\
 Data File : VW015804.D
 Acq On : 08 Jul 2020 12:33
 Operator : SY/VA
 Sample : VW0708SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

Quant Time: Jul 09 04:36:17 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	217707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	340766	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	313588	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	161861	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	105624	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	
35) Dibromofluoromethane	7.88	113	95101	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	
50) Toluene-d8	10.32	98	360361	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
62) 4-Bromofluorobenzene	12.62	95	136247	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	27997	24.418	ug/l	99
3) Chloromethane	2.21	50	31148	20.004	ug/l	98
4) Vinyl Chloride	2.36	62	50991	21.209	ug/l	99
5) Bromomethane	2.78	94	37563	20.419	ug/l	96
6) Chloroethane	2.92	64	33789	20.825	ug/l	100
7) Trichlorofluoromethane	3.26	101	35449	20.516	ug/l	99
8) Diethyl Ether	3.68	74	21090	19.590	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44018	21.763	ug/l	98
10) Methyl Iodide	4.27	142	56879	20.113	ug/l	99
11) Tert butyl alcohol	5.17	59	16187	135.571	ug/l	95
12) 1,1-Dichloroethene	4.03	96	41736	20.987	ug/l	99
13) Acrolein	3.89	56	15085	96.998	ug/l	96
14) Allyl chloride	4.67	41	65290	20.200	ug/l	99
15) Acrylonitrile	5.37	53	42552	101.092	ug/l	98
16) Acetone	4.12	43	48456	115.517	ug/l	99
17) Carbon Disulfide	4.38	76	121546	20.547	ug/l	100
18) Methyl Acetate	4.67	43	18841	19.737	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	60618	20.367	ug/l	97
20) Methylene Chloride	4.91	84	61660	26.471	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	46164	20.042	ug/l	94
22) Diisopropyl ether	6.32	45	132968	20.415	ug/l	98
23) Vinyl Acetate	6.26	43	384197	99.170	ug/l	98
24) 1,1-Dichloroethane	6.21	63	84519	20.495	ug/l	98
25) 2-Butanone	7.17	43	60262	105.837	ug/l	99
26) 2,2-Dichloropropane	7.17	77	54846	21.200	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	49250	19.913	ug/l	96
28) Bromochloromethane	7.51	49	35100	21.470	ug/l	98
29) Tetrahydrofuran	7.53	42	35290	102.136	ug/l	99
30) Chloroform	7.68	83	85474	20.276	ug/l	96
31) Cyclohexane	7.96	56	79114	20.384	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	73449	20.779	ug/l	99
36) 1,1-Dichloropropene	8.09	75	69999	20.838	ug/l	100
37) Ethyl Acetate	7.26	43	25539	19.567	ug/l	99
38) Carbon Tetrachloride	8.07	117	66155	20.353	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	82286	20.759	ug/l	98
40) Benzene	8.32	78	190914	20.748	ug/l	100
41) Methacrylonitrile	7.48	41	15056	20.318	ug/l	97
42) 1,2-Dichloroethane	8.40	62	59249	20.689	ug/l	100
43) Isopropyl Acetate	8.43	43	50233	19.717	ug/l	99
44) Trichloroethene	9.09	130	49714	20.426	ug/l	93
45) 1,2-Dichloropropane	9.37	63	46165	20.411	ug/l	100
46) Dibromomethane	9.46	93	23623	20.287	ug/l	98
47) Bromodichloromethane	9.65	83	61339	20.366	ug/l	96
48) Methyl methacrylate	9.44	41	23493	20.120	ug/l	96
49) 1,4-Dioxane	9.45	88	6209	431.298	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	124752	100.345	ug/l	99
52) Toluene	10.39	92	122480	20.684	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	56945	19.705	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	69449	20.091	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	32569	20.171	ug/l	97
56) Ethyl methacrylate	10.65	69	38768	19.530	ug/l	97
57) 1,3-Dichloropropane	10.93	76	58111	20.331	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	91706	94.548	ug/l	99
59) 2-Hexanone	10.97	43	87115	104.998	ug/l	100
60) Dibromochloromethane	11.13	129	37098	19.894	ug/l	98
61) 1,2-Dibromoethane	11.24	107	31384	20.314	ug/l	96
64) Tetrachloroethene	10.87	164	40532	20.424	ug/l	97
65) Chlorobenzene	11.66	112	125563	20.475	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	43323	19.963	ug/l	96
67) Ethyl Benzene	11.73	91	234913	20.685	ug/l	95
68) m/p-Xylenes	11.84	106	178968	41.951	ug/l	100
69) o-Xylene	12.17	106	80541	20.683	ug/l	100
70) Styrene	12.18	104	138159	20.619	ug/l	99
71) Bromoform	12.35	173	19278	19.462	ug/l #	98
73) Isopropylbenzene	12.46	105	229048	20.087	ug/l	99
74) N-amyl acetate	12.27	43	47192	19.344	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	37289	19.681	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	47297	33.248	ug/l	32
77) Bromobenzene	12.75	156	51489	20.137	ug/l	94
78) n-propylbenzene	12.80	91	283961	20.516	ug/l	99
79) 2-Chlorotoluene	12.90	91	159522	20.211	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	198117	20.385	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	10180	18.739	ug/l	93
82) 4-Chlorotoluene	12.99	91	170065	20.633	ug/l	99
83) tert-Butylbenzene	13.21	119	165890	20.560	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	201339	20.744	ug/l	98
85) sec-Butylbenzene	13.38	105	240379	20.629	ug/l	99
86) p-Isopropyltoluene	13.50	119	218180	20.505	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	104906	20.468	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	101916	20.312	ug/l	98
89) n-Butylbenzene	13.82	91	214922	21.107	ug/l	99
90) Hexachloroethane	14.10	117	38345	19.882	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	90756	20.439	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5858	19.350	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Jul 08 08:28:05 2020
Response via : Initial Calibration

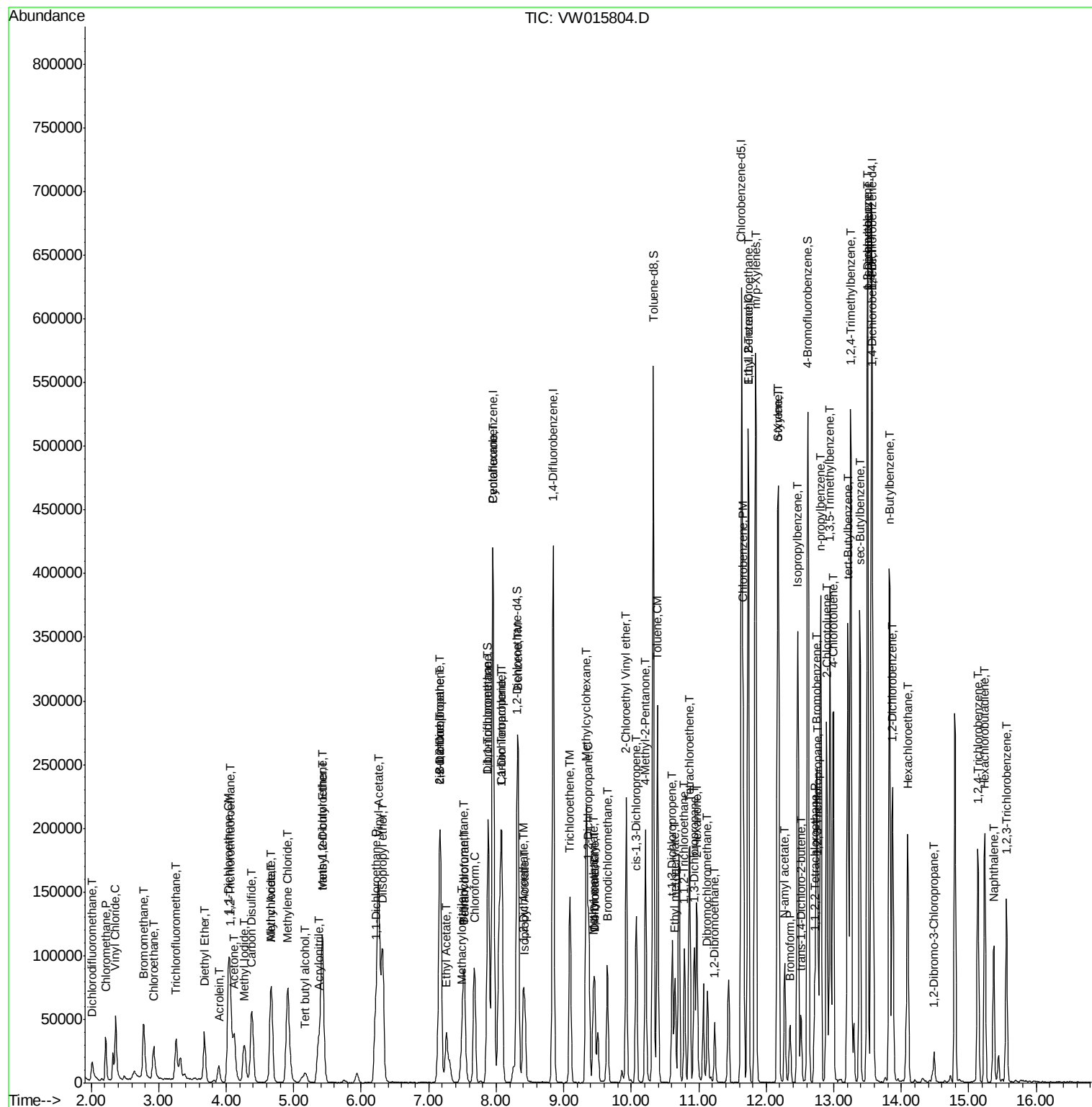
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	55948	19.985	ug/l	98
94) Hexachlorobutadiene	15.24	225	35672	20.069	ug/l	97
95) Naphthalene	15.37	128	90212	19.093	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	48001	20.151	ug/l	98

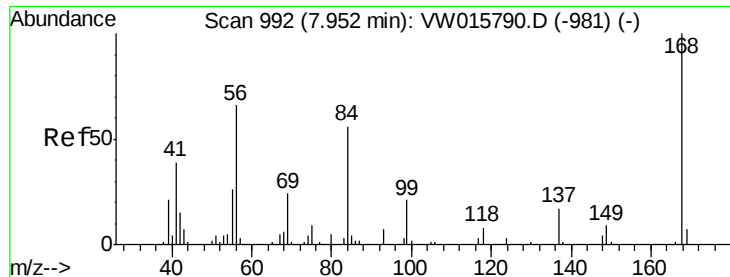
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 08 08:28:05 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW015804.D

Acq: 08 Jul 2020 12:33

Instrument :

MSVOA_W

ClientSampled :

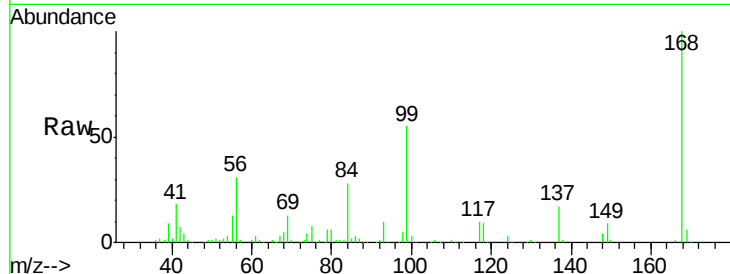
VW0708SBS01

Tot Ion:168 Resp: 217707

Ion Ratio Lower Upper

168 100

99 54.6 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

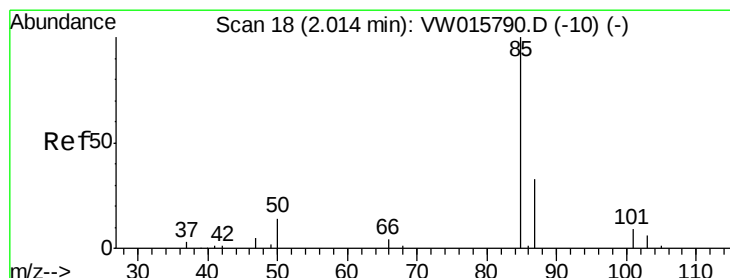
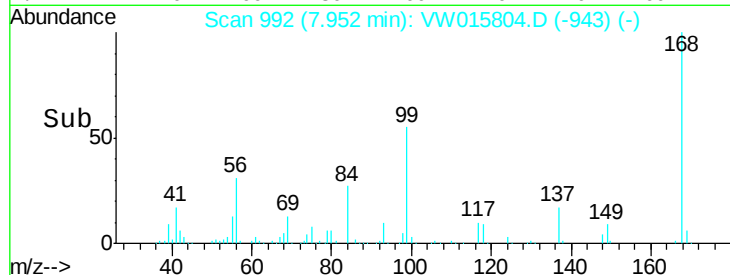
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 24.418 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW015804.D

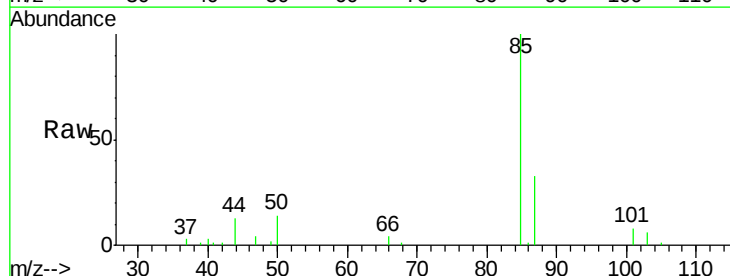
Acq: 08 Jul 2020 12:33

Tgt Ion: 85 Resp: 27997

Ion Ratio Lower Upper

85 100

87 33.3 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

10000

8000

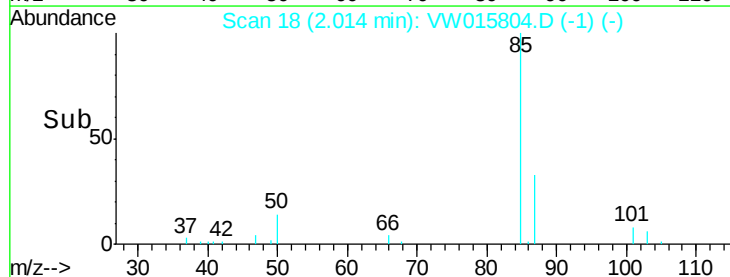
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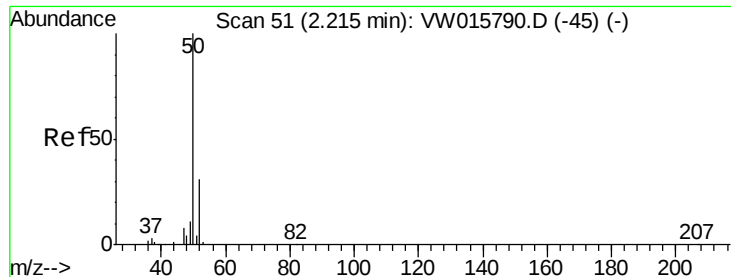
4000

2000

0

Time-->





#3

Chloromethane

Concen: 20.004 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW015804.D

Acq: 08 Jul 2020 12:33

Instrument :

MSVOA_W

ClientSampleId :

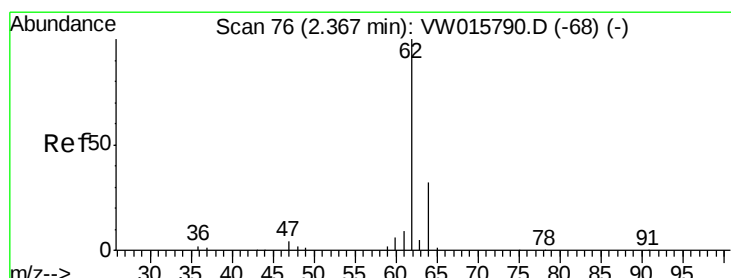
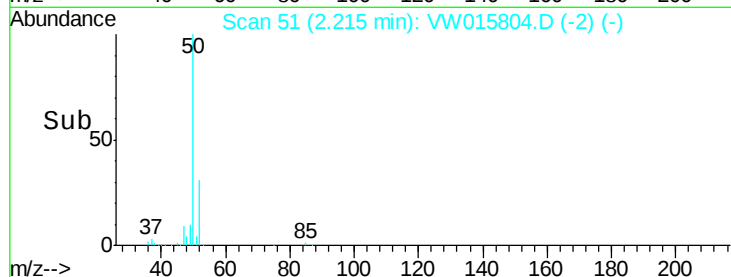
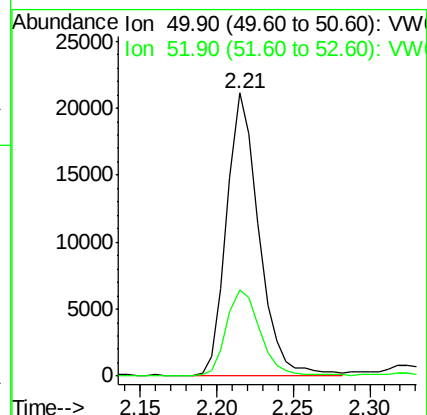
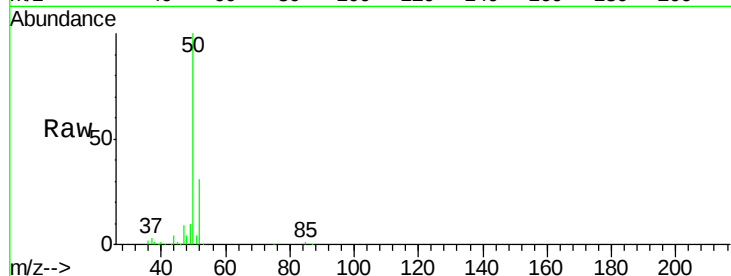
VW0708SBS01

Tot Ion: 50 Resp: 31148

Ion Ratio Lower Upper

50 100

52 30.7 25.2 37.8



#4

Vinyl Chloride

Concen: 21.209 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW015804.D

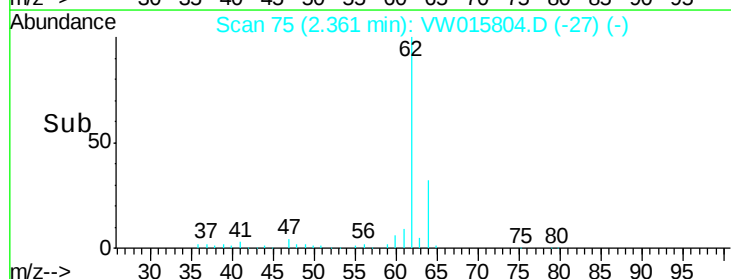
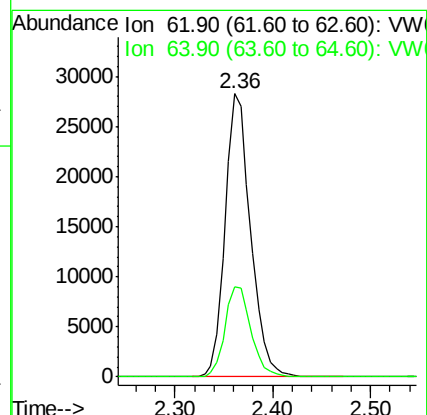
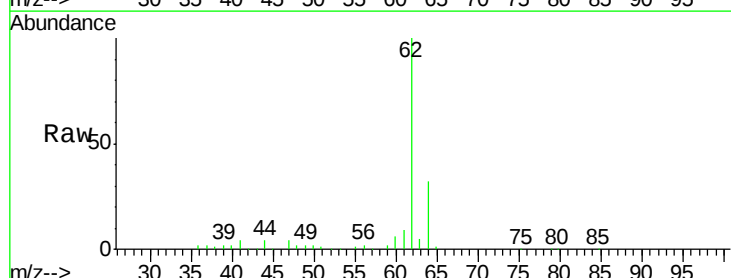
Acq: 08 Jul 2020 12:33

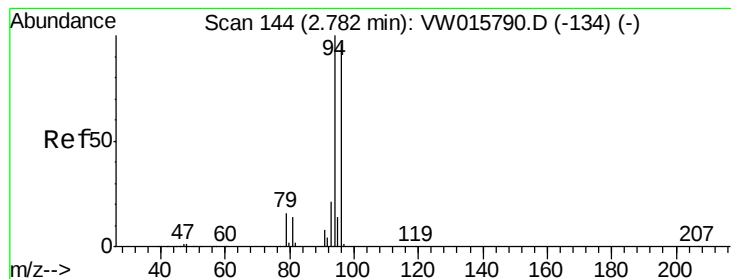
Tgt Ion: 62 Resp: 50991

Ion Ratio Lower Upper

62 100

64 31.9 25.8 38.8





#5

Bromomethane

Concen: 20.419 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW015804.D

Acq: 08 Jul 2020 12:33

Instrument :

MSVOA_W

ClientSampleId :

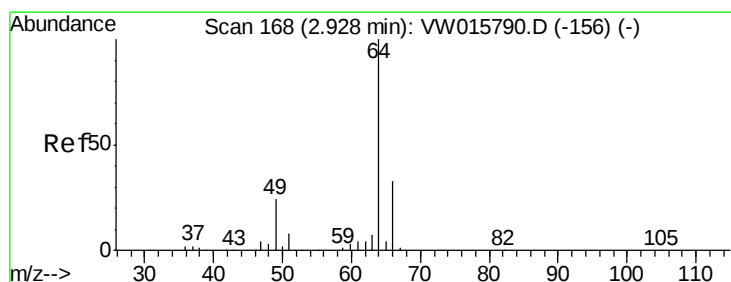
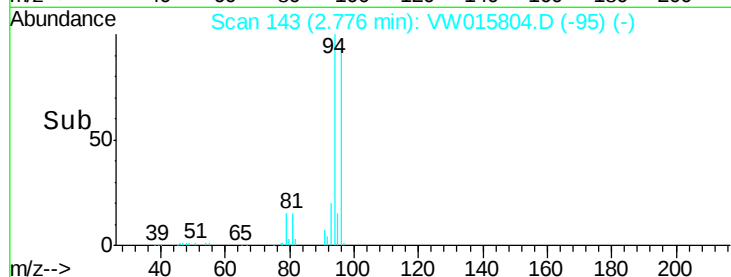
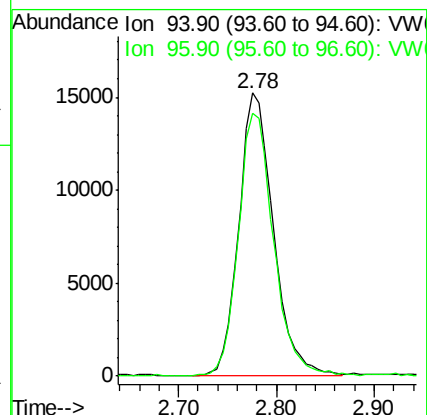
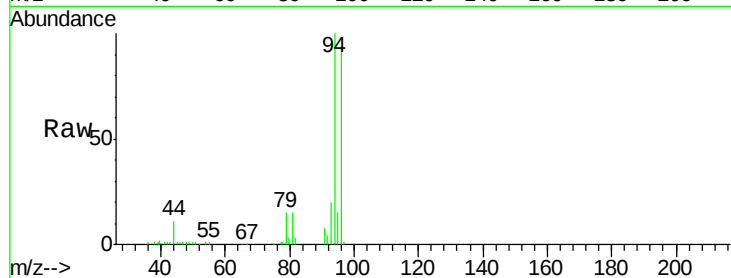
VW0708SBS01

Tot Ion: 94 Resp: 37563

Ion Ratio Lower Upper

94 100

96 92.5 76.7 115.1



#6

Chloroethane

Concen: 20.825 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW015804.D

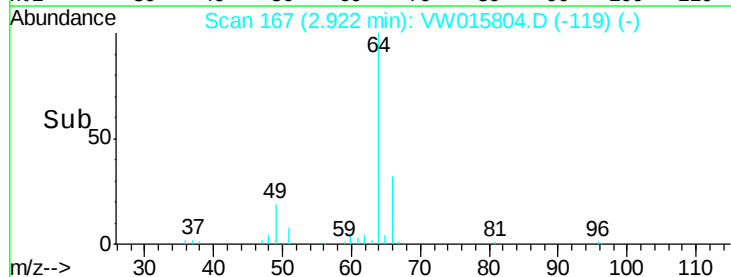
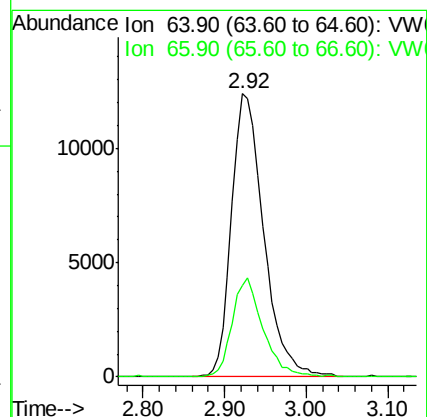
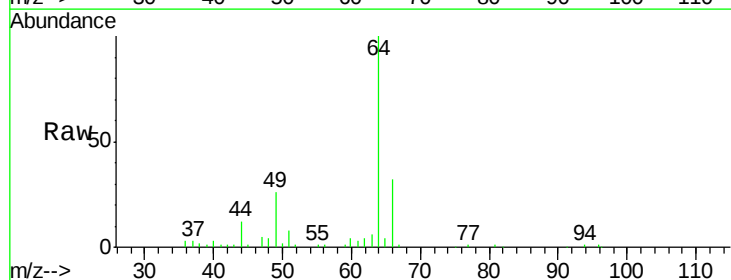
Acq: 08 Jul 2020 12:33

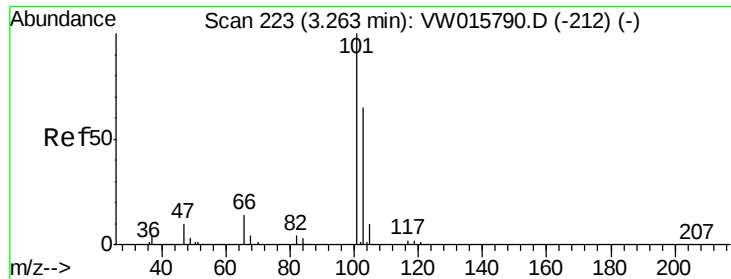
Tgt Ion: 64 Resp: 33789

Ion Ratio Lower Upper

64 100

66 32.2 26.0 39.0



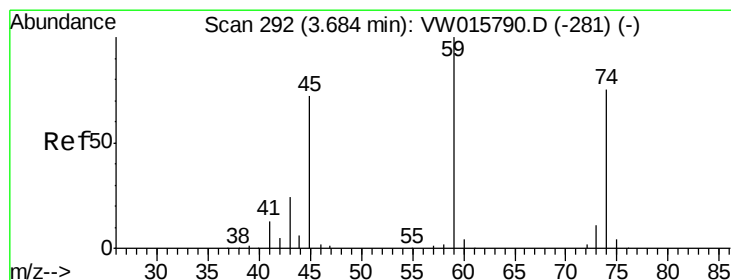
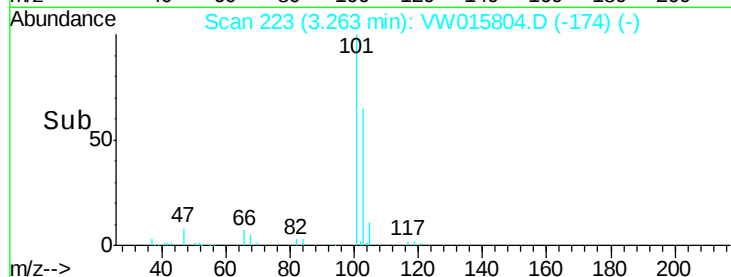
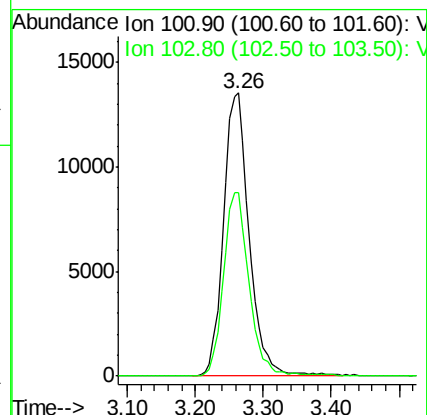
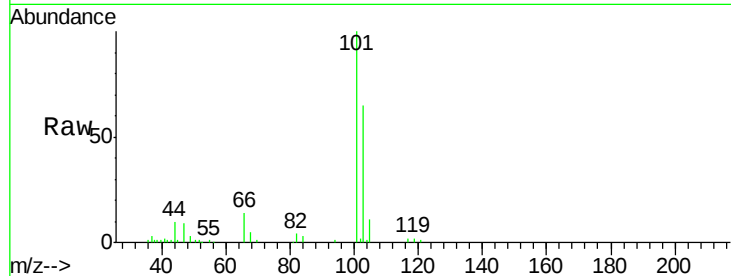


#7

Trichlorofluoromethane
 Concen: 20.516 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW015804.D
 Acq: 08 Jul 2020 12:33

Instrument :
 MSVOA_W
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 VW0708SBS01

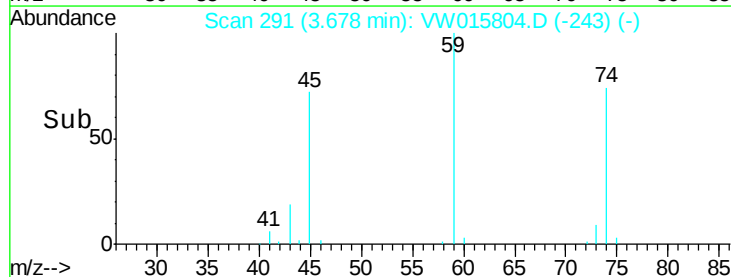
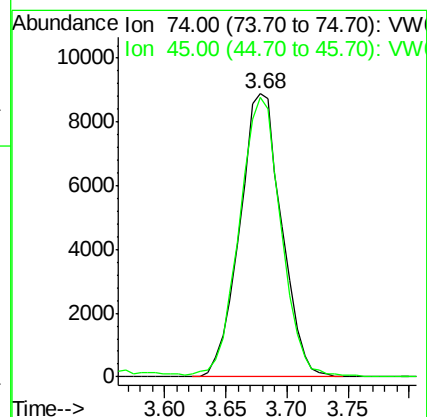
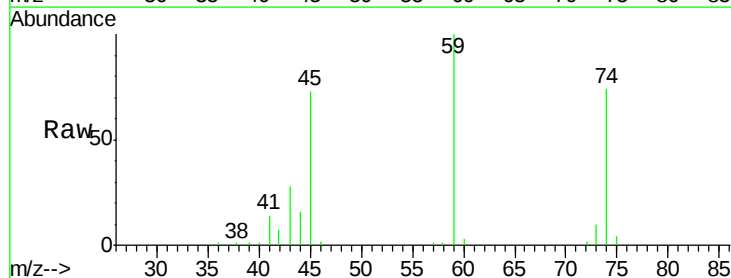
Tot Ion:101 Resp: 35449
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.2 78.4

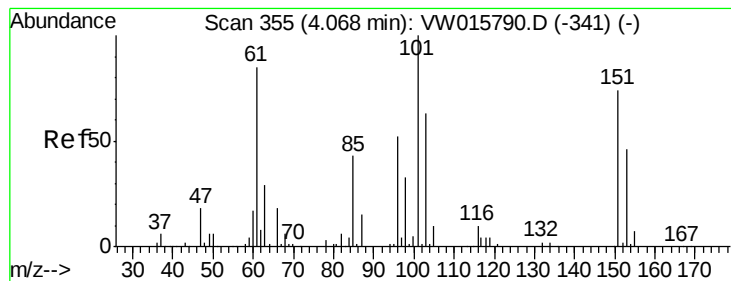


#8

Diethyl Ether
 Concen: 19.590 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW015804.D
 Acq: 08 Jul 2020 12:33

Tgt Ion: 74 Resp: 21090
 Ion Ratio Lower Upper
 74 100
 45 98.8 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.763 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW015804.D

Acq: 08 Jul 2020 12:33

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBS01

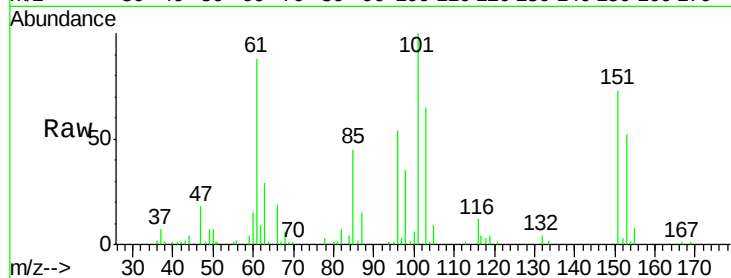
Tot Ion:101 Resp: 44018

Ion Ratio Lower Upper

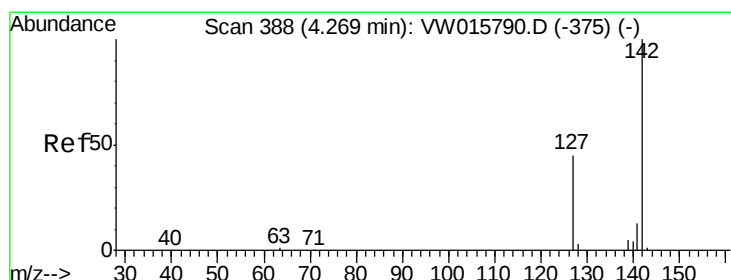
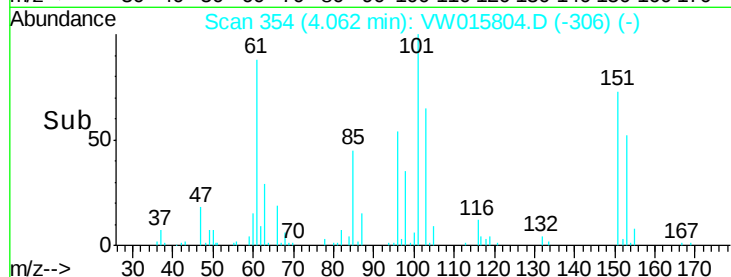
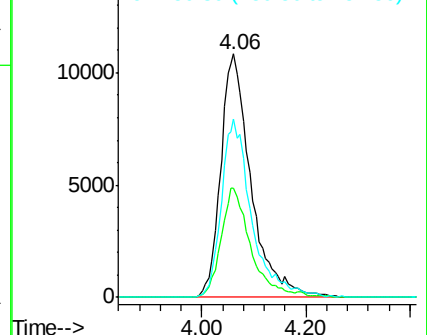
101 100

85 43.6 36.1 54.1

151 73.2 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: 20.113 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW015804.D

Acq: 08 Jul 2020 12:33

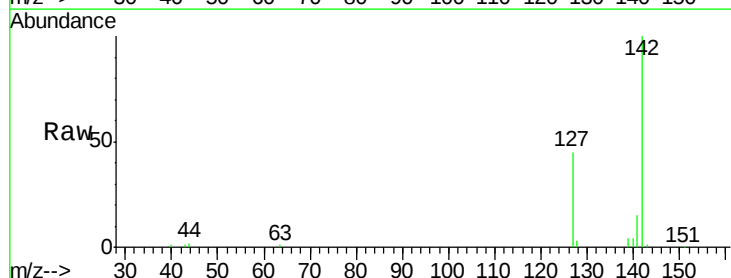
Tgt Ion:142 Resp: 56879

Ion Ratio Lower Upper

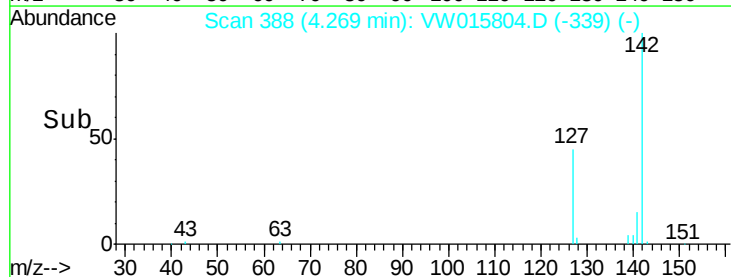
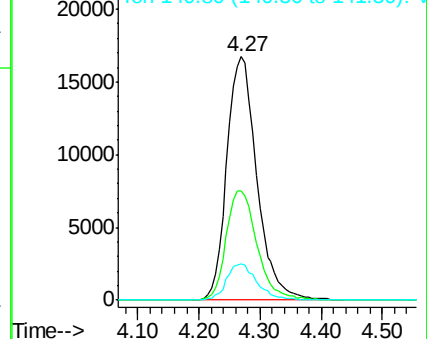
142 100

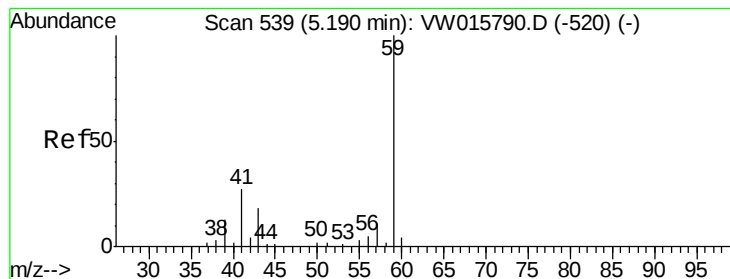
127 45.9 36.1 54.1

141 14.9 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



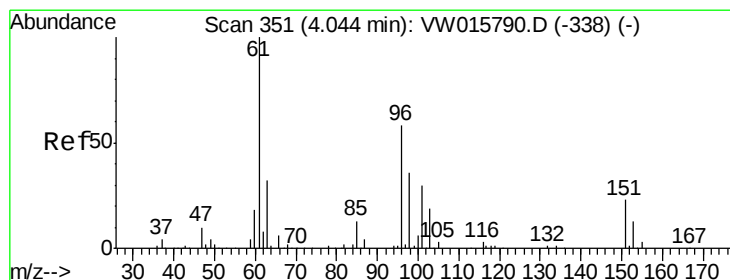
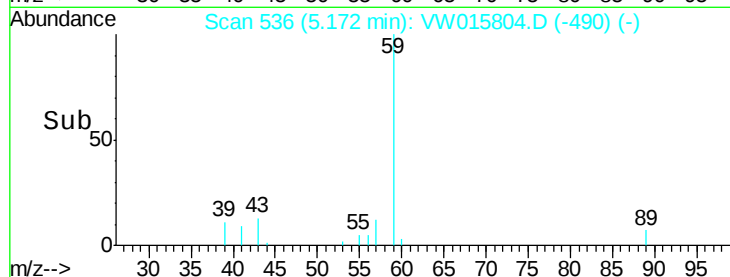
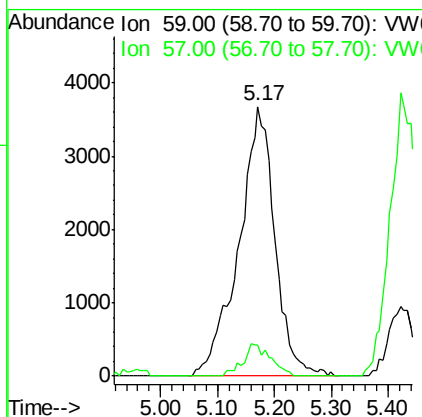
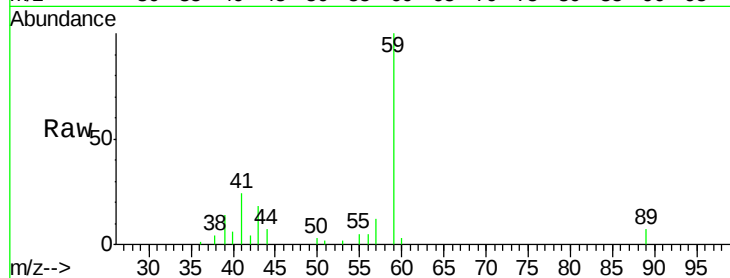


#11

Tert butyl alcohol
 Concen: 135.571 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. -0.02 min
 Lab File: VW015804.D
 Acq: 08 Jul 2020 12:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

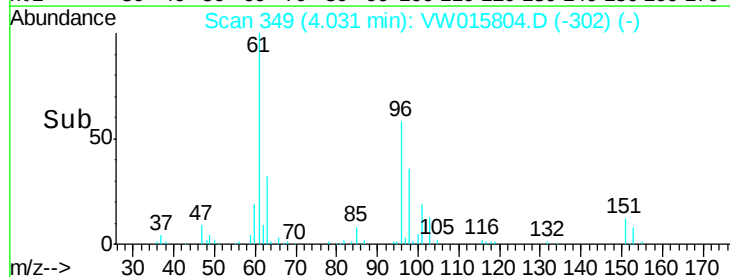
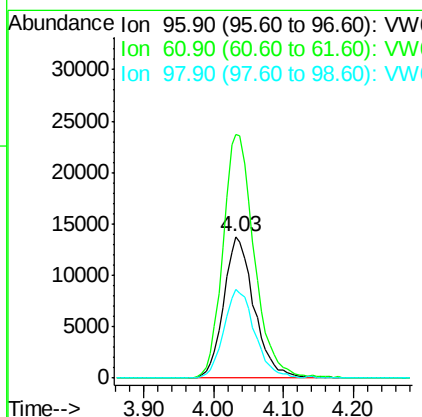
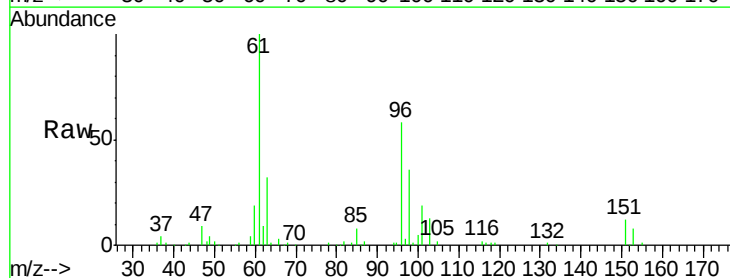
Tot Ion: 59 Resp: 16187
 Ion Ratio Lower Upper
 59 100
 57 9.1 8.7 13.1

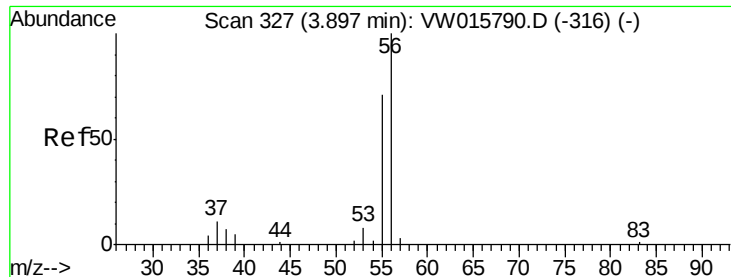


#12

1,1-Dichloroethene
 Concen: 20.987 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW015804.D
 Acq: 08 Jul 2020 12:33

Tgt Ion: 96 Resp: 41736
 Ion Ratio Lower Upper
 96 100
 61 172.4 137.0 205.4
 98 62.4 49.3 73.9

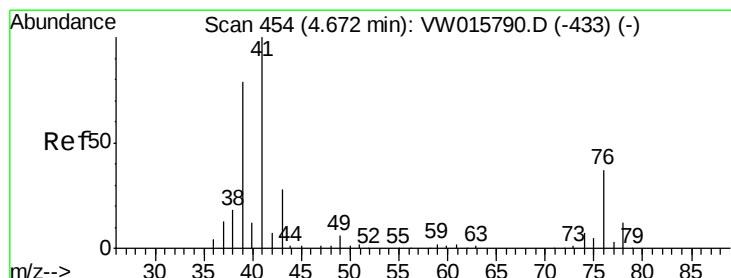
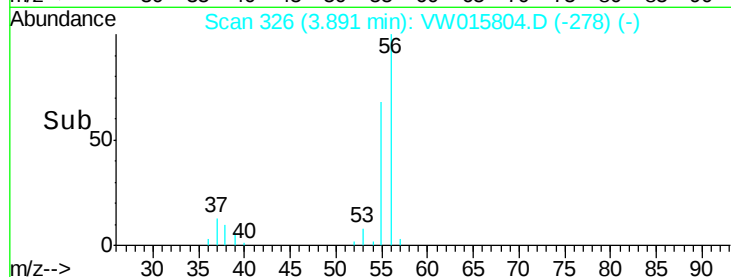
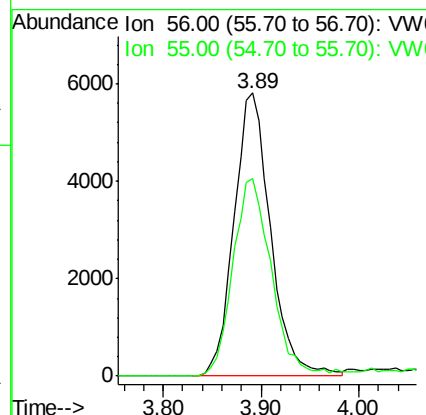
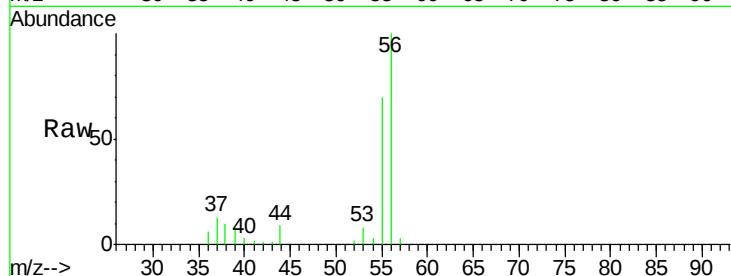




#13
 Acrolein
 Concen: 96.998 ug/l
 RT: 3.89 min Scan# 326
 Delta R.T. -0.01 min
 Lab File: VW015804.D
 Acq: 08 Jul 2020 12:33

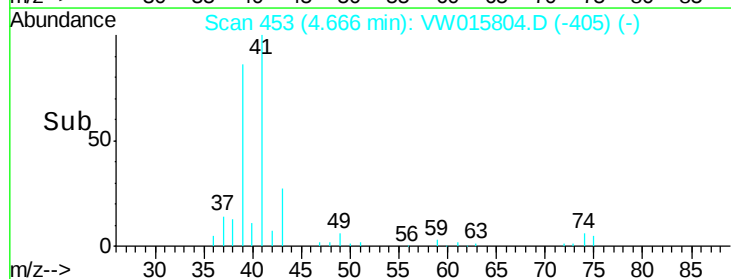
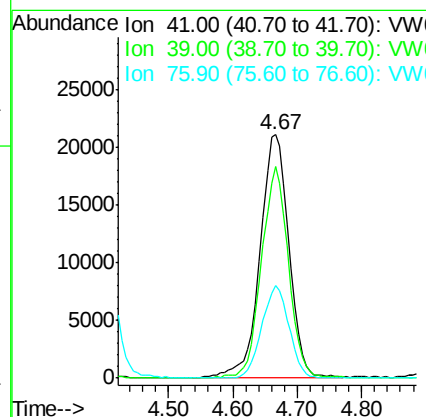
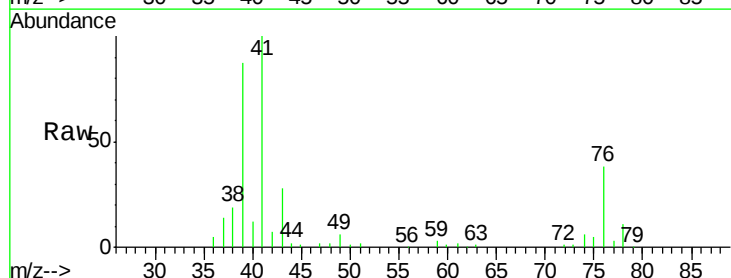
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

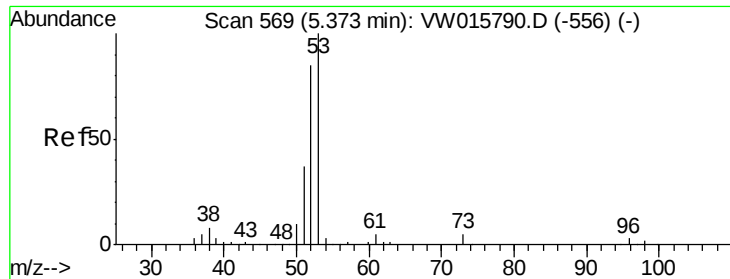
Tot Ion: 56 Resp: 15085
 Ion Ratio Lower Upper
 56 100
 55 72.7 55.8 83.6



#14
 Allyl chloride
 Concen: 20.200 ug/l
 RT: 4.67 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: VW015804.D
 Acq: 08 Jul 2020 12:33

Tgt Ion: 41 Resp: 65290
 Ion Ratio Lower Upper
 41 100
 39 81.2 64.0 96.0
 76 35.7 28.9 43.3





#15

Acrylonitrile

Concen: 101.092 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW015804.D

Acq: 08 Jul 2020 12:33

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBS01

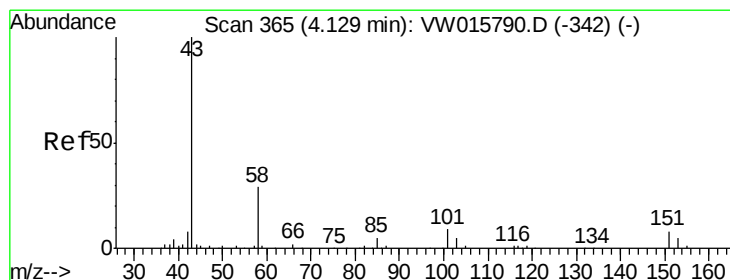
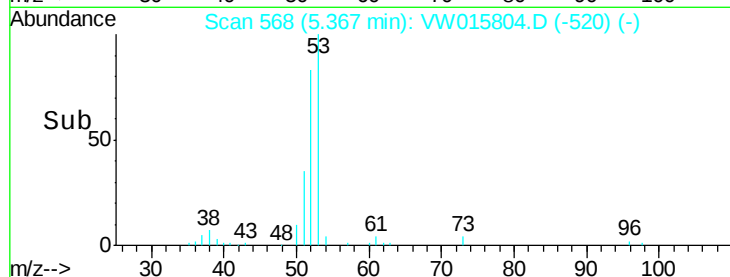
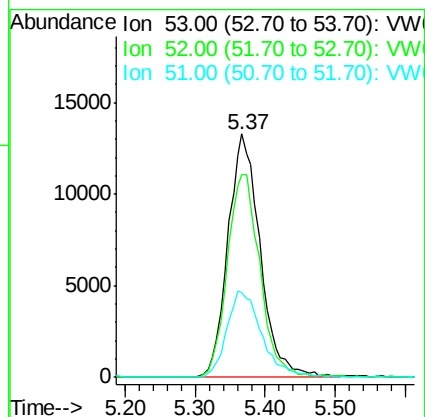
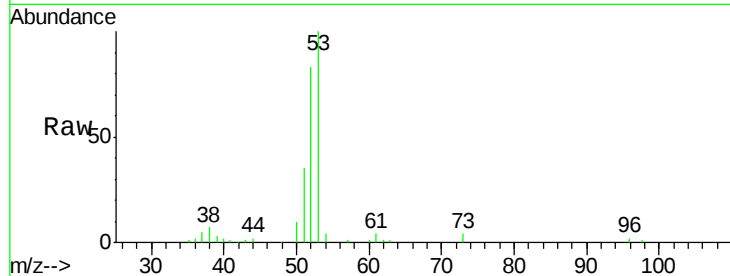
Tot Ion: 53 Resp: 42552

Ion Ratio Lower Upper

53 100

52 83.9 65.8 98.8

51 38.5 30.2 45.2



#16

Acetone

Concen: 115.517 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW015804.D

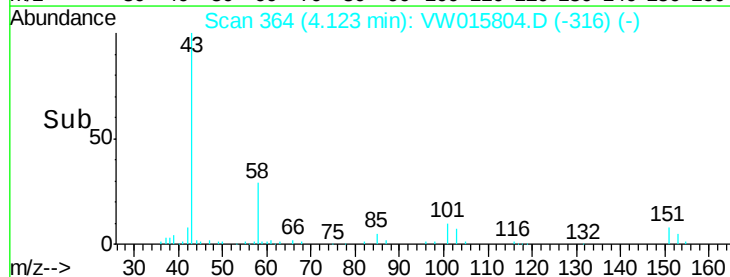
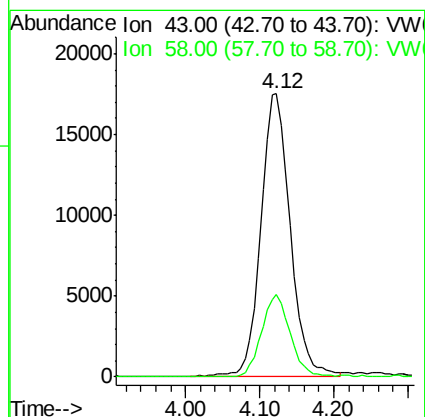
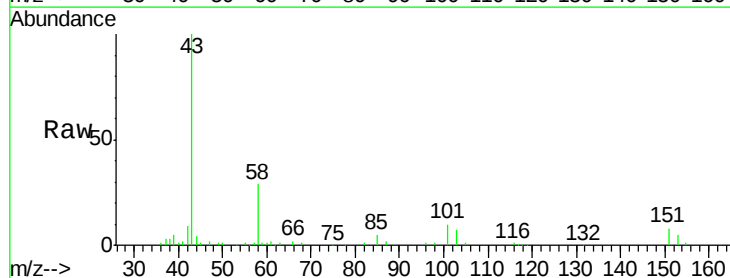
Acq: 08 Jul 2020 12:33

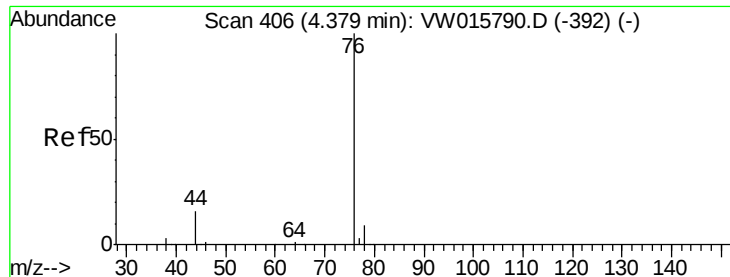
Tgt Ion: 43 Resp: 48456

Ion Ratio Lower Upper

43 100

58 28.9 23.5 35.3

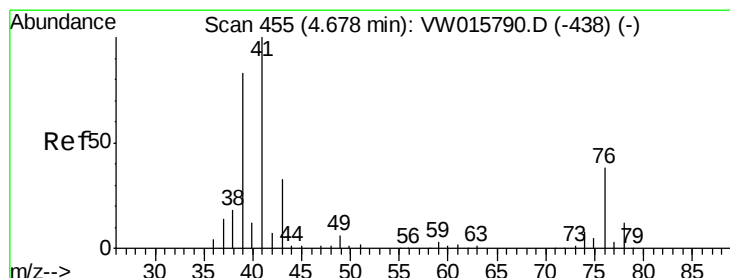
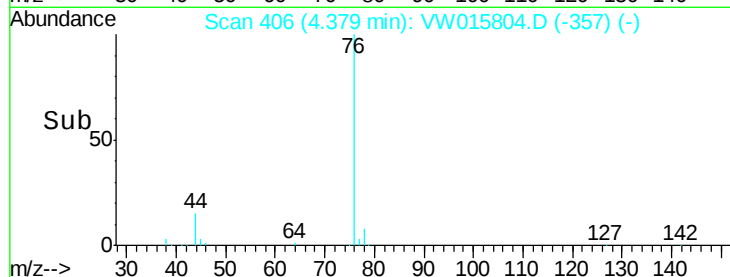
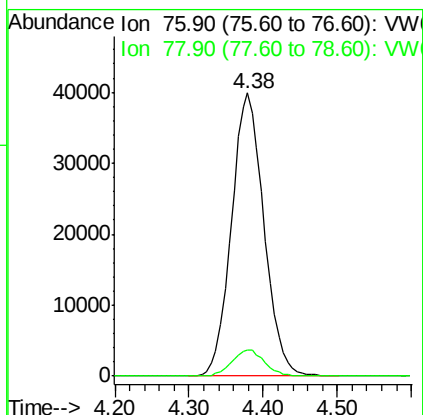
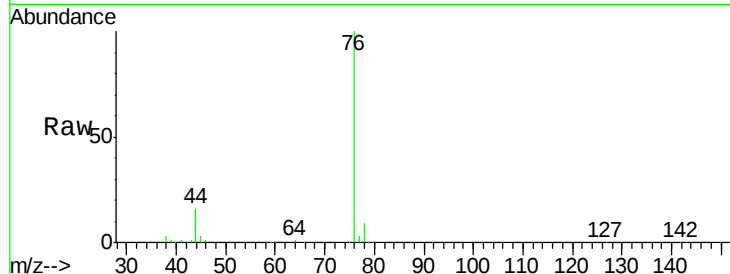




#17
Carbon Disulfide
Concen: 20.547 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW015804.D
Acq: 08 Jul 2020 12:33

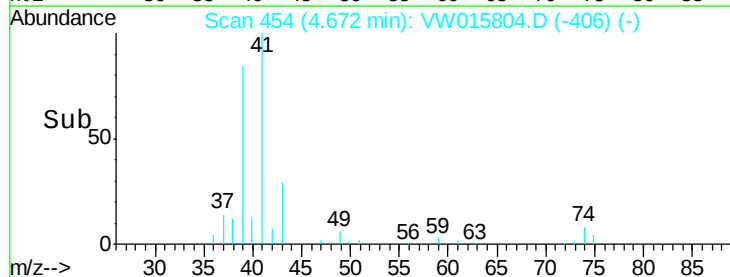
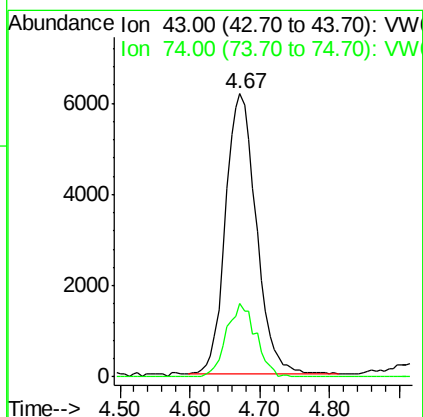
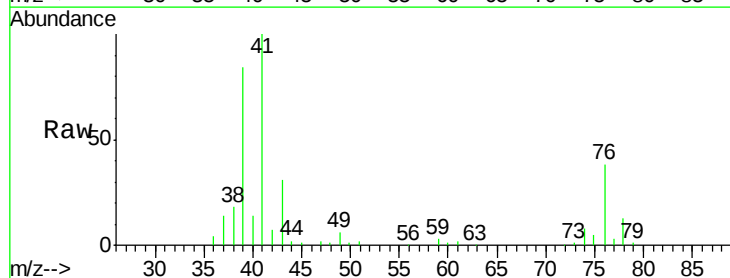
Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

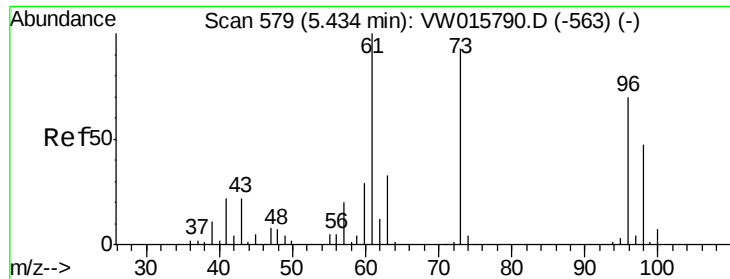
Tot Ion: 76 Resp: 121546
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 19.737 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW015804.D
Acq: 08 Jul 2020 12:33

Tgt Ion: 43 Resp: 18841
Ion Ratio Lower Upper
43 100
74 25.1 19.2 28.8

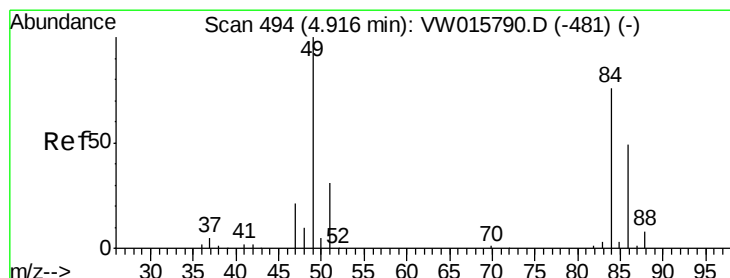
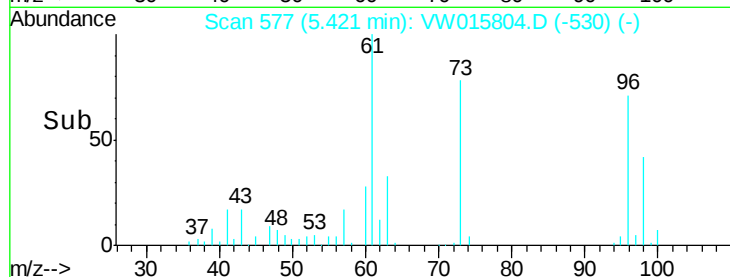
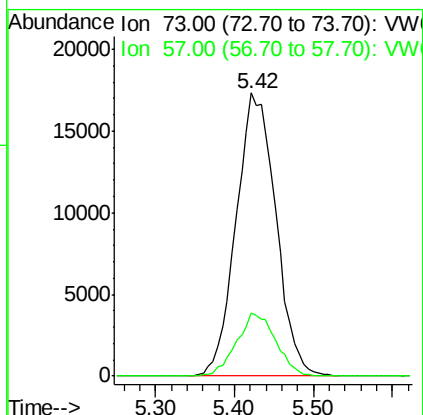
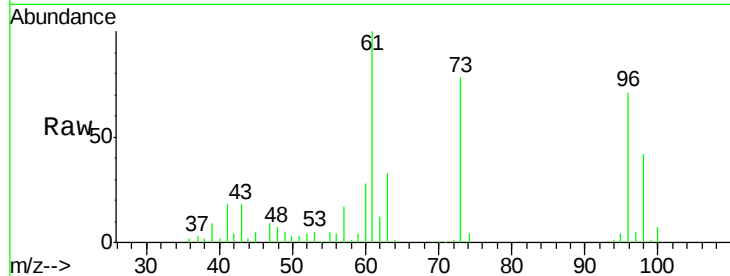




#19
Methvl tert-butvl Ether
Concen: 20.367 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW015804.D
Acq: 08 Jul 2020 12:33

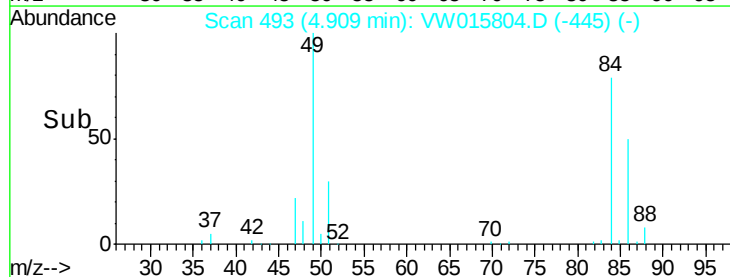
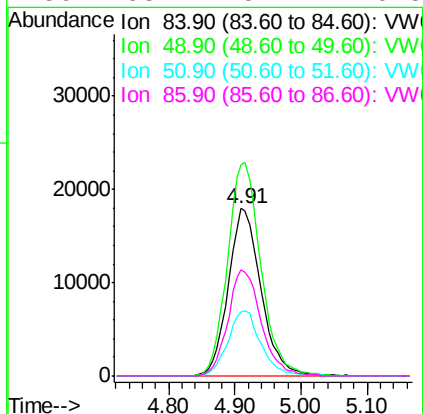
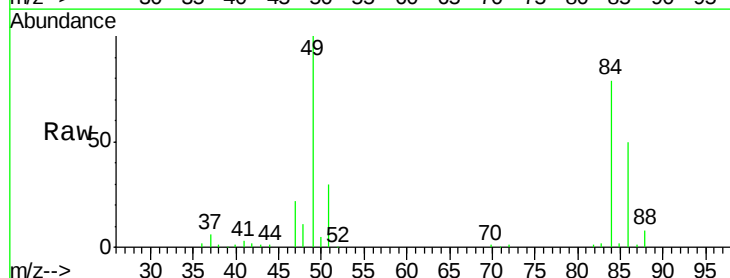
Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

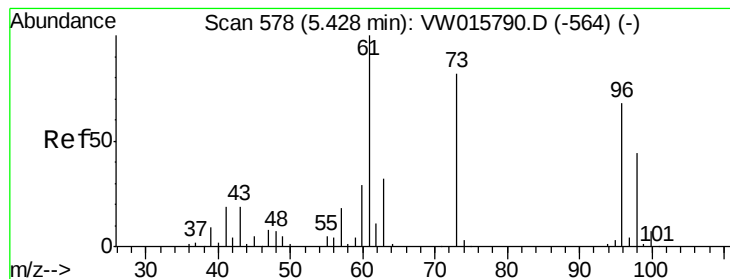
Tot Ion: 73 Resp: 60618
Ion Ratio Lower Upper
73 100
57 22.3 16.8 25.2



#20
Methylene Chloride
Concen: 26.471 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW015804.D
Acq: 08 Jul 2020 12:33

Tgt Ion: 84 Resp: 61660
Ion Ratio Lower Upper
84 100
49 126.3 105.0 157.6
51 38.1 32.3 48.5
86 63.4 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 20.042 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW015804.D

Acq: 08 Jul 2020 12:33

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBS01

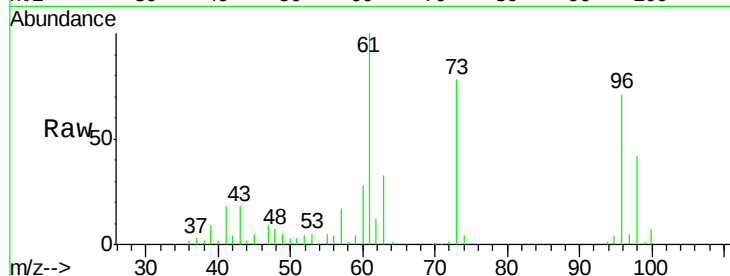
Tot Ion: 96 Resp: 46164

Ion Ratio Lower Upper

96 100

61 141.5 118.1 177.1

98 59.1 52.6 78.8

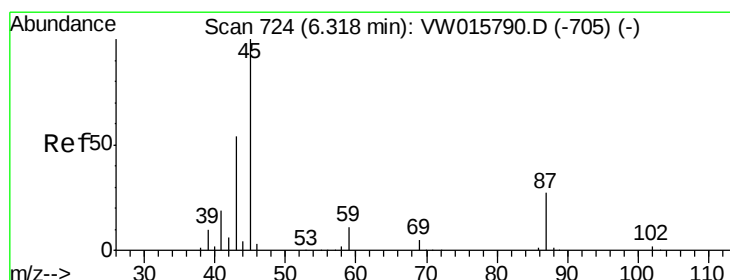
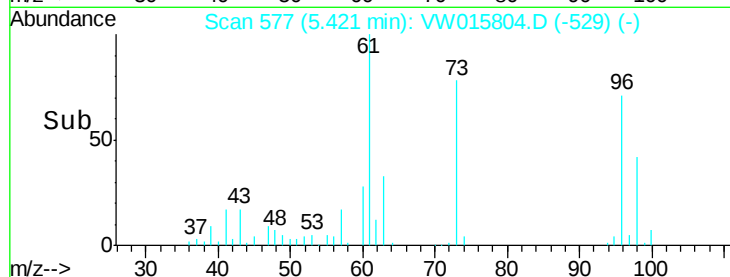
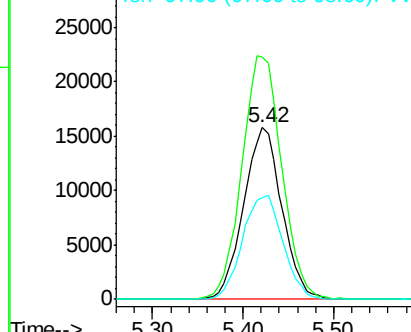


Abundance

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: 20.415 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW015804.D

Acq: 08 Jul 2020 12:33

Tgt Ion: 45 Resp: 132968

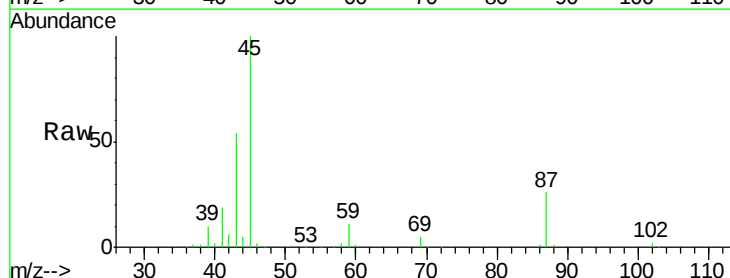
Ion Ratio Lower Upper

45 100

43 53.5 43.8 65.6

87 26.5 22.1 33.1

59 11.3 8.9 13.3



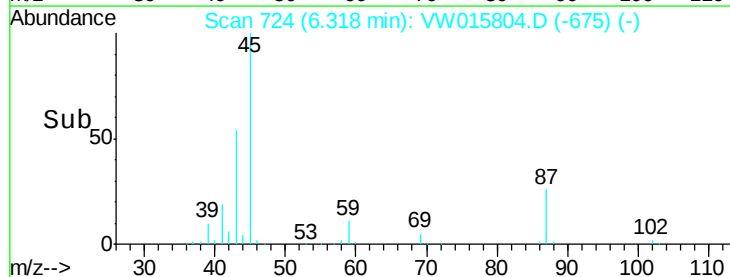
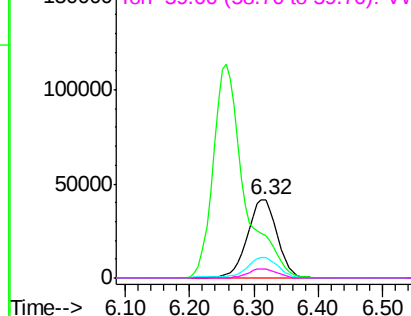
Abundance

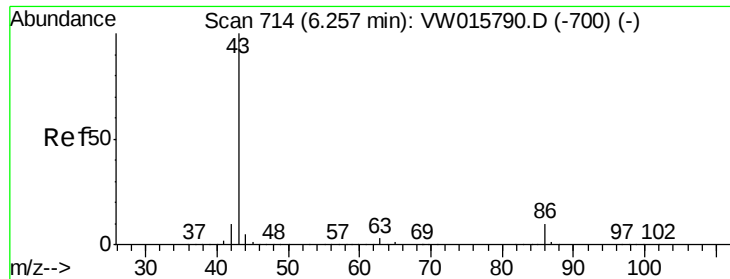
Ion 45.00 (44.70 to 45.70): VW

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: 99.170 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW015804.D

Acq: 08 Jul 2020 12:33

Instrument :

MSVOA_W

ClientSampleId :

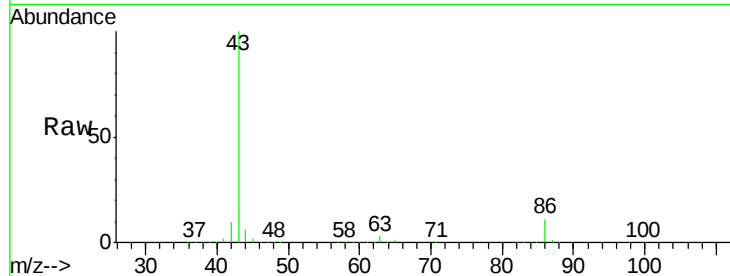
VW0708SBS01

Tot Ion: 43 Resp: 384197

Ion Ratio Lower Upper

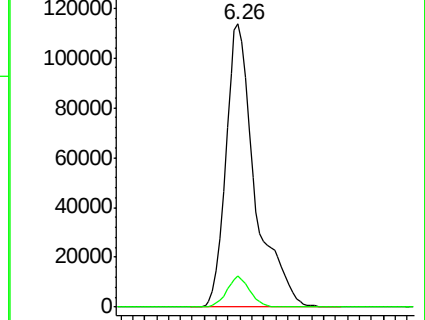
43 100

86 10.9 8.2 12.4

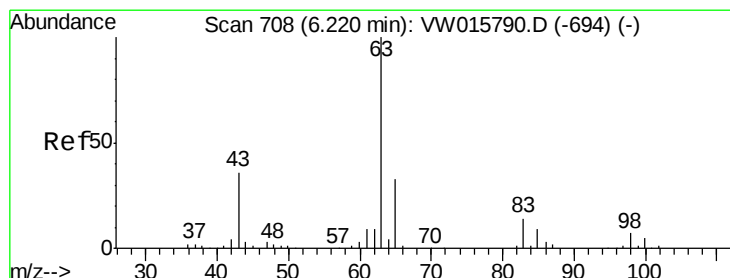
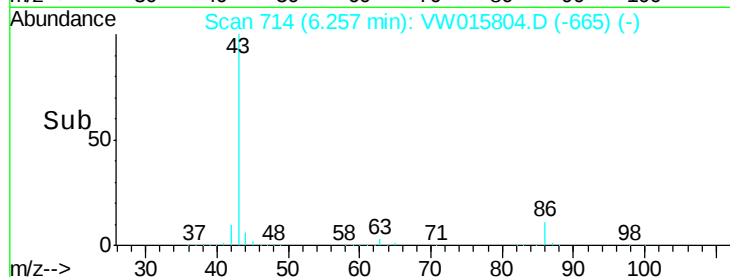


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 20.495 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW015804.D

Acq: 08 Jul 2020 12:33

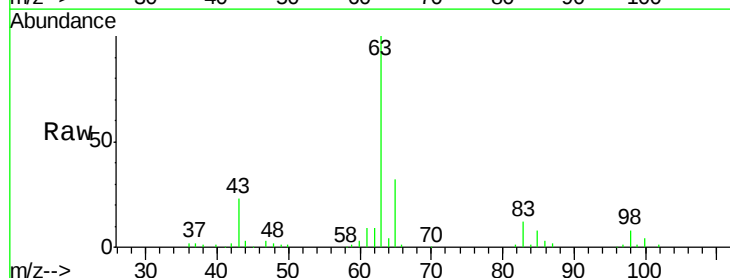
Tgt Ion: 63 Resp: 84519

Ion Ratio Lower Upper

63 100

98 7.7 3.4 10.2

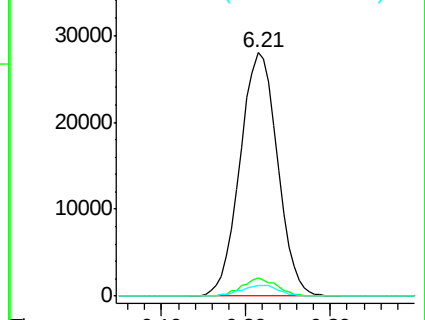
100 4.4 2.4 7.1



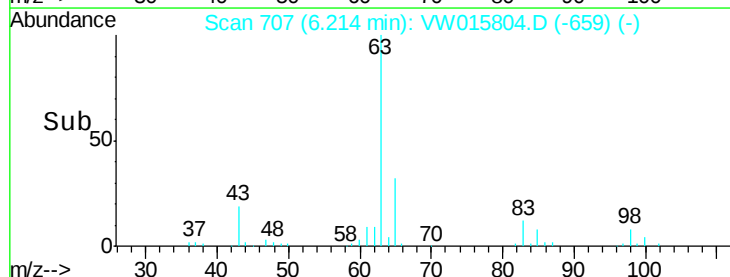
Abundance Ion 62.90 (62.60 to 63.60): VW

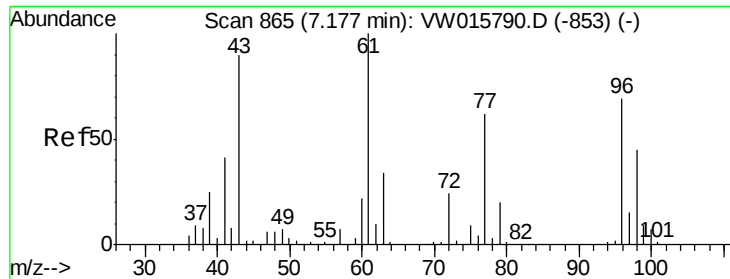
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->





#25

2-Butanone

Concen: 105.837 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW015804.D

Acq: 08 Jul 2020 12:33

Instrument :

MSVOA_W

ClientSampleId :

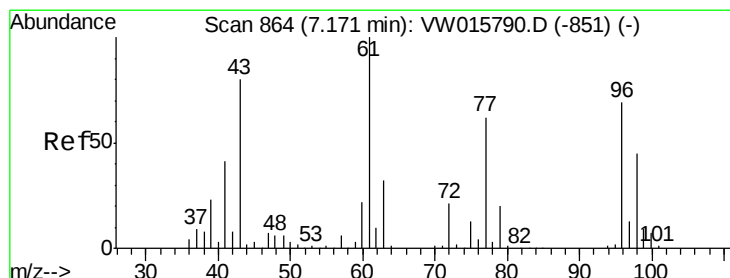
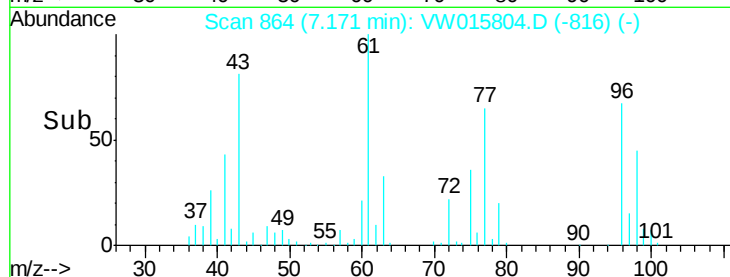
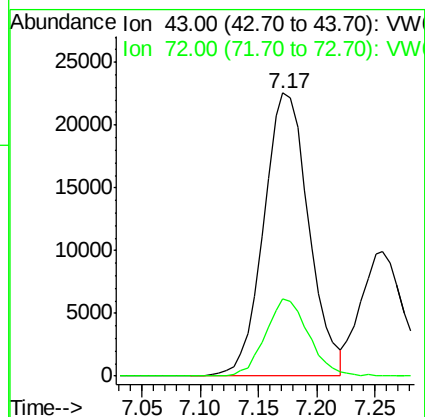
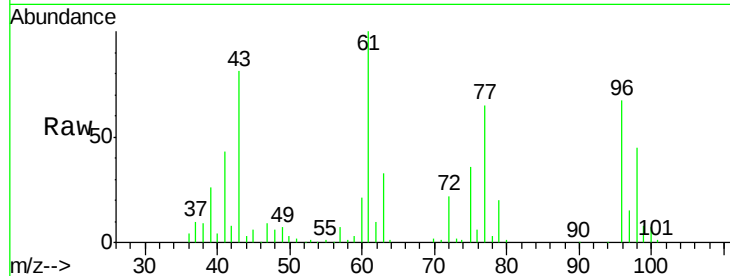
VW0708SBS01

Tot Ion: 43 Resp: 60262

Ion Ratio Lower Upper

43 100

72 27.2 21.3 31.9



#26

2,2-Dichloropropane

Concen: 21.200 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW015804.D

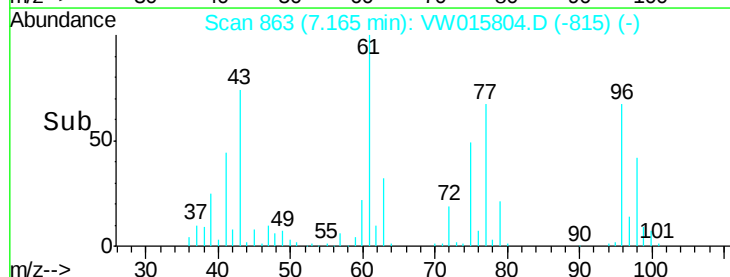
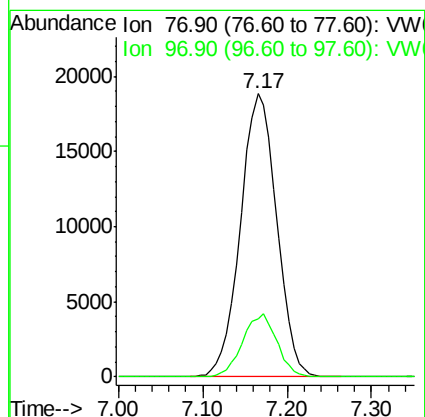
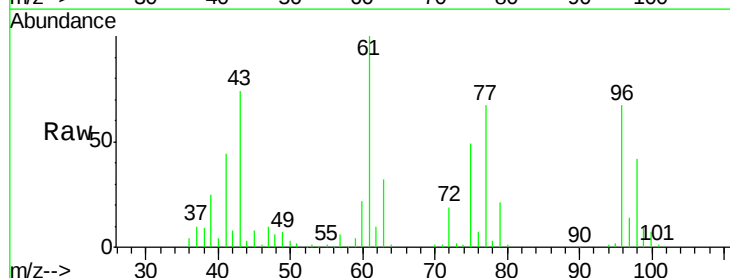
Acq: 08 Jul 2020 12:33

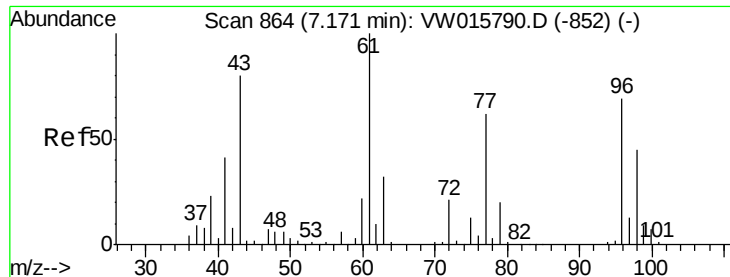
Tgt Ion: 77 Resp: 54846

Ion Ratio Lower Upper

77 100

97 20.9 11.0 33.0



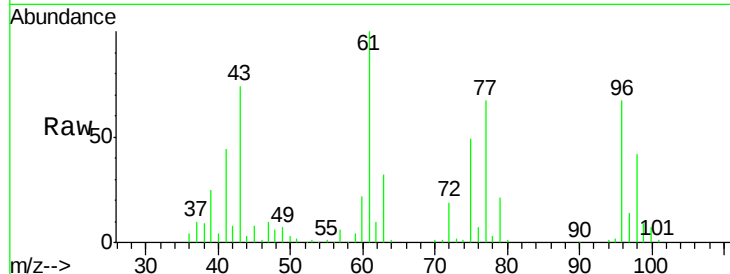


#27

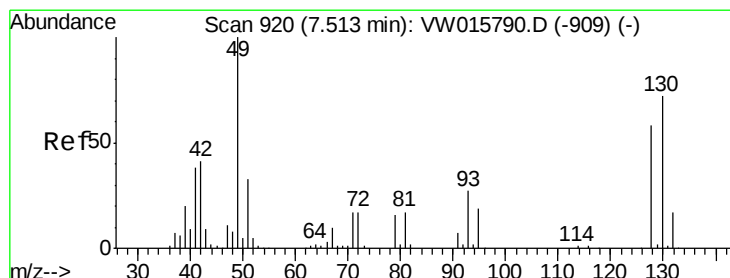
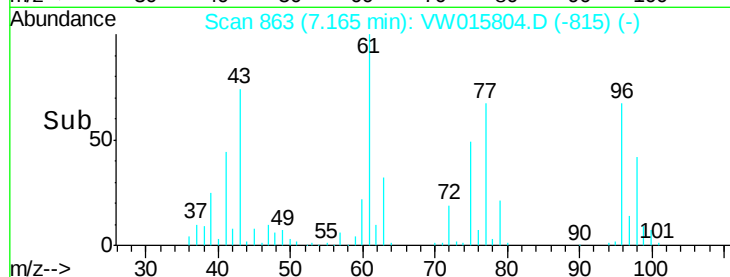
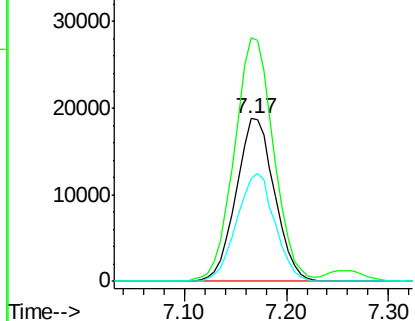
cis-1,2-Dichloroethene
 Concen: 19.913 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW015804.D
 Acq: 08 Jul 2020 12:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

Tot Ion: 96 Resp: 49250
 Ion Ratio Lower Upper
 96 100
 61 152.5 0.0 292.2
 98 65.7 0.0 129.0



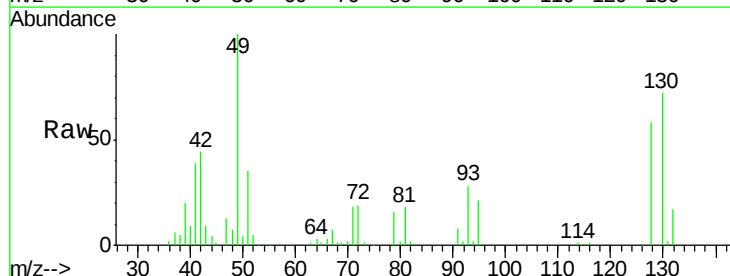
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



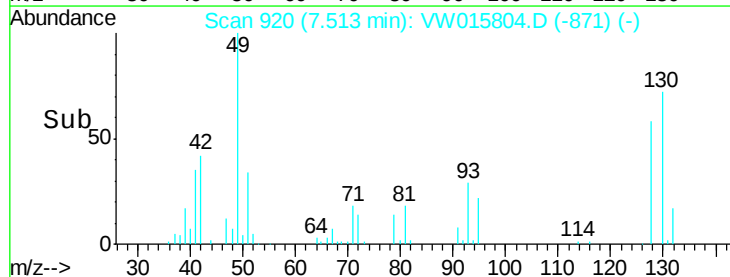
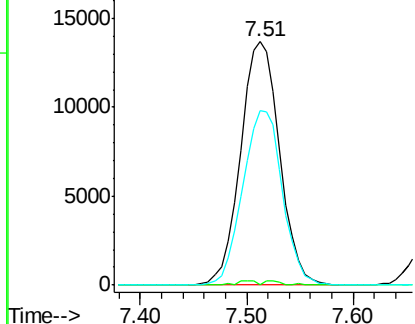
#28

Bromochloromethane
 Concen: 21.470 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW015804.D
 Acq: 08 Jul 2020 12:33

Tgt Ion: 49 Resp: 35100
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 2.6
 130 73.1 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

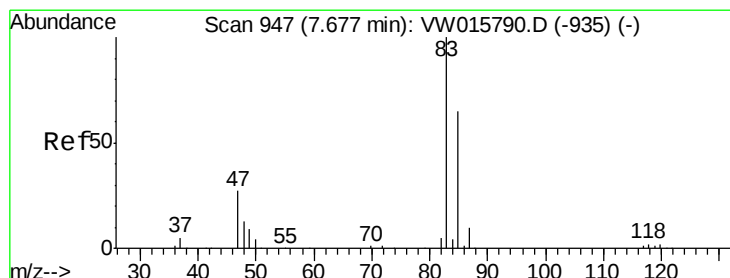
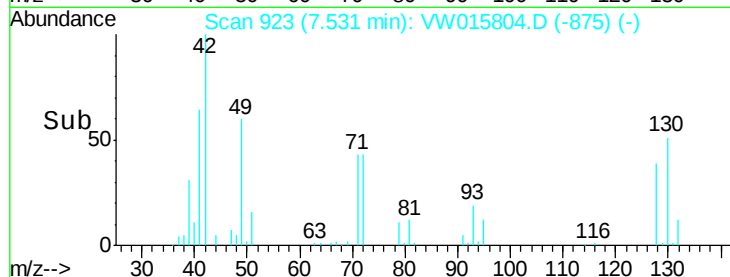
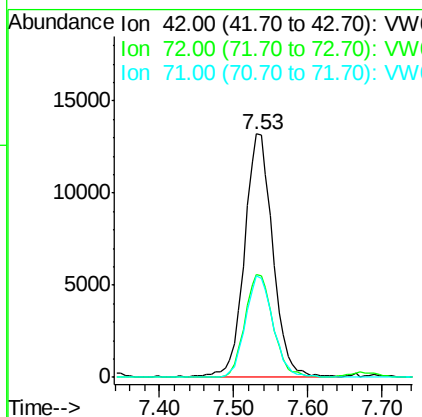
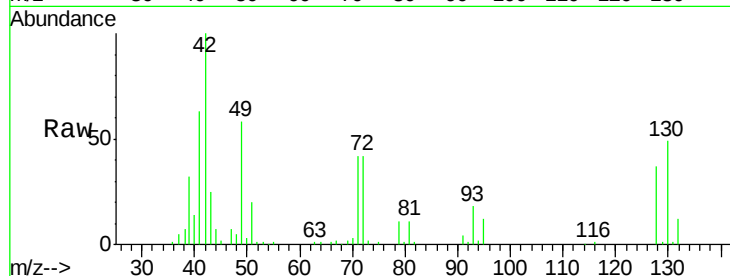




#29
Tetrahydrofuran
Concen: 102.136 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW015804.D
Acq: 08 Jul 2020 12:33

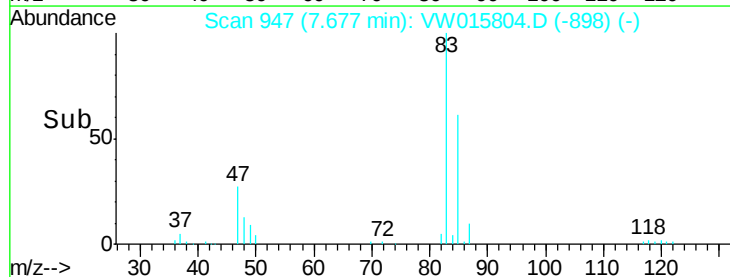
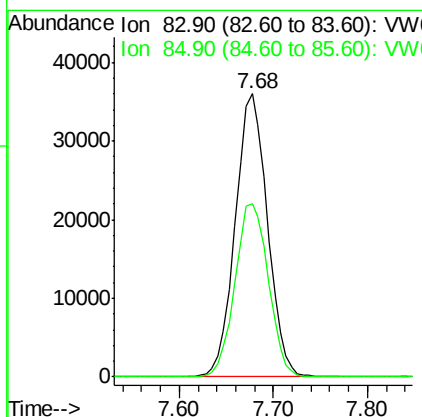
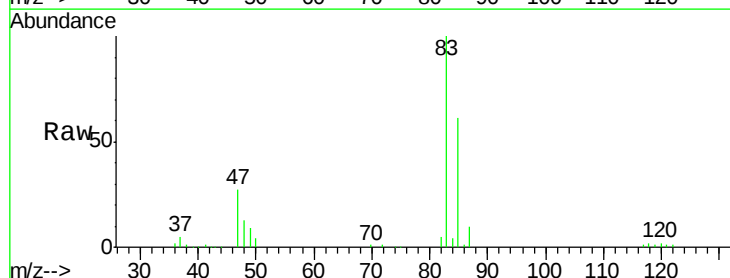
Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

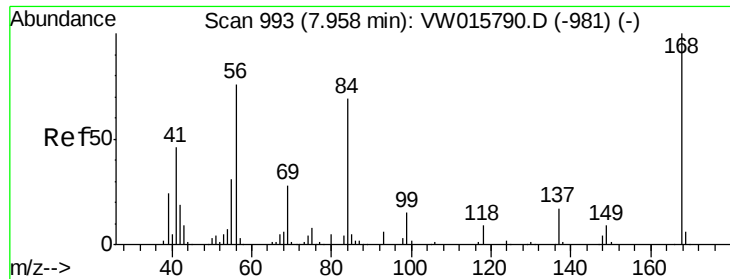
Tot Ion: 42 Resp: 35290
Ion Ratio Lower Upper
42 100
72 41.9 34.6 51.8
71 40.5 32.8 49.2



#30
Chloroform
Concen: 20.276 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW015804.D
Acq: 08 Jul 2020 12:33

Tgt Ion: 83 Resp: 85474
Ion Ratio Lower Upper
83 100
85 61.2 51.6 77.4

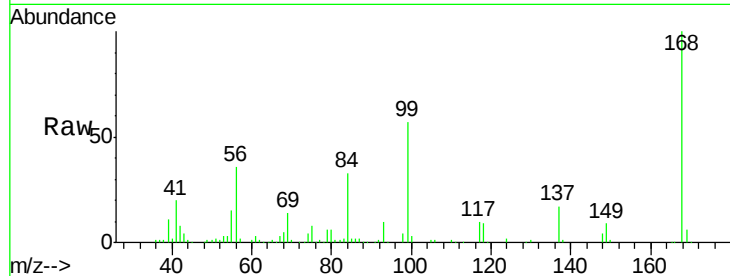




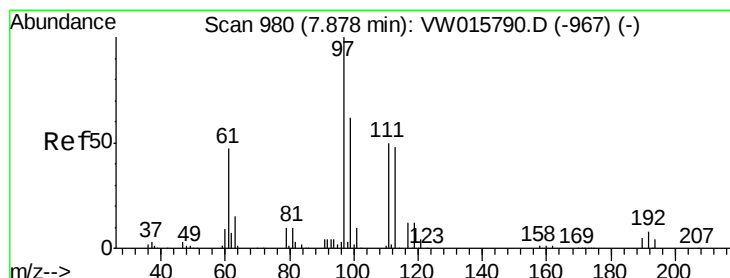
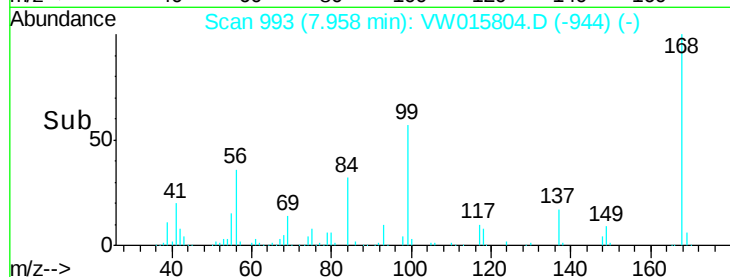
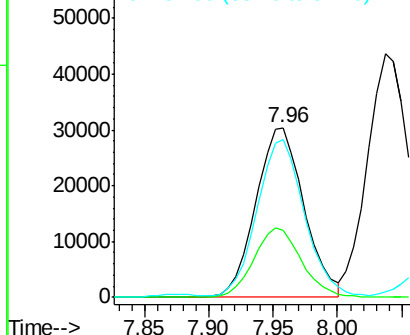
#31
Cyclohexane
Concen: 20.384 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW015804.D
Acq: 08 Jul 2020 12:33

Instrument :
MSVOA_W
ClientSampled :
VW0708SBS01

Tot Ion: 56 Resp: 79114
Ion Ratio Lower Upper
56 100
69 39.5 28.9 43.3
84 91.6 72.2 108.4

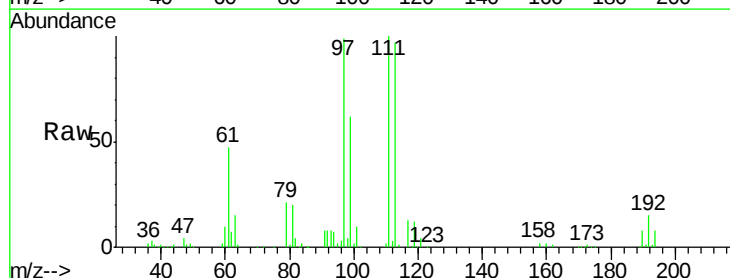


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

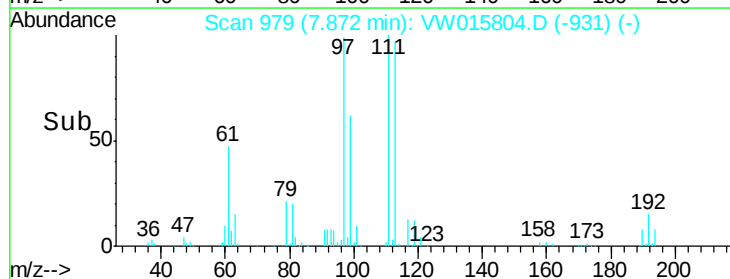
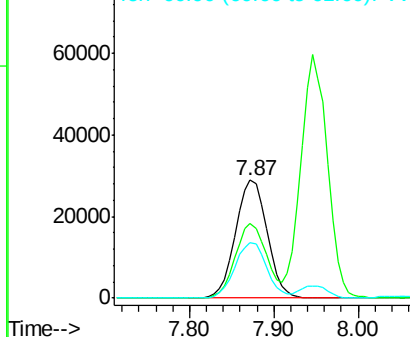


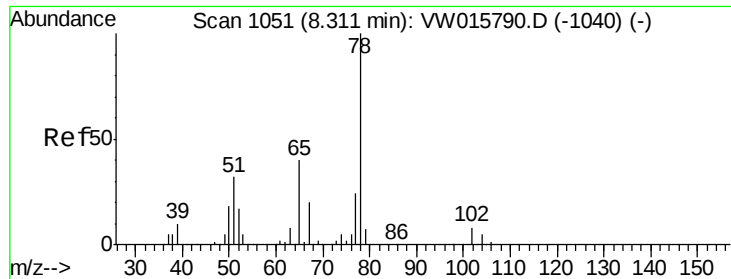
#32
1,1,1-Trichloroethane
Concen: 20.779 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW015804.D
Acq: 08 Jul 2020 12:33

Tgt Ion: 97 Resp: 73449
Ion Ratio Lower Upper
97 100
99 63.1 51.0 76.4
61 47.2 38.6 57.8



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





#33

1,2-Dichloroethane-d4

Concen: 47.115 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW015804.D

Acq: 08 Jul 2020 12:33

Instrument :

MSVOA_W

ClientSampleId :

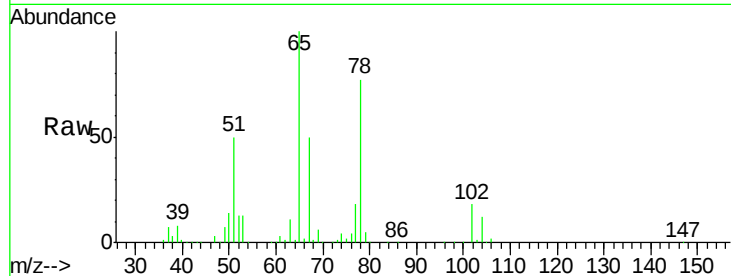
VW0708SBS01

Tot Ion: 65 Resp: 105624

Ion Ratio Lower Upper

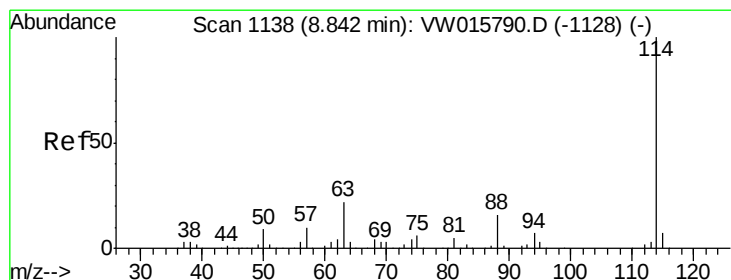
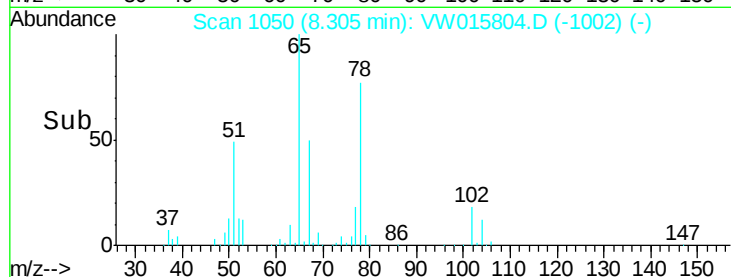
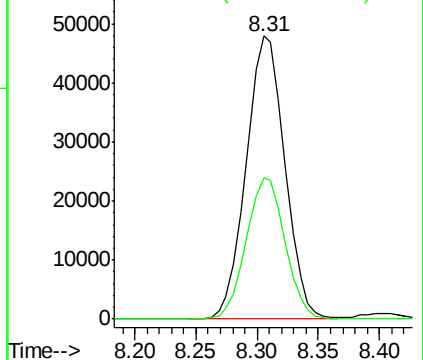
65 100

67 50.2 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW015804.D

Acq: 08 Jul 2020 12:33

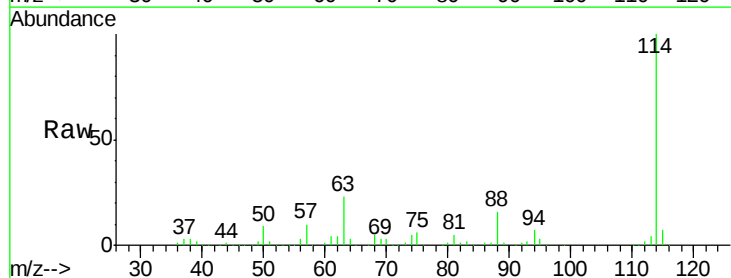
Tgt Ion: 114 Resp: 340766

Ion Ratio Lower Upper

114 100

63 23.3 0.0 44.4

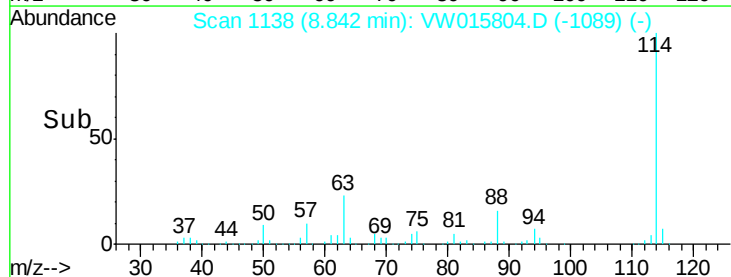
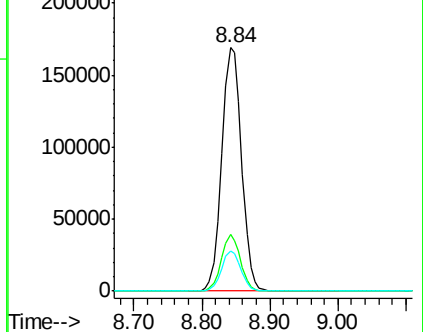
88 16.2 0.0 32.6

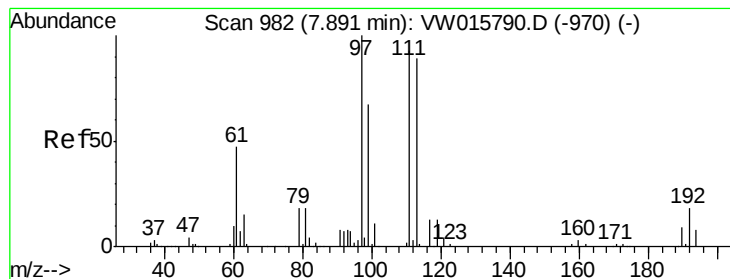


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 47.835 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW015804.D

Acq: 08 Jul 2020 12:33

Instrument :

MSVOA_W

ClientSampled :

VW0708SBS01

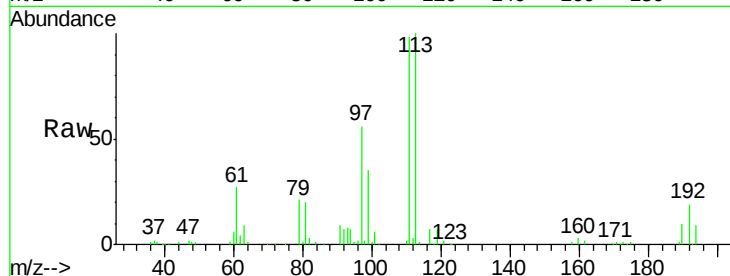
Tot Ion:113 Resp: 95101

Ion Ratio Lower Upper

113 100

111 99.9 82.8 124.2

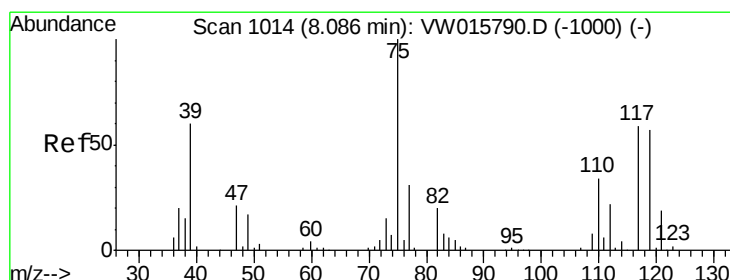
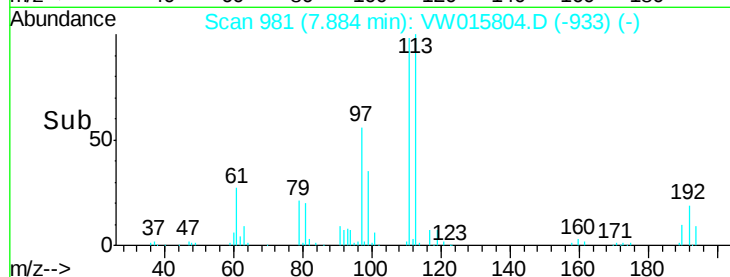
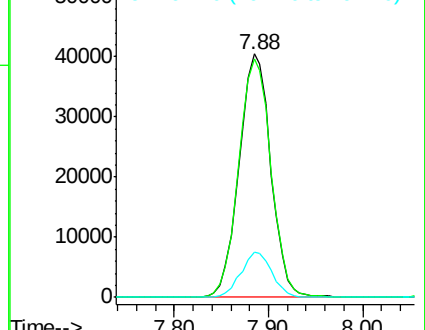
192 18.3 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.838 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW015804.D

Acq: 08 Jul 2020 12:33

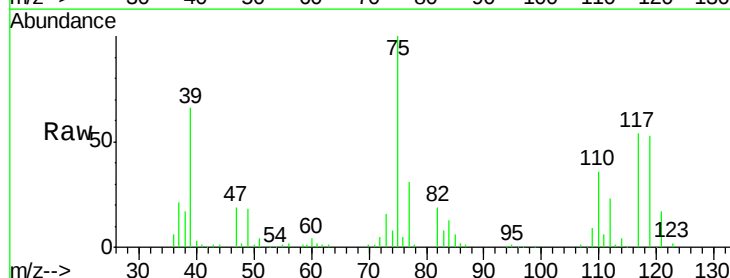
Tgt Ion: 75 Resp: 69999

Ion Ratio Lower Upper

75 100

110 33.9 16.8 50.3

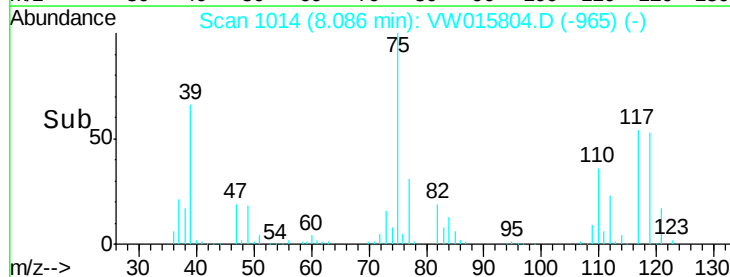
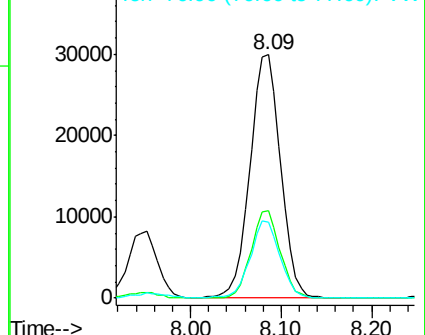
77 31.0 24.7 37.1

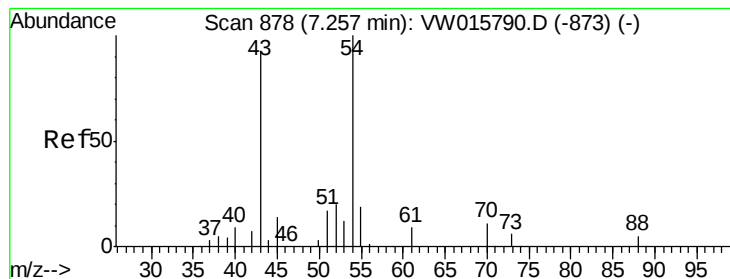


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 19.567 ug/l

RT: 7.26 min Scan# 878

Delta R.T. -0.00 min

Lab File: VW015804.D

Acq: 08 Jul 2020 12:33

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBS01

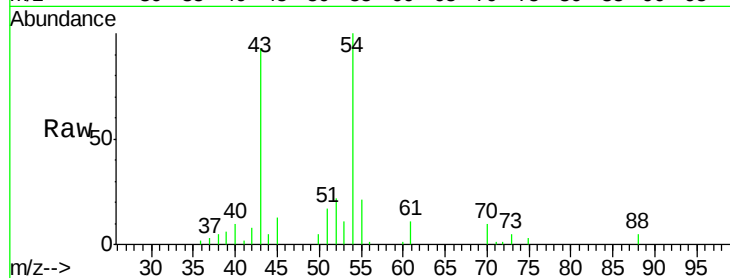
Tot Ion: 43 Resp: 25539

Ion Ratio Lower Upper

43 100

61 13.2 10.4 15.6

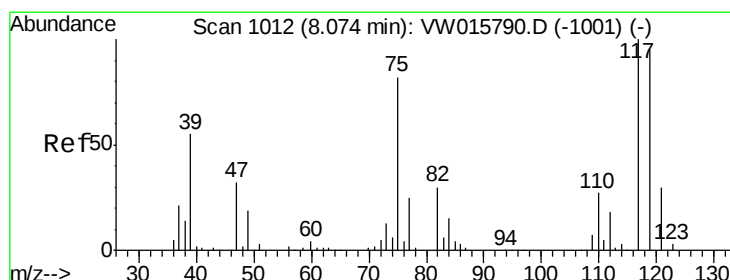
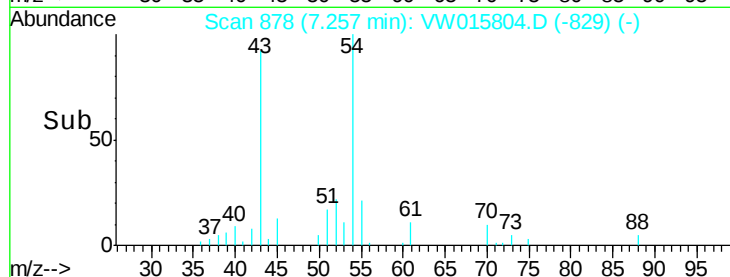
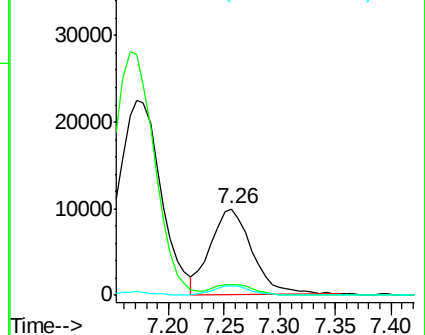
70 10.8 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 20.353 ug/l

RT: 8.07 min Scan# 1012

Delta R.T. -0.00 min

Lab File: VW015804.D

Acq: 08 Jul 2020 12:33

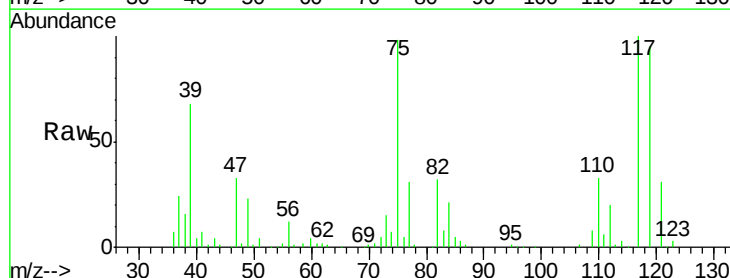
Tgt Ion: 117 Resp: 66155

Ion Ratio Lower Upper

117 100

119 95.2 76.3 114.5

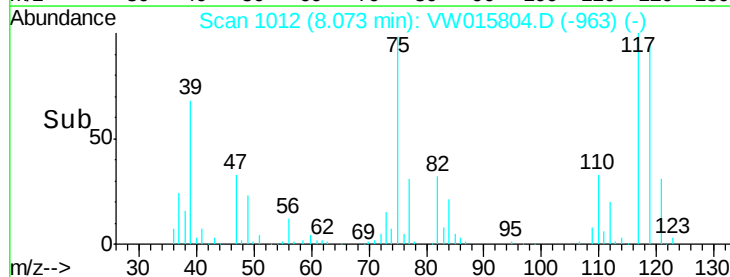
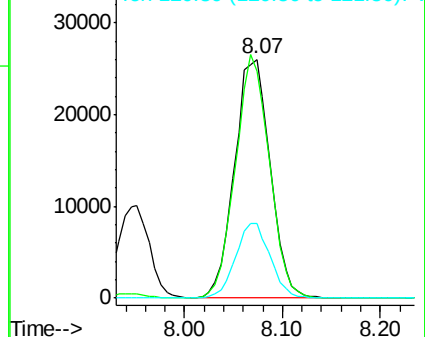
121 31.2 24.0 36.0

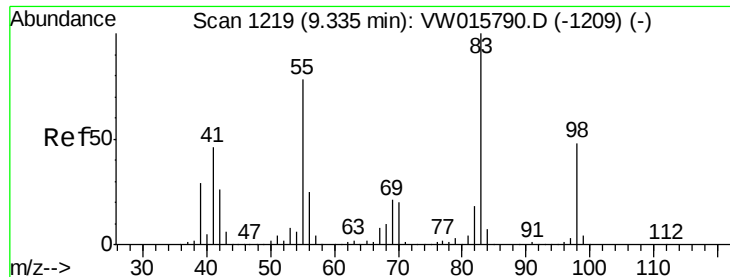


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

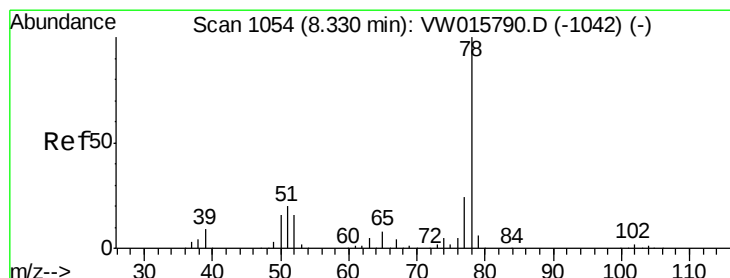
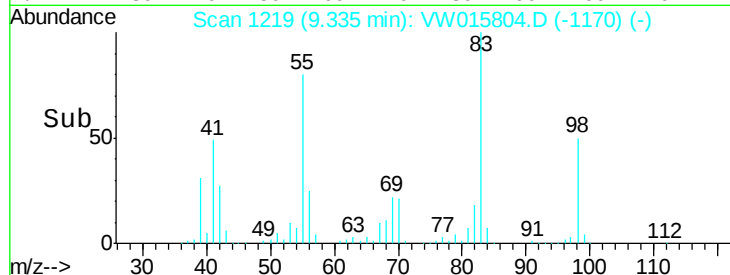
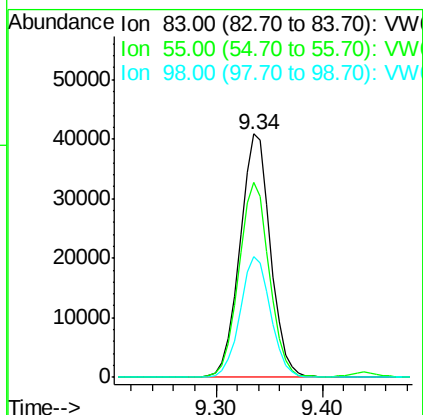
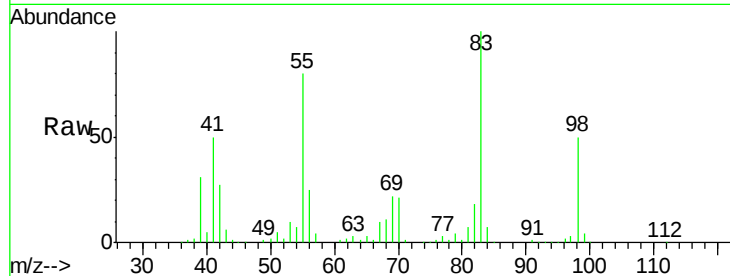




#39
Methvlcvclohexane
Concen: 20.759 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW015804.D
Acq: 08 Jul 2020 12:33

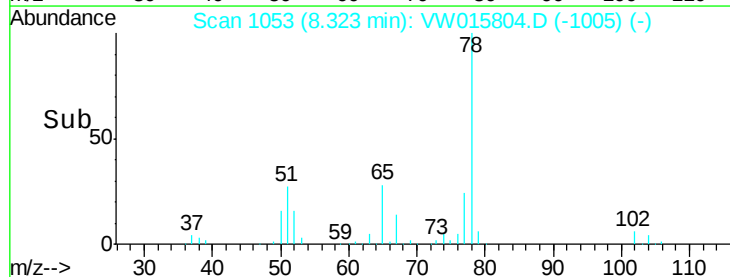
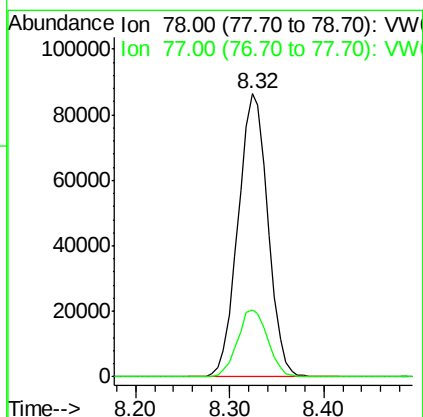
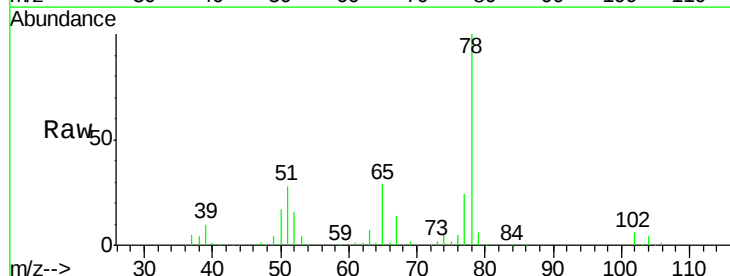
Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

Tot Ion: 83 Resp: 82286
Ion Ratio Lower Upper
83 100
55 80.0 62.6 94.0
98 49.6 38.6 58.0



#40
Benzene
Concen: 20.748 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW015804.D
Acq: 08 Jul 2020 12:33

Tgt Ion: 78 Resp: 190914
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6

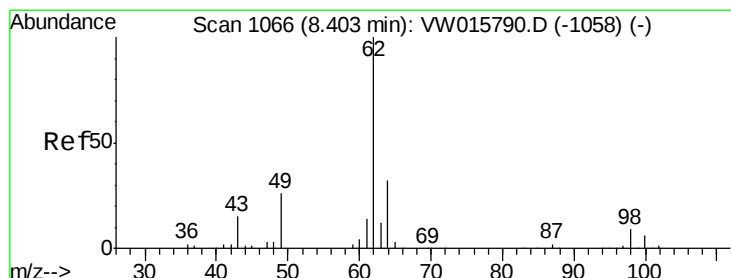
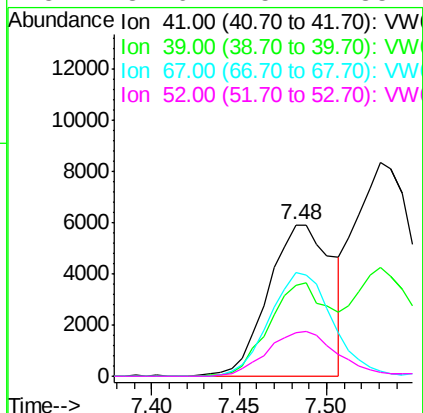
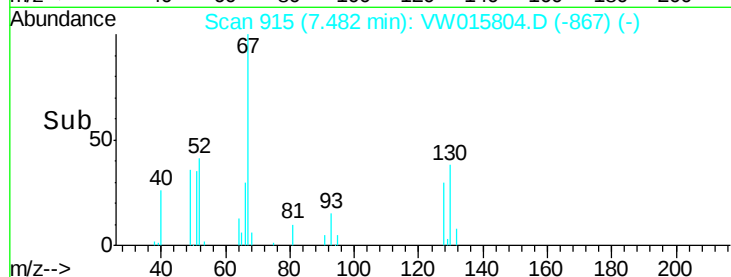
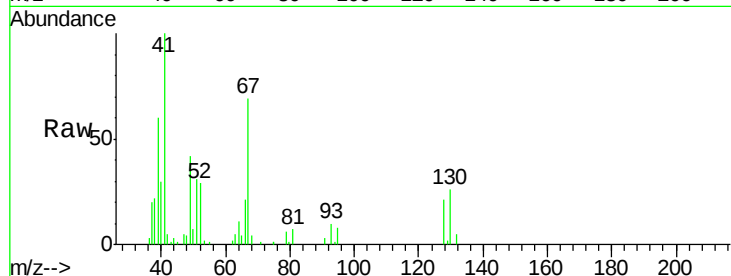




#41
Methacrylonitrile
Concen: 20.318 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW015804.D
Acq: 08 Jul 2020 12:33

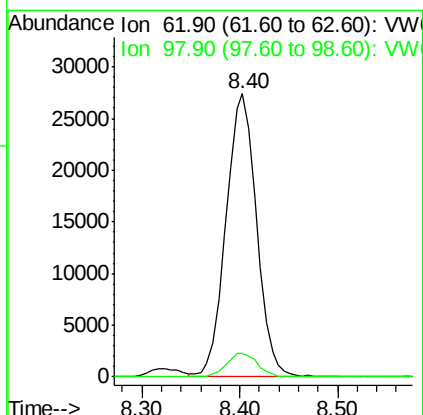
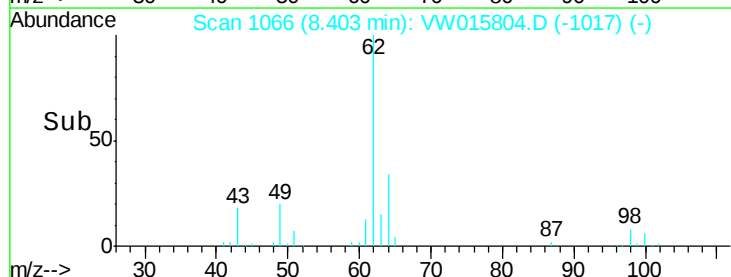
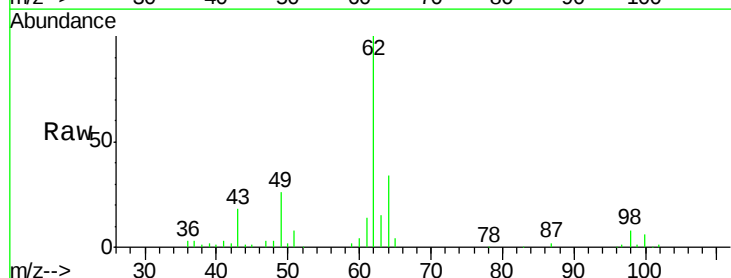
Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

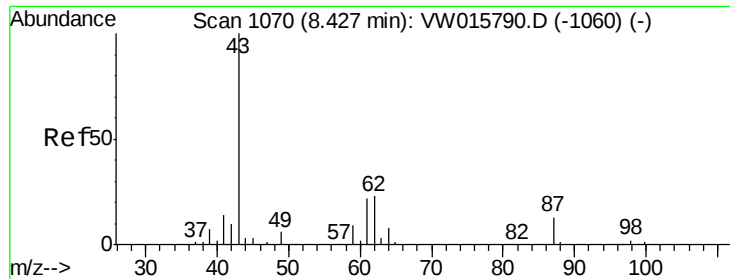
Tot Ion:	41	Resp:	15056
Ion	Ratio	Lower	Upper
41	100		
39	58.7	44.6	66.8
67	68.3	56.4	84.6
52	32.6	25.4	38.2



#42
1,2-Dichloroethane
Concen: 20.689 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW015804.D
Acq: 08 Jul 2020 12:33

Tgt Ion:	62	Resp:	59249
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.2





#43

Isopropyl Acetate

Concen: 19.717 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW015804.D

Acq: 08 Jul 2020 12:33

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBS01

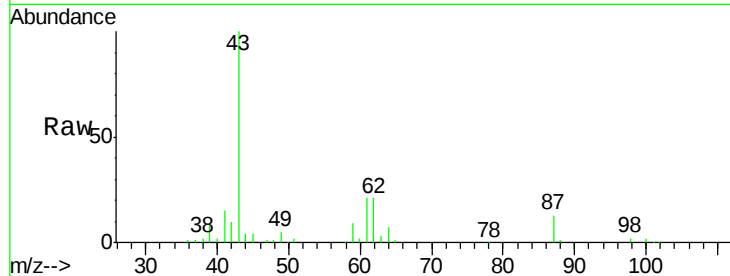
Tot Ion: 43 Resp: 50233

Ion Ratio Lower Upper

43 100

61 31.4 24.8 37.2

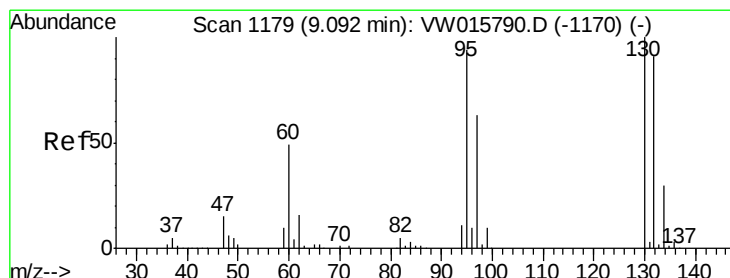
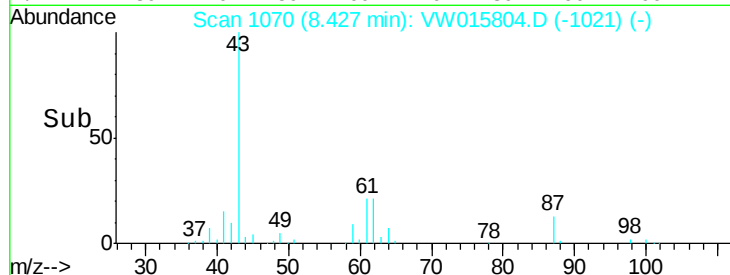
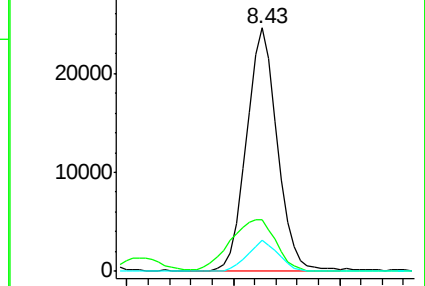
87 12.5 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 20.426 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW015804.D

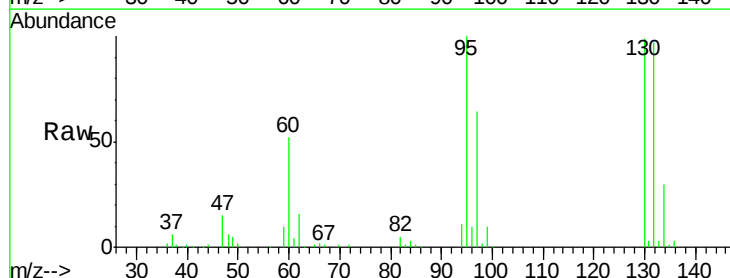
Acq: 08 Jul 2020 12:33

Tgt Ion: 130 Resp: 49714

Ion Ratio Lower Upper

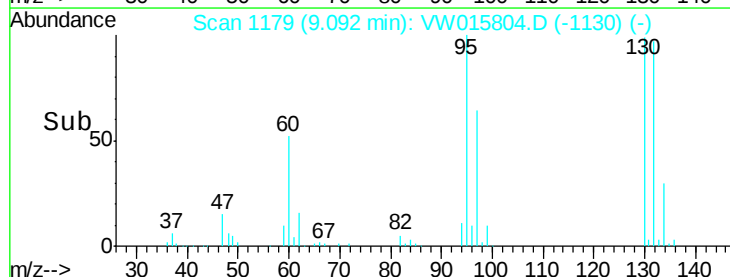
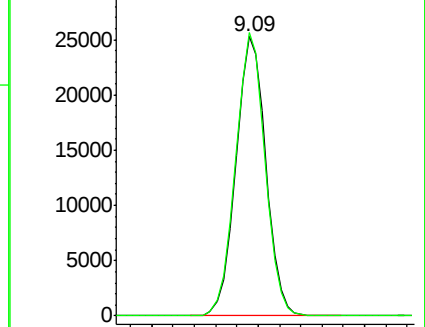
130 100

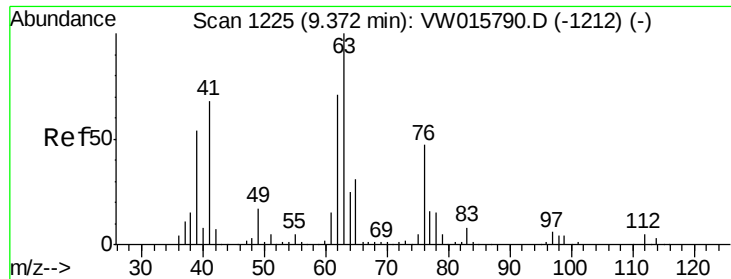
95 101.4 0.0 188.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

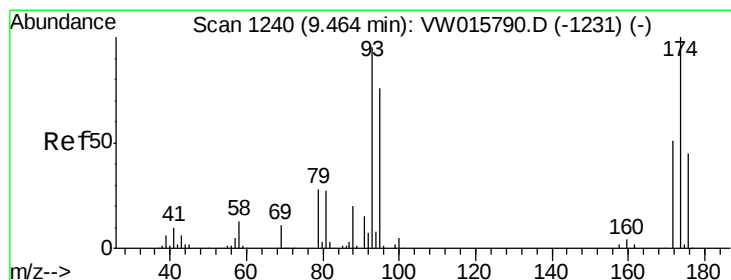
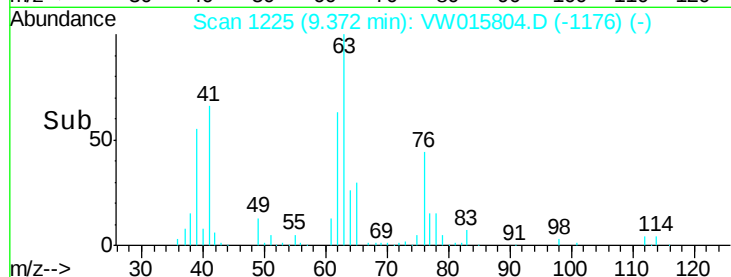
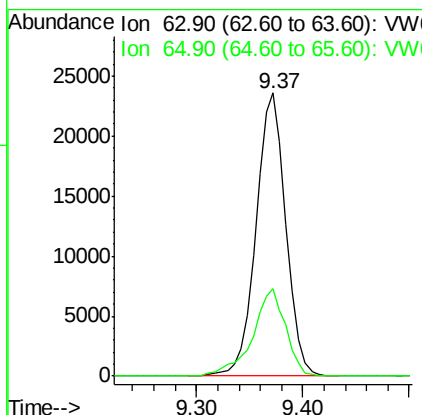
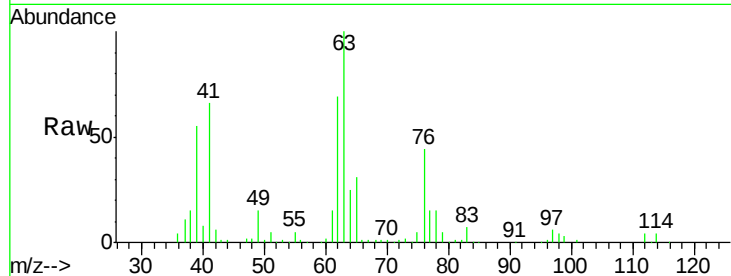




#45
 1,2-Dichloropropane
 Concen: 20.411 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW015804.D
 Acq: 08 Jul 2020 12:33

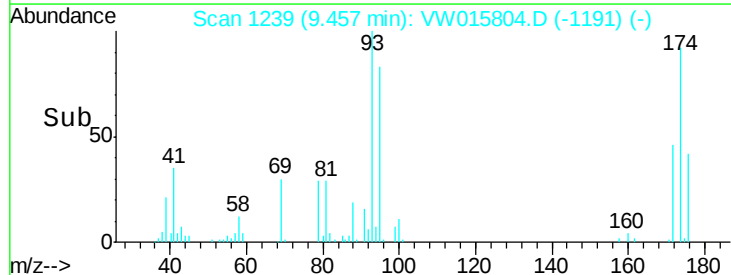
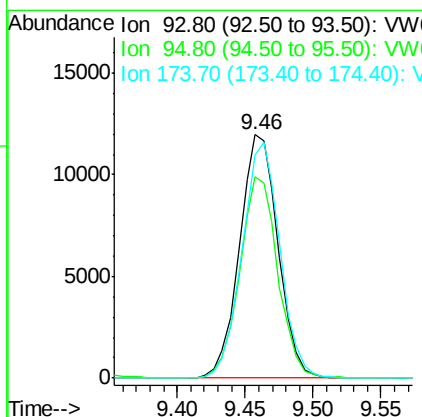
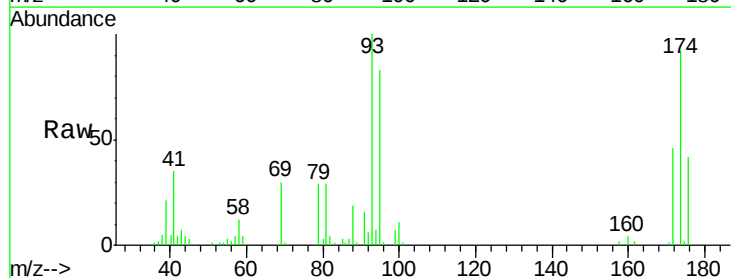
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

Tot Ion: 63 Resp: 46165
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.5 36.7



#46
 Dibromomethane
 Concen: 20.287 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW015804.D
 Acq: 08 Jul 2020 12:33

Tgt Ion: 93 Resp: 23623
 Ion Ratio Lower Upper
 93 100
 95 81.9 66.0 99.0
 174 95.5 78.7 118.1





#47

Bromodichloromethane

Concen: 20.366 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW015804.D

Acq: 08 Jul 2020 12:33

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBS01

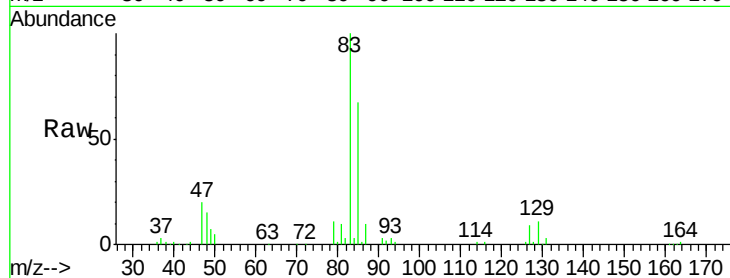
Tot Ion: 83 Resp: 61339

Ion Ratio Lower Upper

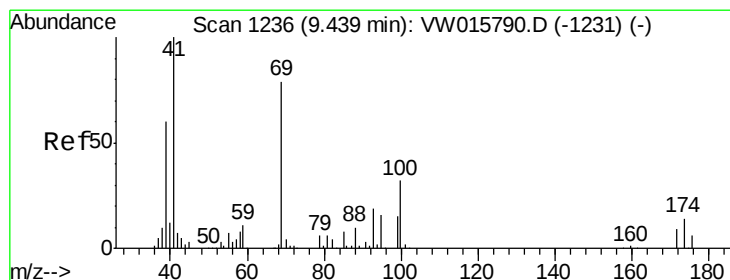
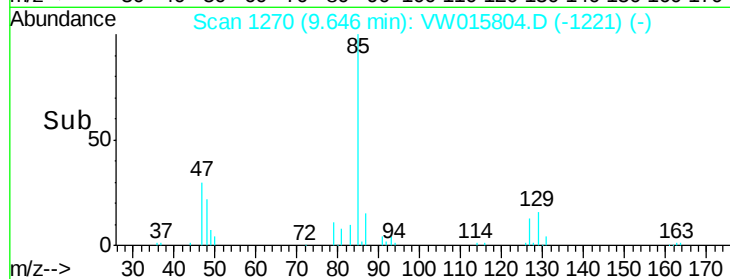
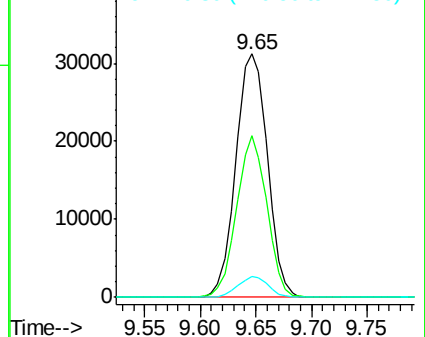
83 100

85 66.6 50.6 76.0

127 8.5 6.2 9.2



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



#48

Methyl methacrylate

Concen: 20.120 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW015804.D

Acq: 08 Jul 2020 12:33

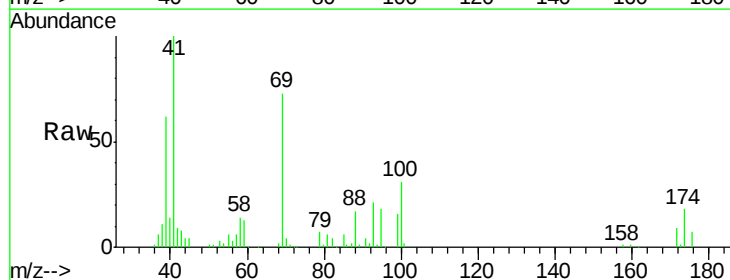
Tgt Ion: 41 Resp: 23493

Ion Ratio Lower Upper

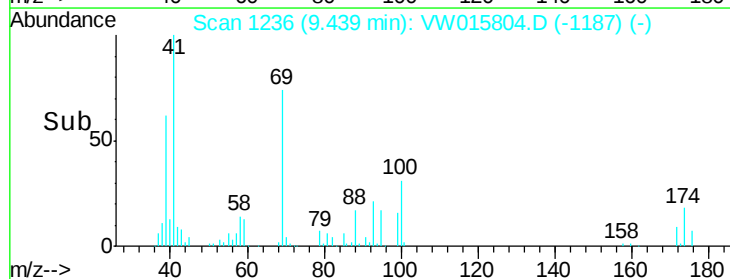
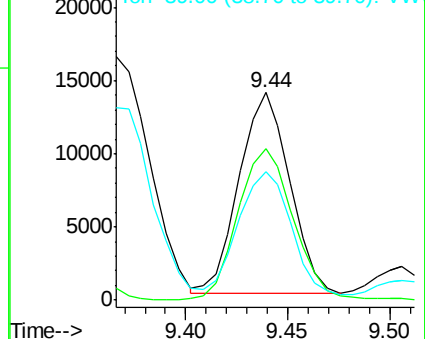
41 100

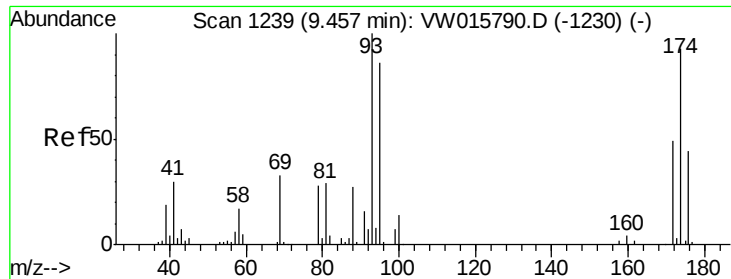
69 83.6 67.1 100.7

39 68.8 49.9 74.9



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

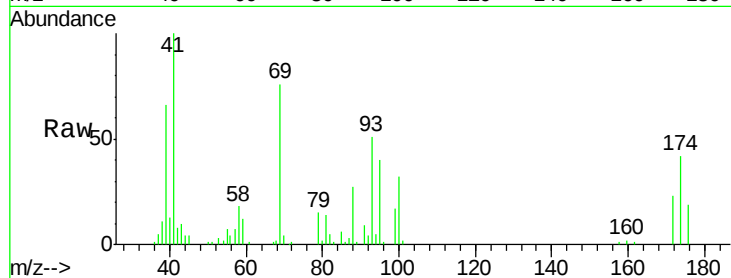




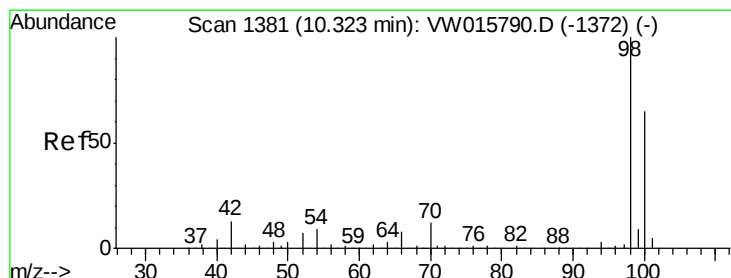
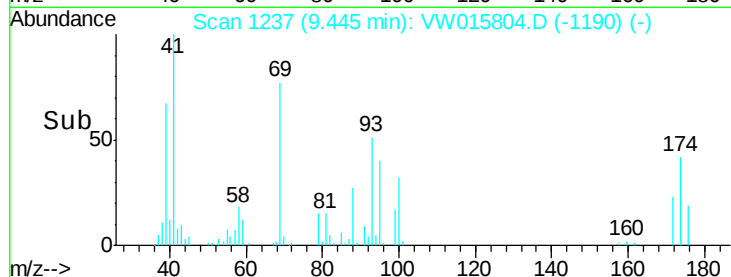
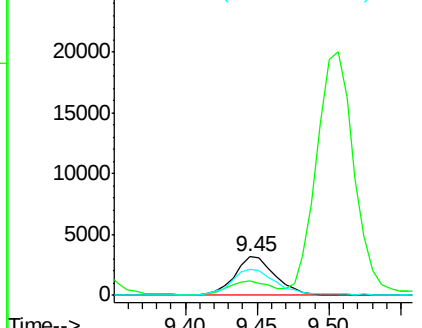
#49
 1,4-Dioxane
 Concen: 431.298 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: VW015804.D
 Acq: 08 Jul 2020 12:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

Tot Ion: 88 Resp: 6209
 Ion Ratio Lower Upper
 88 100
 43 34.9 28.1 42.1
 58 72.7 59.3 88.9

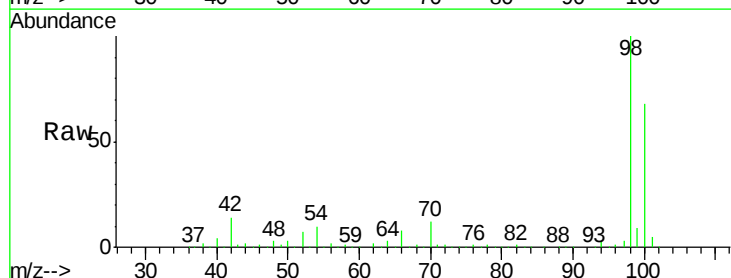


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

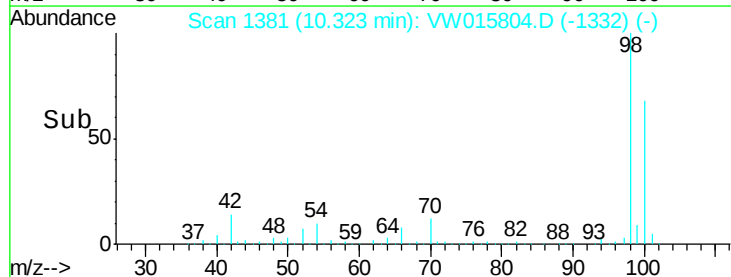
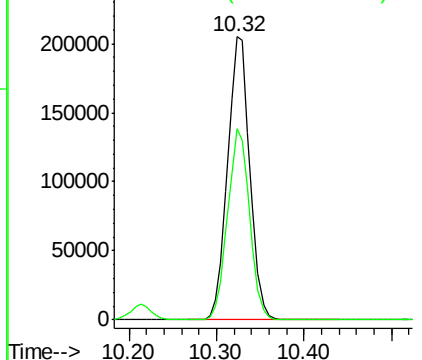


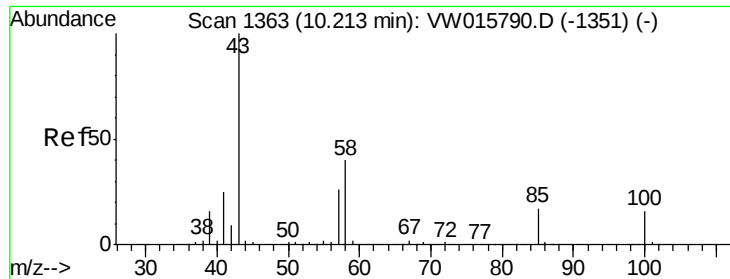
#50
 Toluene-d8
 Concen: 47.189 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW015804.D
 Acq: 08 Jul 2020 12:33

Tgt Ion: 98 Resp: 360361
 Ion Ratio Lower Upper
 98 100
 100 66.8 52.6 79.0



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





#51

4-Methyl-2-Pentanone

Concen: 100.345 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW015804.D

Acq: 08 Jul 2020 12:33

Instrument :

MSVOA_W

ClientSampleId :

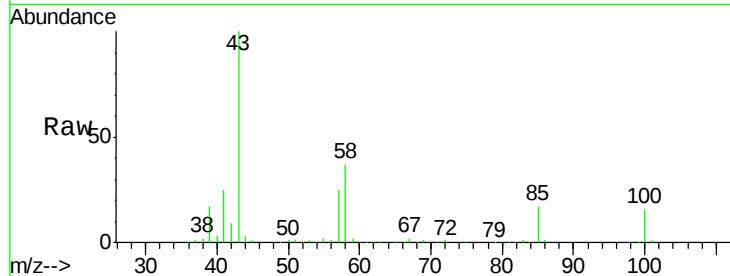
VW0708SBS01

Tot Ion: 43 Resp: 124752

Ion Ratio Lower Upper

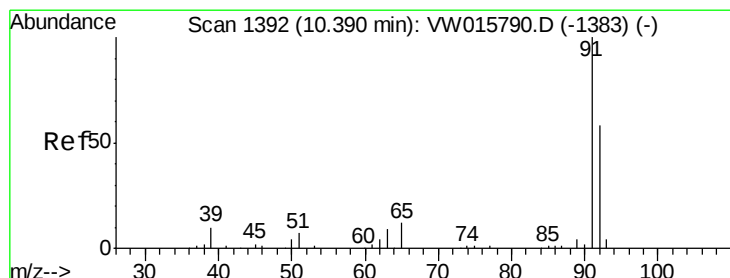
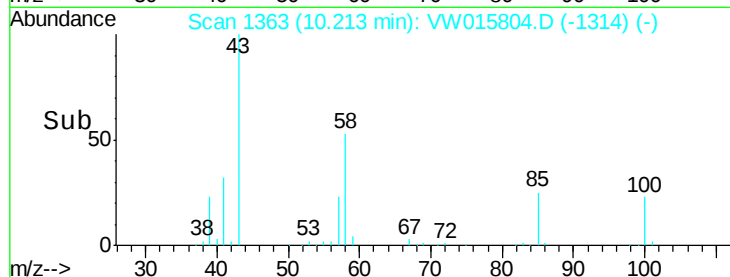
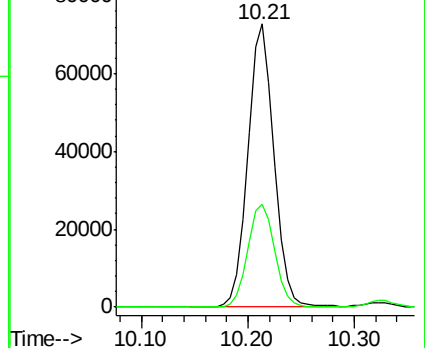
43 100

58 37.8 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: 20.684 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015804.D

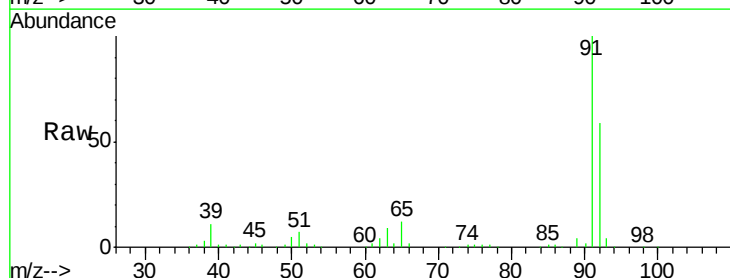
Acq: 08 Jul 2020 12:33

Tgt Ion: 92 Resp: 122480

Ion Ratio Lower Upper

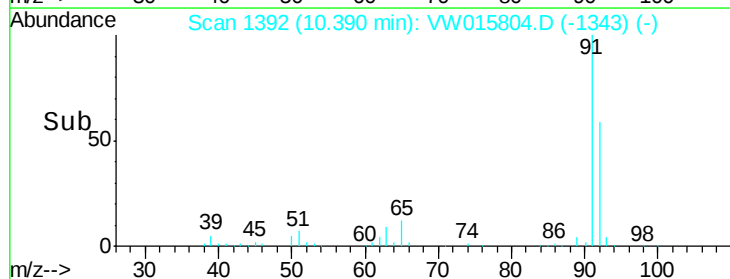
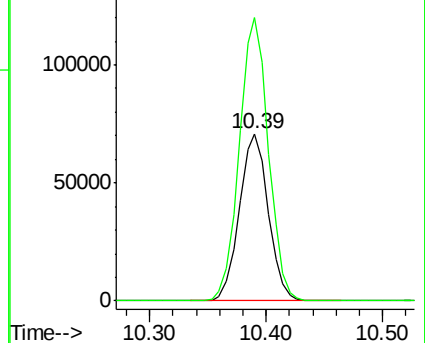
92 100

91 170.2 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

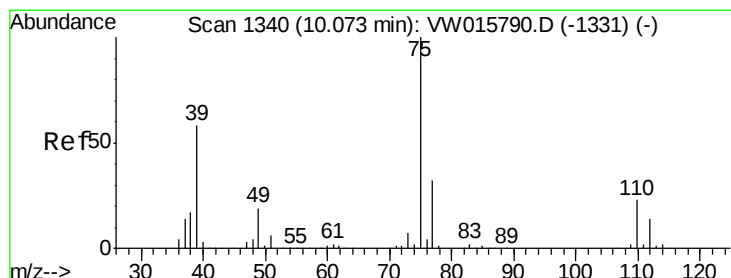
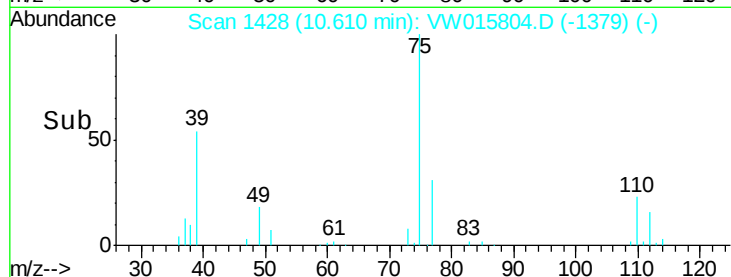
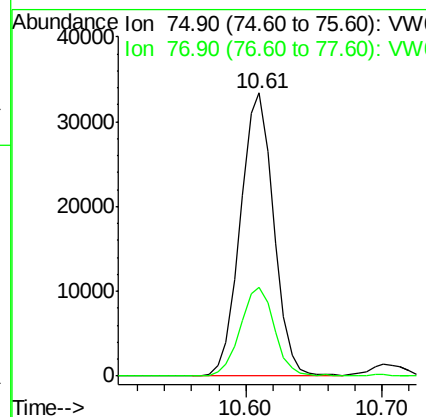
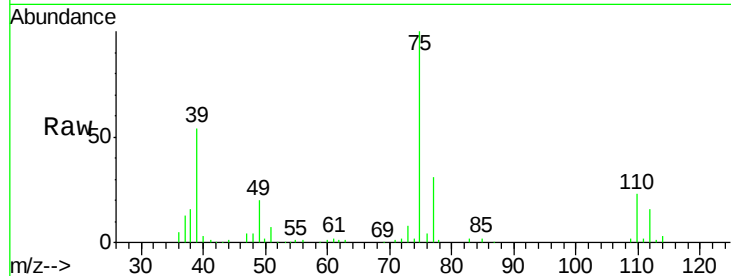




#53
 t-1,3-Dichloropropene
 Concen: 19.705 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW015804.D
 Acq: 08 Jul 2020 12:33

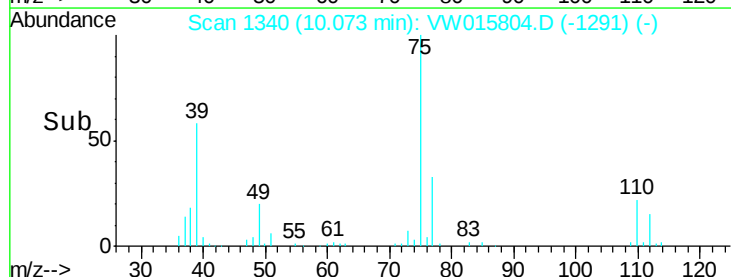
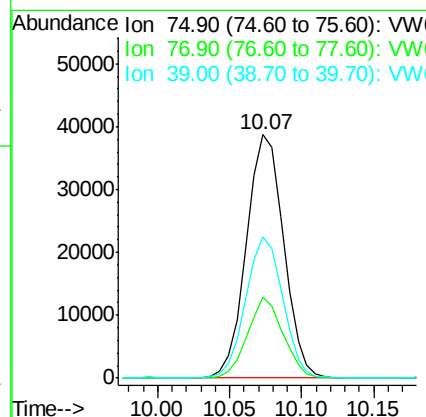
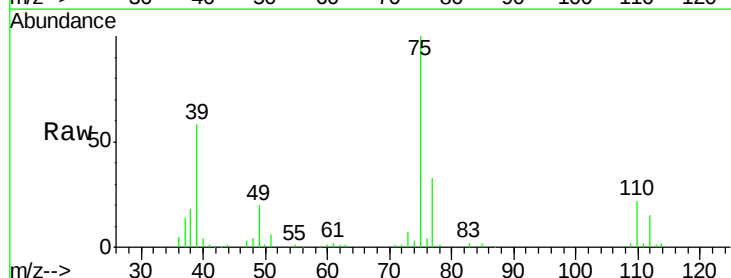
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

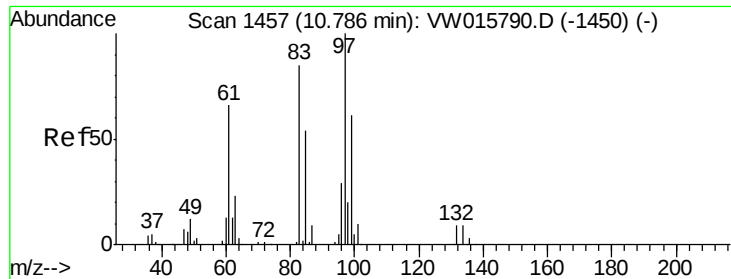
Tot Ion: 75 Resp: 56945
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.091 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW015804.D
 Acq: 08 Jul 2020 12:33

Tgt Ion: 75 Resp: 69449
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.2 37.8
 39 58.1 46.0 69.0

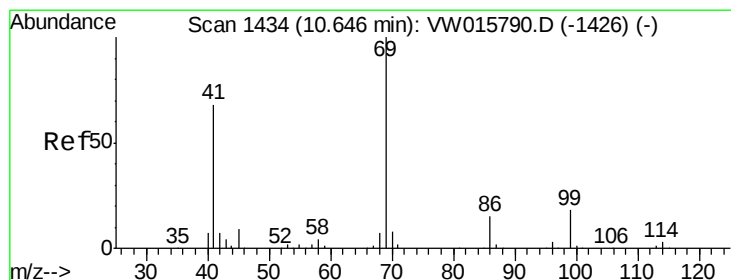
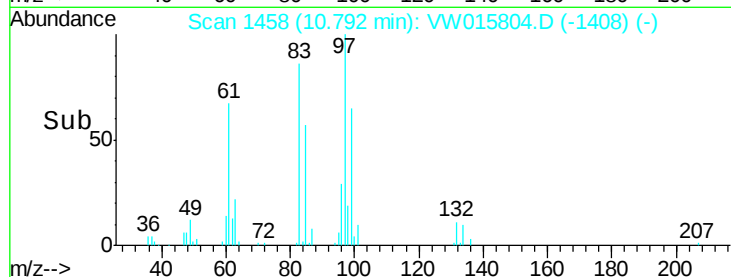
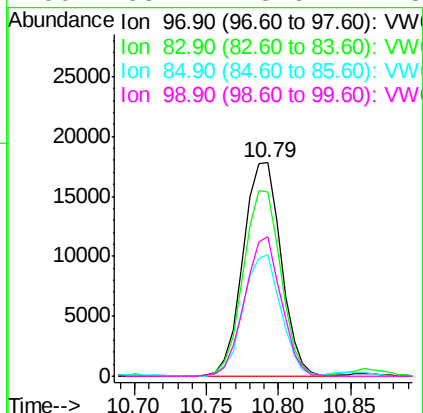
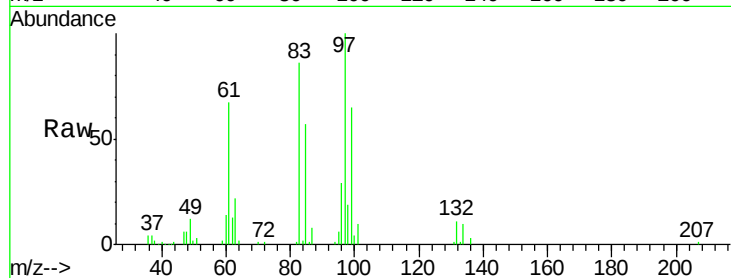




#55
 1,1,2-Trichloroethane
 Concen: 20.171 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: VW015804.D
 Acq: 08 Jul 2020 12:33

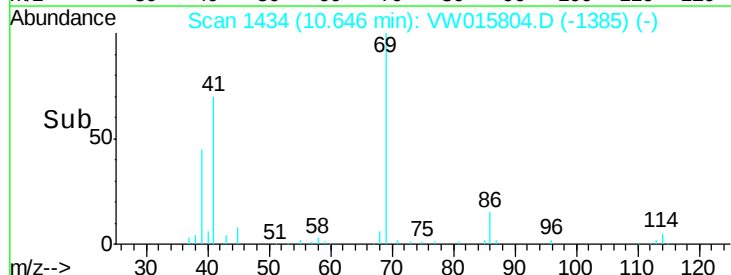
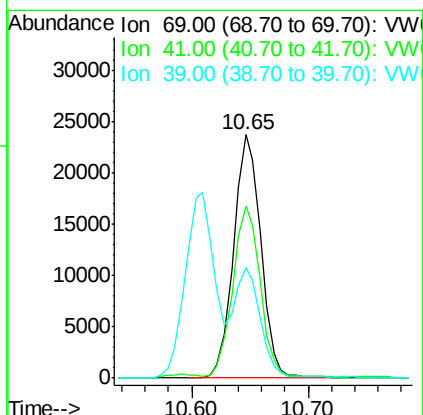
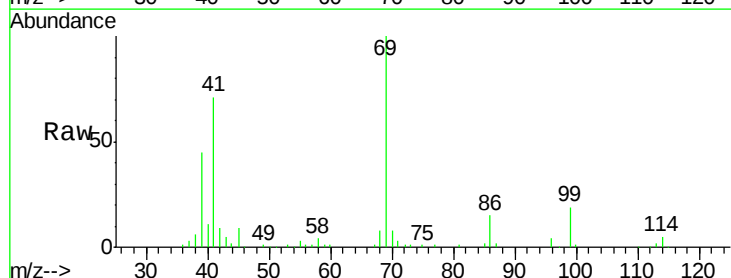
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

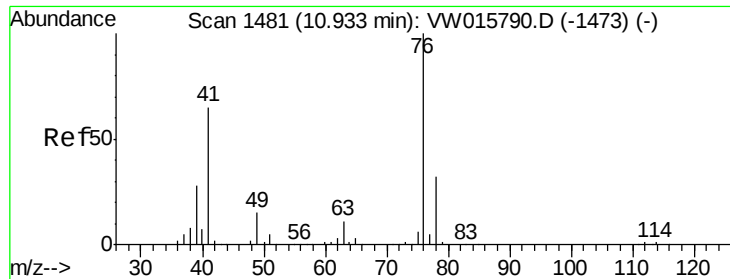
Tot Ion:	97	Resp:	32569
Ion	Ratio	Lower	Upper
97	100		
83	86.3	68.2	102.4
85	56.8	43.4	65.0
99	65.2	48.6	72.8



#56
 Ethyl methacrylate
 Concen: 19.530 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW015804.D
 Acq: 08 Jul 2020 12:33

Tgt Ion:	69	Resp:	38768
Ion	Ratio	Lower	Upper
69	100		
41	71.3	55.0	82.6
39	44.3	33.8	50.8

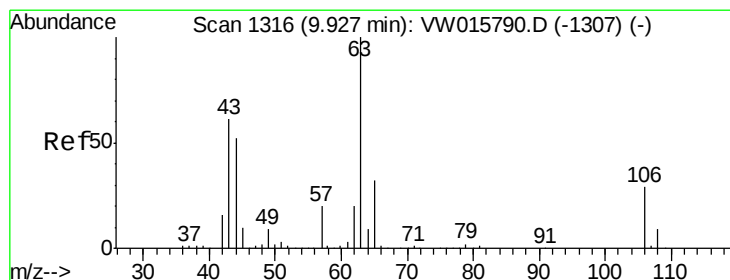
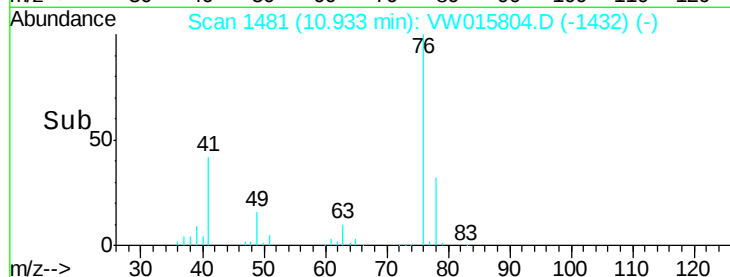
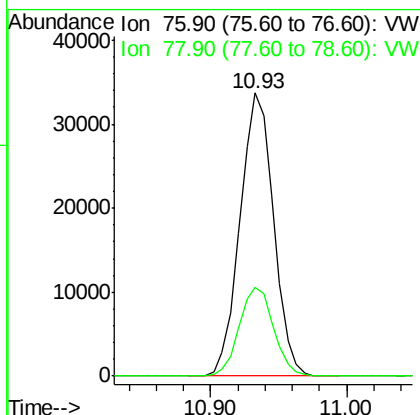
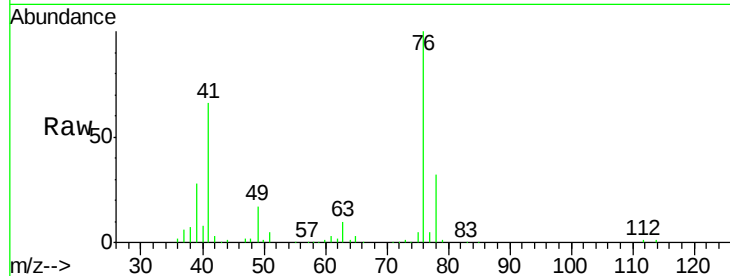




#57
 1,3-Dichloropropane
 Concen: 20.331 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW015804.D
 Acq: 08 Jul 2020 12:33

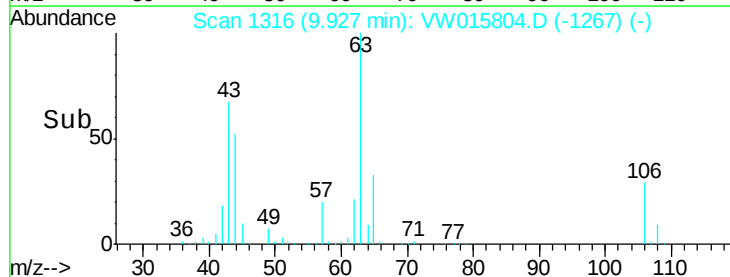
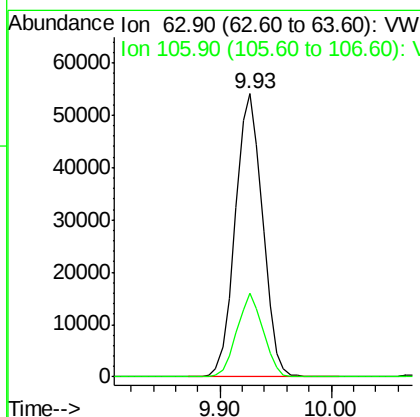
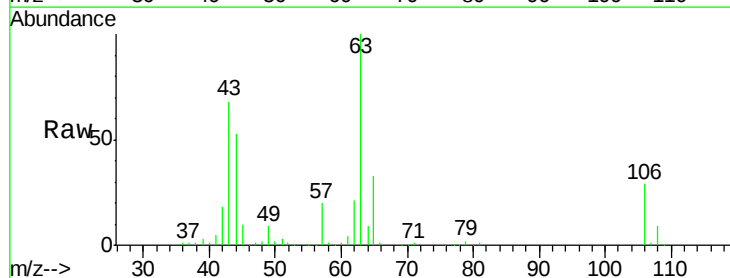
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

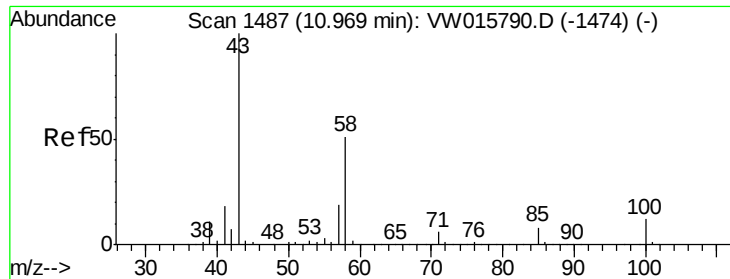
Tot Ion: 76 Resp: 58111
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.548 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW015804.D
 Acq: 08 Jul 2020 12:33

Tgt Ion: 63 Resp: 91706
 Ion Ratio Lower Upper
 63 100
 106 28.6 23.1 34.7





#59

2-Hexanone

Concen: 104.998 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW015804.D

Acq: 08 Jul 2020 12:33

Instrument :

MSVOA_W

ClientSampleId :

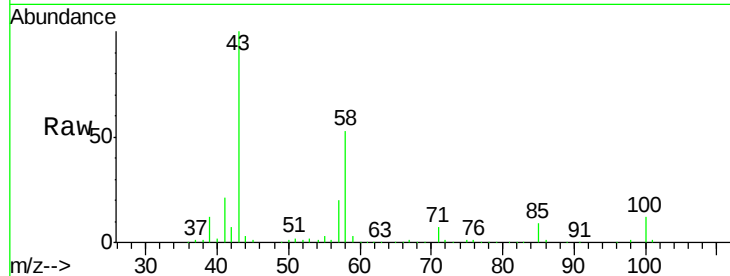
VW0708SBS01

Tot Ion: 43 Resp: 87115

Ion Ratio Lower Upper

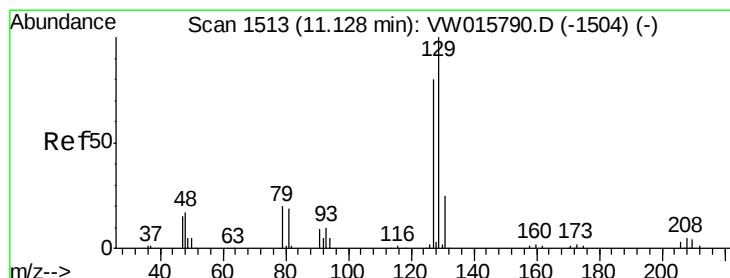
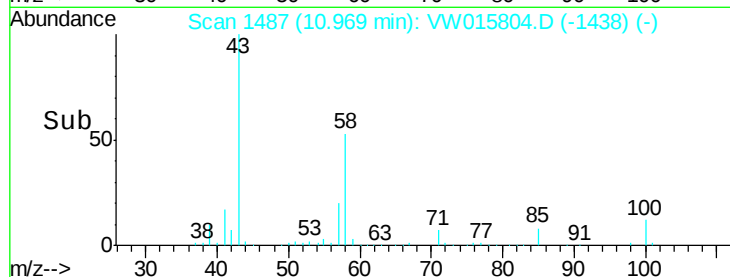
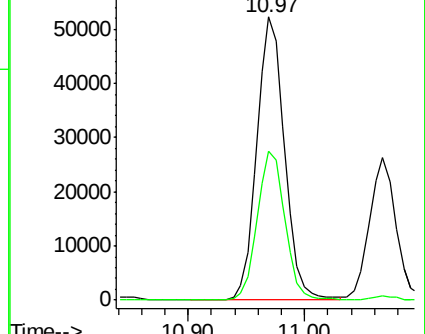
43 100

58 52.5 26.2 78.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#60

Dibromochloromethane

Concen: 19.894 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW015804.D

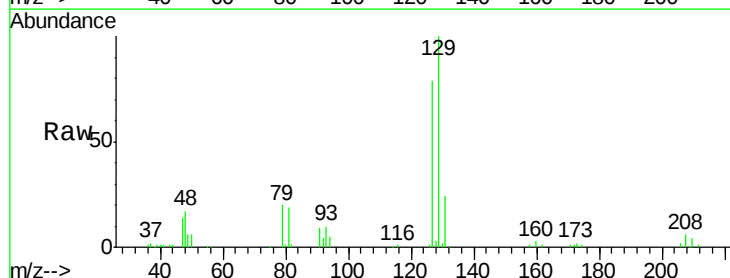
Acq: 08 Jul 2020 12:33

Tgt Ion: 129 Resp: 37098

Ion Ratio Lower Upper

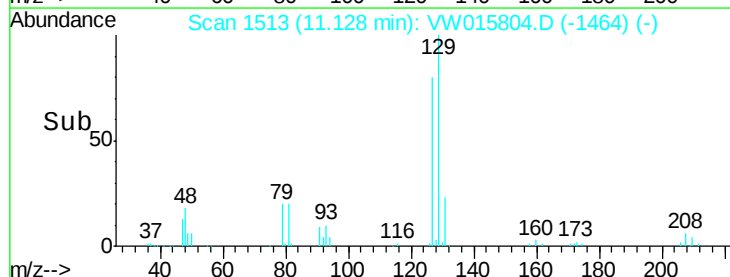
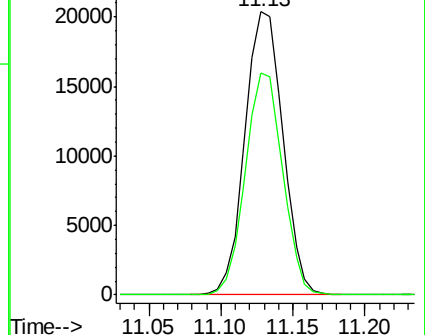
129 100

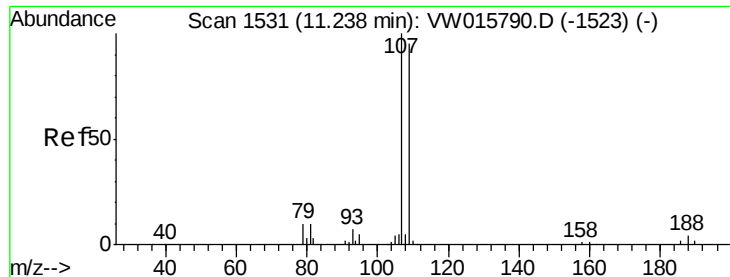
127 77.2 39.4 118.1



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 20.314 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW015804.D

Acq: 08 Jul 2020 12:33

Instrument :

MSVOA_W

ClientSampleId :

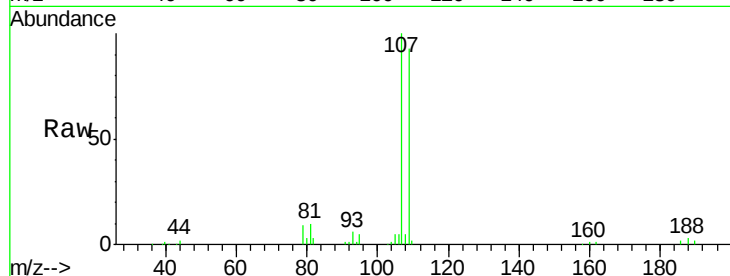
VW0708SBS01

Tot Ion:107 Resp: 31384

Ion Ratio Lower Upper

107 100

109 92.1 77.0 115.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

20000

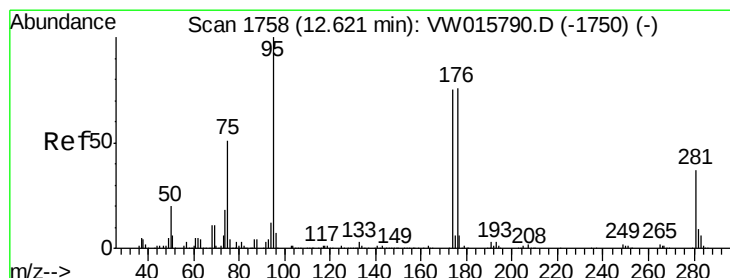
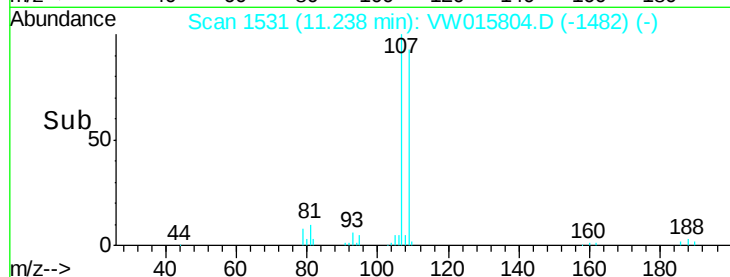
15000

10000

5000

0

Time--> 11.15 11.20 11.25 11.30



#62

4-Bromofluorobenzene

Concen: 48.622 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW015804.D

Acq: 08 Jul 2020 12:33

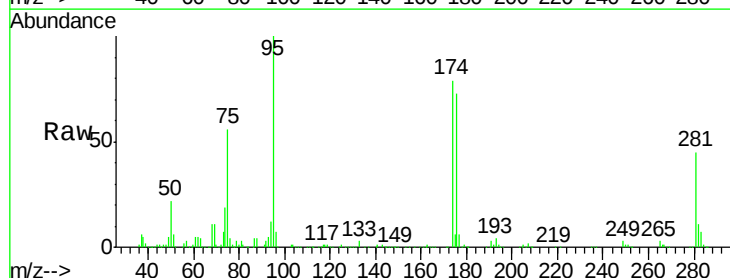
Tgt Ion: 95 Resp: 136247

Ion Ratio Lower Upper

95 100

174 77.9 0.0 150.2

176 73.2 0.0 148.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

100000

80000

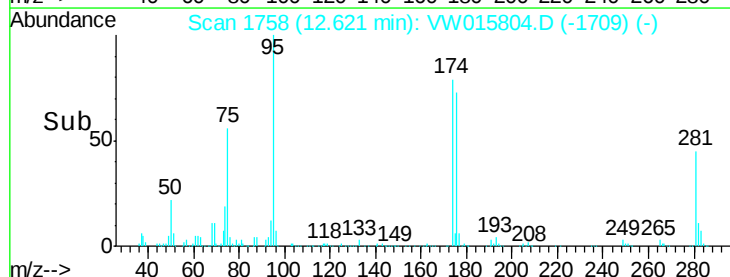
60000

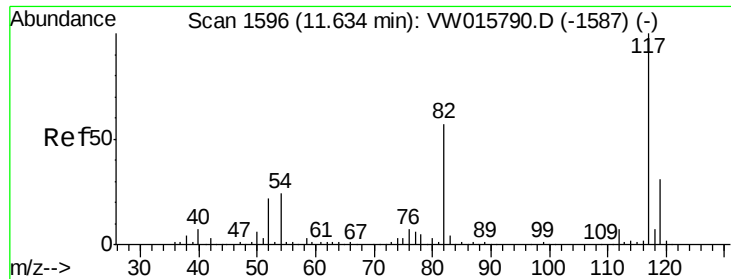
40000

20000

0

Time--> 12.55 12.60 12.65 12.70

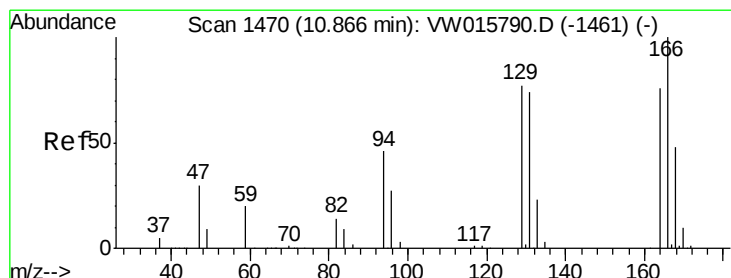
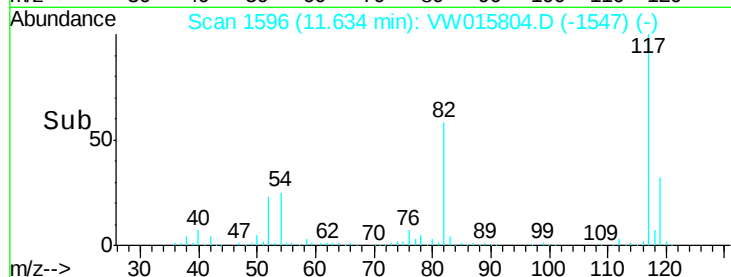
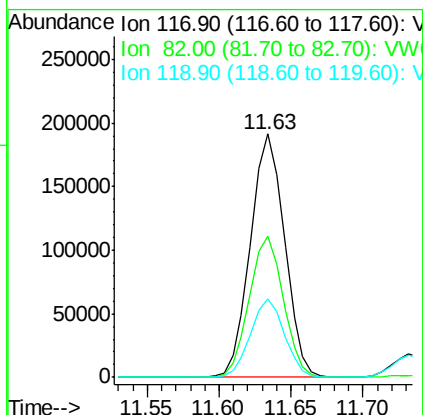
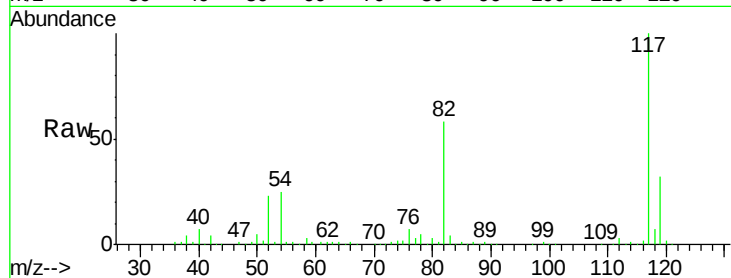




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015804.D
Acq: 08 Jul 2020 12:33

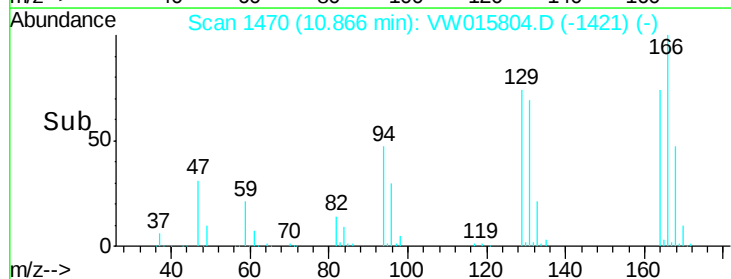
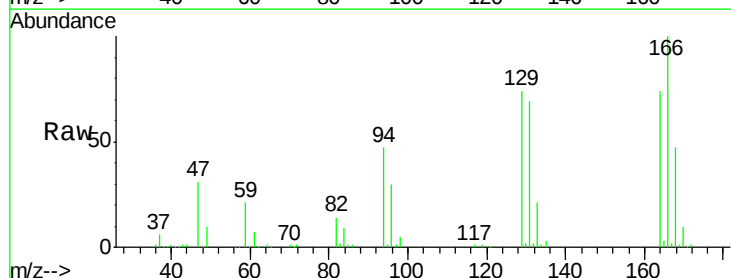
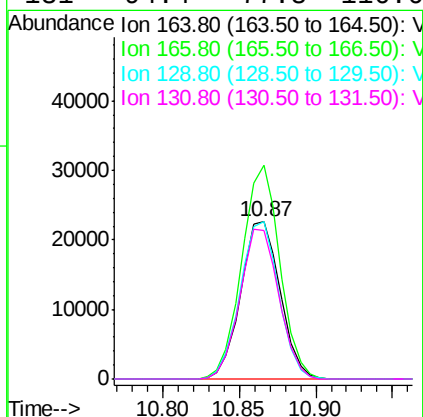
Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

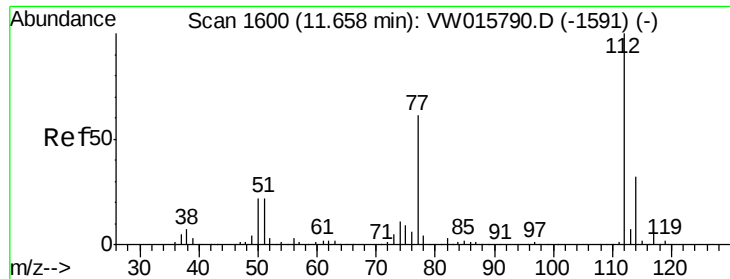
Tot Ion:117 Resp: 313588
Ion Ratio Lower Upper
117 100
82 58.2 45.5 68.3
119 32.3 25.0 37.6



#64
Tetrachloroethene
Concen: 20.424 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW015804.D
Acq: 08 Jul 2020 12:33

Tgt Ion:164 Resp: 40532
Ion Ratio Lower Upper
164 100
166 136.0 105.1 157.7
129 100.0 80.6 121.0
131 94.4 77.8 116.6





#65

Chlorobenzene

Concen: 20.475 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW015804.D

Acq: 08 Jul 2020 12:33

Instrument :

MSVOA_W

ClientSampleId :

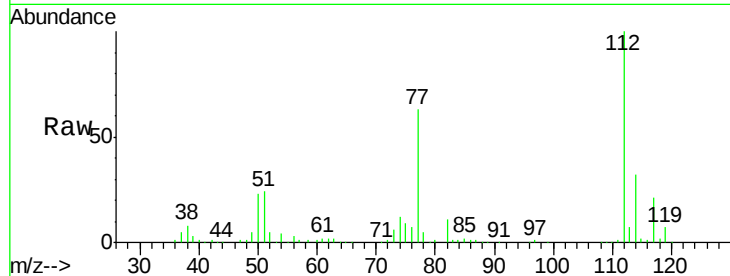
VW0708SBS01

Tot Ion:112 Resp: 125563

Ion Ratio Lower Upper

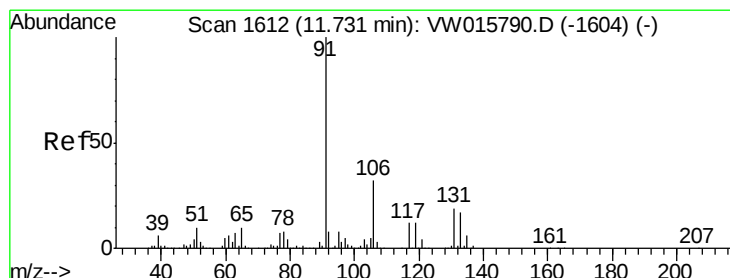
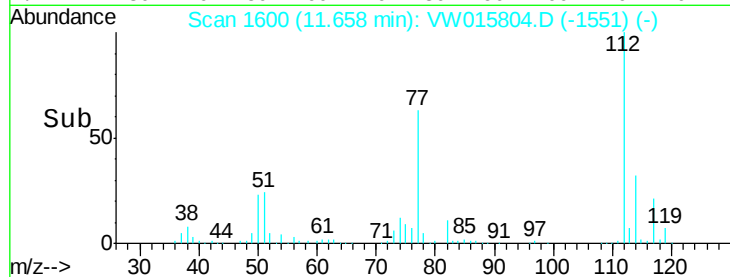
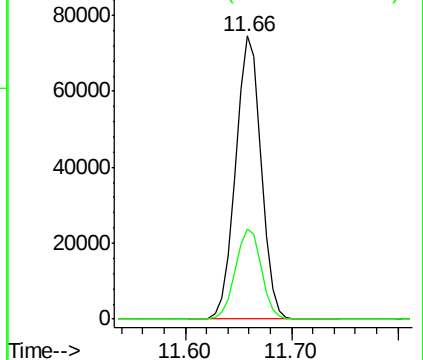
112 100

114 31.9 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.963 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW015804.D

Acq: 08 Jul 2020 12:33

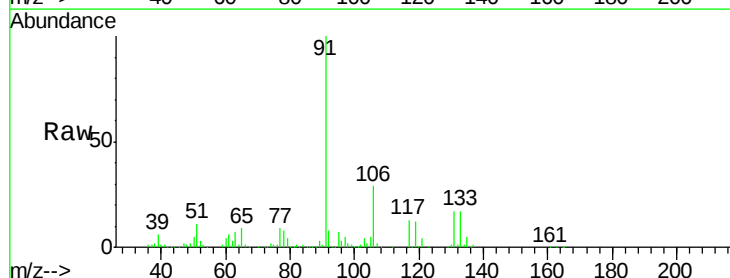
Tgt Ion:131 Resp: 43323

Ion Ratio Lower Upper

131 100

133 98.5 47.0 141.2

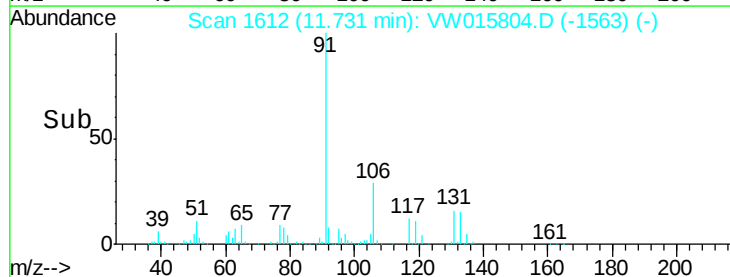
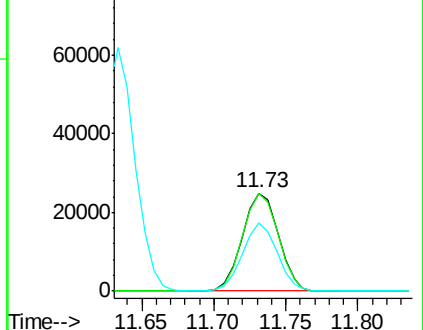
119 66.6 32.3 96.8

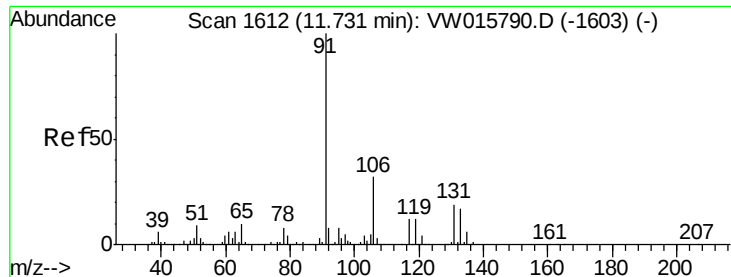


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

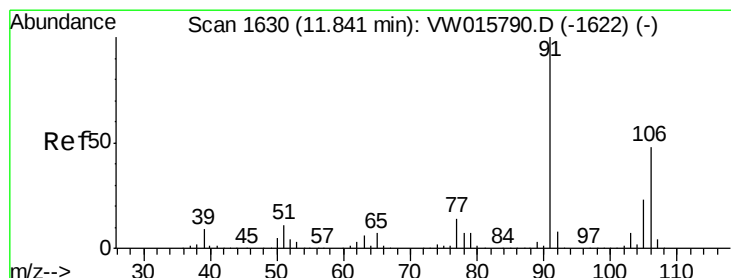
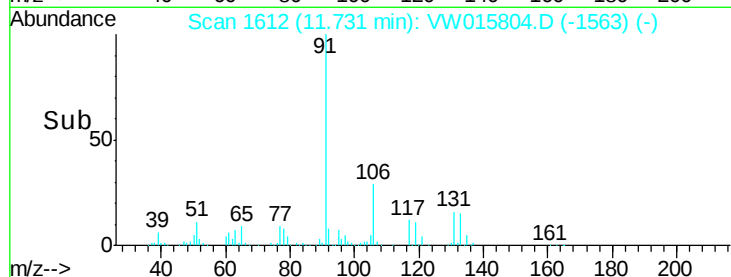
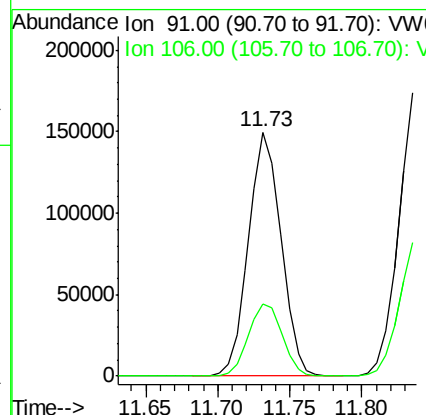
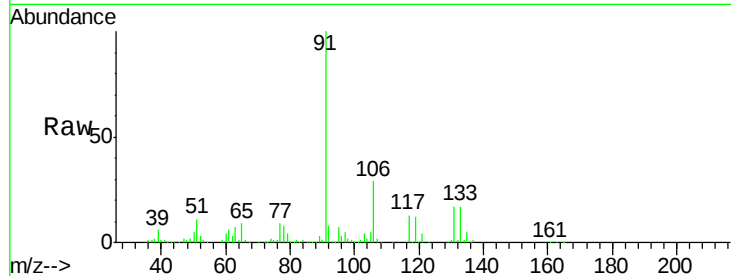




#67
Ethyl Benzene
Concen: 20.685 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015804.D
Acq: 08 Jul 2020 12:33

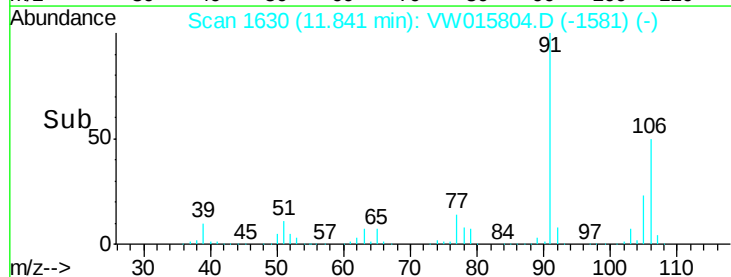
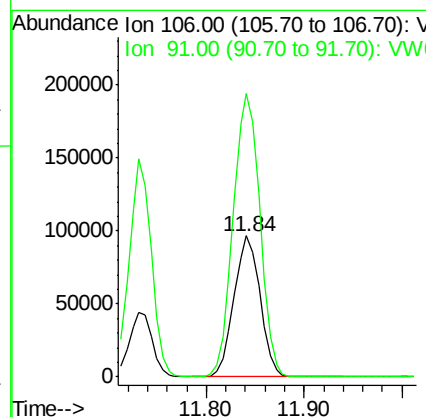
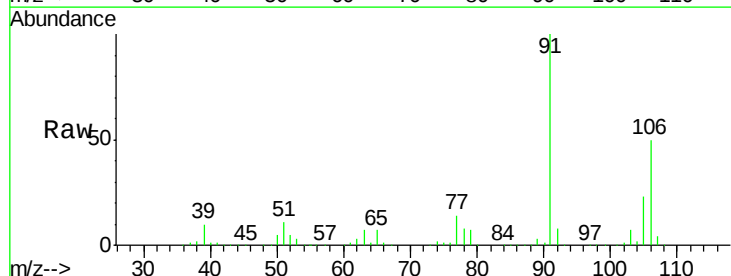
Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

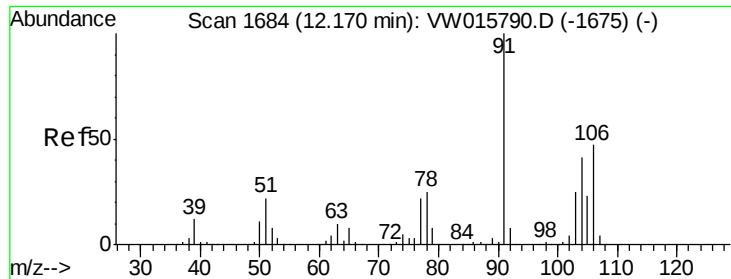
Tot Ion: 91 Resp: 234913
Ion Ratio Lower Upper
91 100
106 29.4 25.8 38.8



#68
m/p-Xylenes
Concen: 41.951 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW015804.D
Acq: 08 Jul 2020 12:33

Tgt Ion: 106 Resp: 178968
Ion Ratio Lower Upper
106 100
91 205.2 164.1 246.1

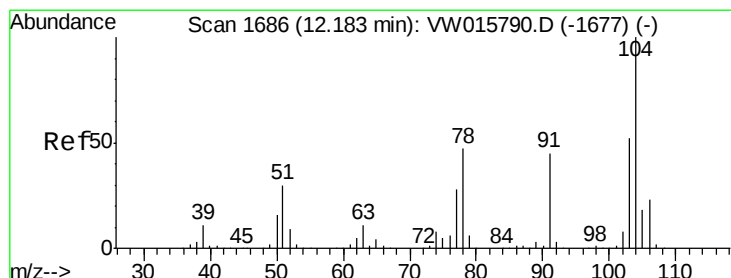
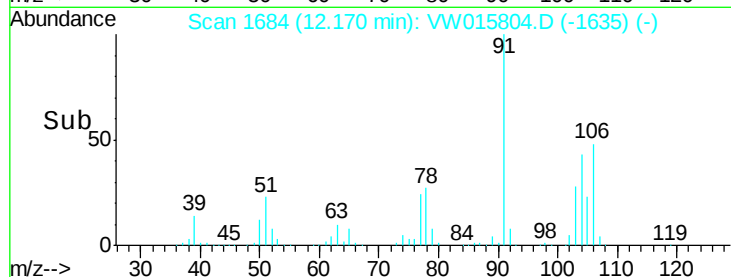
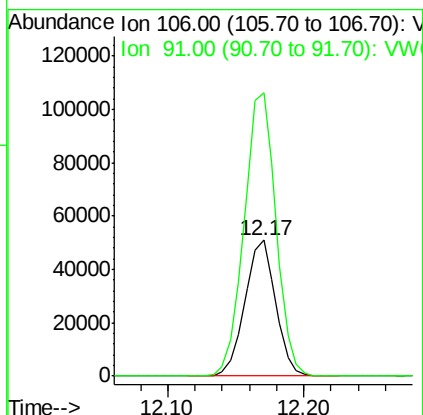
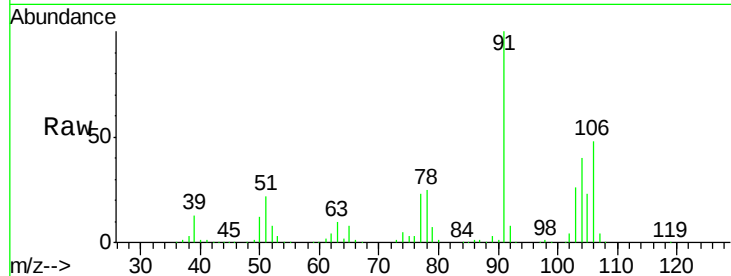




#69
o-Xylene
Concen: 20.683 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW015804.D
Acq: 08 Jul 2020 12:33

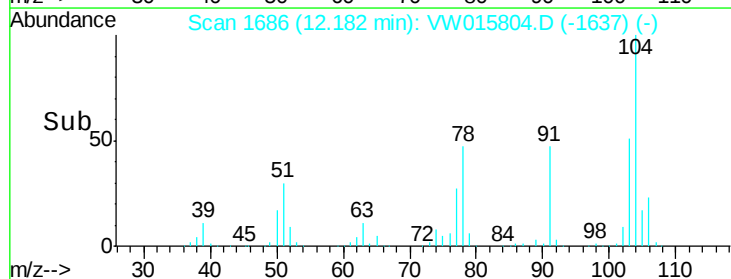
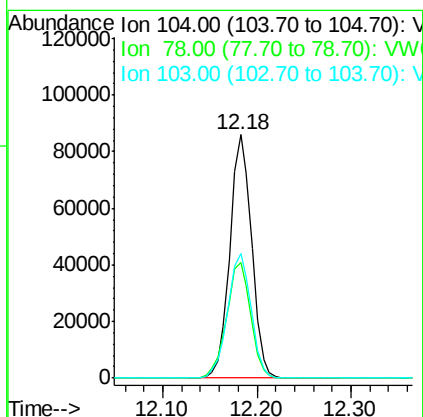
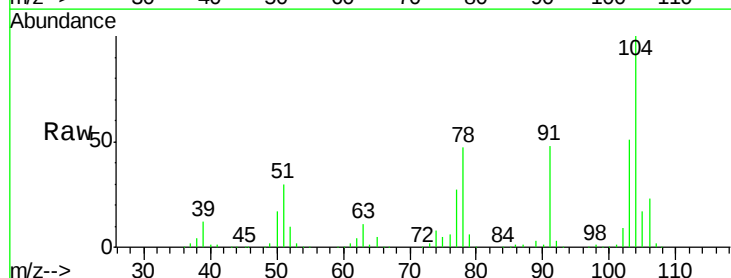
Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

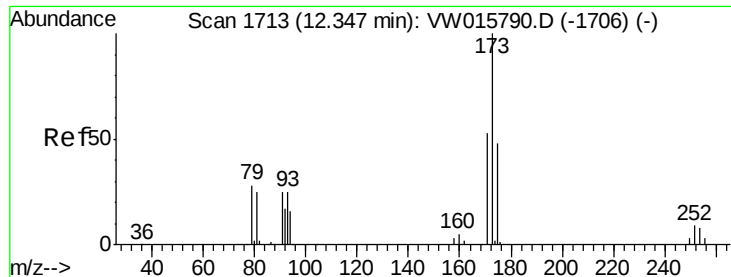
Tot Ion:106 Resp: 80541
Ion Ratio Lower Upper
106 100
91 216.2 108.5 325.3



#70
Styrene
Concen: 20.619 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW015804.D
Acq: 08 Jul 2020 12:33

Tgt Ion:104 Resp: 138159
Ion Ratio Lower Upper
104 100
78 52.5 41.0 61.4
103 55.1 43.8 65.8





#71

Bromoform

Concen: 19.462 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW015804.D

Acq: 08 Jul 2020 12:33

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBS01

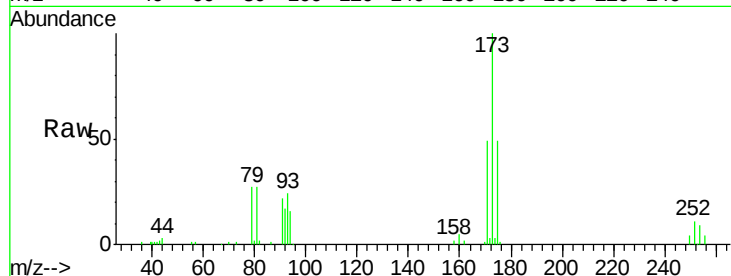
Tot Ion:173 Resp: 19278

Ion Ratio Lower Upper

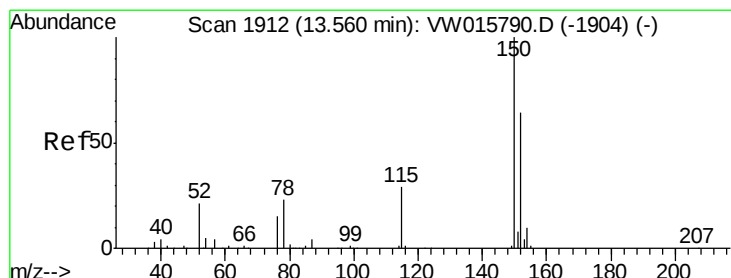
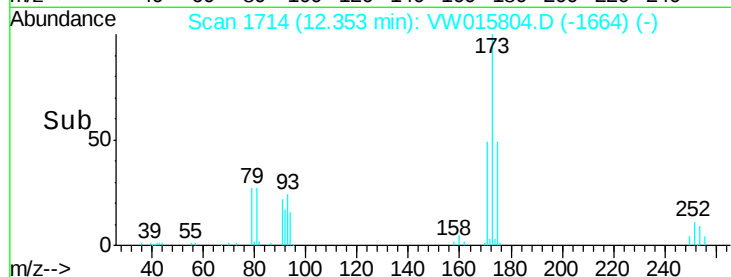
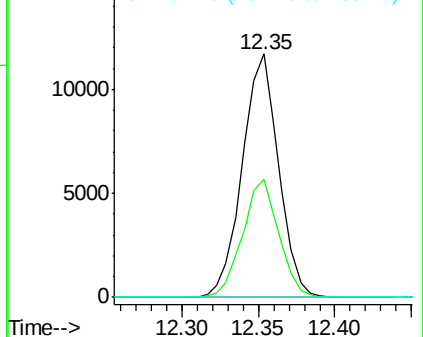
173 100

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: VW015804.D

Acq: 08 Jul 2020 12:33

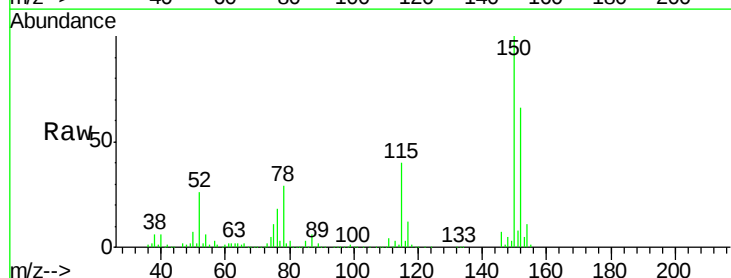
Tgt Ion:152 Resp: 161861

Ion Ratio Lower Upper

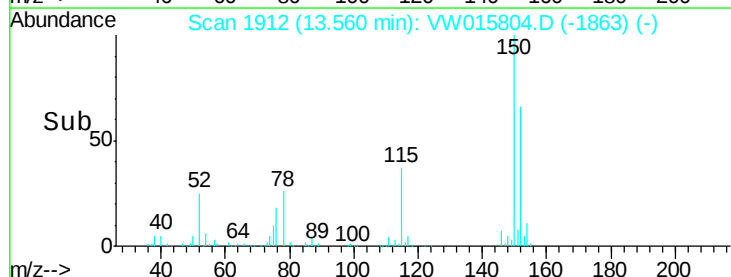
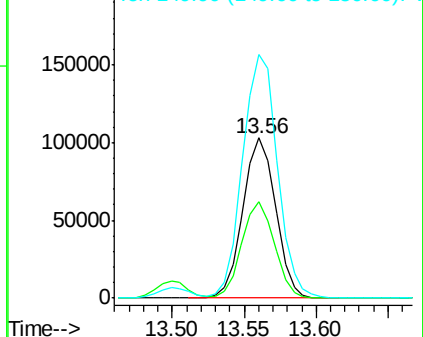
152 100

115 60.0 29.9 89.7

150 162.2 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: 20.087 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW015804.D

Acq: 08 Jul 2020 12:33

Instrument :

MSVOA_W

ClientSampleId :

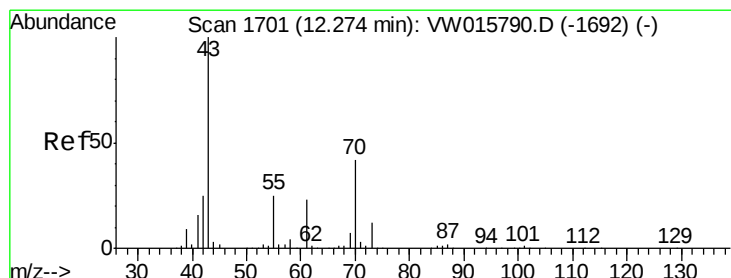
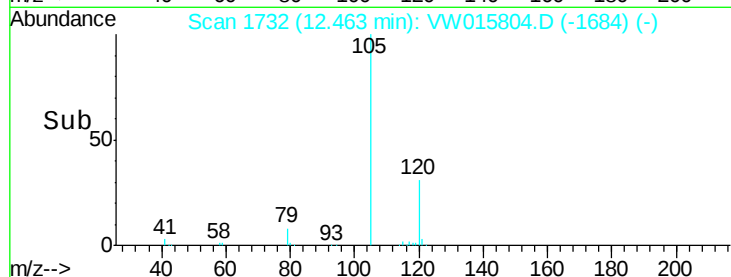
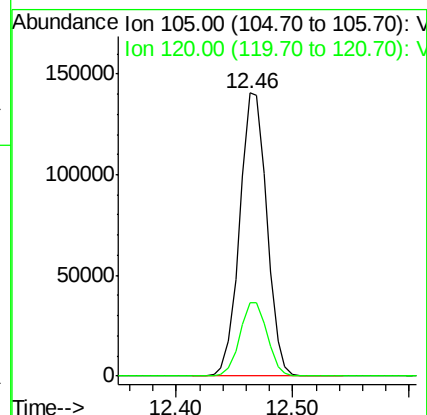
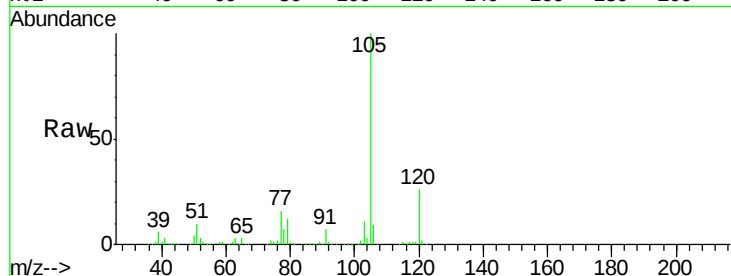
VW0708SBS01

Tot Ion:105 Resp: 229048

Ion Ratio Lower Upper

105 100

120 26.0 13.2 39.6



#74

N-ethyl acetate

Concen: 19.344 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW015804.D

Acq: 08 Jul 2020 12:33

Tgt Ion: 43 Resp: 47192

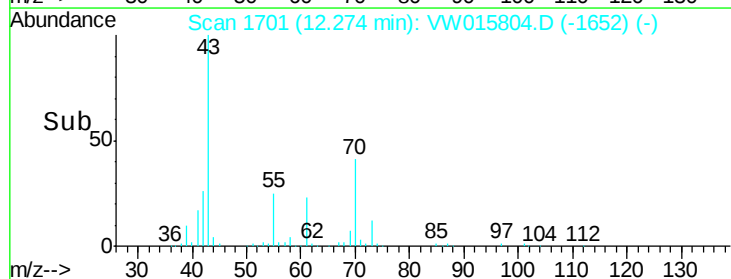
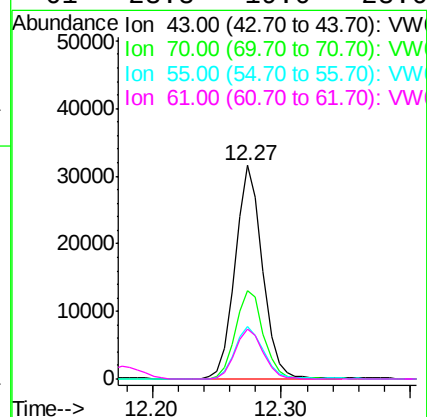
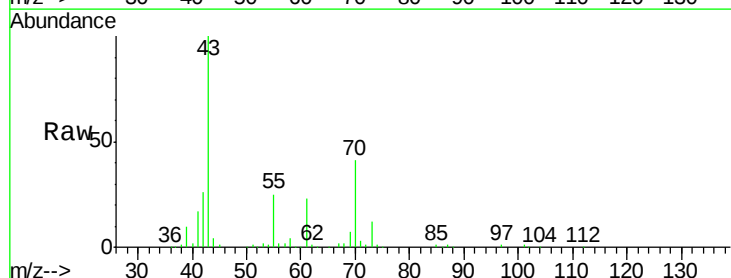
Ion Ratio Lower Upper

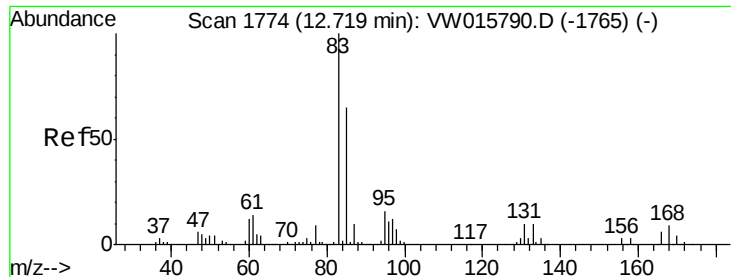
43 100

70 42.3 34.1 51.1

55 25.5 20.0 30.0

61 23.8 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.681 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW015804.D

Acq: 08 Jul 2020 12:33

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBS01

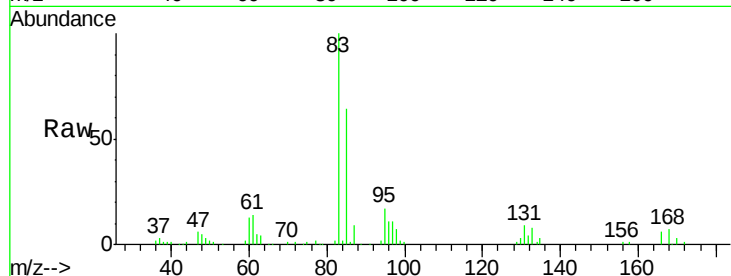
Tot Ion: 83 Resp: 37289

Ion Ratio Lower Upper

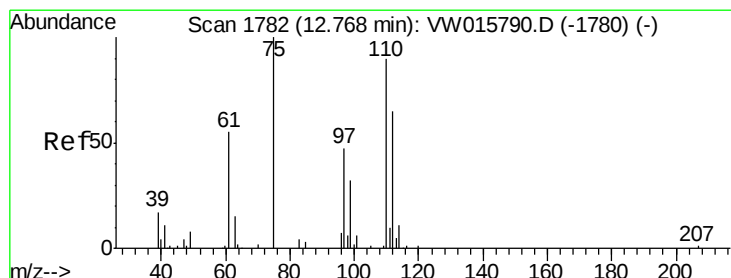
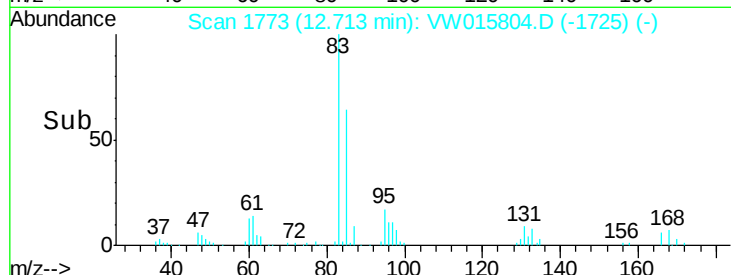
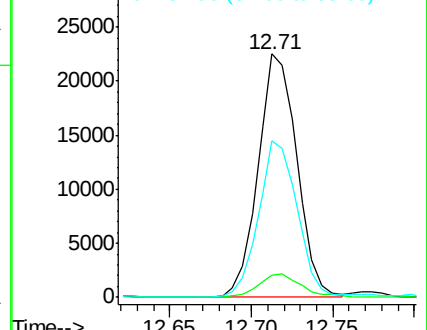
83 100

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): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 33.248 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW015804.D

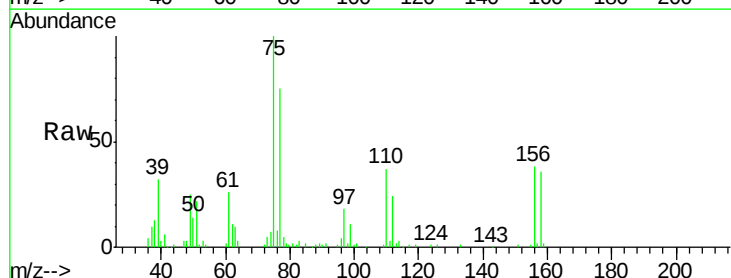
Acq: 08 Jul 2020 12:33

Tgt Ion: 75 Resp: 47297

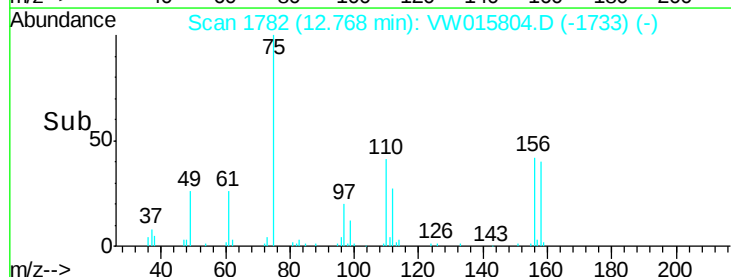
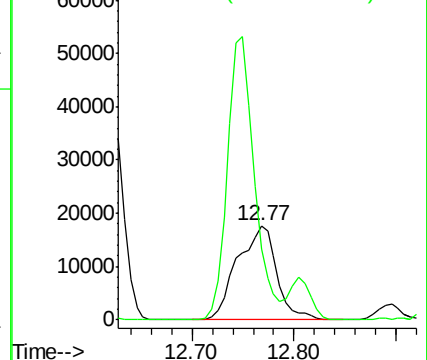
Ion Ratio Lower Upper

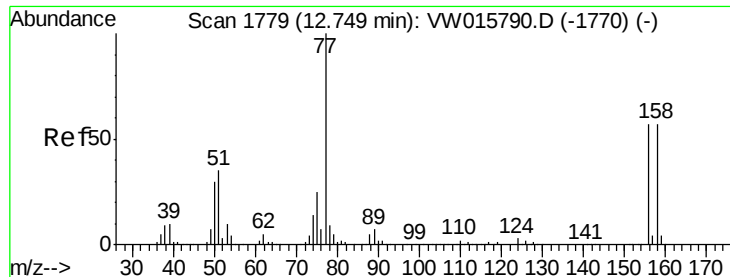
75 100

77 205.3 177.3 532.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.137 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW015804.D

Acq: 08 Jul 2020 12:33

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBS01

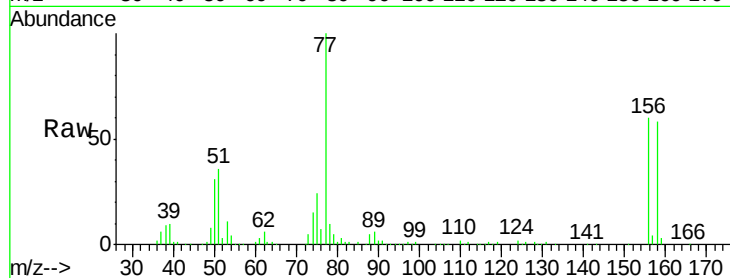
Tot Ion:156 Resp: 51489

Ion Ratio Lower Upper

156 100

77 188.6 98.8 296.4

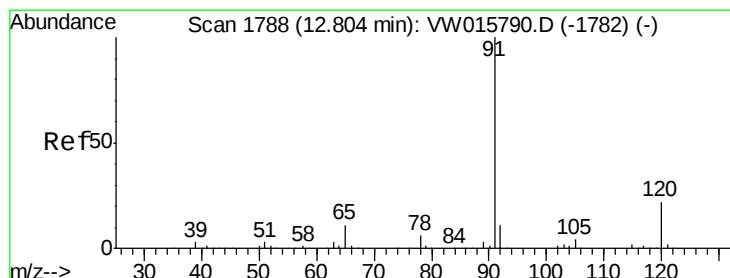
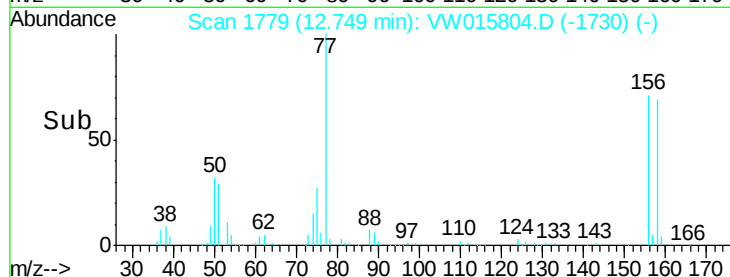
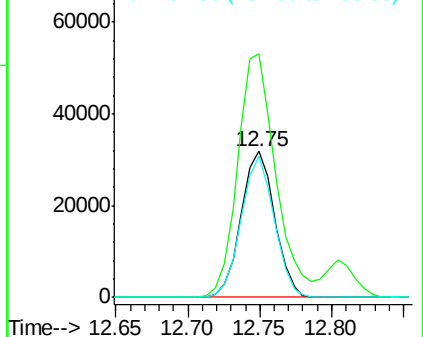
158 95.4 50.0 149.8



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: 20.516 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW015804.D

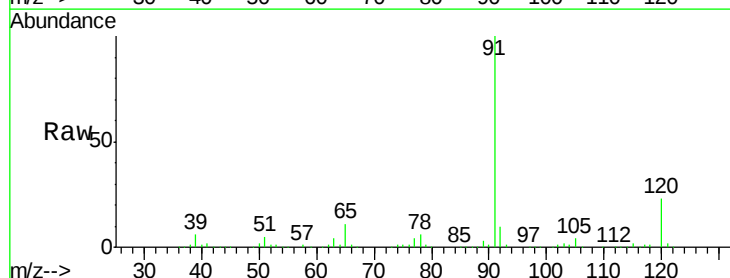
Acq: 08 Jul 2020 12:33

Tgt Ion: 91 Resp: 283961

Ion Ratio Lower Upper

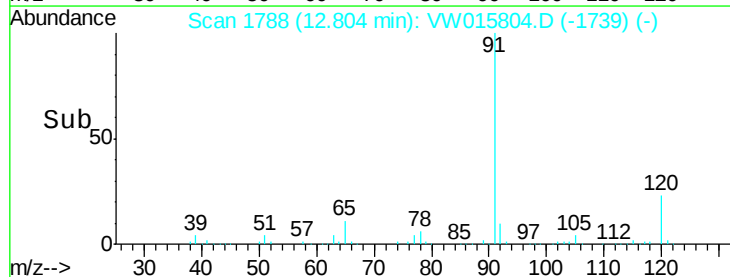
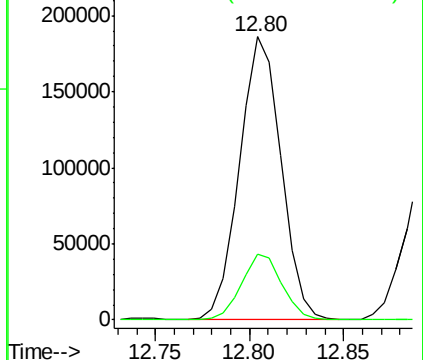
91 100

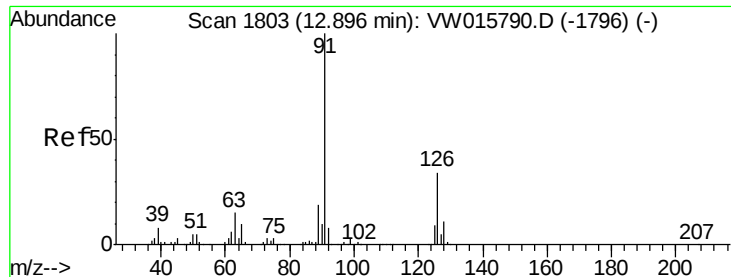
120 22.7 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

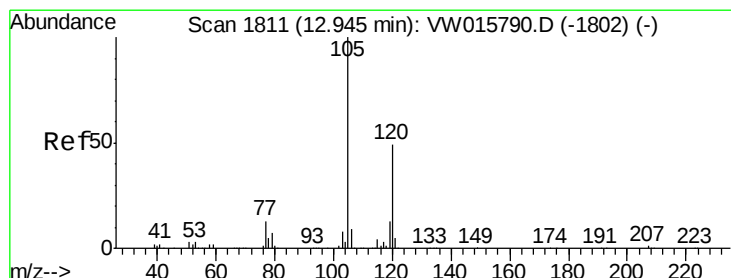
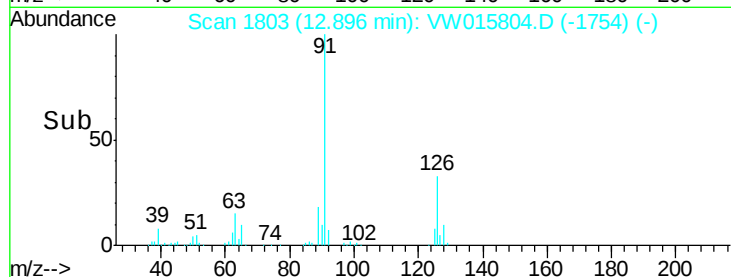
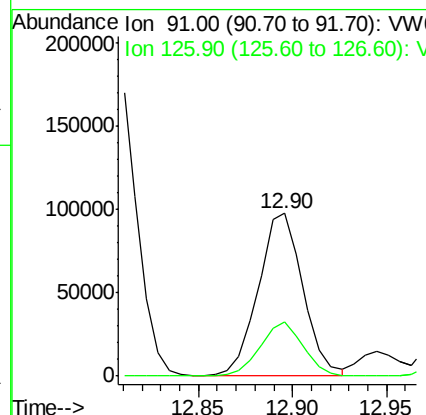
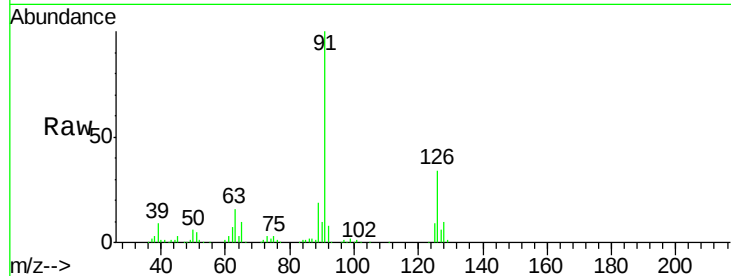




#79
 2-Chlorotoluene
 Concen: 20.211 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW015804.D
 Acq: 08 Jul 2020 12:33

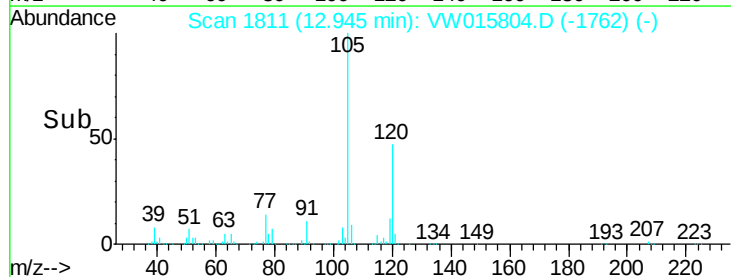
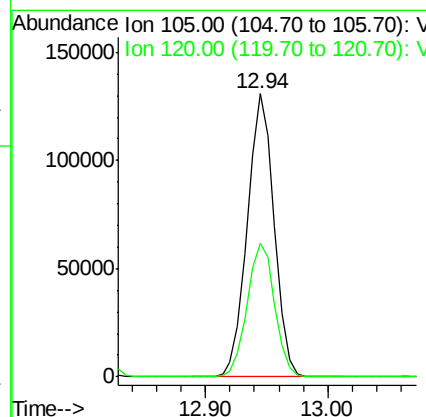
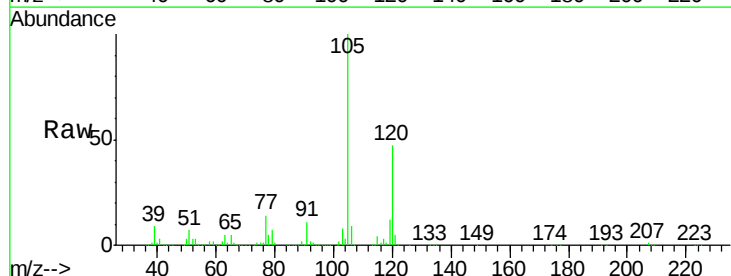
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

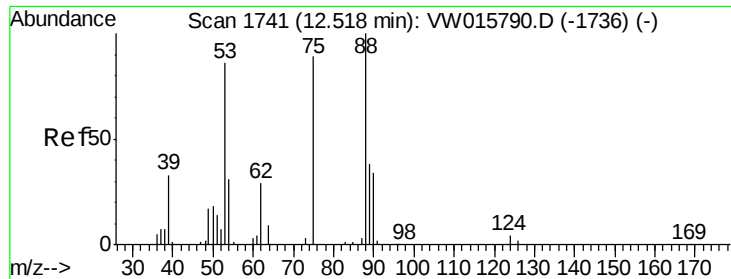
Tot Ion: 91 Resp: 159522
 Ion Ratio Lower Upper
 91 100
 126 32.1 16.5 49.5



#80
 1,3,5-Trimethylbenzene
 Concen: 20.385 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW015804.D
 Acq: 08 Jul 2020 12:33

Tgt Ion: 105 Resp: 198117
 Ion Ratio Lower Upper
 105 100
 120 48.5 25.1 75.3

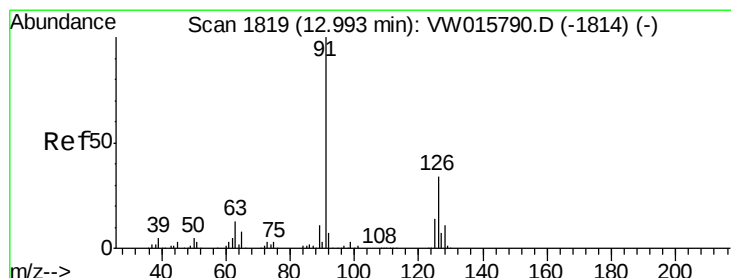
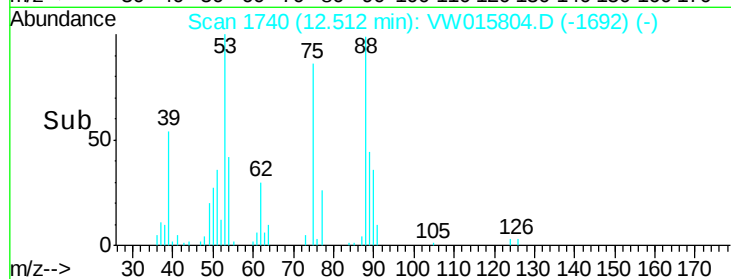
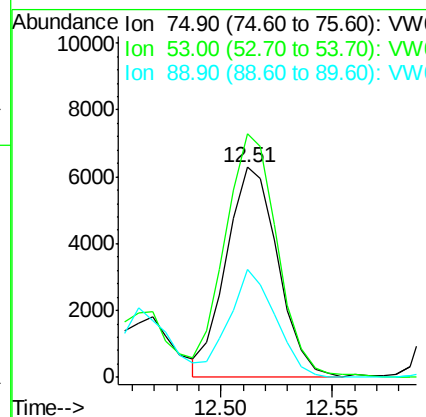
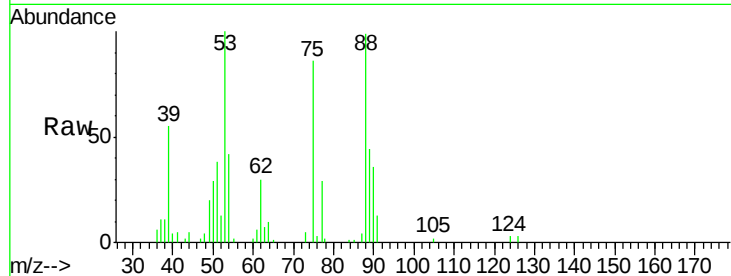




#81
trans-1,4-Dichloro-2-butene
Concen: 18.739 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW015804.D
Acq: 08 Jul 2020 12:33

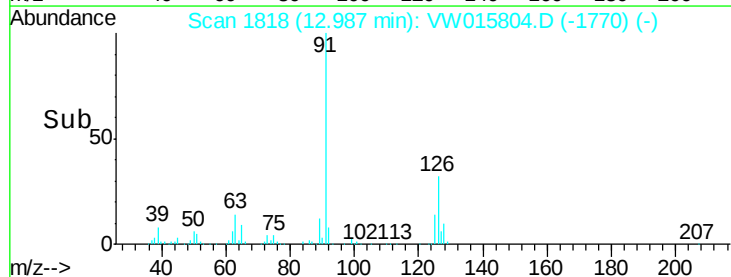
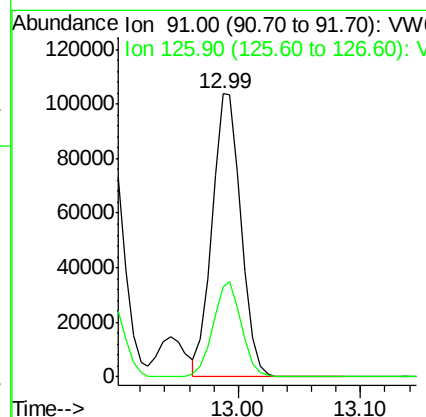
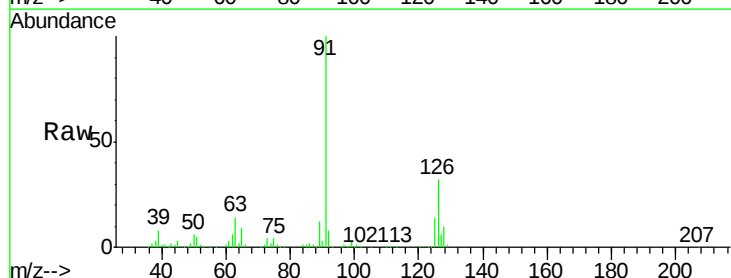
Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

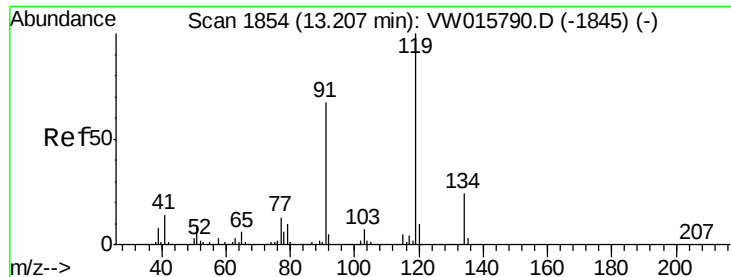
Tot Ion: 75 Resp: 10180
Ion Ratio Lower Upper
75 100
53 117.3 85.9 128.9
89 46.8 36.2 54.4



#82
4-Chlorotoluene
Concen: 20.633 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.01 min
Lab File: VW015804.D
Acq: 08 Jul 2020 12:33

Tgt Ion: 91 Resp: 170065
Ion Ratio Lower Upper
91 100
126 32.9 16.3 48.9

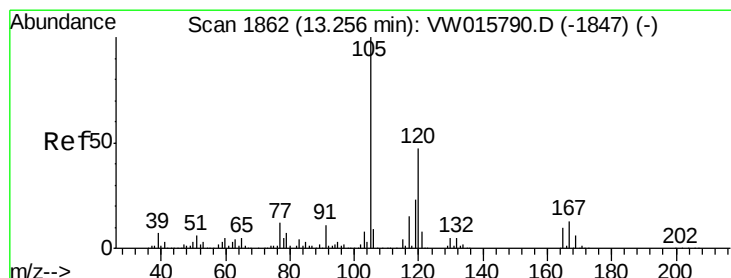
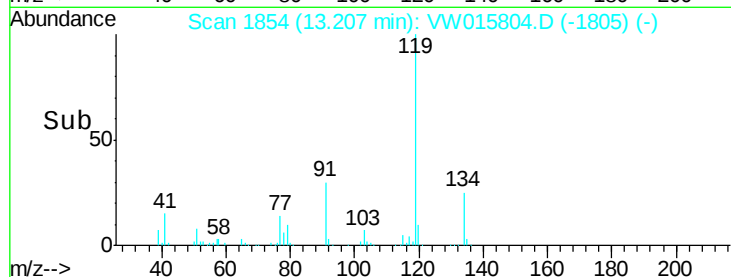
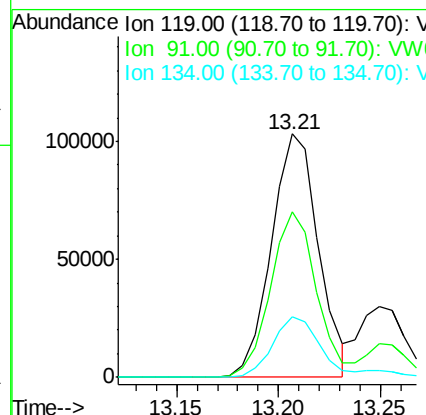
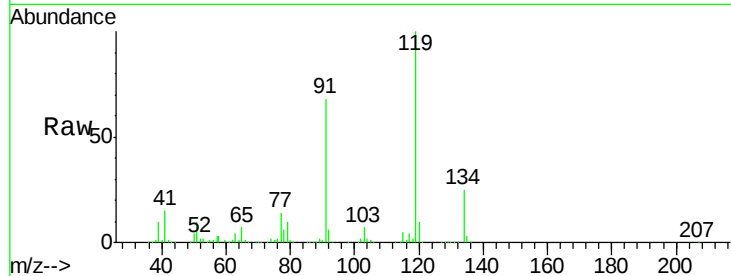




#83
tert-Butylbenzene
Concen: 20.560 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW015804.D
Acq: 08 Jul 2020 12:33

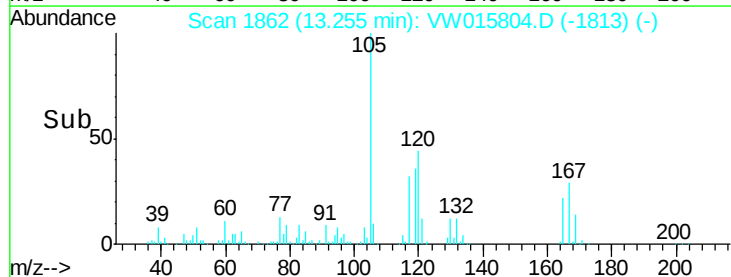
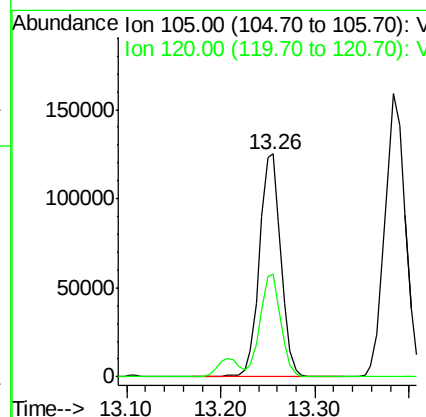
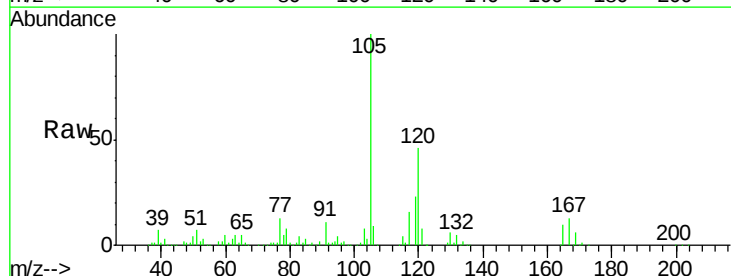
Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

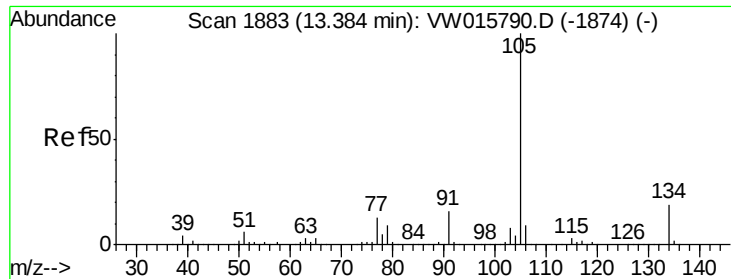
Tot Ion:119 Resp: 165890
Ion Ratio Lower Upper
119 100
91 67.1 34.4 103.3
134 24.8 13.6 40.7



#84
1,2,4-Trimethylbenzene
Concen: 20.744 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW015804.D
Acq: 08 Jul 2020 12:33

Tgt Ion:105 Resp: 201339
Ion Ratio Lower Upper
105 100
120 44.4 22.8 68.4

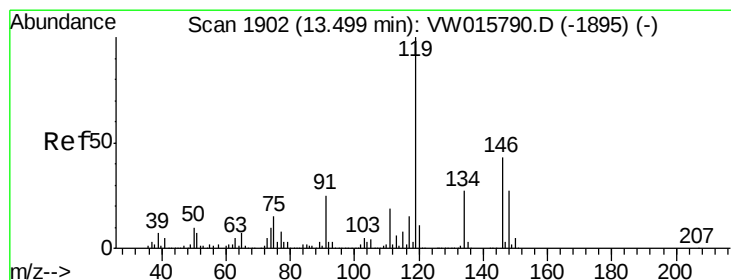
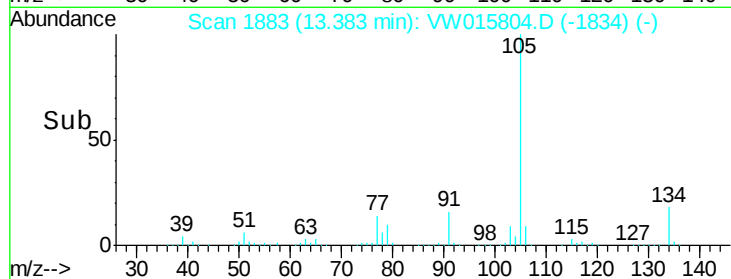
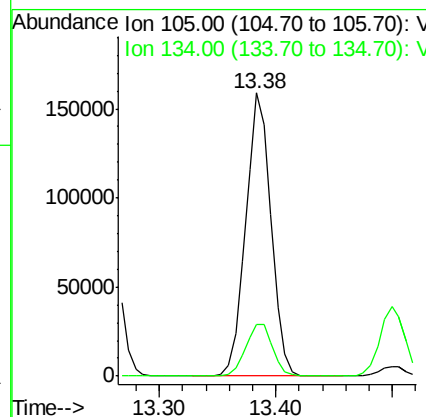
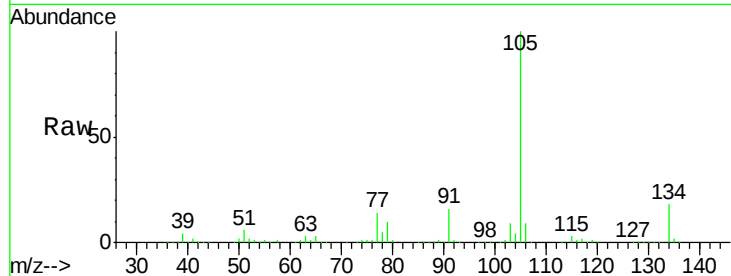




#85
 sec-Butylbenzene
 Concen: 20.629 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW015804.D
 Acq: 08 Jul 2020 12:33

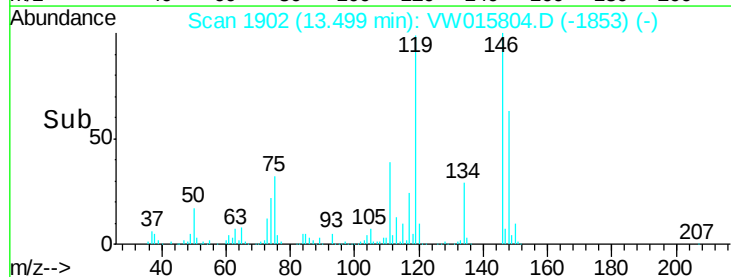
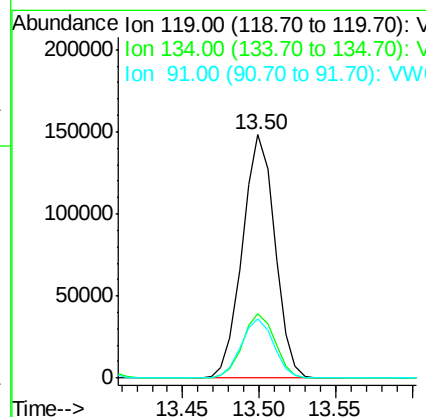
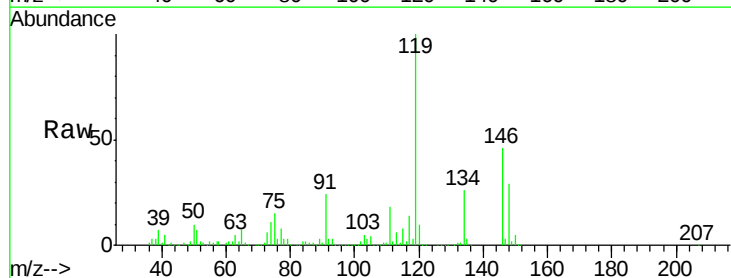
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

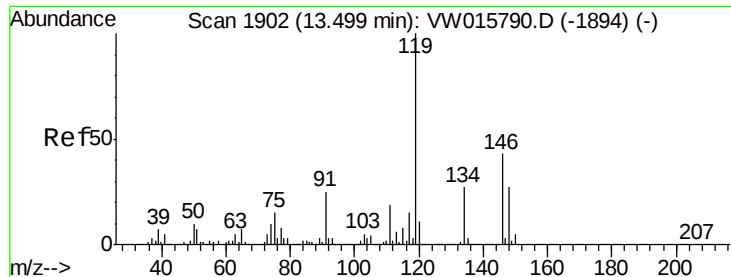
Tot Ion:105 Resp: 240379
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 20.505 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW015804.D
 Acq: 08 Jul 2020 12:33

Tgt Ion:119 Resp: 218180
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.6
 91 24.5 12.2 36.6

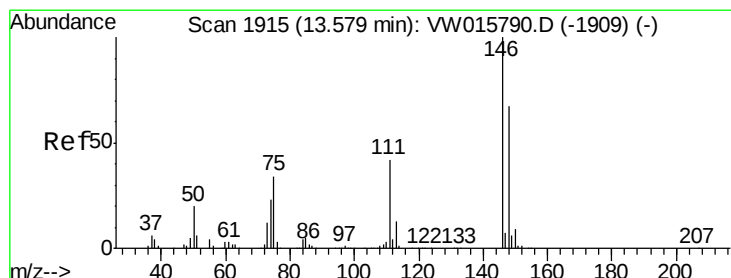
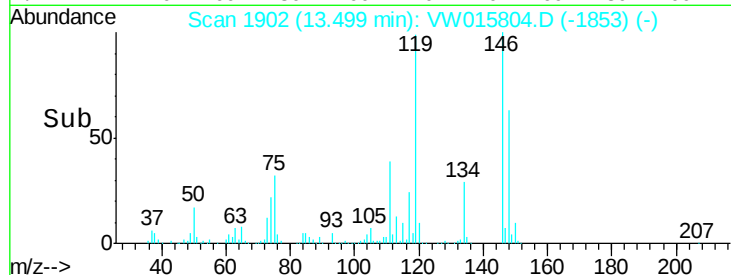
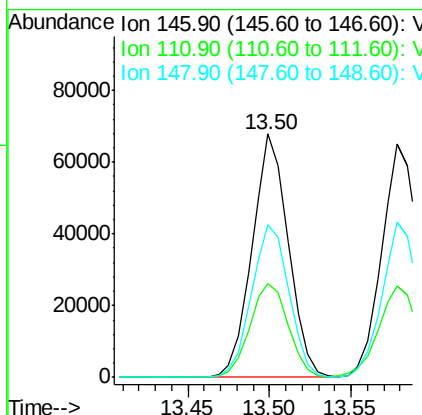
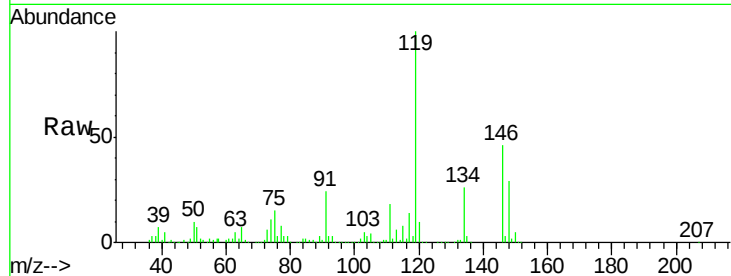




#87
 1,3-Dichlorobenzene
 Concen: 20.468 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW015804.D
 Acq: 08 Jul 2020 12:33

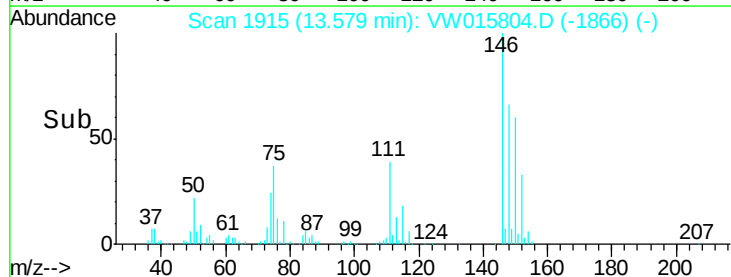
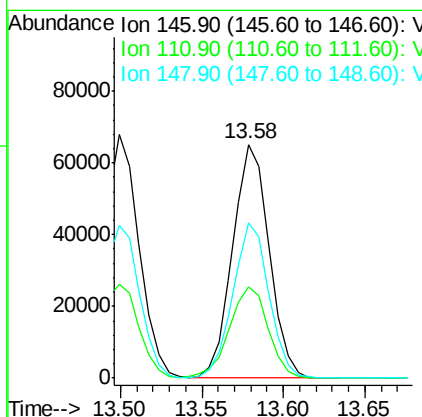
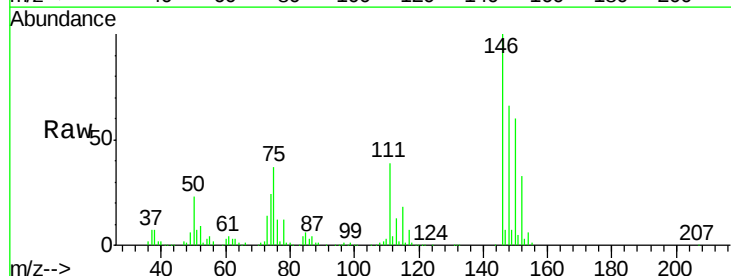
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

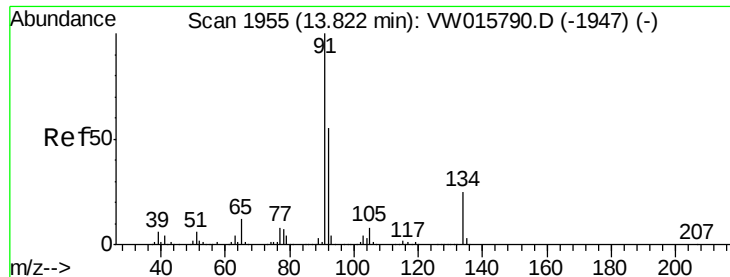
Tot Ion:146 Resp: 104906
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.8 62.4
 148 64.8 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 20.312 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW015804.D
 Acq: 08 Jul 2020 12:33

Tgt Ion:146 Resp: 101916
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.2 60.6
 148 65.6 31.8 95.4





#89

n-Butylbenzene

Concen: 21.107 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW015804.D

Acq: 08 Jul 2020 12:33

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBS01

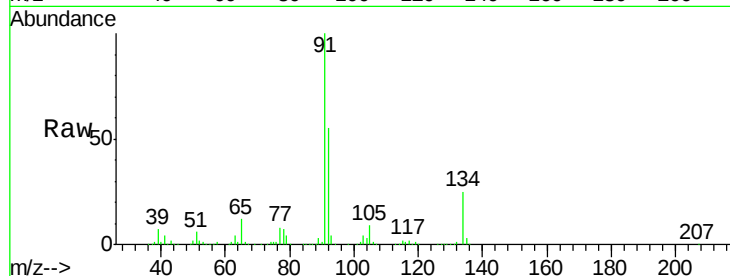
Tot Ion: 91 Resp: 214922

Ion Ratio Lower Upper

91 100

92 53.3 27.2 81.6

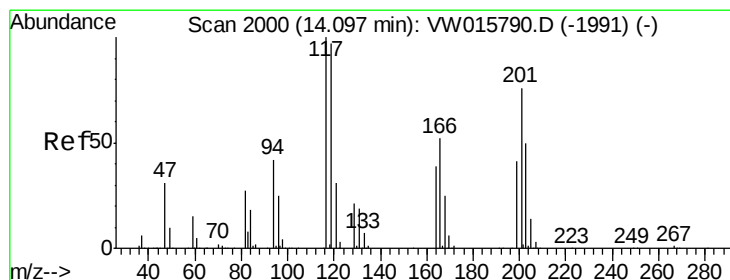
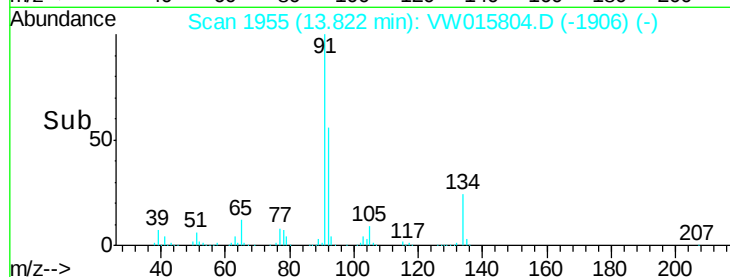
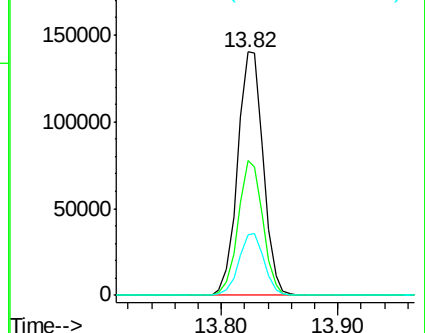
134 25.2 12.7 38.1



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: 19.882 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW015804.D

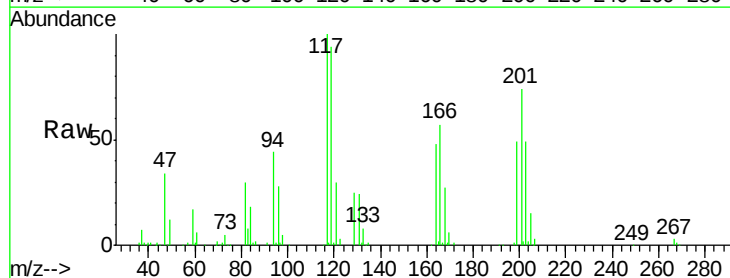
Acq: 08 Jul 2020 12:33

Tgt Ion: 117 Resp: 38345

Ion Ratio Lower Upper

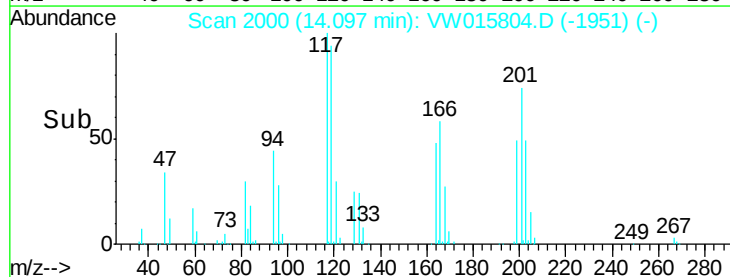
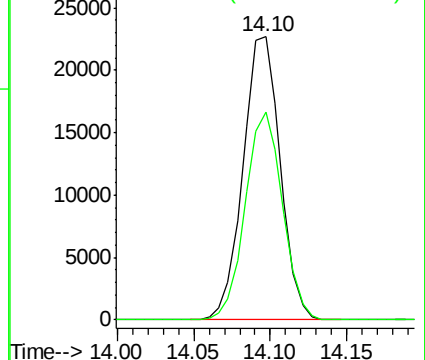
117 100

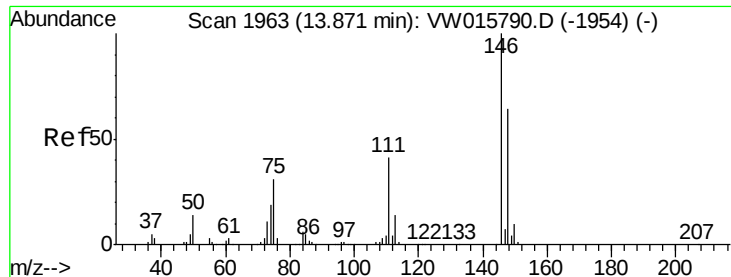
201 73.4 37.1 111.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 20.439 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW015804.D

Acq: 08 Jul 2020 12:33

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBS01

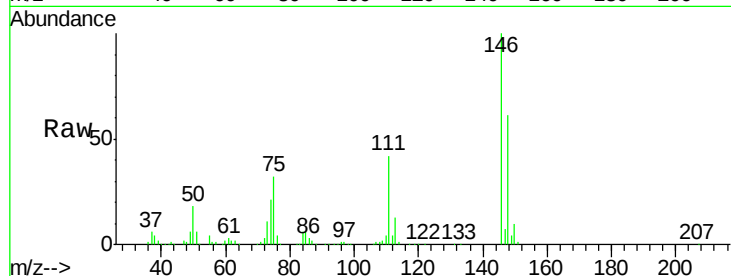
Tot Ion:146 Resp: 90756

Ion Ratio Lower Upper

146 100

111 43.0 20.6 61.9

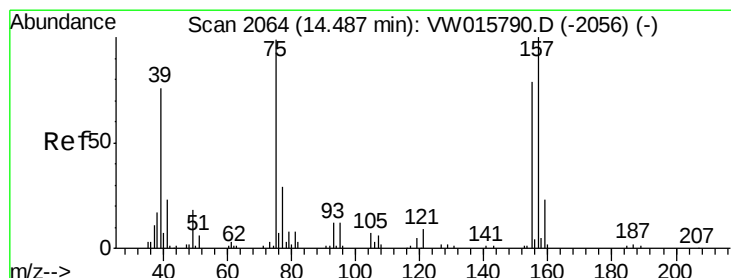
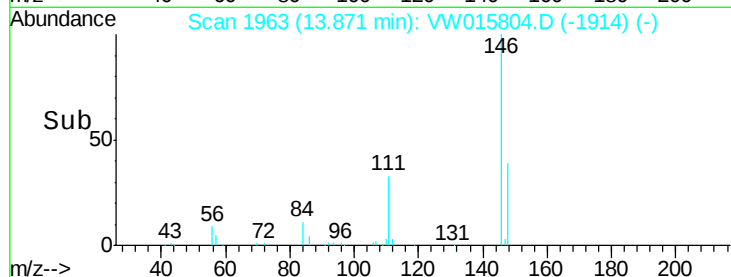
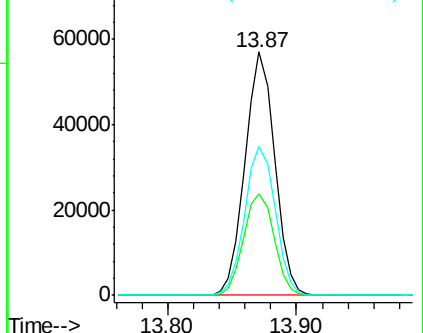
148 63.1 31.8 95.4



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: 19.350 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW015804.D

Acq: 08 Jul 2020 12:33

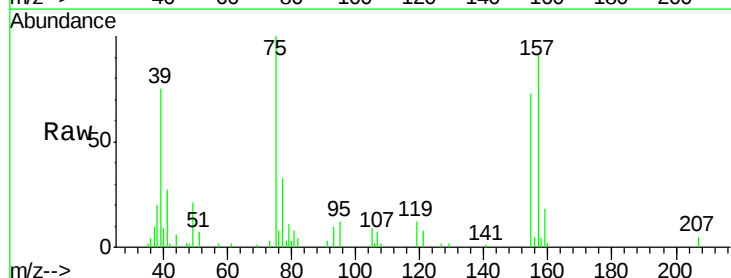
Tgt Ion: 75 Resp: 5858

Ion Ratio Lower Upper

75 100

155 77.2 39.1 117.5

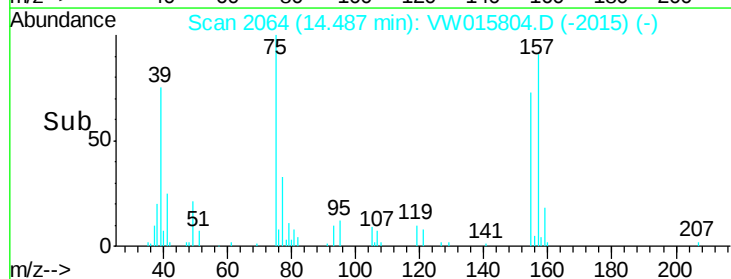
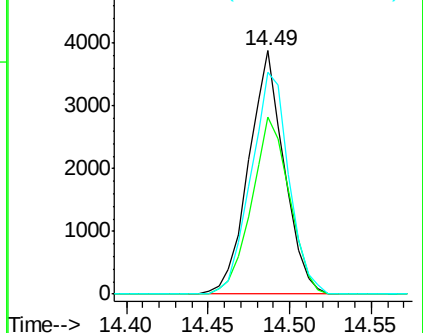
157 97.1 49.1 147.4

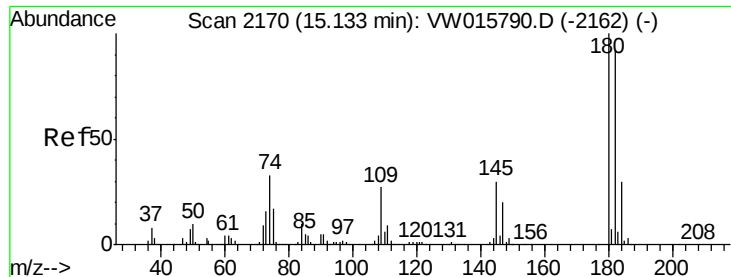


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

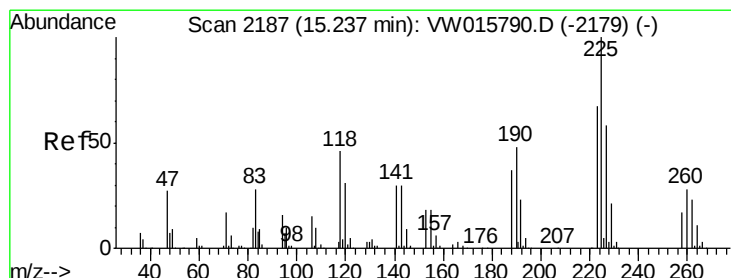
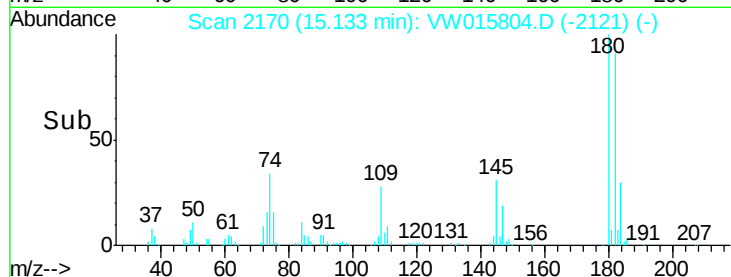
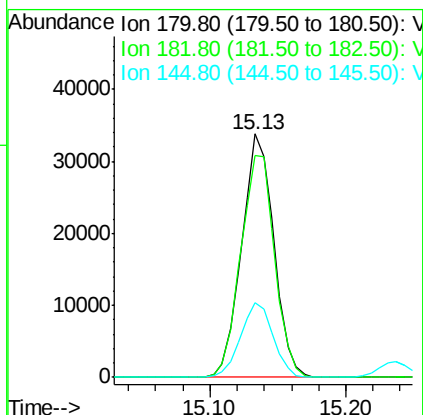
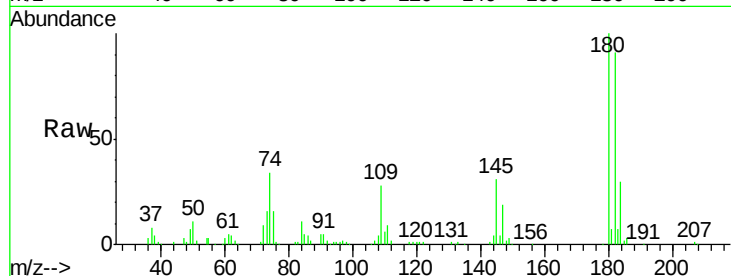




#93
 1,2,4-Trichlorobenzene
 Concen: 19.985 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW015804.D
 Acq: 08 Jul 2020 12:33

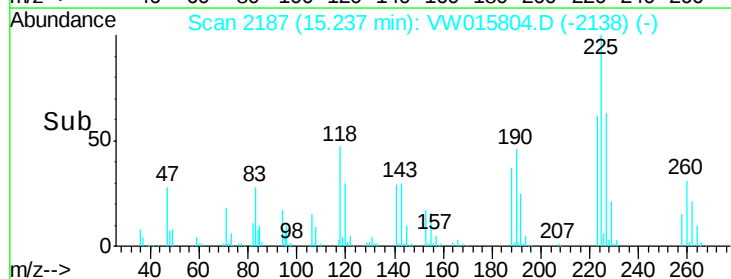
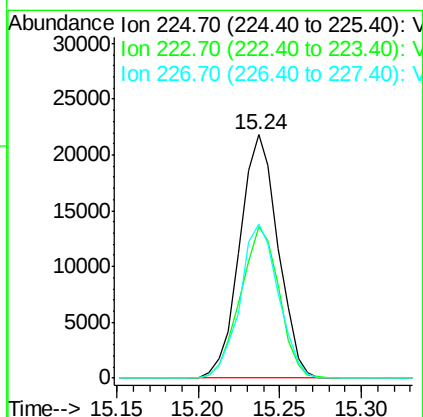
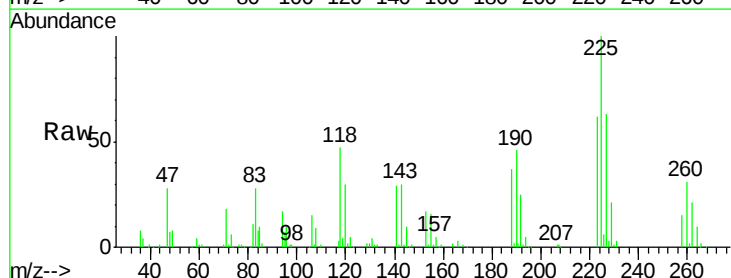
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

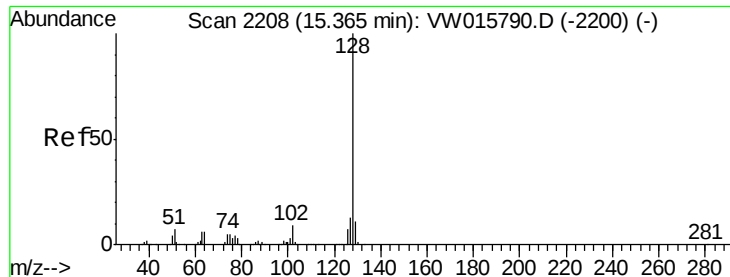
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	46.8	140.3
145	30.8	15.4	46.4



#94
 Hexachlorobutadiene
 Concen: 20.069 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW015804.D
 Acq: 08 Jul 2020 12:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	32.4	97.2
227	63.4	30.7	92.1

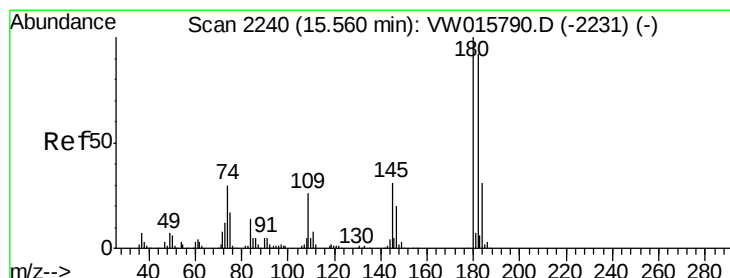
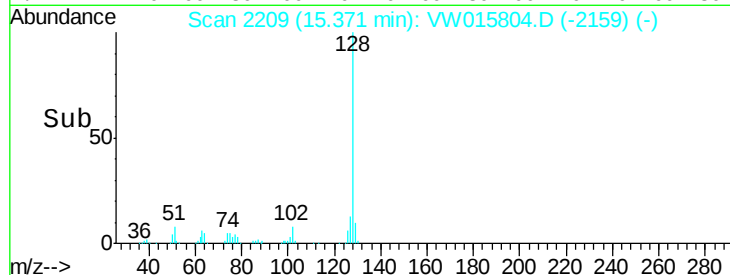
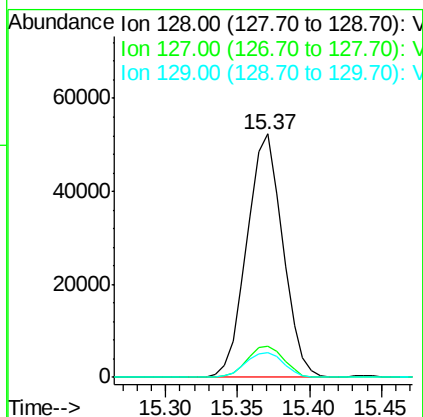
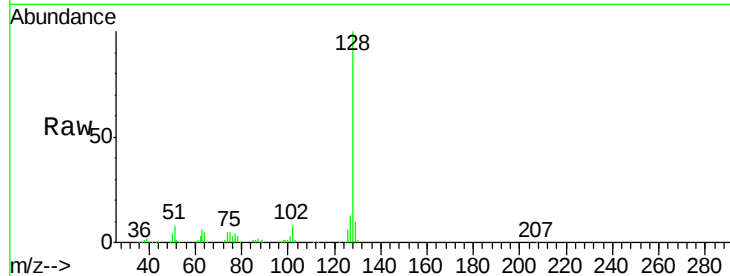




#95
Naphthalene
Concen: 19.093 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW015804.D
Acq: 08 Jul 2020 12:33

Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

Tot Ion:128 Resp: 90212
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.151 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW015804.D
Acq: 08 Jul 2020 12:33

Tgt Ion:180 Resp: 48001
Ion Ratio Lower Upper
180 100
182 92.5 47.7 143.1
145 32.8 16.7 50.0

