

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053023\
 Data File : VU054326.D
 Acq On : 30 May 2023 20:06
 Operator : JC/MD
 Sample : 02912-02MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GM38-RW3-MW1-20230523MS

Quant Time: May 31 06:31:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 26 06:40:51 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.369	168	182427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.244	114	322103	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.411	117	312750	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	166575	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	137443	57.473	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	114.940%
35) Dibromofluoromethane	5.282	113	108852	52.477	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.960%
50) Toluene-d8	7.893	98	404284	51.241	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.480%
62) 4-Bromofluorobenzene	10.626	95	150148	49.080	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.160%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	108078	53.070	ug/l	98
3) Chloromethane	1.520	50	148710	55.768	ug/l	99
4) Vinyl Chloride	1.604	62	143488	56.397	ug/l	99
5) Bromomethane	1.848	94	62083	44.081	ug/l	100
6) Chloroethane	1.922	64	88967	72.510	ug/l	96
7) Trichlorofluoromethane	2.131	101	186290	53.222	ug/l	100
8) Diethyl Ether	2.372	74	75507	58.270	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.575	101	98200	51.817	ug/l	96
10) Methyl Iodide	2.720	142	112807	49.705	ug/l	95
11) Tert butyl alcohol	3.192	59	96836	149.907	ug/l #	49
12) 1,1-Dichloroethene	2.575	96	104776	53.395	ug/l	94
13) Acrolein	2.482	56	108282	161.130	ug/l	99
14) Allyl chloride	2.916	41	149868	44.049	ug/l #	85
15) Acrylonitrile	3.308	53	430163	297.007	ug/l	99
16) Acetone	2.626	43	370849	270.537	ug/l	98
17) Carbon Disulfide	2.787	76	283569	48.898	ug/l	99
18) Methyl Acetate	2.945	43	136356	27.243	ug/l	95
19) Methyl tert-butyl Ether	3.359	73	367249	57.175	ug/l	98
20) Methylene Chloride	3.041	84	131966	53.363	ug/l	95
21) trans-1,2-Dichloroethene	3.346	96	112653	53.623	ug/l	98
22) Diisopropyl ether	3.986	45	360711	59.816	ug/l #	62
23) Vinyl Acetate	3.951	43	537679	122.192	ug/l	98
24) 1,1-Dichloroethane	3.861	63	219810	56.926	ug/l	98
25) 2-Butanone	4.694	43	541699	298.469	ug/l	97
26) 2,2-Dichloropropane	4.658	77	17554	5.202	ug/l #	48
27) cis-1,2-Dichloroethene	4.662	96	129897	55.582	ug/l	95
28) Bromochloromethane	4.967	49	109037	61.022	ug/l	86
29) Tetrahydrofuran	5.044	42	348552	305.526	ug/l	93
30) Chloroform	5.083	83	224754	57.260	ug/l	100
31) Cyclohexane	5.382	56	178214	52.777	ug/l	93
32) 1,1,1-Trichloroethane	5.311	97	188701	55.375	ug/l	99
36) 1,1-Dichloropropene	5.520	75	151021	46.354	ug/l	98
37) Ethyl Acetate	4.800	43	100409	25.288	ug/l	99
38) Carbon Tetrachloride	5.517	117	163123	48.917	ug/l	100
39) Methylcyclohexane	6.758	83	159944	43.343	ug/l	92
40) Benzene	5.768	78	474216	51.029	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.964	41	103797	56.563	ug/l	91
42) 1,2-Dichloroethane	5.787	62	171150	50.698	ug/l	99
43) Isopropyl Acetate	5.906	43	177513	32.412	ug/l	98
44) Trichloroethene	6.536	130	168218	64.755	ug/l	94
45) 1,2-Dichloropropane	6.784	63	128165	52.867	ug/l	100
46) Dibromomethane	6.912	93	91486	51.267	ug/l	95
47) Bromodichloromethane	7.099	83	170653	51.135	ug/l	100
48) Methyl methacrylate	6.954	41	131243	54.036	ug/l	93
49) 1,4-Dioxane	6.977	88	87302	1245.074	ug/l #	1
51) 4-Methyl-2-Pentanone	7.784	43	991297	271.225	ug/l	99
52) Toluene	7.964	92	292864	49.424	ug/l	100
53) t-1,3-Dichloropropene	8.205	75	131050	34.323	ug/l	99
54) cis-1,3-Dichloropropene	7.600	75	136939	34.367	ug/l	98
55) 1,1,2-Trichloroethane	8.395	97	126891	51.672	ug/l	99
56) Ethyl methacrylate	8.327	69	186999	51.157	ug/l	96
57) 1,3-Dichloropropane	8.568	76	214500	50.721	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.604	63	912	3.891	ug/l #	46
59) 2-Hexanone	8.677	43	774245	268.166	ug/l	99
60) Dibromochloromethane	8.803	129	130243	52.202	ug/l	100
61) 1,2-Dibromoethane	8.919	107	138180	51.702	ug/l	99
64) Tetrachloroethene	8.549	164	115793	49.193	ug/l	96
65) Chlorobenzene	9.443	112	312626	47.816	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.526	131	119519	50.390	ug/l	98
67) Ethyl Benzene	9.565	91	542110	48.498	ug/l	98
68) m/p-Xylenes	9.687	106	421616	99.508	ug/l	94
69) o-Xylene	10.095	106	204105	49.763	ug/l	90
70) Styrene	10.108	104	341230	50.167	ug/l	97
71) Bromoform	10.285	173	103860	50.389	ug/l #	100
73) Isopropylbenzene	10.478	105	525472	50.937	ug/l	97
74) N-amyl acetate	10.314	43	93549	21.356	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.777	83	219899	52.679	ug/l	100
76) 1,2,3-Trichloropropane	10.816	75	210945	43.390	ug/l	98
77) Bromobenzene	10.777	156	139352	49.190	ug/l	91
78) n-propylbenzene	10.899	91	618805	48.966	ug/l	98
79) 2-Chlorotoluene	10.980	91	380823	49.774	ug/l	95
80) 1,3,5-Trimethylbenzene	11.083	105	445978	50.835	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.539	75	29394	23.023	ug/l	97
82) 4-Chlorotoluene	11.092	91	439479	48.956	ug/l	96
83) tert-Butylbenzene	11.414	119	436606	49.768	ug/l	95
84) 1,2,4-Trimethylbenzene	11.462	105	442040	50.646	ug/l	98
85) sec-Butylbenzene	11.639	105	536963	48.237	ug/l	99
86) p-Isopropyltoluene	11.787	119	432712	46.216	ug/l	98
87) 1,3-Dichlorobenzene	11.742	146	257774	46.994	ug/l	98
88) 1,4-Dichlorobenzene	11.832	146	256697	44.796	ug/l	98
89) n-Butylbenzene	12.205	91	355562	40.344	ug/l	98
90) Hexachloroethane	12.468	117	80529	48.618	ug/l	94
91) 1,2-Dichlorobenzene	12.208	146	262853	48.711	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.989	75	53189	55.871	ug/l	90
93) 1,2,4-Trichlorobenzene	13.835	180	166897	43.772	ug/l	99
94) Hexachlorobutadiene	14.015	225	68034	38.507	ug/l	100
95) Naphthalene	14.079	128	587236	47.757	ug/l	100
96) 1,2,3-Trichlorobenzene	14.324	180	175621	46.357	ug/l	98

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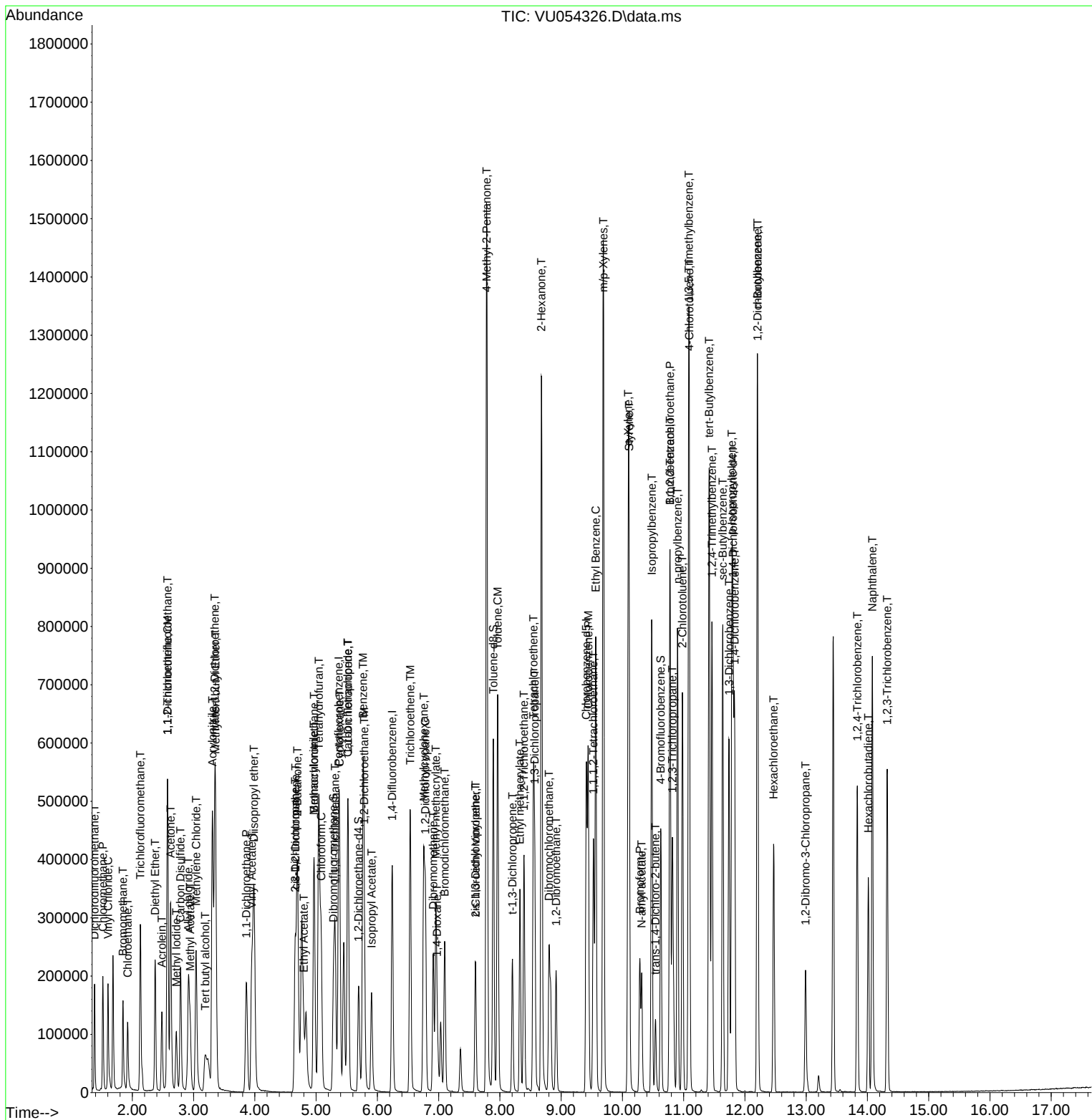
Instrument :
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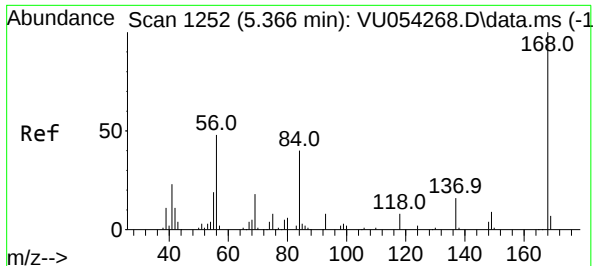
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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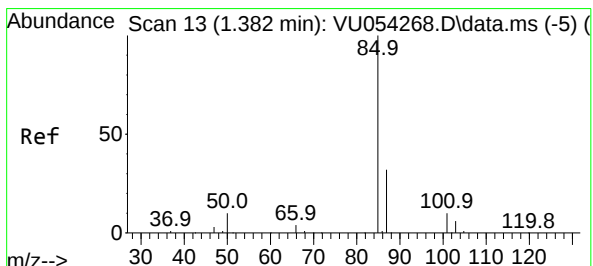
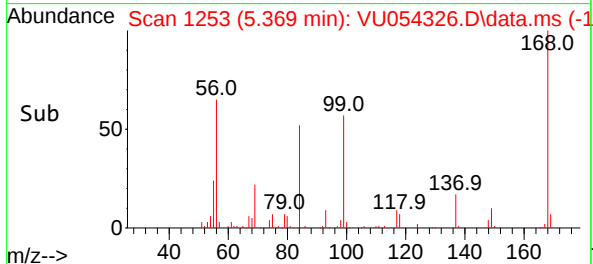
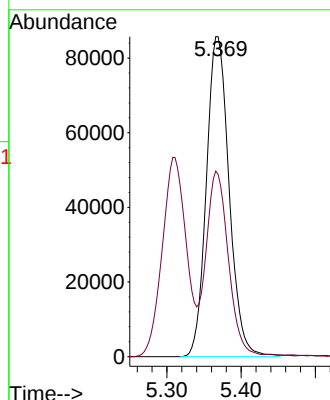
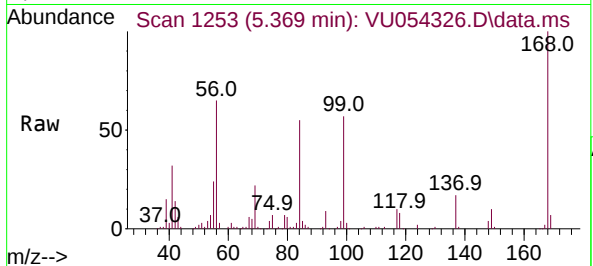




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054326.D
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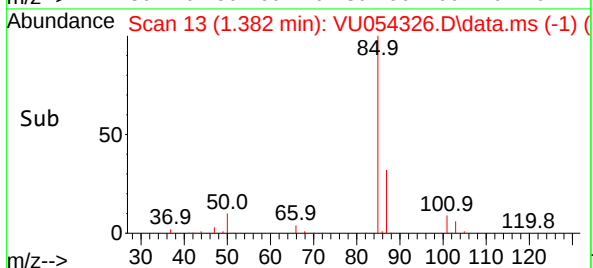
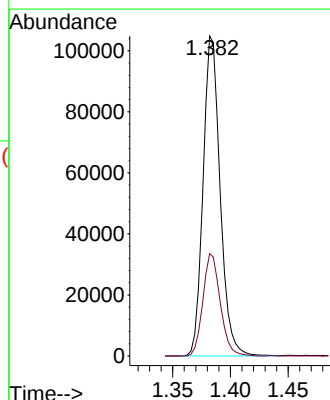
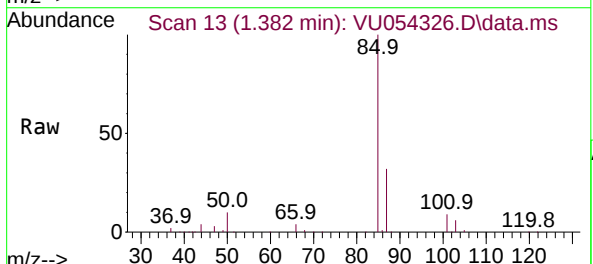
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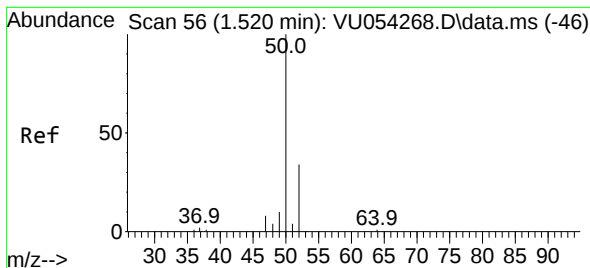
Tgt Ion:168 Resp: 182427
Ion Ratio Lower Upper
168 100
99 56.4 39.3 58.9



#2
Dichlorodifluoromethane
Concen: 53.070 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.000 min
Lab File: VU054326.D
Acq: 30 May 2023 20:06

Tgt Ion: 85 Resp: 108078
Ion Ratio Lower Upper
85 100
87 31.9 16.4 49.2





#3

Chloromethane

Concen: 55.768 ug/l

RT: 1.520 min Scan# 50

Delta R.T. 0.000 min

Lab File: VU054326.D

Acq: 30 May 2023 20:06

Instrument :

MSVOA_U

ClientSampleId :

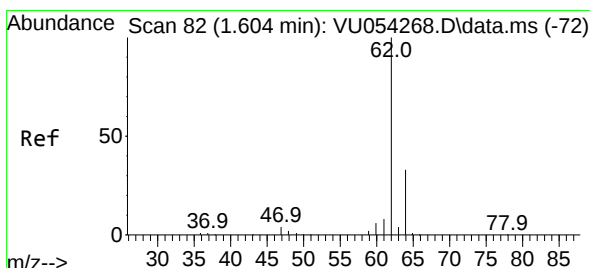
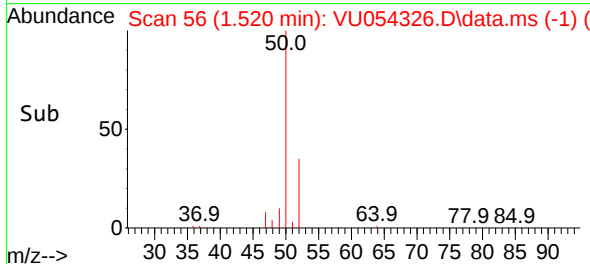
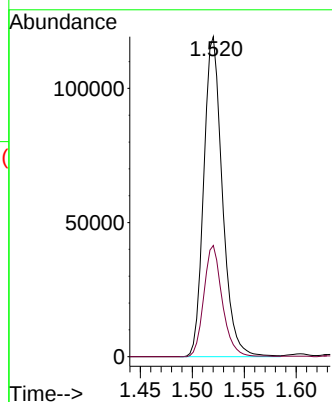
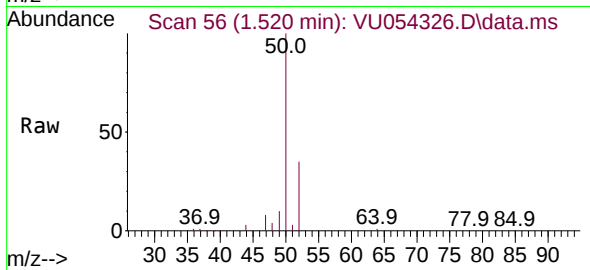
GM38-RW3-MW1-20230523MS

Tgt Ion: 50 Resp: 148710

Ion Ratio Lower Upper

50 100

52 34.8 27.4 41.2



#4

Vinyl Chloride

Concen: 56.397 ug/l

RT: 1.604 min Scan# 82

Delta R.T. -0.000 min

Lab File: VU054326.D

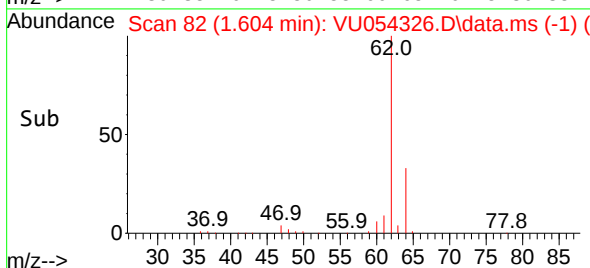
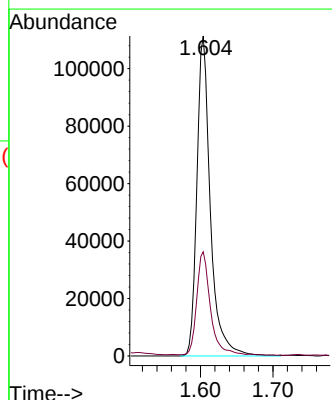
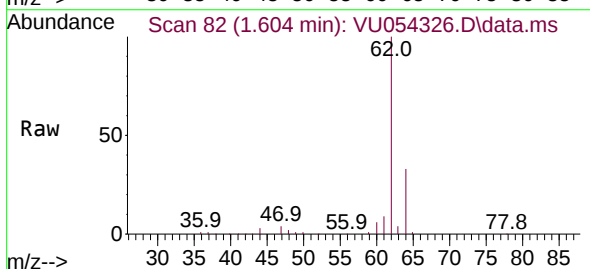
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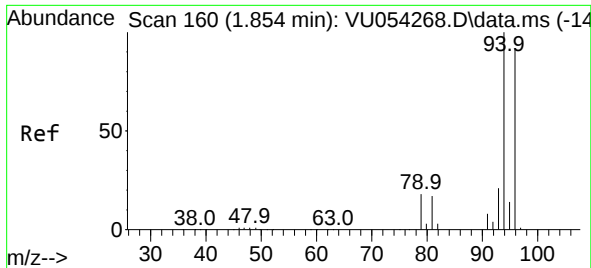
Tgt Ion: 62 Resp: 143488

Ion Ratio Lower Upper

62 100

64 32.2 25.3 37.9

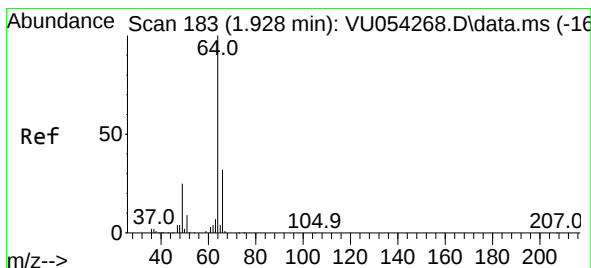
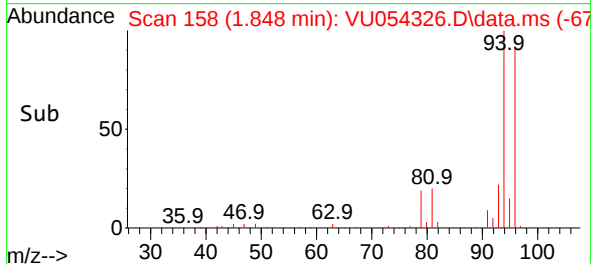
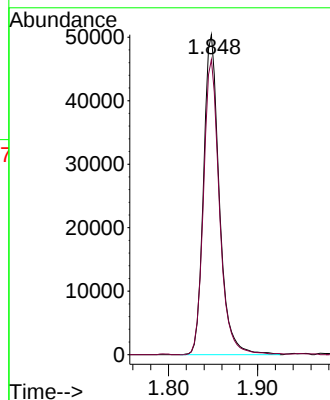
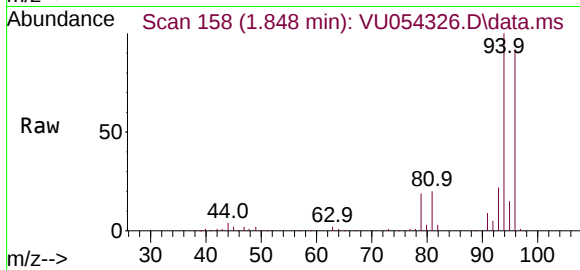




#5
Bromomethane
Concen: 44.081 ug/l
RT: 1.848 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU054326.D
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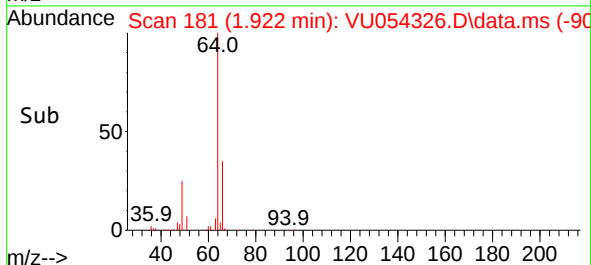
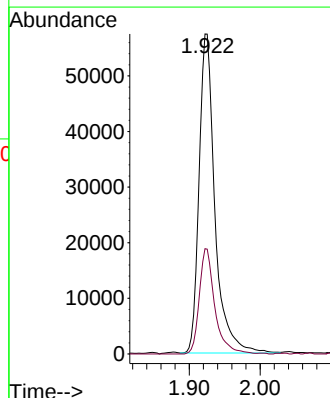
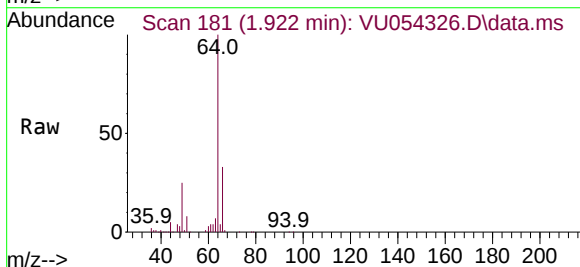
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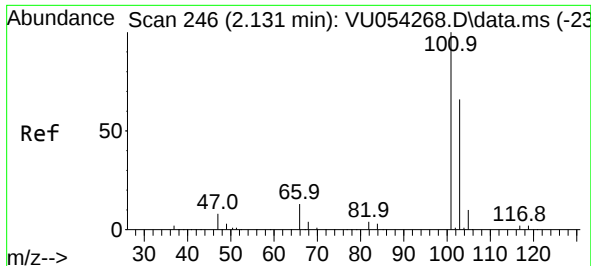
Tgt Ion: 94 Resp: 62083
Ion Ratio Lower Upper
94 100
96 92.2 73.7 110.5



#6
Chloroethane
Concen: 72.510 ug/l
RT: 1.922 min Scan# 181
Delta R.T. -0.006 min
Lab File: VU054326.D
Acq: 30 May 2023 20:06

Tgt Ion: 64 Resp: 88967
Ion Ratio Lower Upper
64 100
66 33.0 24.7 37.1

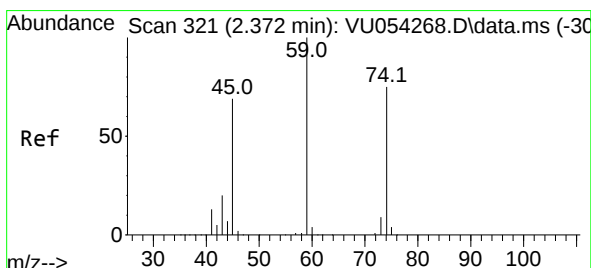
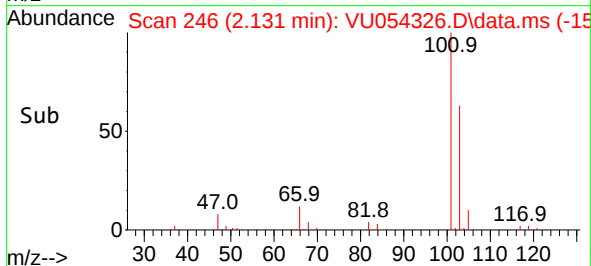
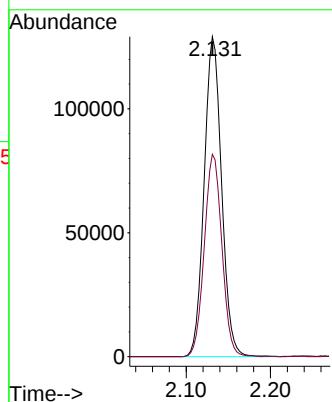
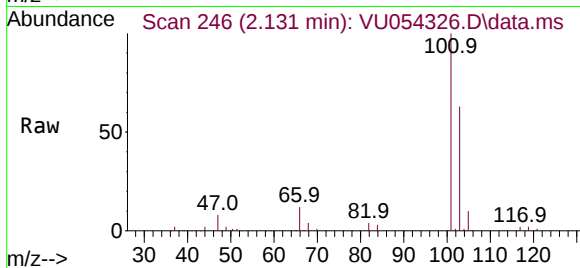




#7
 Trichlorofluoromethane
 Concen: 53.222 ug/l
 RT: 2.131 min Scan# 246
 Delta R.T. 0.000 min
 Lab File: VU054326.D
 Acq: 30 May 2023 20:06

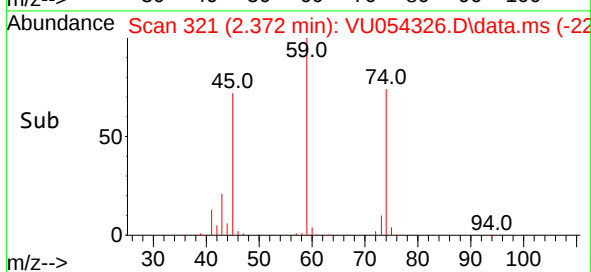
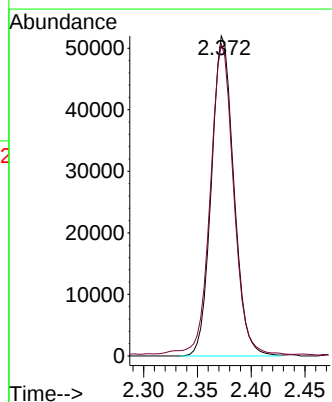
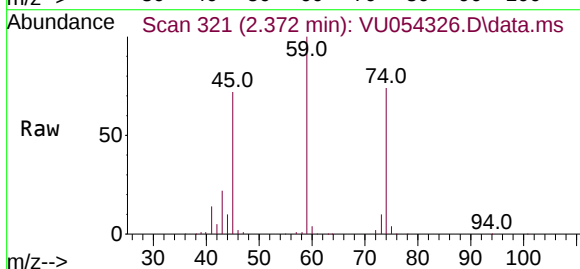
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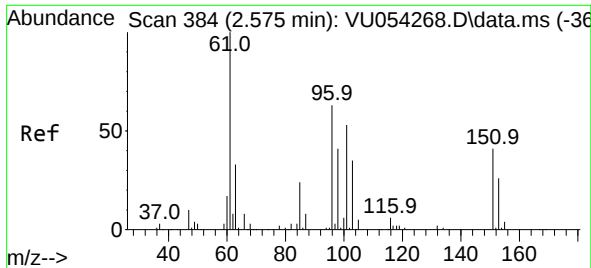
Tgt Ion:101 Resp: 186290
 Ion Ratio Lower Upper
 101 100
 103 63.3 50.6 75.8



#8
 Diethyl Ether
 Concen: 58.270 ug/l
 RT: 2.372 min Scan# 321
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 75507
 Ion Ratio Lower Upper
 74 100
 45 100.4 44.4 133.2

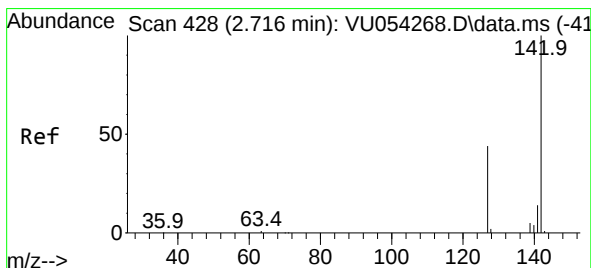
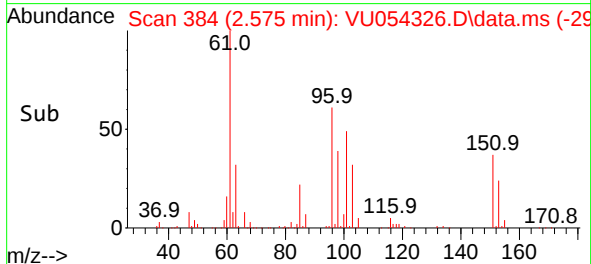
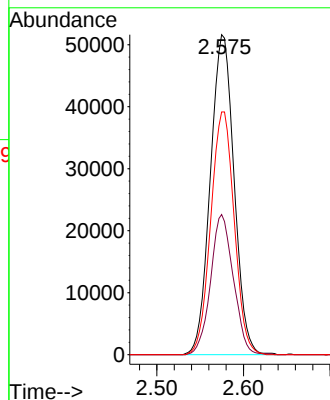
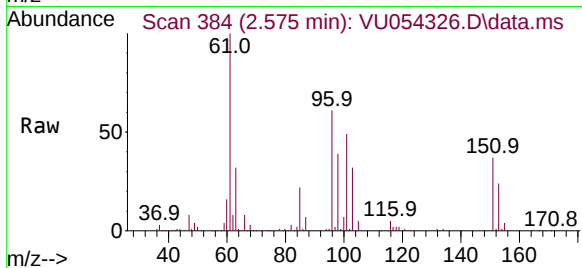




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.817 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.000 min
Lab File: VU054326.D
Acq: 30 May 2023 20:06

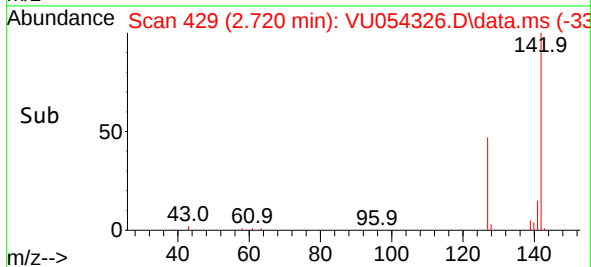
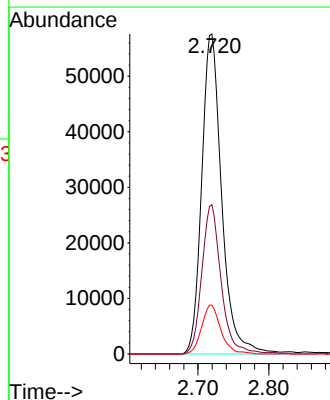
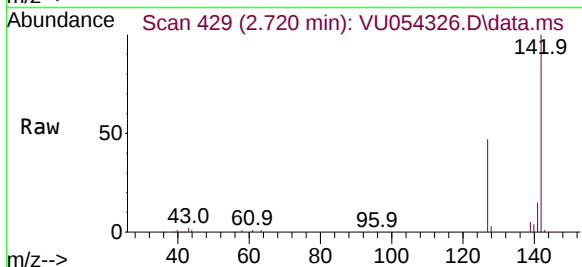
Instrument :
MSVOA_U
ClientSampleId :
GM38-RW3-MW1-20230523MS

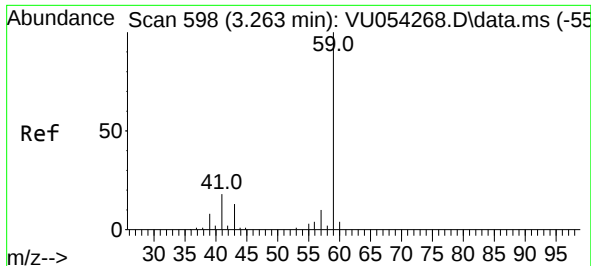
Tgt Ion:101 Resp: 98200
Ion Ratio Lower Upper
101 100
85 41.9 33.9 50.9
151 75.1 64.0 96.0



#10
Methyl Iodide
Concen: 49.705 ug/l
RT: 2.720 min Scan# 429
Delta R.T. 0.004 min
Lab File: VU054326.D
Acq: 30 May 2023 20:06

Tgt Ion:142 Resp: 112807
Ion Ratio Lower Upper
142 100
127 44.9 32.5 48.7
141 14.7 11.4 17.0

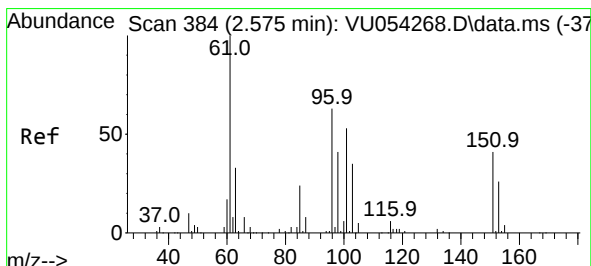
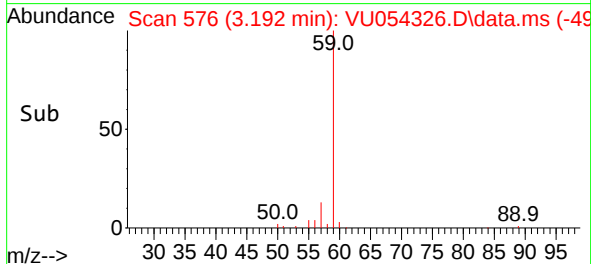
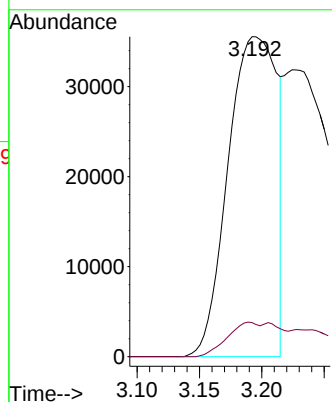
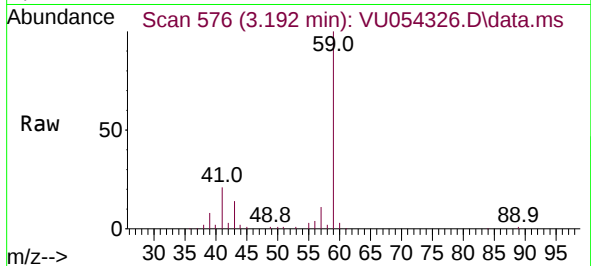




#11
Tert butyl alcohol
Concen: 149.907 ug/l
RT: 3.192 min Scan# 51
Delta R.T. -0.051 min
Lab File: VU054326.D
Acq: 30 May 2023 20:06

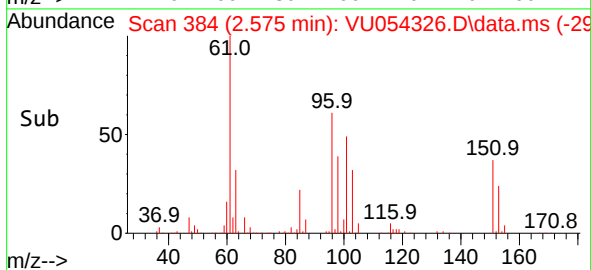
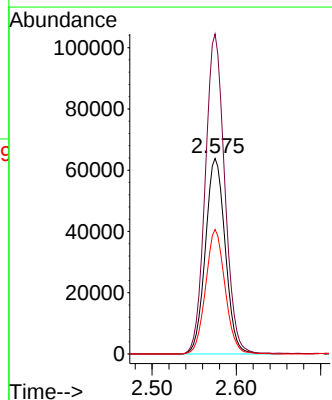
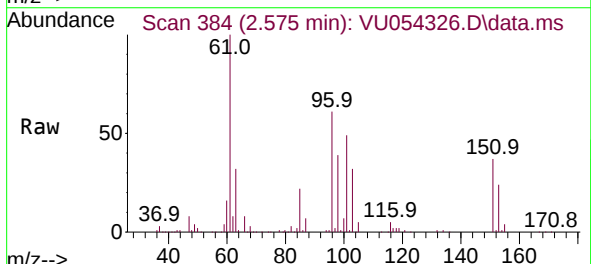
Instrument :
MSVOA_U
ClientSampleId :
GM38-RW3-MW1-20230523MS

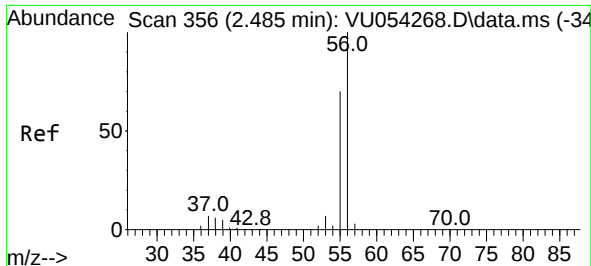
Tgt Ion: 59 Resp: 96836
Ion Ratio Lower Upper
59 100
57 7.1 30.6 45.8#



#12
1,1-Dichloroethene
Concen: 53.395 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.000 min
Lab File: VU054326.D
Acq: 30 May 2023 20:06

Tgt Ion: 96 Resp: 104776
Ion Ratio Lower Upper
96 100
61 163.6 122.2 183.2
98 63.7 50.7 76.1

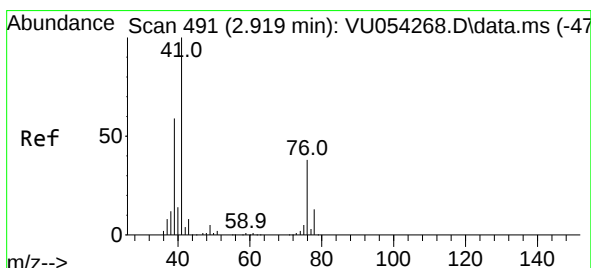
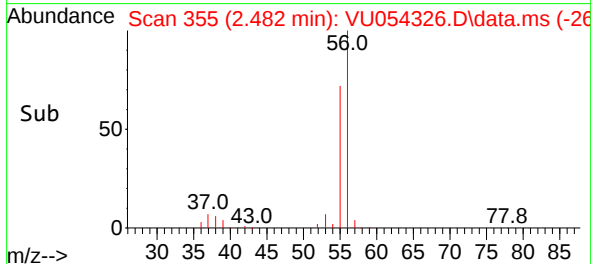
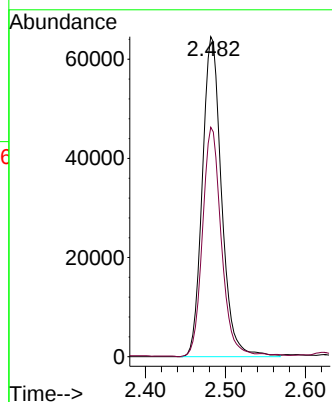
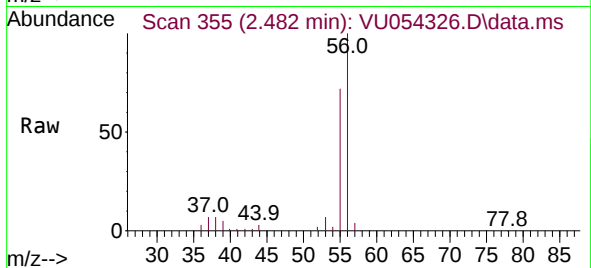




#13
Acrolein
Concen: 161.130 ug/l
RT: 2.482 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU054326.D
Acq: 30 May 2023 20:06

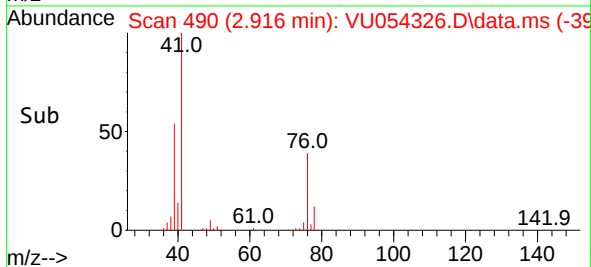
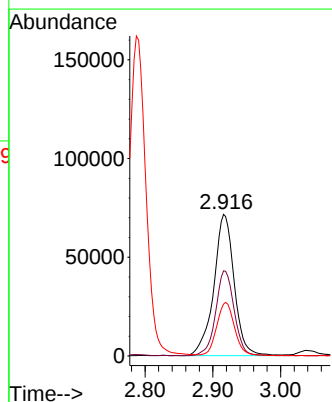
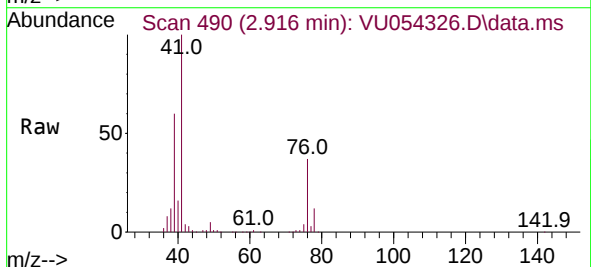
Instrument :
MSVOA_U
ClientSampleId :
GM38-RW3-MW1-20230523MS

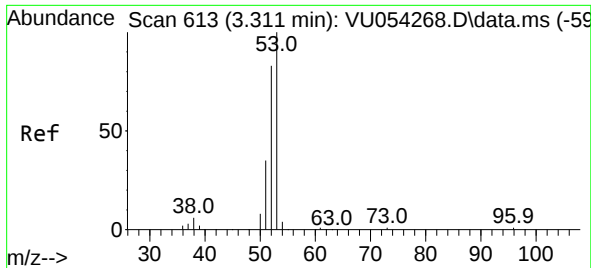
Tgt Ion: 56 Resp: 108282
Ion Ratio Lower Upper
56 100
55 70.1 56.6 85.0



#14
Allyl chloride
Concen: 44.049 ug/l
RT: 2.916 min Scan# 490
Delta R.T. -0.003 min
Lab File: VU054326.D
Acq: 30 May 2023 20:06

Tgt Ion: 41 Resp: 149868
Ion Ratio Lower Upper
41 100
39 54.2 53.4 80.2
76 33.1 33.8 50.6#

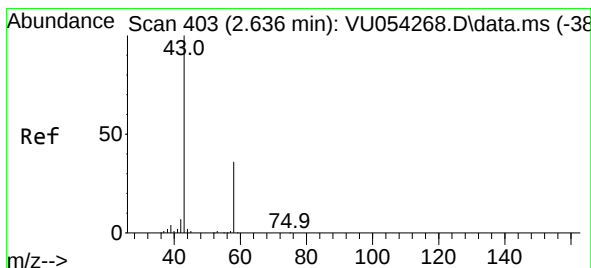
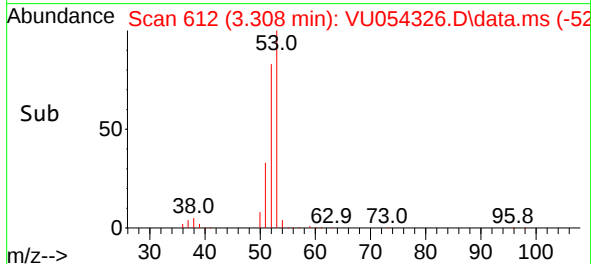
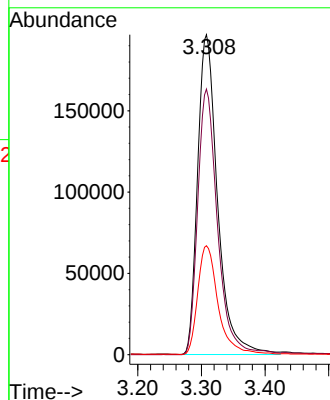
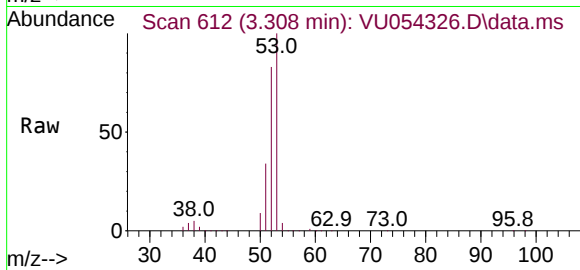




#15
Acrylonitrile
Concen: 297.007 ug/l
RT: 3.308 min Scan# 613
Delta R.T. -0.003 min
Lab File: VU054326.D
Acq: 30 May 2023 20:06

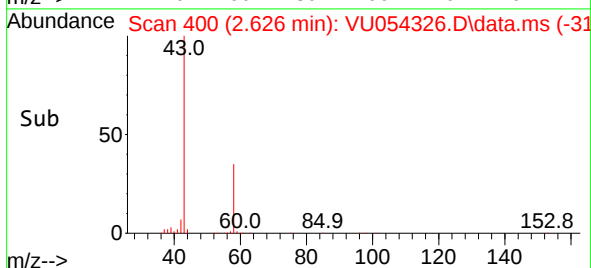
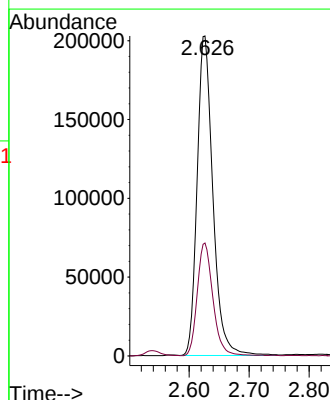
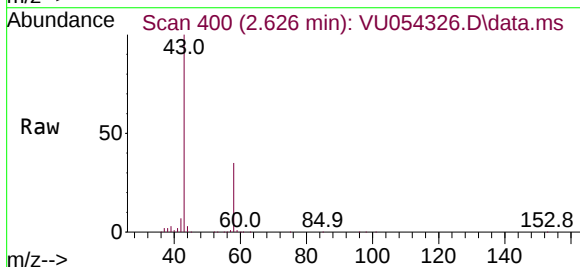
Instrument :
MSVOA_U
ClientSampleId :
GM38-RW3-MW1-20230523MS

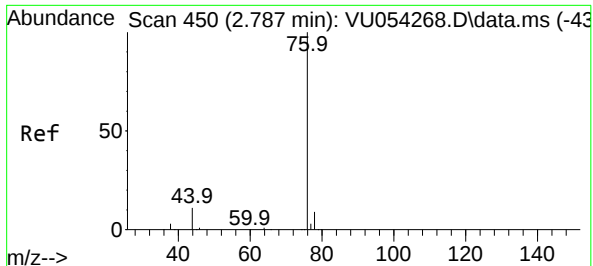
Tgt Ion: 53 Resp: 430163
Ion Ratio Lower Upper
53 100
52 82.3 65.7 98.5
51 34.6 28.2 42.4



#16
Acetone
Concen: 270.537 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.010 min
Lab File: VU054326.D
Acq: 30 May 2023 20:06

Tgt Ion: 43 Resp: 370849
Ion Ratio Lower Upper
43 100
58 35.3 27.5 41.3





#17

Carbon Disulfide

Concen: 48.898 ug/l

RT: 2.787 min Scan# 4

Delta R.T. 0.000 min

Lab File: VU054326.D

Acq: 30 May 2023 20:06

Instrument :

MSVOA_U

ClientSampleId :

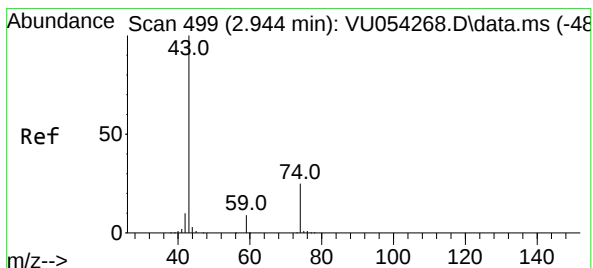
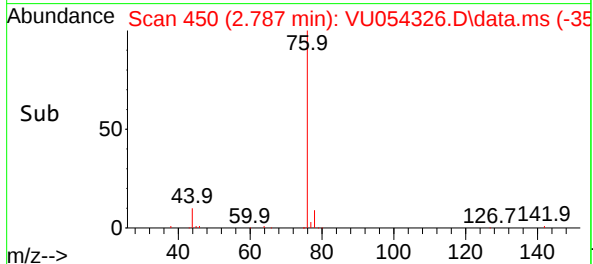
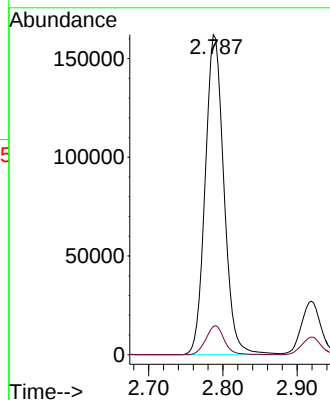
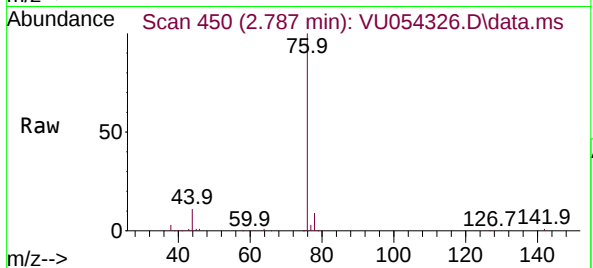
GM38-RW3-MW1-20230523MS

Tgt Ion: 76 Resp: 283569

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9



#18

Methyl Acetate

Concen: 27.243 ug/l

RT: 2.945 min Scan# 499

Delta R.T. 0.001 min

Lab File: VU054326.D

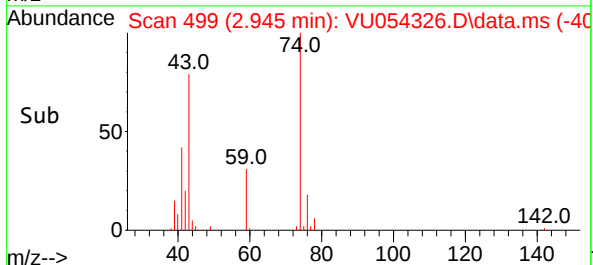
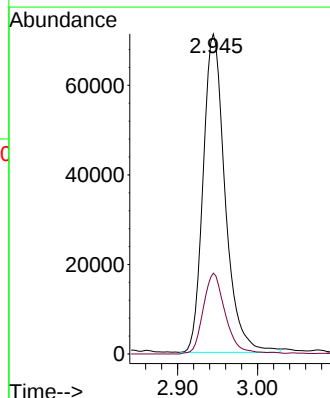
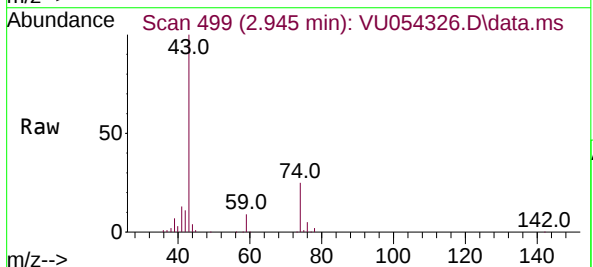
Acq: 30 May 2023 20:06

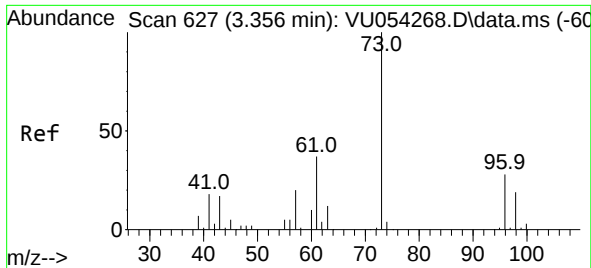
Tgt Ion: 43 Resp: 136356

Ion Ratio Lower Upper

43 100

74 25.4 22.5 33.7

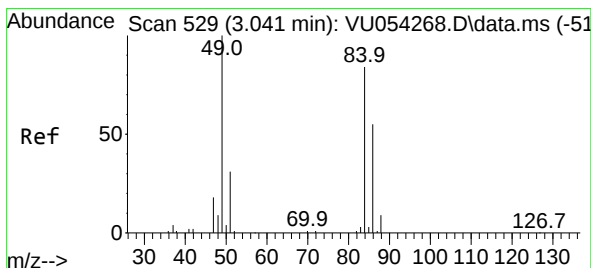
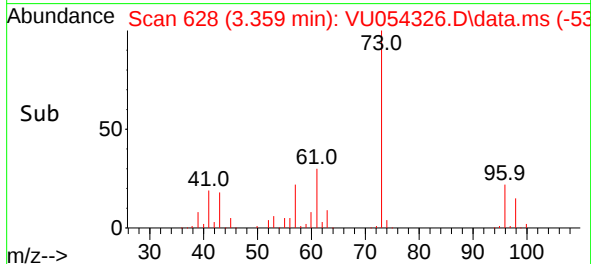
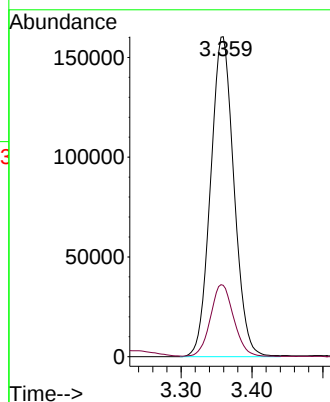
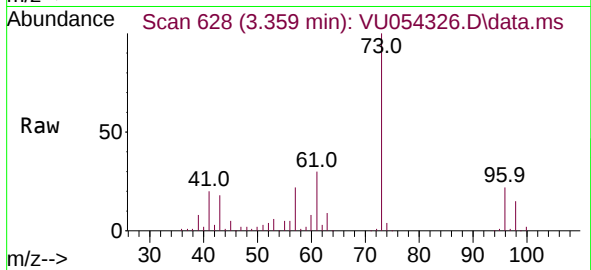




#19
Methyl tert-butyl Ether
Concen: 57.175 ug/l
RT: 3.359 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU054326.D
Acq: 30 May 2023 20:06

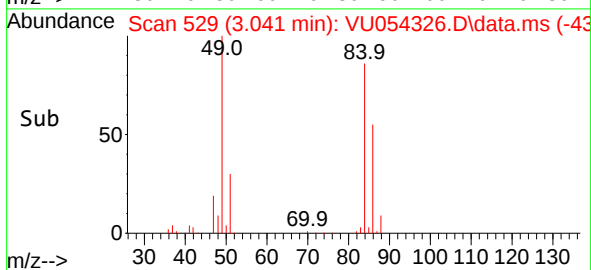
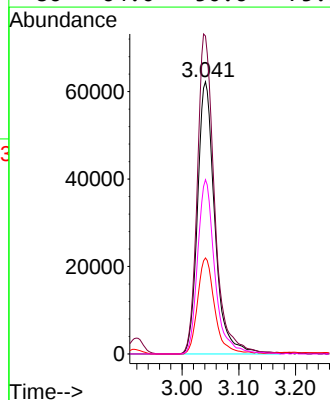
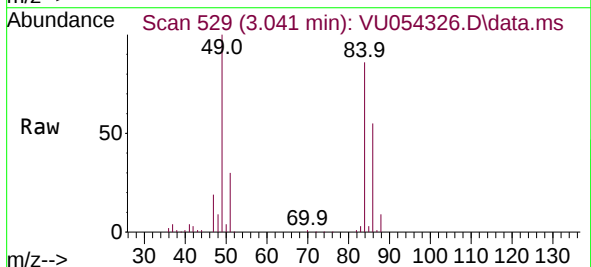
Instrument :
MSVOA_U
ClientSampleId :
GM38-RW3-MW1-20230523MS

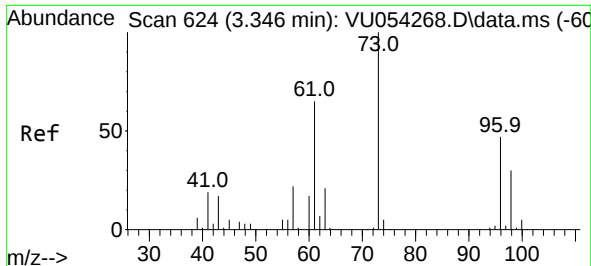
Tgt Ion: 73 Resp: 367249
Ion Ratio Lower Upper
73 100
57 22.2 17.1 25.7



#20
Methylene Chloride
Concen: 53.363 ug/l
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU054326.D
Acq: 30 May 2023 20:06

Tgt Ion: 84 Resp: 131966
Ion Ratio Lower Upper
84 100
49 116.8 86.6 129.8
51 35.3 26.6 40.0
86 64.0 50.6 75.8

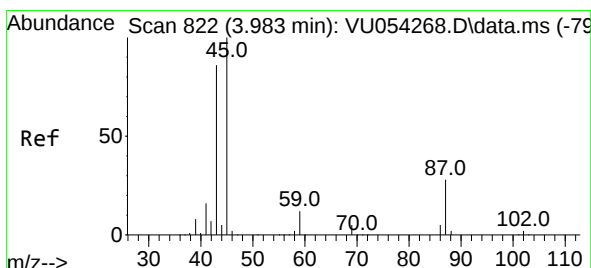
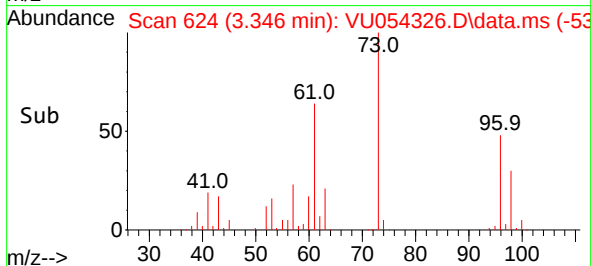
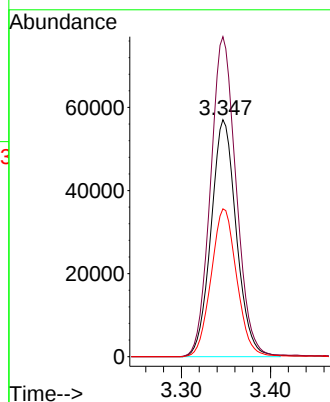
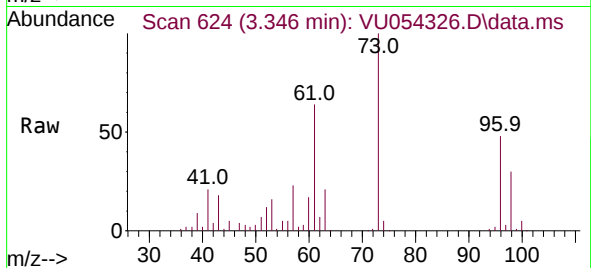




#21
trans-1,2-Dichloroethene
Concen: 53.623 ug/l
RT: 3.346 min Scan# 611
Delta R.T. 0.000 min
Lab File: VU054326.D
Acq: 30 May 2023 20:06

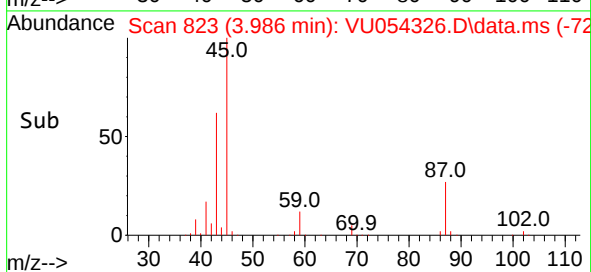
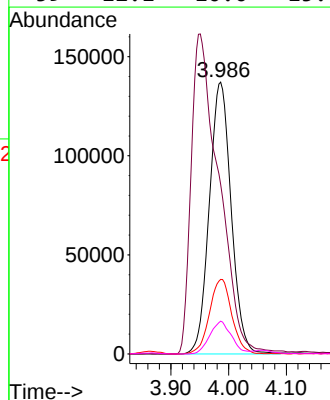
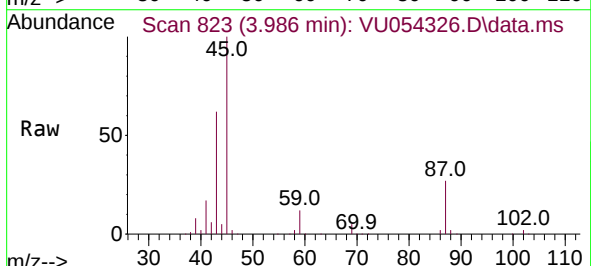
Instrument :
MSVOA_U
ClientSampleId :
GM38-RW3-MW1-20230523MS

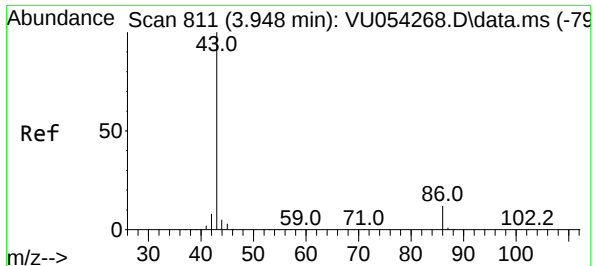
Tgt Ion: 96 Resp: 112653
Ion Ratio Lower Upper
96 100
61 135.0 106.1 159.1
98 62.4 50.8 76.2



#22
Diisopropyl ether
Concen: 59.816 ug/l
RT: 3.986 min Scan# 823
Delta R.T. 0.003 min
Lab File: VU054326.D
Acq: 30 May 2023 20:06

Tgt Ion: 45 Resp: 360711
Ion Ratio Lower Upper
45 100
43 61.2 92.9 139.3#
87 27.5 26.2 39.2
59 12.1 10.0 15.0

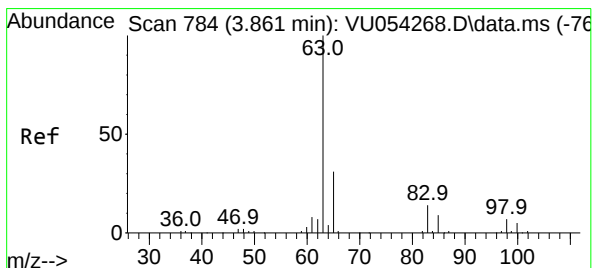
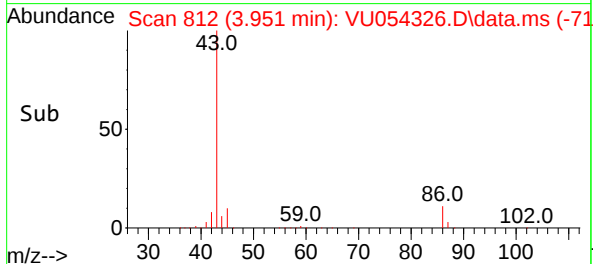
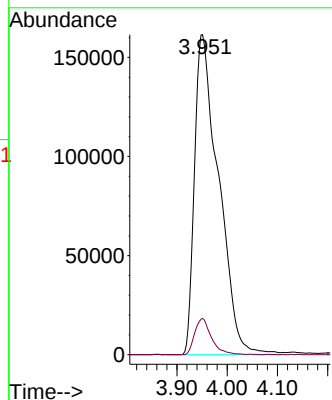
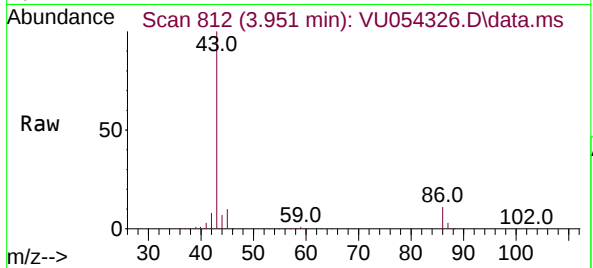




#23
 Vinyl Acetate
 Concen: 122.192 ug/l
 RT: 3.951 min Scan# 811
 Delta R.T. 0.003 min
 Lab File: VU054326.D
 Acq: 30 May 2023 20:06

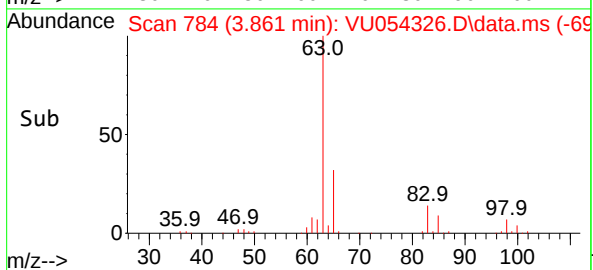
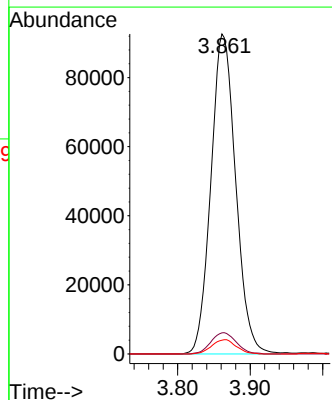
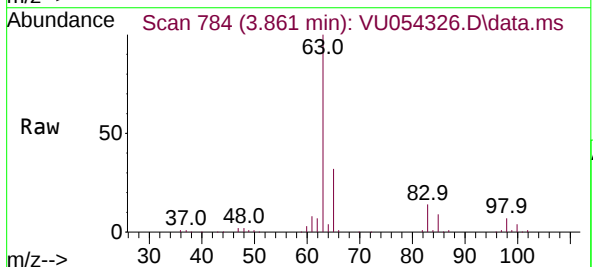
Instrument :
 MSVOA_U
 ClientSampleId :
 GM38-RW3-MW1-20230523MS

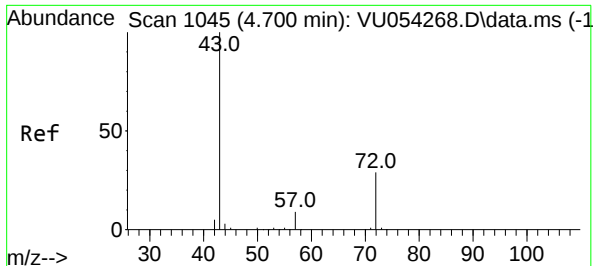
Tgt Ion: 43 Resp: 537679
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 56.926 ug/l
 RT: 3.861 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VU054326.D
 Acq: 30 May 2023 20:06

Tgt Ion: 63 Resp: 219810
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.9
 100 4.3 2.4 7.2





#25

2-Butanone

Concen: 298.469 ug/l

RT: 4.694 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VU054326.D

Acq: 30 May 2023 20:06

Instrument :

MSVOA_U

ClientSampleId :

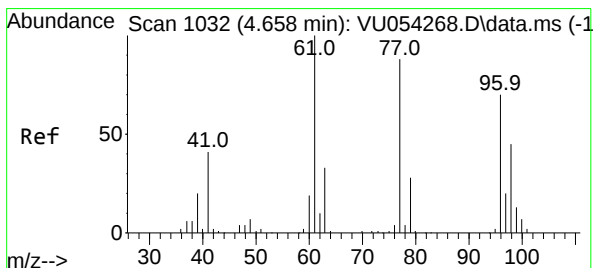
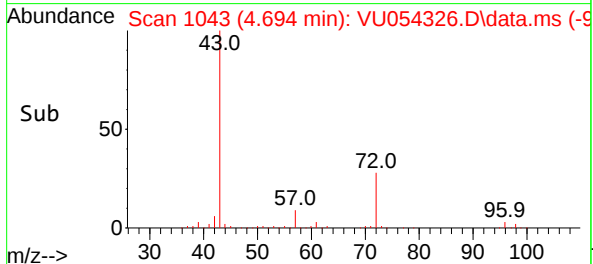
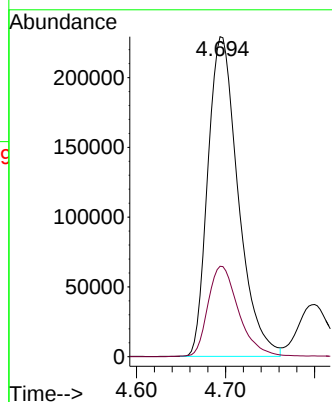
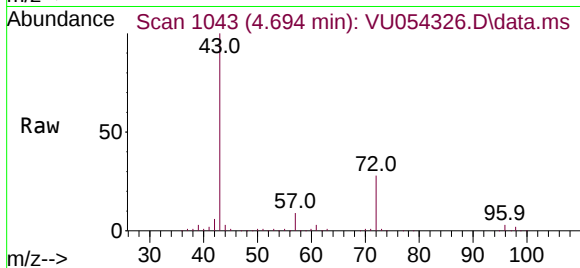
GM38-RW3-MW1-20230523MS

Tgt Ion: 43 Resp: 541699

Ion Ratio Lower Upper

43 100

72 28.1 23.8 35.6



#26

2,2-Dichloropropane

Concen: 5.202 ug/l

RT: 4.658 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VU054326.D

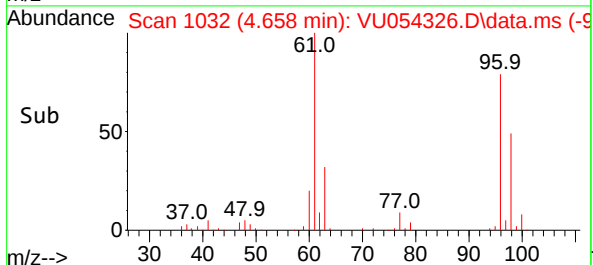
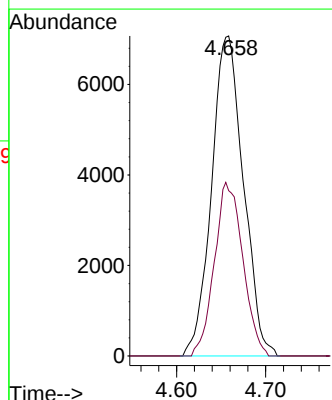
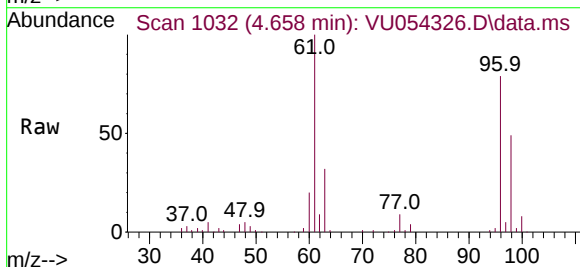
Acq: 30 May 2023 20:06

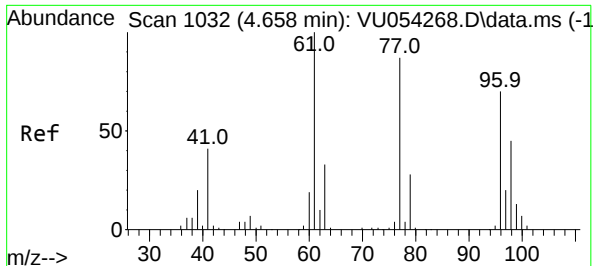
Tgt Ion: 77 Resp: 17554

Ion Ratio Lower Upper

77 100

97 48.4 11.6 34.8#



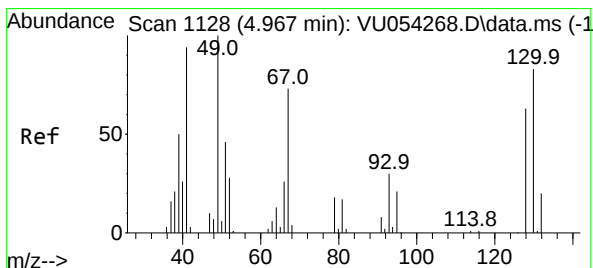
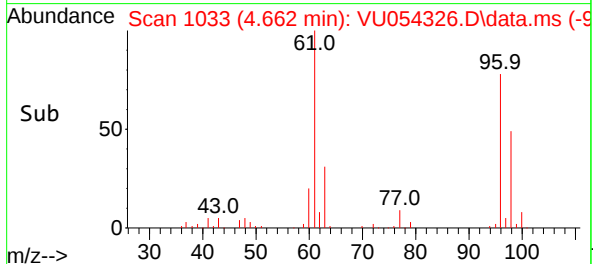
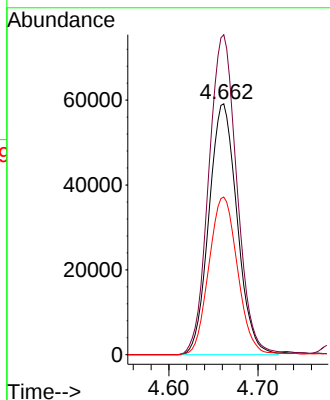
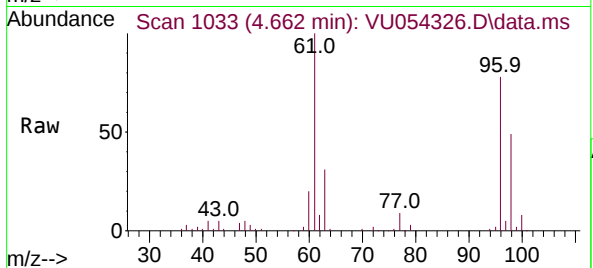


#27
 cis-1,2-Dichloroethene
 Concen: 55.582 ug/l
 RT: 4.662 min Scan# 1033
 Delta R.T. 0.004 min
 Lab File: VU054326.D
 Acq: 30 May 2023 20:06

Instrument :
 MSVOA_U
 ClientSampleId :
 GM38-RW3-MW1-20230523MS

Tgt Ion: 96 Resp: 129897

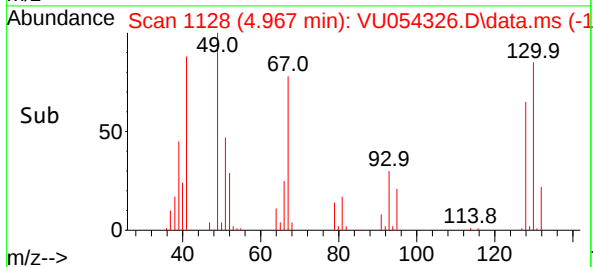
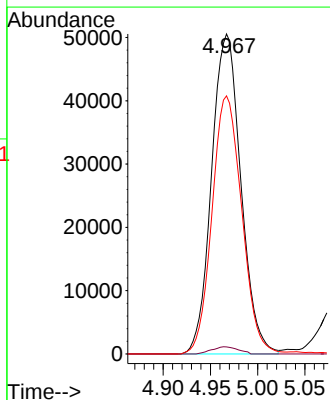
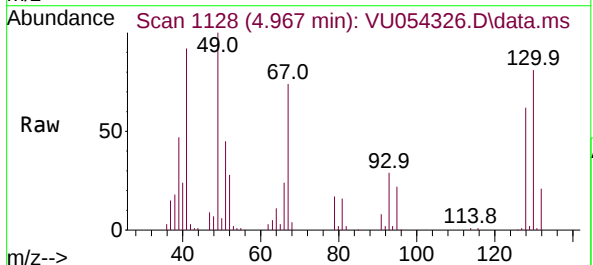
Ion	Ratio	Lower	Upper
96	100		
61	127.5	0.0	271.6
98	63.9	0.0	128.2

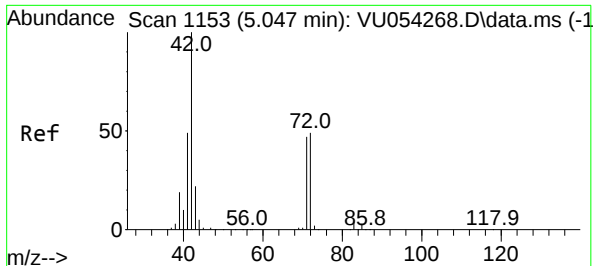


#28
 Bromochloromethane
 Concen: 61.022 ug/l
 RT: 4.967 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VU054326.D
 Acq: 30 May 2023 20:06

Tgt Ion: 49 Resp: 109037

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.6
130	81.9	76.9	115.3





#29

Tetrahydrofuran

Concen: 305.526 ug/l

RT: 5.044 min Scan# 1153

Delta R.T. -0.003 min

Lab File: VU054326.D

Acq: 30 May 2023 20:06

Instrument :

MSVOA_U

ClientSampleId :

GM38-RW3-MW1-20230523MS

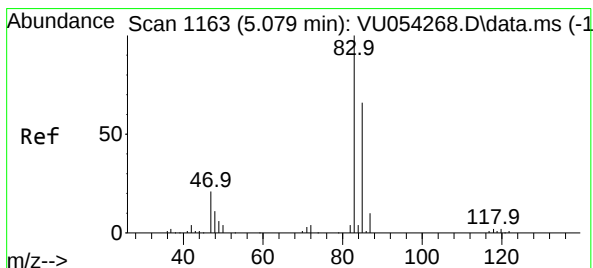
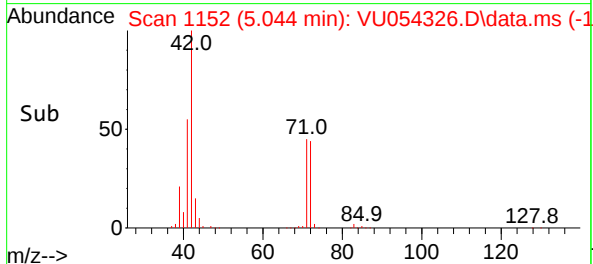
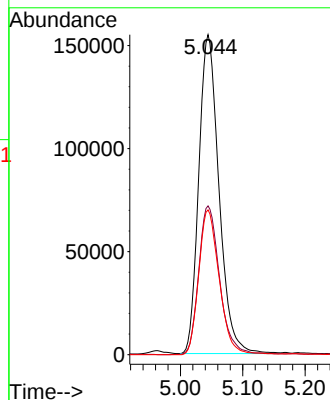
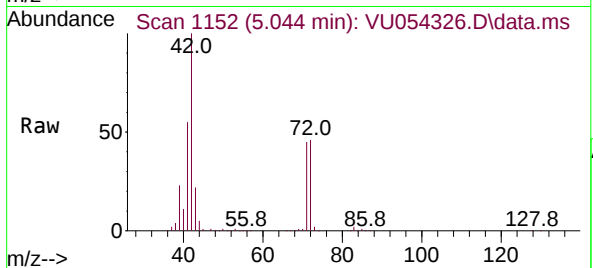
Tgt Ion: 42 Resp: 348552

Ion Ratio Lower Upper

42 100

72 48.3 42.6 63.8

71 46.1 40.3 60.5



#30

Chloroform

Concen: 57.260 ug/l

RT: 5.083 min Scan# 1164

Delta R.T. 0.004 min

Lab File: VU054326.D

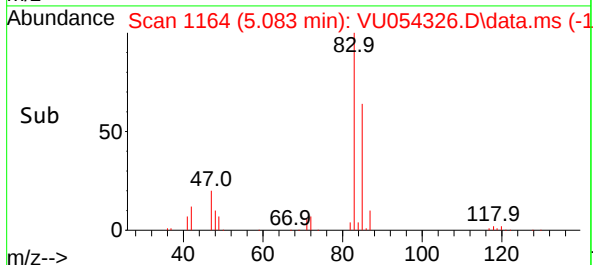
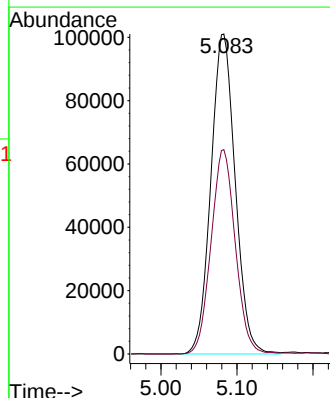
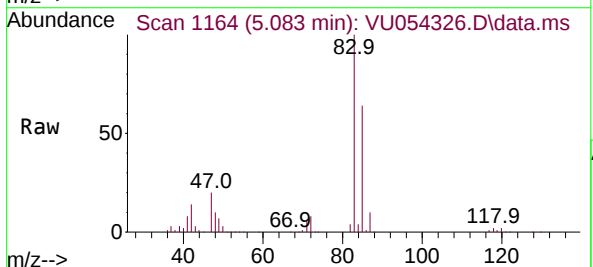
Acq: 30 May 2023 20:06

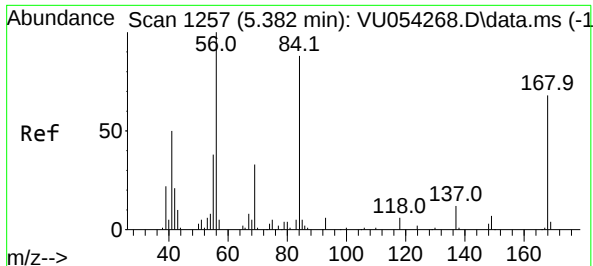
Tgt Ion: 83 Resp: 224754

Ion Ratio Lower Upper

83 100

85 63.8 51.2 76.8

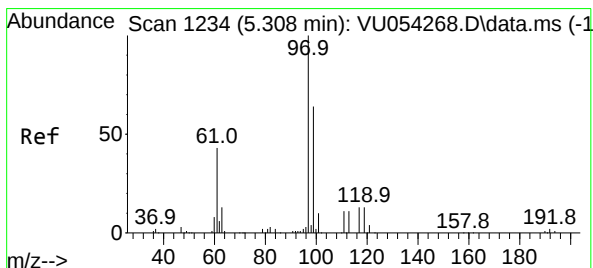
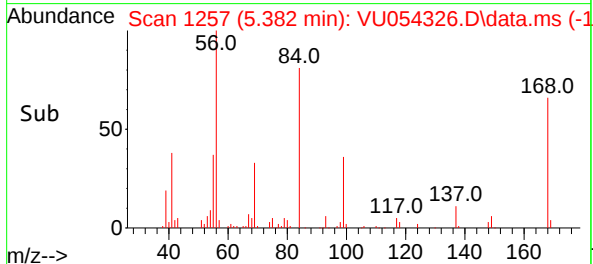
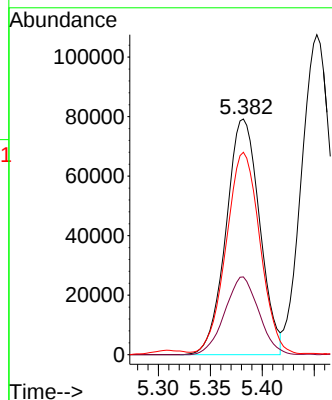
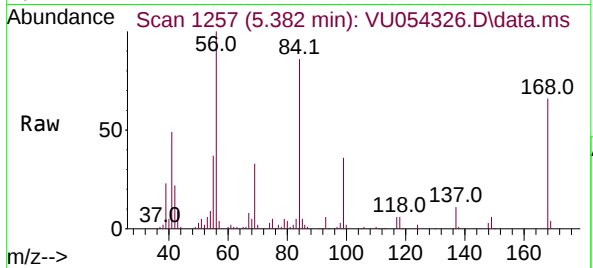




#31
Cyclohexane
Concen: 52.777 ug/l
RT: 5.382 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054326.D
Acq: 30 May 2023 20:06

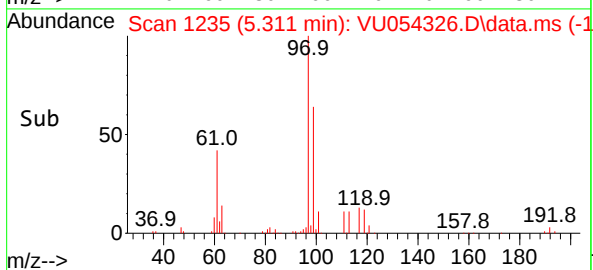
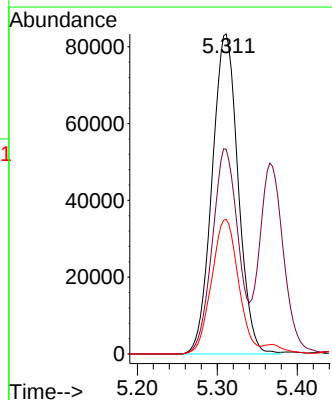
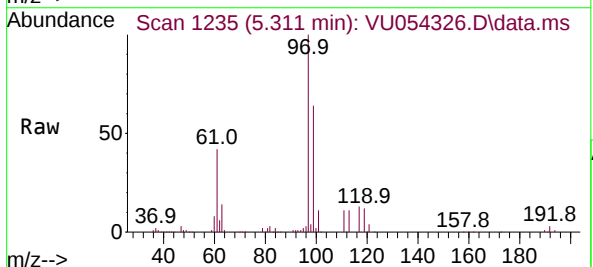
Instrument :
MSVOA_U
ClientSampleId :
GM38-RW3-MW1-20230523MS

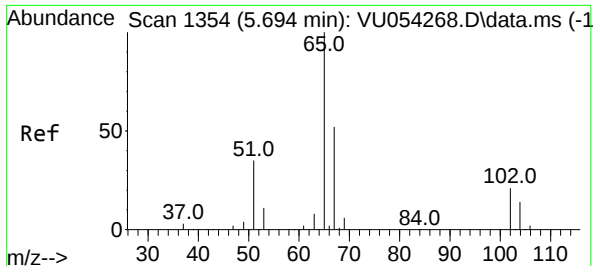
Tgt Ion: 56 Resp: 178214
Ion Ratio Lower Upper
56 100
69 33.0 27.8 41.8
84 84.3 74.2 111.4



#32
1,1,1-Trichloroethane
Concen: 55.375 ug/l
RT: 5.311 min Scan# 1235
Delta R.T. 0.003 min
Lab File: VU054326.D
Acq: 30 May 2023 20:06

Tgt Ion: 97 Resp: 188701
Ion Ratio Lower Upper
97 100
99 63.8 51.8 77.6
61 43.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 57.473 ug/l

RT: 5.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU054326.D

Acq: 30 May 2023 20:06

Instrument :

MSVOA_U

ClientSampleId :

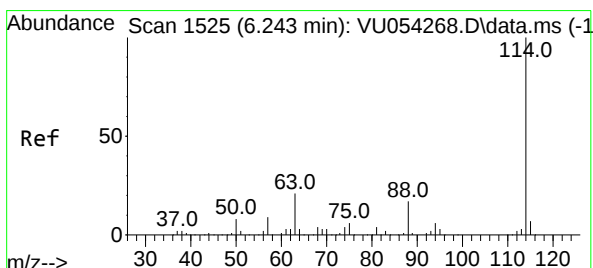
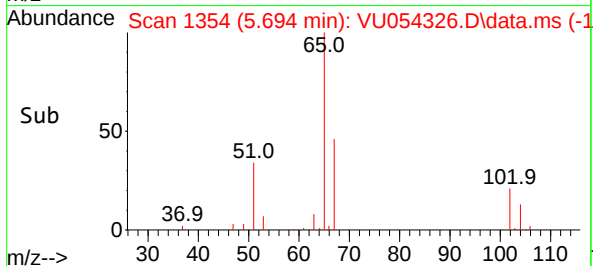
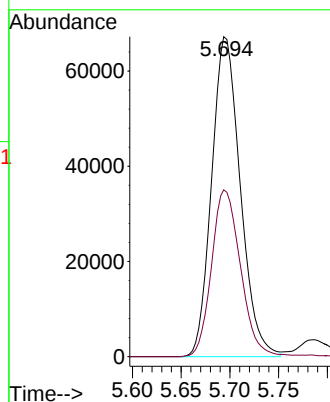
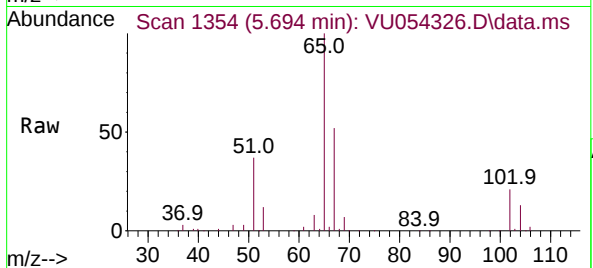
GM38-RW3-MW1-20230523MS

Tgt Ion: 65 Resp: 137443

Ion Ratio Lower Upper

65 100

67 52.7 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.244 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VU054326.D

Acq: 30 May 2023 20:06

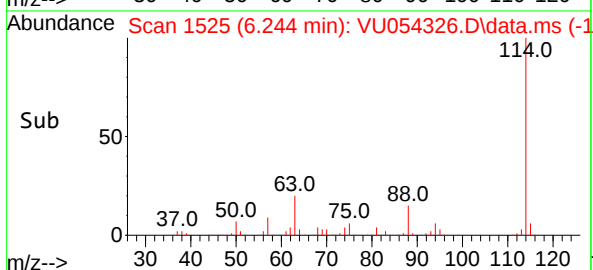
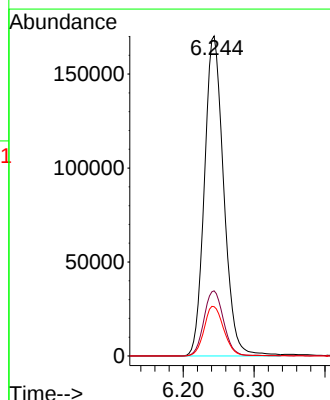
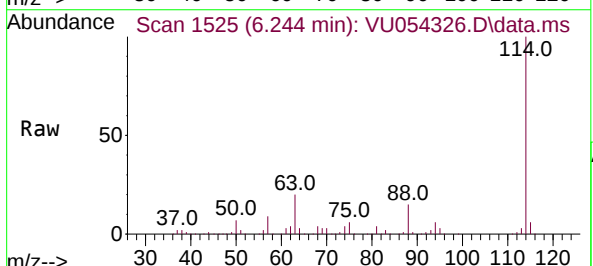
Tgt Ion: 114 Resp: 322103

Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.8

88 15.4 0.0 29.2





#35

Dibromofluoromethane

Concen: 52.477 ug/l

RT: 5.282 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU054326.D

Acq: 30 May 2023 20:06

Instrument :

MSVOA_U

ClientSampleId :

GM38-RW3-MW1-20230523MS

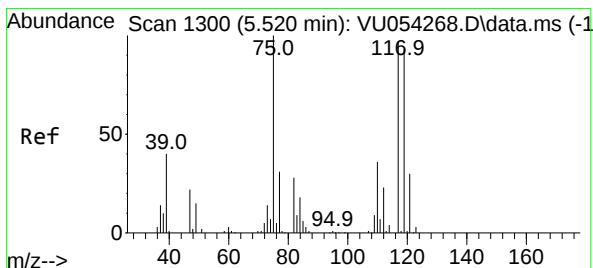
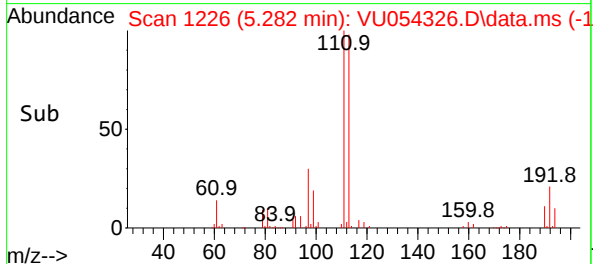
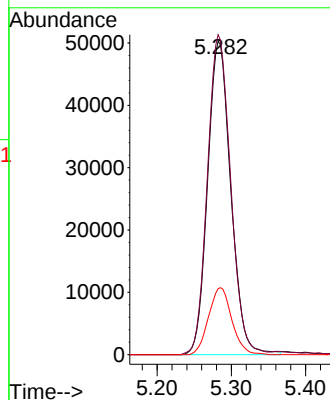
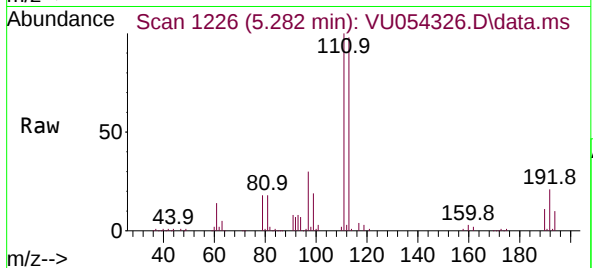
Tgt Ion:113 Resp: 108852

Ion Ratio Lower Upper

113 100

111 102.4 82.1 123.1

192 21.5 18.0 27.0



#36

1,1-Dichloropropene

Concen: 46.354 ug/l

RT: 5.520 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VU054326.D

Acq: 30 May 2023 20:06

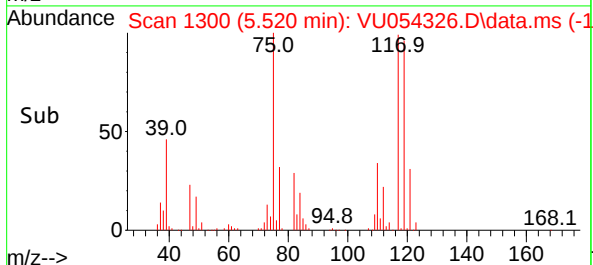
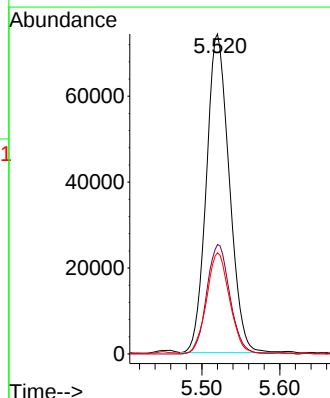
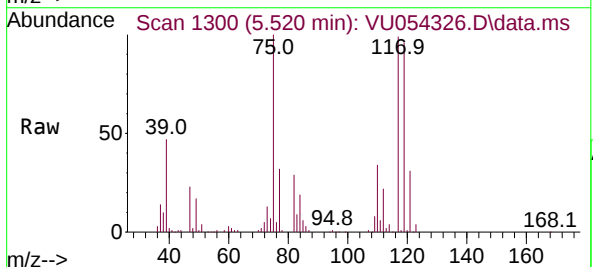
Tgt Ion: 75 Resp: 151021

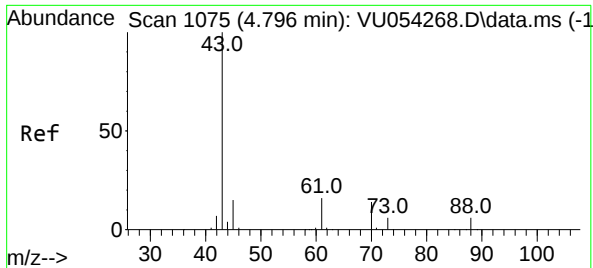
Ion Ratio Lower Upper

75 100

110 34.8 18.4 55.2

77 31.6 25.1 37.7

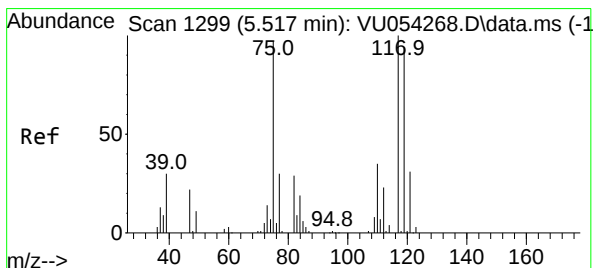
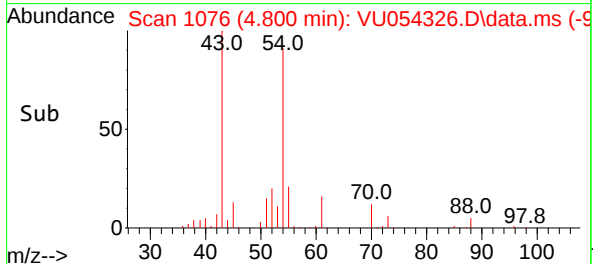
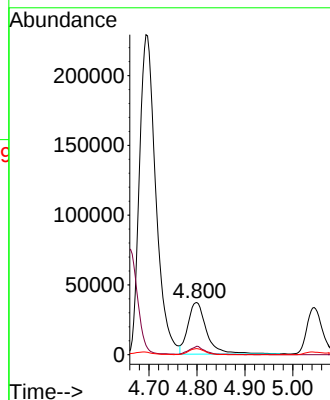
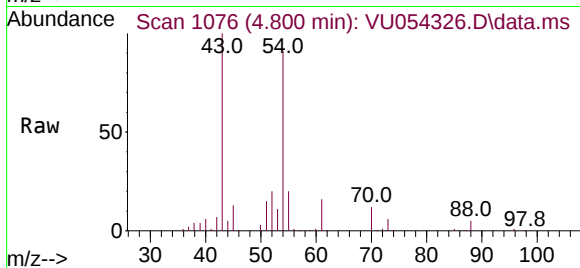




#37
Ethyl Acetate
Concen: 25.288 ug/l
RT: 4.800 min Scan# 1076
Delta R.T. 0.004 min
Lab File: VU054326.D
Acq: 30 May 2023 20:06

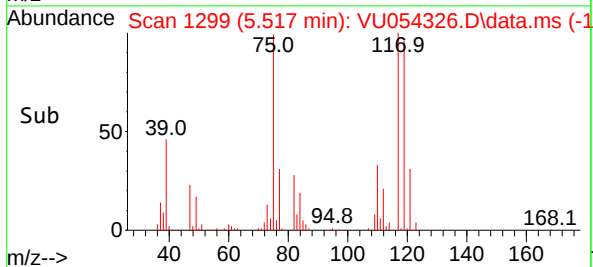
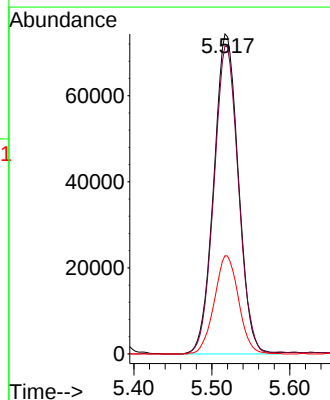
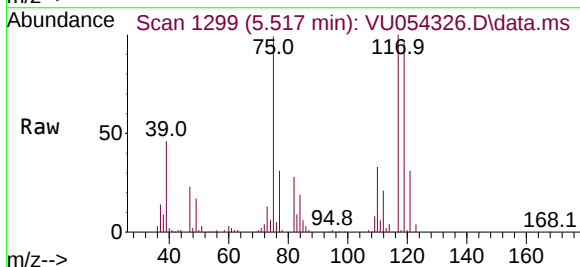
Instrument :
MSVOA_U
ClientSampleId :
GM38-RW3-MW1-20230523MS

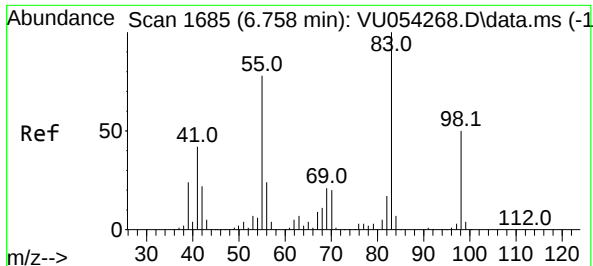
Tgt Ion: 43 Resp: 100409
Ion Ratio Lower Upper
43 100
61 11.7 9.5 14.3
70 10.2 7.5 11.3



#38
Carbon Tetrachloride
Concen: 48.917 ug/l
RT: 5.517 min Scan# 1299
Delta R.T. -0.000 min
Lab File: VU054326.D
Acq: 30 May 2023 20:06

Tgt Ion: 117 Resp: 163123
Ion Ratio Lower Upper
117 100
119 96.4 76.8 115.2
121 30.7 24.7 37.1





#39

Methylcyclohexane

Concen: 43.343 ug/l

RT: 6.758 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054326.D

Acq: 30 May 2023 20:06

Instrument :

MSVOA_U

ClientSampleId :

GM38-RW3-MW1-20230523MS

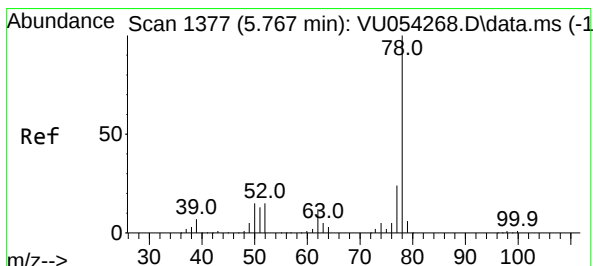
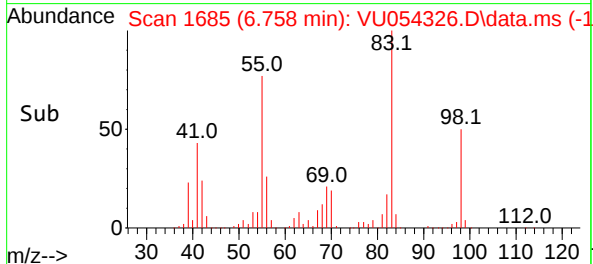
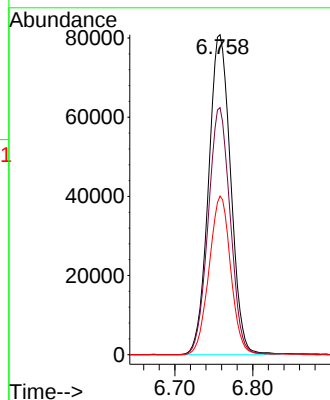
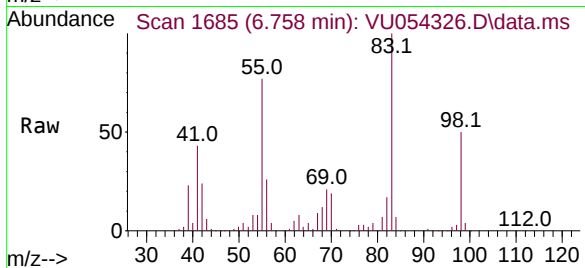
Tgt Ion: 83 Resp: 159944

Ion Ratio Lower Upper

83 100

55 77.2 55.3 82.9

98 49.6 37.3 55.9



#40

Benzene

Concen: 51.029 ug/l

RT: 5.768 min Scan# 1377

Delta R.T. 0.001 min

Lab File: VU054326.D

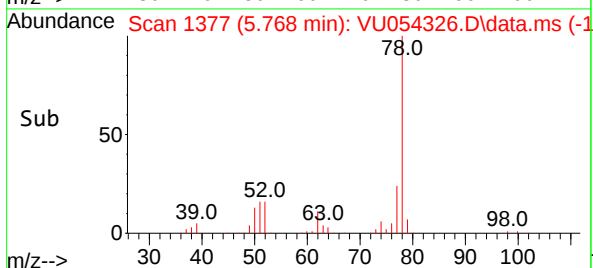
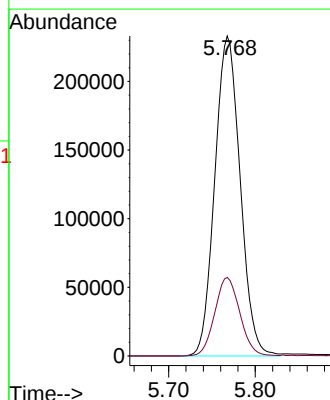
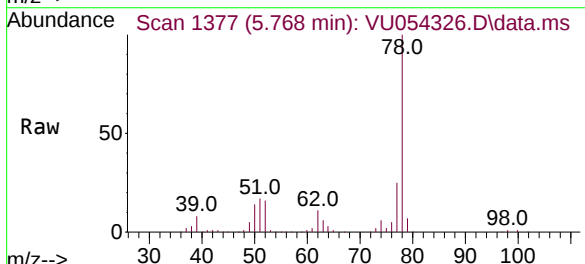
Acq: 30 May 2023 20:06

Tgt Ion: 78 Resp: 474216

Ion Ratio Lower Upper

78 100

77 24.6 18.8 28.2



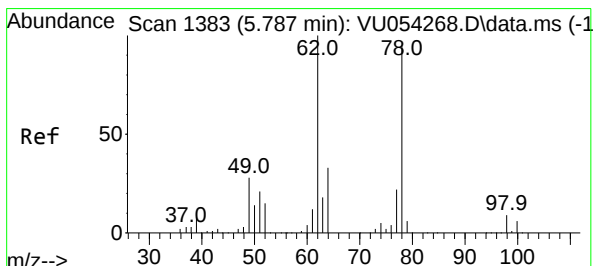
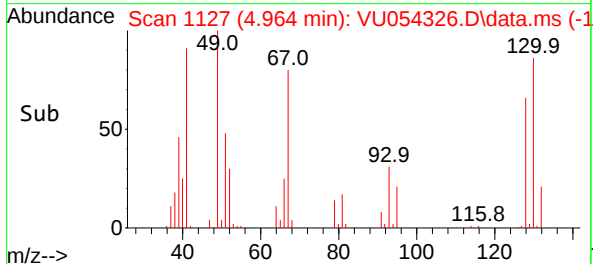
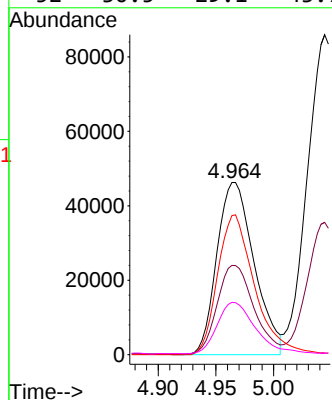
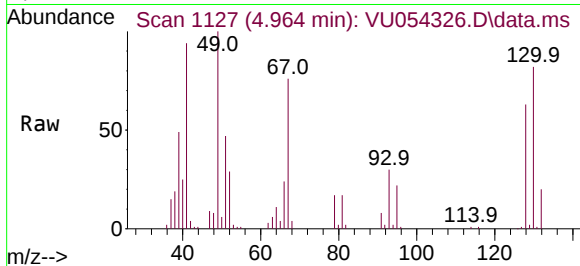


#41
Methacrylonitrile
Concen: 56.563 ug/l
RT: 4.964 min Scan# 1127
Delta R.T. -0.003 min
Lab File: VU054326.D
Acq: 30 May 2023 20:06

Instrument :
MSVOA_U
ClientSampleId :
GM38-RW3-MW1-20230523MS

Tgt Ion: 41 Resp: 103797

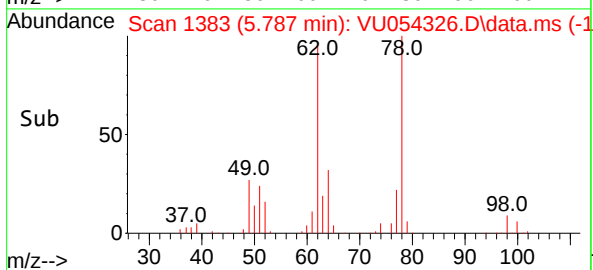
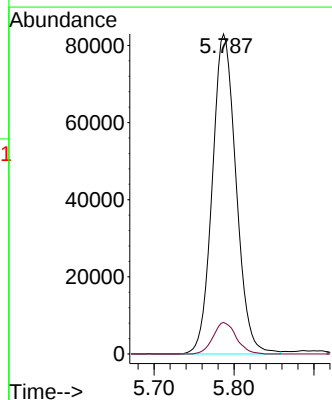
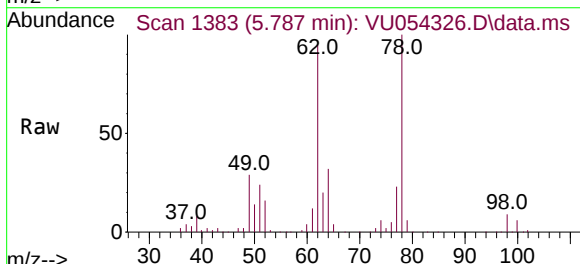
Ion	Ratio	Lower	Upper
41	100		
39	50.6	43.1	64.7
67	80.7	72.3	108.5
52	30.5	29.1	43.7



#42
1,2-Dichloroethane
Concen: 50.698 ug/l
RT: 5.787 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VU054326.D
Acq: 30 May 2023 20:06

Tgt Ion: 62 Resp: 171150

Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.6





#43

Isopropyl Acetate

Concen: 32.412 ug/l

RT: 5.906 min Scan# 1419

Delta R.T. 0.003 min

Lab File: VU054326.D

Acq: 30 May 2023 20:06

Instrument :

MSVOA_U

ClientSampleId :

GM38-RW3-MW1-20230523MS

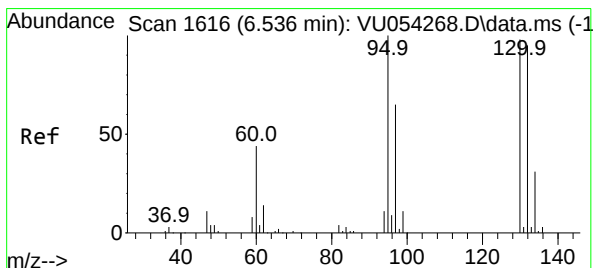
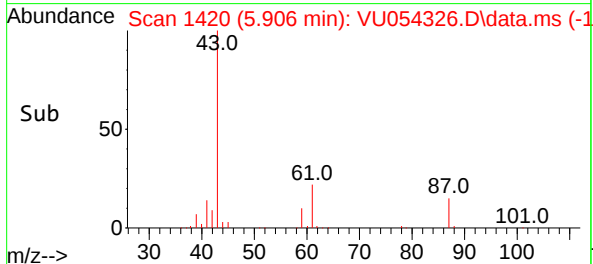
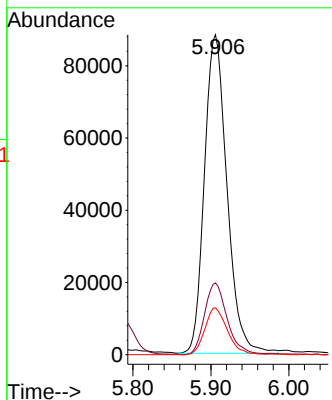
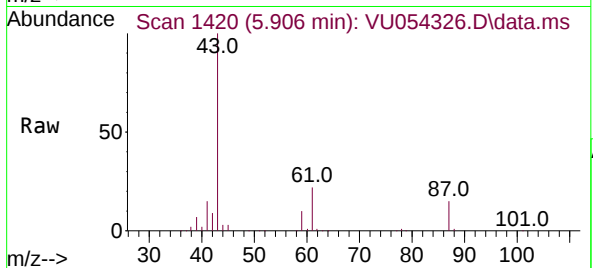
Tgt Ion: 43 Resp: 177513

Ion Ratio Lower Upper

43 100

61 22.6 17.4 26.0

87 14.6 12.6 18.8



#44

Trichloroethene

Concen: 64.755 ug/l

RT: 6.536 min Scan# 1616

Delta R.T. 0.000 min

Lab File: VU054326.D

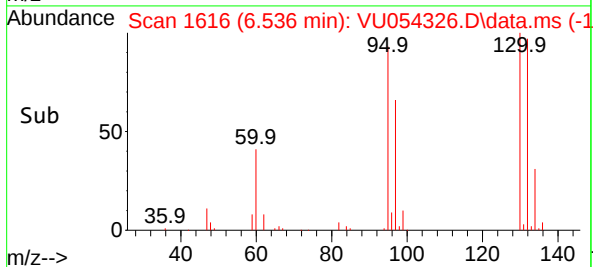
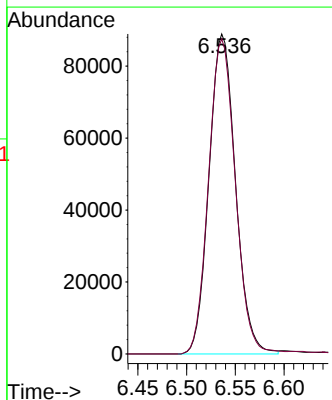
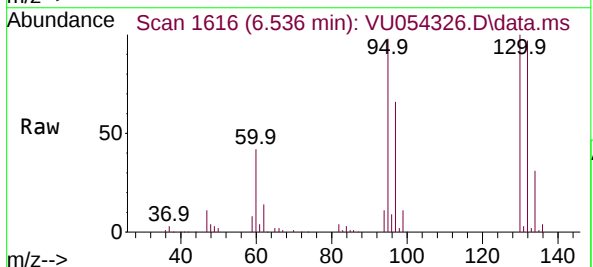
Acq: 30 May 2023 20:06

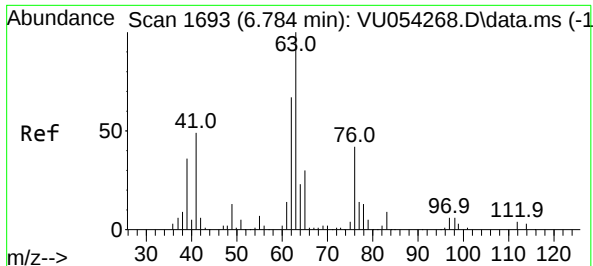
Tgt Ion:130 Resp: 168218

Ion Ratio Lower Upper

130 100

95 98.4 0.0 184.6





#45

1,2-Dichloropropane

Concen: 52.867 ug/l

RT: 6.784 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054326.D

Acq: 30 May 2023 20:06

Instrument :

MSVOA_U

ClientSampleId :

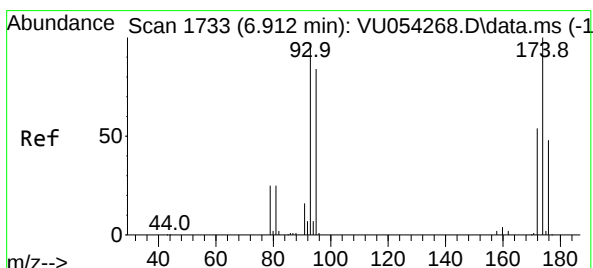
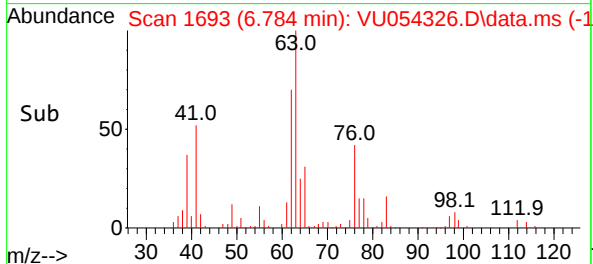
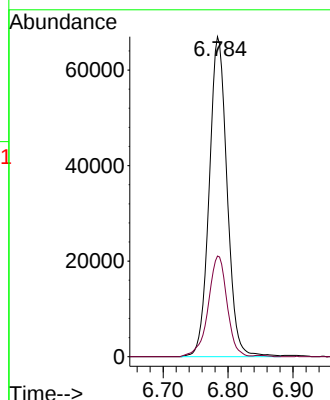
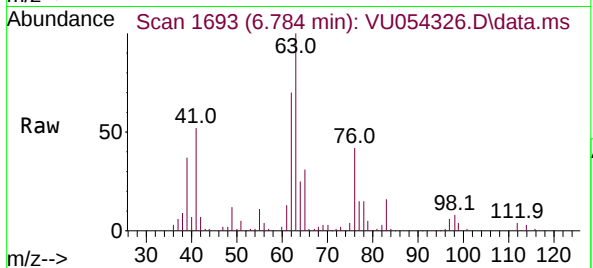
GM38-RW3-MW1-20230523MS

Tgt Ion: 63 Resp: 128165

Ion Ratio Lower Upper

63 100

65 31.5 25.0 37.4



#46

Dibromomethane

Concen: 51.267 ug/l

RT: 6.912 min Scan# 1733

Delta R.T. 0.000 min

Lab File: VU054326.D

Acq: 30 May 2023 20:06

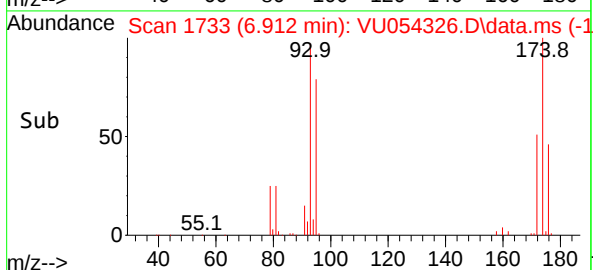
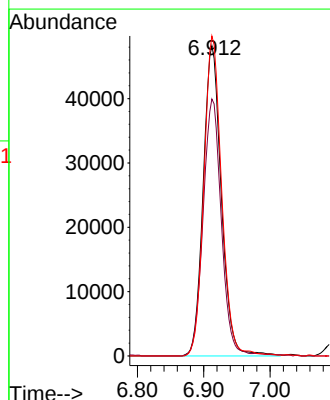
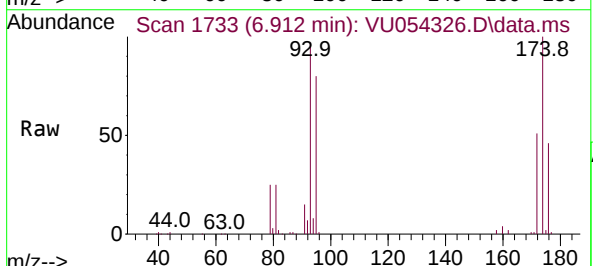
Tgt Ion: 93 Resp: 91486

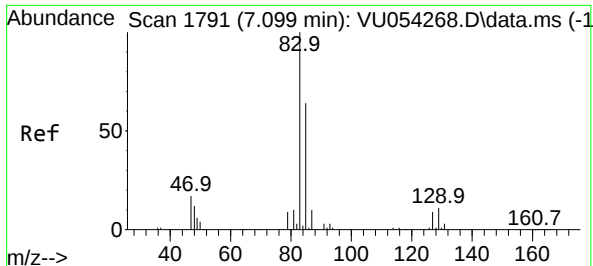
Ion Ratio Lower Upper

93 100

95 82.5 66.3 99.5

174 101.2 88.2 132.4





#47

Bromodichloromethane

Concen: 51.135 ug/l

RT: 7.099 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VU054326.D

Acq: 30 May 2023 20:06

Instrument :

MSVOA_U

ClientSampleId :

GM38-RW3-MW1-20230523MS

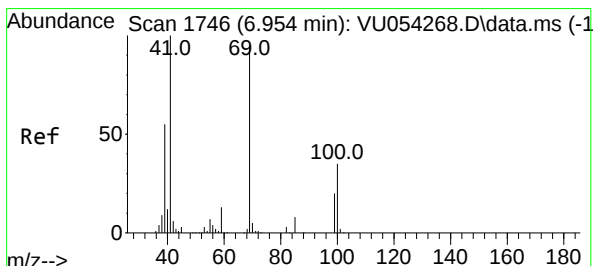
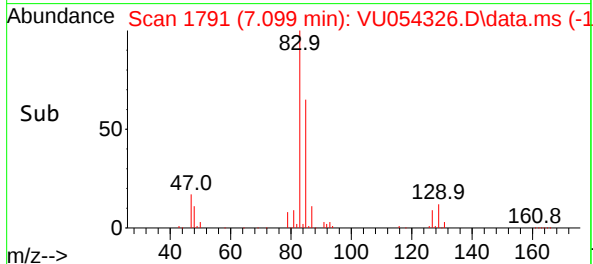
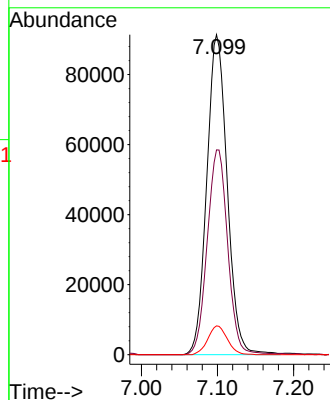
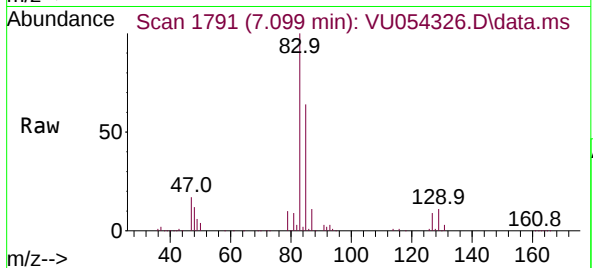
Tgt Ion: 83 Resp: 170653

Ion Ratio Lower Upper

83 100

85 64.0 51.4 77.2

127 9.0 7.1 10.7



#48

Methyl methacrylate

Concen: 54.036 ug/l

RT: 6.954 min Scan# 1746

Delta R.T. 0.000 min

Lab File: VU054326.D

Acq: 30 May 2023 20:06

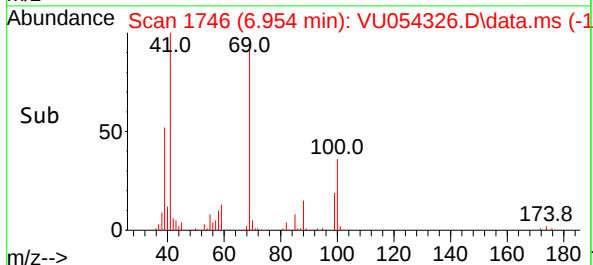
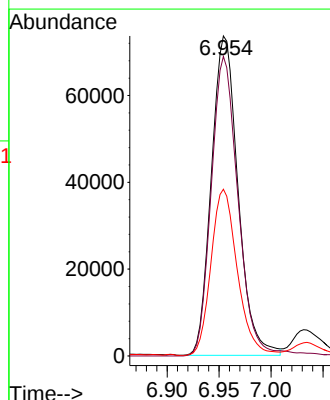
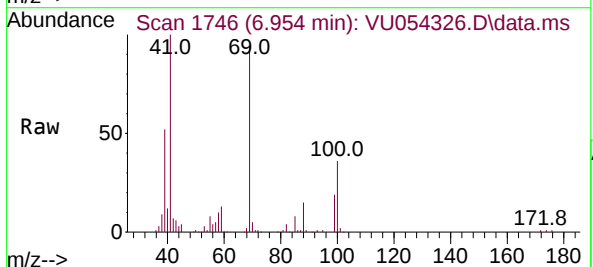
Tgt Ion: 41 Resp: 131243

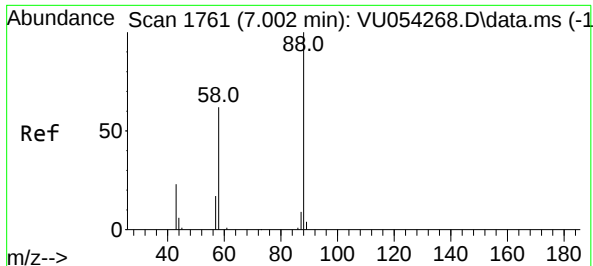
Ion Ratio Lower Upper

41 100

69 94.8 79.8 119.6

39 51.4 47.9 71.9





#49

1,4-Dioxane

Concen: 1245.074 ug/l

RT: 6.977 min Scan# 1

Delta R.T. -0.025 min

Lab File: VU054326.D

Acq: 30 May 2023 20:06

Instrument :

MSVOA_U

ClientSampleId :

GM38-RW3-MW1-20230523MS

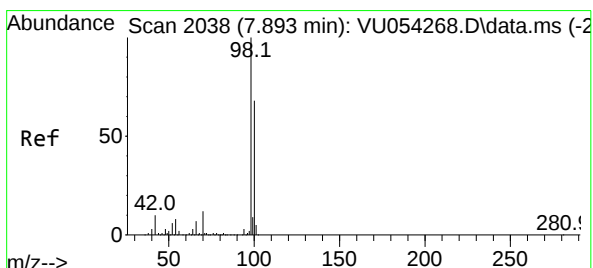
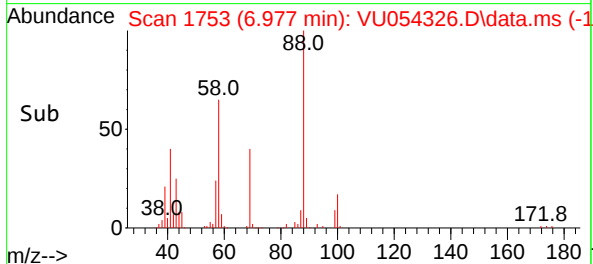
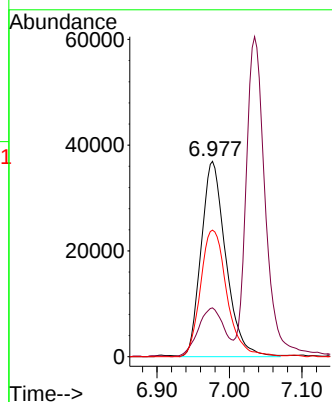
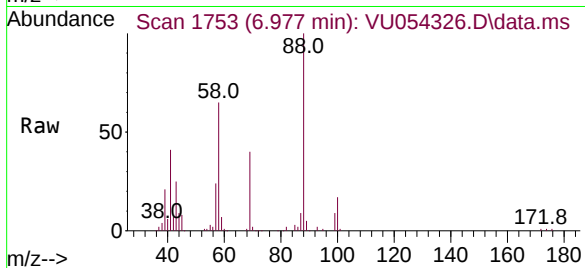
Tgt Ion: 88 Resp: 87302

Ion Ratio Lower Upper

88 100

43 26.5 0.0 0.0#

58 69.3 15.4 23.0#



#50

Toluene-d8

Concen: 51.241 ug/l

RT: 7.893 min Scan# 2038

Delta R.T. -0.000 min

Lab File: VU054326.D

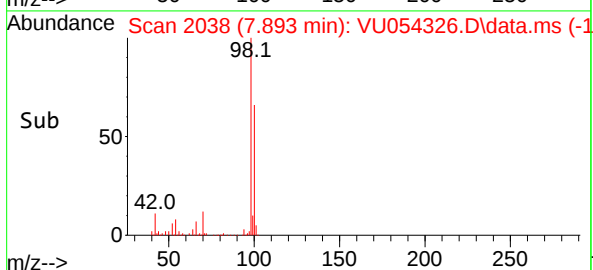
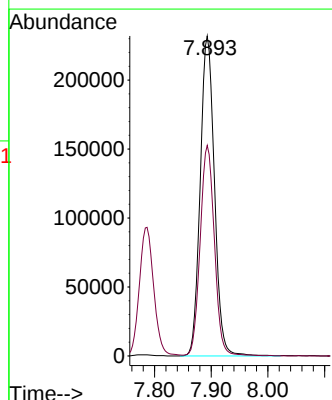
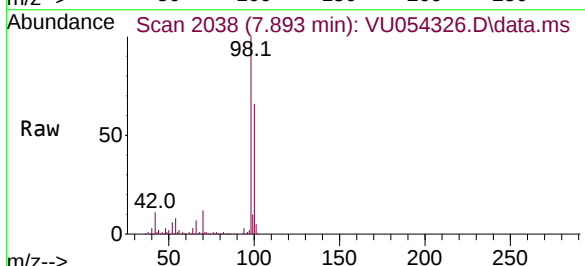
Acq: 30 May 2023 20:06

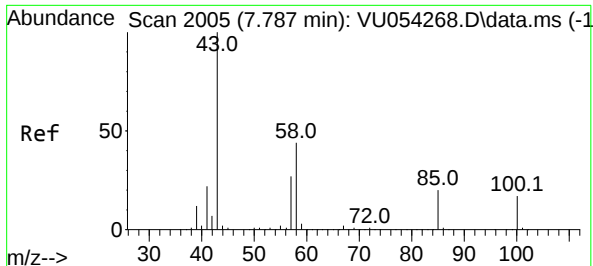
Tgt Ion: 98 Resp: 404284

Ion Ratio Lower Upper

98 100

100 65.6 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 271.225 ug/l

RT: 7.784 min Scan# 2005

Delta R.T. -0.003 min

Lab File: VU054326.D

Acq: 30 May 2023 20:06

Instrument :

MSVOA_U

ClientSampleId :

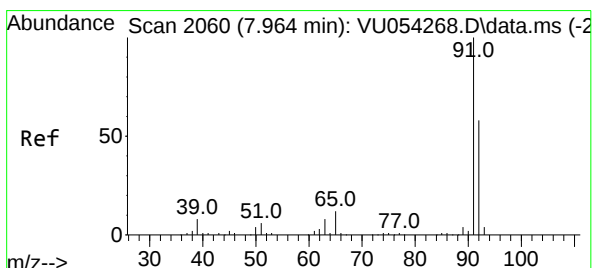
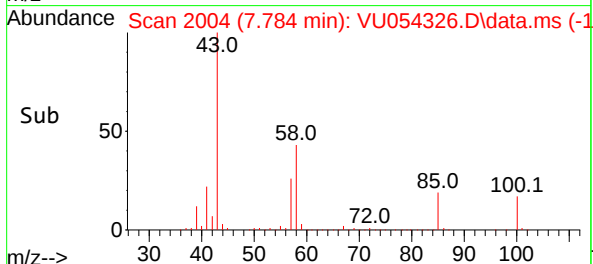
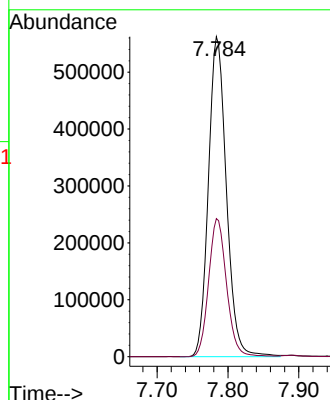
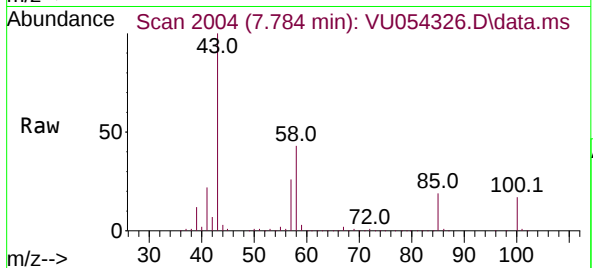
GM38-RW3-MW1-20230523MS

Tgt Ion: 43 Resp: 991297

Ion Ratio Lower Upper

43 100

58 43.0 34.7 52.1



#52

Toluene

Concen: 49.424 ug/l

RT: 7.964 min Scan# 2060

Delta R.T. -0.000 min

Lab File: VU054326.D

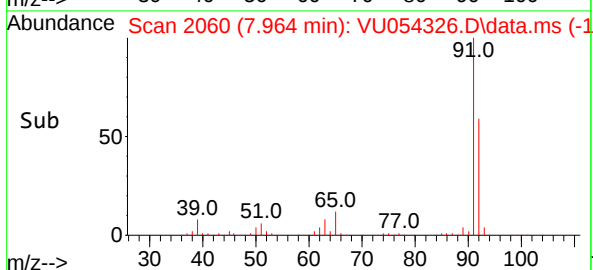
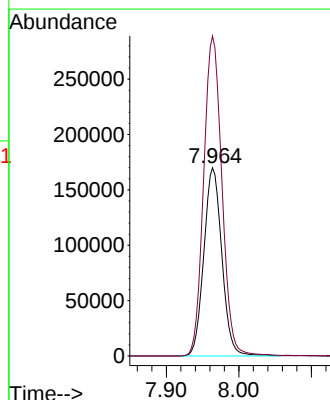
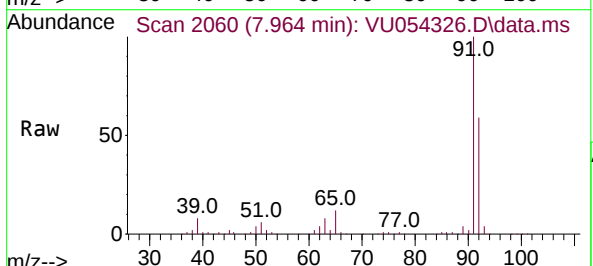
Acq: 30 May 2023 20:06

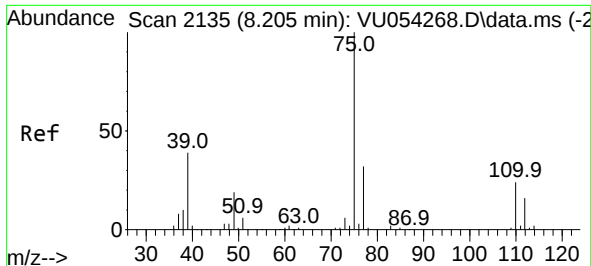
Tgt Ion: 92 Resp: 292864

Ion Ratio Lower Upper

92 100

91 172.8 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 34.323 ug/l

RT: 8.205 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU054326.D

Acq: 30 May 2023 20:06

Instrument :

MSVOA_U

ClientSampleId :

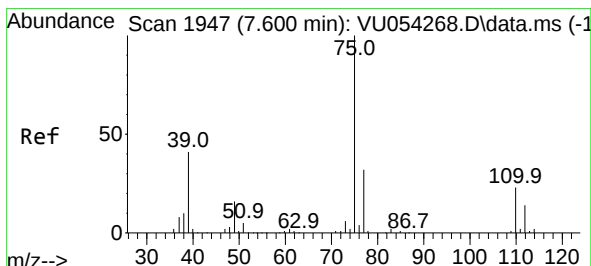
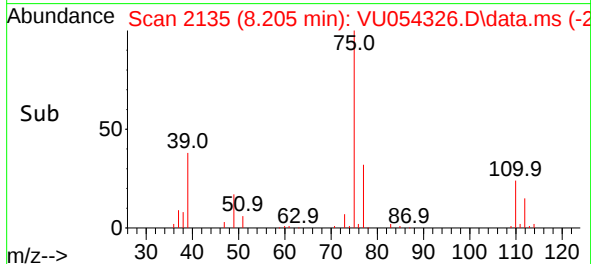
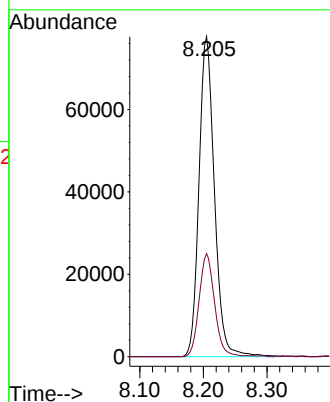
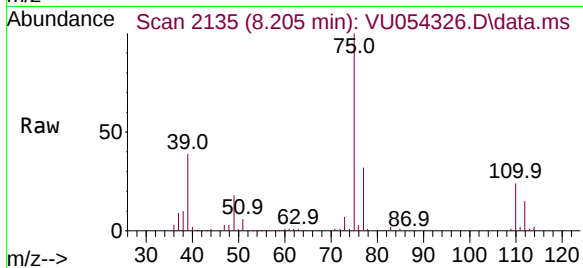
GM38-RW3-MW1-20230523MS

Tgt Ion: 75 Resp: 131050

Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 34.367 ug/l

RT: 7.600 min Scan# 1947

Delta R.T. 0.000 min

Lab File: VU054326.D

Acq: 30 May 2023 20:06

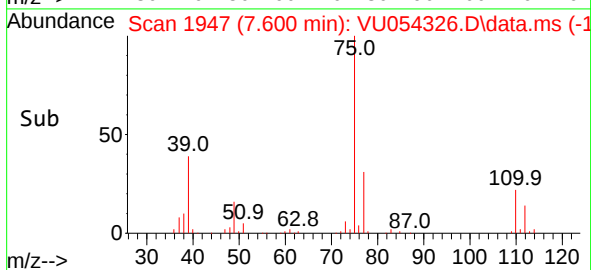
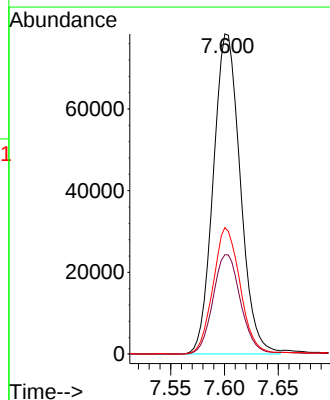
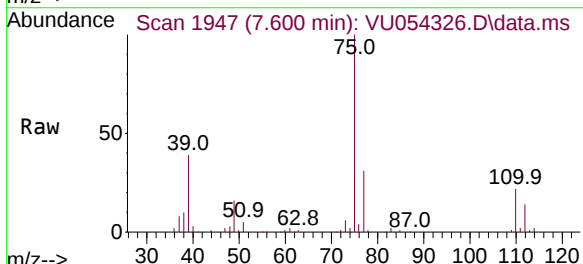
Tgt Ion: 75 Resp: 136939

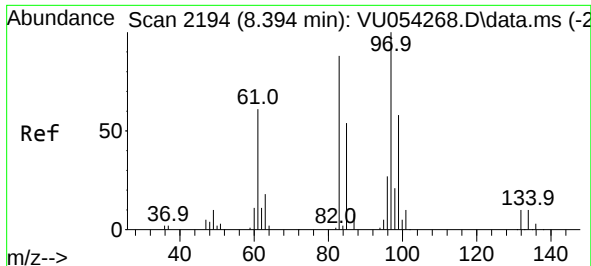
Ion Ratio Lower Upper

75 100

77 31.0 25.7 38.5

39 39.5 33.0 49.6

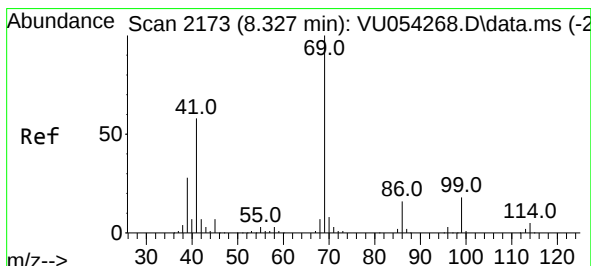
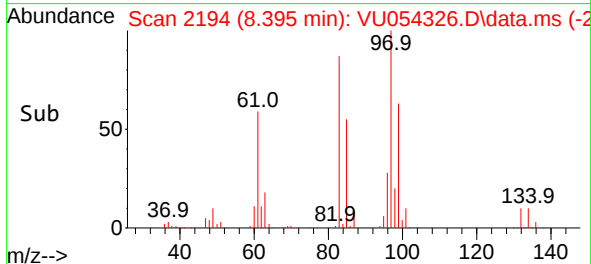
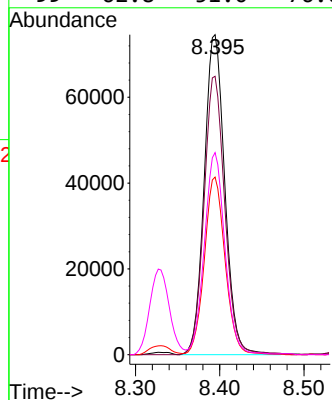
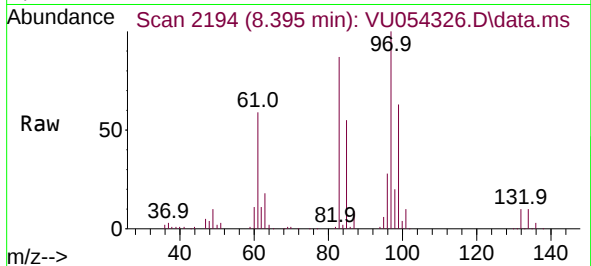




#55
1,1,2-Trichloroethane
Concen: 51.672 ug/l
RT: 8.395 min Scan# 2194
Delta R.T. 0.001 min
Lab File: VU054326.D
Acq: 30 May 2023 20:06

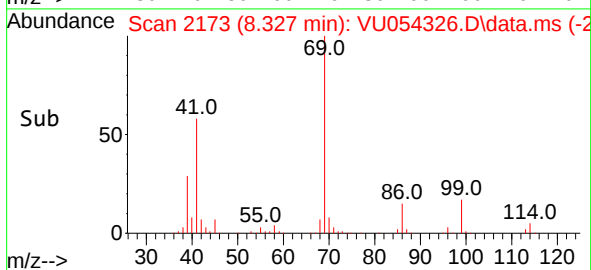
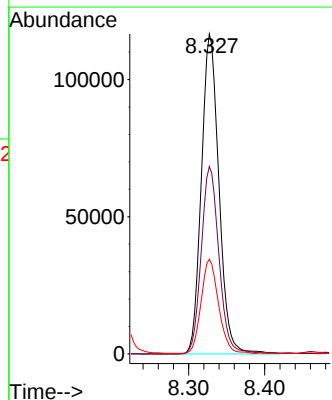
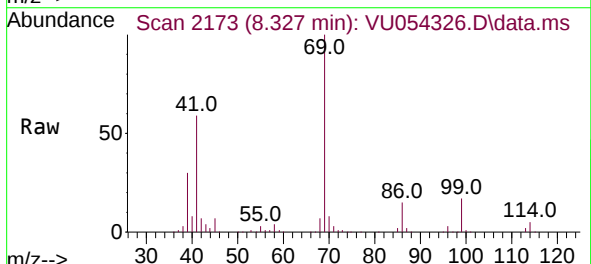
Instrument :
MSVOA_U
ClientSampleId :
GM38-RW3-MW1-20230523MS

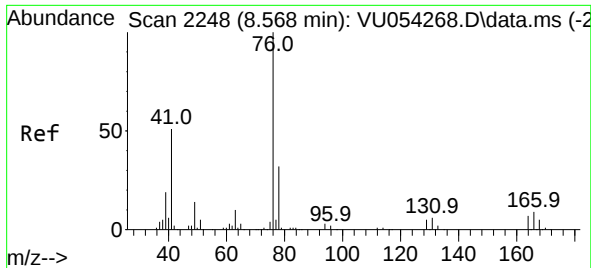
Tgt Ion:	97	Resp:	126891
Ion	Ratio	Lower	Upper
97	100		
83	87.0	70.2	105.4
85	55.3	44.6	66.8
99	62.8	51.0	76.6



#56
Ethyl methacrylate
Concen: 51.157 ug/l
RT: 8.327 min Scan# 2173
Delta R.T. 0.000 min
Lab File: VU054326.D
Acq: 30 May 2023 20:06

Tgt Ion:	69	Resp:	186999
Ion	Ratio	Lower	Upper
69	100		
41	59.2	45.4	68.0
39	29.1	25.7	38.5





#57

1,3-Dichloropropane

Concen: 50.721 ug/l

RT: 8.568 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054326.D

Acq: 30 May 2023 20:06

Instrument :

MSVOA_U

ClientSampleId :

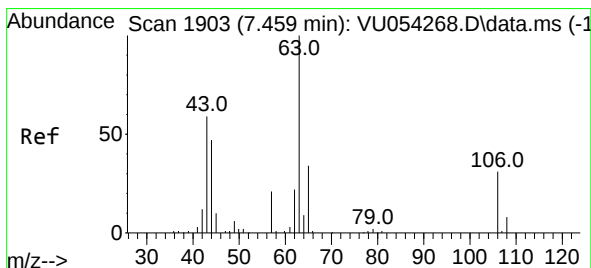
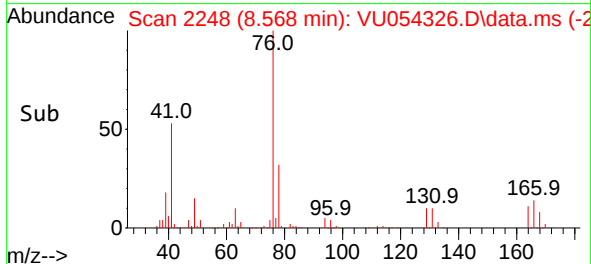
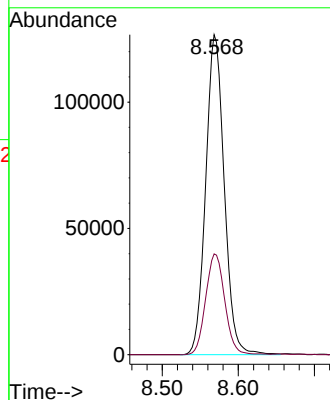
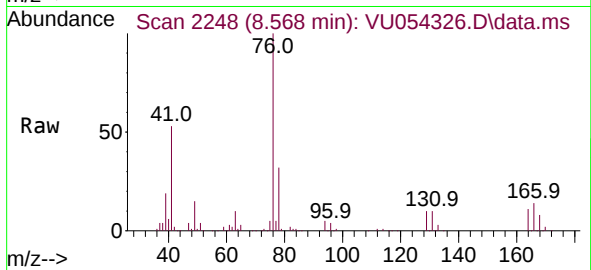
GM38-RW3-MW1-20230523MS

Tgt Ion: 76 Resp: 214500

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 3.891 ug/l

RT: 7.604 min Scan# 1948

Delta R.T. 0.145 min

Lab File: VU054326.D

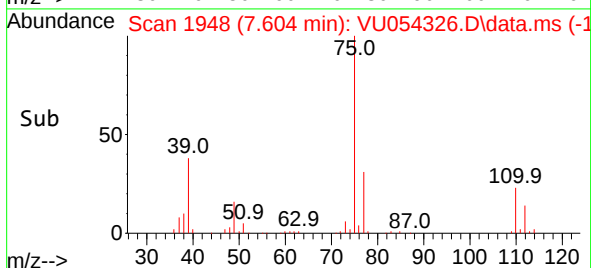
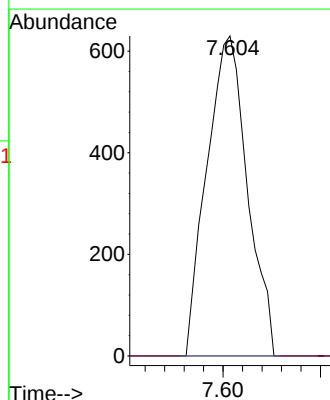
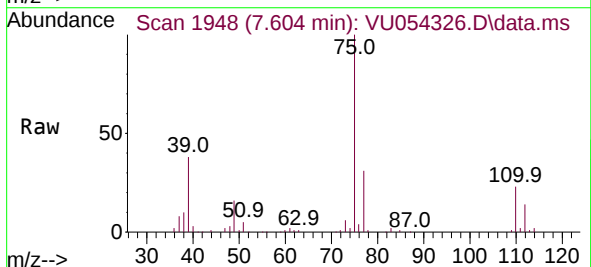
Acq: 30 May 2023 20:06

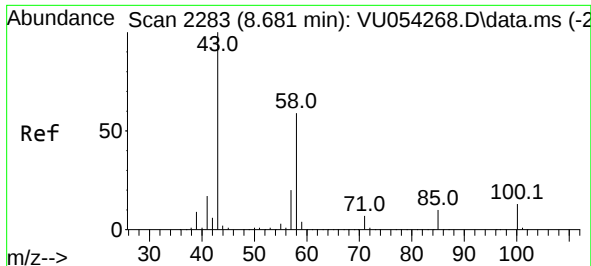
Tgt Ion: 63 Resp: 912

Ion Ratio Lower Upper

63 100

106 0.0 23.1 34.7#

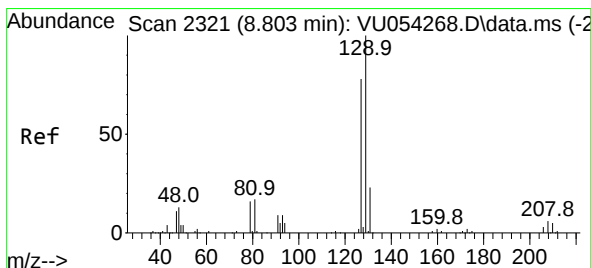
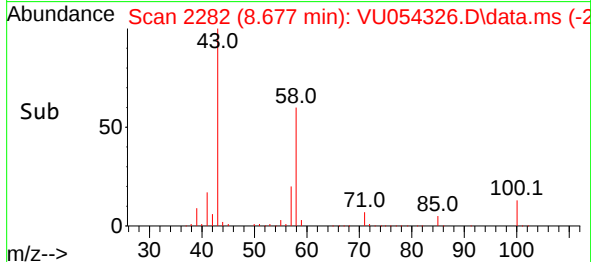
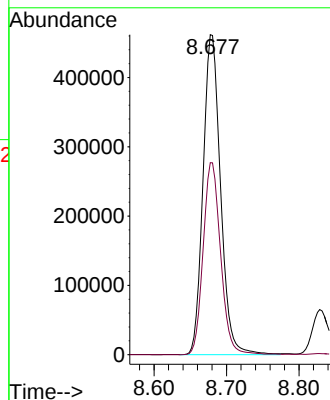
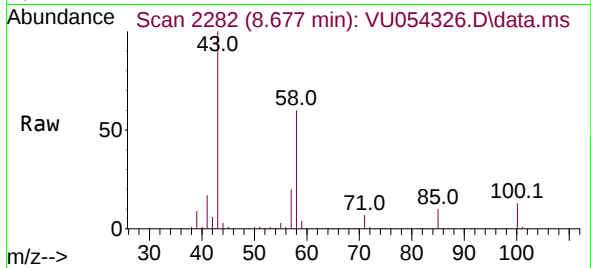




#59
2-Hexanone
Concen: 268.166 ug/l
RT: 8.677 min Scan# 21
Delta R.T. -0.004 min
Lab File: VU054326.D
Acq: 30 May 2023 20:06

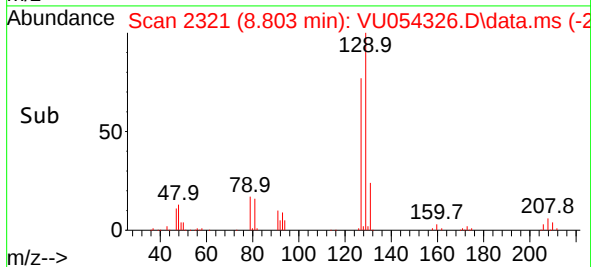
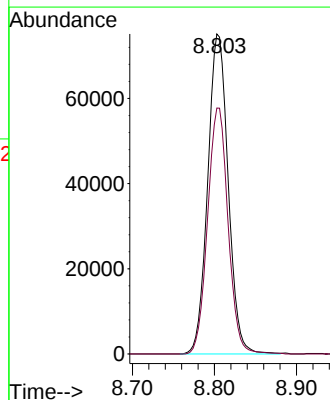
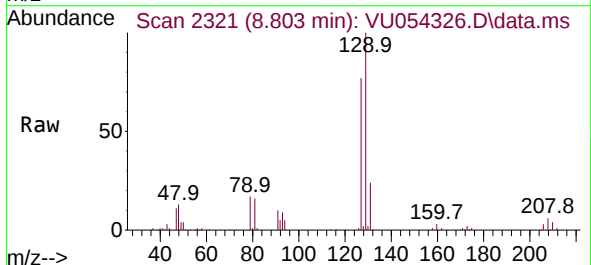
Instrument :
MSVOA_U
ClientSampleId :
GM38-RW3-MW1-20230523MS

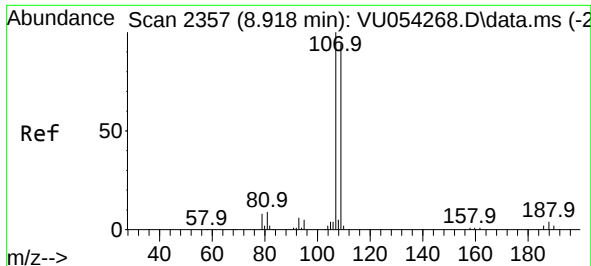
Tgt Ion: 43 Resp: 774245
Ion Ratio Lower Upper
43 100
58 60.0 30.3 90.8



#60
Dibromochloromethane
Concen: 52.202 ug/l
RT: 8.803 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VU054326.D
Acq: 30 May 2023 20:06

Tgt Ion:129 Resp: 130243
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0

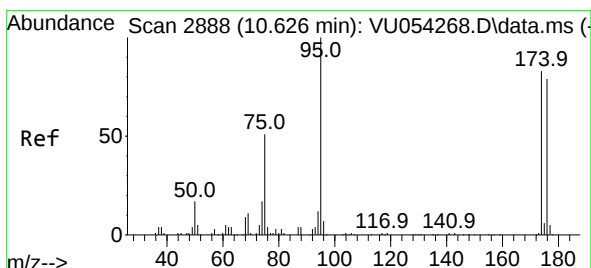
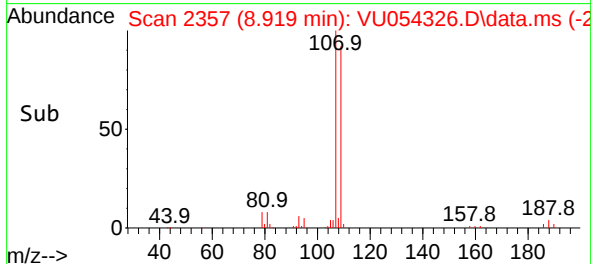
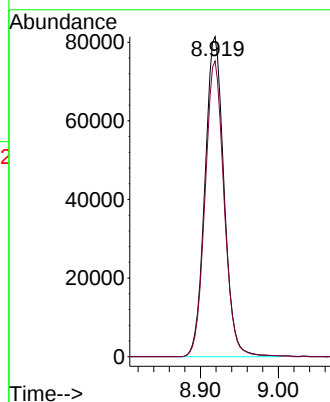
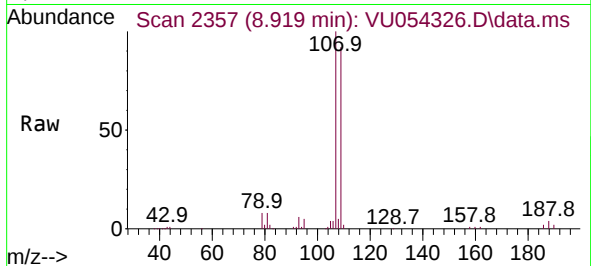




#61
1,2-Dibromoethane
Concen: 51.702 ug/l
RT: 8.919 min Scan# 21
Delta R.T. 0.001 min
Lab File: VU054326.D
Acq: 30 May 2023 20:06

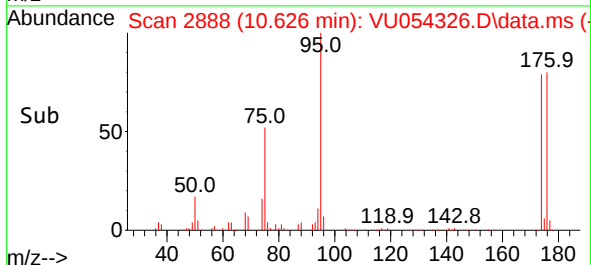
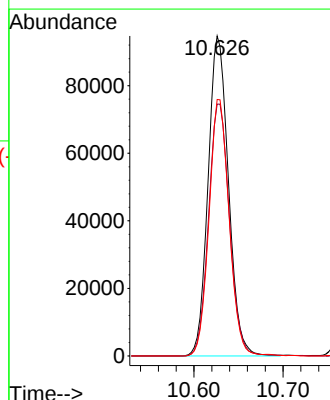
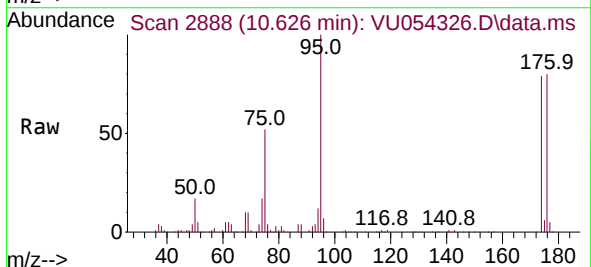
Instrument :
MSVOA_U
ClientSampleId :
GM38-RW3-MW1-20230523MS

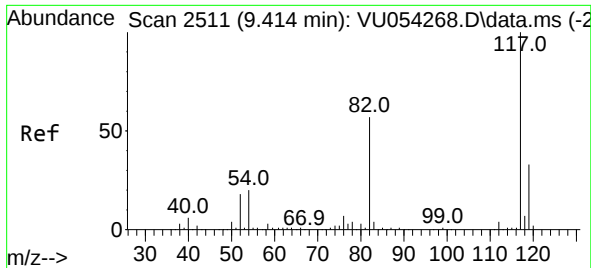
Tgt Ion:107 Resp: 138180
Ion Ratio Lower Upper
107 100
109 92.7 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 49.080 ug/l
RT: 10.626 min Scan# 2888
Delta R.T. -0.000 min
Lab File: VU054326.D
Acq: 30 May 2023 20:06

Tgt Ion: 95 Resp: 150148
Ion Ratio Lower Upper
95 100
174 81.0 0.0 182.0
176 79.0 0.0 177.8

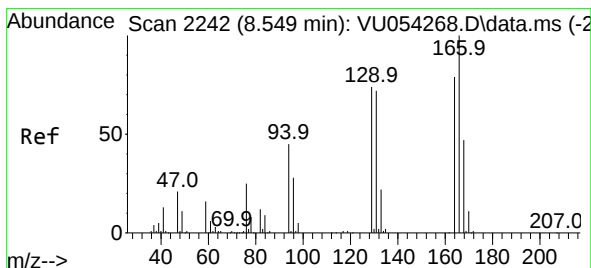
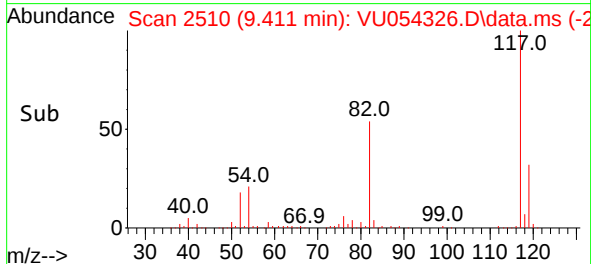
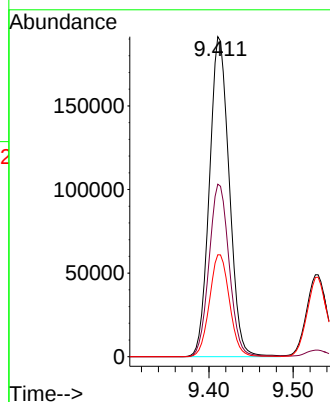
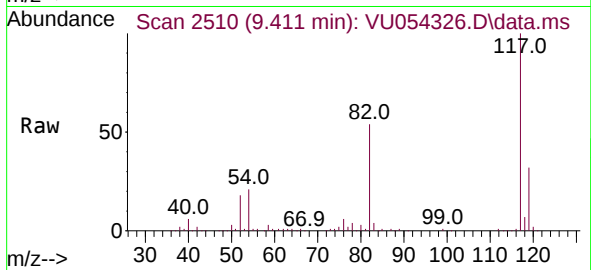




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.411 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU054326.D
Acq: 30 May 2023 20:06

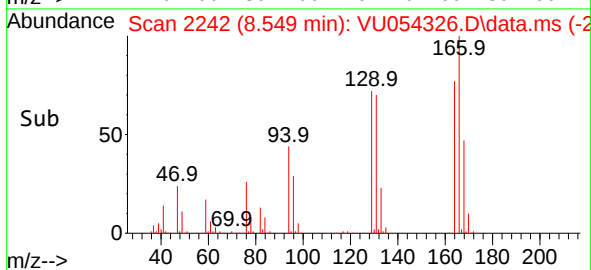
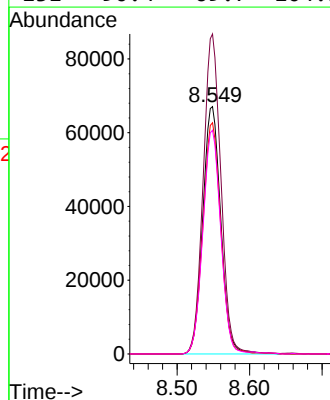
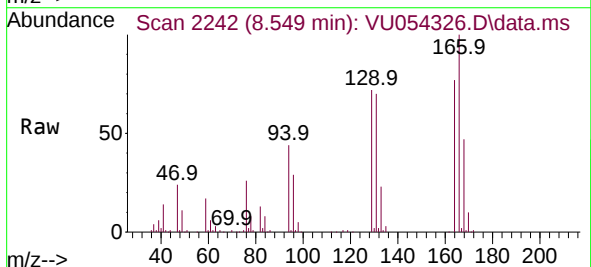
Instrument :
MSVOA_U
ClientSampleId :
GM38-RW3-MW1-20230523MS

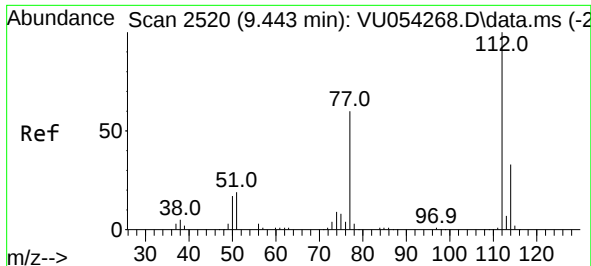
Tgt Ion:117 Resp: 312750
Ion Ratio Lower Upper
117 100
82 53.9 41.7 62.5
119 31.8 25.7 38.5



#64
Tetrachloroethene
Concen: 49.193 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU054326.D
Acq: 30 May 2023 20:06

Tgt Ion:164 Resp: 115793
Ion Ratio Lower Upper
164 100
166 129.4 100.0 150.0
129 93.5 72.0 108.0
131 90.4 69.7 104.5

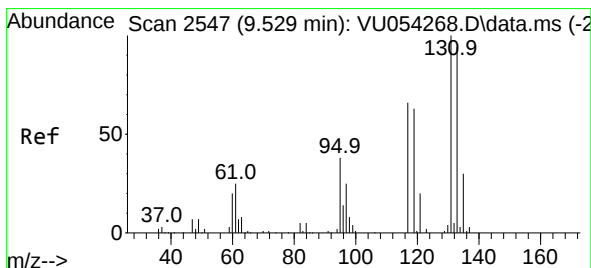
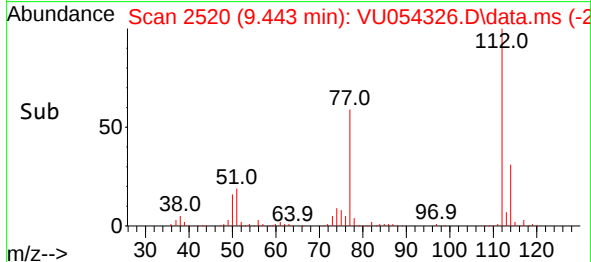
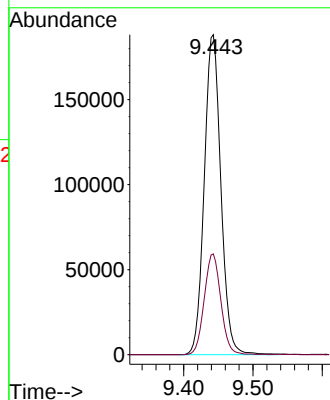
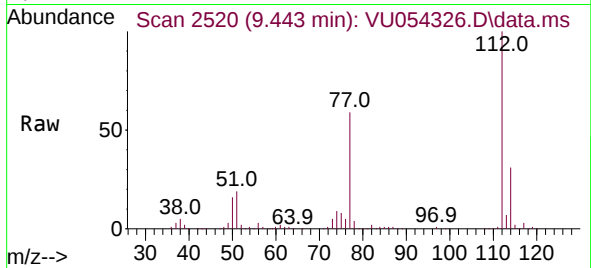




#65
Chlorobenzene
Concen: 47.816 ug/l
RT: 9.443 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054326.D
Acq: 30 May 2023 20:06

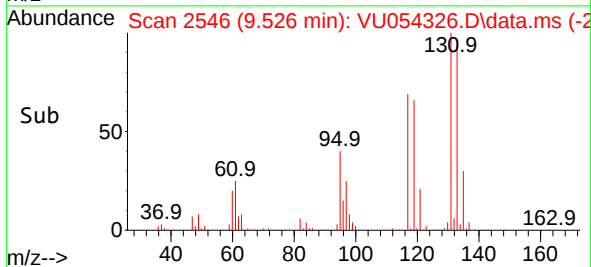
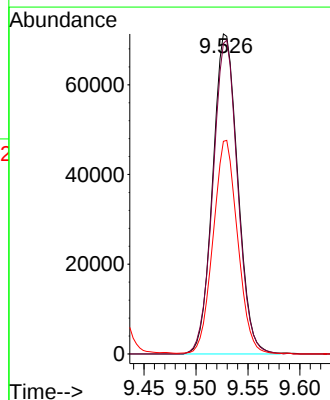
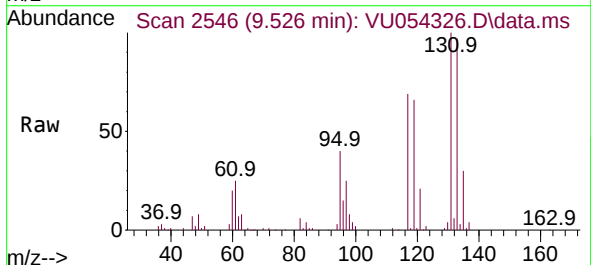
Instrument :
MSVOA_U
ClientSampleId :
GM38-RW3-MW1-20230523MS

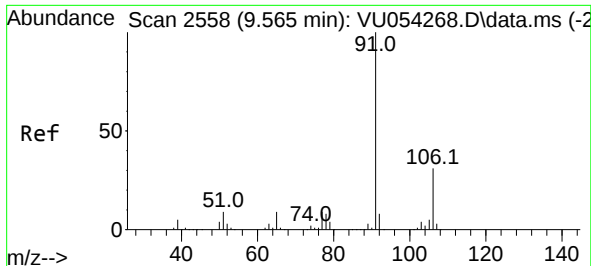
Tgt Ion:112 Resp: 312626
Ion Ratio Lower Upper
112 100
114 31.5 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.390 ug/l
RT: 9.526 min Scan# 2546
Delta R.T. -0.003 min
Lab File: VU054326.D
Acq: 30 May 2023 20:06

Tgt Ion:131 Resp: 119519
Ion Ratio Lower Upper
131 100
133 97.1 48.4 145.0
119 64.9 33.9 101.6





#67

Ethyl Benzene

Concen: 48.498 ug/l

RT: 9.565 min Scan# 2558

Delta R.T. -0.000 min

Lab File: VU054326.D

Acq: 30 May 2023 20:06

Instrument :

MSVOA_U

ClientSampleId :

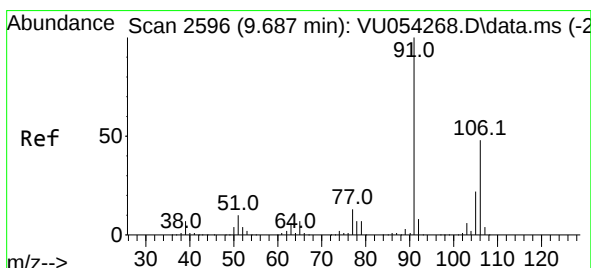
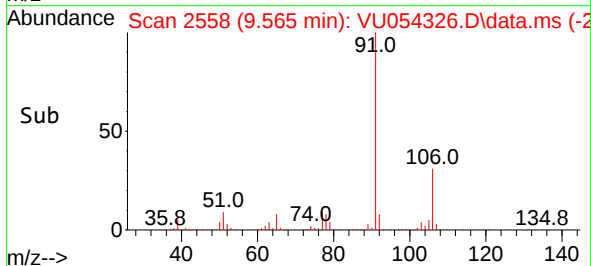
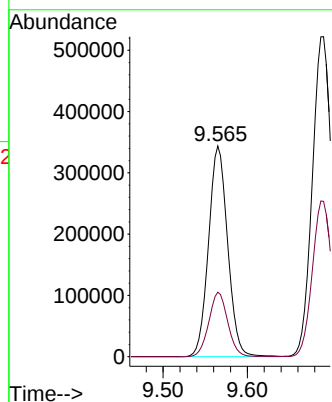
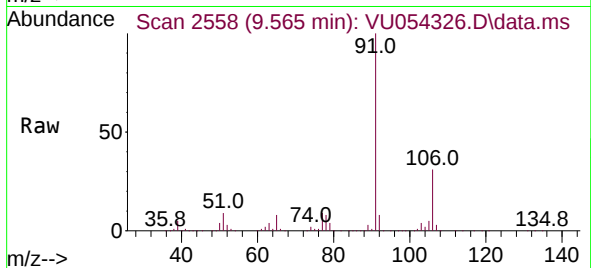
GM38-RW3-MW1-20230523MS

Tgt Ion: 91 Resp: 542110

Ion Ratio Lower Upper

91 100

106 30.6 25.6 38.4



#68

m/p-Xylenes

Concen: 99.508 ug/l

RT: 9.687 min Scan# 2596

Delta R.T. 0.000 min

Lab File: VU054326.D

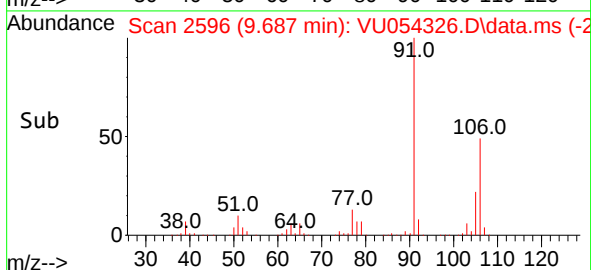
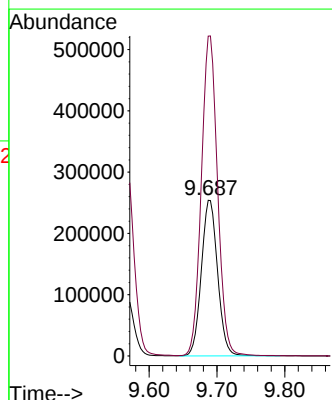
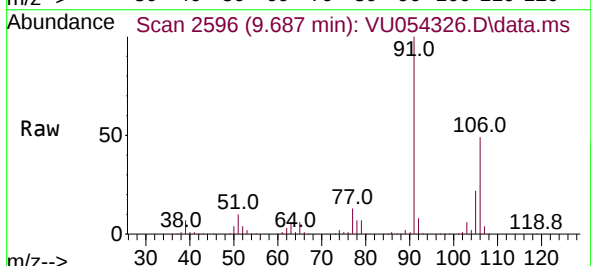
Acq: 30 May 2023 20:06

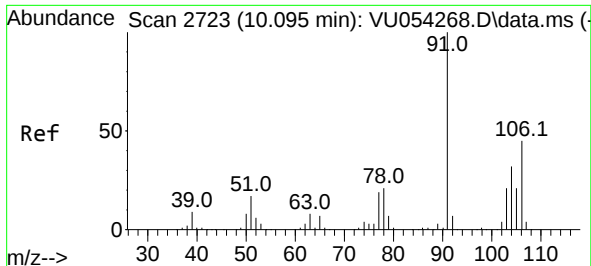
Tgt Ion:106 Resp: 421616

Ion Ratio Lower Upper

106 100

91 205.2 157.2 235.8

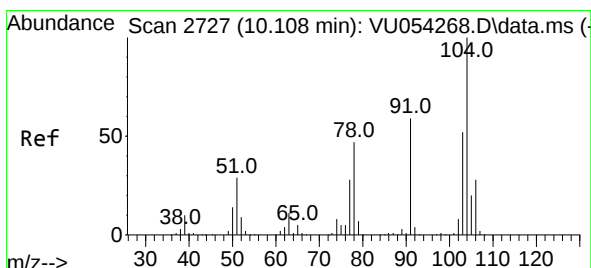
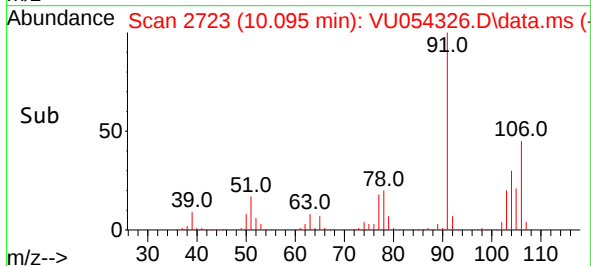
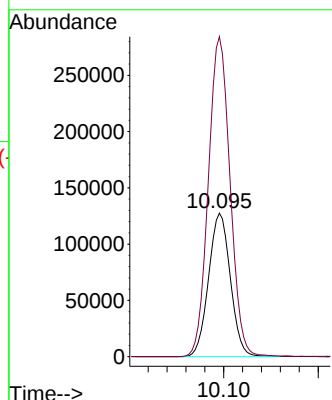
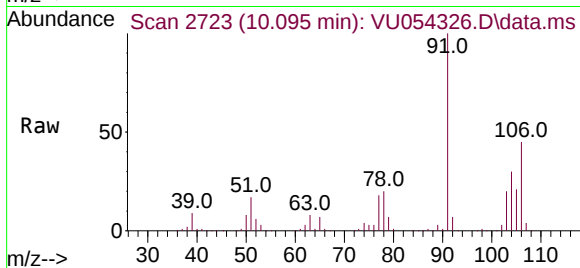




#69
o-Xylene
Concen: 49.763 ug/l
RT: 10.095 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054326.D
Acq: 30 May 2023 20:06

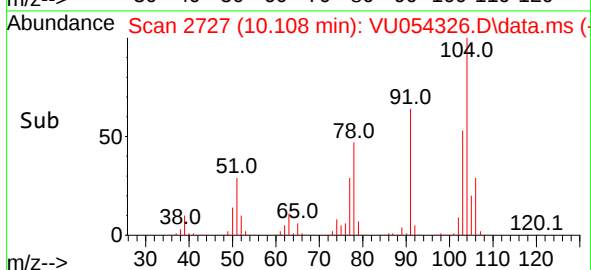
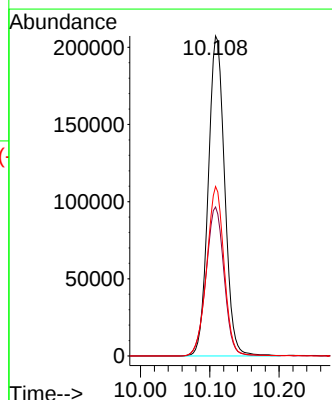
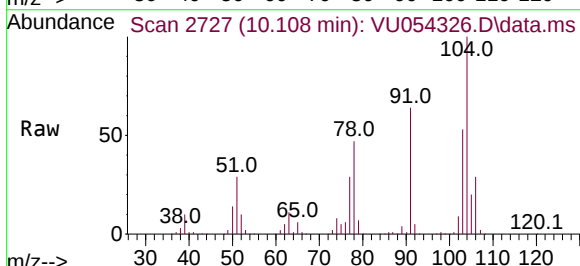
Instrument :
MSVOA_U
ClientSampleId :
GM38-RW3-MW1-20230523MS

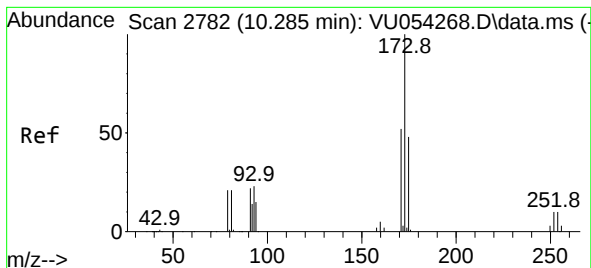
Tgt Ion:106 Resp: 204105
Ion Ratio Lower Upper
106 100
91 222.8 103.5 310.5



#70
Styrene
Concen: 50.167 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU054326.D
Acq: 30 May 2023 20:06

Tgt Ion:104 Resp: 341230
Ion Ratio Lower Upper
104 100
78 51.2 38.0 57.0
103 56.1 43.9 65.9





#71

Bromoform

Concen: 50.389 ug/l

RT: 10.285 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054326.D

Acq: 30 May 2023 20:06

Instrument :

MSVOA_U

ClientSampleId :

GM38-RW3-MW1-20230523MS

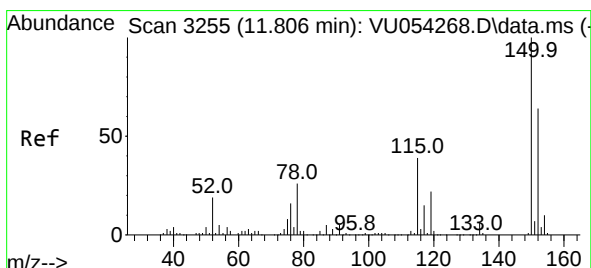
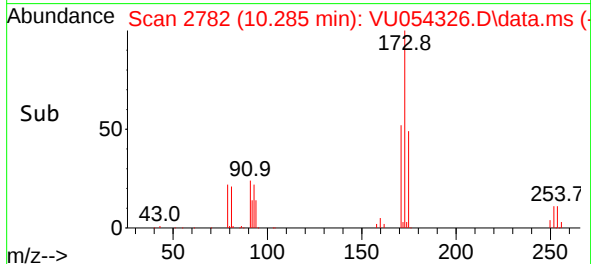
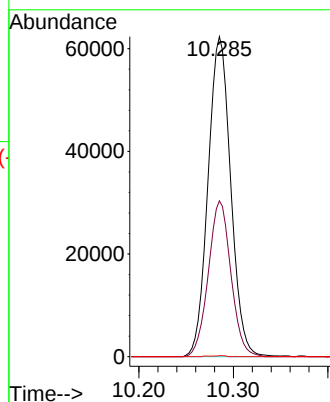
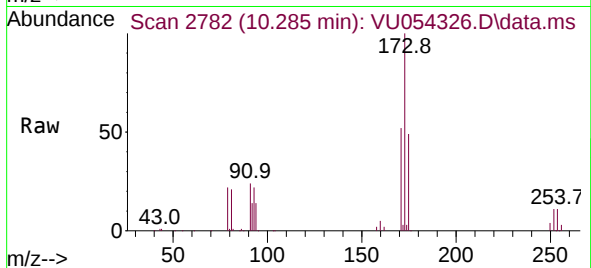
Tgt Ion:173 Resp: 103860

Ion Ratio Lower Upper

173 100

175 48.4 24.1 72.2

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.806 min Scan# 3255

Delta R.T. -0.000 min

Lab File: VU054326.D

Acq: 30 May 2023 20:06

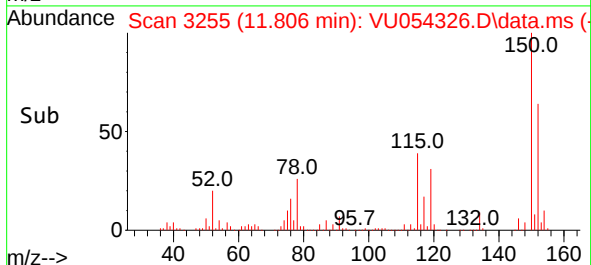
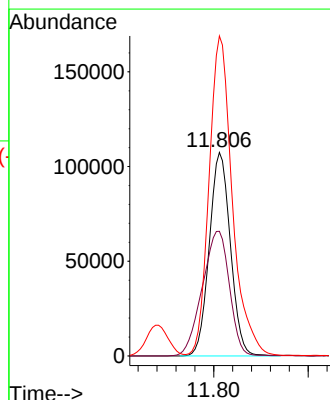
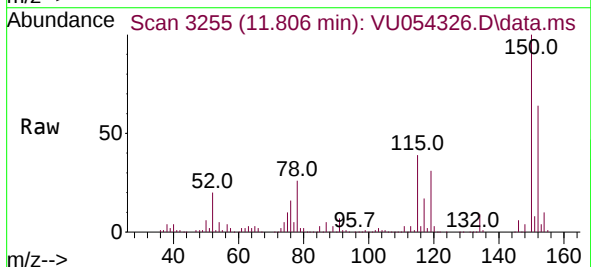
Tgt Ion:152 Resp: 166575

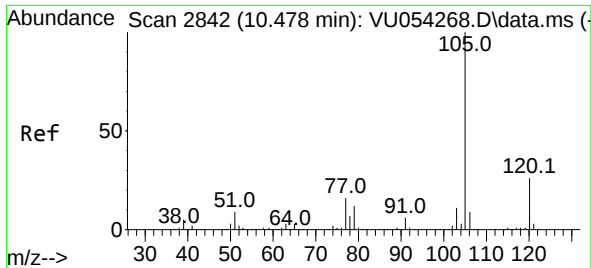
Ion Ratio Lower Upper

152 100

115 78.8 37.0 110.9

150 173.0 0.0 342.2

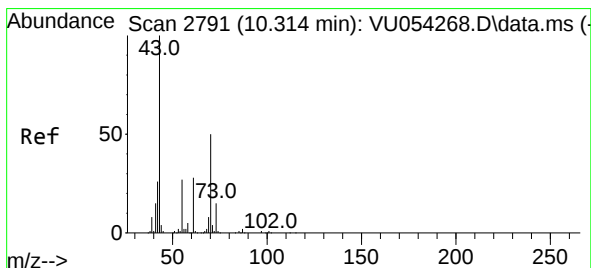
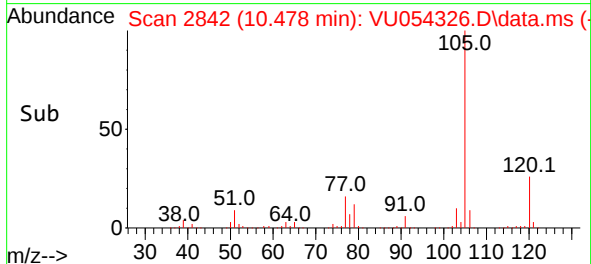
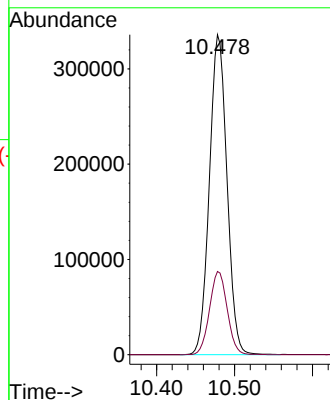
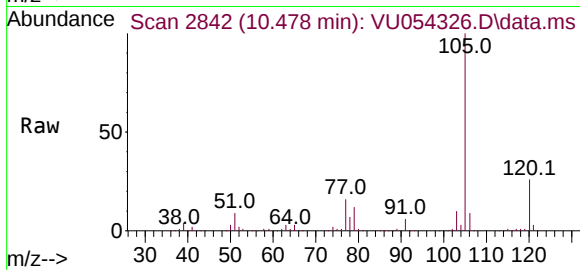




#73
Isopropylbenzene
Concen: 50.937 ug/l
RT: 10.478 min Scan# 2842
Delta R.T. 0.000 min
Lab File: VU054326.D
Acq: 30 May 2023 20:06

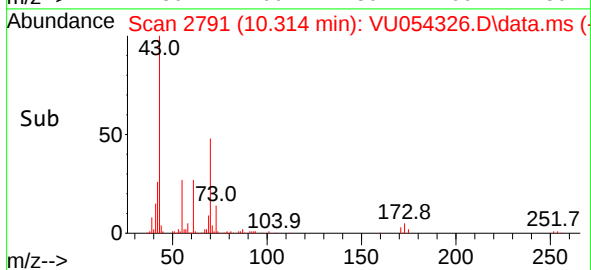
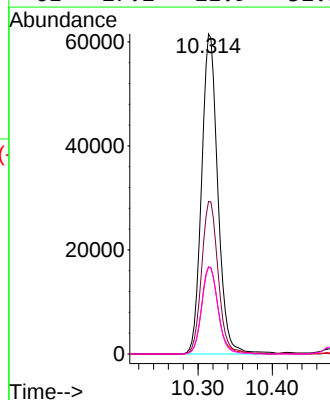
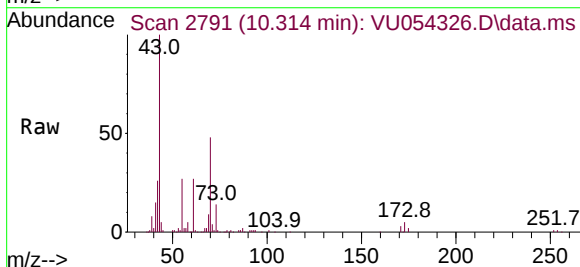
Instrument :
MSVOA_U
ClientSampleId :
GM38-RW3-MW1-20230523MS

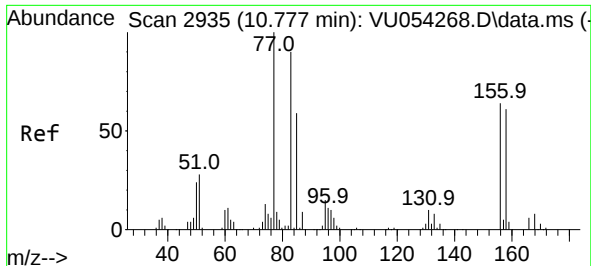
Tgt Ion:105 Resp: 525472
Ion Ratio Lower Upper
105 100
120 26.1 13.8 41.4



#74
N-ethyl acetate
Concen: 21.356 ug/l
RT: 10.314 min Scan# 2791
Delta R.T. 0.000 min
Lab File: VU054326.D
Acq: 30 May 2023 20:06

Tgt Ion: 43 Resp: 93549
Ion Ratio Lower Upper
43 100
70 48.6 38.7 58.1
55 28.1 21.8 32.8
61 27.2 21.9 32.9

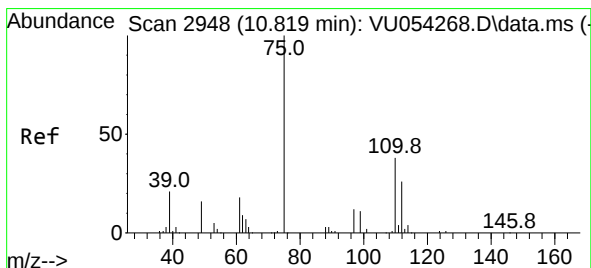
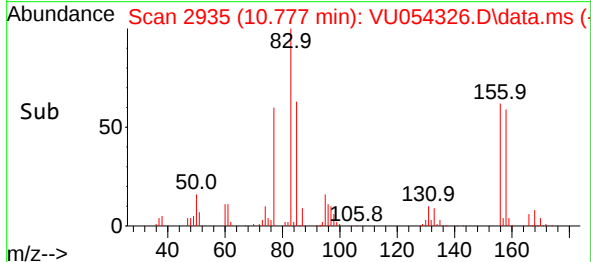
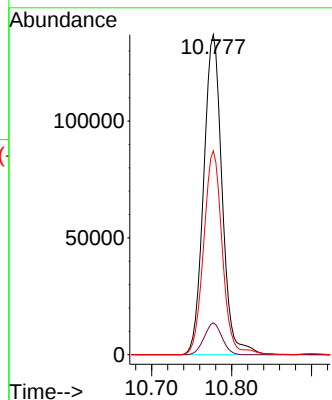
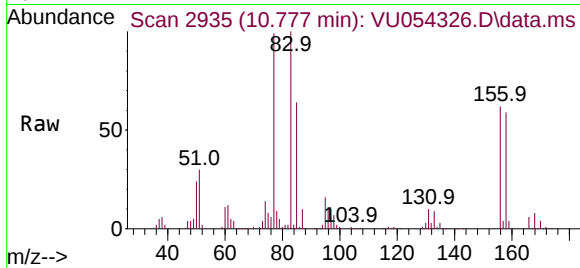




#75
1,1,2,2-Tetrachloroethane
Concen: 52.679 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VU054326.D
Acq: 30 May 2023 20:06

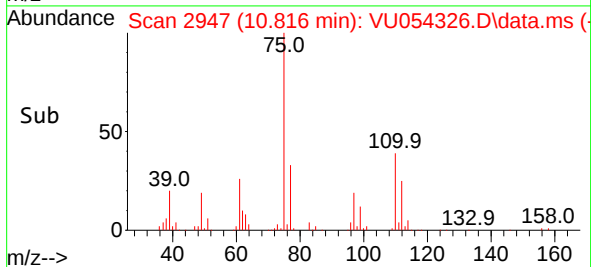
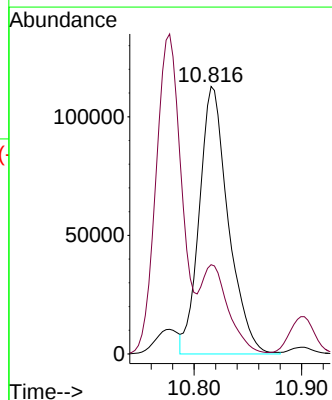
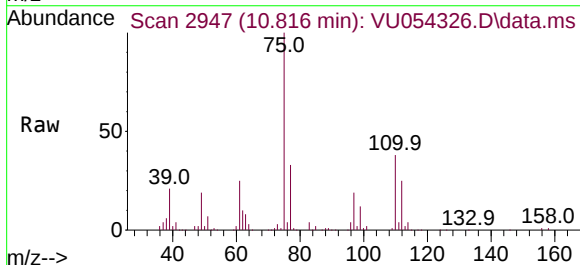
Instrument :
MSVOA_U
ClientSampleId :
GM38-RW3-MW1-20230523MS

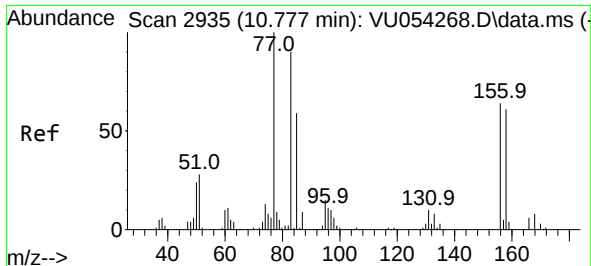
Tgt Ion: 83 Resp: 219899
Ion Ratio Lower Upper
83 100
131 9.6 5.1 15.4
85 64.3 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 43.390 ug/l
RT: 10.816 min Scan# 2947
Delta R.T. -0.003 min
Lab File: VU054326.D
Acq: 30 May 2023 20:06

Tgt Ion: 75 Resp: 210945
Ion Ratio Lower Upper
75 100
77 30.5 15.8 47.3

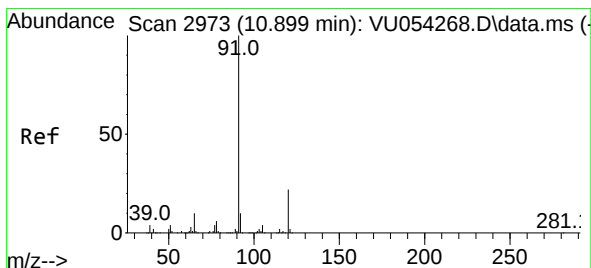
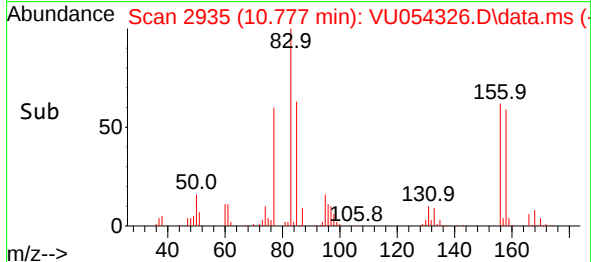
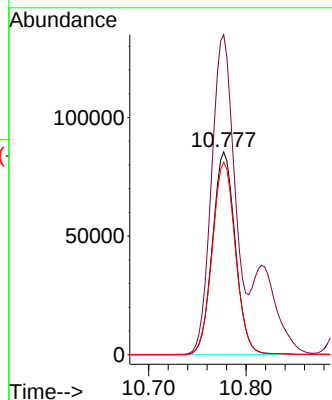
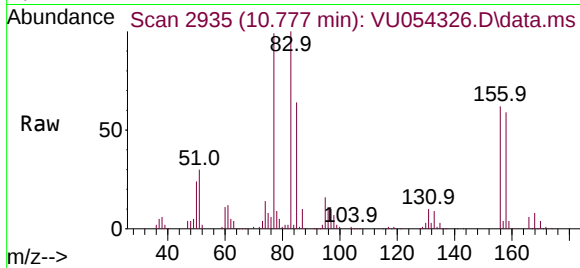




#77
Bromobenzene
Concen: 49.190 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VU054326.D
Acq: 30 May 2023 20:06

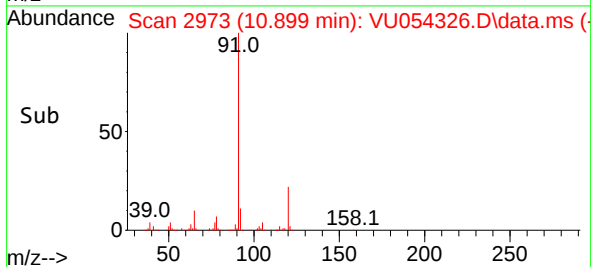
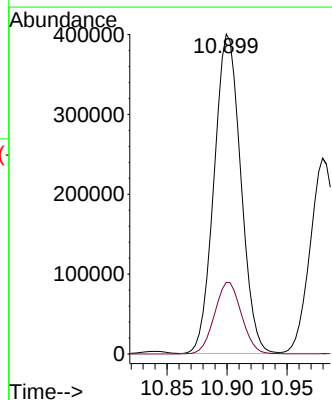
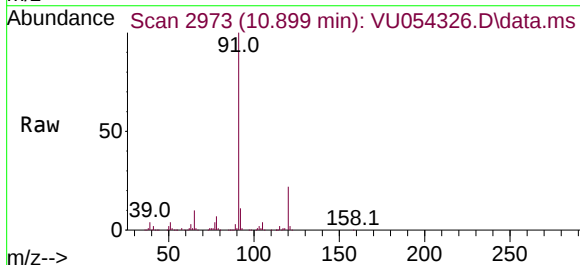
Instrument :
MSVOA_U
ClientSampleId :
GM38-RW3-MW1-20230523MS

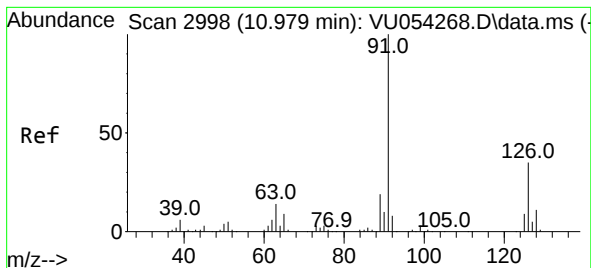
Tgt Ion:156 Resp: 139352
Ion Ratio Lower Upper
156 100
77 162.0 71.9 215.6
158 96.5 48.9 146.8



#78
n-propylbenzene
Concen: 48.966 ug/l
RT: 10.899 min Scan# 2973
Delta R.T. 0.000 min
Lab File: VU054326.D
Acq: 30 May 2023 20:06

Tgt Ion: 91 Resp: 618805
Ion Ratio Lower Upper
91 100
120 22.7 11.9 35.5





#79

2-Chlorotoluene

Concen: 49.774 ug/l

RT: 10.980 min Scan# 2998

Delta R.T. 0.001 min

Lab File: VU054326.D

Acq: 30 May 2023 20:06

Instrument :

MSVOA_U

ClientSampleId :

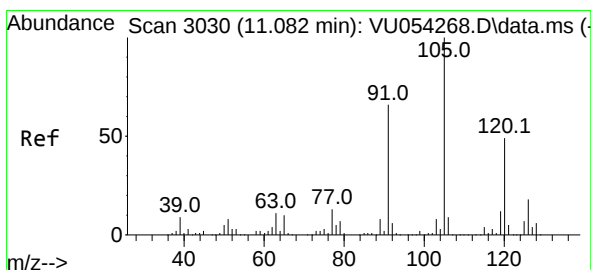
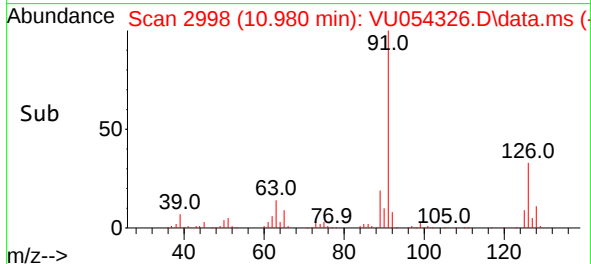
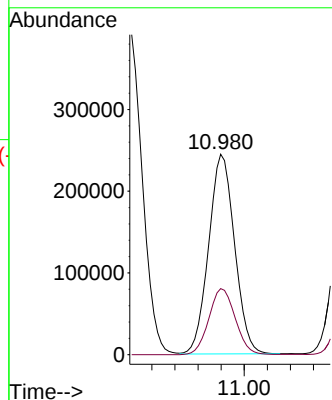
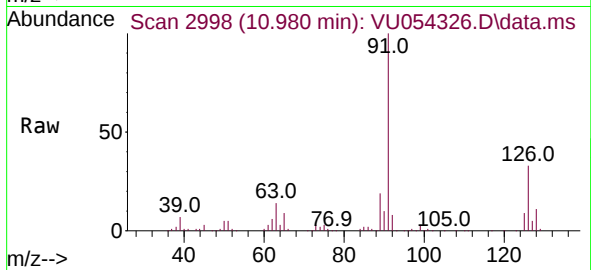
GM38-RW3-MW1-20230523MS

Tgt Ion: 91 Resp: 380823

Ion Ratio Lower Upper

91 100

126 33.7 18.4 55.0



#80

1,3,5-Trimethylbenzene

Concen: 50.835 ug/l

RT: 11.083 min Scan# 3030

Delta R.T. 0.001 min

Lab File: VU054326.D

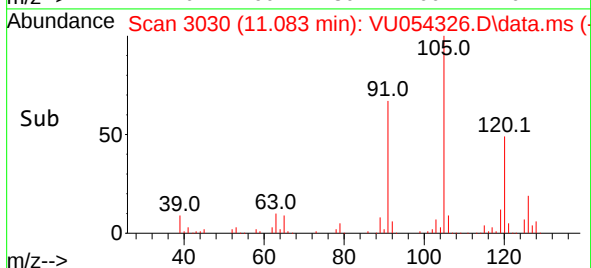
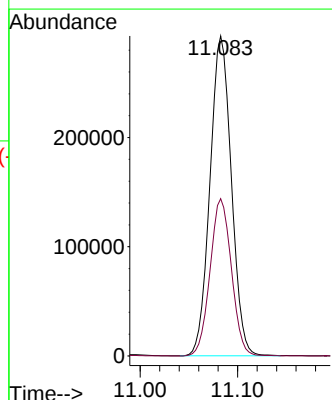
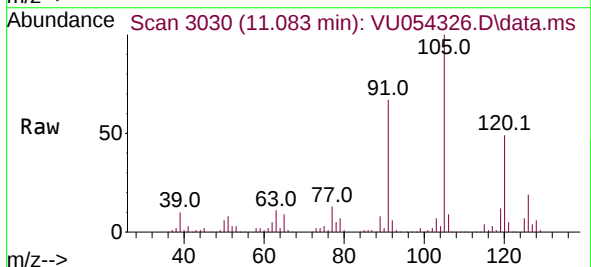
Acq: 30 May 2023 20:06

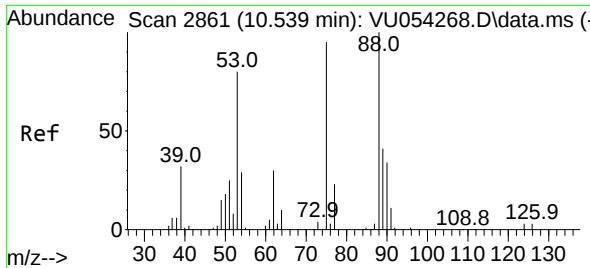
Tgt Ion:105 Resp: 445978

Ion Ratio Lower Upper

105 100

120 49.2 25.3 75.9

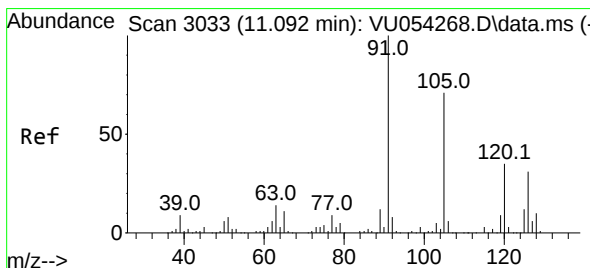
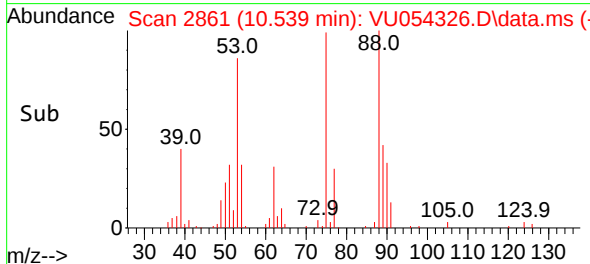
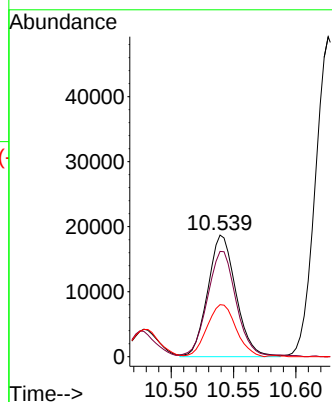
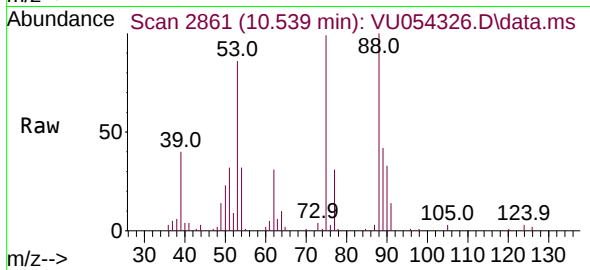




#81
trans-1,4-Dichloro-2-butene
Concen: 23.023 ug/l
RT: 10.539 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VU054326.D
Acq: 30 May 2023 20:06

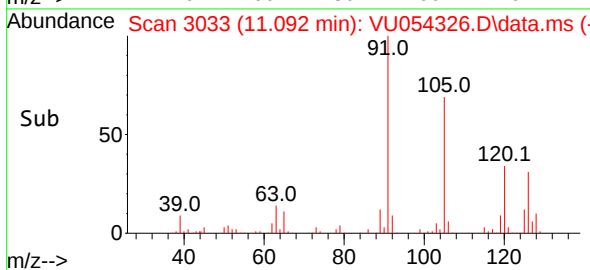
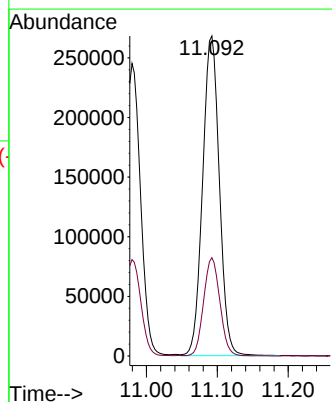
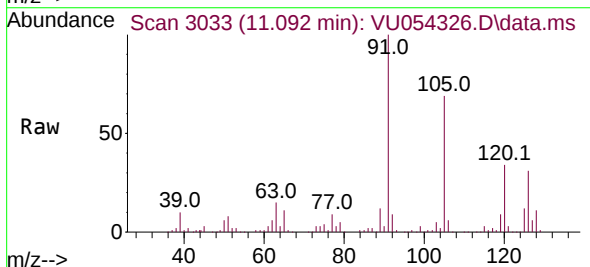
Instrument :
MSVOA_U
ClientSampleId :
GM38-RW3-MW1-20230523MS

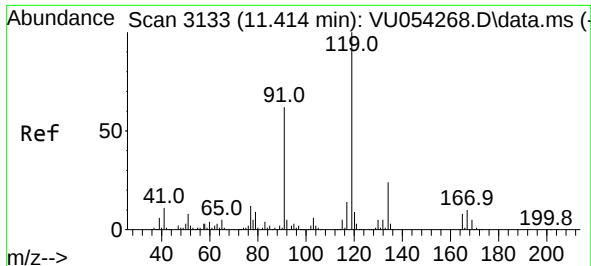
Tgt Ion:	75	Resp:	29394
Ion	Ratio	Lower	Upper
75	100		
53	89.4	69.2	103.8
89	44.1	37.0	55.6



#82
4-Chlorotoluene
Concen: 48.956 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU054326.D
Acq: 30 May 2023 20:06

Tgt Ion:	91	Resp:	439479
Ion	Ratio	Lower	Upper
91	100		
126	29.7	16.1	48.2

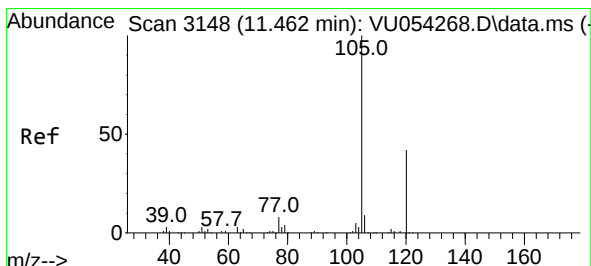
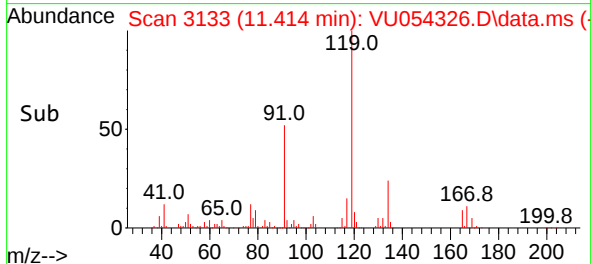
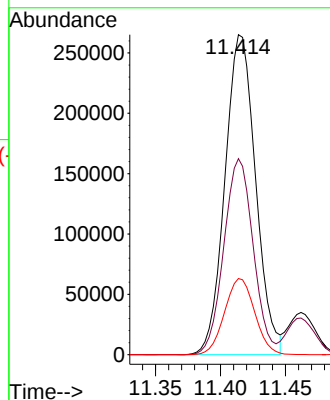
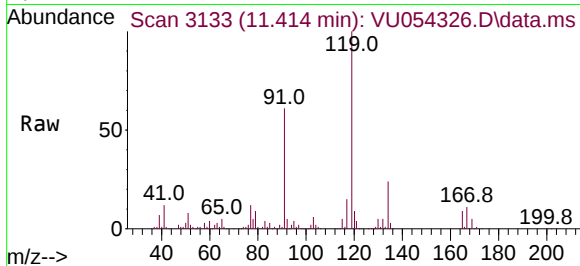




#83
tert-Butylbenzene
Concen: 49.768 ug/l
RT: 11.414 min Scan# 3133
Delta R.T. -0.000 min
Lab File: VU054326.D
Acq: 30 May 2023 20:06

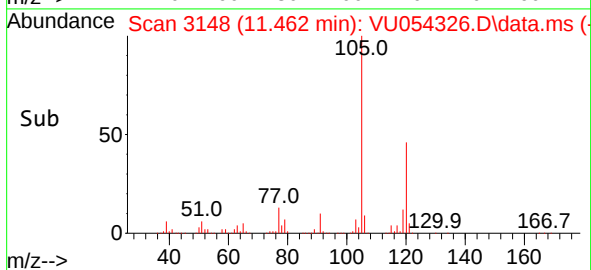
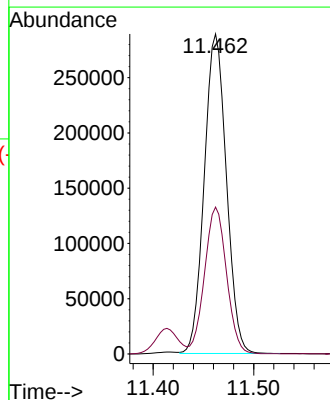
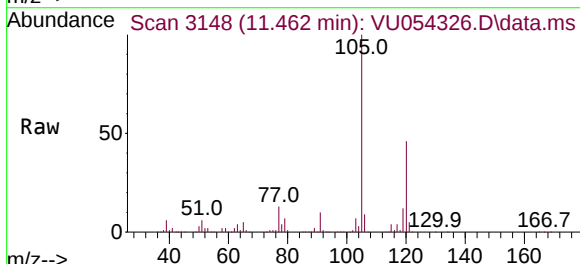
Instrument :
MSVOA_U
ClientSampleId :
GM38-RW3-MW1-20230523MS

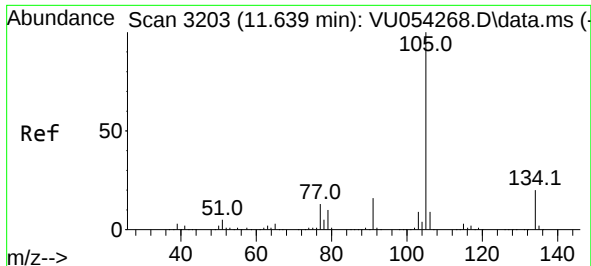
Tgt Ion:	119	Resp:	436606
Ion	Ratio	Lower	Upper
119	100		
91	58.6	26.8	80.3
134	23.4	11.5	34.5



#84
1,2,4-Trimethylbenzene
Concen: 50.646 ug/l
RT: 11.462 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU054326.D
Acq: 30 May 2023 20:06

Tgt Ion:	105	Resp:	442040
Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.4	70.3

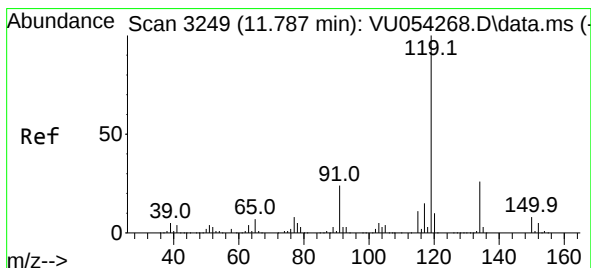
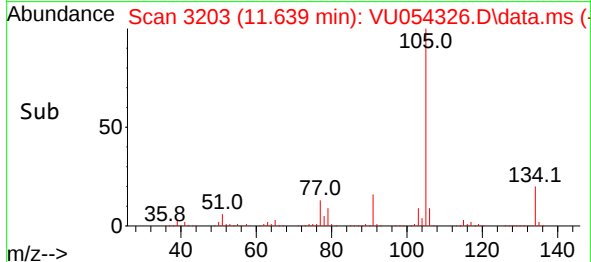
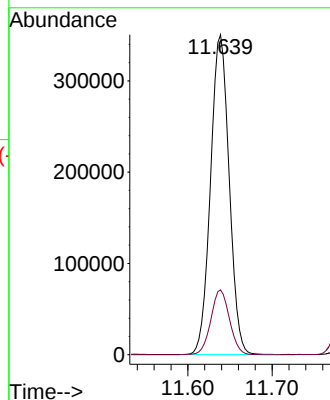
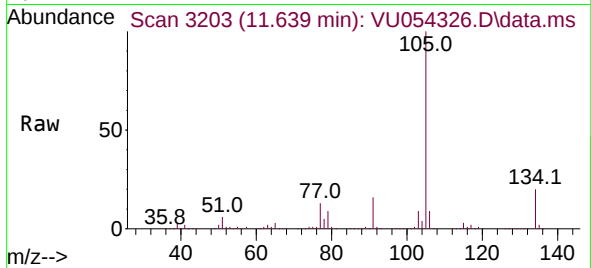




#85
 sec-Butylbenzene
 Concen: 48.237 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU054326.D
 Acq: 30 May 2023 20:06

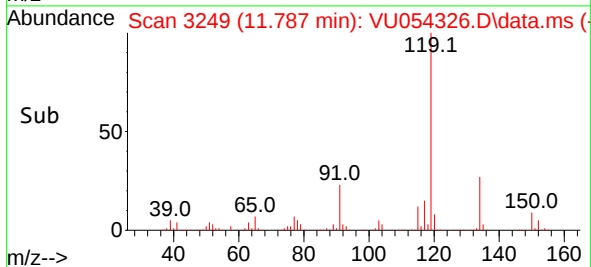
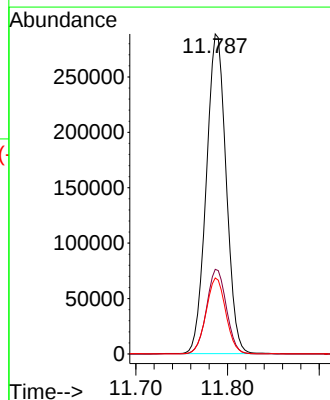
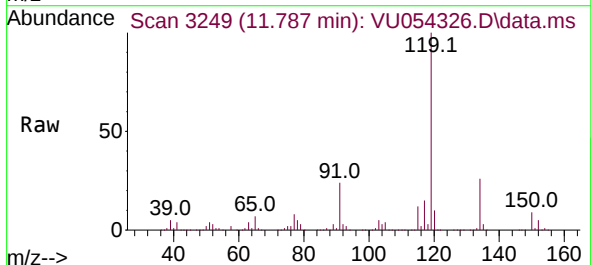
Instrument :
 MSVOA_U
 ClientSampleId :
 GM38-RW3-MW1-20230523MS

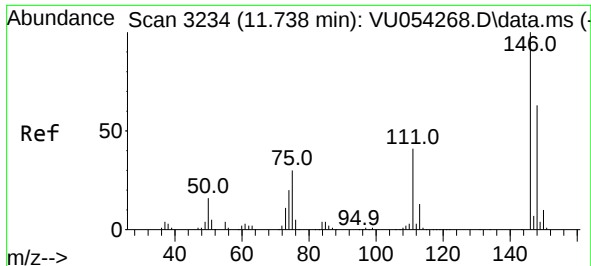
Tgt Ion:105 Resp: 536963
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 46.216 ug/l
 RT: 11.787 min Scan# 3249
 Delta R.T. -0.000 min
 Lab File: VU054326.D
 Acq: 30 May 2023 20:06

Tgt Ion:119 Resp: 432712
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.5 40.4
 91 23.6 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 46.994 ug/l

RT: 11.742 min Scan# 31

Delta R.T. 0.004 min

Lab File: VU054326.D

Acq: 30 May 2023 20:06

Instrument :

MSVOA_U

ClientSampleId :

GM38-RW3-MW1-20230523MS

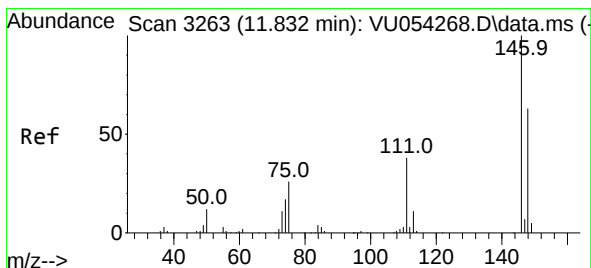
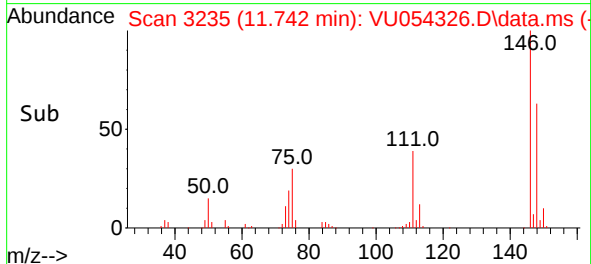
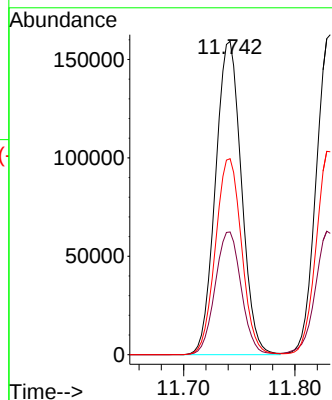
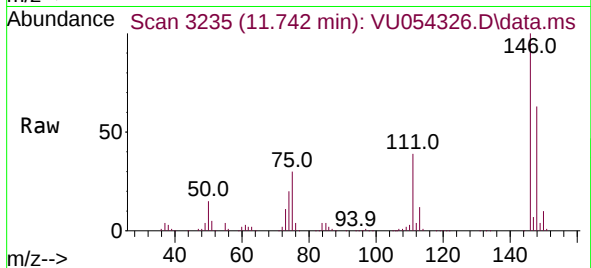
Tgt Ion:146 Resp: 257774

Ion Ratio Lower Upper

146 100

111 39.5 18.9 56.5

148 63.1 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 44.796 ug/l

RT: 11.832 min Scan# 3263

Delta R.T. -0.000 min

Lab File: VU054326.D

Acq: 30 May 2023 20:06

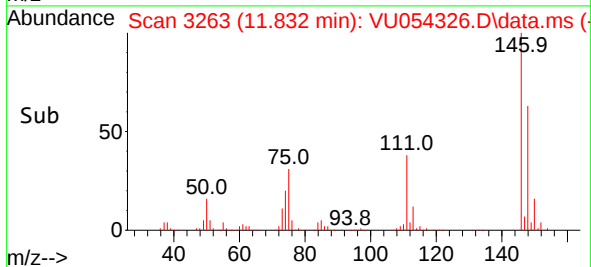
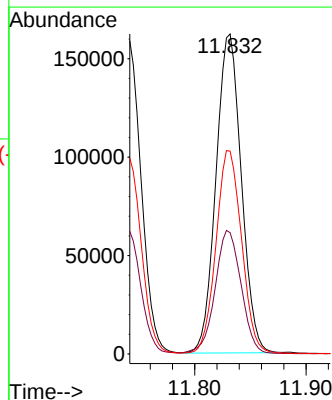
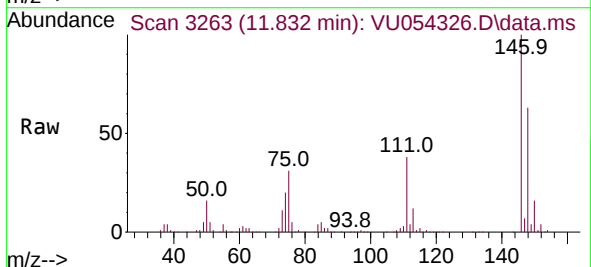
Tgt Ion:146 Resp: 256697

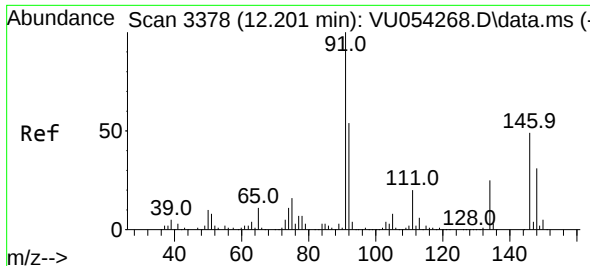
Ion Ratio Lower Upper

146 100

111 39.6 18.5 55.5

148 64.4 31.9 95.7





#89

n-Butylbenzene

Concen: 40.344 ug/l

RT: 12.205 min Scan# 31

Delta R.T. 0.004 min

Lab File: VU054326.D

Acq: 30 May 2023 20:06

Instrument :

MSVOA_U

ClientSampleId :

GM38-RW3-MW1-20230523MS

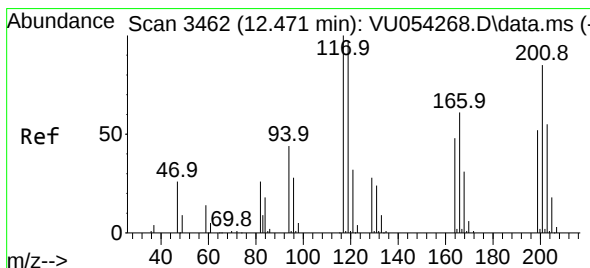
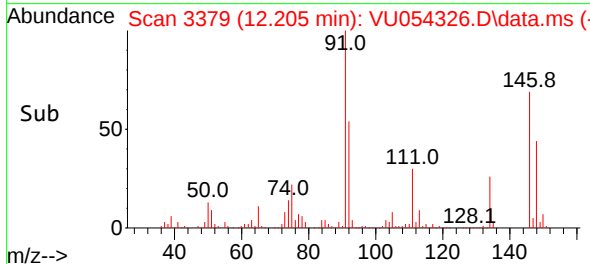
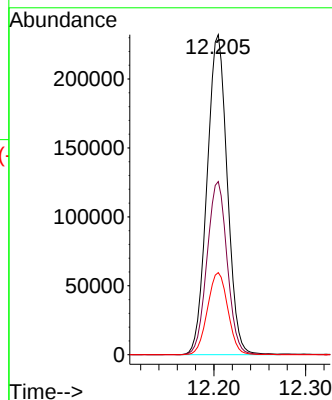
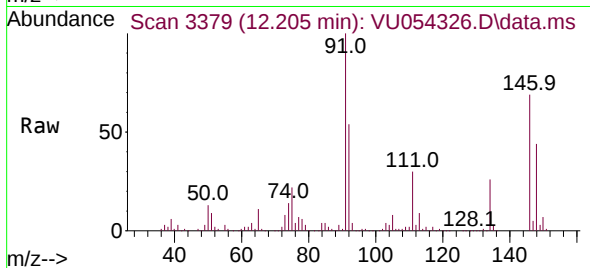
Tgt Ion: 91 Resp: 355562

Ion Ratio Lower Upper

91 100

92 54.1 26.2 78.6

134 25.8 13.5 40.4



#90

Hexachloroethane

Concen: 48.618 ug/l

RT: 12.468 min Scan# 3461

Delta R.T. -0.003 min

Lab File: VU054326.D

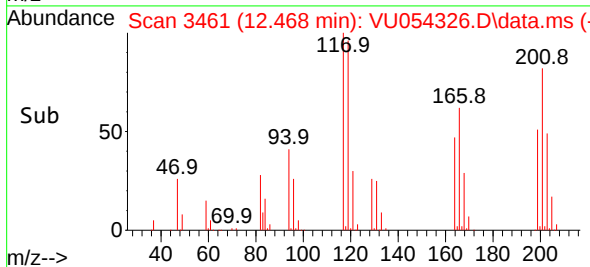
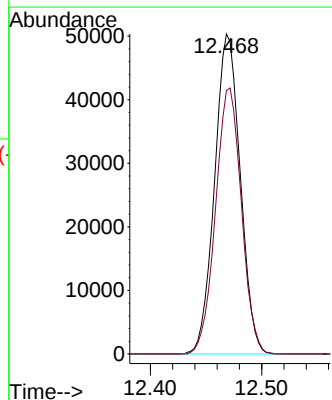
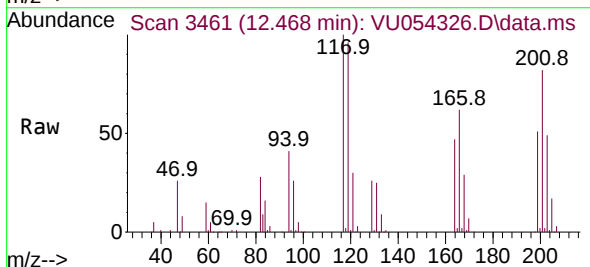
Acq: 30 May 2023 20:06

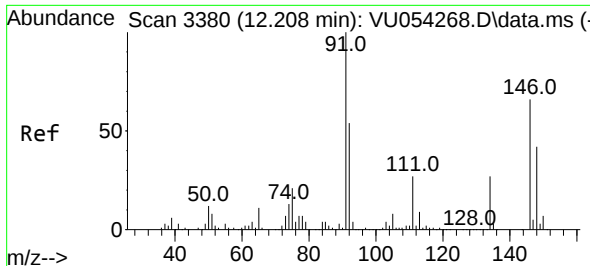
Tgt Ion: 117 Resp: 80529

Ion Ratio Lower Upper

117 100

201 83.9 44.6 134.0





#91

1,2-Dichlorobenzene

Concen: 48.711 ug/l

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU054326.D

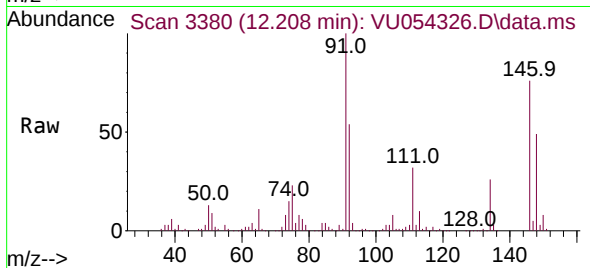
Acq: 30 May 2023 20:06

Instrument :

MSVOA_U

ClientSampleId :

GM38-RW3-MW1-20230523MS



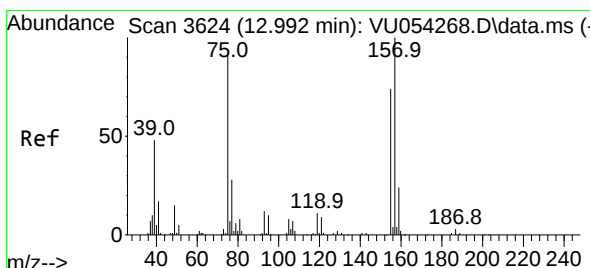
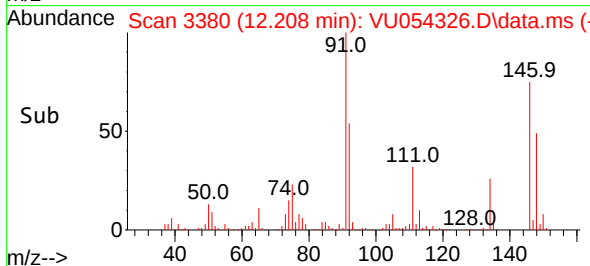
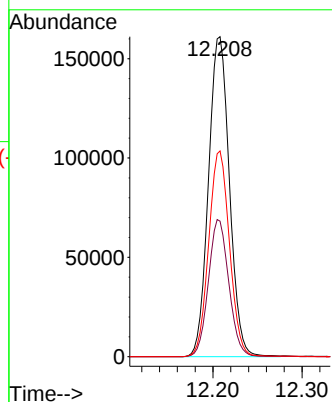
Tgt Ion:146 Resp: 262853

Ion Ratio Lower Upper

146 100

111 41.7 19.9 59.6

148 63.8 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.871 ug/l

RT: 12.989 min Scan# 3623

Delta R.T. -0.003 min

Lab File: VU054326.D

Acq: 30 May 2023 20:06

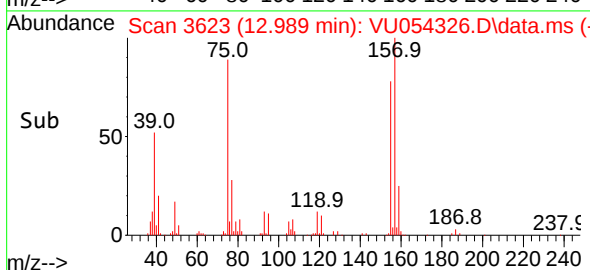
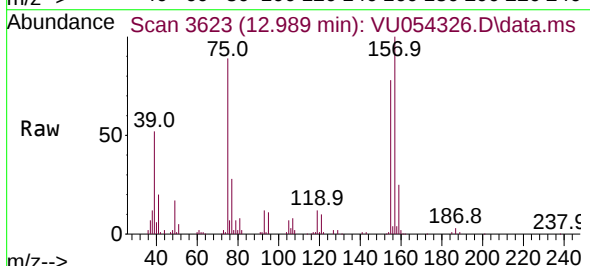
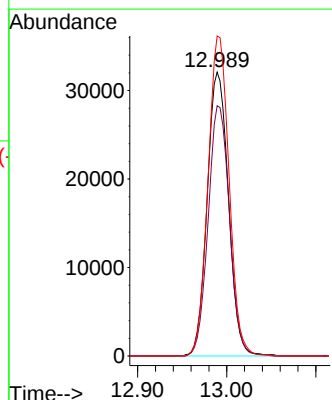
Tgt Ion: 75 Resp: 53189

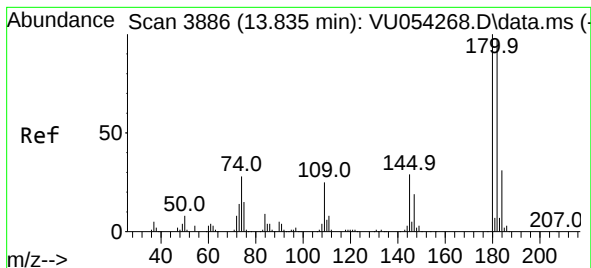
Ion Ratio Lower Upper

75 100

155 88.0 47.8 143.4

157 111.7 62.2 186.5





#93

1,2,4-Trichlorobenzene

Concen: 43.772 ug/l

RT: 13.835 min Scan# 3886

Delta R.T. -0.000 min

Lab File: VU054326.D

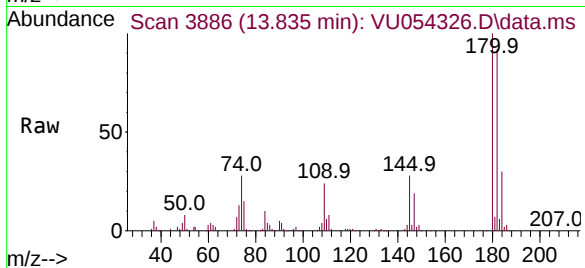
Acq: 30 May 2023 20:06

Instrument :

MSVOA_U

ClientSampleId :

GM38-RW3-MW1-20230523MS



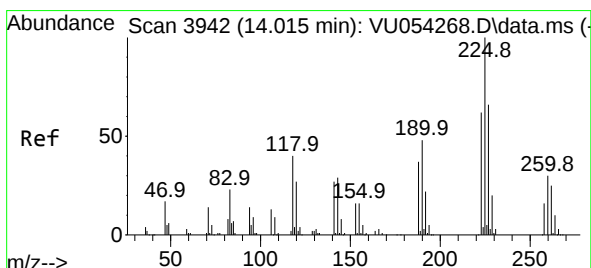
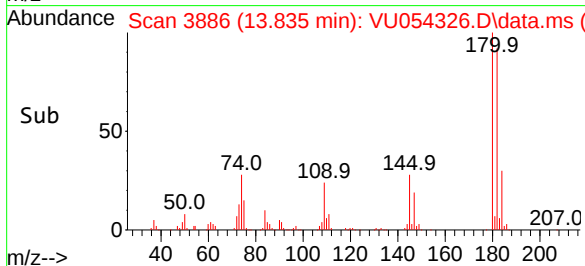
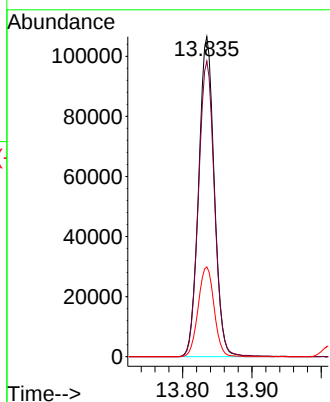
Tgt Ion:180 Resp: 166897

Ion Ratio Lower Upper

180 100

182 94.5 47.9 143.6

145 28.6 14.0 41.9



#94

Hexachlorobutadiene

Concen: 38.507 ug/l

RT: 14.015 min Scan# 3942

Delta R.T. -0.000 min

Lab File: VU054326.D

Acq: 30 May 2023 20:06

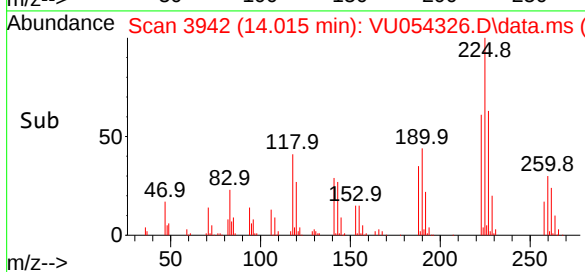
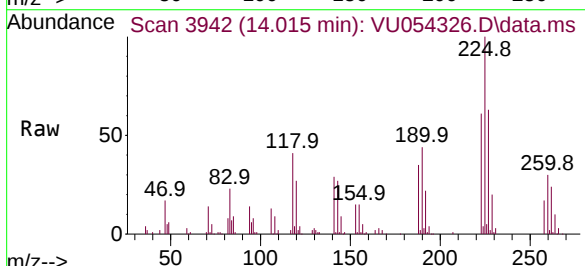
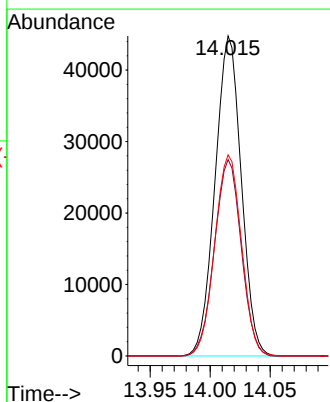
Tgt Ion:225 Resp: 68034

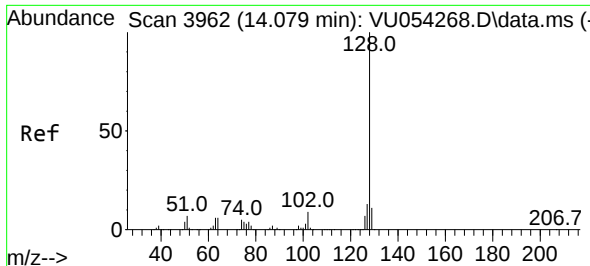
Ion Ratio Lower Upper

225 100

223 62.6 31.3 93.9

227 64.1 32.0 96.2

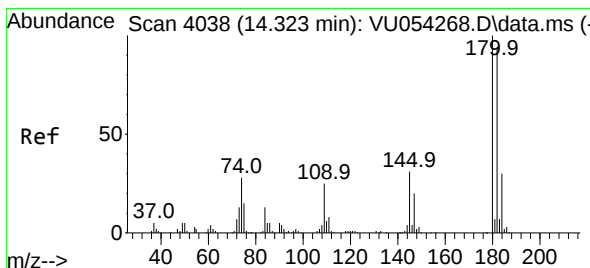
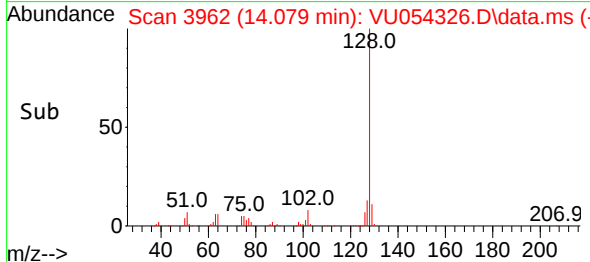
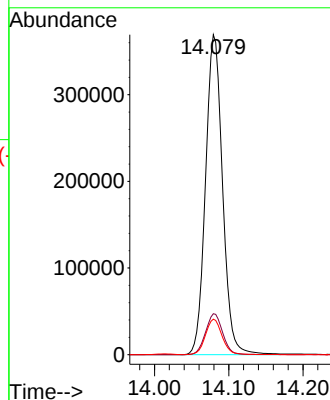
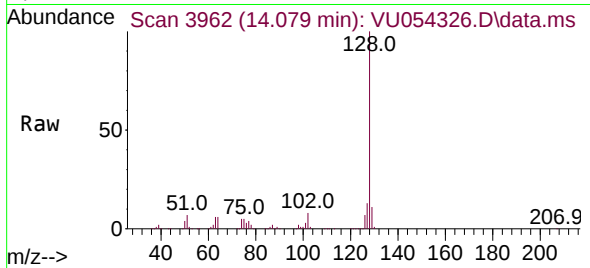




#95
Naphthalene
Concen: 47.757 ug/l
RT: 14.079 min Scan# 3962
Delta R.T. 0.000 min
Lab File: VU054326.D
Acq: 30 May 2023 20:06

Instrument :
MSVOA_U
ClientSampleId :
GM38-RW3-MW1-20230523MS

Tgt Ion:	128	Resp:	587236
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.3	15.5
129	10.9	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 46.357 ug/l
RT: 14.324 min Scan# 4038
Delta R.T. 0.001 min
Lab File: VU054326.D
Acq: 30 May 2023 20:06

Tgt Ion:	180	Resp:	175621
Ion Ratio	Lower	Upper	
180	100		
182	95.3	48.4	145.0
145	31.1	14.8	44.4

