

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070820\
 Data File : VW015805.D
 Acq On : 08 Jul 2020 12:57
 Operator : SY/VA
 Sample : VW0708SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

Quant Time: Jul 09 04:37:28 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	201898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	322870	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	298849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	153183	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	101887	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
35) Dibromofluoromethane	7.89	113	91564	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
50) Toluene-d8	10.33	98	353441	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
62) 4-Bromofluorobenzene	12.62	95	131300	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	25903	24.361	ug/l	100
3) Chloromethane	2.21	50	30082	20.832	ug/l	96
4) Vinyl Chloride	2.37	62	50524	22.661	ug/l	99
5) Bromomethane	2.78	94	35940	21.066	ug/l	100
6) Chloroethane	2.93	64	32897	21.863	ug/l	94
7) Trichlorofluoromethane	3.26	101	35795	22.339	ug/l	96
8) Diethyl Ether	3.68	74	20851	20.884	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	42607	22.715	ug/l	98
10) Methyl Iodide	4.27	142	57316	21.855	ug/l	99
11) Tert butyl alcohol	5.18	59	16525	149.876	ug/l	96
12) 1,1-Dichloroethene	4.04	96	40622	22.027	ug/l	97
13) Acrolein	3.90	56	15884	110.133	ug/l	99
14) Allyl chloride	4.67	41	63920	21.325	ug/l	99
15) Acrylonitrile	5.37	53	42976	110.094	ug/l	99
16) Acetone	4.12	43	46060	118.403	ug/l	98
17) Carbon Disulfide	4.39	76	116782	21.287	ug/l	99
18) Methyl Acetate	4.68	43	18683	21.104	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	61039	22.114	ug/l	98
20) Methylene Chloride	4.92	84	58106	26.979	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	45327	21.220	ug/l	97
22) Diisopropyl ether	6.32	45	129134	21.378	ug/l	98
23) Vinyl Acetate	6.26	43	383866	106.843	ug/l	100
24) 1,1-Dichloroethane	6.22	63	80656	21.090	ug/l	98
25) 2-Butanone	7.18	43	59668	112.999	ug/l	98
26) 2,2-Dichloropropane	7.17	77	53569	22.327	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	49350	21.516	ug/l	99
28) Bromochloromethane	7.51	49	33750	22.261	ug/l	100
29) Tetrahydrofuran	7.54	42	35843	111.859	ug/l	99
30) Chloroform	7.68	83	83047	21.243	ug/l	97
31) Cyclohexane	7.96	56	76740	21.321	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	69705	21.264	ug/l	100
36) 1,1-Dichloropropene	8.09	75	68670	21.576	ug/l	100
37) Ethyl Acetate	7.26	43	27028	21.855	ug/l	99
38) Carbon Tetrachloride	8.07	117	63955	20.766	ug/l	98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	79460	21.158	ug/l	98
40) Benzene	8.32	78	183429	21.039	ug/l	99
41) Methacrylonitrile	7.49	41	14538	20.707	ug/l	98
42) 1,2-Dichloroethane	8.40	62	56800	20.933	ug/l	99
43) Isopropyl Acetate	8.43	43	51860	21.484	ug/l	99
44) Trichloroethene	9.10	130	47630	20.655	ug/l	97
45) 1,2-Dichloropropane	9.37	63	44575	20.801	ug/l	100
46) Dibromomethane	9.46	93	23125	20.960	ug/l	99
47) Bromodichloromethane	9.65	83	59418	20.822	ug/l	100
48) Methyl methacrylate	9.44	41	23740	21.459	ug/l	99
49) 1,4-Dioxane	9.45	88	6522	478.151	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	129228	109.706	ug/l	98
52) Toluene	10.39	92	118611	21.141	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	56262	20.548	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	68444	20.897	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	32336	21.137	ug/l	99
56) Ethyl methacrylate	10.65	69	39048	20.761	ug/l	97
57) 1,3-Dichloropropane	10.93	76	57779	21.335	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	97507	106.101	ug/l	98
59) 2-Hexanone	10.97	43	87185	110.907	ug/l	98
60) Dibromochloromethane	11.13	129	36138	20.453	ug/l	100
61) 1,2-Dibromoethane	11.24	107	30347	20.731	ug/l	97
64) Tetrachloroethene	10.87	164	40828	21.588	ug/l	92
65) Chlorobenzene	11.66	112	123673	21.161	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	43591	21.077	ug/l	100
67) Ethyl Benzene	11.73	91	228944	21.154	ug/l	98
68) m/p-Xylenes	11.84	106	173039	42.562	ug/l	99
69) o-Xylene	12.17	106	78032	21.027	ug/l	100
70) Styrene	12.18	104	135374	21.200	ug/l	100
71) Bromoform	12.35	173	19137	20.272	ug/l #	99
73) Isopropylbenzene	12.47	105	222364	20.605	ug/l	99
74) N-amyl acetate	12.27	43	47684	20.653	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	37154	20.720	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	47945	35.613	ug/l	30
77) Bromobenzene	12.75	156	48480	20.035	ug/l	99
78) n-propylbenzene	12.80	91	274755	20.976	ug/l	99
79) 2-Chlorotoluene	12.90	91	153015	20.484	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	193683	21.058	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	10457	20.021	ug/l	95
82) 4-Chlorotoluene	12.99	91	163649	20.979	ug/l	99
83) tert-Butylbenzene	13.21	119	159332	20.866	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	194310	21.154	ug/l	100
85) sec-Butylbenzene	13.38	105	233556	21.179	ug/l	100
86) p-Isopropyltoluene	13.50	119	213900	21.241	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	98862	20.382	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	100323	21.127	ug/l	99
89) n-Butylbenzene	13.82	91	204554	21.226	ug/l	99
90) Hexachloroethane	14.10	117	37694	20.652	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	89076	21.197	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6044	21.096	ug/l	96

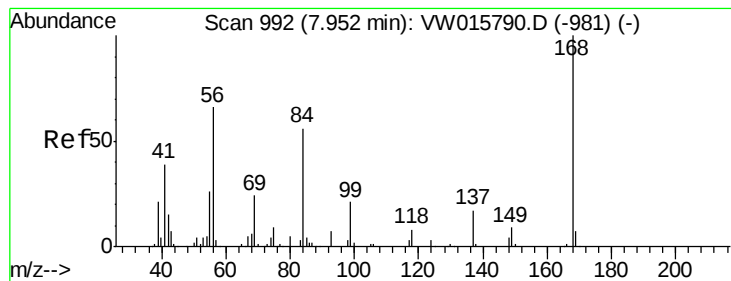
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070820\
Data File : VW015805.D
Acq On : 08 Jul 2020 12:57
Operator : SY/VA
Sample : VW0708SBSD01
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Quant Title : SW846 8260
QLast Update : Wed Jul 08 08:28:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	54943	20.738	ug/l	99
94) Hexachlorobutadiene	15.24	225	33406	19.859	ug/l	99
95) Naphthalene	15.37	128	89174	19.818	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	46805	20.762	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

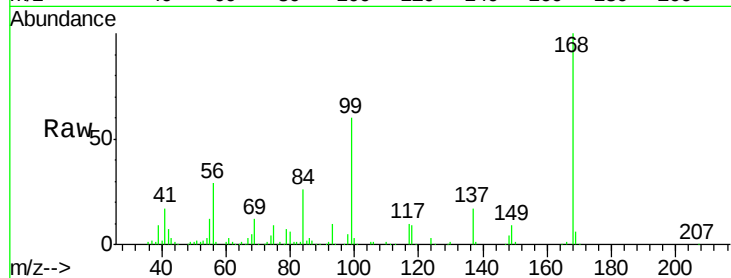
VW0708SBSD01

Tot Ion:168 Resp: 201898

Ion Ratio Lower Upper

168 100

99 60.4 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

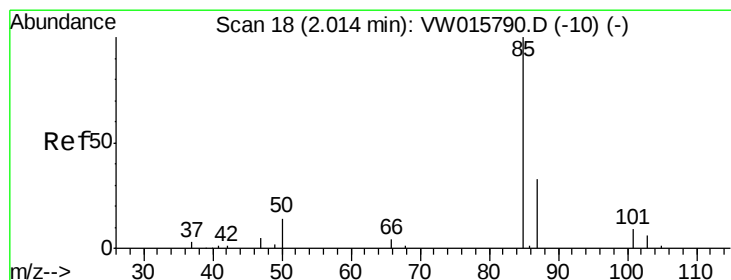
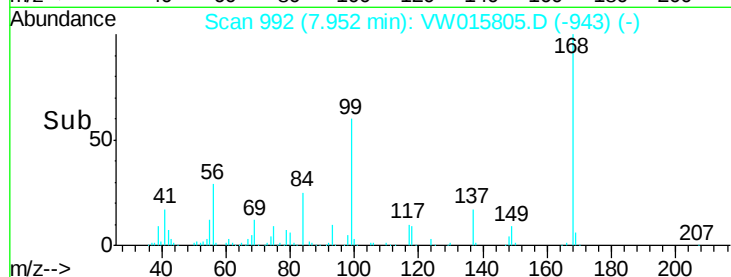
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 24.361 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015805.D

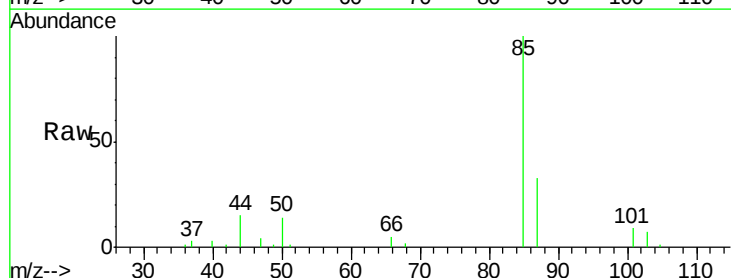
Acq: 08 Jul 2020 12:57

Tgt Ion: 85 Resp: 25903

Ion Ratio Lower Upper

85 100

87 32.8 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

8000

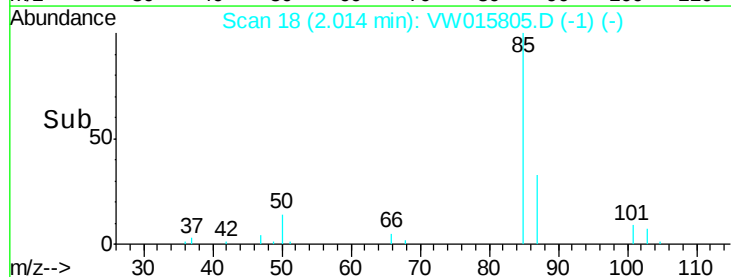
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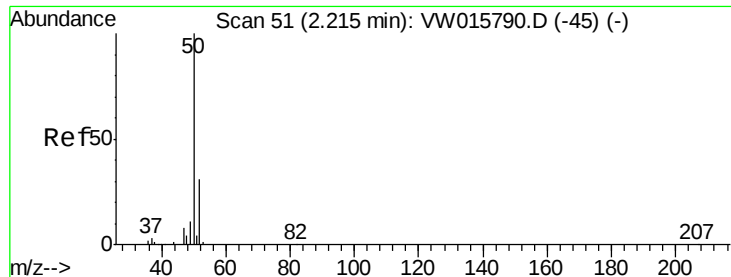
4000

2000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 20.832 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

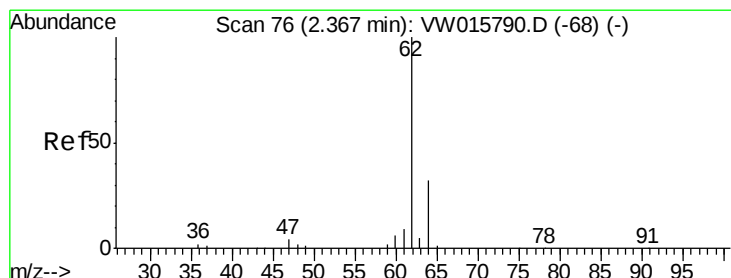
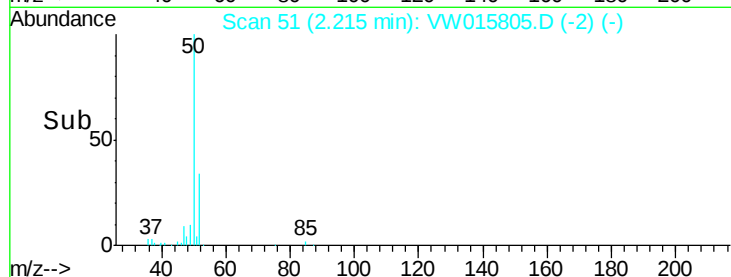
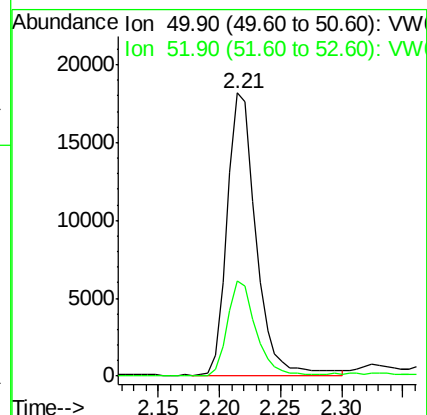
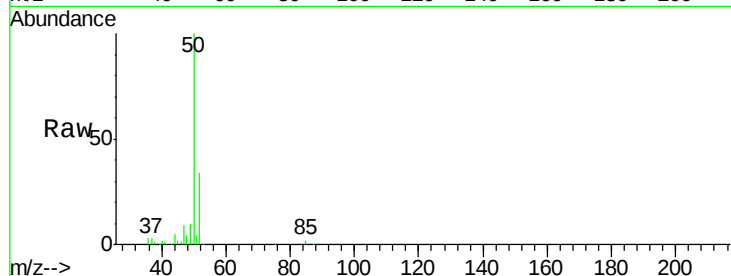
VW0708SBSD01

Tot Ion: 50 Resp: 30082

Ion Ratio Lower Upper

50 100

52 33.6 25.2 37.8



#4

Vinyl Chloride

Concen: 22.661 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW015805.D

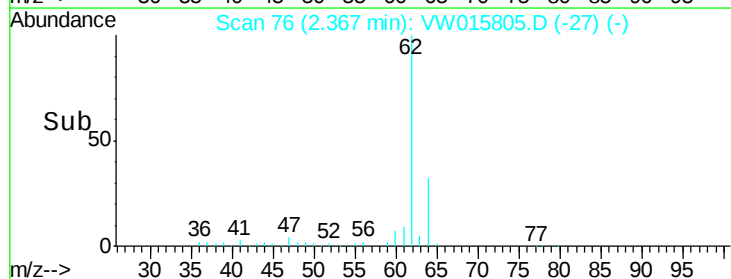
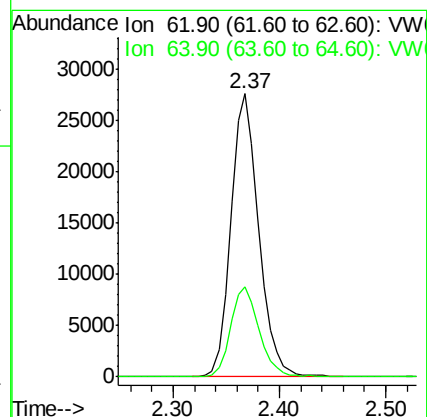
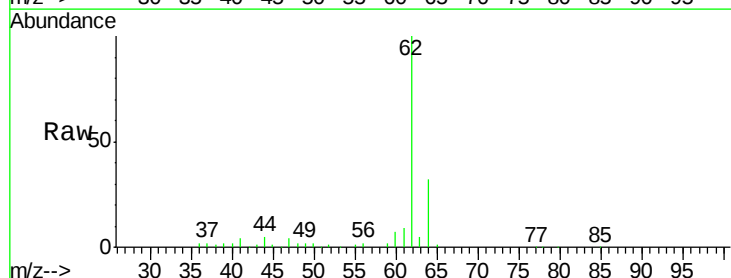
Acq: 08 Jul 2020 12:57

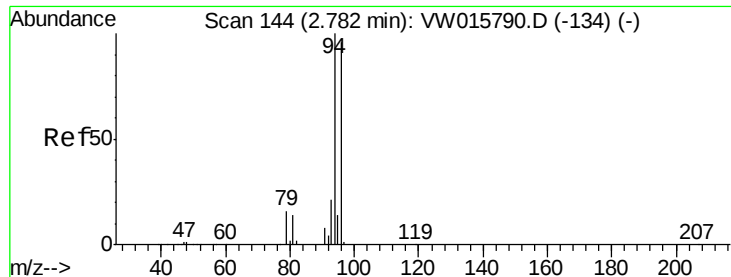
Tgt Ion: 62 Resp: 50524

Ion Ratio Lower Upper

62 100

64 31.9 25.8 38.8





#5

Bromomethane

Concen: 21.066 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

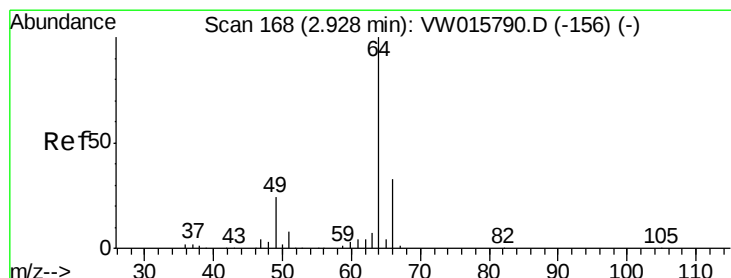
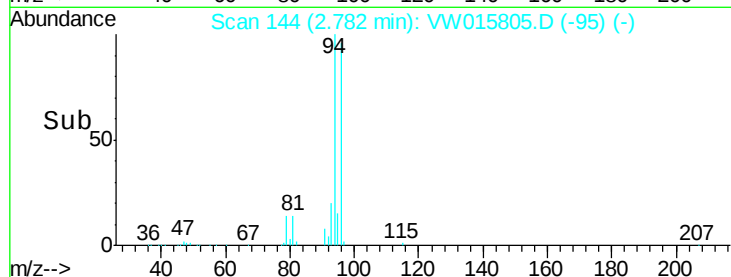
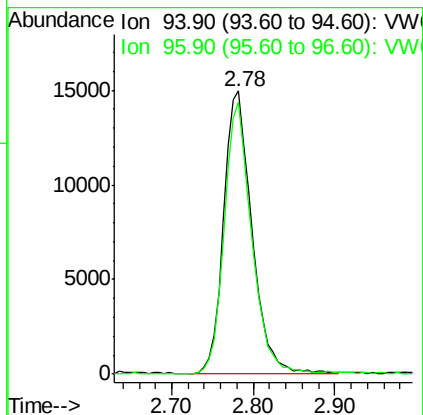
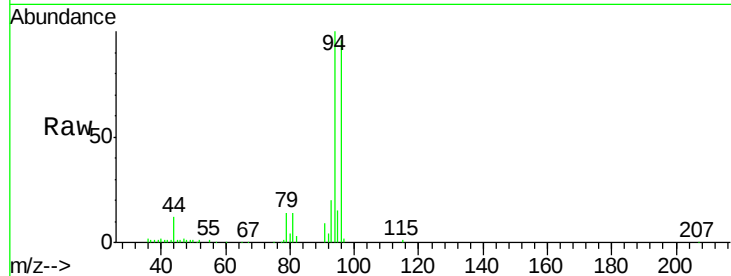
VW0708SBSD01

Tot Ion: 94 Resp: 35940

Ion Ratio Lower Upper

94 100

96 95.9 76.7 115.1



#6

Chloroethane

Concen: 21.863 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW015805.D

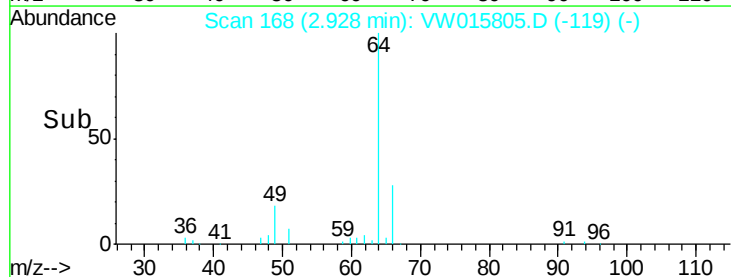
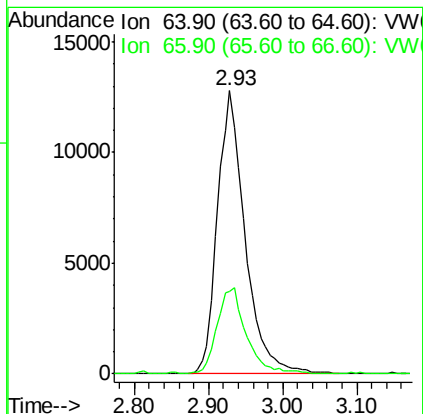
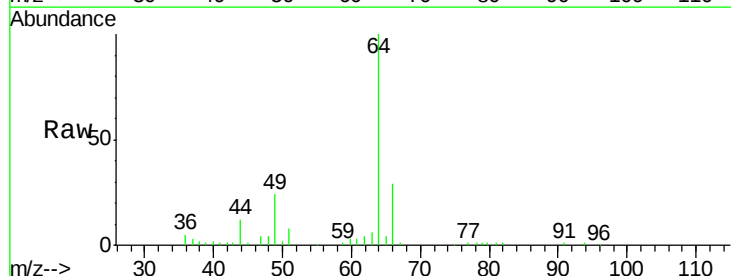
Acq: 08 Jul 2020 12:57

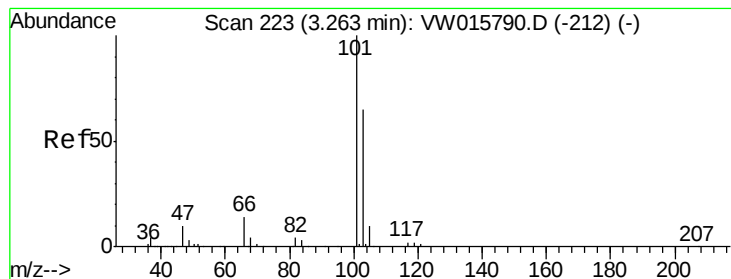
Tgt Ion: 64 Resp: 32897

Ion Ratio Lower Upper

64 100

66 29.2 26.0 39.0



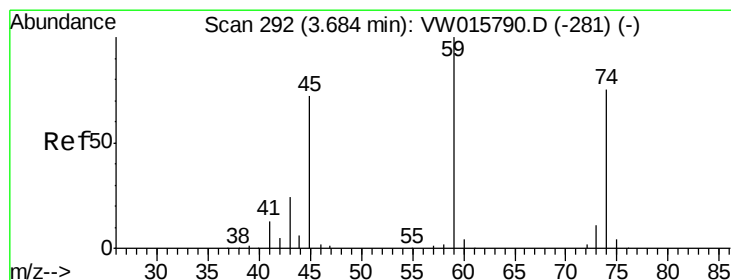
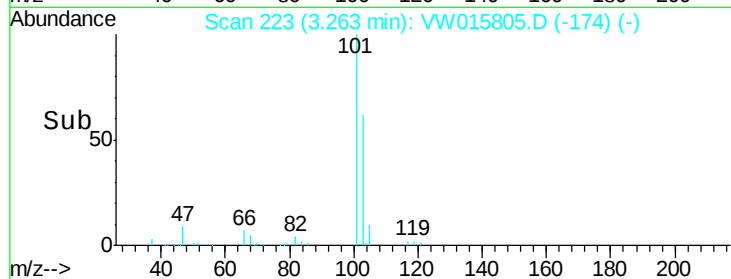
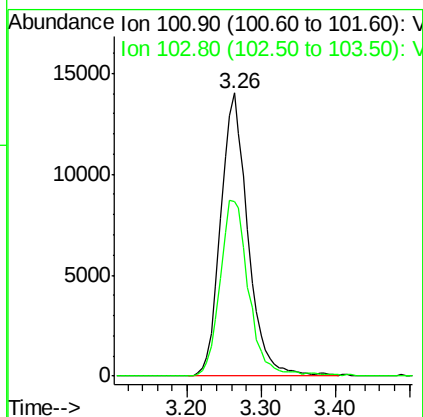
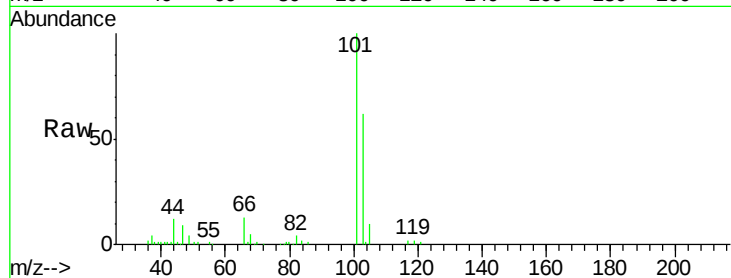


#7

Trichlorofluoromethane
 Concen: 22.339 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW015805.D
 Acq: 08 Jul 2020 12:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBSD01

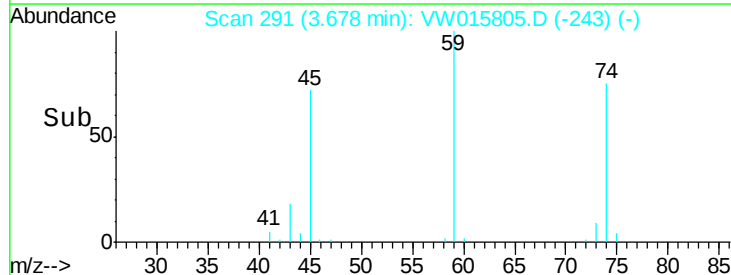
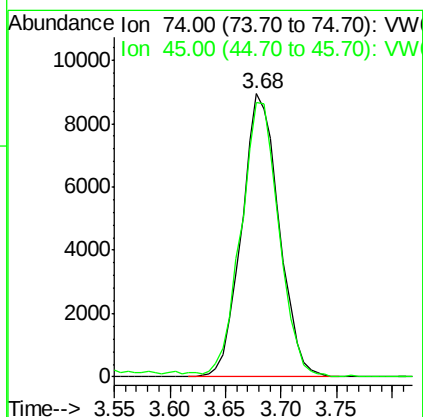
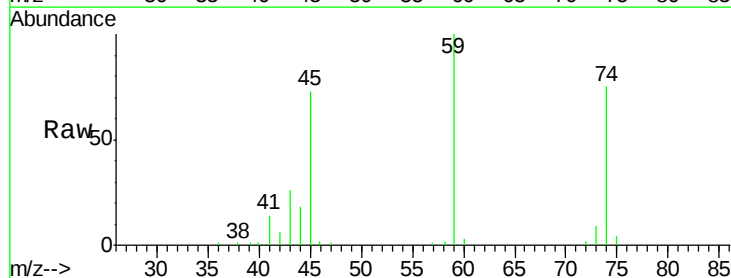
Tot Ion:101 Resp: 35795
 Ion Ratio Lower Upper
 101 100
 103 61.8 52.2 78.4

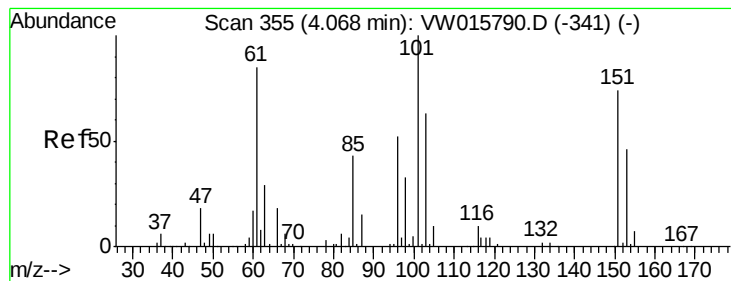


#8

Diethyl Ether
 Concen: 20.884 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW015805.D
 Acq: 08 Jul 2020 12:57

Tgt Ion: 74 Resp: 20851
 Ion Ratio Lower Upper
 74 100
 45 98.7 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.715 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBS01

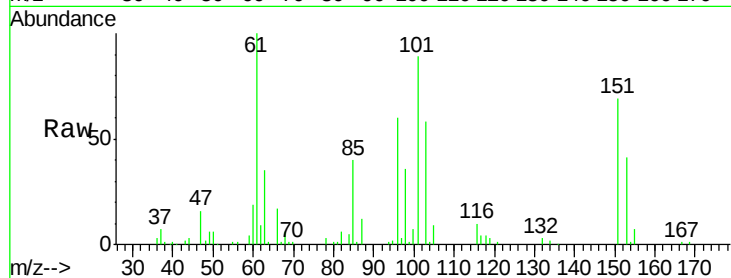
Tot Ion:101 Resp: 42607

Ion Ratio Lower Upper

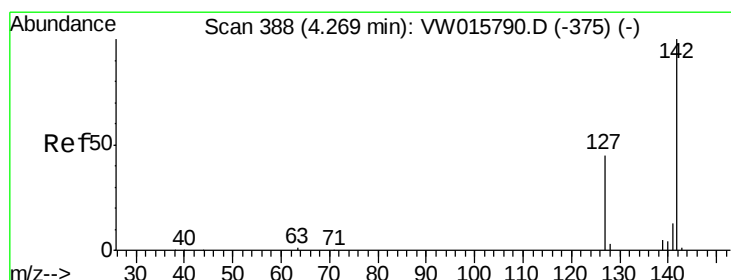
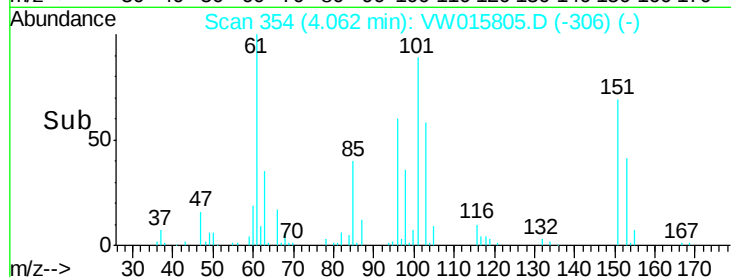
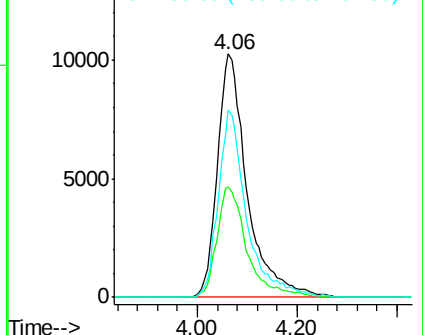
101 100

85 45.6 36.1 54.1

151 73.0 60.3 90.5



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.855 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

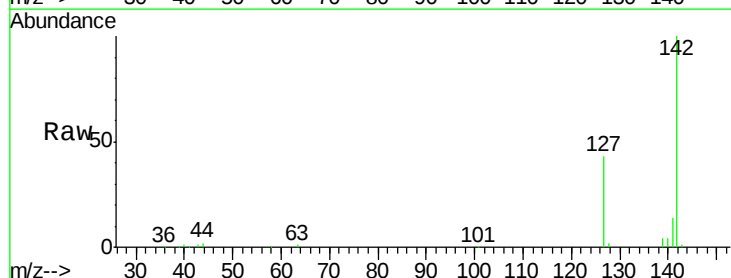
Tgt Ion:142 Resp: 57316

Ion Ratio Lower Upper

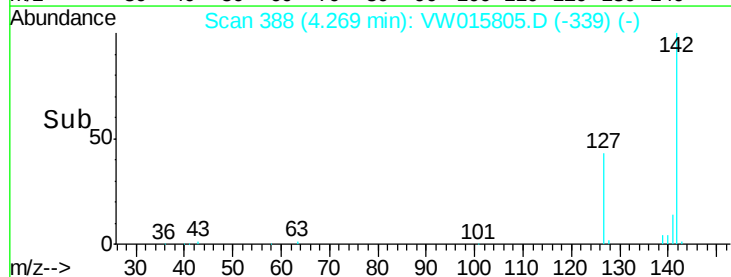
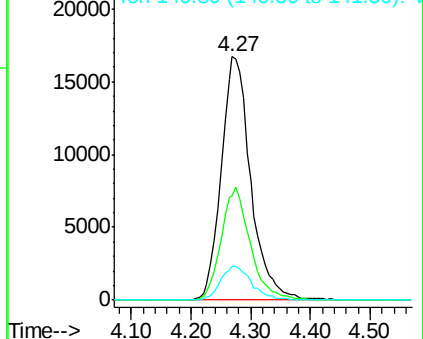
142 100

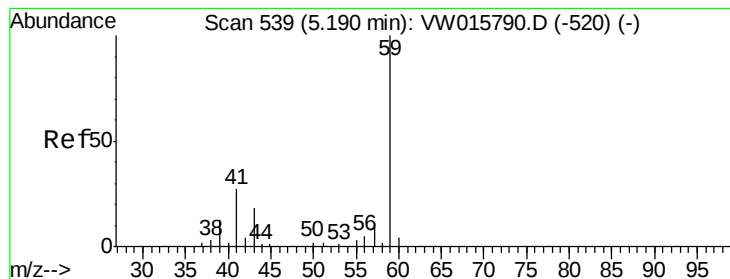
127 45.5 36.1 54.1

141 14.5 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



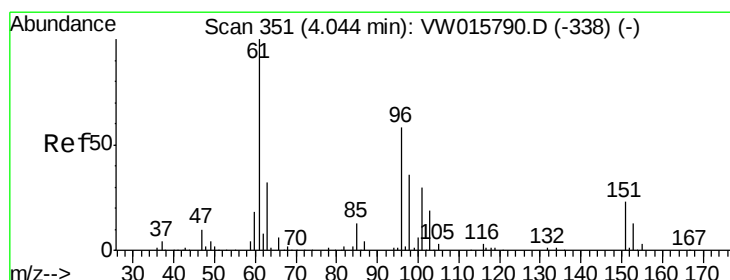
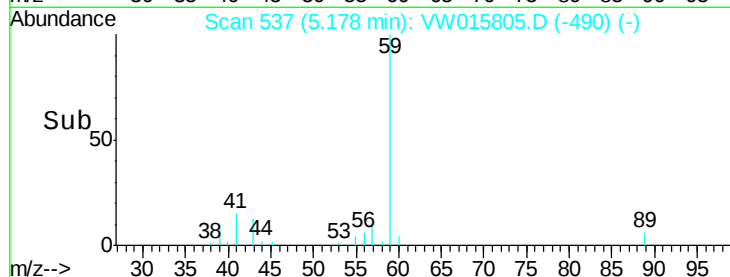
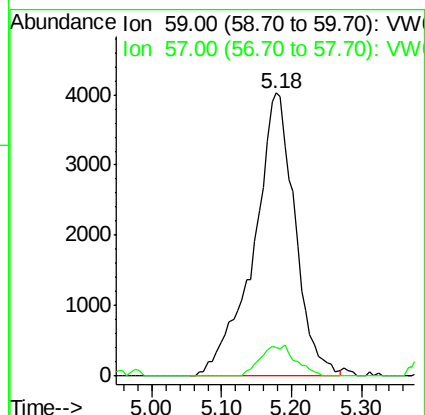
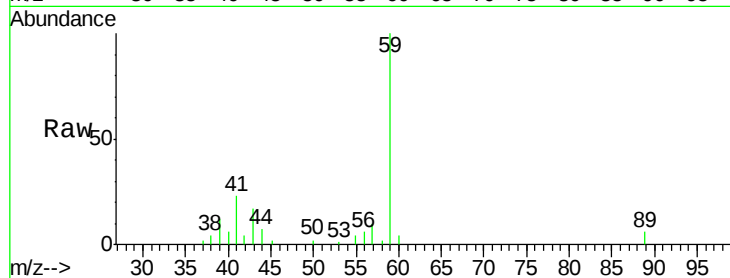


#11

Tert butyl alcohol
Concen: 149.876 ug/l
RT: 5.18 min Scan# 537
Delta R.T. -0.01 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

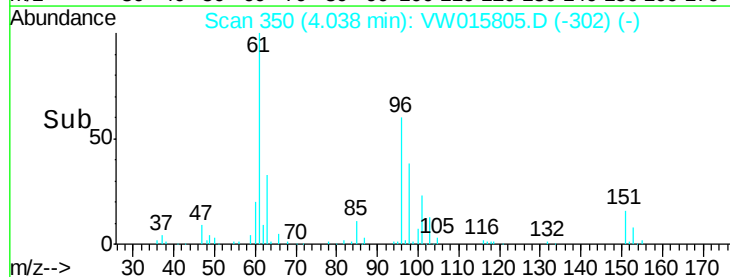
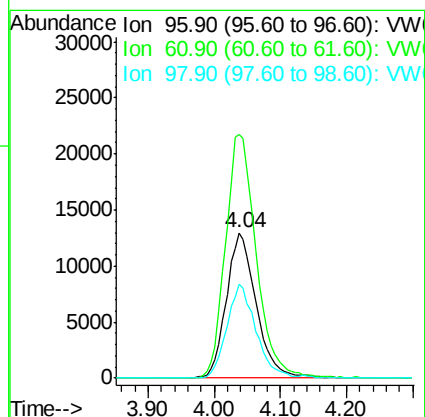
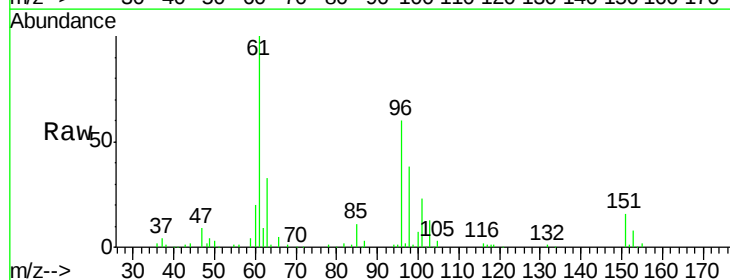
Tot Ion: 59 Resp: 16525
Ion Ratio Lower Upper
59 100
57 9.2 8.7 13.1

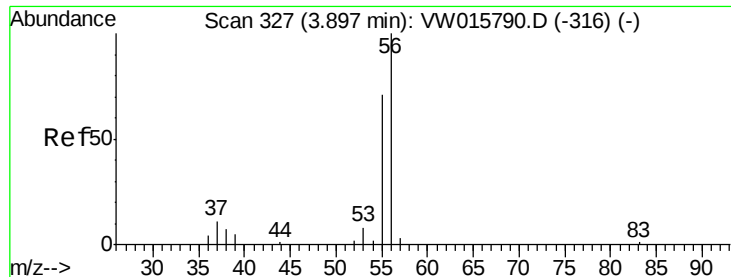


#12

1,1-Dichloroethene
Concen: 22.027 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Tgt Ion: 96 Resp: 40622
Ion Ratio Lower Upper
96 100
61 167.6 137.0 205.4
98 64.2 49.3 73.9

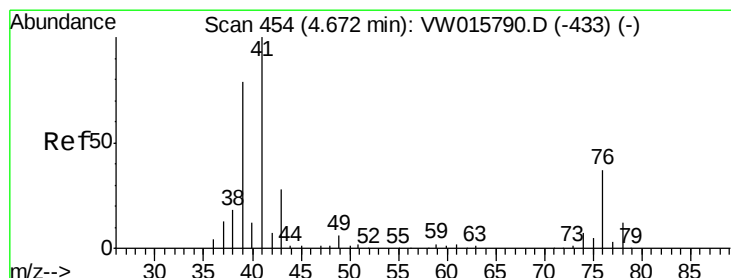
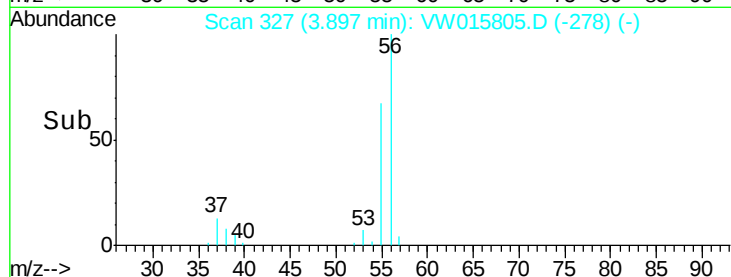
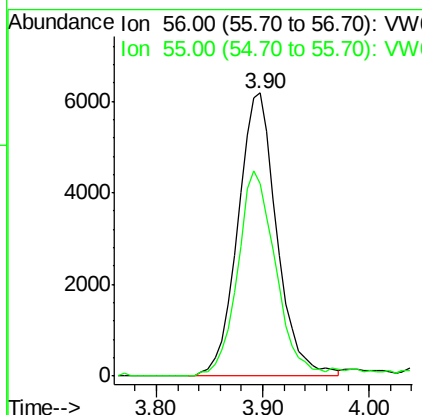
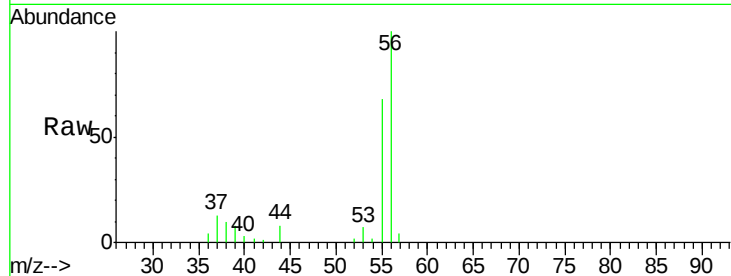




#13
Acrolein
Concen: 110.133 ug/l
RT: 3.90 min Scan# 327
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

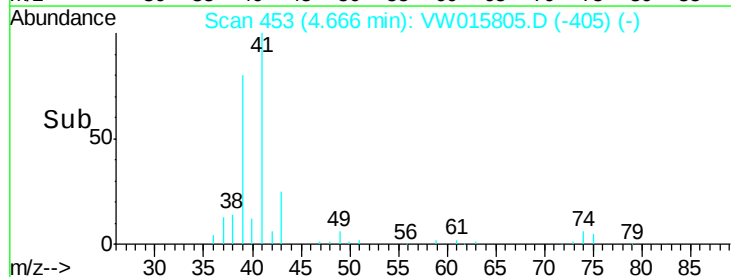
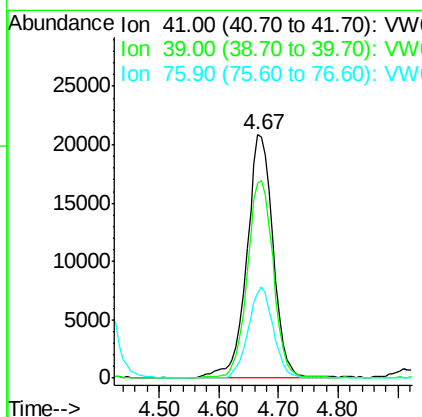
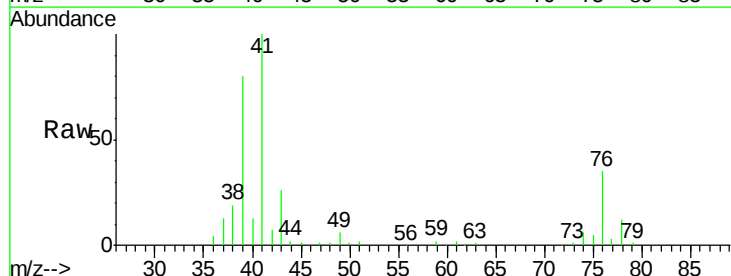
Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

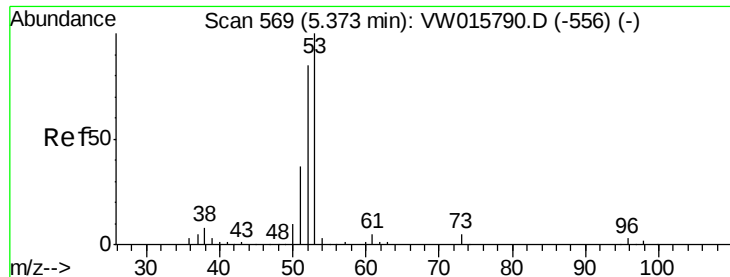
Tot Ion: 56 Resp: 15884
Ion Ratio Lower Upper
56 100
55 70.4 55.8 83.6



#14
Allyl chloride
Concen: 21.325 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Tgt Ion: 41 Resp: 63920
Ion Ratio Lower Upper
41 100
39 80.9 64.0 96.0
76 35.4 28.9 43.3





#15

Acrylonitrile

Concen: 110.094 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBSD01

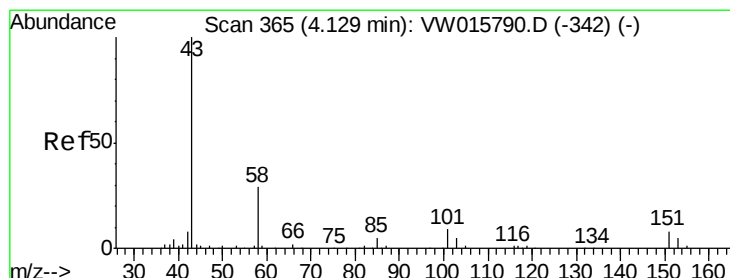
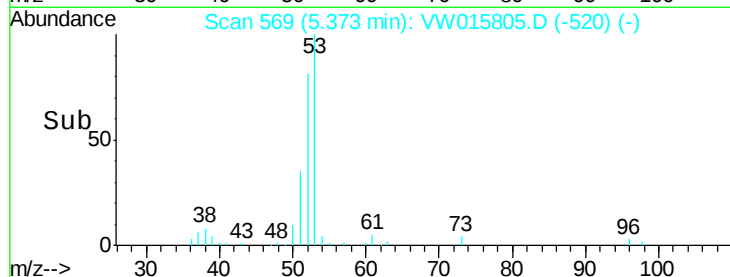
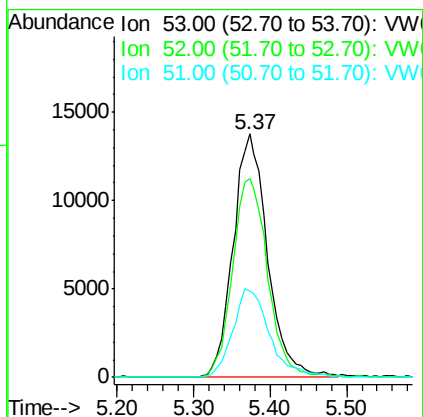
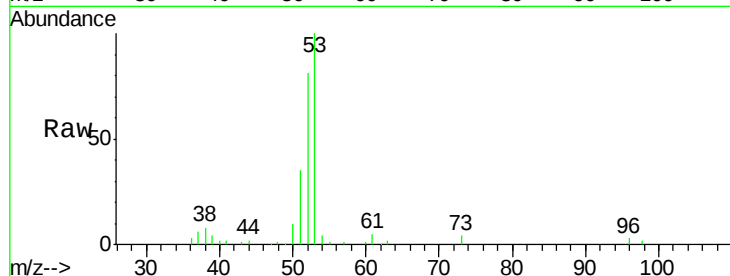
Tot Ion: 53 Resp: 42976

Ion Ratio Lower Upper

53 100

52 83.3 65.8 98.8

51 38.7 30.2 45.2



#16

Acetone

Concen: 118.403 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW015805.D

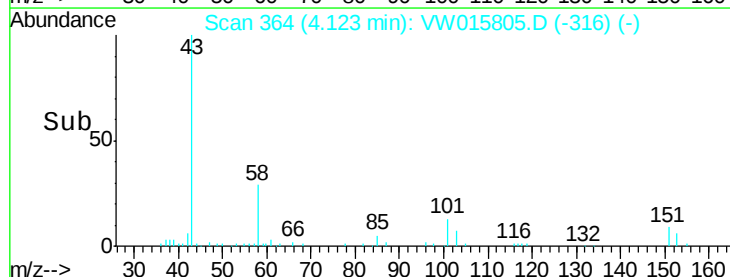
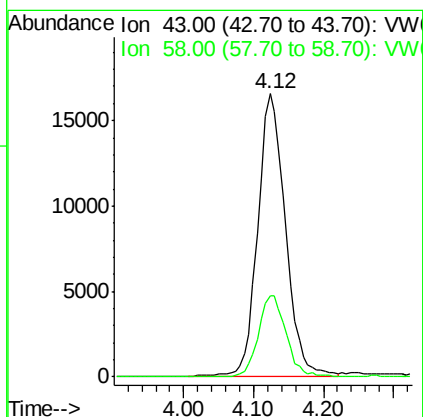
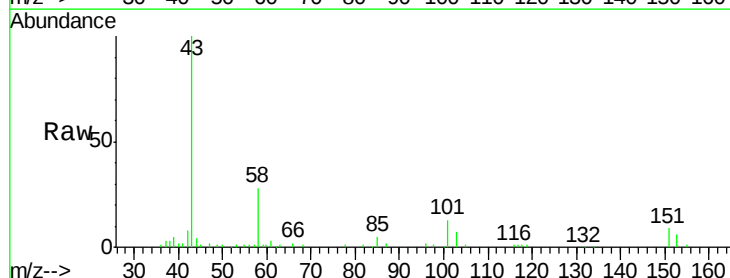
Acq: 08 Jul 2020 12:57

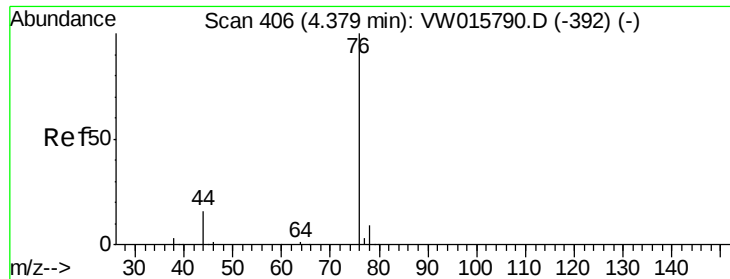
Tgt Ion: 43 Resp: 46060

Ion Ratio Lower Upper

43 100

58 28.5 23.5 35.3

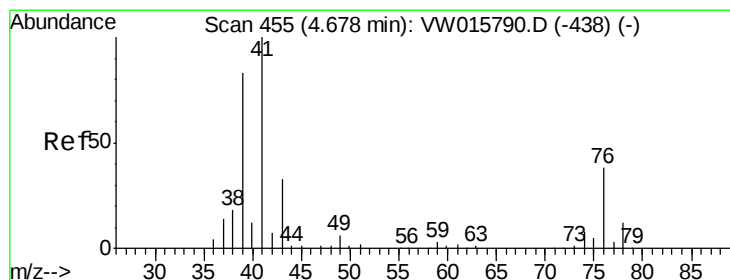
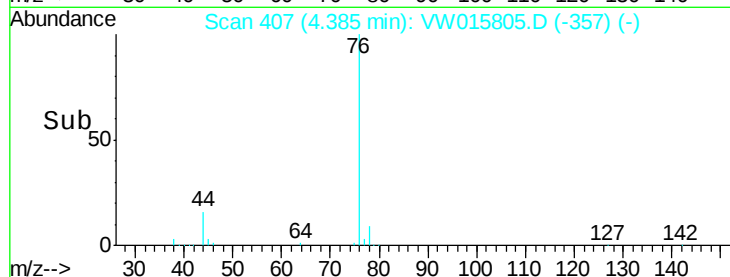
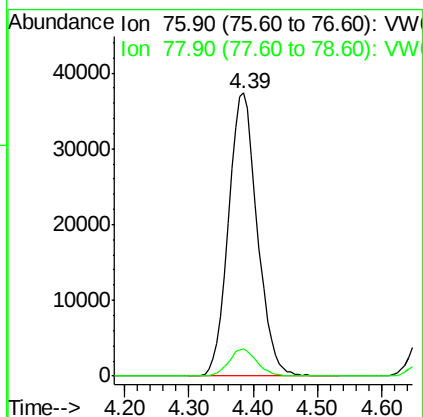
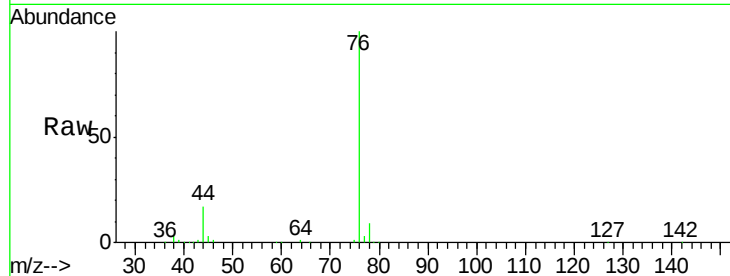




#17
Carbon Disulfide
Concen: 21.287 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.01 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

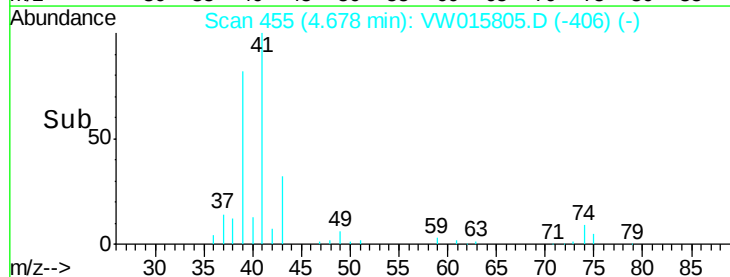
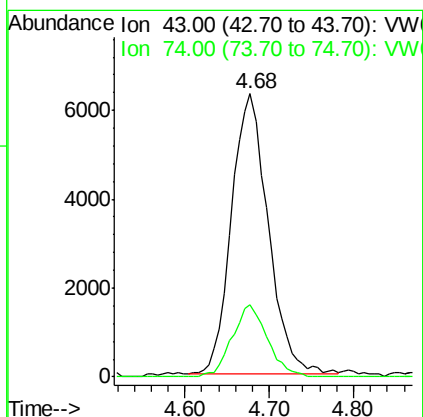
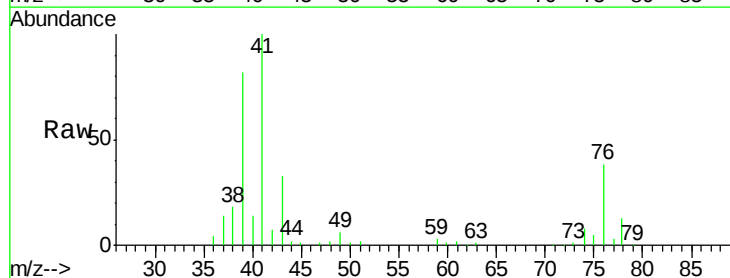
Instrument :
MSVOA_W
ClientSampleId :
VW0708SBSD01

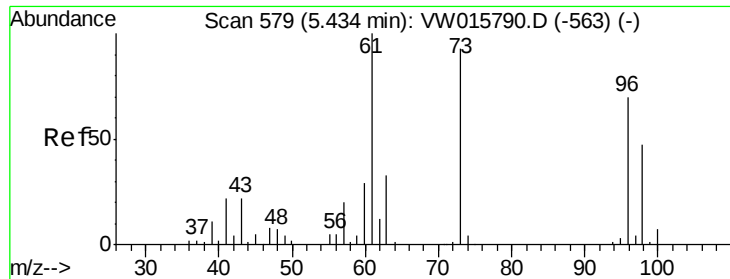
Tot Ion: 76 Resp: 116782
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 21.104 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Tgt Ion: 43 Resp: 18683
Ion Ratio Lower Upper
43 100
74 24.6 19.2 28.8

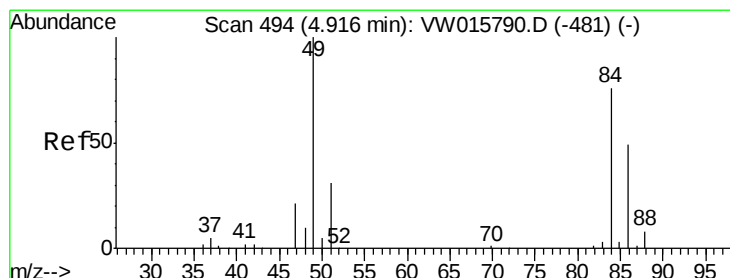
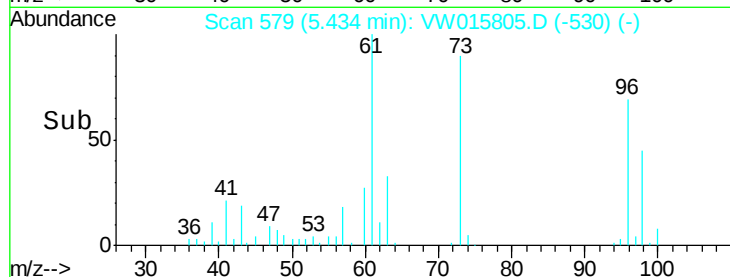
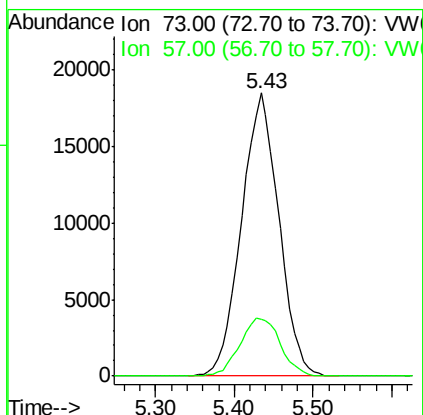
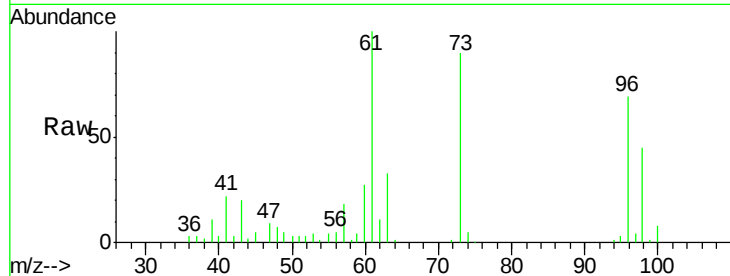




#19
Methvl tert-butvl Ether
Concen: 22.114 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

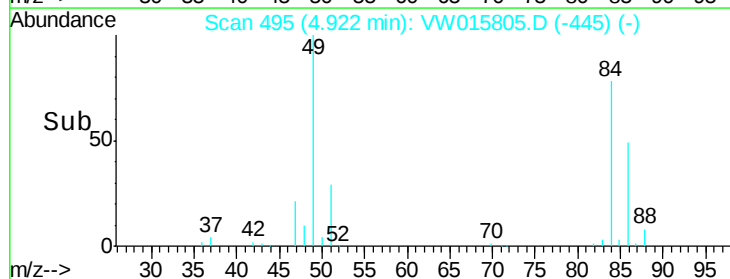
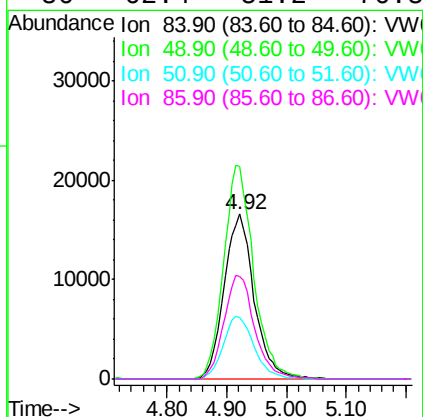
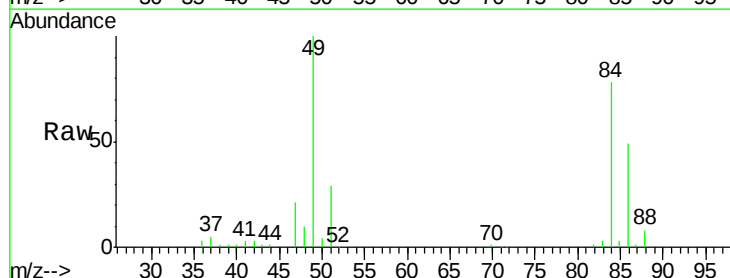
Instrument :
MSVOA_W
ClientSampleId :
VW0708SBSD01

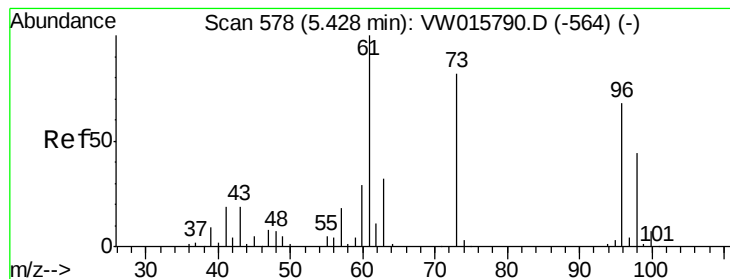
Tot Ion: 73 Resp: 61039
Ion Ratio Lower Upper
73 100
57 20.2 16.8 25.2



#20
Methylene Chloride
Concen: 26.979 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Tgt Ion: 84 Resp: 58106
Ion Ratio Lower Upper
84 100
49 128.5 105.0 157.6
51 37.5 32.3 48.5
86 62.4 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 21.220 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBS01

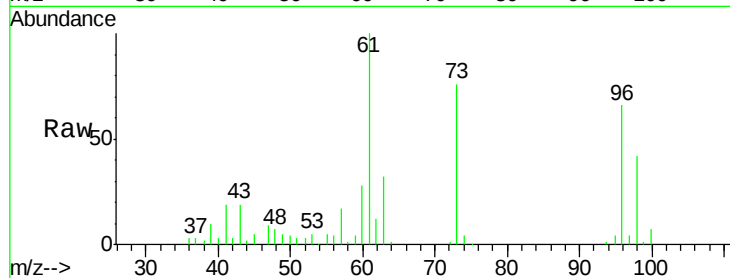
Tot Ion: 96 Resp: 45327

Ion Ratio Lower Upper

96 100

61 150.4 118.1 177.1

98 63.1 52.6 78.8

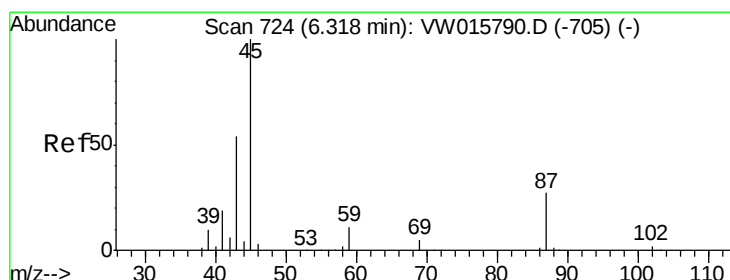
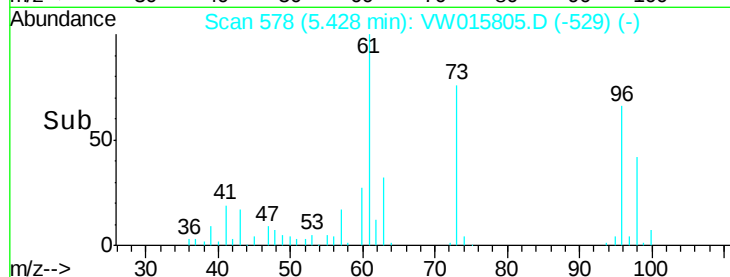
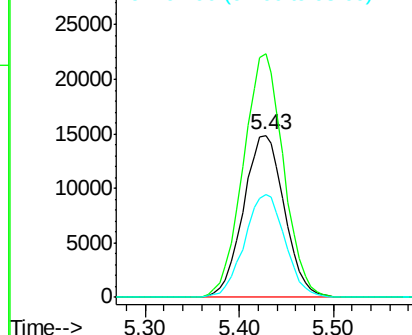


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 21.378 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Tgt Ion: 45 Resp: 129134

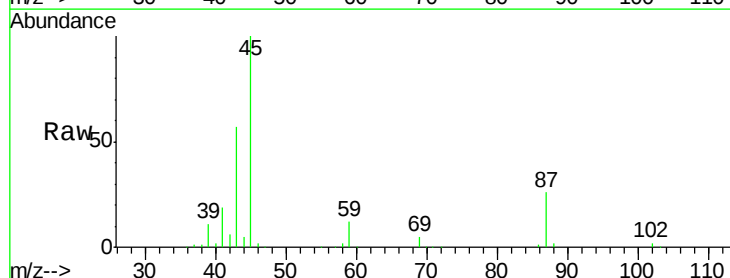
Ion Ratio Lower Upper

45 100

43 56.3 43.8 65.6

87 26.0 22.1 33.1

59 11.8 8.9 13.3



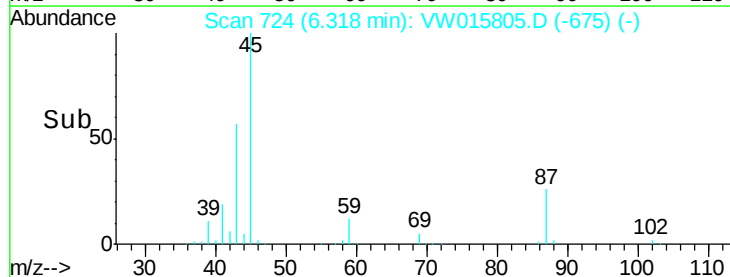
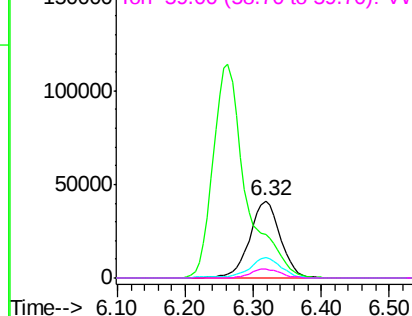
Abundance

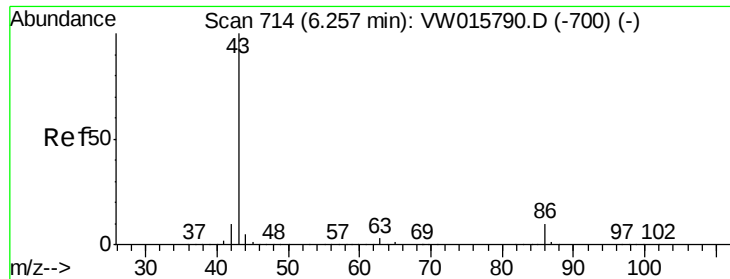
Ion 45.00 (44.70 to 45.70): VW

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: 106.843 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.01 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Instrument :

MSVOA_W

ClientSampleID :

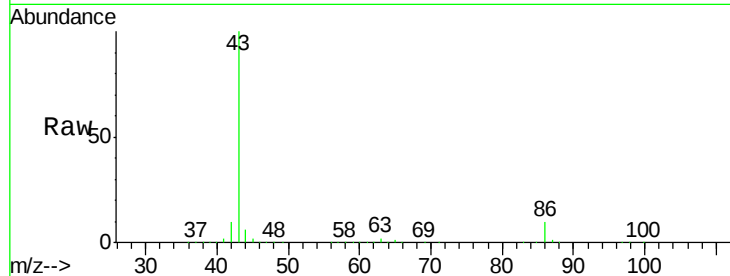
VW0708SBS01

Tot Ion: 43 Resp: 383866

Ion Ratio Lower Upper

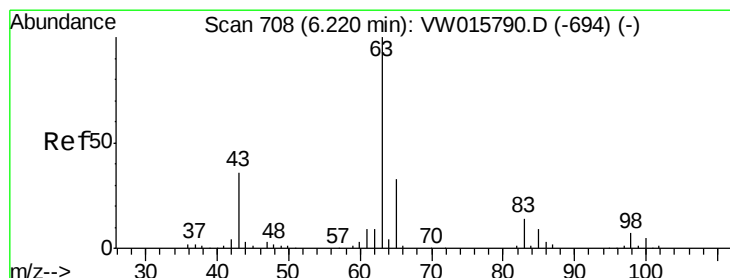
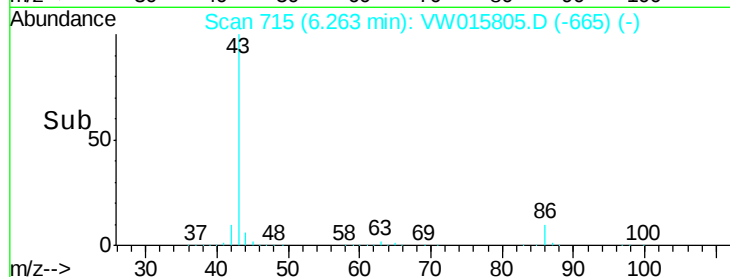
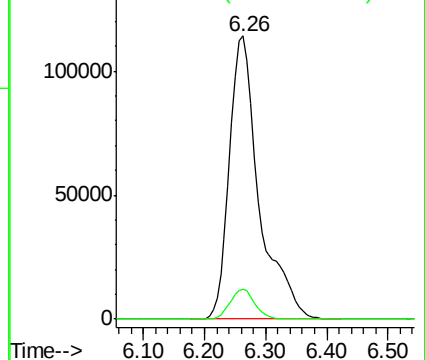
43 100

86 10.5 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 21.090 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

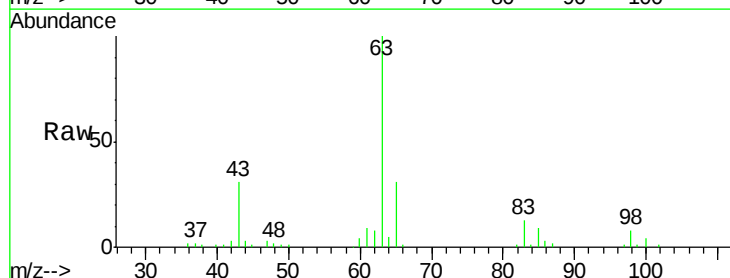
Tgt Ion: 63 Resp: 80656

Ion Ratio Lower Upper

63 100

98 7.6 3.4 10.2

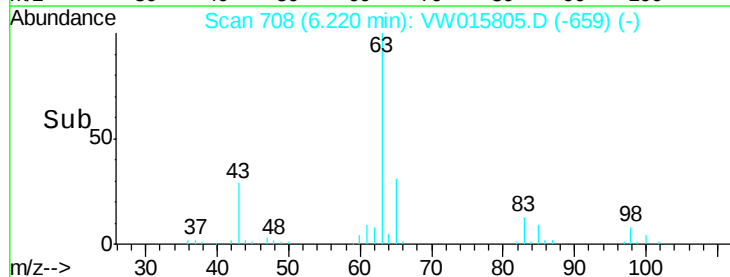
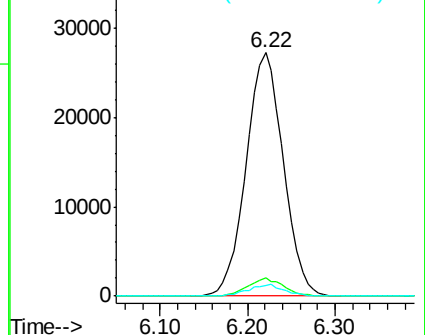
100 4.4 2.4 7.1

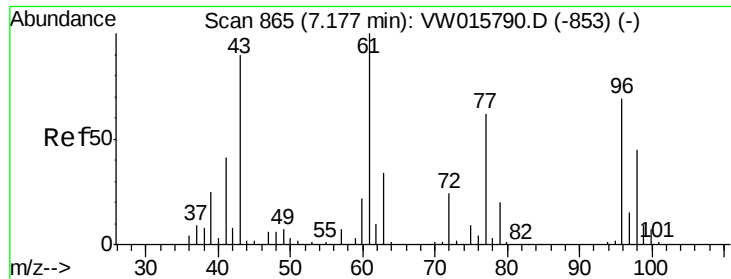


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 112.999 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

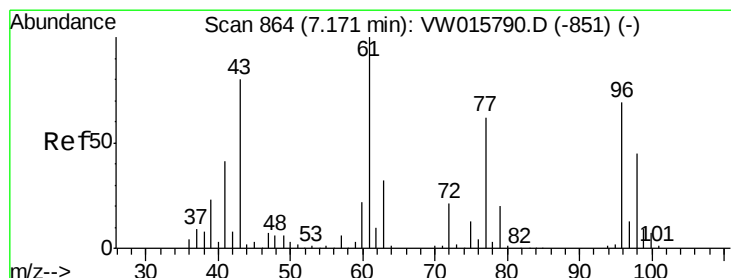
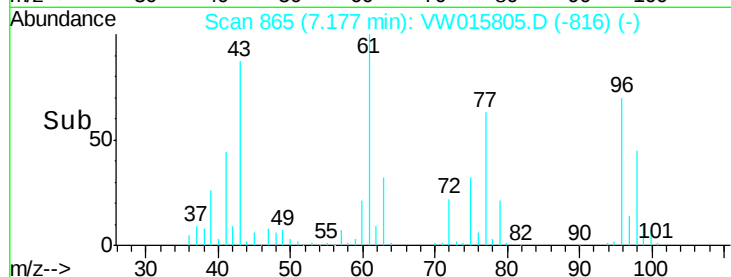
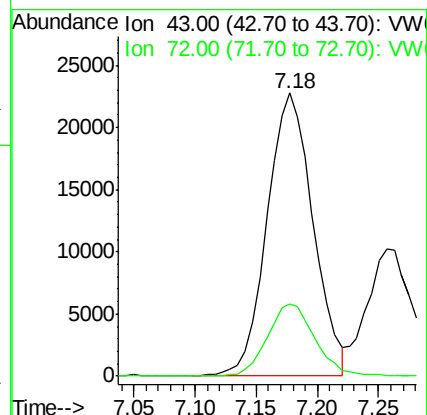
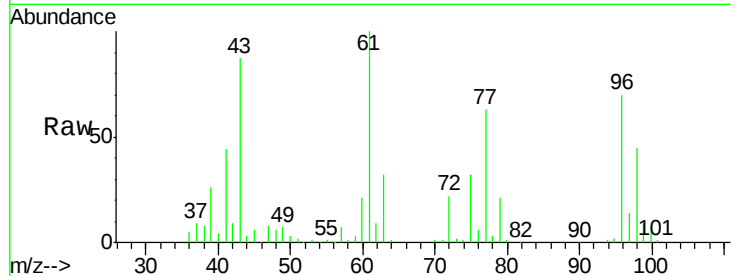
VW0708SBSD01

Tot Ion: 43 Resp: 59668

Ion Ratio Lower Upper

43 100

72 25.5 21.3 31.9



#26

2,2-Dichloropropane

Concen: 22.327 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015805.D

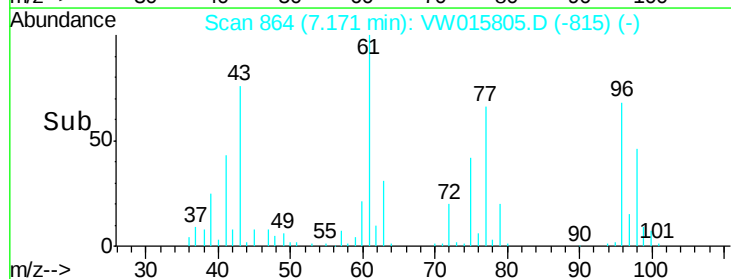
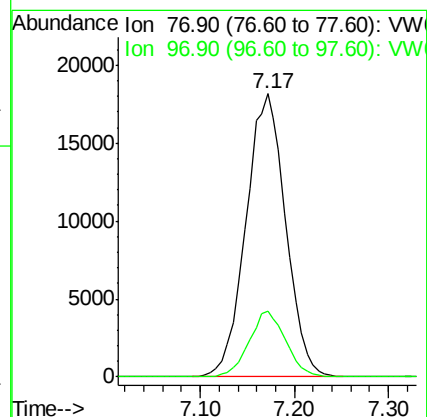
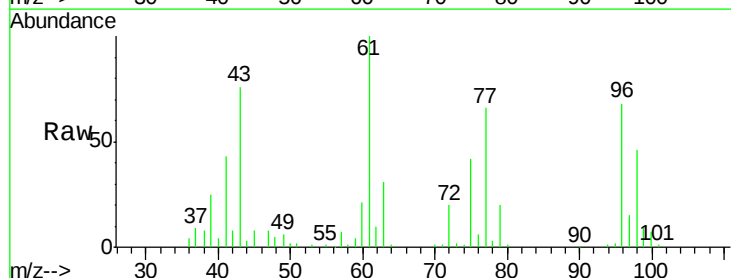
Acq: 08 Jul 2020 12:57

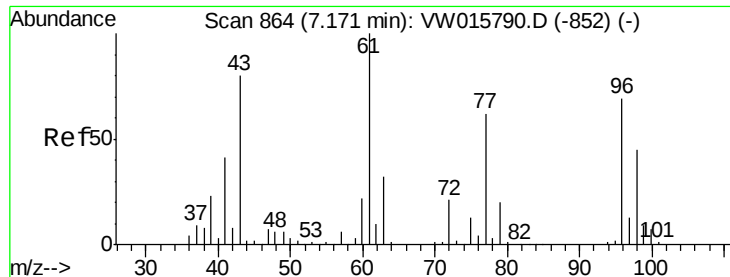
Tgt Ion: 77 Resp: 53569

Ion Ratio Lower Upper

77 100

97 21.5 11.0 33.0



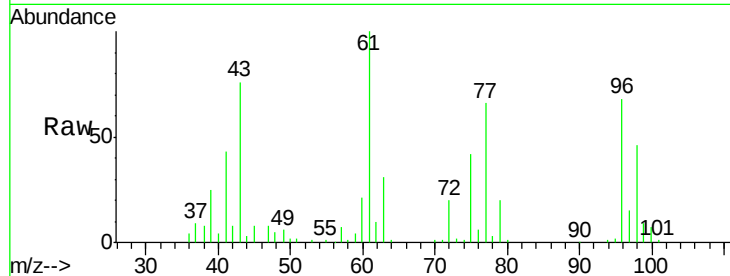


#27

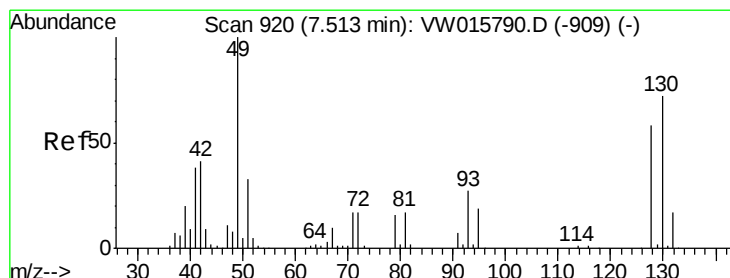
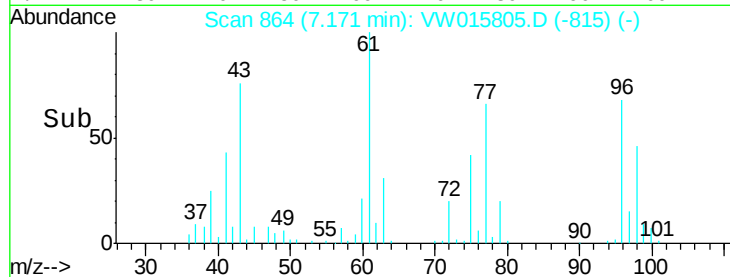
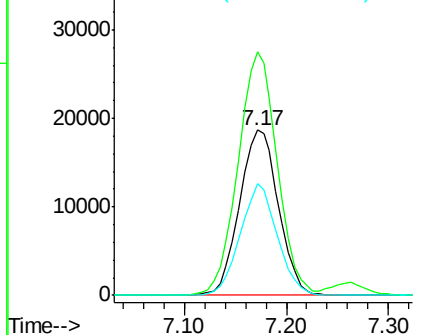
cis-1,2-Dichloroethene
 Concen: 21.516 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW015805.D
 Acq: 08 Jul 2020 12:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

Tot Ion: 96 Resp: 49350
 Ion Ratio Lower Upper
 96 100
 61 148.6 0.0 292.2
 98 64.3 0.0 129.0



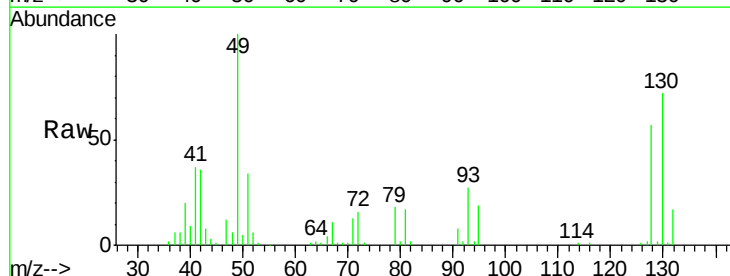
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



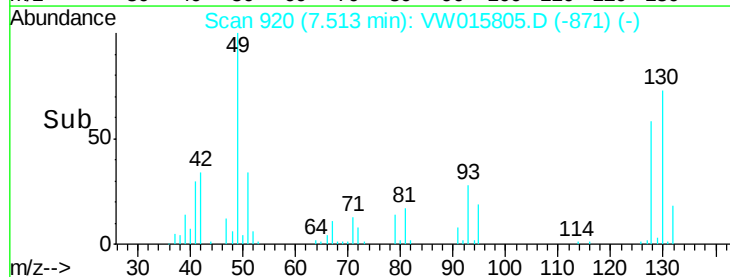
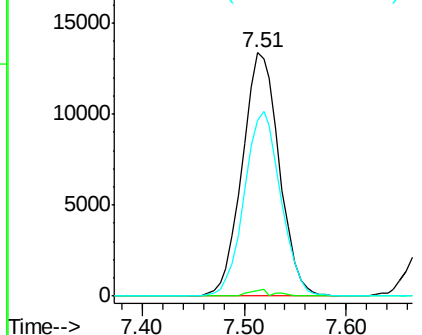
#28

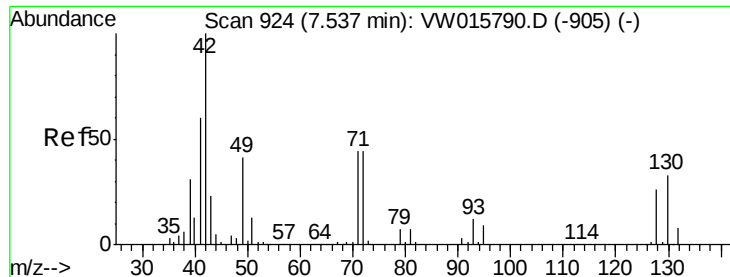
Bromochloromethane
 Concen: 22.261 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW015805.D
 Acq: 08 Jul 2020 12:57

Tgt Ion: 49 Resp: 33750
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 2.6
 130 74.4 59.5 89.3



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





#29

Tetrahydrofuran

Concen: 111.859 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Instrument :

MSVOA_W

ClientSampled :

VW0708SBS01

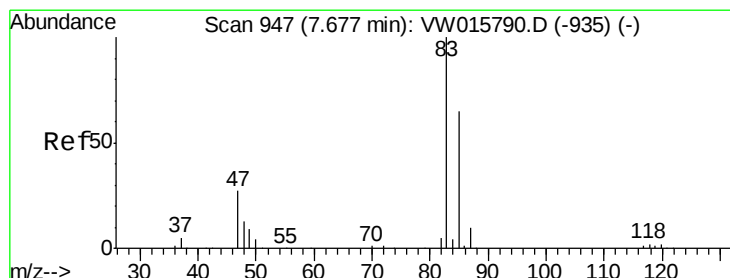
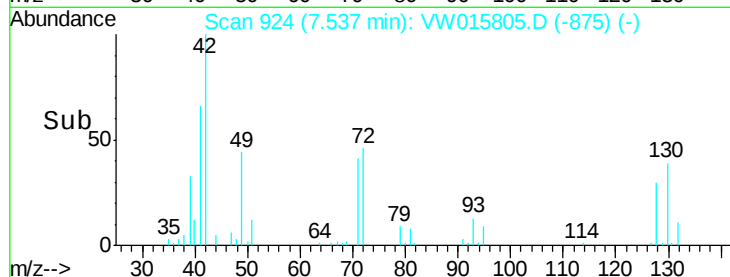
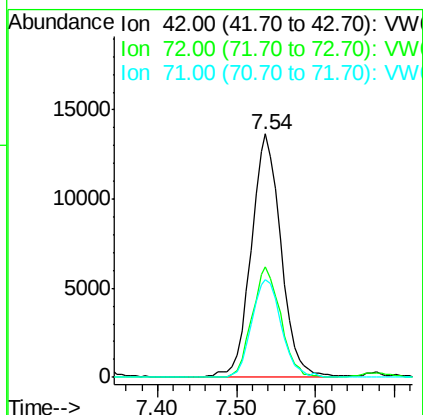
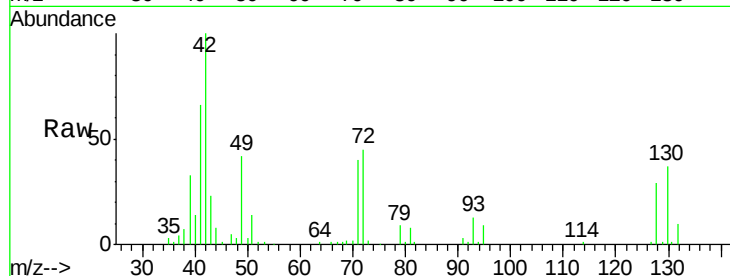
Tot Ion: 42 Resp: 35843

Ion Ratio Lower Upper

42 100

72 43.2 34.6 51.8

71 39.9 32.8 49.2



#30

Chloroform

Concen: 21.243 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.00 min

Lab File: VW015805.D

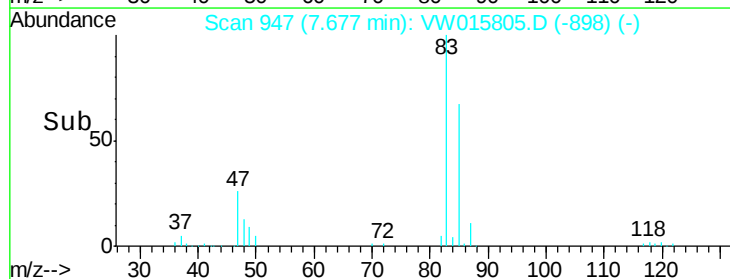
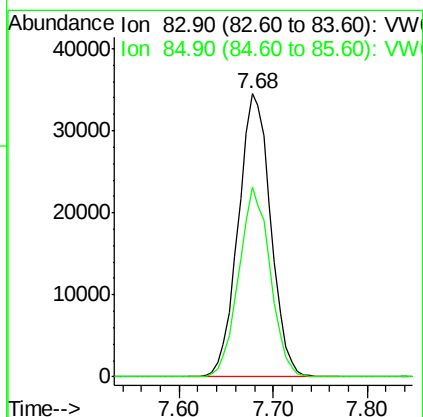
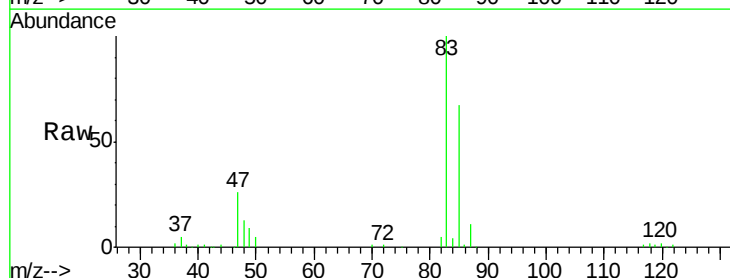
Acq: 08 Jul 2020 12:57

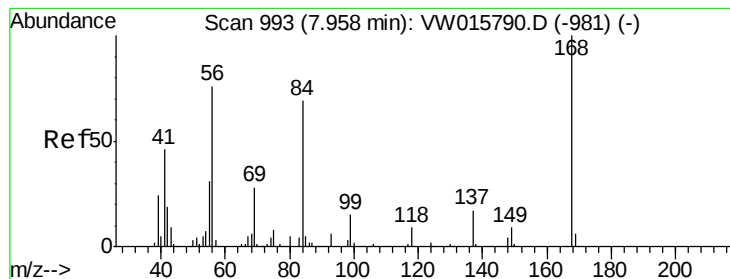
Tgt Ion: 83 Resp: 83047

Ion Ratio Lower Upper

83 100

85 66.9 51.6 77.4





#31

Cyclohexane

Concen: 21.321 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Instrument :

MSVOA_W

ClientSampleID :

VW0708SBS01

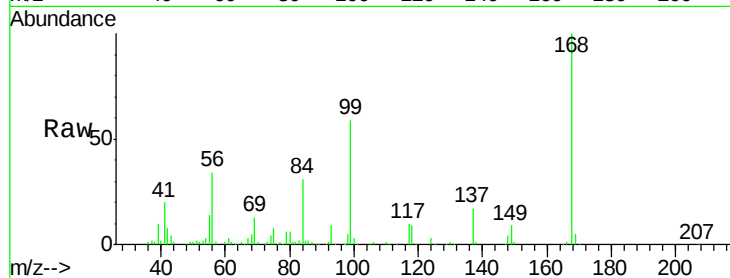
Tot Ion: 56 Resp: 76740

Ion Ratio Lower Upper

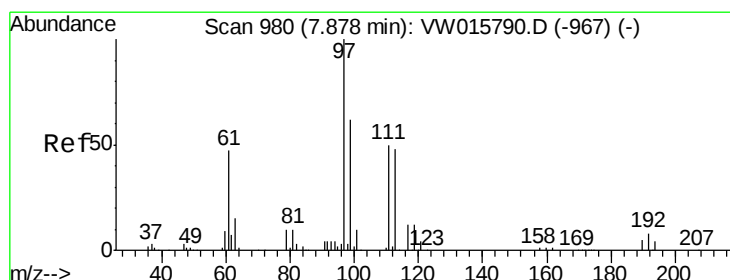
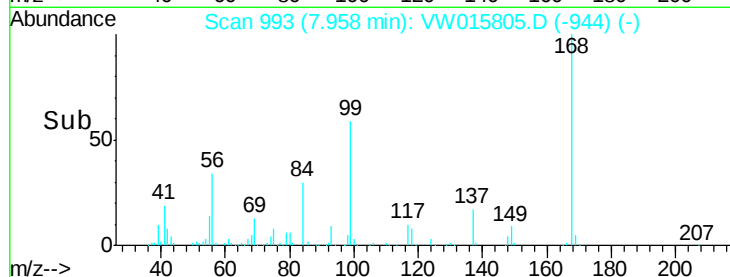
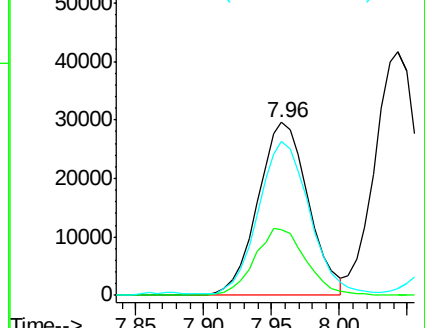
56 100

69 38.3 28.9 43.3

84 87.7 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: 21.264 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

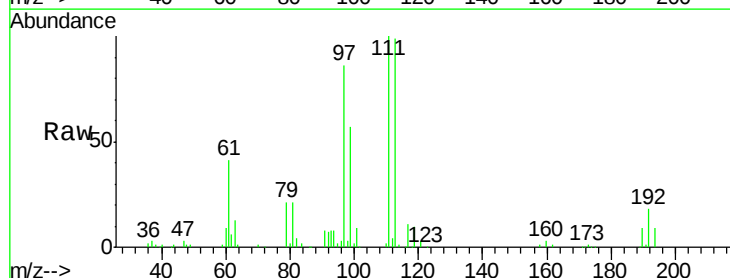
Tgt Ion: 97 Resp: 69705

Ion Ratio Lower Upper

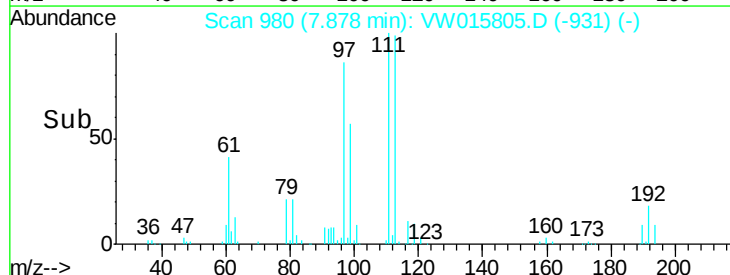
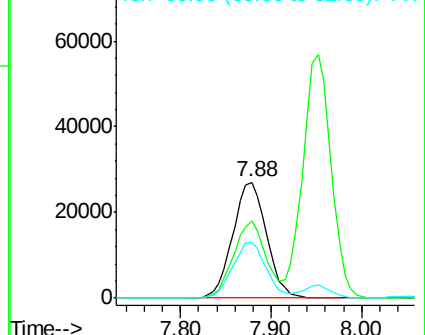
97 100

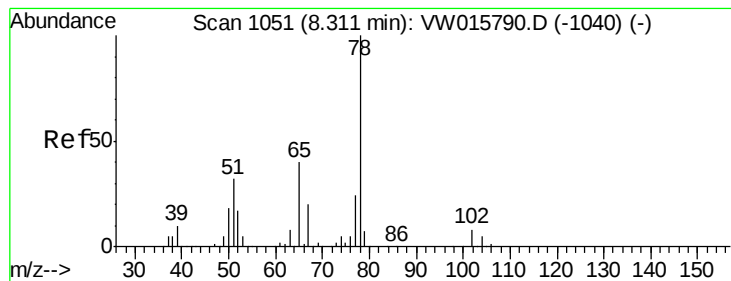
99 63.5 51.0 76.4

61 48.1 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: 49.006 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

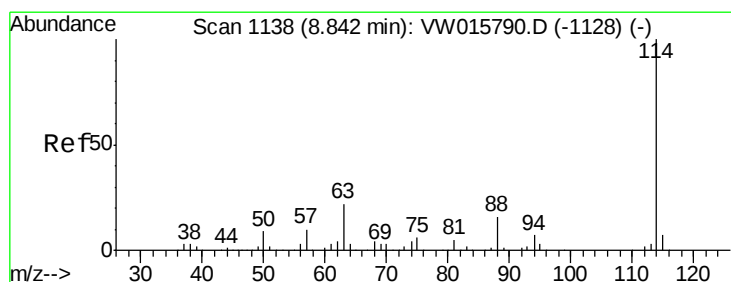
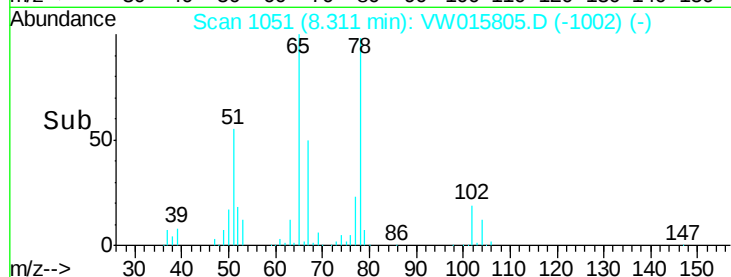
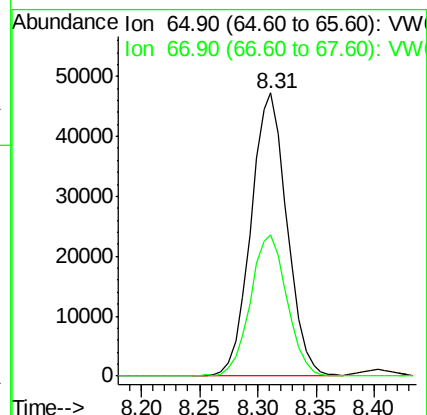
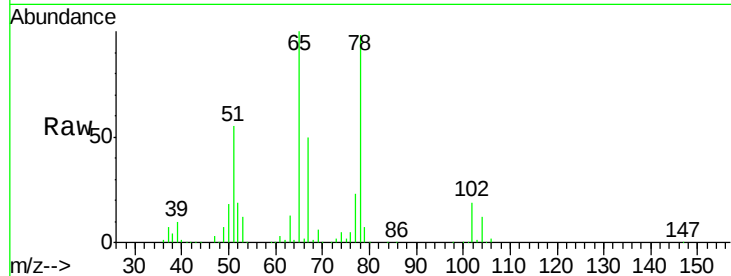
VW0708SBS01

Tot Ion: 65 Resp: 101887

Ion Ratio Lower Upper

65 100

67 50.6 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

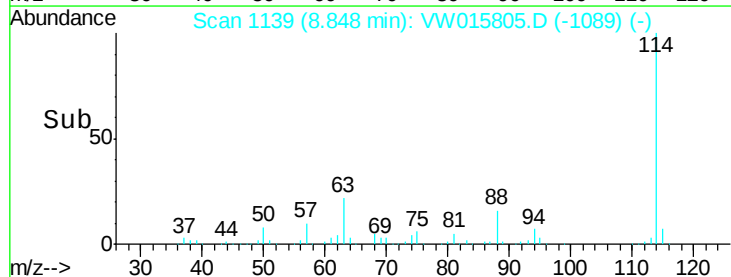
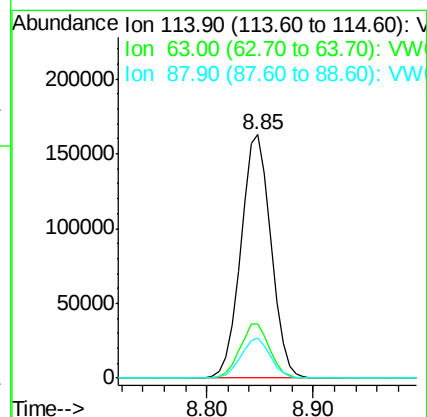
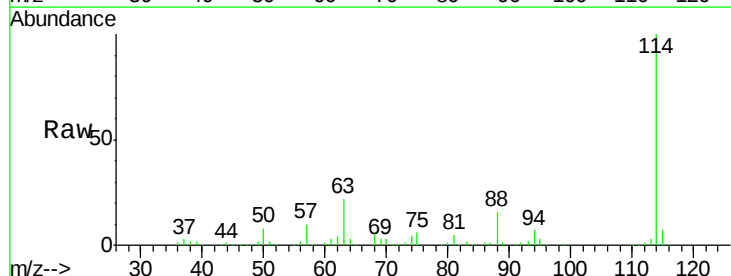
Tgt Ion: 114 Resp: 322870

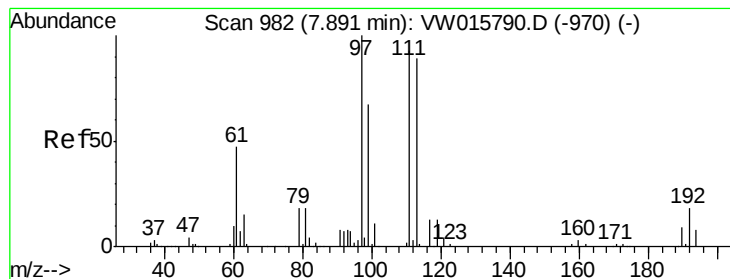
Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.4

88 16.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.609 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBS01

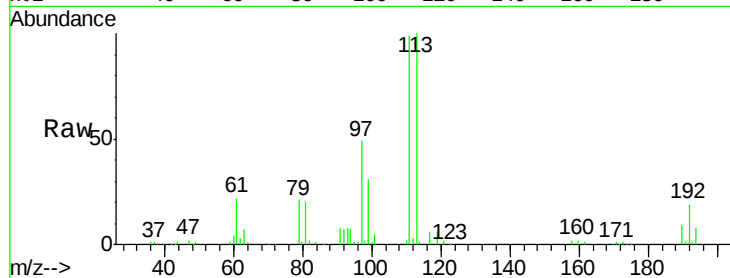
Tot Ion:113 Resp: 91564

Ion Ratio Lower Upper

113 100

111 101.5 82.8 124.2

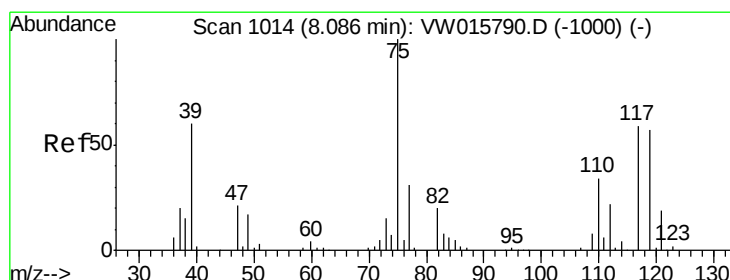
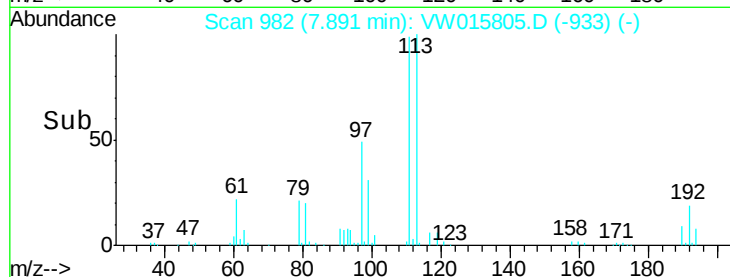
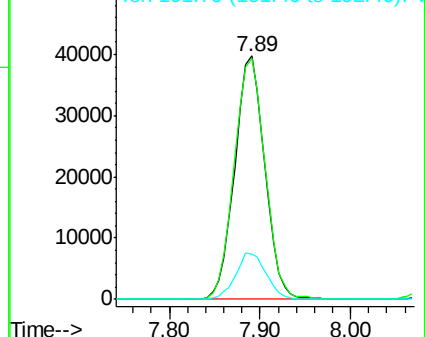
192 19.3 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 21.576 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

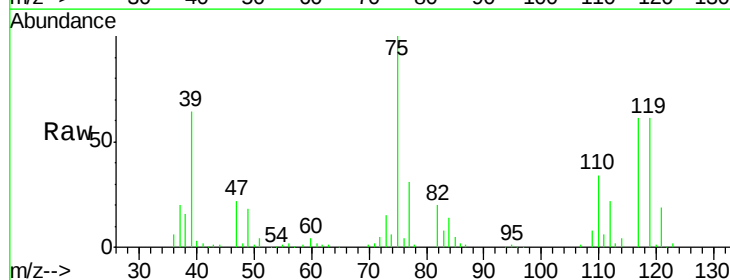
Tgt Ion: 75 Resp: 68670

Ion Ratio Lower Upper

75 100

110 33.2 16.8 50.3

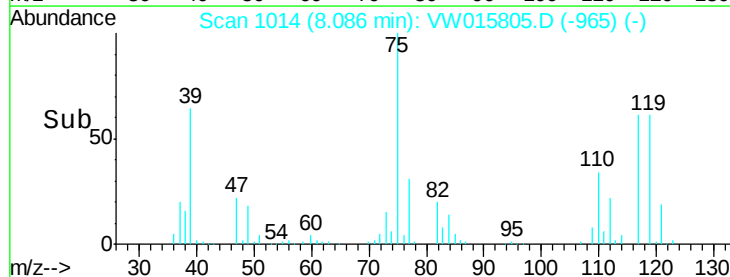
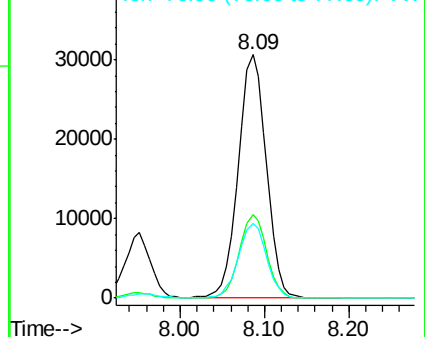
77 30.9 24.7 37.1

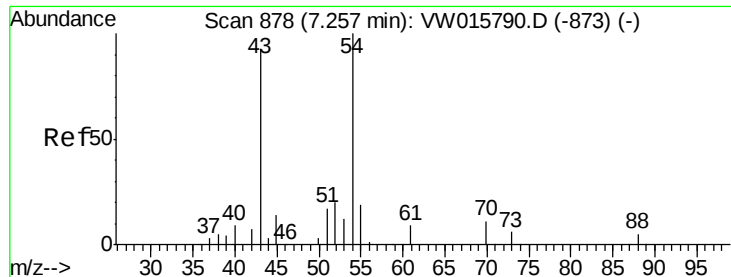


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

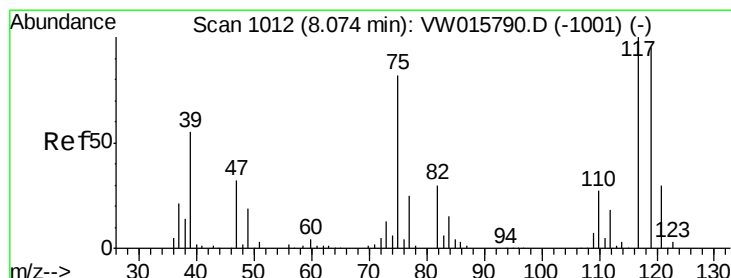
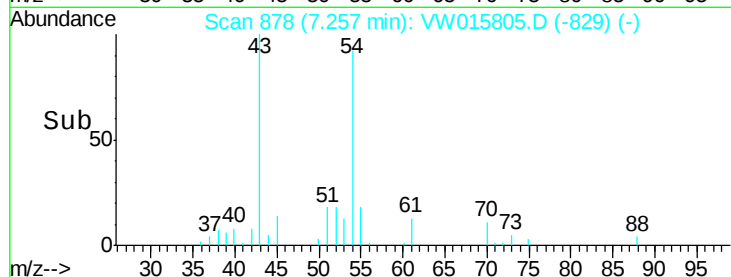
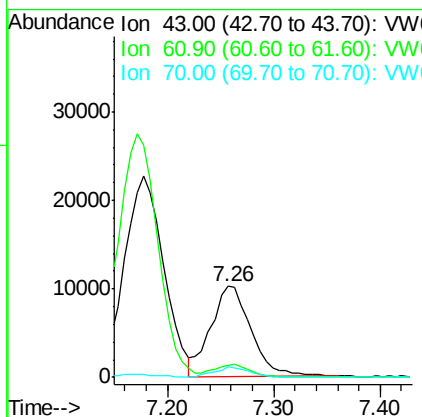
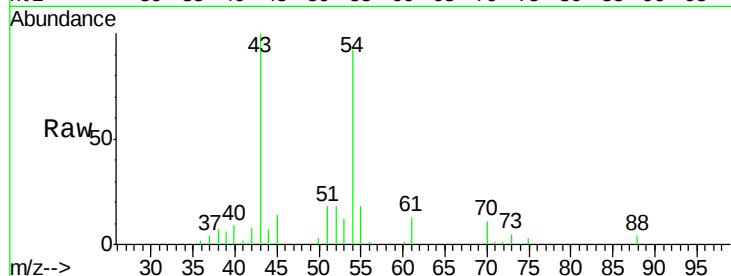




#37
Ethyl Acetate
Concen: 21.855 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

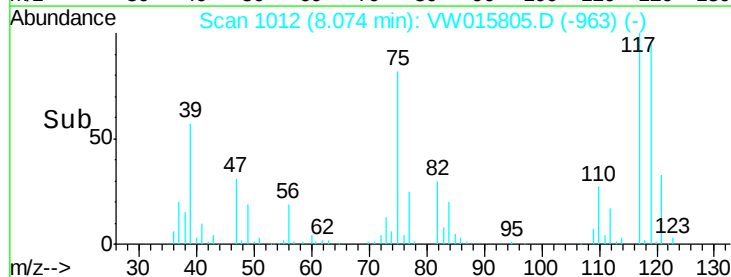
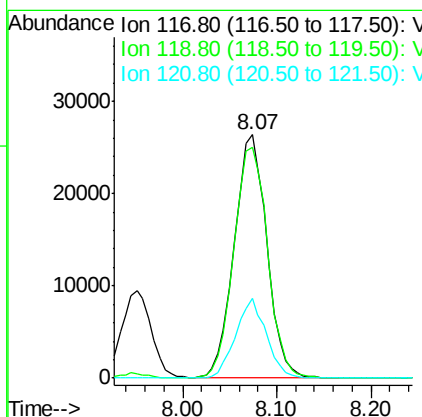
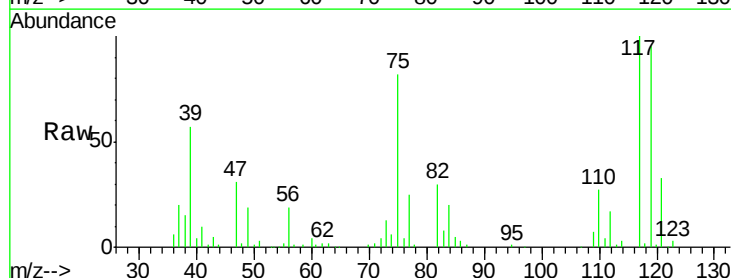
Instrument :
MSVOA_W
ClientSampled :
VW0708SBS01

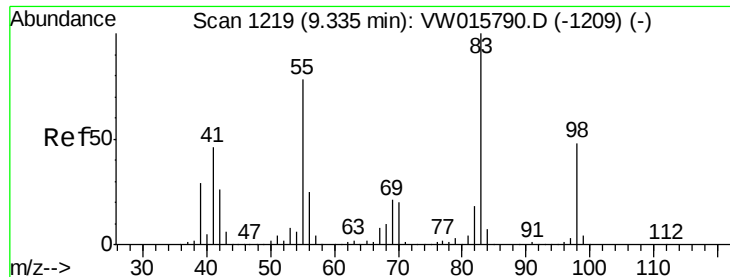
Tot Ion: 43 Resp: 27028
Ion Ratio Lower Upper
43 100
61 12.8 10.4 15.6
70 10.1 8.4 12.6



#38
Carbon Tetrachloride
Concen: 20.766 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Tgt Ion: 117 Resp: 63955
Ion Ratio Lower Upper
117 100
119 94.9 76.3 114.5
121 32.5 24.0 36.0

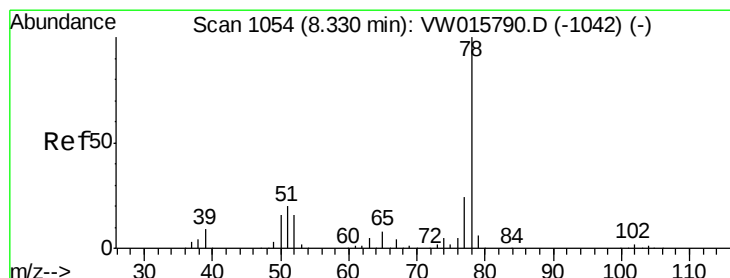
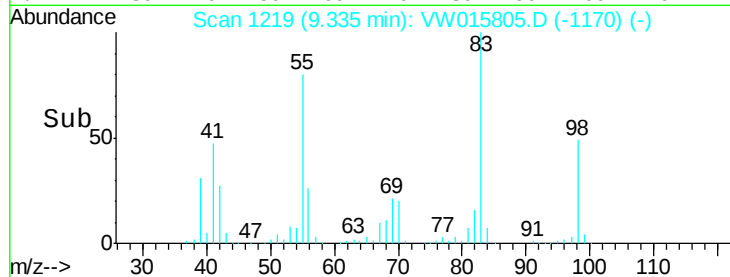
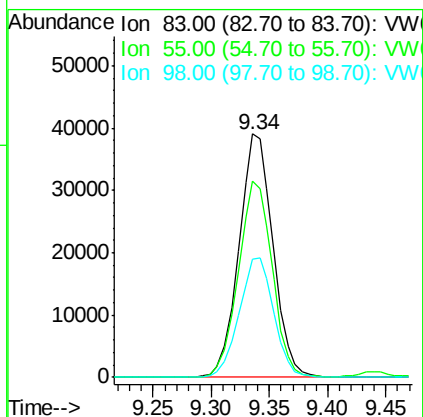
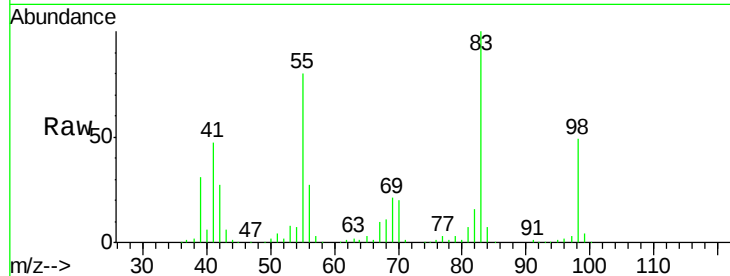




#39
Methvlcvclohexane
Concen: 21.158 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

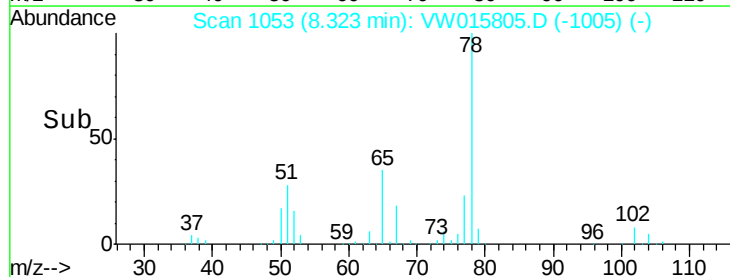
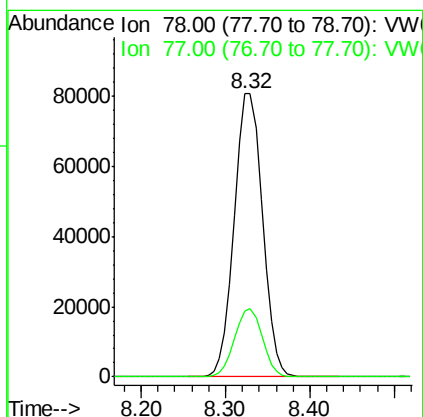
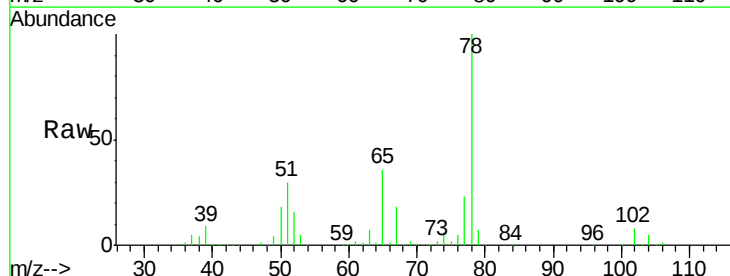
Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

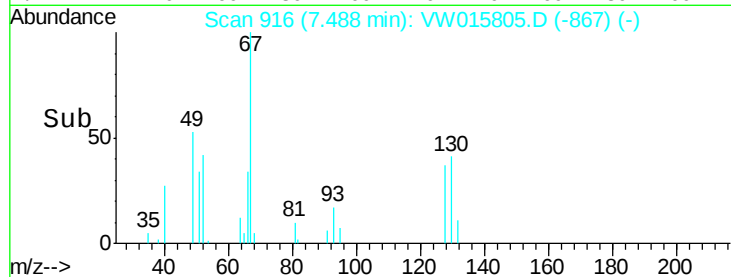
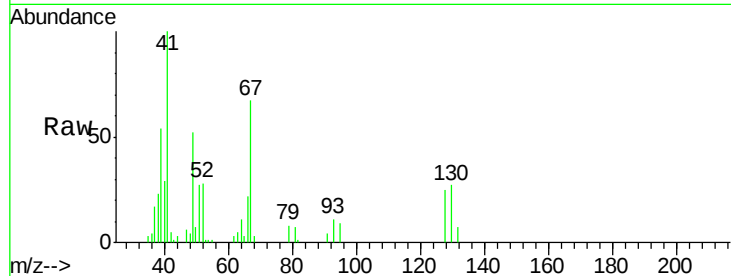
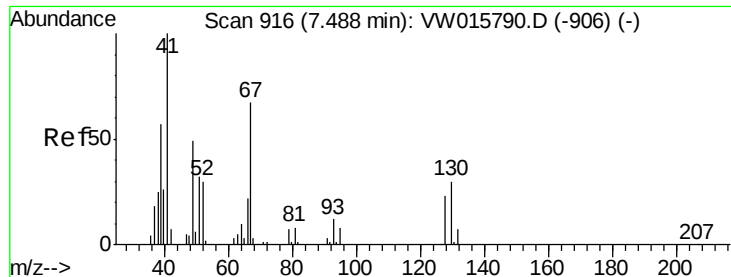
Tot Ion: 83 Resp: 79460
Ion Ratio Lower Upper
83 100
55 80.3 62.6 94.0
98 48.6 38.6 58.0



#40
Benzene
Concen: 21.039 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Tgt Ion: 78 Resp: 183429
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.6

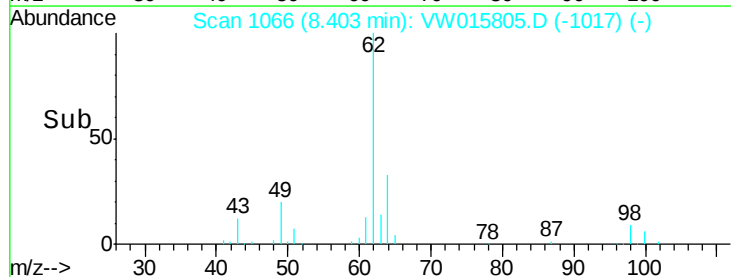
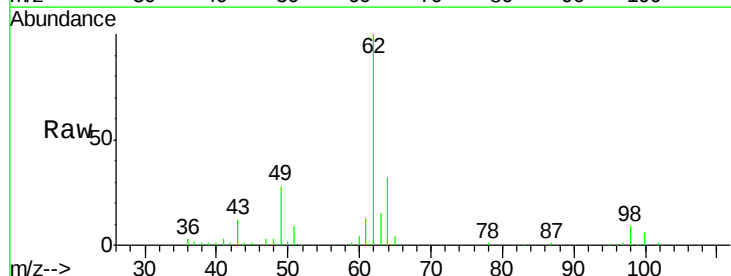
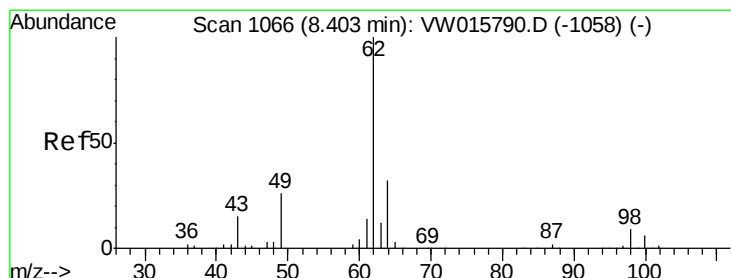
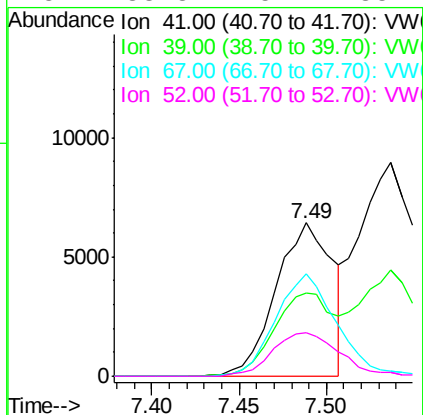




#41
Methacrylonitrile
Concen: 20.707 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

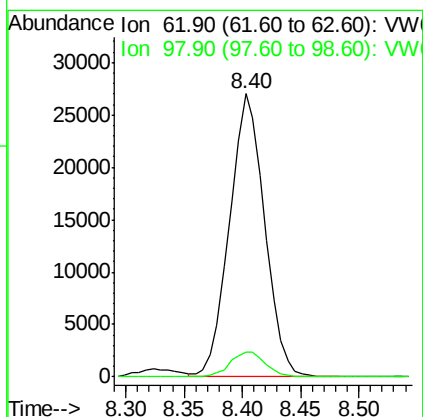
Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

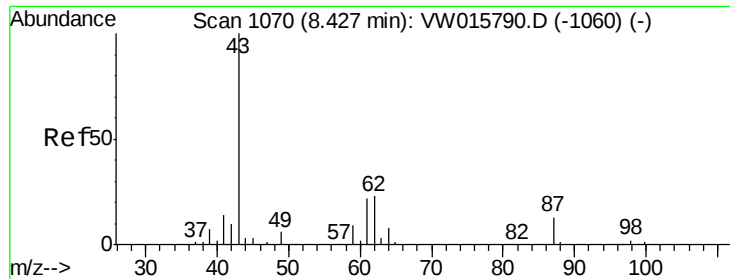
Tot Ion:	41	Resp:	14538
Ion	Ratio	Lower	Upper
41	100		
39	56.8	44.6	66.8
67	71.7	56.4	84.6
52	33.8	25.4	38.2



#42
1,2-Dichloroethane
Concen: 20.933 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Tgt Ion:	62	Resp:	56800
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.2





#43

Isopropyl Acetate

Concen: 21.484 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBS01

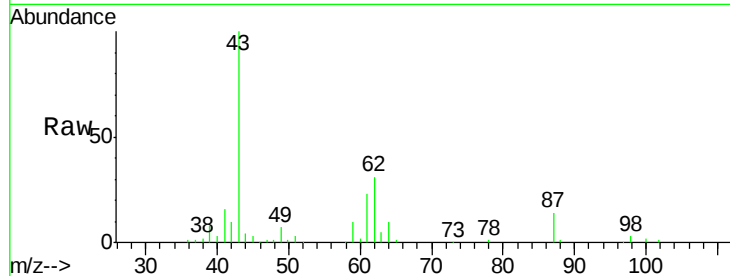
Tot Ion: 43 Resp: 51860

Ion Ratio Lower Upper

43 100

61 31.1 24.8 37.2

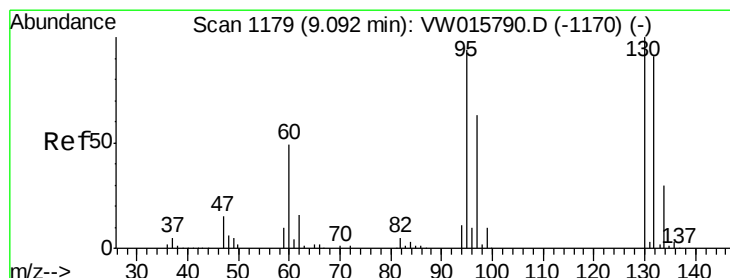
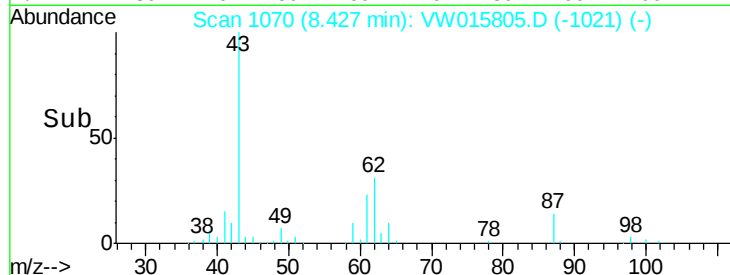
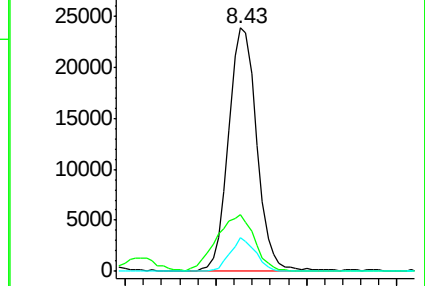
87 12.4 10.4 15.6



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: 20.655 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW015805.D

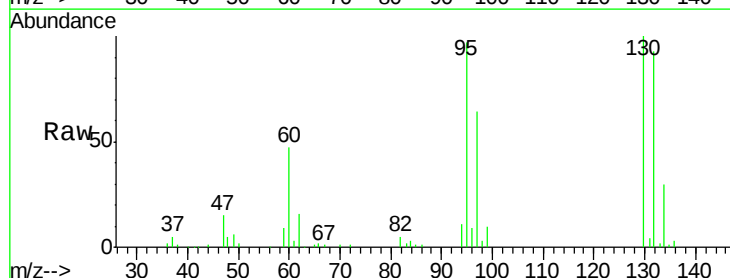
Acq: 08 Jul 2020 12:57

Tgt Ion: 130 Resp: 47630

Ion Ratio Lower Upper

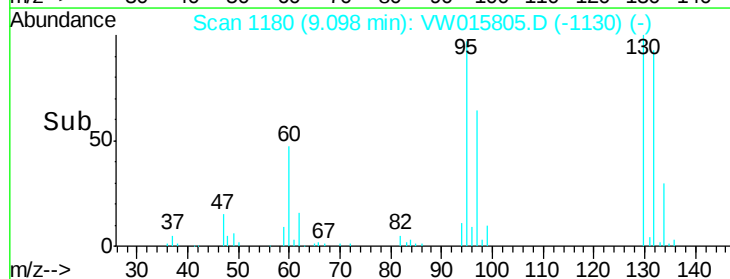
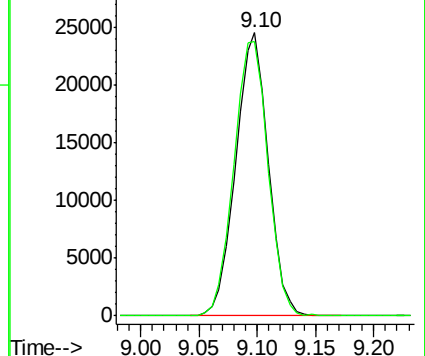
130 100

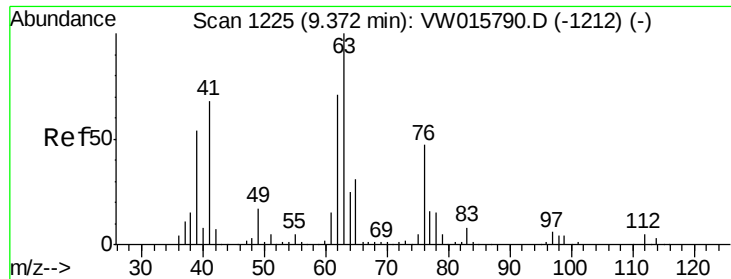
95 96.8 0.0 188.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 20.801 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

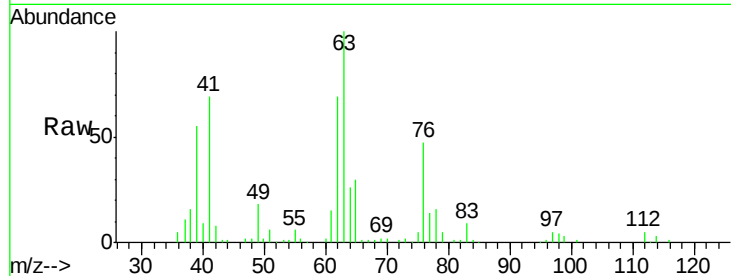
VW0708SBS01

Tot Ion: 63 Resp: 44575

Ion Ratio Lower Upper

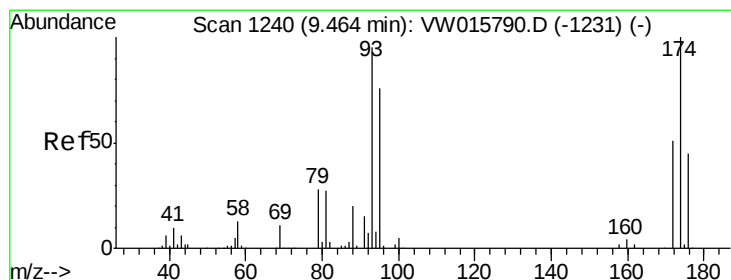
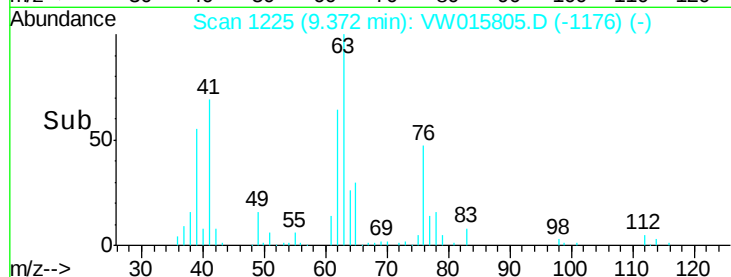
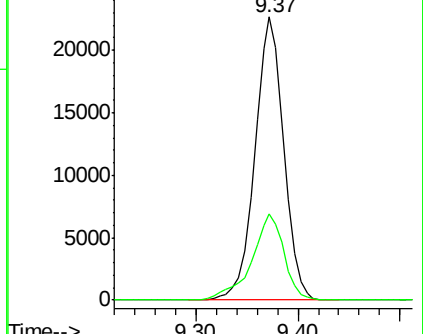
63 100

65 30.4 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 20.960 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

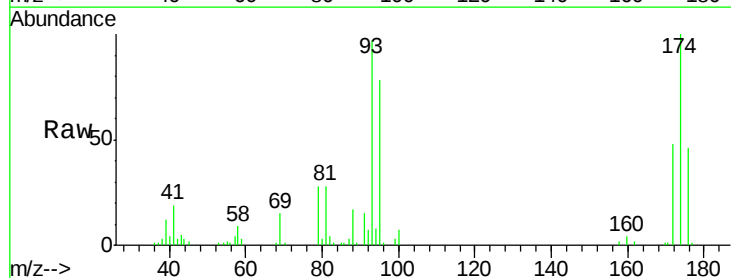
Tgt Ion: 93 Resp: 23125

Ion Ratio Lower Upper

93 100

95 82.1 66.0 99.0

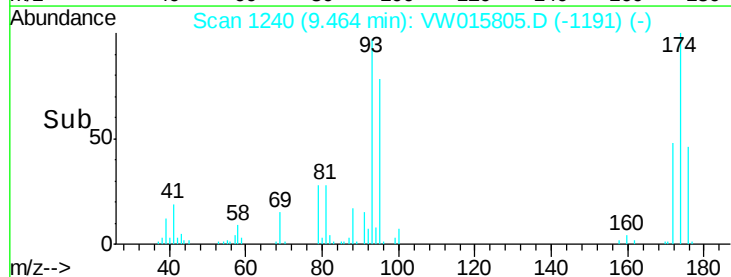
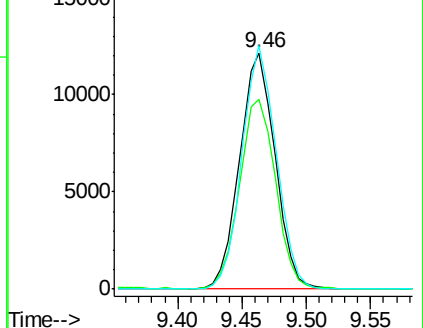
174 99.4 78.7 118.1

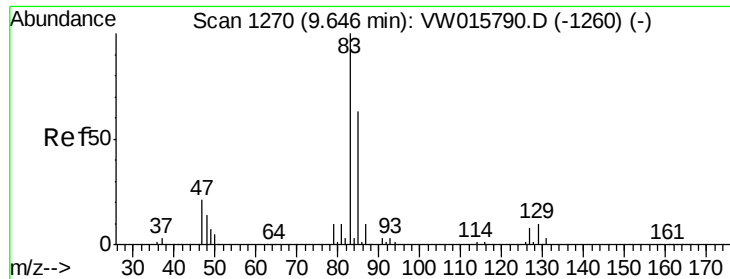


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.822 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBSD01

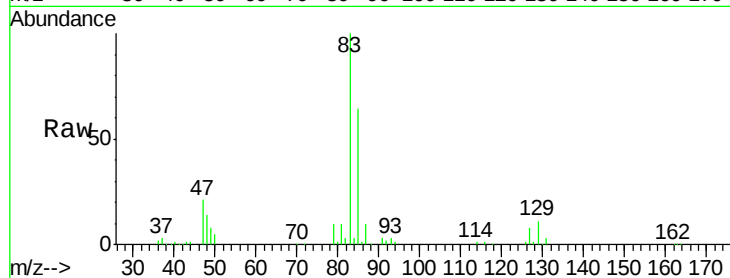
Tot Ion: 83 Resp: 59418

Ion Ratio Lower Upper

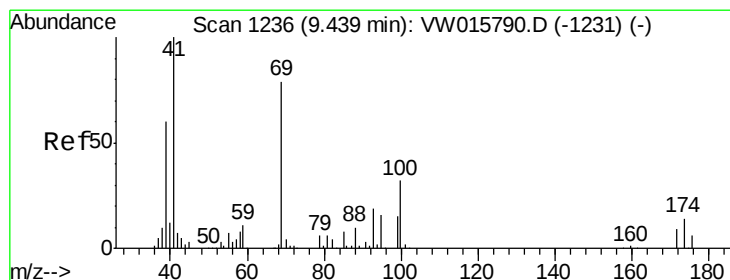
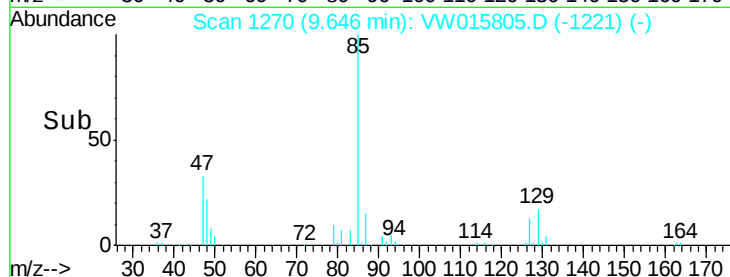
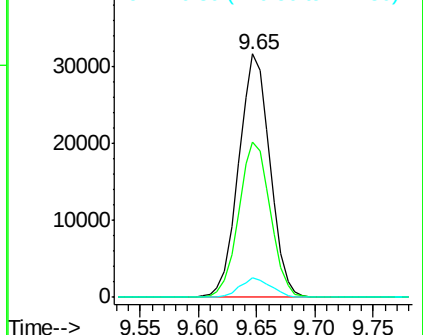
83 100

85 63.6 50.6 76.0

127 8.1 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: 21.459 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

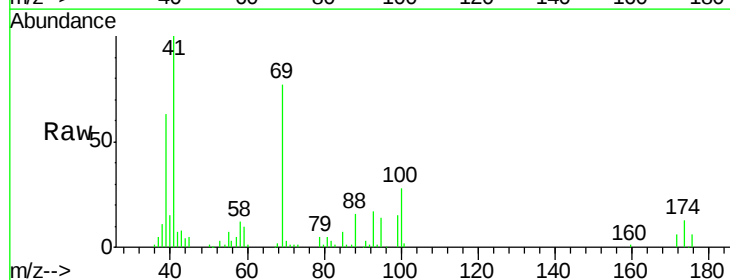
Tgt Ion: 41 Resp: 23740

Ion Ratio Lower Upper

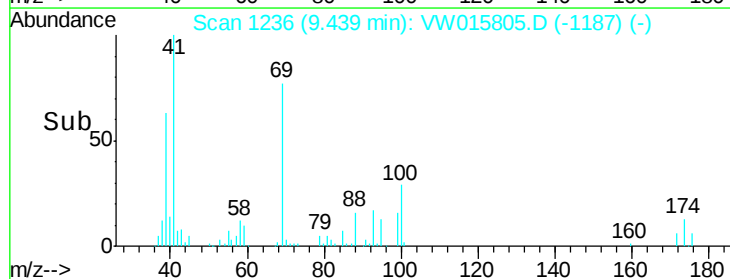
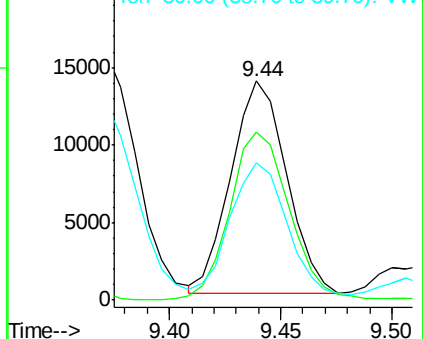
41 100

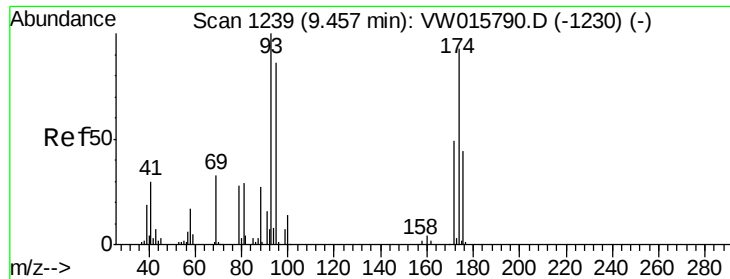
69 85.4 67.1 100.7

39 61.9 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: 478.151 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.01 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBSD01

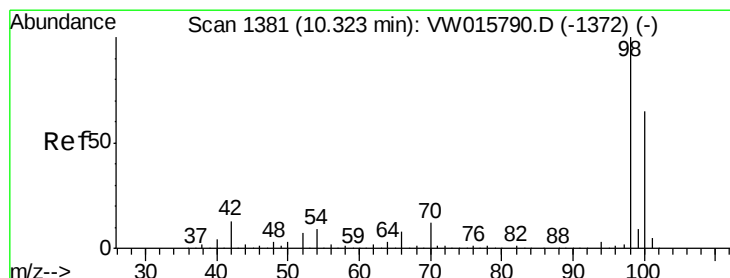
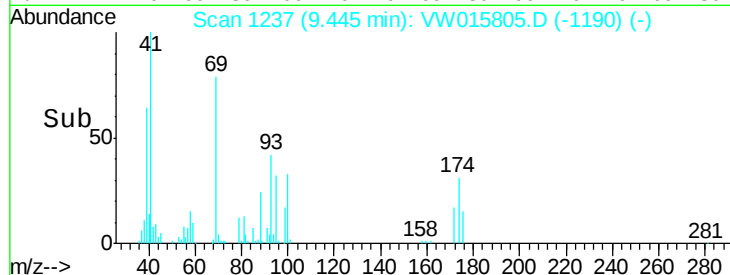
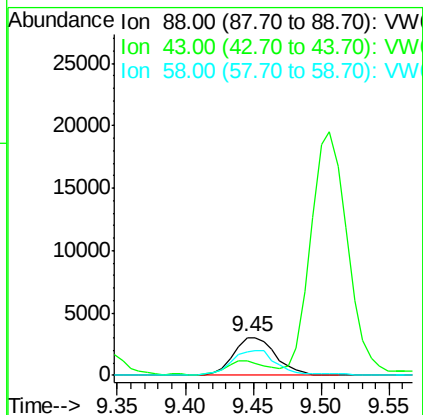
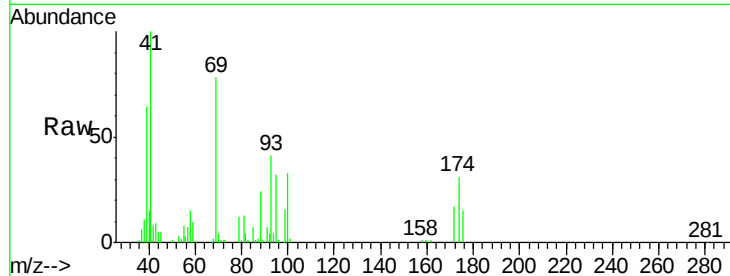
Tot Ion: 88 Resp: 6522

Ion Ratio Lower Upper

88 100

43 35.0 28.1 42.1

58 70.2 59.3 88.9



#50

Toluene-d8

Concen: 48.848 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW015805.D

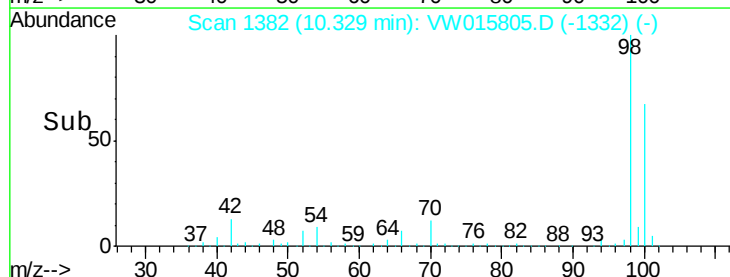
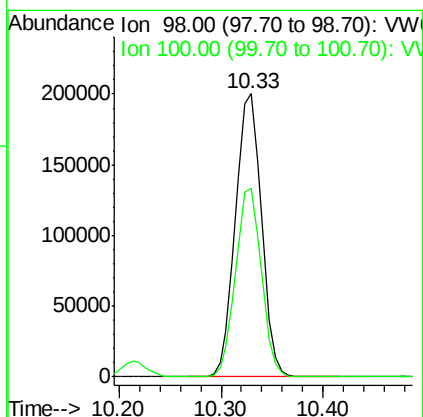
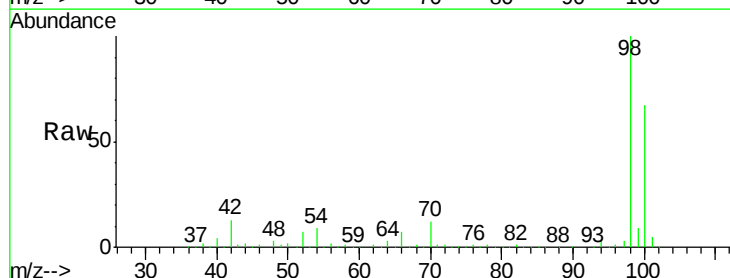
Acq: 08 Jul 2020 12:57

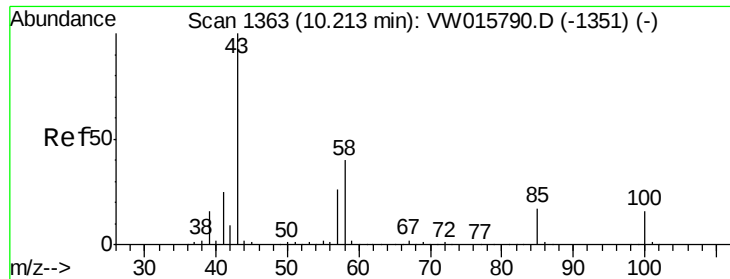
Tgt Ion: 98 Resp: 353441

Ion Ratio Lower Upper

98 100

100 65.9 52.6 79.0

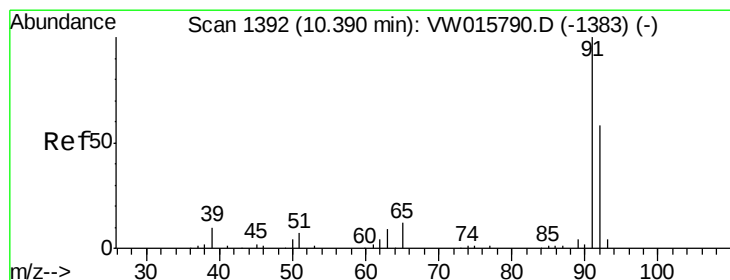
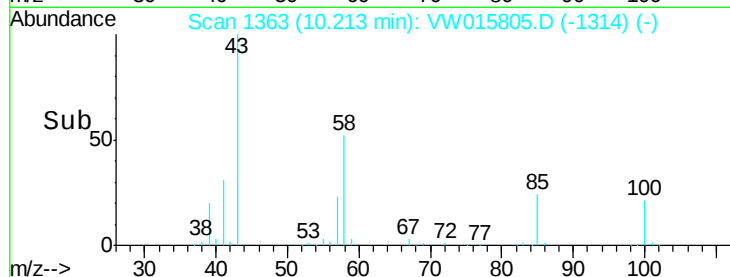
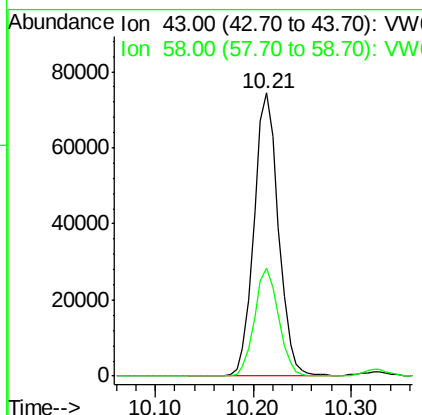
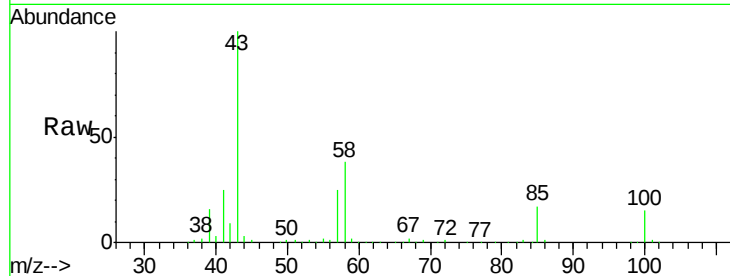




#51
4-Methyl-2-Pentanone
Concen: 109.706 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

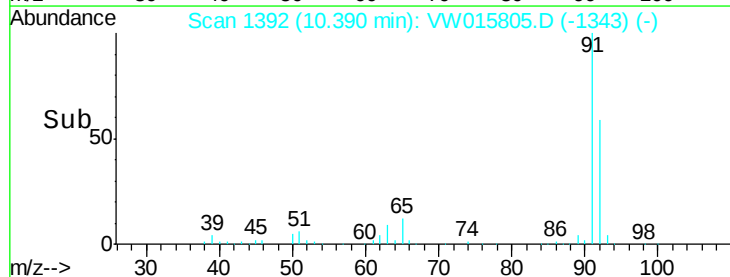
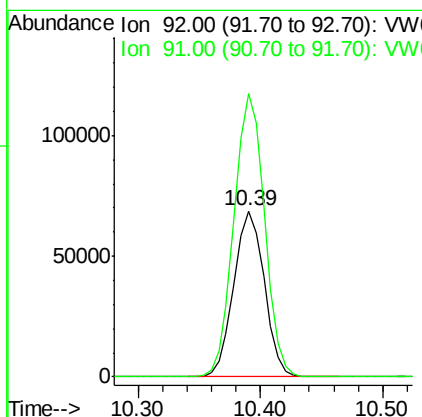
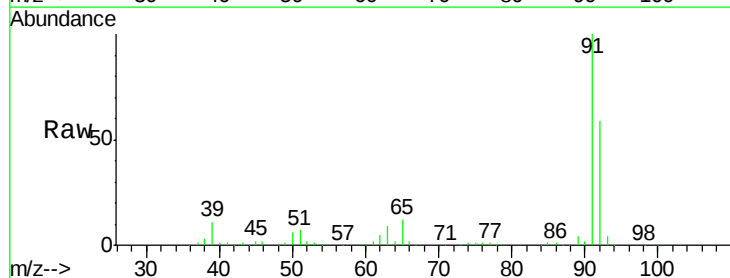
Instrument :
MSVOA_W
ClientSampleId :
VW0708SBSD01

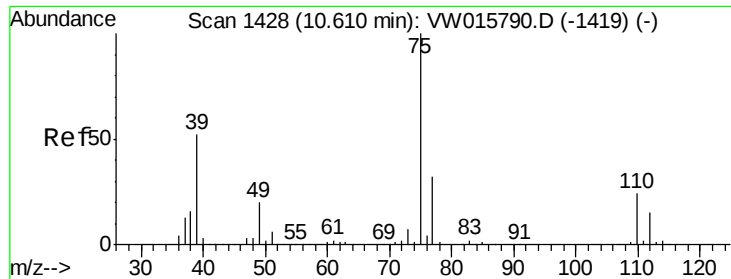
Tot Ion: 43 Resp: 129228
Ion Ratio Lower Upper
43 100
58 37.5 30.9 46.3



#52
Toluene
Concen: 21.141 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Tgt Ion: 92 Resp: 118611
Ion Ratio Lower Upper
92 100
91 171.0 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 20.548 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

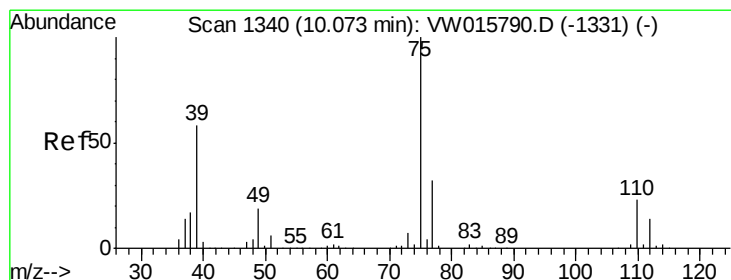
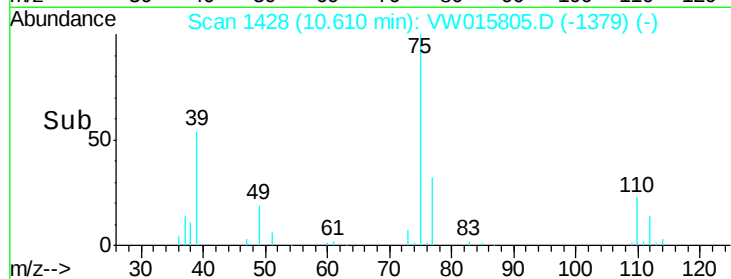
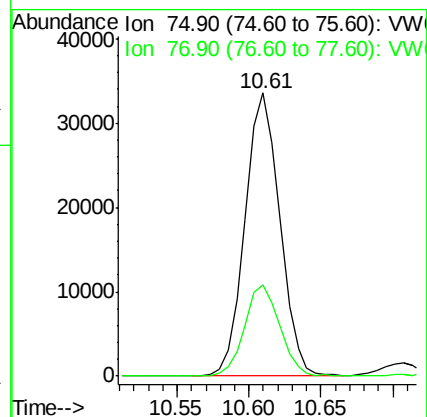
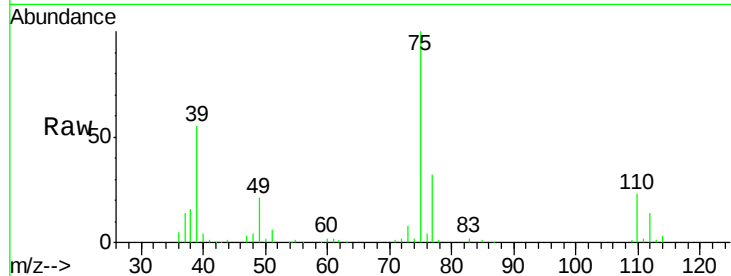
VW0708SBS01

Tot Ion: 75 Resp: 56262

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 20.897 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.01 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

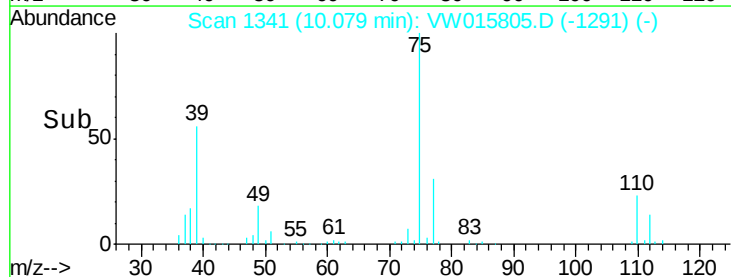
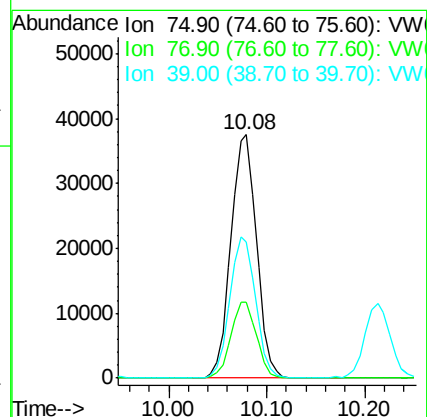
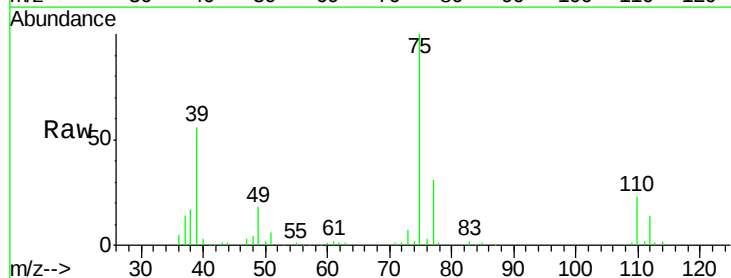
Tgt Ion: 75 Resp: 68444

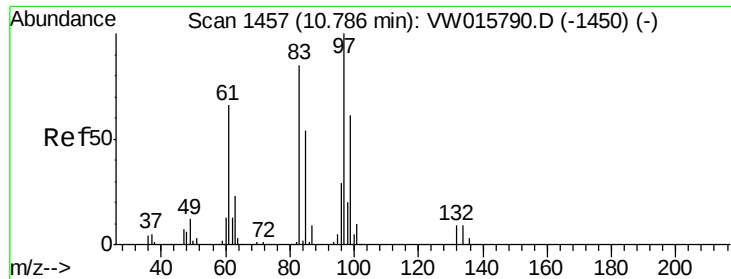
Ion Ratio Lower Upper

75 100

77 31.4 25.2 37.8

39 56.0 46.0 69.0





#55

1,1,2-Trichloroethane

Concen: 21.137 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. 0.01 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBSD01

Tot Ion: 97 Resp: 32336

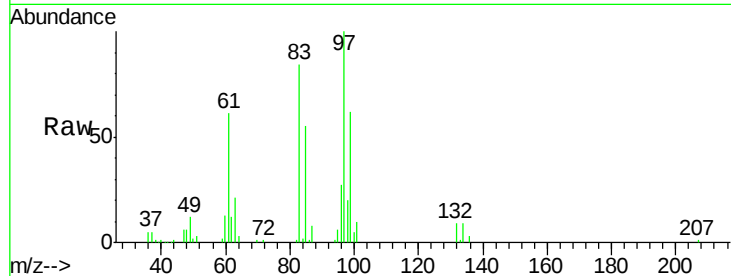
Ion Ratio Lower Upper

97 100

83 84.0 68.2 102.4

85 54.9 43.4 65.0

99 62.1 48.6 72.8

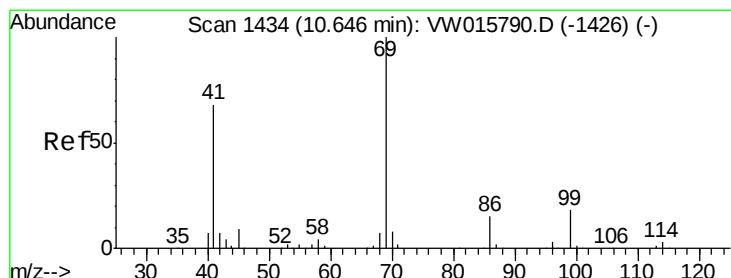
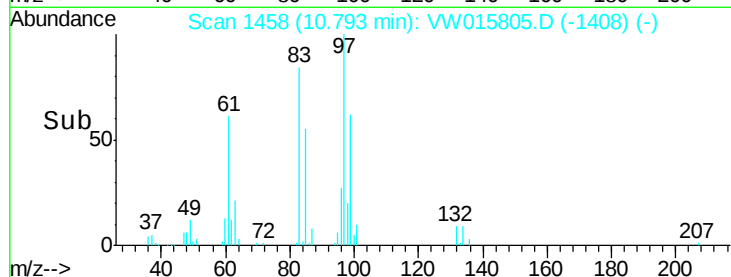
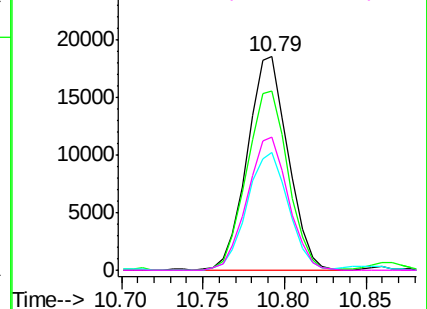


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 20.761 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

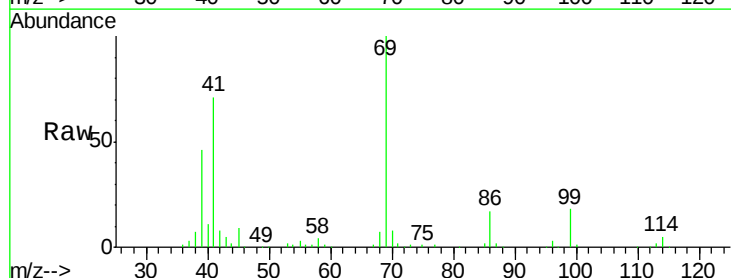
Tgt Ion: 69 Resp: 39048

Ion Ratio Lower Upper

69 100

41 70.2 55.0 82.6

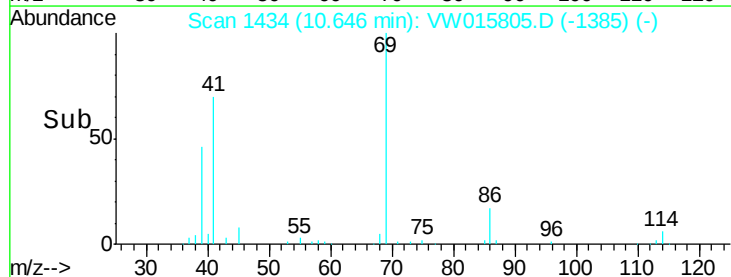
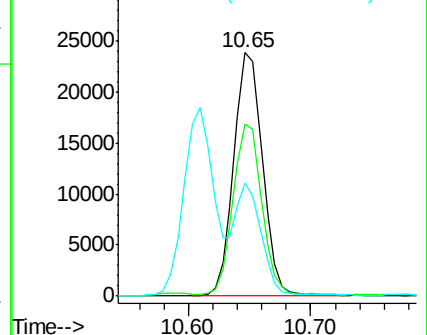
39 38.7 33.8 50.8

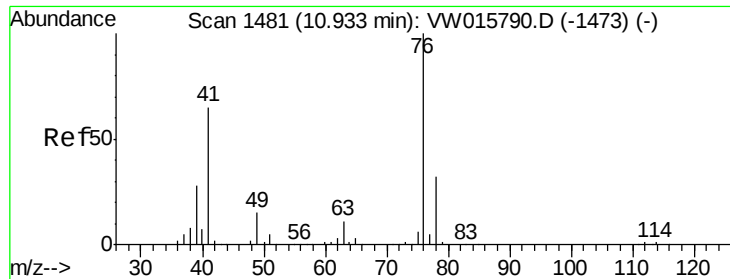


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

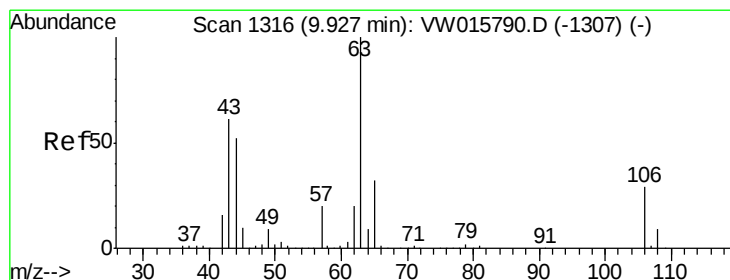
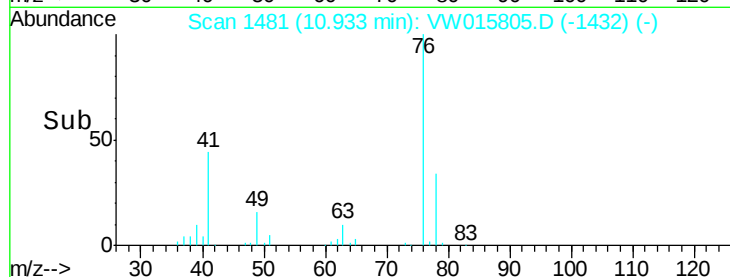
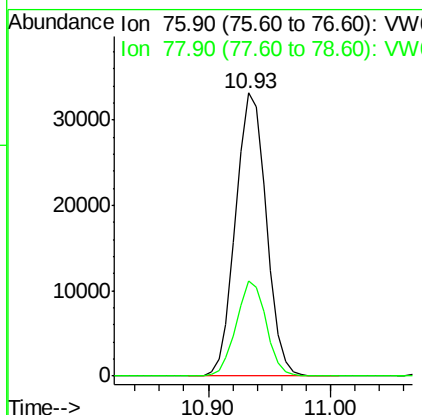
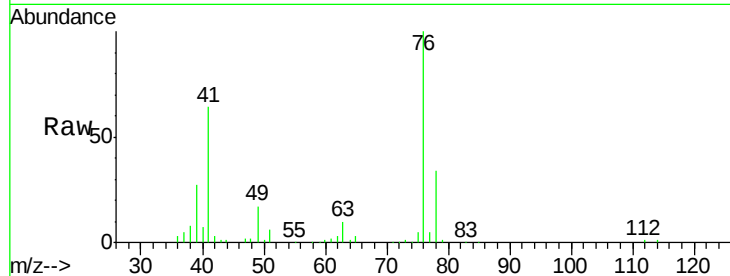




#57
 1,3-Dichloropropane
 Concen: 21.335 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015805.D
 Acq: 08 Jul 2020 12:57

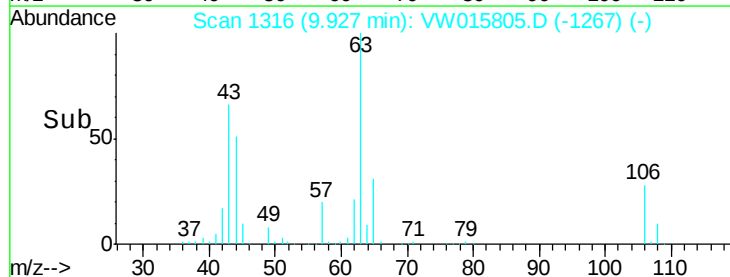
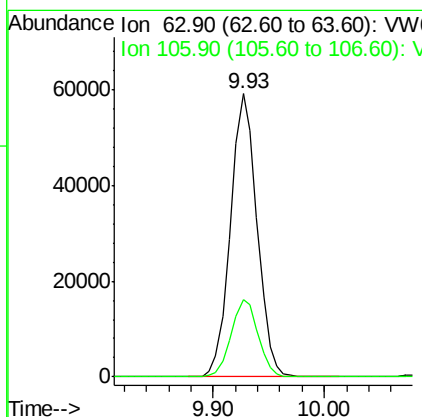
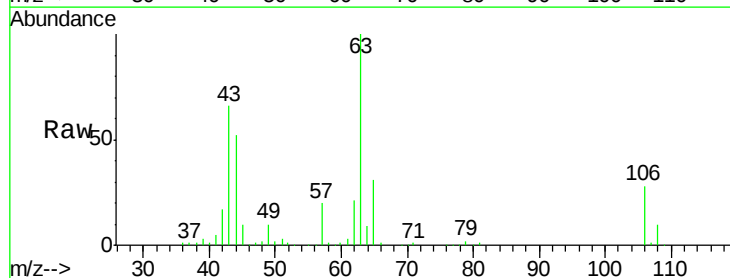
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

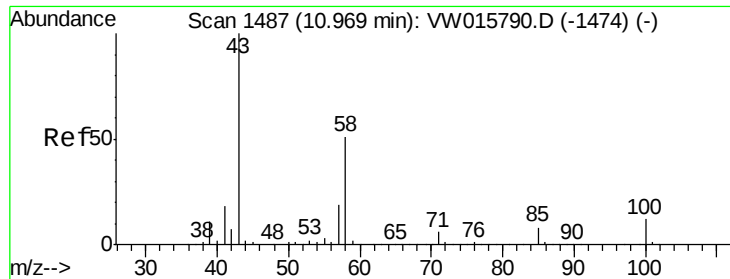
Tot Ion: 76 Resp: 57779
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.101 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW015805.D
 Acq: 08 Jul 2020 12:57

Tgt Ion: 63 Resp: 97507
 Ion Ratio Lower Upper
 63 100
 106 27.8 23.1 34.7

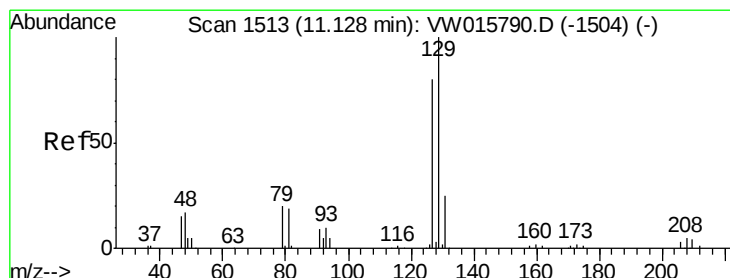
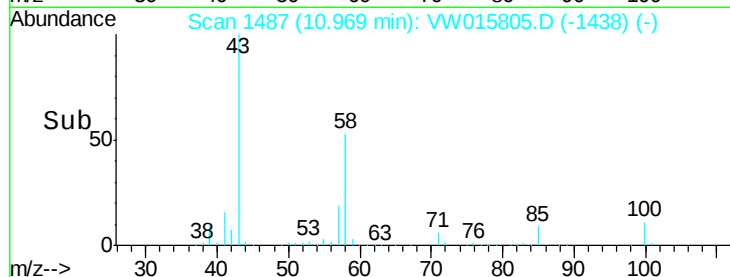
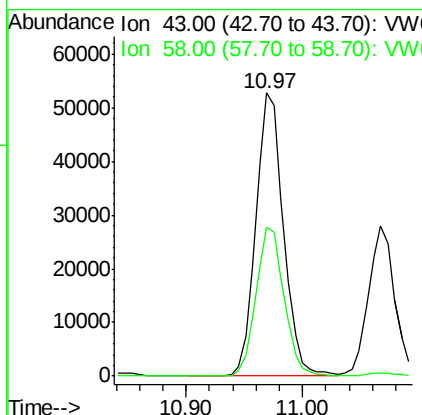
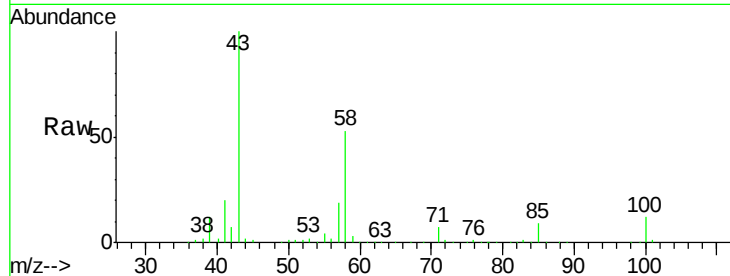




#59
2-Hexanone
Concen: 110.907 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

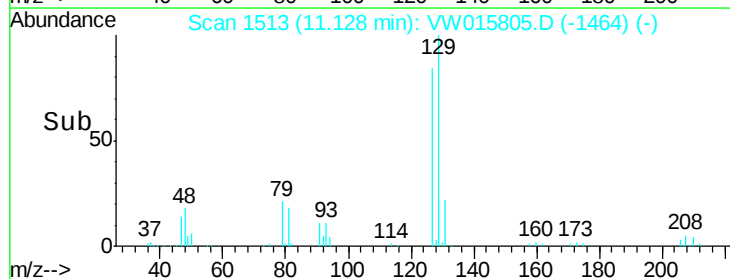
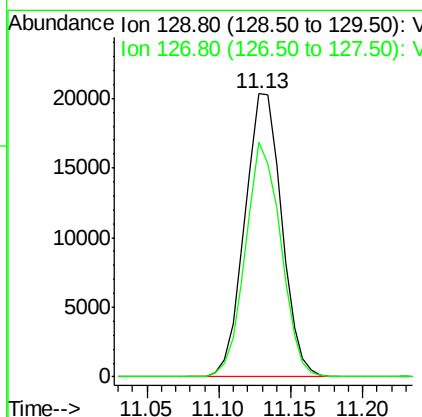
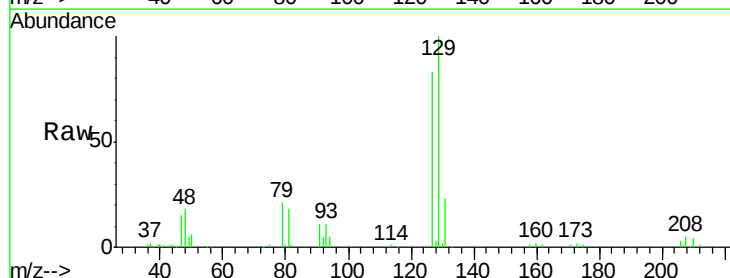
Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

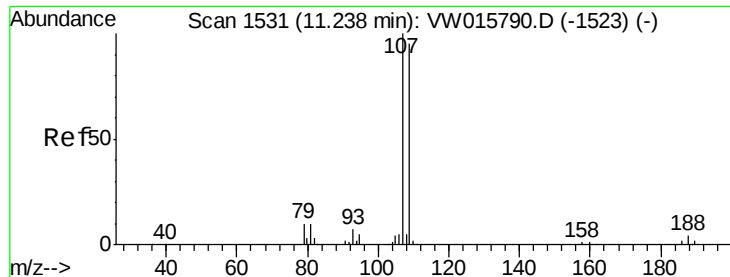
Tot Ion: 43 Resp: 87185
Ion Ratio Lower Upper
43 100
58 53.4 26.2 78.5



#60
Dibromochloromethane
Concen: 20.453 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Tgt Ion: 129 Resp: 36138
Ion Ratio Lower Upper
129 100
127 79.1 39.4 118.1





#61

1,2-Dibromoethane

Concen: 20.731 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

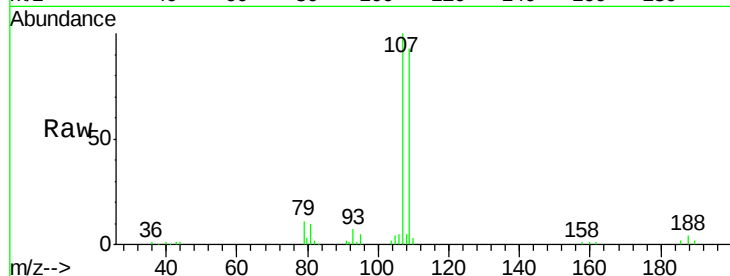
VW0708SBSD01

Tot Ion:107 Resp: 30347

Ion Ratio Lower Upper

107 100

109 93.5 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

15000

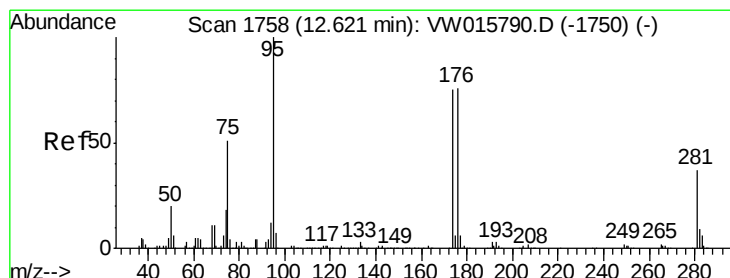
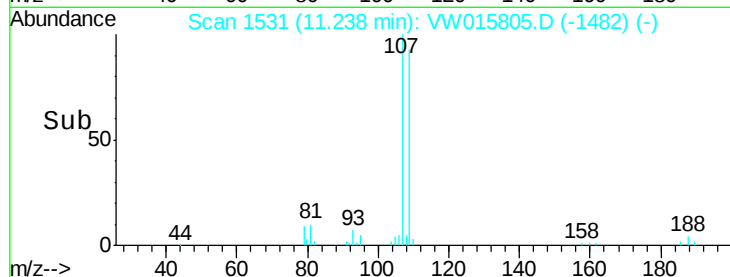
10000

5000

0

Time-->

11.20 11.30



#62

4-Bromofluorobenzene

Concen: 49.453 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

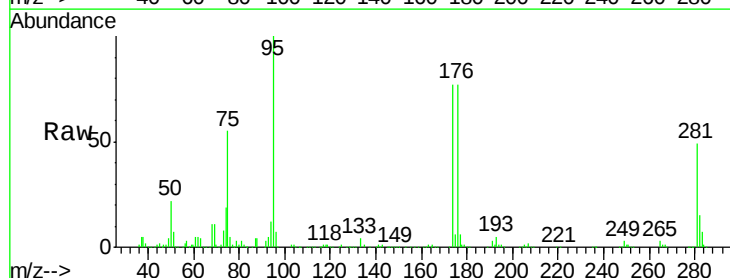
Tgt Ion: 95 Resp: 131300

Ion Ratio Lower Upper

95 100

174 78.2 0.0 150.2

176 76.5 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

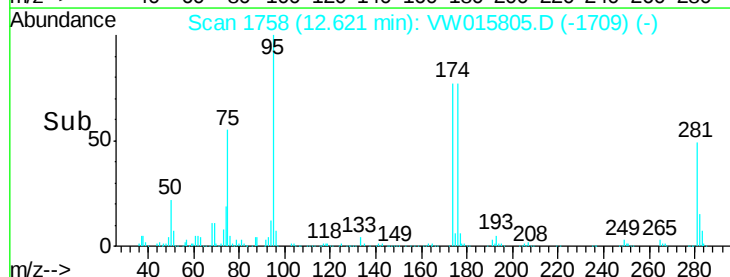
40000

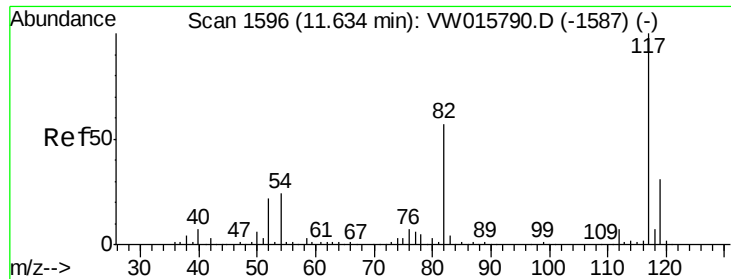
20000

0

Time-->

12.55 12.65 12.70

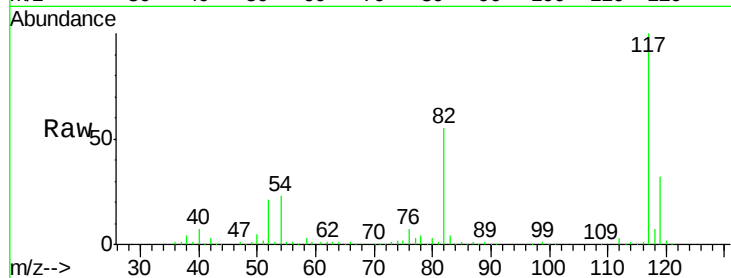




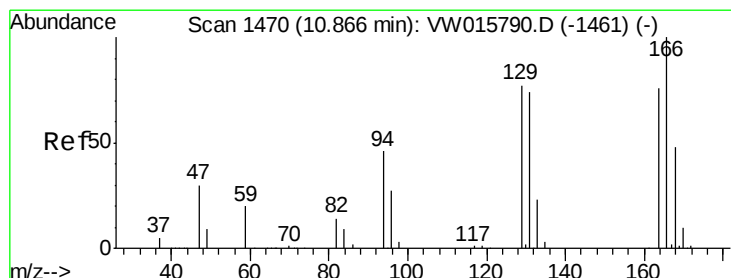
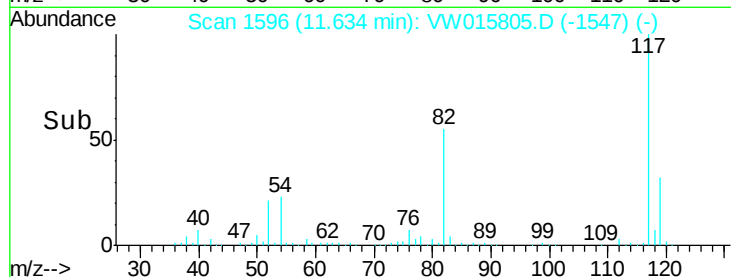
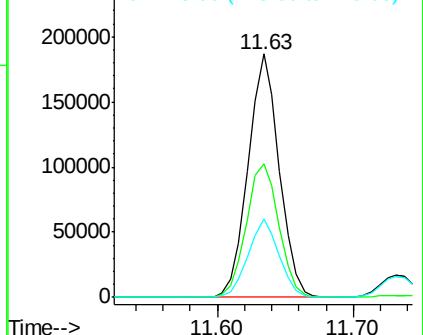
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

Tot Ion:117 Resp: 298849
Ion Ratio Lower Upper
117 100
82 55.1 45.5 68.3
119 32.1 25.0 37.6

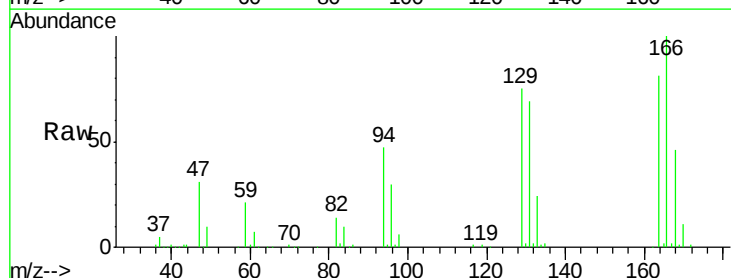


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

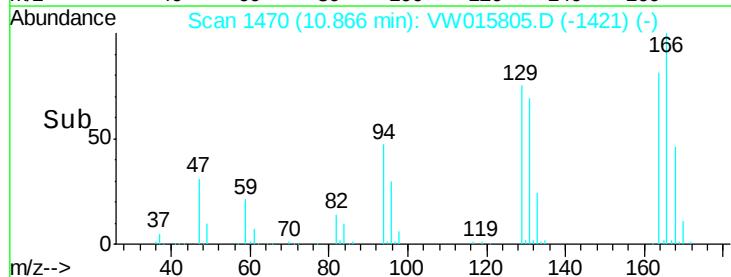
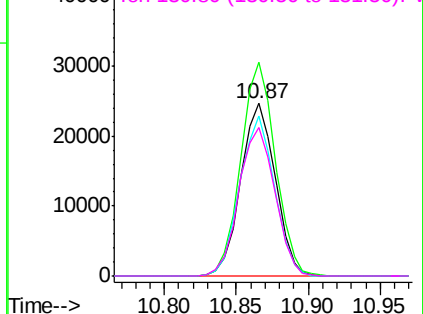


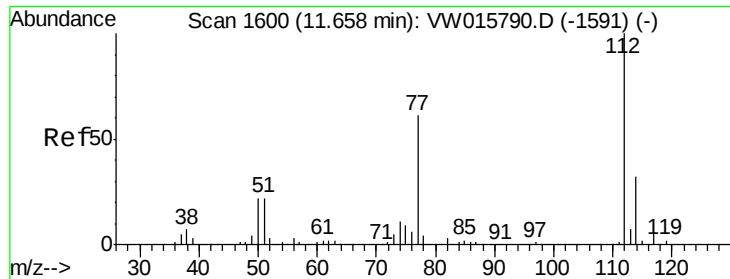
#64
Tetrachloroethene
Concen: 21.588 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Tgt Ion:164 Resp: 40828
Ion Ratio Lower Upper
164 100
166 124.0 105.1 157.7
129 93.1 80.6 121.0
131 85.9 77.8 116.6



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

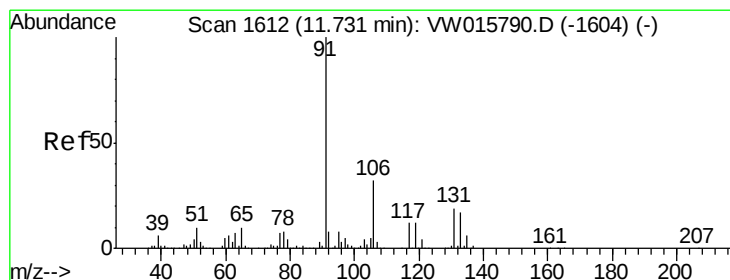
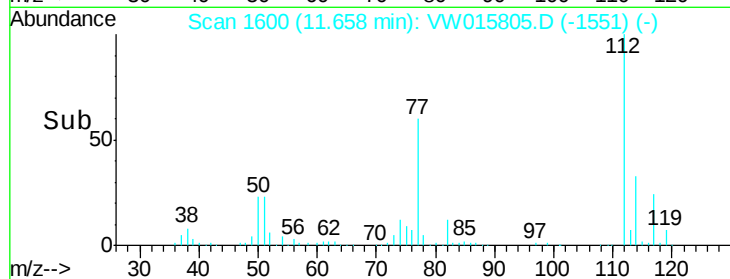
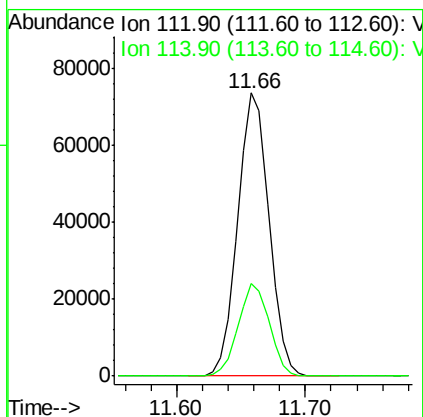
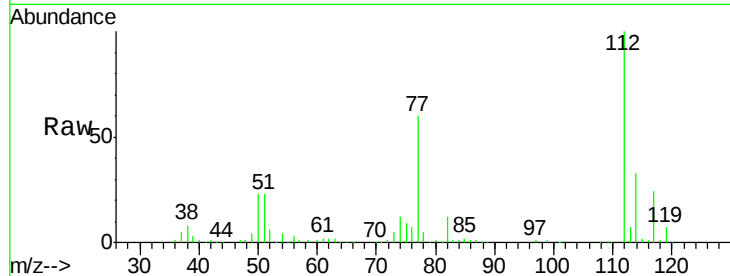




#65
Chlorobenzene
Concen: 21.161 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

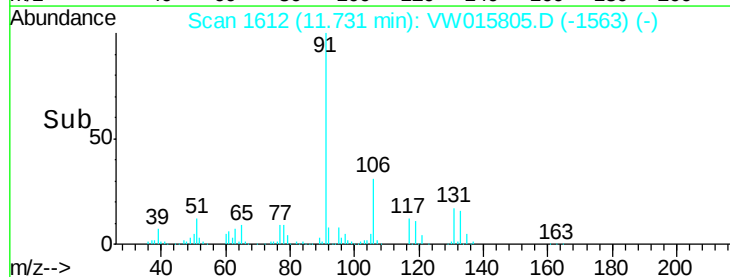
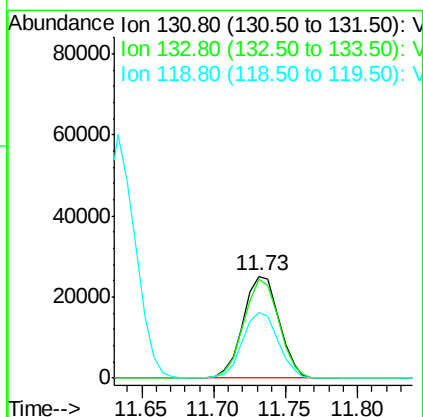
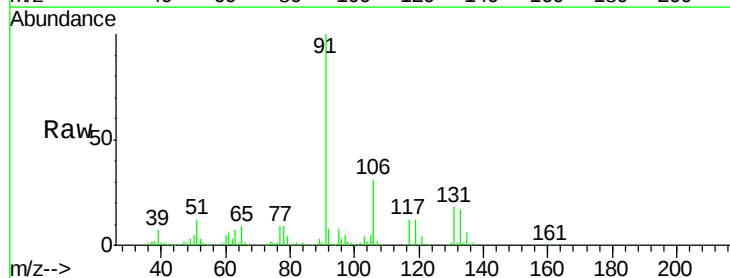
Instrument :
MSVOA_W
ClientSampleId :
VW0708SBSD01

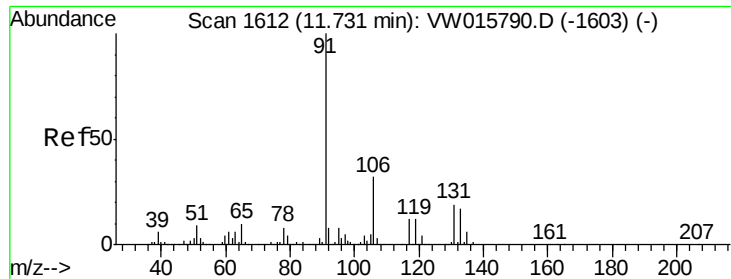
Tot Ion:112 Resp: 123673
Ion Ratio Lower Upper
112 100
114 32.6 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 21.077 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Tgt Ion:131 Resp: 43591
Ion Ratio Lower Upper
131 100
133 93.9 47.0 141.2
119 63.9 32.3 96.8

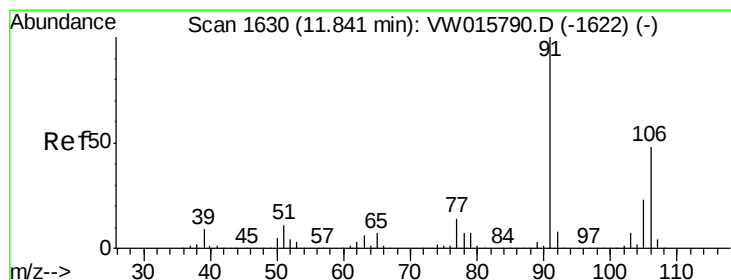
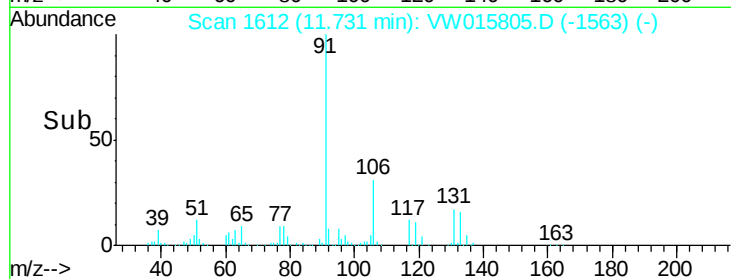
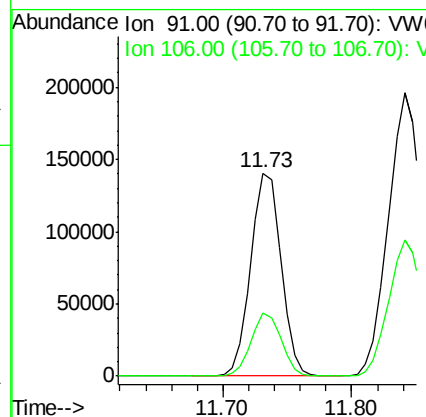
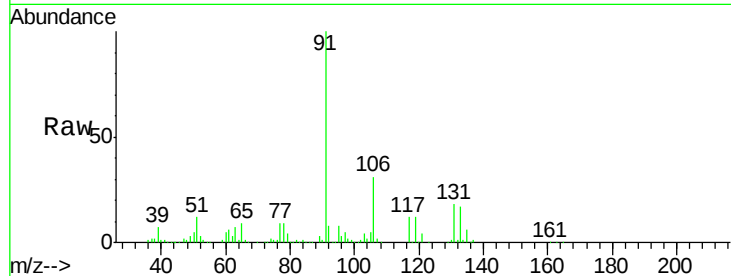




#67
Ethyl Benzene
Concen: 21.154 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

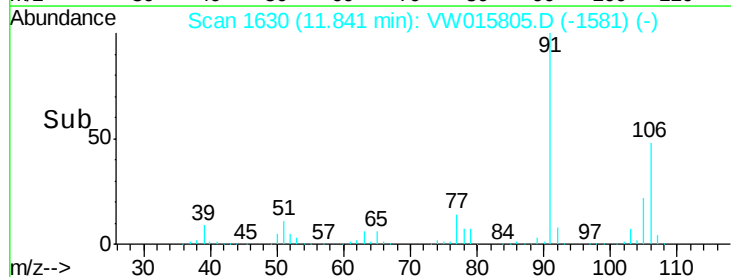
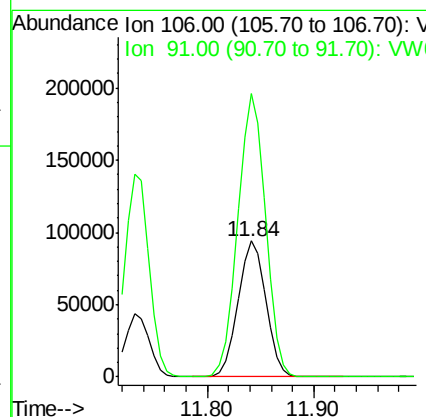
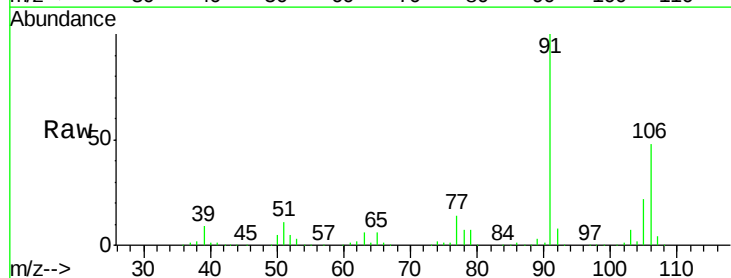
Instrument :
MSVOA_W
ClientSampled :
VW0708SBS01

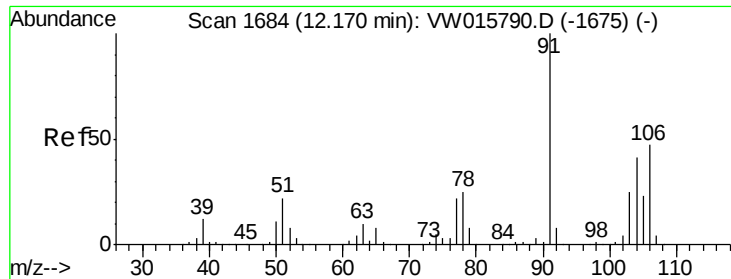
Tot Ion: 91 Resp: 228944
Ion Ratio Lower Upper
91 100
106 30.9 25.8 38.8



#68
m/p-Xylenes
Concen: 42.562 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Tgt Ion: 106 Resp: 173039
Ion Ratio Lower Upper
106 100
91 207.3 164.1 246.1

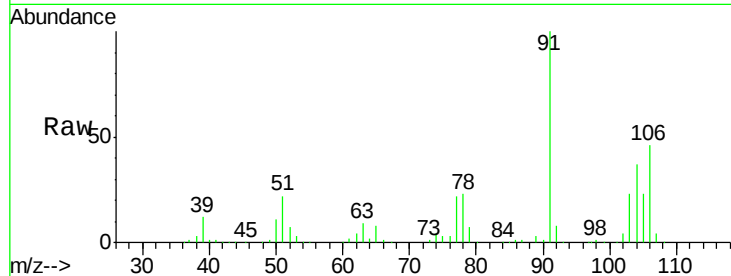




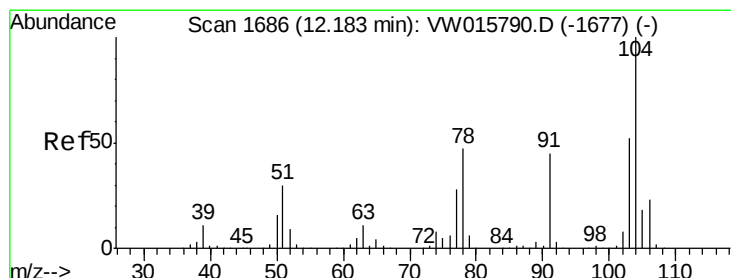
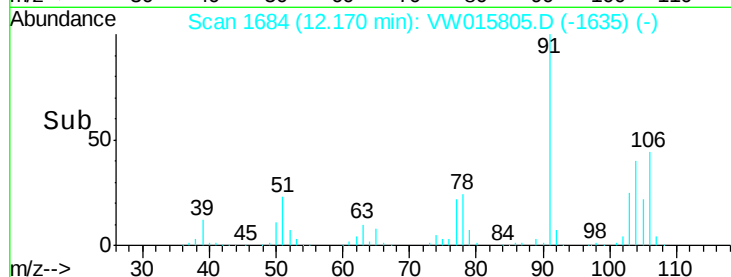
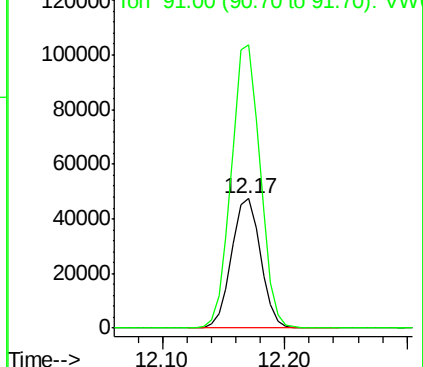
#69
o-Xylene
Concen: 21.027 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Instrument :
MSVOA_W
ClientSampleId :
VW0708SBSD01

Tot Ion:106 Resp: 78032
Ion Ratio Lower Upper
106 100
91 217.4 108.5 325.3

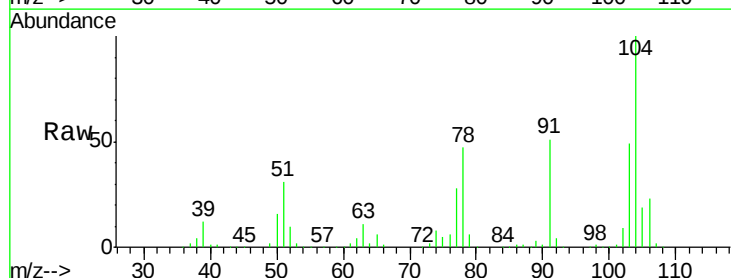


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

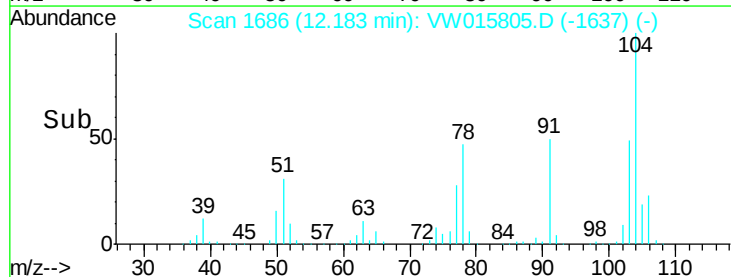
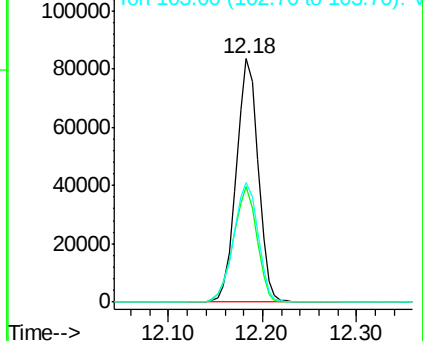


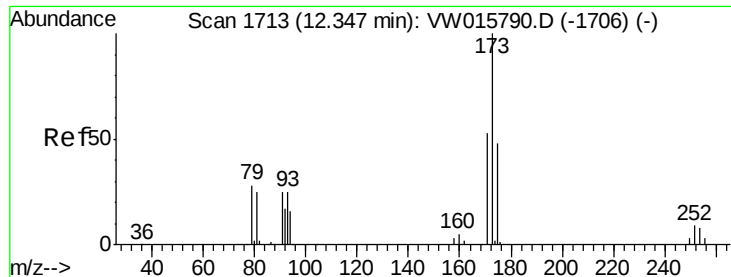
#70
Styrene
Concen: 21.200 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Tgt Ion:104 Resp: 135374
Ion Ratio Lower Upper
104 100
78 51.2 41.0 61.4
103 54.6 43.8 65.8



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





#71

Bromoform

Concen: 20.272 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBSD01

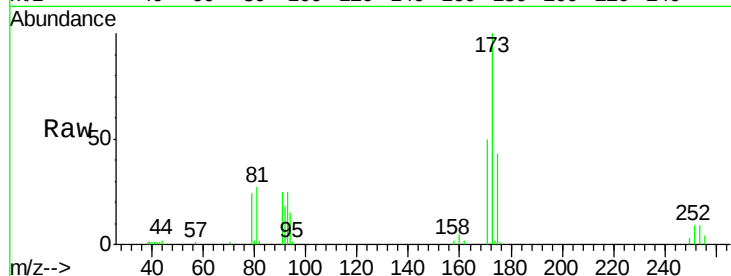
Tot Ion:173 Resp: 19137

Ion Ratio Lower Upper

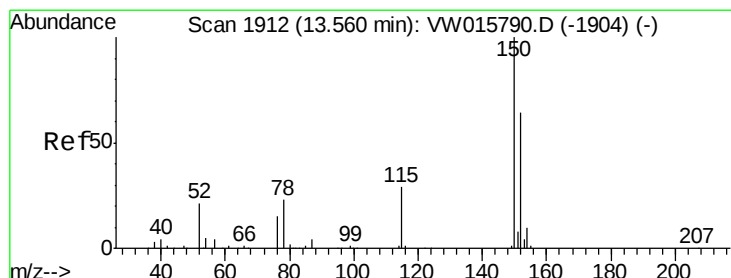
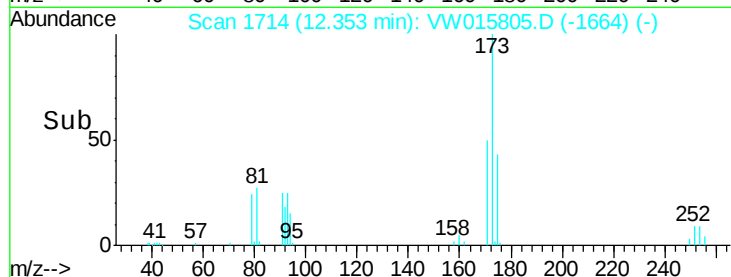
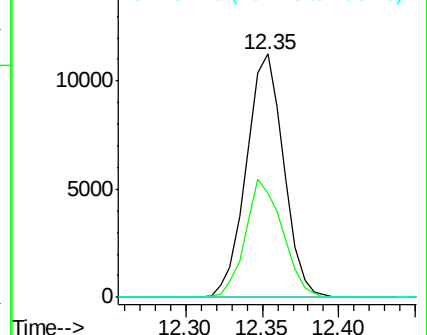
173 100

175 47.8 23.5 70.5

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

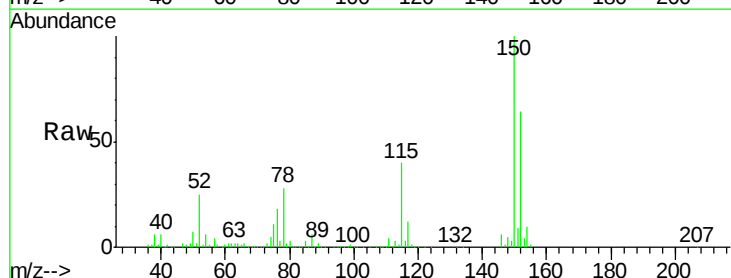
Tgt Ion:152 Resp: 153183

Ion Ratio Lower Upper

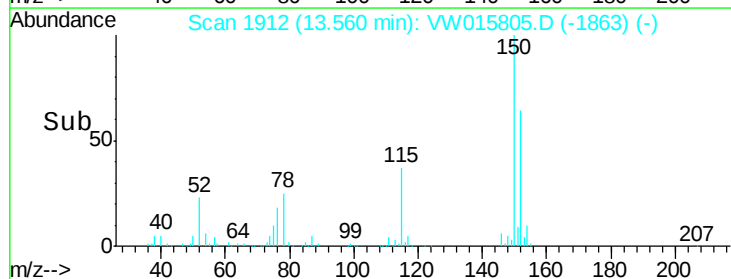
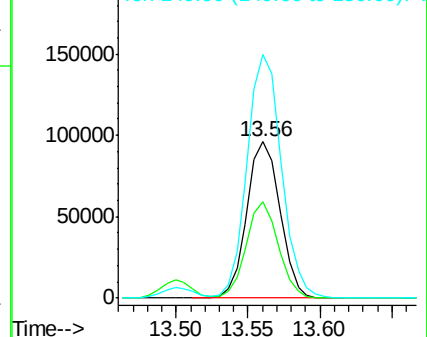
152 100

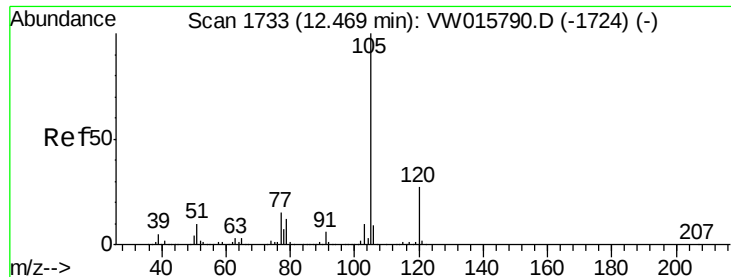
115 59.6 29.9 89.7

150 161.1 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: 20.605 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

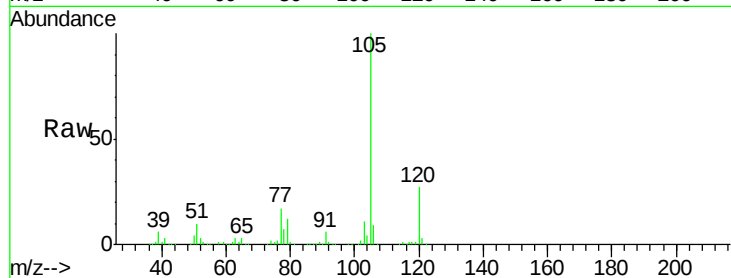
VW0708SBSD01

Tot Ion:105 Resp: 222364

Ion Ratio Lower Upper

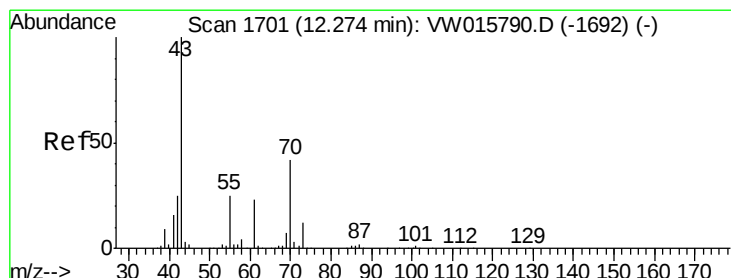
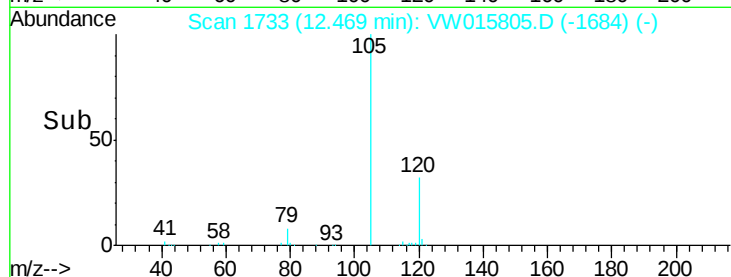
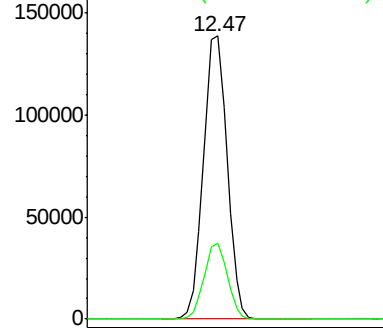
105 100

120 26.1 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.653 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Tgt Ion: 43 Resp: 47684

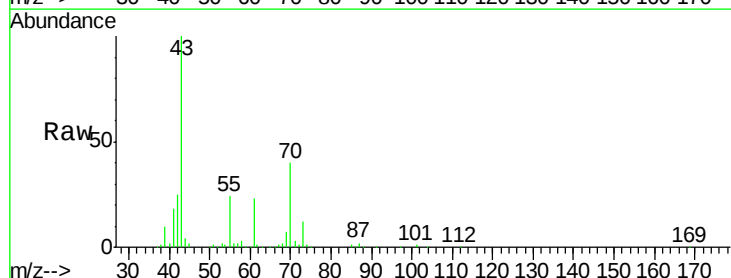
Ion Ratio Lower Upper

43 100

70 42.0 34.1 51.1

55 25.4 20.0 30.0

61 23.8 19.0 28.6

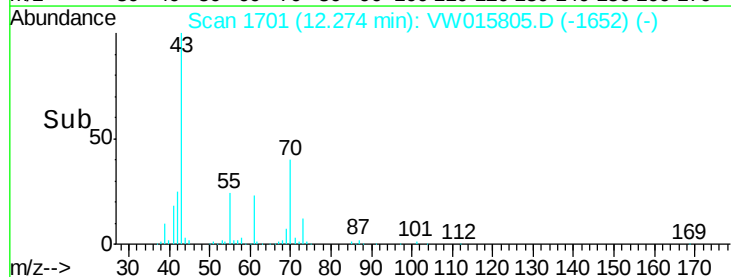
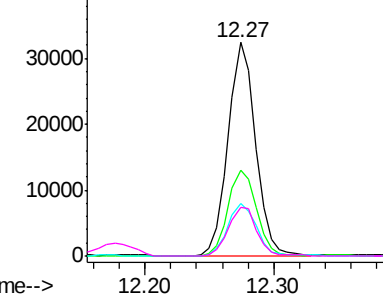


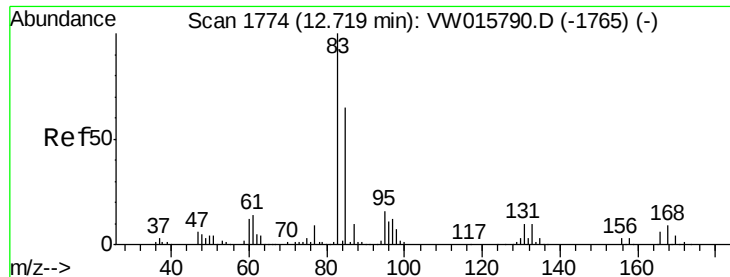
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 20.720 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBSD01

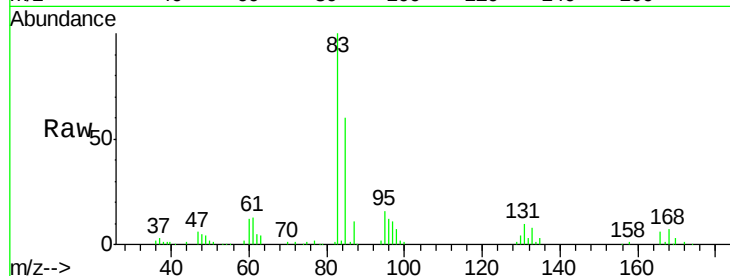
Tot Ion: 83 Resp: 37154

Ion Ratio Lower Upper

83 100

131 10.7 5.3 16.1

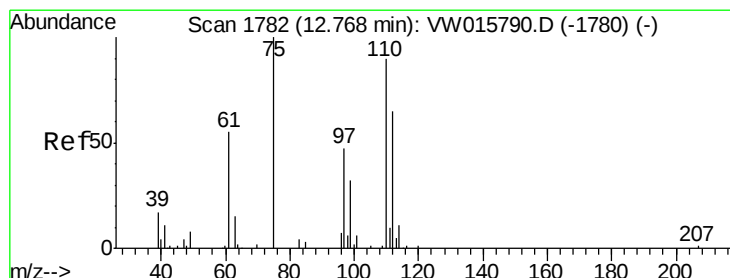
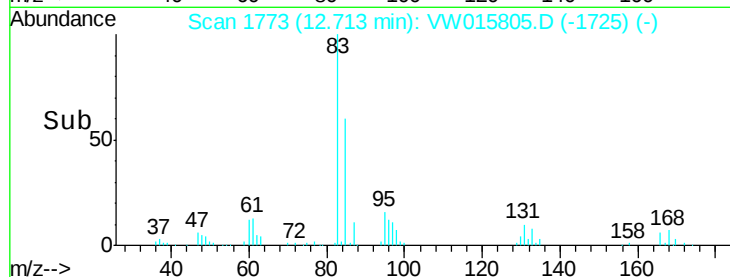
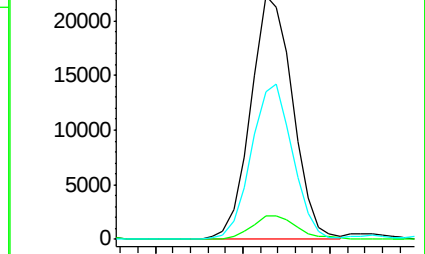
85 63.2 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 35.613 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015805.D

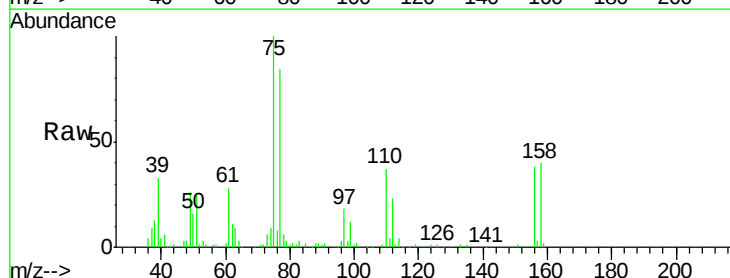
Acq: 08 Jul 2020 12:57

Tgt Ion: 75 Resp: 47945

Ion Ratio Lower Upper

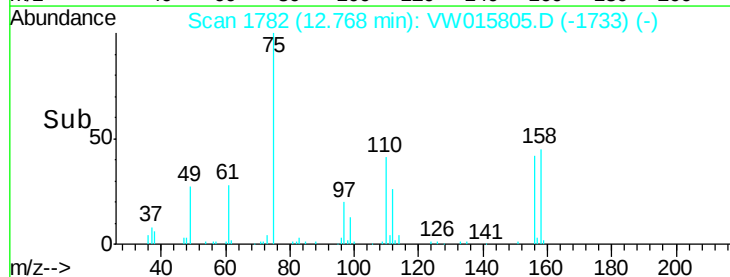
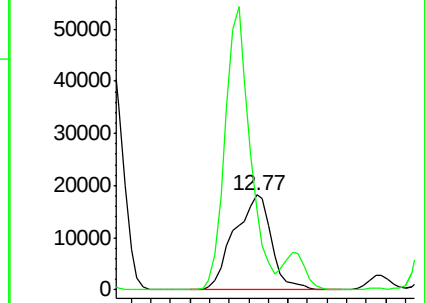
75 100

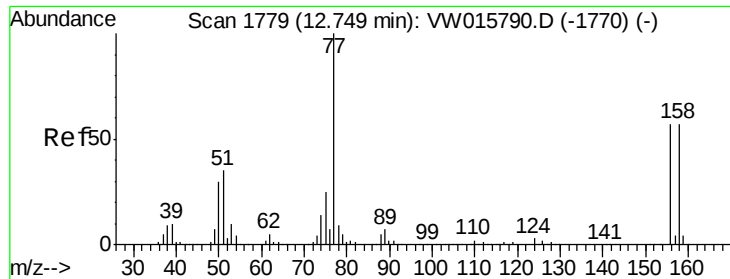
77 201.6 177.3 532.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.035 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBSD01

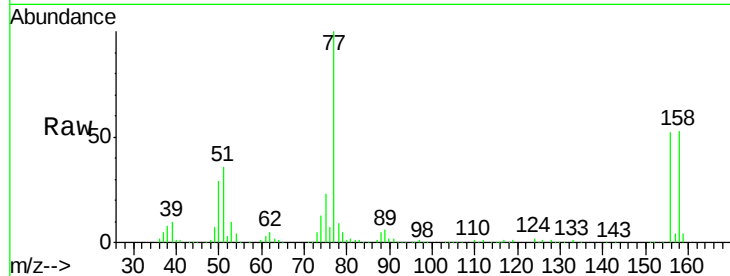
Tot Ion:156 Resp: 48480

Ion Ratio Lower Upper

156 100

77 199.4 98.8 296.4

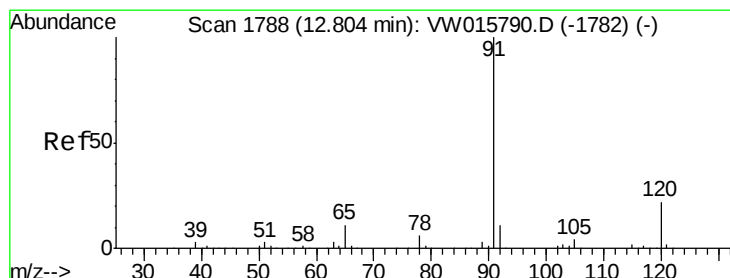
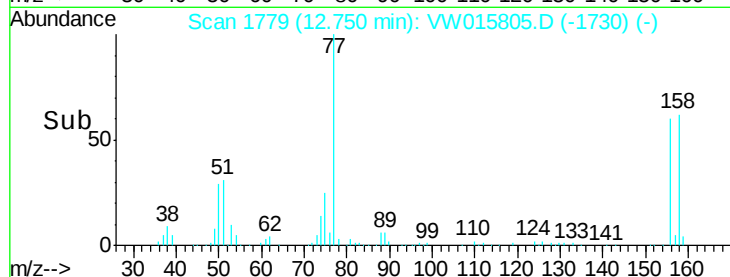
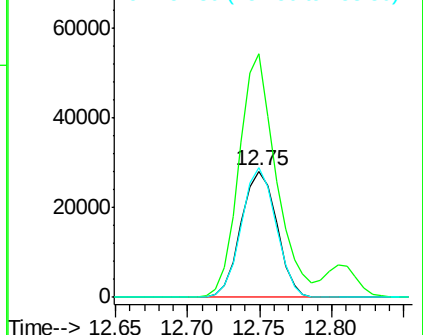
158 99.3 50.0 149.8



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: 20.976 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015805.D

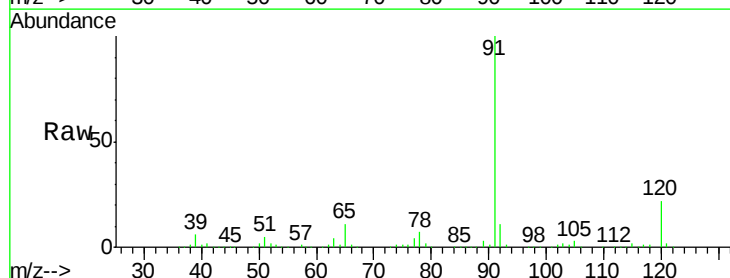
Acq: 08 Jul 2020 12:57

Tgt Ion: 91 Resp: 274755

Ion Ratio Lower Upper

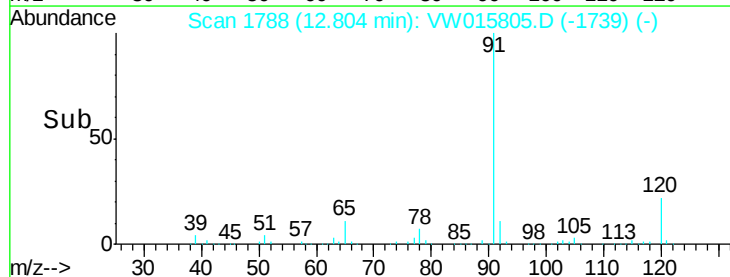
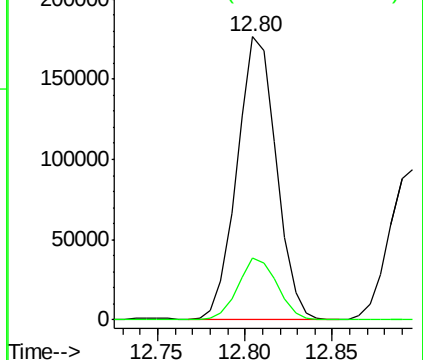
91 100

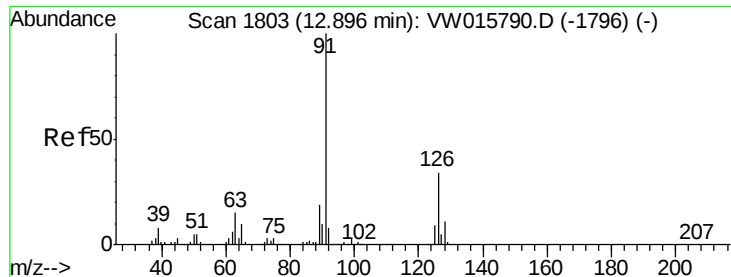
120 21.9 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.484 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

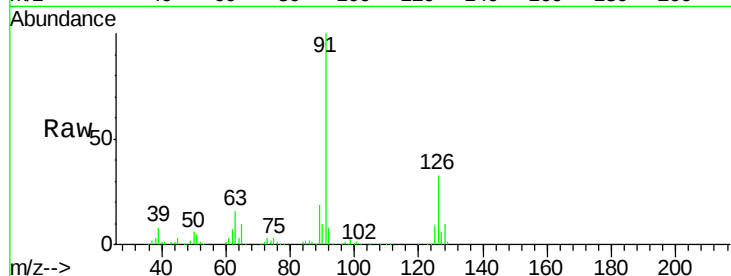
VW0708SBSD01

Tot Ion: 91 Resp: 153015

Ion Ratio Lower Upper

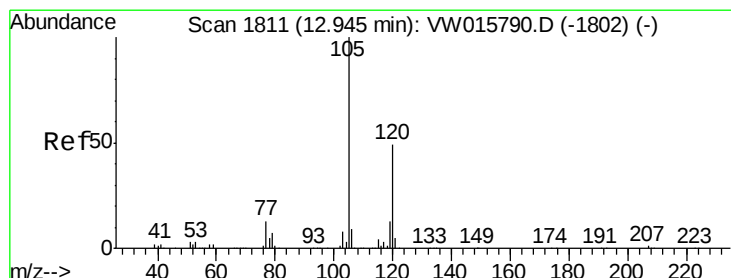
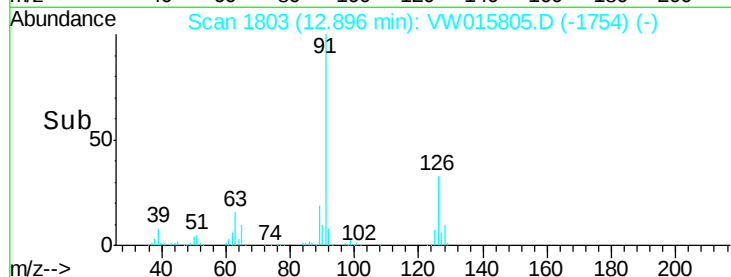
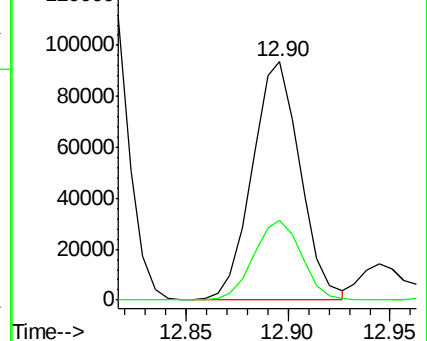
91 100

126 33.1 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.058 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW015805.D

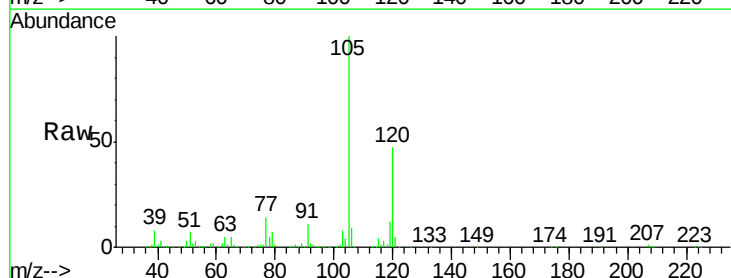
Acq: 08 Jul 2020 12:57

Tgt Ion:105 Resp: 193683

Ion Ratio Lower Upper

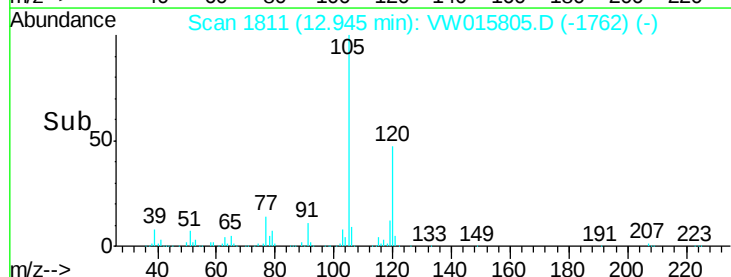
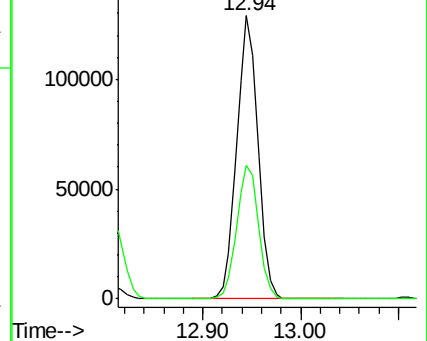
105 100

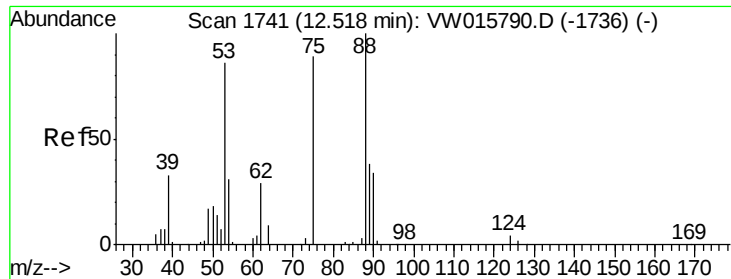
120 48.6 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 20.021 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.01 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBS01

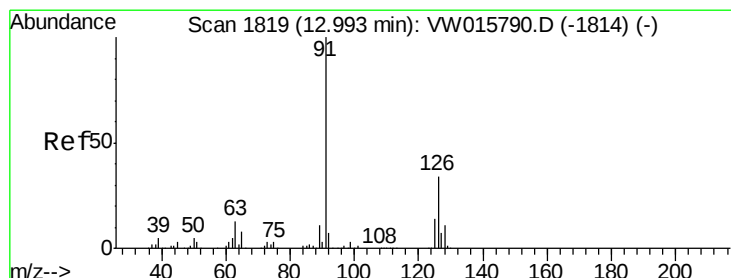
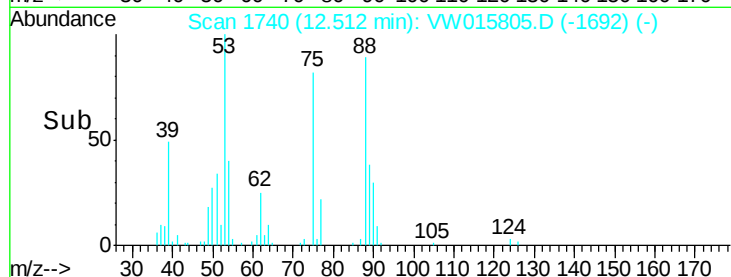
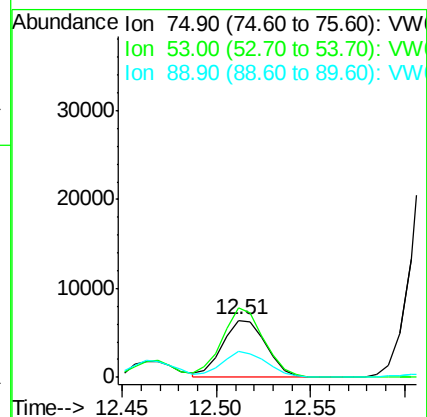
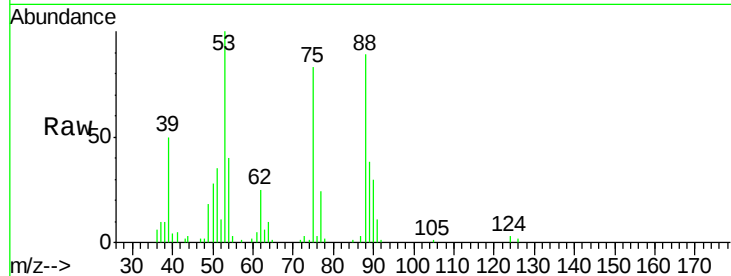
Tot Ion: 75 Resp: 10457

Ion Ratio Lower Upper

75 100

53 114.2 85.9 128.9

89 46.2 36.2 54.4



#82

4-Chlorotoluene

Concen: 20.979 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW015805.D

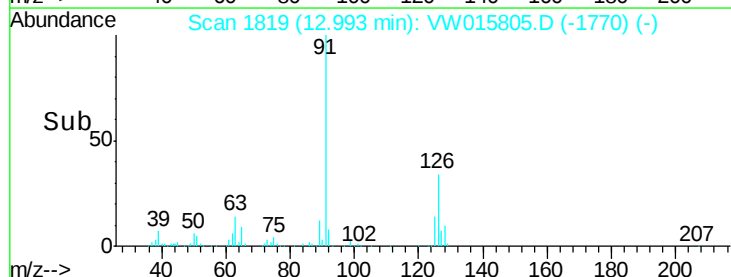
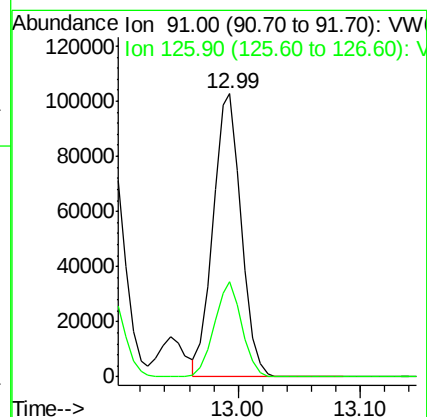
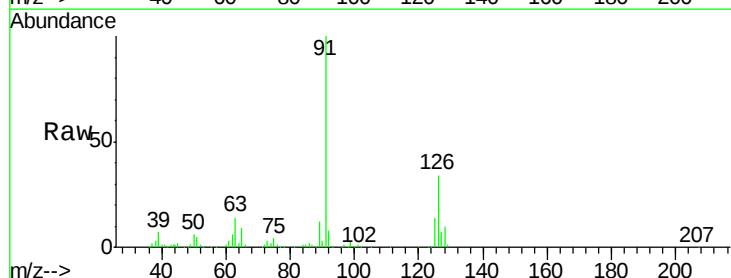
Acq: 08 Jul 2020 12:57

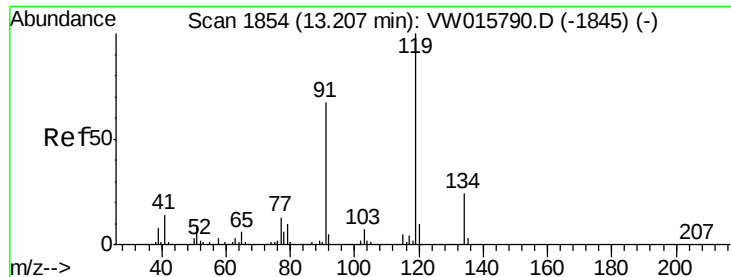
Tgt Ion: 91 Resp: 163649

Ion Ratio Lower Upper

91 100

126 33.1 16.3 48.9

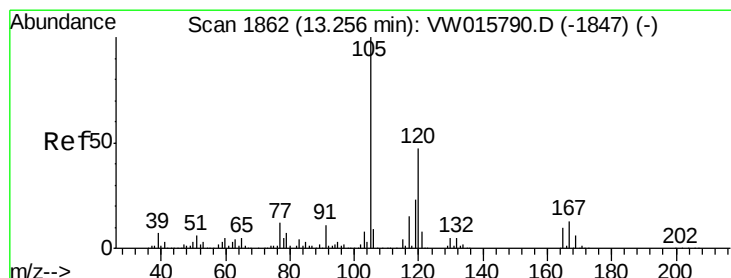
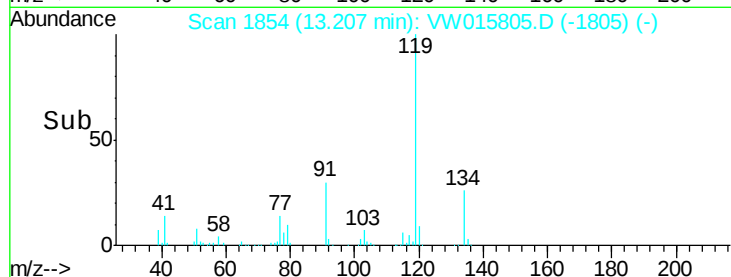
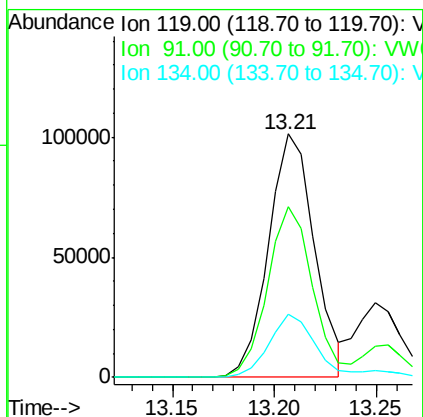
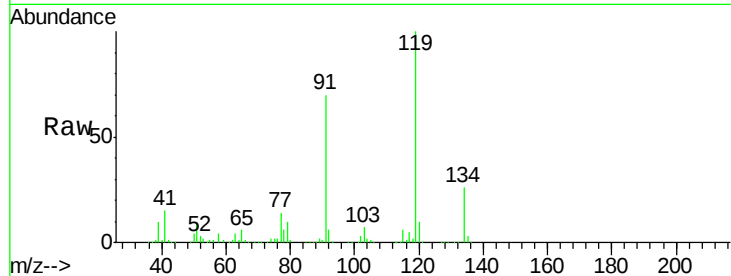




#83
tert-Butylbenzene
Concen: 20.866 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

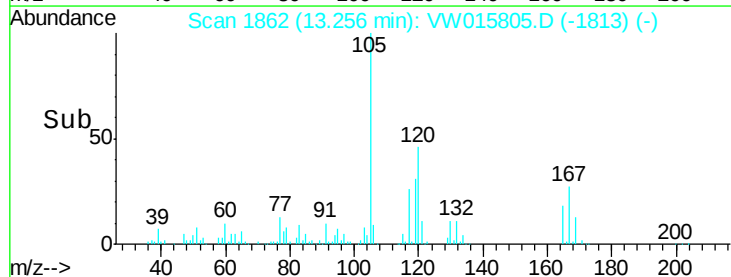
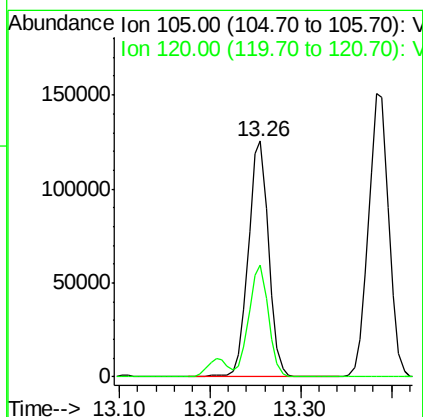
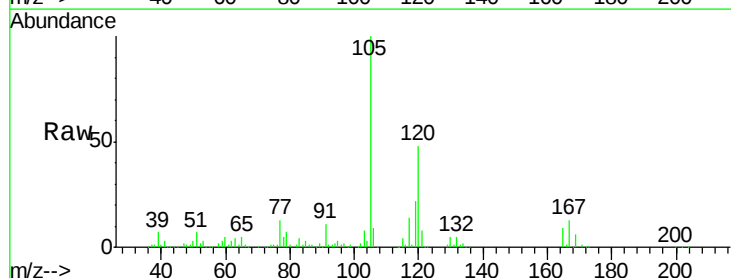
Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

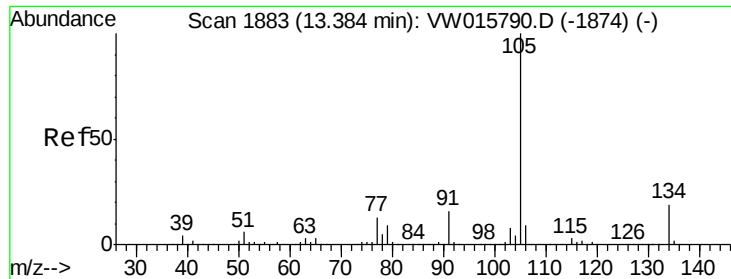
Tot Ion:119 Resp: 159332
Ion Ratio Lower Upper
119 100
91 69.3 34.4 103.3
134 27.8 13.6 40.7



#84
1,2,4-Trimethylbenzene
Concen: 21.154 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Tgt Ion:105 Resp: 194310
Ion Ratio Lower Upper
105 100
120 45.7 22.8 68.4

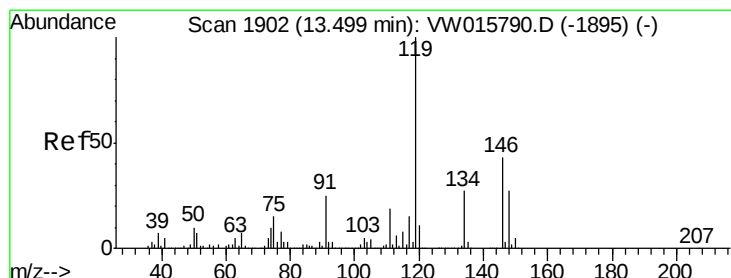
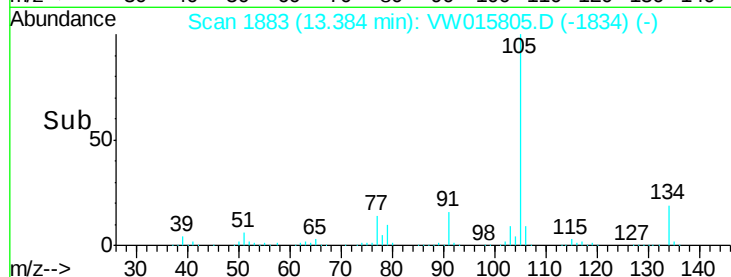
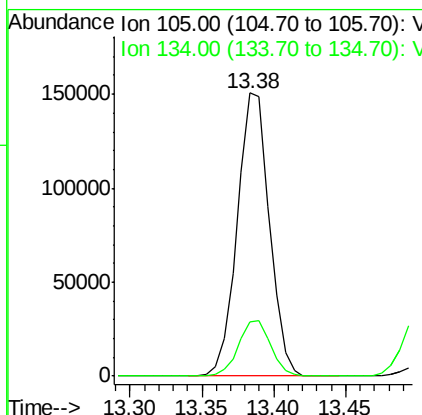
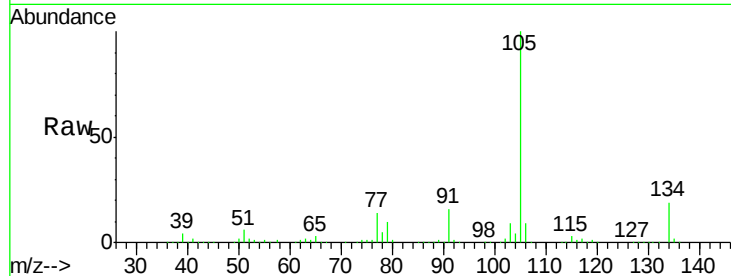




#85
 sec-Butylbenzene
 Concen: 21.179 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015805.D
 Acq: 08 Jul 2020 12:57

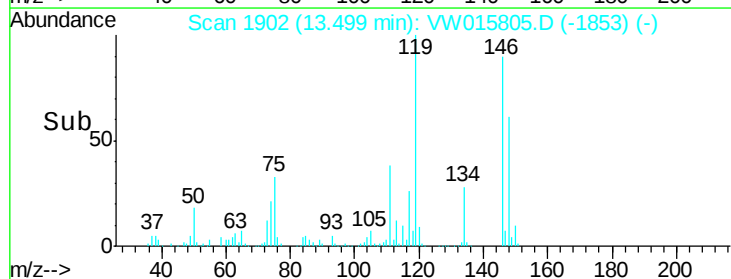
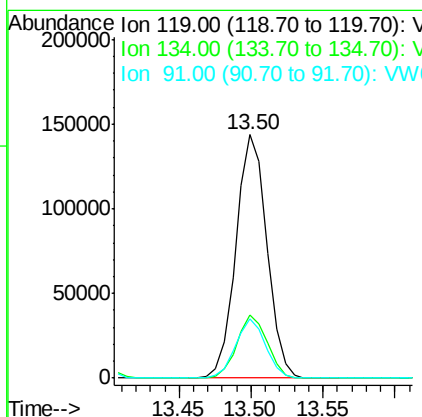
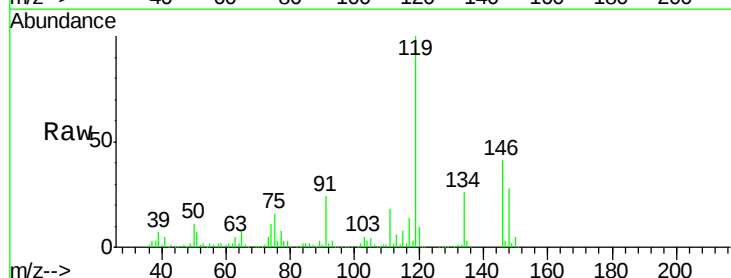
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

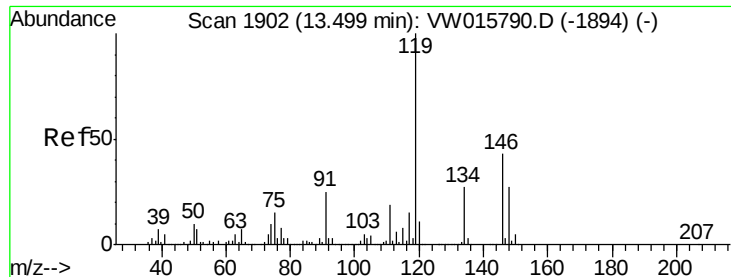
Tot Ion:105 Resp: 233556
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 21.241 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015805.D
 Acq: 08 Jul 2020 12:57

Tgt Ion:119 Resp: 213900
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.2 39.6
 91 23.7 12.2 36.6

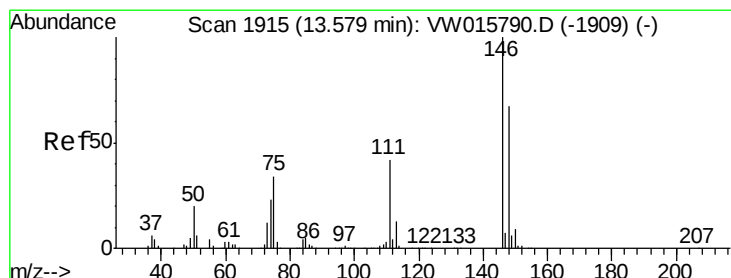
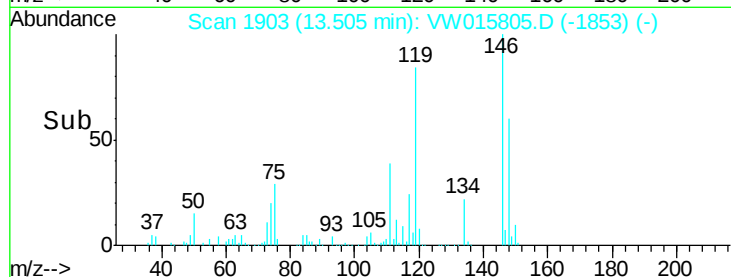
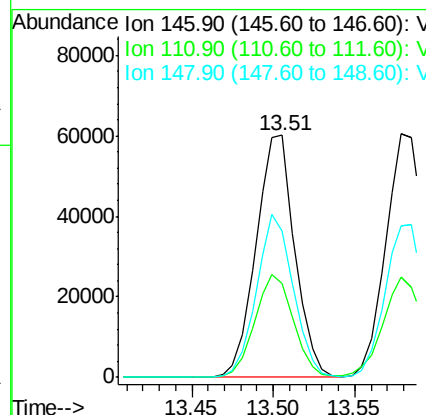
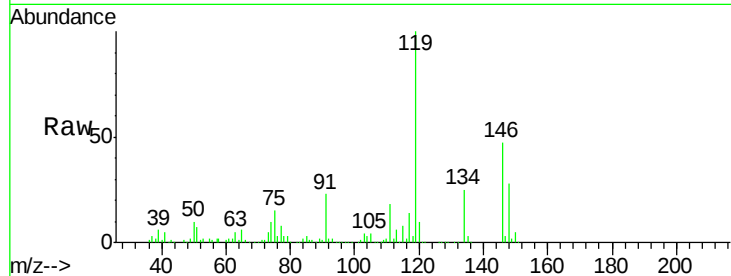




#87
 1,3-Dichlorobenzene
 Concen: 20.382 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW015805.D
 Acq: 08 Jul 2020 12:57

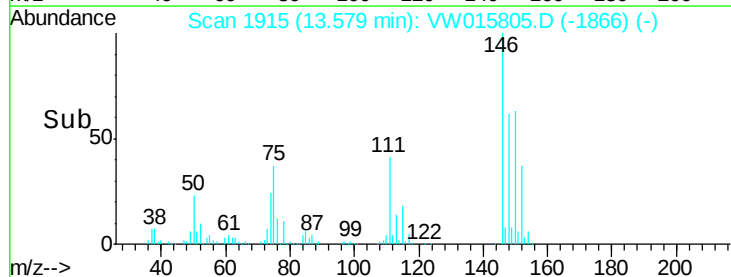
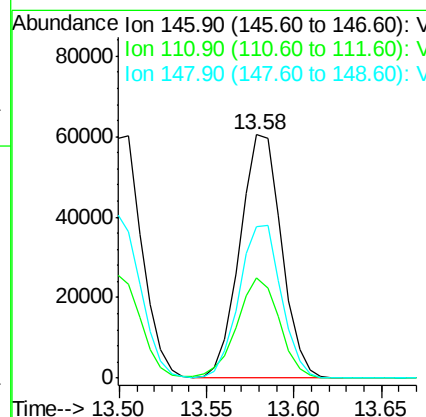
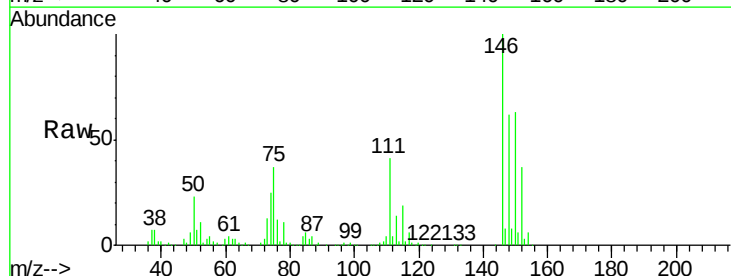
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

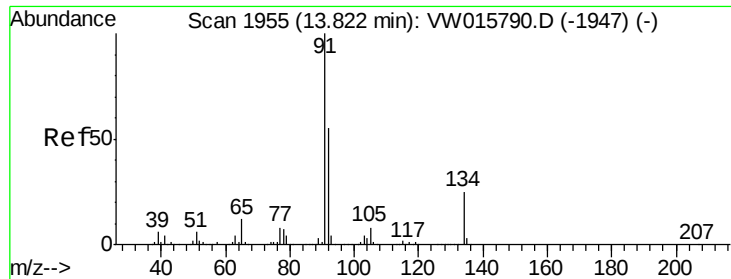
Tot Ion:146 Resp: 98862
 Ion Ratio Lower Upper
 146 100
 111 42.2 20.8 62.4
 148 63.9 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 21.127 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015805.D
 Acq: 08 Jul 2020 12:57

Tgt Ion:146 Resp: 100323
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.2 60.6
 148 63.7 31.8 95.4





#89

n-Butylbenzene

Concen: 21.226 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBS01

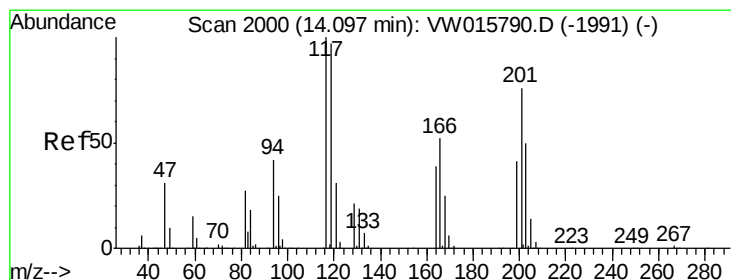
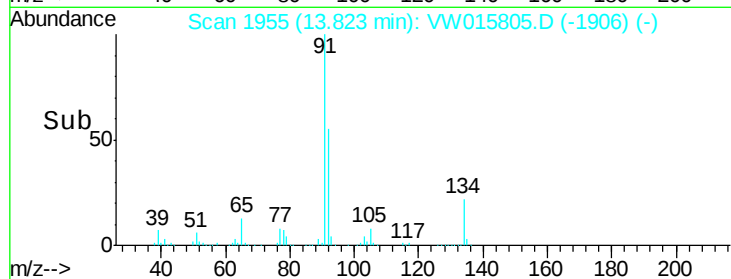
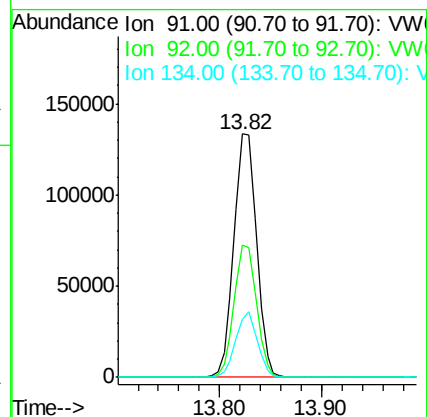
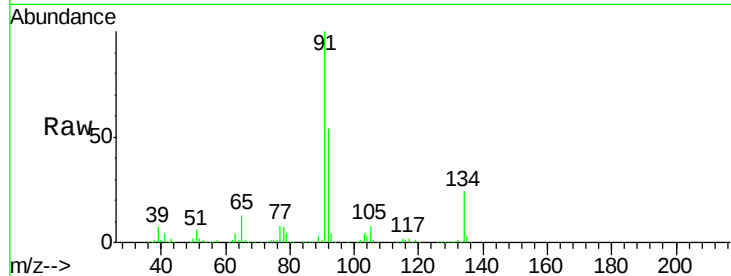
Tot Ion: 91 Resp: 204554

Ion Ratio Lower Upper

91 100

92 53.7 27.2 81.6

134 25.3 12.7 38.1



#90

Hexachloroethane

Concen: 20.652 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW015805.D

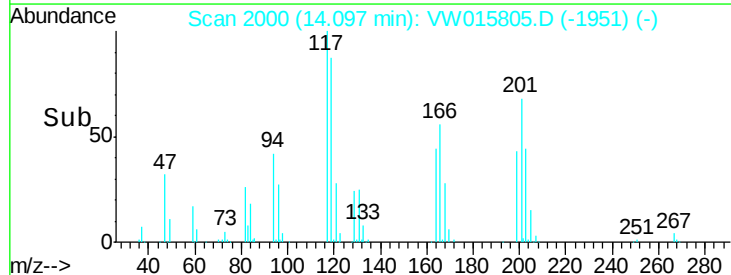
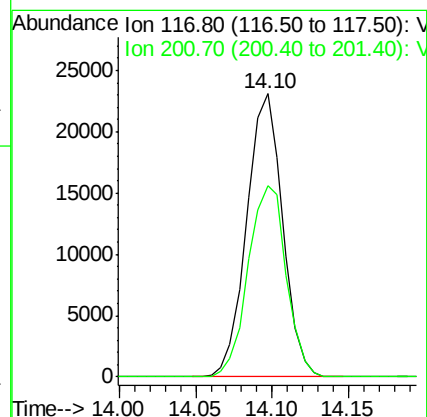
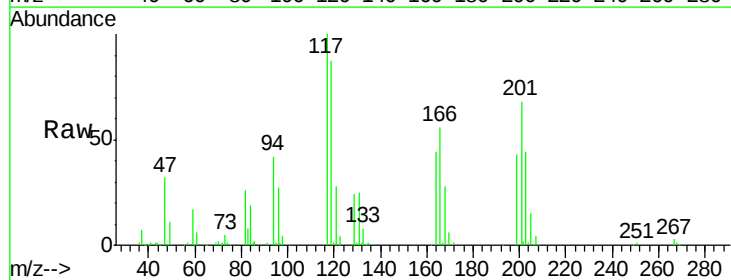
Acq: 08 Jul 2020 12:57

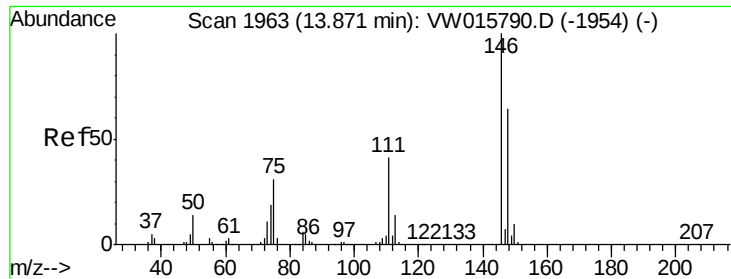
Tgt Ion: 117 Resp: 37694

Ion Ratio Lower Upper

117 100

201 71.8 37.1 111.3





#91

1,2-Dichlorobenzene

Concen: 21.197 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBS01

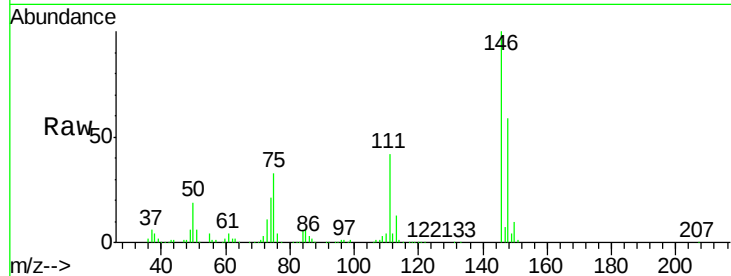
Tot Ion:146 Resp: 89076

Ion Ratio Lower Upper

146 100

111 42.3 20.6 61.9

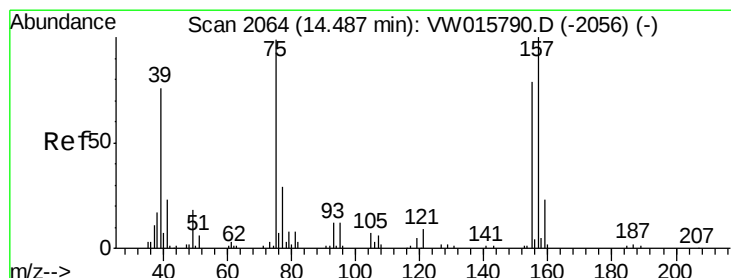
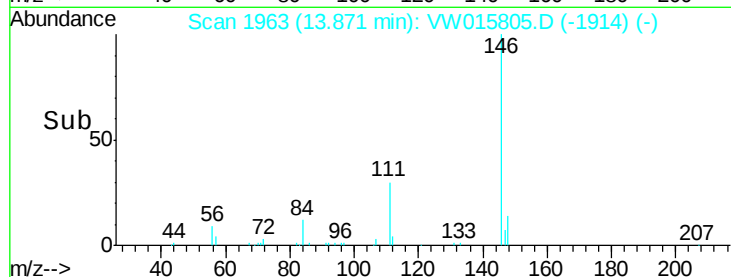
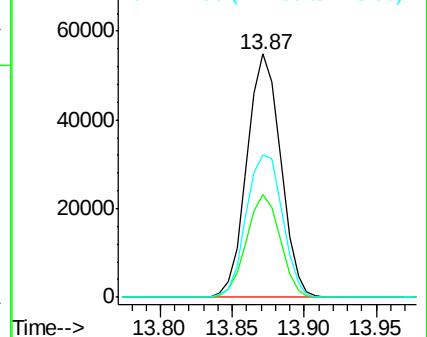
148 62.9 31.8 95.4



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: 21.096 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

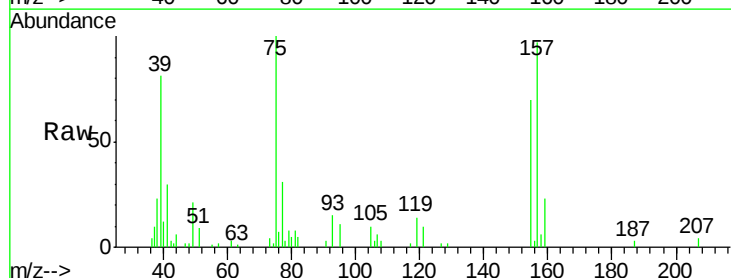
Tgt Ion: 75 Resp: 6044

Ion Ratio Lower Upper

75 100

155 72.3 39.1 117.5

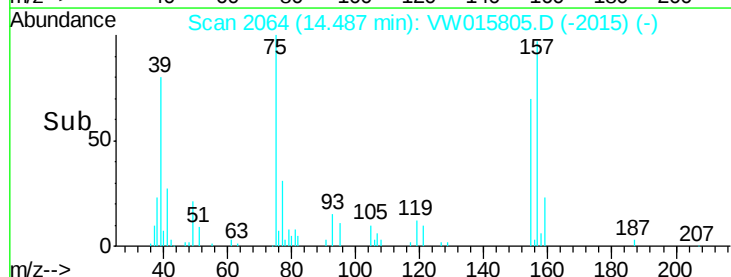
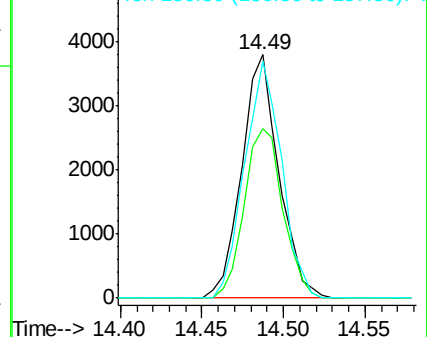
157 96.6 49.1 147.4

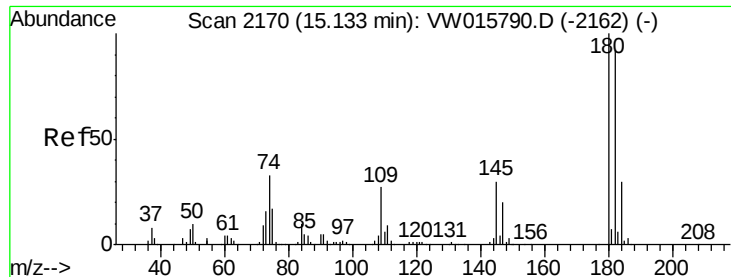


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

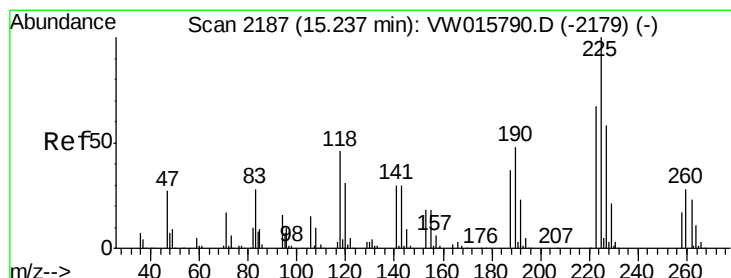
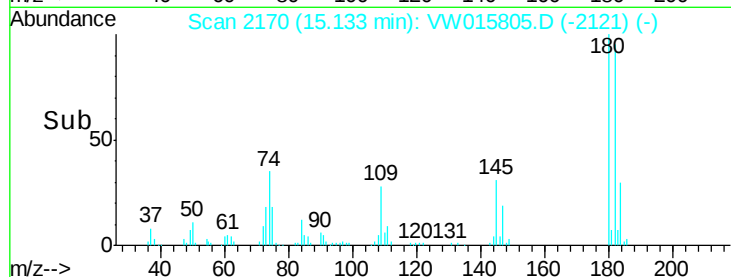
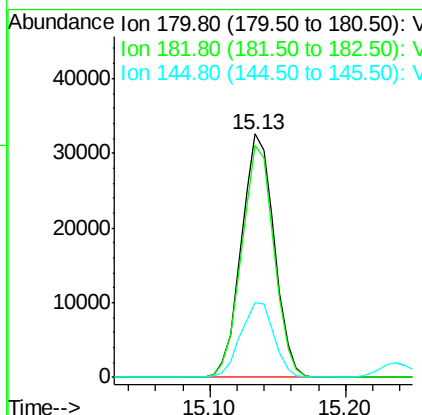
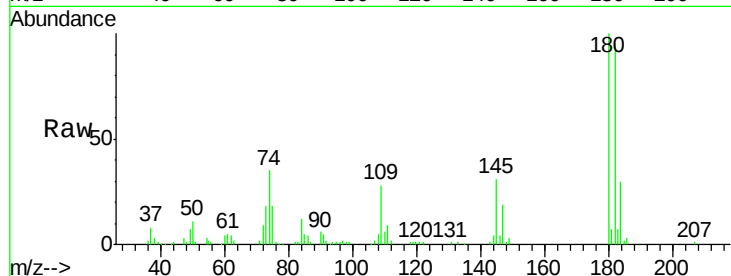




#93
1,2,4-Trichlorobenzene
Concen: 20.738 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

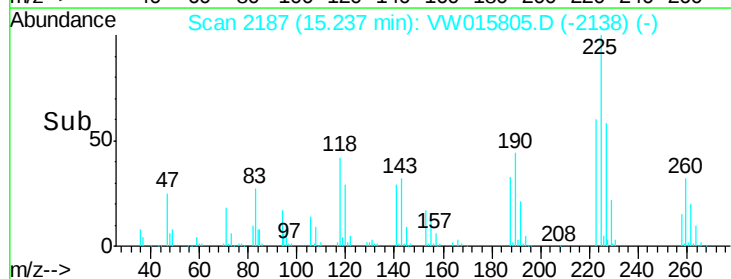
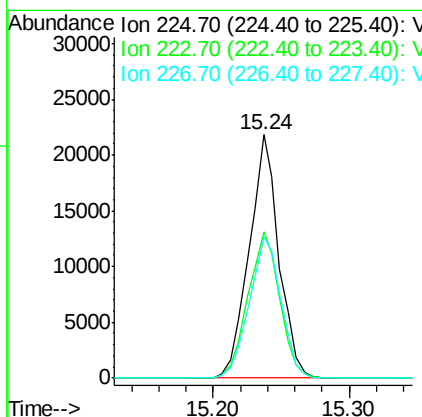
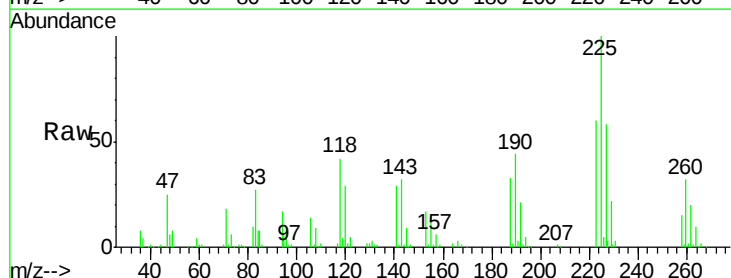
Instrument :
MSVOA_W
ClientSampleId :
VW0708SBSD01

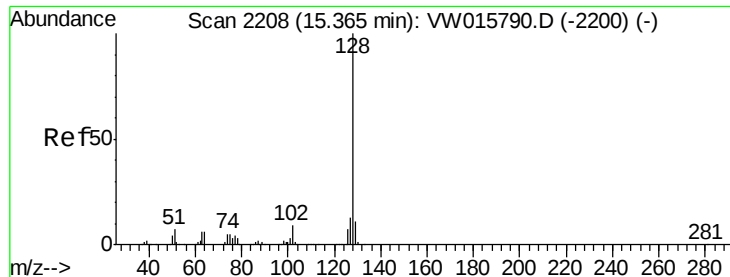
Tot Ion:180 Resp: 54943
Ion Ratio Lower Upper
180 100
182 94.1 46.8 140.3
145 31.4 15.4 46.4



#94
Hexachlorobutadiene
Concen: 19.859 ug/l
RT: 15.24 min Scan# 2187
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Tgt Ion:225 Resp: 33406
Ion Ratio Lower Upper
225 100
223 64.1 32.4 97.2
227 61.9 30.7 92.1

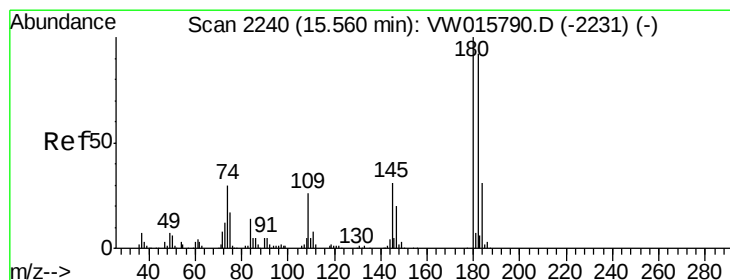
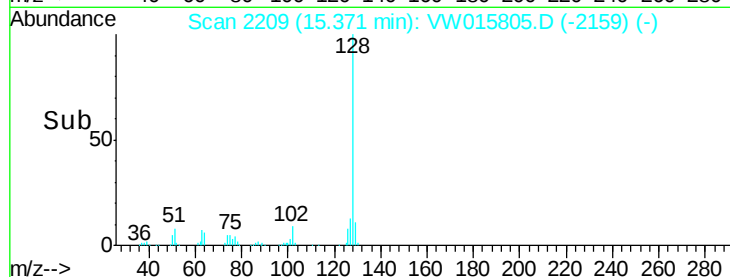
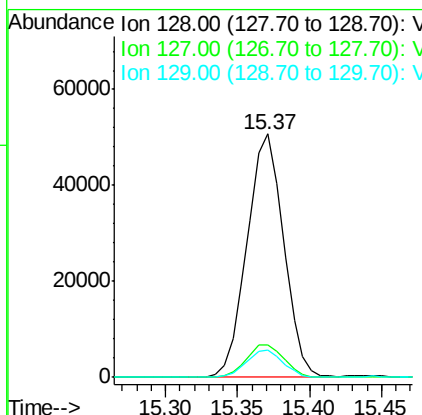
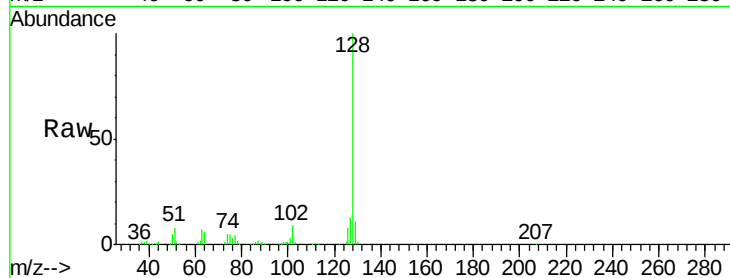




#95
Naphthalene
Concen: 19.818 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Instrument :
MSVOA_W
ClientSampleId :
VW0708SBSD01

Tot Ion:128 Resp: 89174
Ion Ratio Lower Upper
128 100
127 13.9 10.6 16.0
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.762 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Tgt Ion:180 Resp: 46805
Ion Ratio Lower Upper
180 100
182 93.7 47.7 143.1
145 32.0 16.7 50.0

