

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051823\
 Data File : VU054184.D
 Acq On : 18 May 2023 22:53
 Operator : JC/MD
 Sample : 02844-02MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBWZ7MS

Quant Time: May 19 02:11:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 19 02:02:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	175574	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	164405	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	92548	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	44186	4.668	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.400%
7) Chloroethane-d5	1.912	69	33221	4.691	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.562	65	20125	4.707	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	4.633	46	86927	51.495	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.000%
24) Chloroform-d	5.057	84	89485	5.028	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.697	65	41297	5.044	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.723	84	169464	5.062	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	6.684	67	49432	5.108	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.200%
41) Toluene-d8	7.893	98	158916	5.027	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
43) trans-1,3-Dichloroprop...	8.176	79	19659	5.030	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.600%
46) 2-Hexanone-d5	8.629	63	66821	57.418	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.840%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	37320	5.380	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.600%
66) 1,2-Dichlorobenzene-d4	12.185	152	57574	5.098	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	66257	4.991	ug/L	99
3) Chloromethane	1.517	50	63150	5.132	ug/L	96
5) Vinyl chloride	1.604	62	68073	5.208	ug/L	83
6) Bromomethane	1.858	94	33751	4.256	ug/L	92
8) Chloroethane	1.932	64	43867	5.298	ug/L	97
9) Trichlorofluoromethane	2.134	101	106168	5.112	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	61899	5.141	ug/L	99
12) 1,1-Dichloroethene	2.578	96	56020	5.213	ug/L	98
13) Acetone	2.642	43	100232	43.647	ug/L	99
14) Carbon disulfide	2.790	76	142943	5.294	ug/L	99
15) Methyl Acetate	2.951	43	20084	4.878	ug/L	100
16) Methylene chloride	3.041	84	62428	4.438	ug/L	98
17) Methyl tert-butyl Ether	3.359	73	143481	5.303	ug/L	98
18) trans-1,2-Dichloroethene	3.350	96	58289	5.333	ug/L	99
19) 1,1-Dichloroethane	3.864	63	117249	5.357	ug/L	97
21) 2-Butanone	4.706	43	142315	46.786	ug/L	95
22) cis-1,2-Dichloroethene	4.661	96	77673	6.077	ug/L	97
23) Bromochloromethane	4.967	128	30954	5.544	ug/L	94
25) Chloroform	5.083	83	124058	5.226	ug/L	99

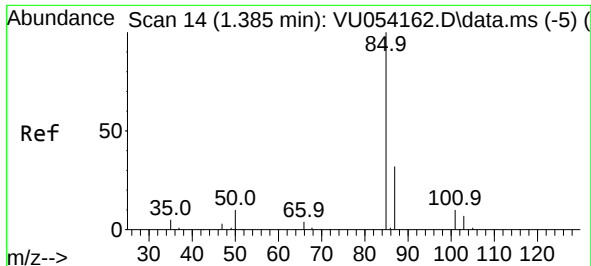
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051823\
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.787	62	72370	5.302	ug/L	100
29) 1,1,1-Trichloroethane	5.311	97	109652	5.328	ug/L	99
30) Cyclohexane	5.382	56	112399	6.710	ug/L	98
31) Carbon tetrachloride	5.520	117	94431	5.291	ug/L	99
33) Benzene	5.768	78	254006	5.459	ug/L	100
34) Trichloroethene	6.536	95	290355	23.201	ug/L	99
35) Methylcyclohexane	6.758	83	93377	5.103	ug/L	99
37) 1,2-Dichloropropane	6.784	63	66129	5.412	ug/L	98
38) Bromodichloromethane	7.102	83	84017	5.430	ug/L	99
39) cis-1,3-Dichloropropene	7.603	75	97703	5.367	ug/L	97
40) 4-Methyl-2-pentanone	7.787	43	349304	56.162	ug/L	99
42) Toluene	7.964	91	270832	5.508	ug/L	98
44) trans-1,3-Dichloropropene	8.205	75	80862	5.412	ug/L	98
45) 1,1,2-Trichloroethane	8.394	97	47003	5.338	ug/L	95
47) Tetrachloroethene	8.549	164	52563	5.111	ug/L	96
48) 2-Hexanone	8.677	43	250561	53.282	ug/L	99
49) Dibromochloromethane	8.803	129	55693	5.666	ug/L	98
50) 1,2-Dibromoethane	8.919	107	45067	5.569	ug/L #	100
51) Chlorobenzene	9.443	112	175814	5.288	ug/L	97
52) Ethylbenzene	9.565	91	295628	5.395	ug/L	100
53) m,p-Xylene	9.690	106	115878	5.568	ug/L	96
54) o-Xylene	10.095	106	113300	5.512	ug/L	95
55) Styrene	10.108	104	188050	5.596	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	58989	5.641	ug/L	99
59) Bromoform	10.285	173	32061	5.387	ug/L	97
60) Isopropylbenzene	10.478	105	301031	5.331	ug/L	100
61) 1,2,3-Trichloropropane	10.816	75	40159	5.352	ug/L	99
62) 1,3,5-Trimethylbenzene	11.082	105	244198	5.298	ug/L	99
63) 1,2,4-Trimethylbenzene	11.462	105	253487	5.510	ug/L	100
64) 1,3-Dichlorobenzene	11.738	146	147769	5.242	ug/L	100
65) 1,4-Dichlorobenzene	11.828	146	144858	5.173	ug/L	97
67) 1,2-Dichlorobenzene	12.208	146	136843	5.291	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.989	75	8856	5.521	ug/L	89
69) 1,3,5-Trichlorobenzene	13.214	180	112516	5.350	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	91297	5.244	ug/L	99
71) Naphthalene	14.079	128	143308	5.690	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	84267	5.718	ug/L	98

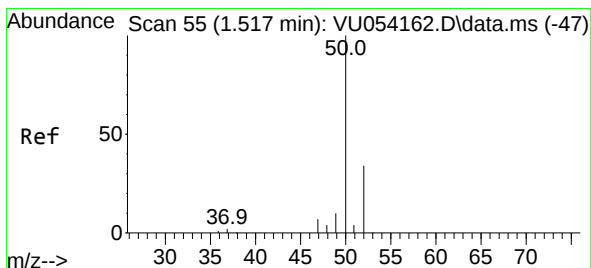
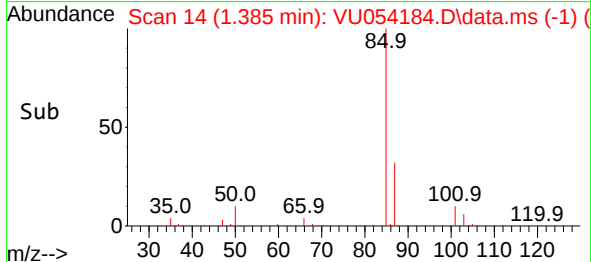
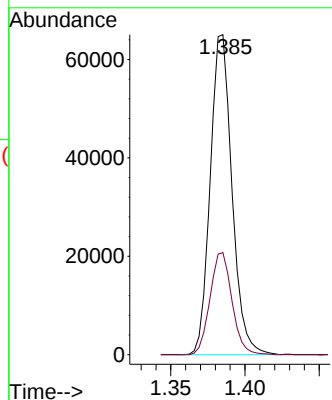
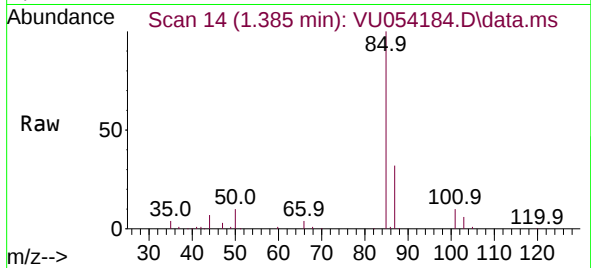
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#2
Dichlorodifluoromethane
Concen: 4.991 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU054184.D
Acq: 18 May 2023 22:53

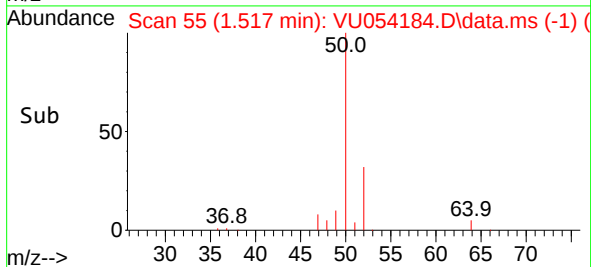
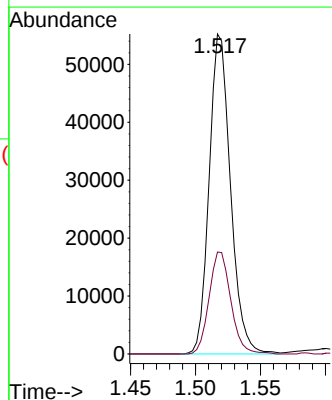
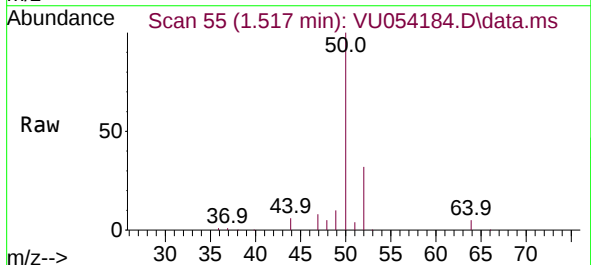
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MSVOA_U
ClientSampleId :
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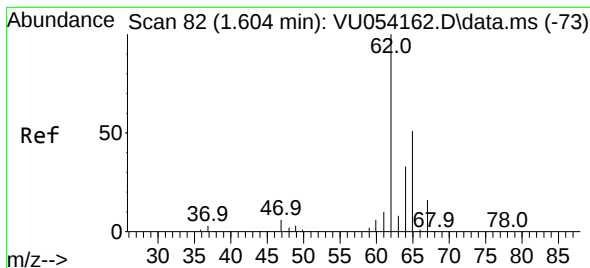
Tgt Ion: 85 Resp: 66257
Ion Ratio Lower Upper
85 100
87 32.2 26.1 39.1



#3
Chloromethane
Concen: 5.132 ug/L
RT: 1.517 min Scan# 55
Delta R.T. 0.000 min
Lab File: VU054184.D
Acq: 18 May 2023 22:53

Tgt Ion: 50 Resp: 63150
Ion Ratio Lower Upper
50 100
52 31.8 23.7 44.1





#5

Vinyl chloride

Concen: 5.208 ug/L

RT: 1.604 min Scan# 82

Delta R.T. 0.000 min

Lab File: VU054184.D

Acq: 18 May 2023 22:53

Instrument :

MSVOA_U

ClientSampleId :

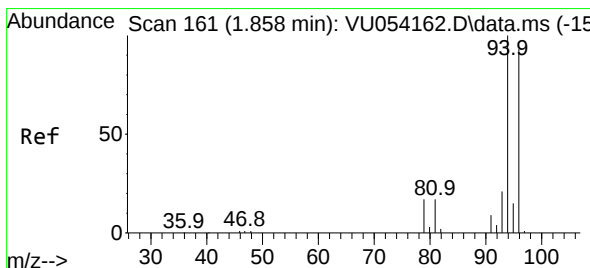
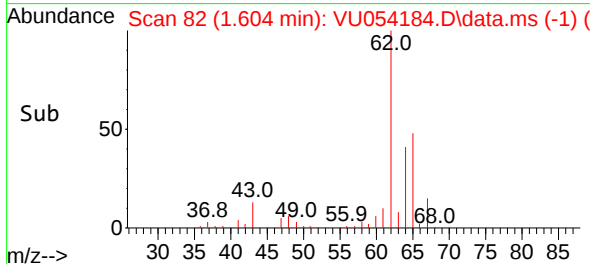
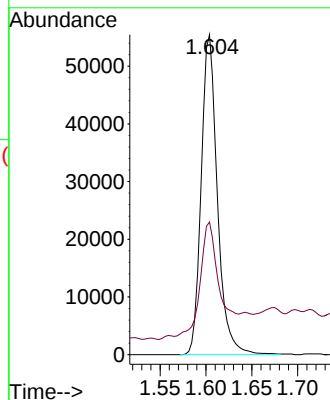
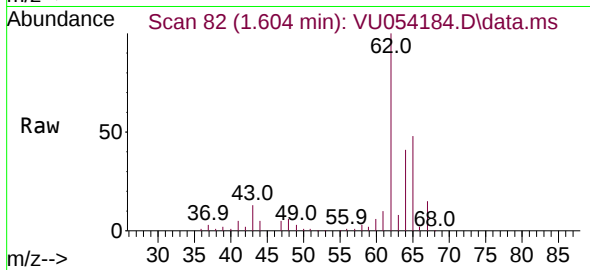
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Tgt Ion: 62 Resp: 68073

Ion Ratio Lower Upper

62 100

64 41.5 22.4 41.6



#6

Bromomethane

Concen: 4.256 ug/L

RT: 1.858 min Scan# 161

Delta R.T. 0.000 min

Lab File: VU054184.D

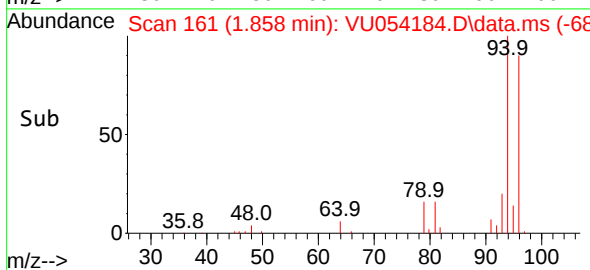
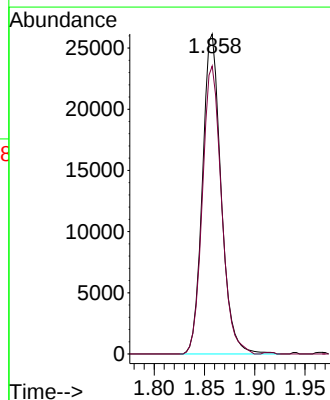
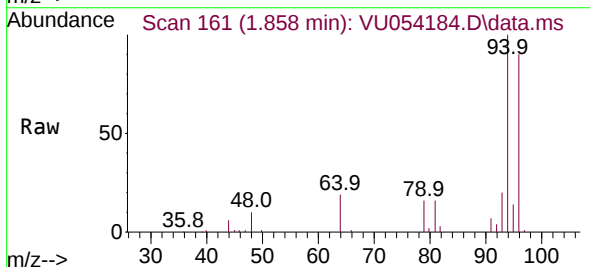
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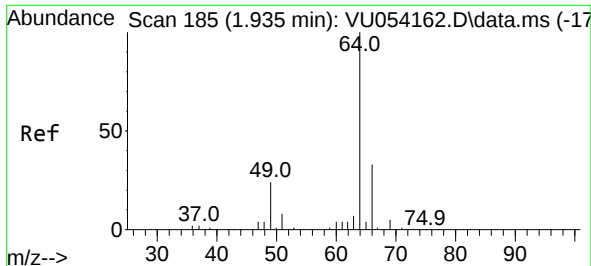
Tgt Ion: 94 Resp: 33751

Ion Ratio Lower Upper

94 100

96 90.0 68.7 127.5

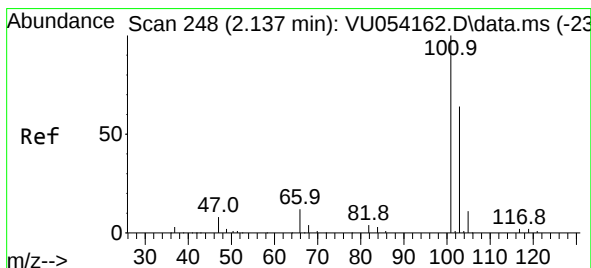
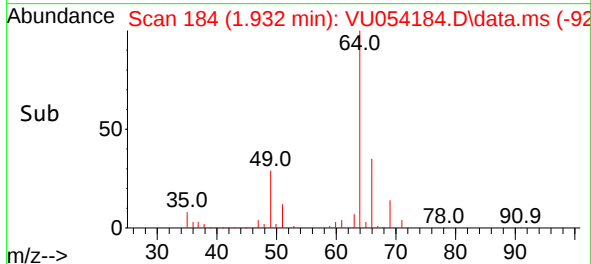
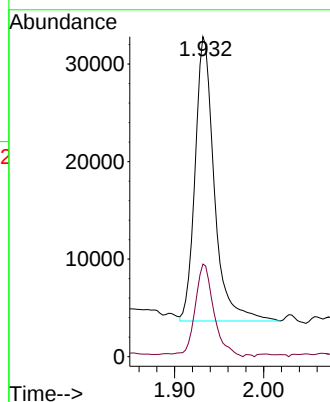
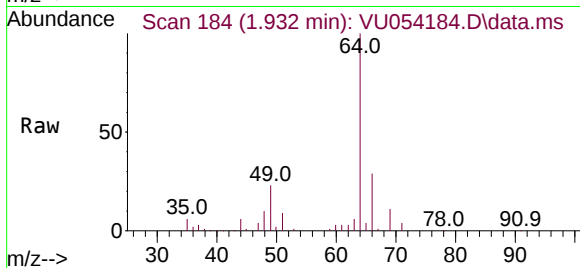




#8
Chloroethane
Concen: 5.298 ug/L
RT: 1.932 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU054184.D
Acq: 18 May 2023 22:53

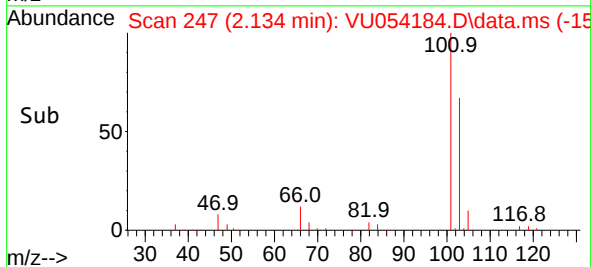
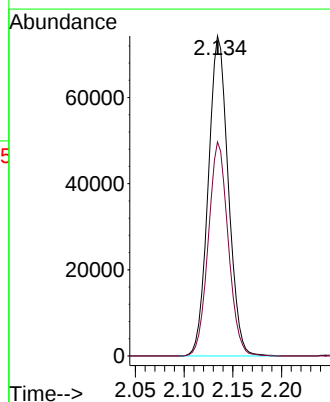
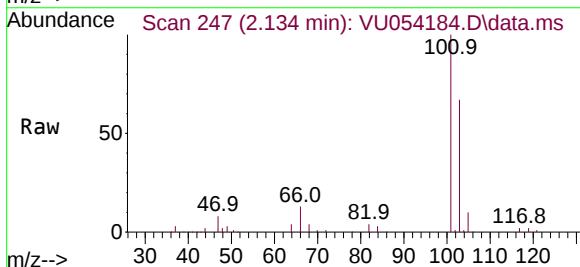
Instrument :
MSVOA_U
ClientSampleId :
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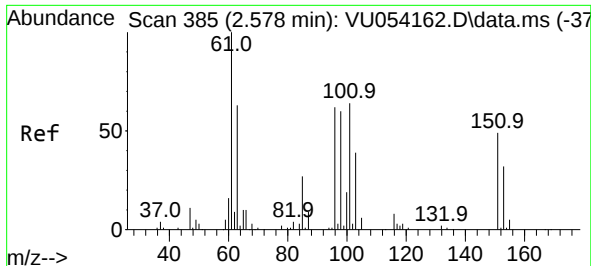
Tgt Ion: 64 Resp: 43867
Ion Ratio Lower Upper
64 100
66 28.9 21.6 40.0



#9
Trichlorofluoromethane
Concen: 5.112 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.003 min
Lab File: VU054184.D
Acq: 18 May 2023 22:53

Tgt Ion:101 Resp: 106168
Ion Ratio Lower Upper
101 100
103 66.4 51.0 76.6

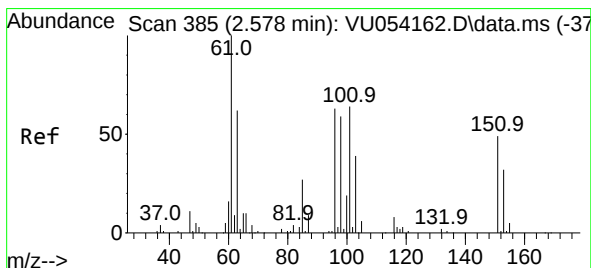
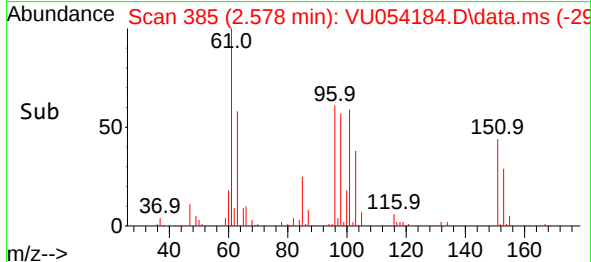
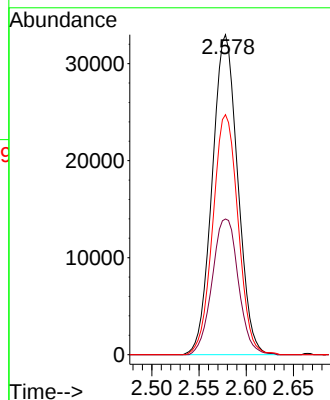
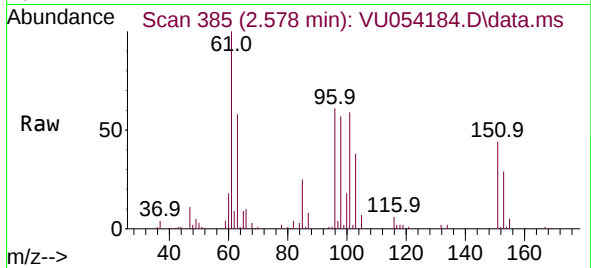




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.141 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU054184.D
 Acq: 18 May 2023 22:53

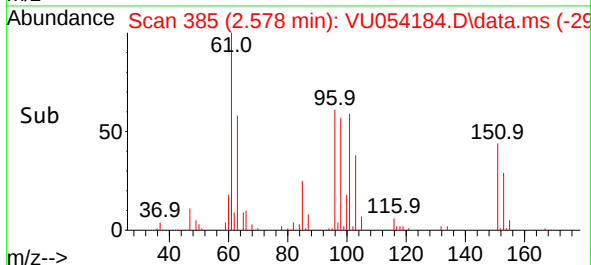
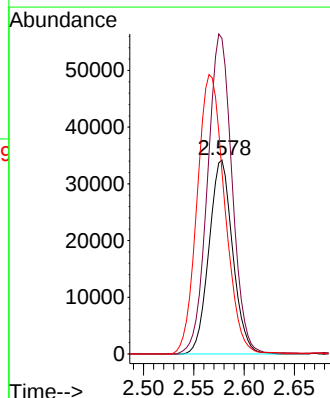
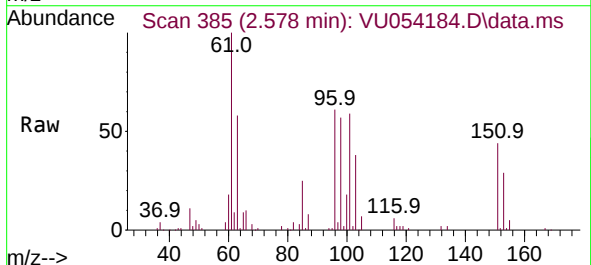
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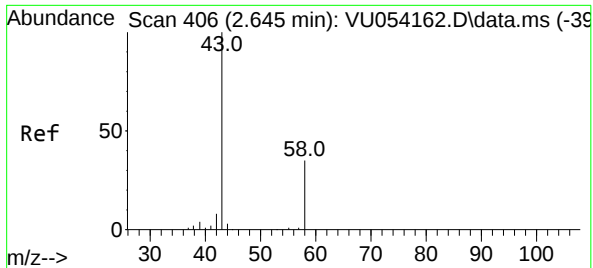
Tgt Ion:101 Resp: 61899
 Ion Ratio Lower Upper
 101 100
 85 43.6 35.0 52.4
 151 74.5 59.0 88.6



#12
 1,1-Dichloroethene
 Concen: 5.213 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU054184.D
 Acq: 18 May 2023 22:53

Tgt Ion: 96 Resp: 56020
 Ion Ratio Lower Upper
 96 100
 61 162.7 114.7 212.9
 63 94.1 68.6 127.4





#13

Acetone

Concen: 43.647 ug/L

RT: 2.642 min Scan# 406

Delta R.T. -0.003 min

Lab File: VU054184.D

Acq: 18 May 2023 22:53

Instrument :

MSVOA_U

ClientSampleId :

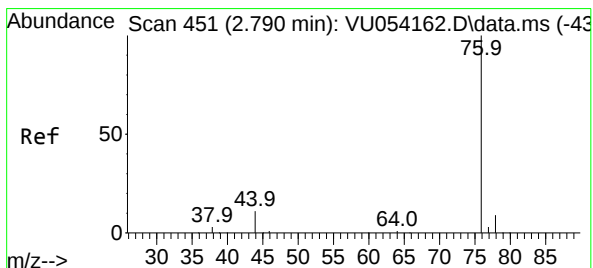
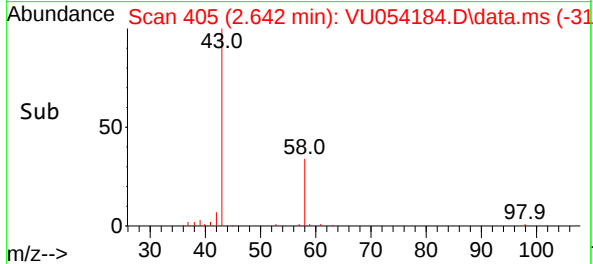
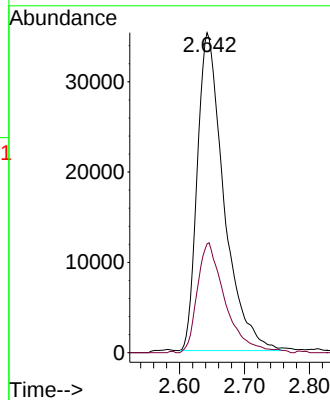
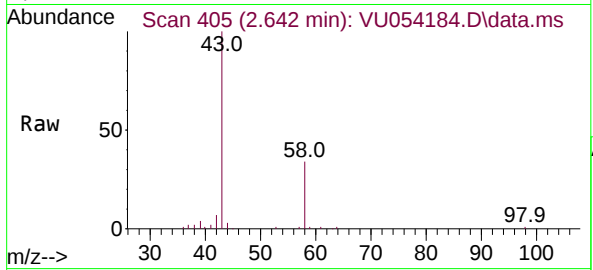
GBWZ7MS

Tgt Ion: 43 Resp: 100232

Ion Ratio Lower Upper

43 100

58 35.8 0.0 73.2



#14

Carbon disulfide

Concen: 5.294 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU054184.D

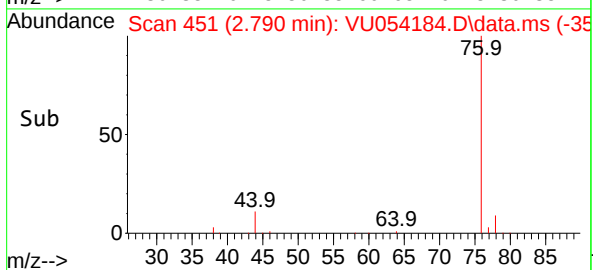
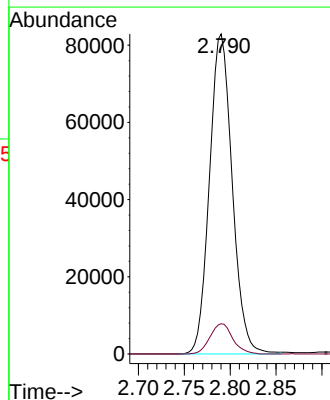
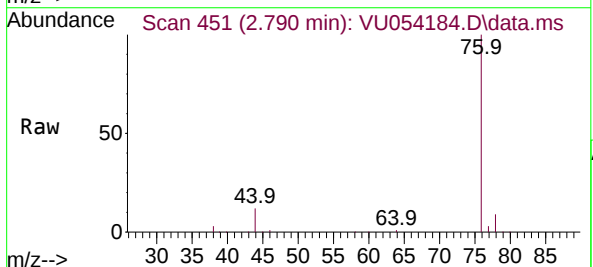
Acq: 18 May 2023 22:53

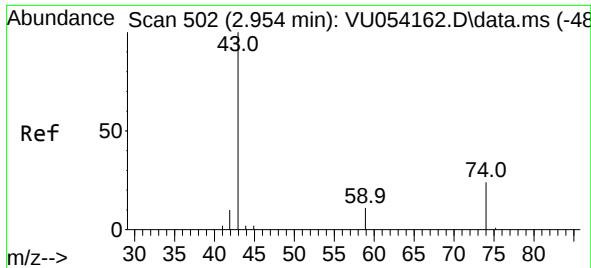
Tgt Ion: 76 Resp: 142943

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.0

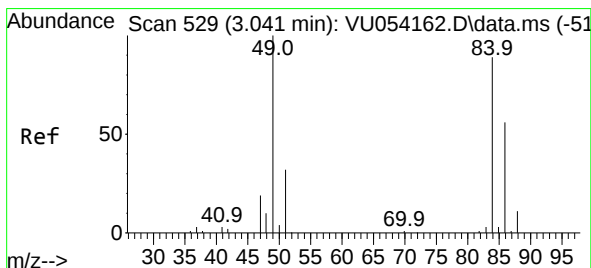
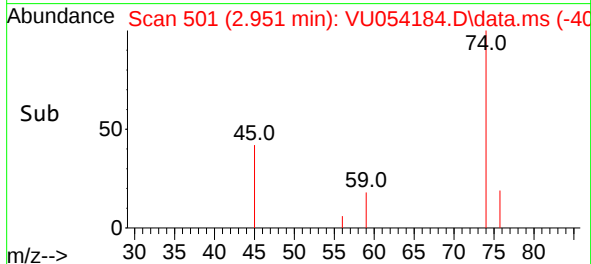
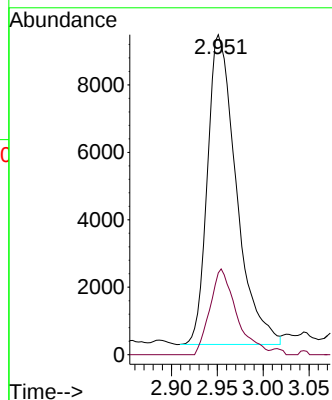
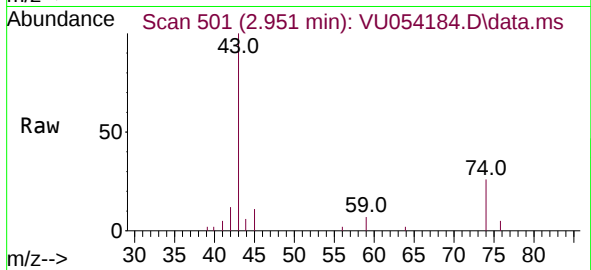




#15
Methyl Acetate
Concen: 4.878 ug/L
RT: 2.951 min Scan# 501
Delta R.T. -0.003 min
Lab File: VU054184.D
Acq: 18 May 2023 22:53

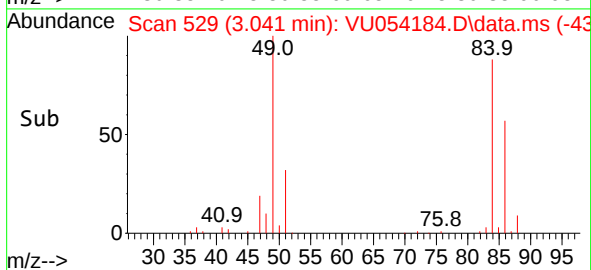
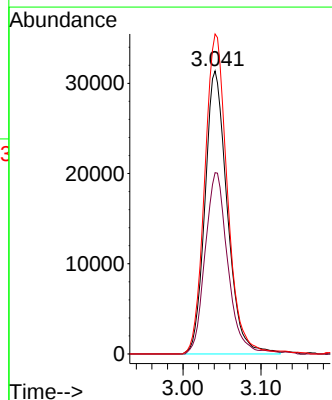
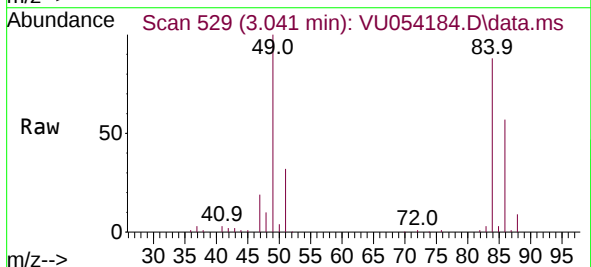
Instrument :
MSVOA_U
ClientSampleId :
GBWZ7MS

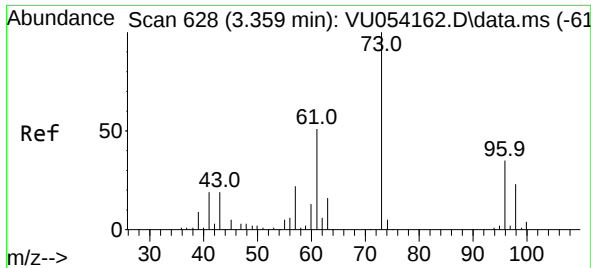
Tgt Ion: 43 Resp: 20084
Ion Ratio Lower Upper
43 100
74 25.4 20.3 30.5



#16
Methylene chloride
Concen: 4.438 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU054184.D
Acq: 18 May 2023 22:53

Tgt Ion: 84 Resp: 62428
Ion Ratio Lower Upper
84 100
86 64.1 45.5 84.5
49 113.0 81.3 150.9

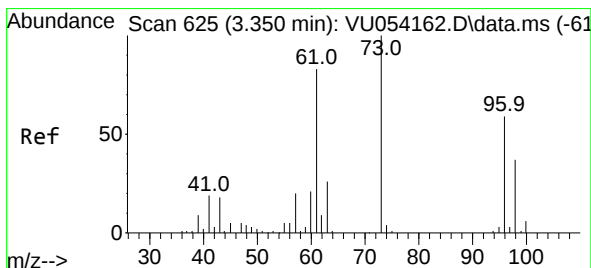
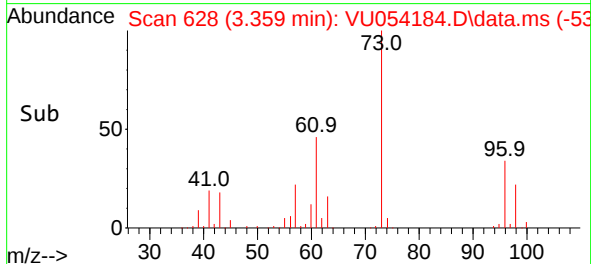
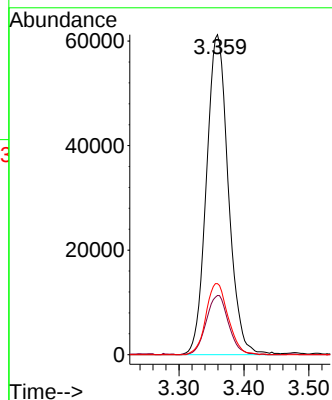
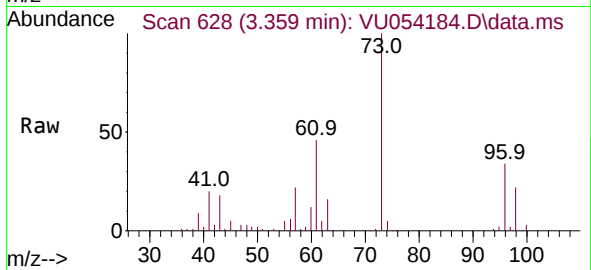




#17
Methyl tert-butyl Ether
Concen: 5.303 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU054184.D
Acq: 18 May 2023 22:53

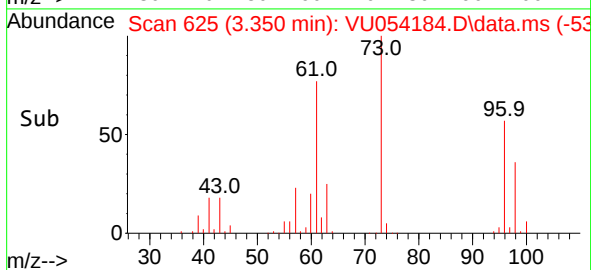
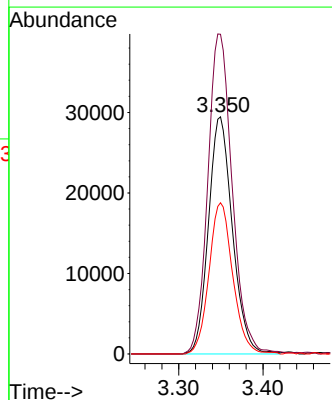
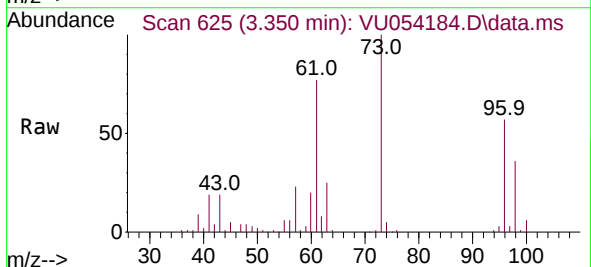
Instrument :
MSVOA_U
ClientSampleId :
GBWZ7MS

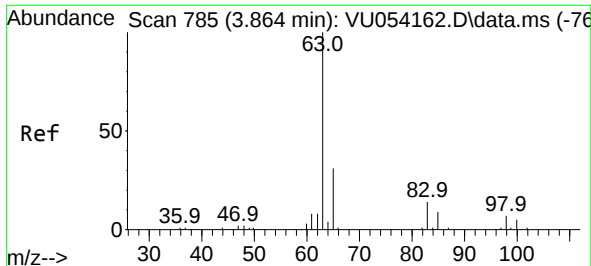
Tgt Ion: 73 Resp: 143481
Ion Ratio Lower Upper
73 100
43 18.9 14.6 22.0
57 22.5 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.333 ug/L
RT: 3.350 min Scan# 625
Delta R.T. 0.000 min
Lab File: VU054184.D
Acq: 18 May 2023 22:53

Tgt Ion: 96 Resp: 58289
Ion Ratio Lower Upper
96 100
61 134.9 94.1 174.8
98 63.8 45.3 84.1

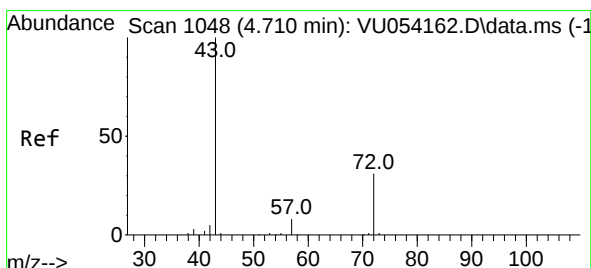
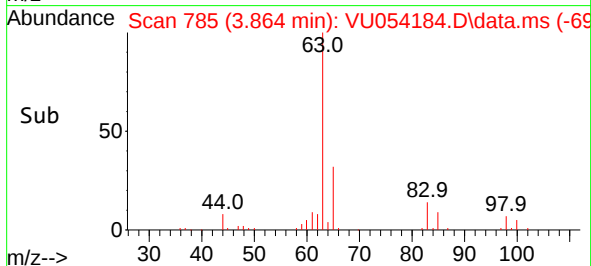
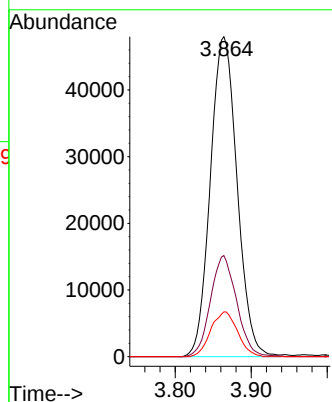
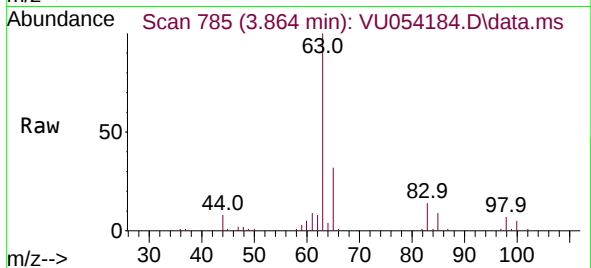




#19
1,1-Dichloroethane
Concen: 5.357 ug/L
RT: 3.864 min Scan# 785
Delta R.T. 0.000 min
Lab File: VU054184.D
Acq: 18 May 2023 22:53

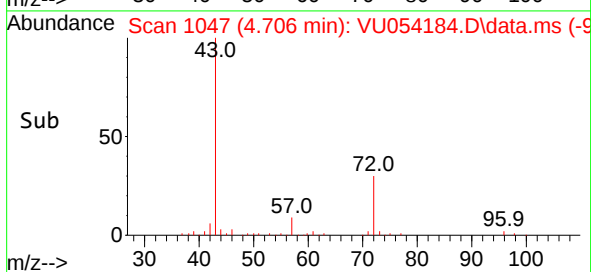
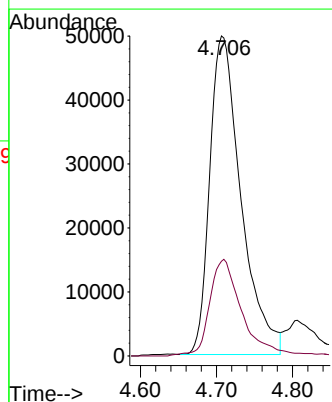
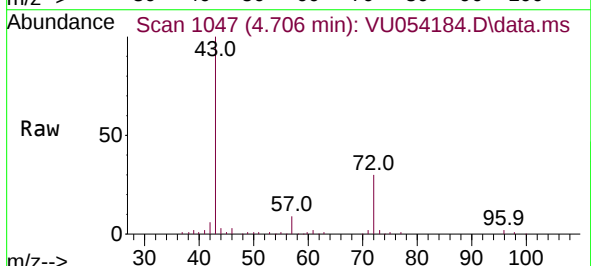
Instrument :
MSVOA_U
ClientSampleId :
GBWZ7MS

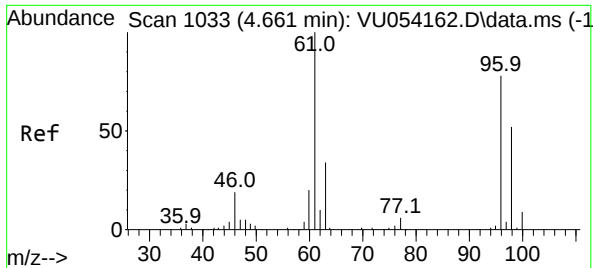
Tgt Ion: 63 Resp: 117249
Ion Ratio Lower Upper
63 100
65 31.6 20.7 38.5
83 14.0 10.1 18.7



#21
2-Butanone
Concen: 46.786 ug/L
RT: 4.706 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU054184.D
Acq: 18 May 2023 22:53

Tgt Ion: 43 Resp: 142315
Ion Ratio Lower Upper
43 100
72 31.4 14.2 42.8



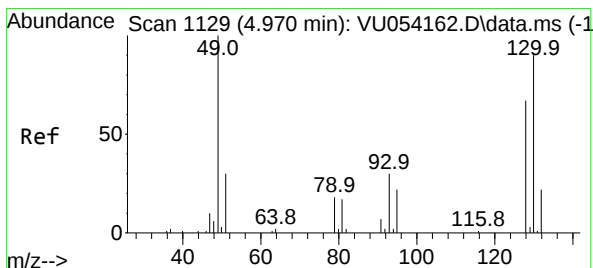
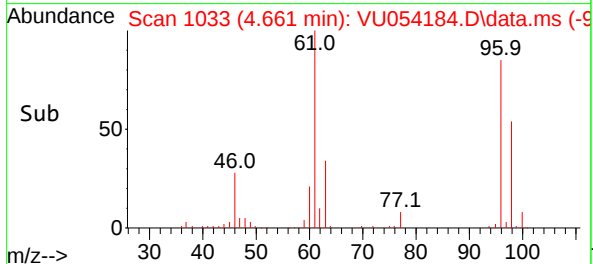
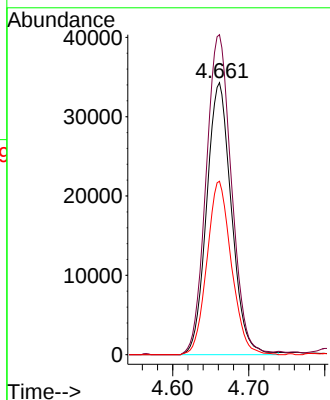
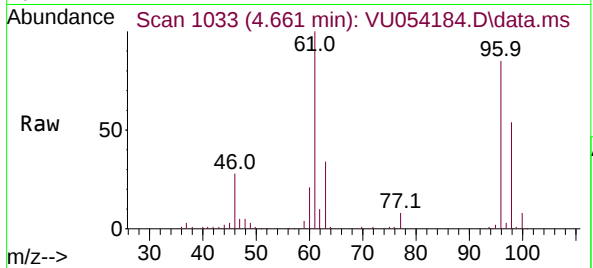


#22
 cis-1,2-Dichloroethene
 Concen: 6.077 ug/L
 RT: 4.661 min Scan# 1033
 Delta R.T. 0.000 min
 Lab File: VU054184.D
 Acq: 18 May 2023 22:53

Instrument :
 MSVOA_U
 ClientSampleId :
 GBWZ7MS

Tgt Ion: 96 Resp: 77673

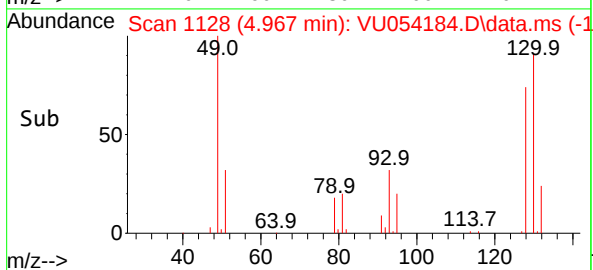
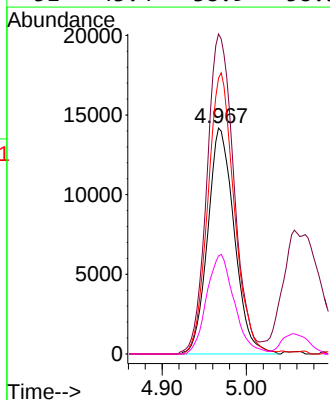
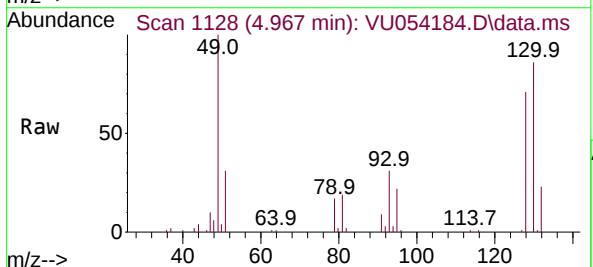
Ion	Ratio	Lower	Upper
96	100		
61	117.7	85.0	157.8
98	63.8	45.8	85.0

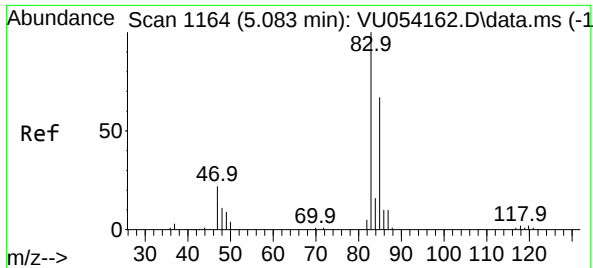


#23
 Bromochloromethane
 Concen: 5.544 ug/L
 RT: 4.967 min Scan# 1128
 Delta R.T. -0.003 min
 Lab File: VU054184.D
 Acq: 18 May 2023 22:53

Tgt Ion: 128 Resp: 30954

Ion	Ratio	Lower	Upper
128	100		
49	141.7	100.9	187.3
130	122.1	93.2	173.0
51	43.4	38.9	58.3

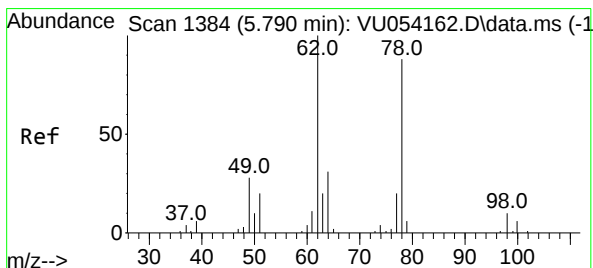
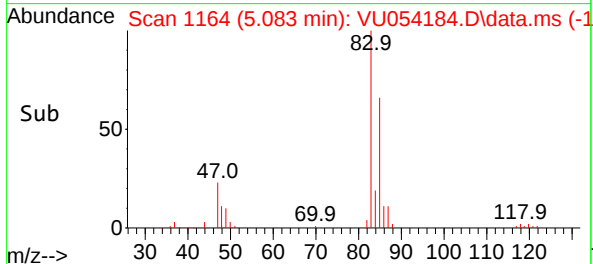
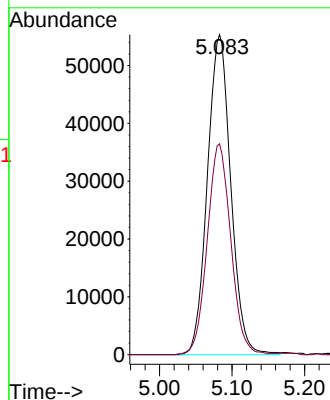
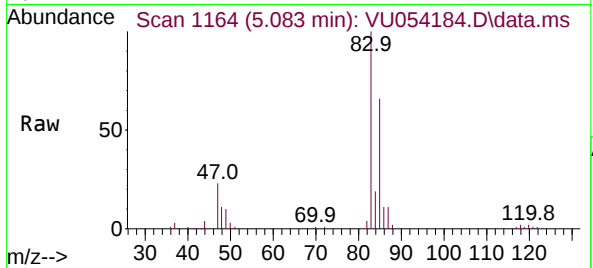




#25
Chloroform
Concen: 5.226 ug/L
RT: 5.083 min Scan# 1164
Delta R.T. 0.000 min
Lab File: VU054184.D
Acq: 18 May 2023 22:53

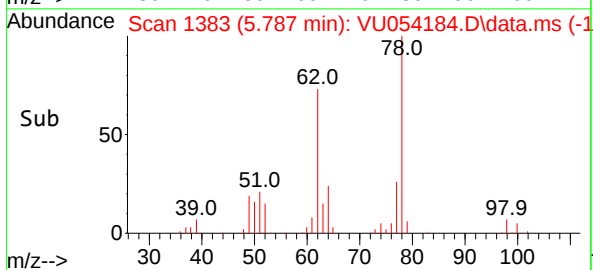
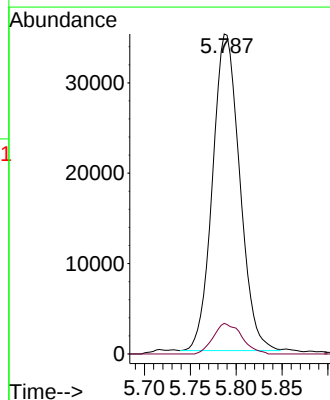
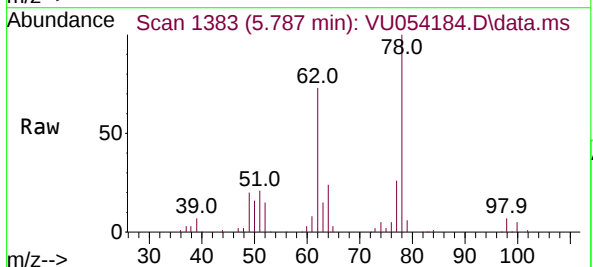
Instrument :
MSVOA_U
ClientSampleId :
GBWZ7MS

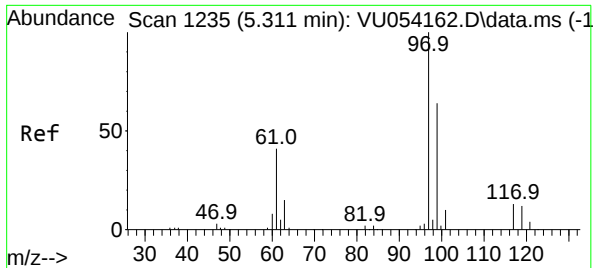
Tgt Ion: 83 Resp: 124058
Ion Ratio Lower Upper
83 100
85 65.9 46.8 87.0



#27
1,2-Dichloroethane
Concen: 5.302 ug/L
RT: 5.787 min Scan# 1383
Delta R.T. -0.003 min
Lab File: VU054184.D
Acq: 18 May 2023 22:53

Tgt Ion: 62 Resp: 72370
Ion Ratio Lower Upper
62 100
98 9.6 7.6 11.4

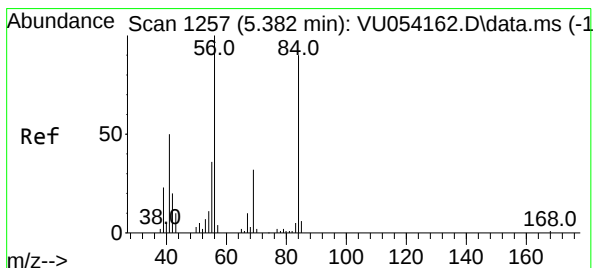
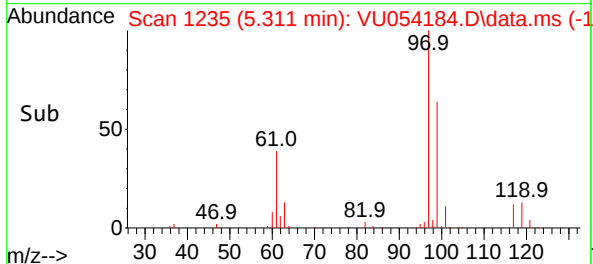
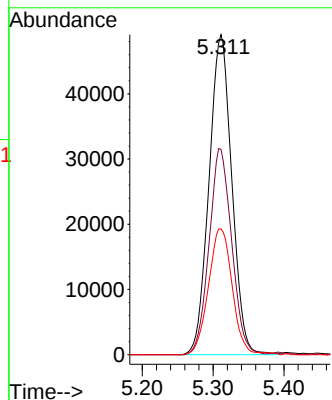
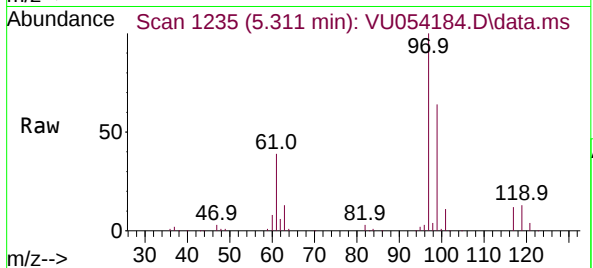




#29
1,1,1-Trichloroethane
Concen: 5.328 ug/L
RT: 5.311 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VU054184.D
Acq: 18 May 2023 22:53

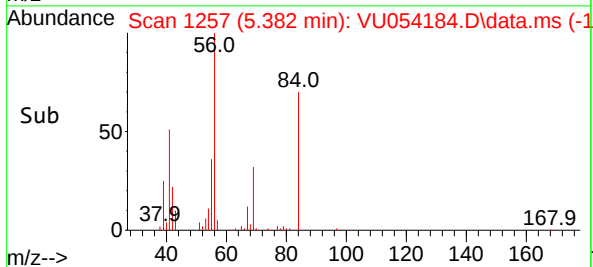
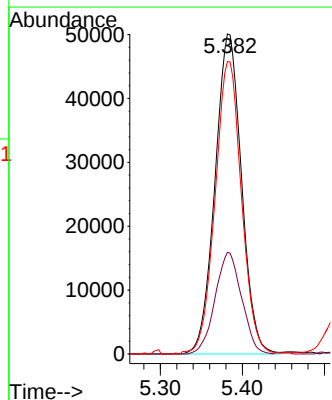
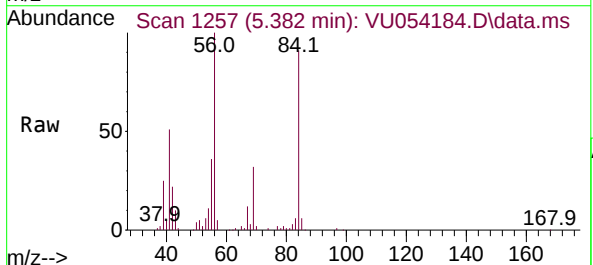
Instrument :
MSVOA_U
ClientSampleId :
GBWZ7MS

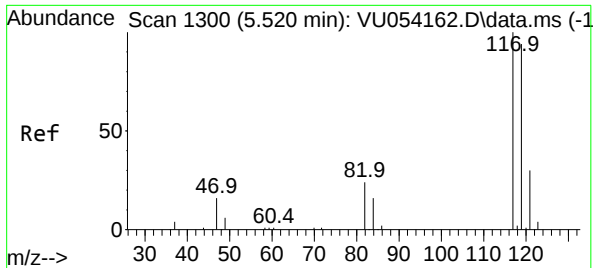
Tgt Ion: 97 Resp: 109652
Ion Ratio Lower Upper
97 100
99 63.9 51.8 77.6
61 40.8 33.4 50.2



#30
Cyclohexane
Concen: 6.710 ug/L
RT: 5.382 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VU054184.D
Acq: 18 May 2023 22:53

Tgt Ion: 56 Resp: 112399
Ion Ratio Lower Upper
56 100
69 31.8 26.2 39.4
84 91.0 74.2 111.4

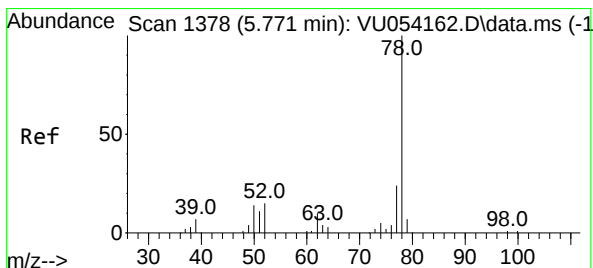
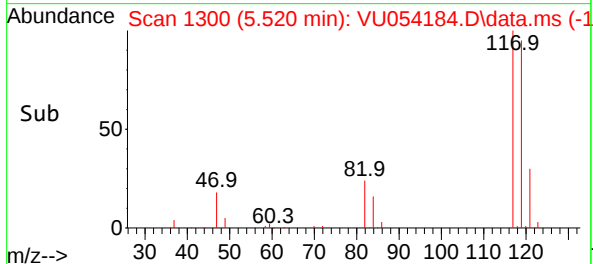
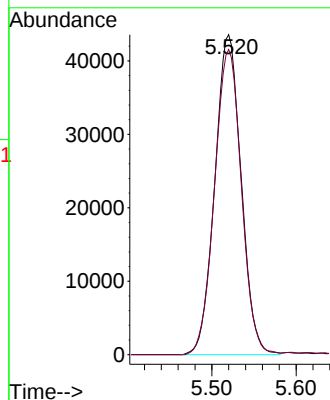
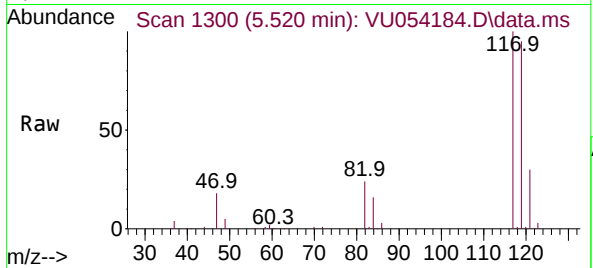




#31
Carbon tetrachloride
Concen: 5.291 ug/L
RT: 5.520 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU054184.D
Acq: 18 May 2023 22:53

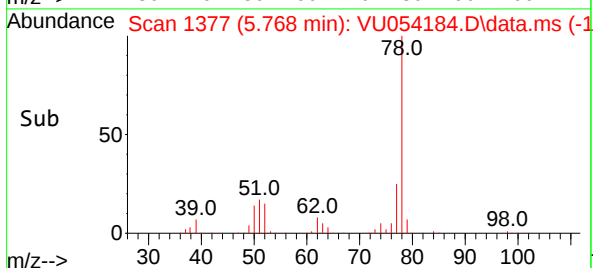
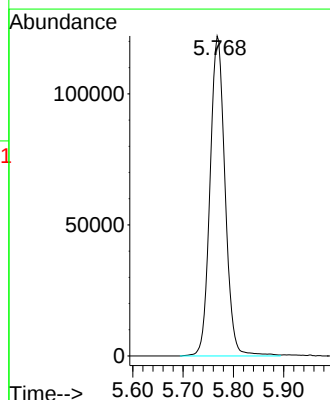
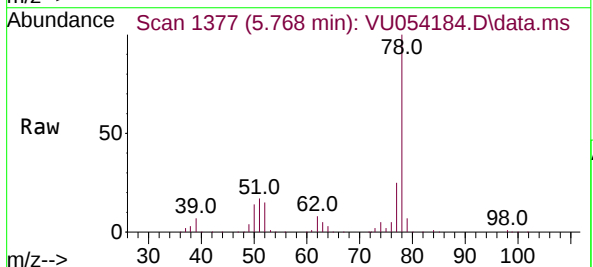
Instrument :
MSVOA_U
ClientSampleId :
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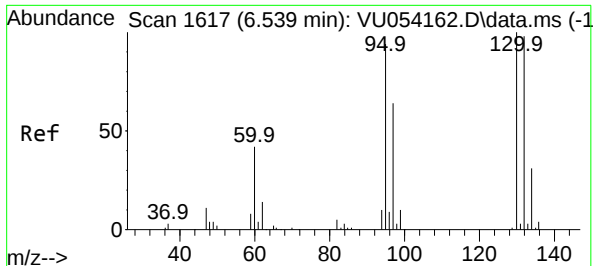
Tgt Ion:117 Resp: 94431
Ion Ratio Lower Upper
117 100
119 97.0 76.6 114.8



#33
Benzene
Concen: 5.459 ug/L
RT: 5.768 min Scan# 1377
Delta R.T. -0.003 min
Lab File: VU054184.D
Acq: 18 May 2023 22:53

Tgt Ion: 78 Resp: 254006

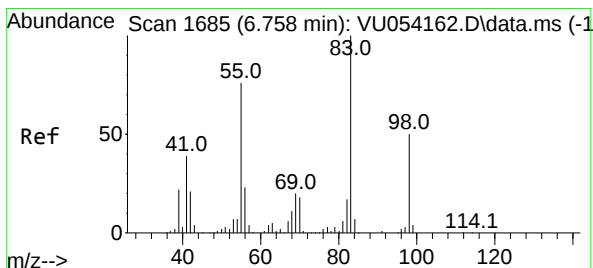
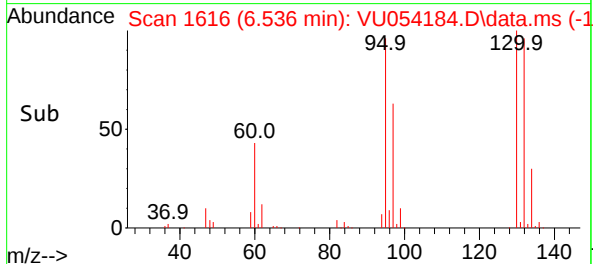
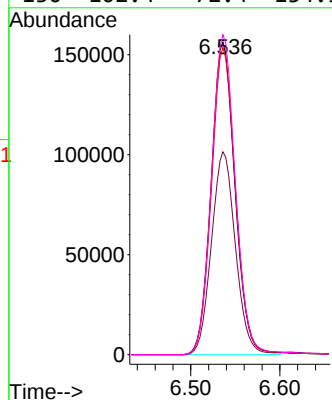
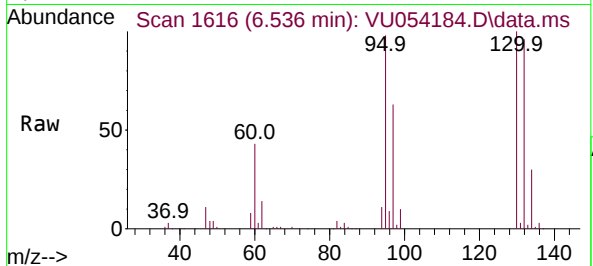




#34
Trichloroethene
Concen: 23.201 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. -0.003 min
Lab File: VU054184.D
Acq: 18 May 2023 22:53

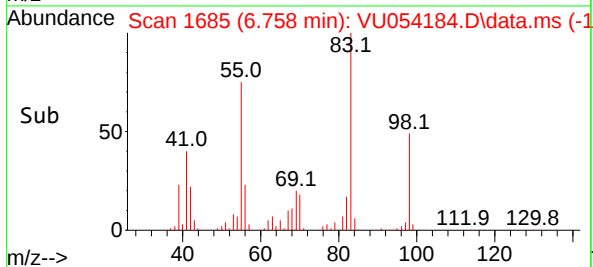
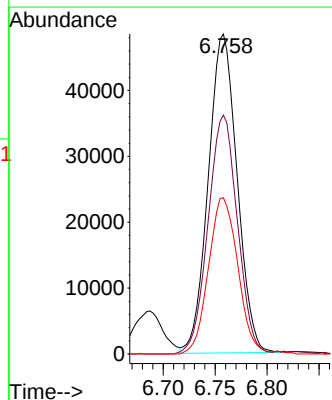
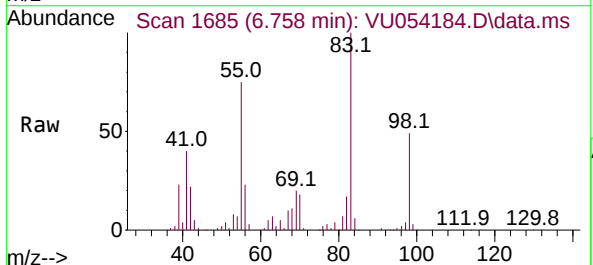
Instrument :
MSVOA_U
ClientSampleId :
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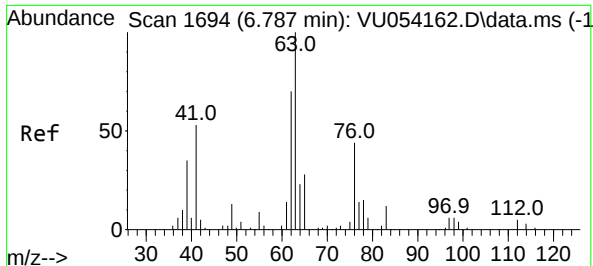
Tgt Ion: 95 Resp: 290355
Ion Ratio Lower Upper
95 100
97 64.9 45.8 85.0
132 98.2 70.1 130.3
130 102.4 72.4 134.5



#35
Methylcyclohexane
Concen: 5.103 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VU054184.D
Acq: 18 May 2023 22:53

Tgt Ion: 83 Resp: 93377
Ion Ratio Lower Upper
83 100
55 76.3 61.6 92.4
98 49.8 41.3 61.9

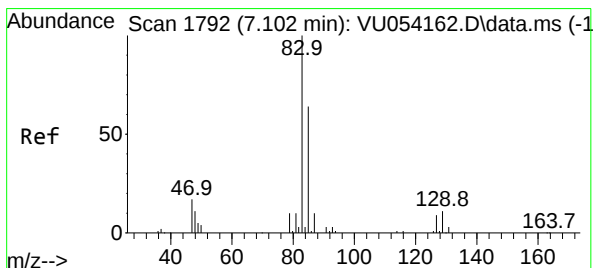
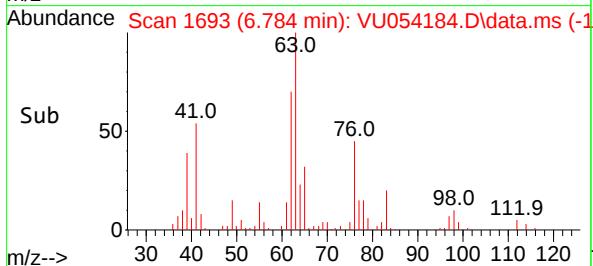
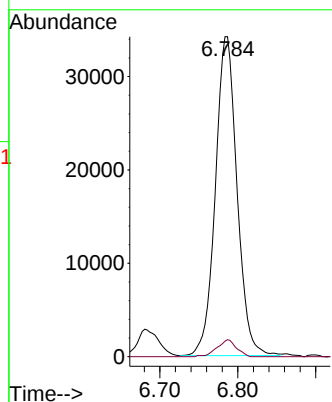
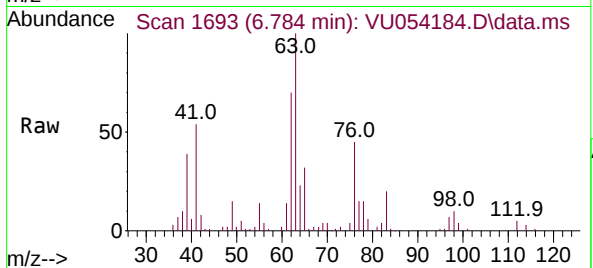




#37
1,2-Dichloropropane
Concen: 5.412 ug/L
RT: 6.784 min Scan# 1693
Delta R.T. -0.003 min
Lab File: VU054184.D
Acq: 18 May 2023 22:53

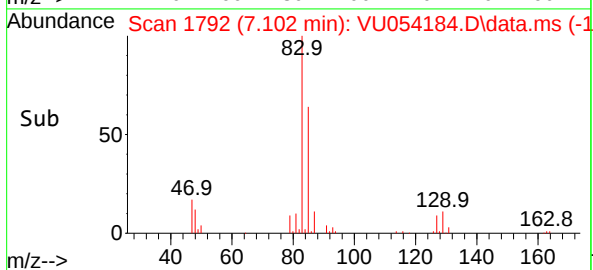
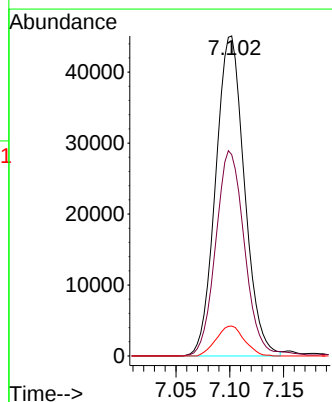
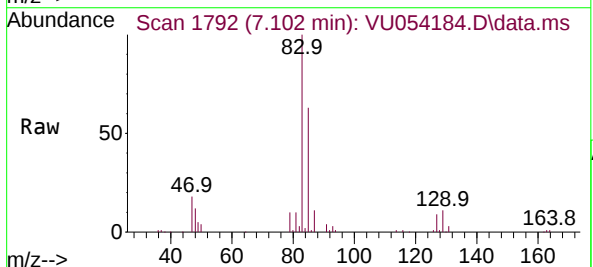
Instrument :
MSVOA_U
ClientSampleId :
GBWZ7MS

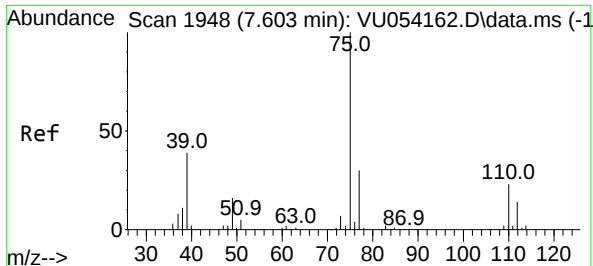
Tgt Ion: 63 Resp: 66129
Ion Ratio Lower Upper
63 100
112 4.7 3.3 4.9



#38
Bromodichloromethane
Concen: 5.430 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VU054184.D
Acq: 18 May 2023 22:53

Tgt Ion: 83 Resp: 84017
Ion Ratio Lower Upper
83 100
85 62.9 44.2 82.0
127 9.4 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 5.367 ug/L

RT: 7.603 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VU054184.D

Acq: 18 May 2023 22:53

Instrument :

MSVOA_U

ClientSampleId :

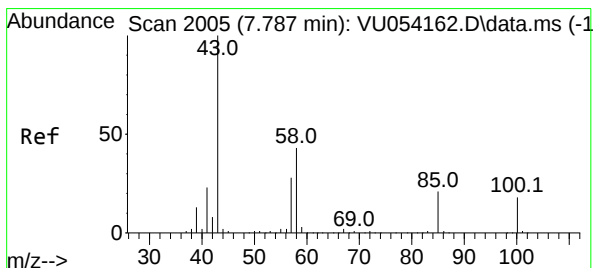
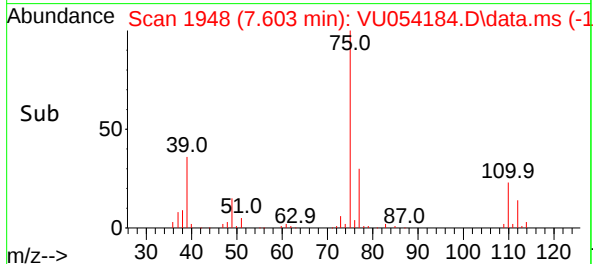
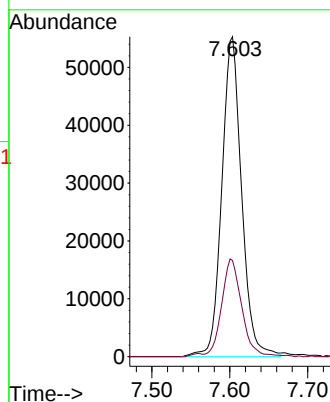
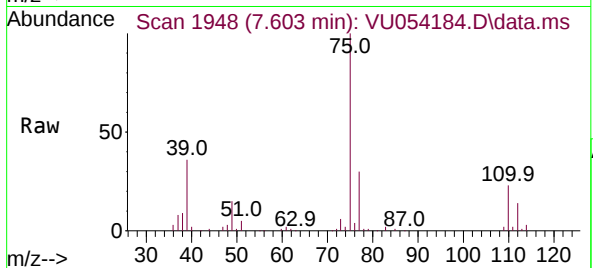
GBWZ7MS

Tgt Ion: 75 Resp: 97703

Ion Ratio Lower Upper

75 100

77 30.0 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 56.162 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. 0.000 min

Lab File: VU054184.D

Acq: 18 May 2023 22:53

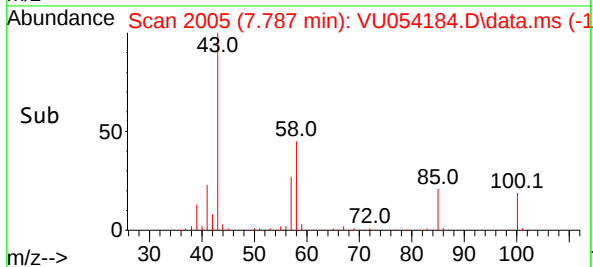
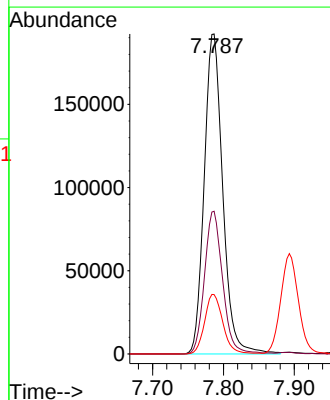
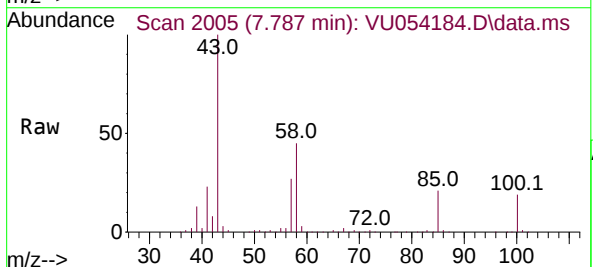
Tgt Ion: 43 Resp: 349304

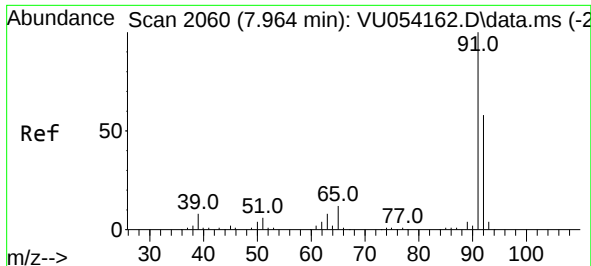
Ion Ratio Lower Upper

43 100

58 43.7 34.8 52.2

100 18.4 14.1 21.1





#42

Toluene

Concen: 5.508 ug/L

RT: 7.964 min Scan# 2060

Delta R.T. 0.000 min

Lab File: VU054184.D

Acq: 18 May 2023 22:53

Instrument :

MSVOA_U

ClientSampleId :

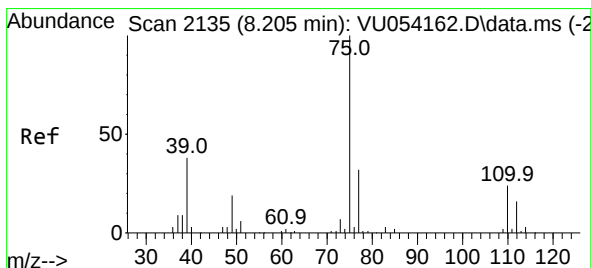
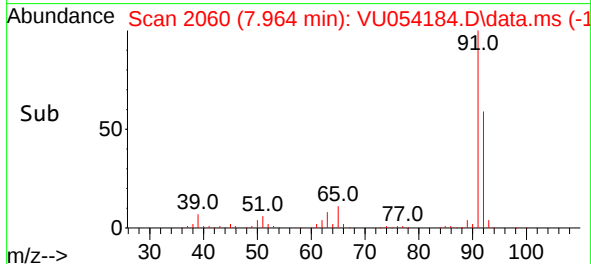
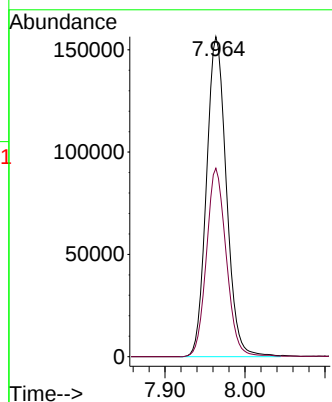
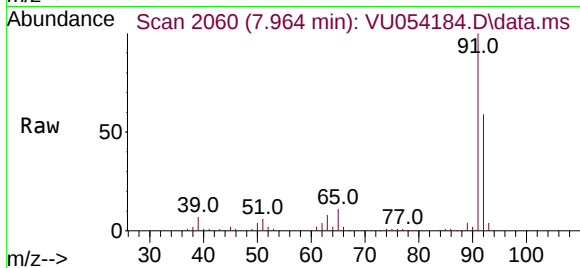
GBWZ7MS

Tgt Ion: 91 Resp: 270832

Ion Ratio Lower Upper

91 100

92 58.9 42.1 78.1



#44

trans-1,3-Dichloropropene

Concen: 5.412 ug/L

RT: 8.205 min Scan# 2135

Delta R.T. 0.000 min

Lab File: VU054184.D

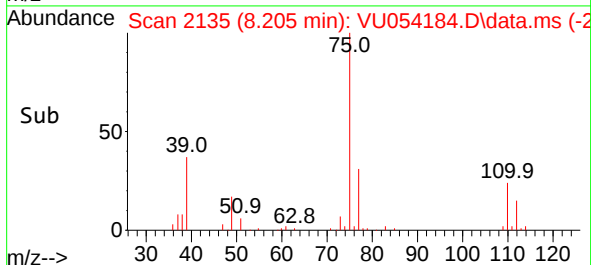
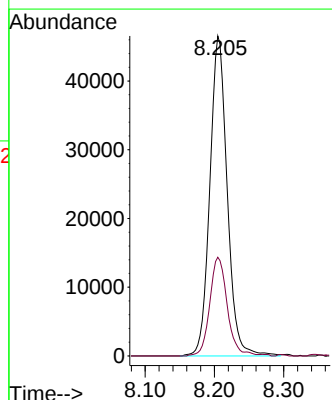
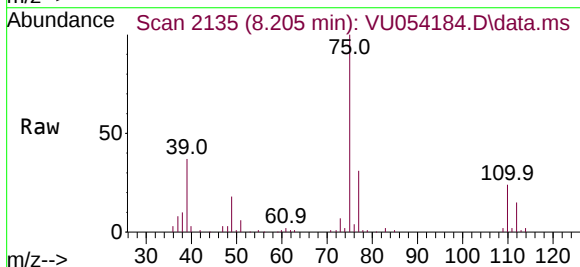
Acq: 18 May 2023 22:53

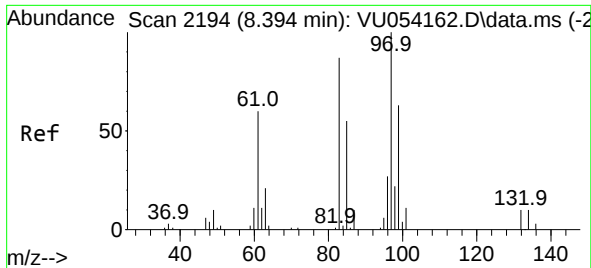
Tgt Ion: 75 Resp: 80862

Ion Ratio Lower Upper

75 100

77 30.8 20.8 38.6

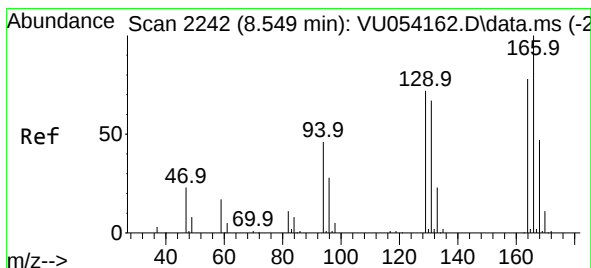
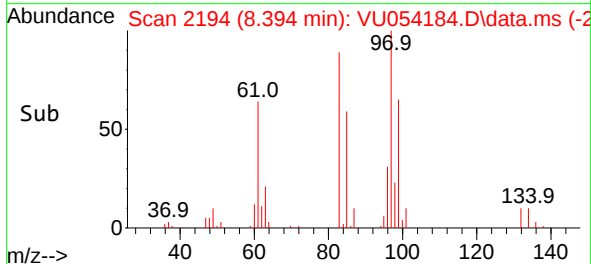
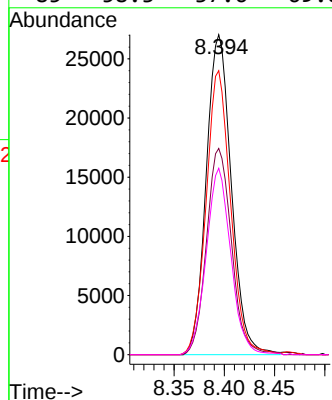
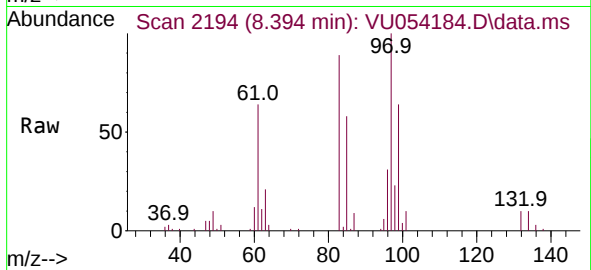




#45
1,1,2-Trichloroethane
Concen: 5.338 ug/L
RT: 8.394 min Scan# 2194
Delta R.T. 0.000 min
Lab File: VU054184.D
Acq: 18 May 2023 22:53

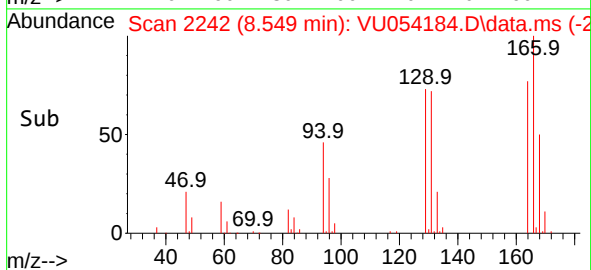
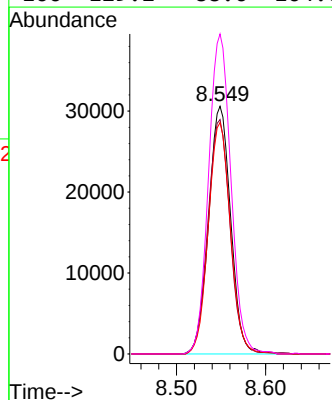
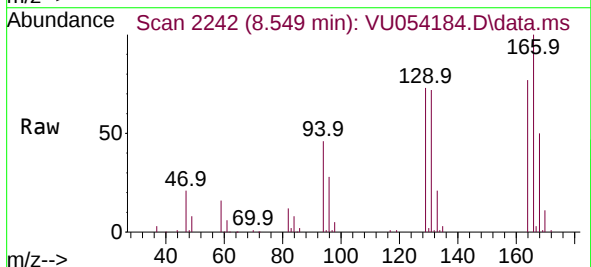
Instrument :
MSVOA_U
ClientSampleId :
GBWZ7MS

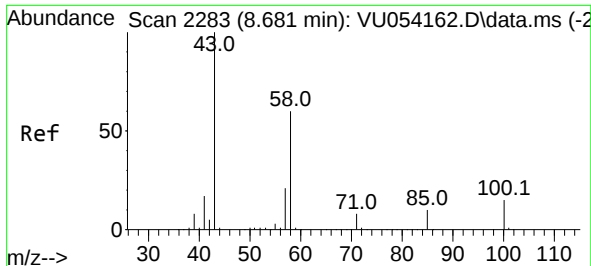
Tgt Ion:	97	Resp:	47003
Ion	Ratio	Lower	Upper
97	100		
99	64.4	43.0	79.8
83	88.7	59.1	109.9
85	58.3	37.6	69.8



#47
Tetrachloroethene
Concen: 5.111 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU054184.D
Acq: 18 May 2023 22:53

Tgt Ion:	164	Resp:	52563
Ion	Ratio	Lower	Upper
164	100		
129	94.6	63.3	117.7
131	93.4	61.0	113.4
166	129.2	88.6	164.6

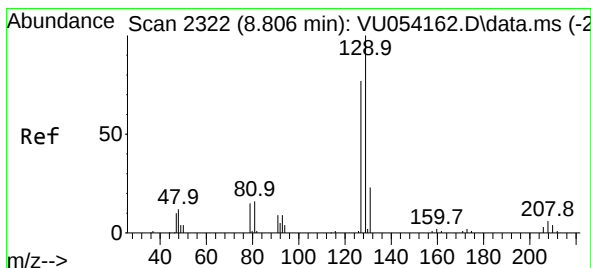
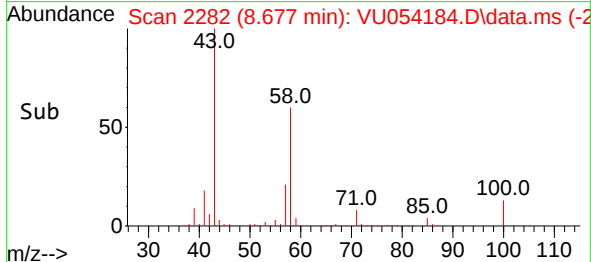
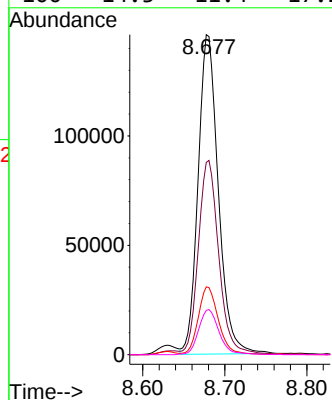
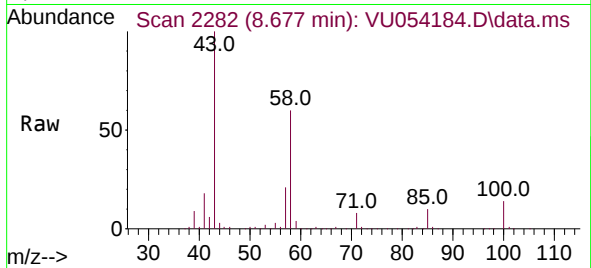




#48
2-Hexanone
Concen: 53.282 ug/L
RT: 8.677 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU054184.D
Acq: 18 May 2023 22:53

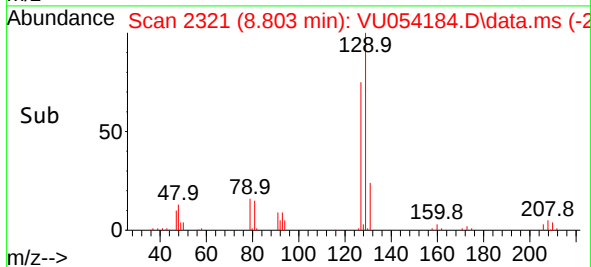
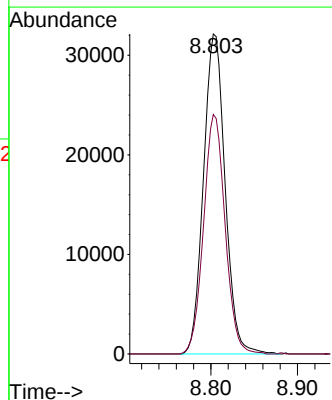
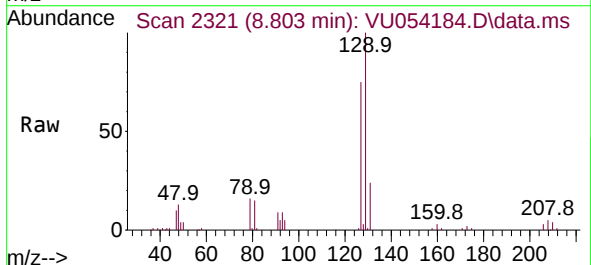
Instrument :
MSVOA_U
ClientSampleId :
GBWZ7MS

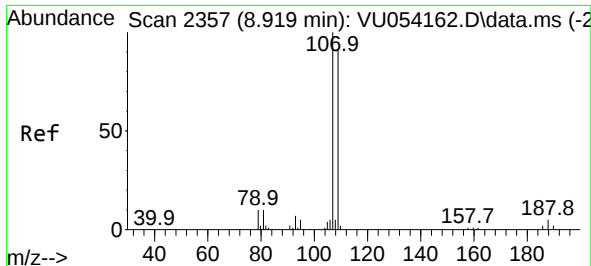
Tgt Ion:	43	Resp:	250561
Ion	Ratio	Lower	Upper
43	100		
58	61.3	48.6	72.8
57	20.9	16.7	25.1
100	14.3	11.4	17.2



#49
Dibromochloromethane
Concen: 5.666 ug/L
RT: 8.803 min Scan# 2321
Delta R.T. -0.003 min
Lab File: VU054184.D
Acq: 18 May 2023 22:53

Tgt Ion:	129	Resp:	55693
Ion	Ratio	Lower	Upper
129	100		
127	74.9	53.6	99.6





#50

1,2-Dibromoethane

Concen: 5.569 ug/L

RT: 8.919 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054184.D

Acq: 18 May 2023 22:53

Instrument :

MSVOA_U

ClientSampleId :

GBWZ7MS

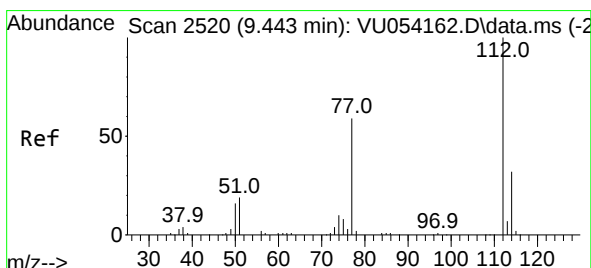
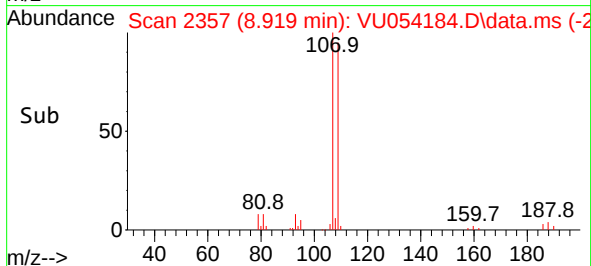
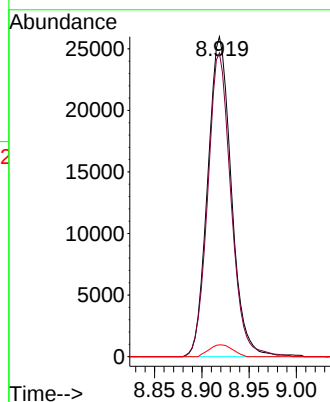
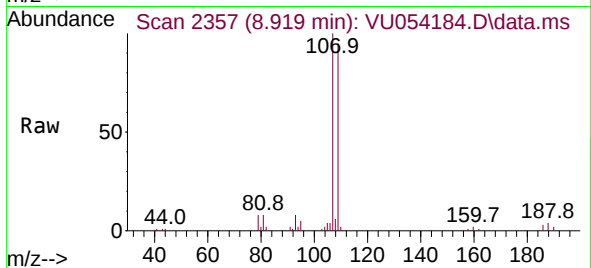
Tgt Ion:107 Resp: 45067

Ion Ratio Lower Upper

107 100

109 94.9 66.4 123.2

188 3.7 3.8 5.6#



#51

Chlorobenzene

Concen: 5.288 ug/L

RT: 9.443 min Scan# 2520

Delta R.T. 0.000 min

Lab File: VU054184.D

Acq: 18 May 2023 22:53

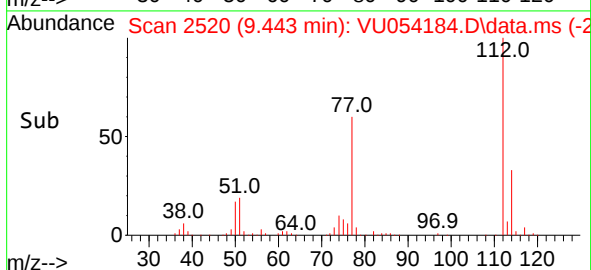
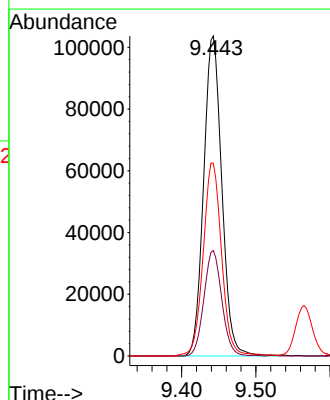
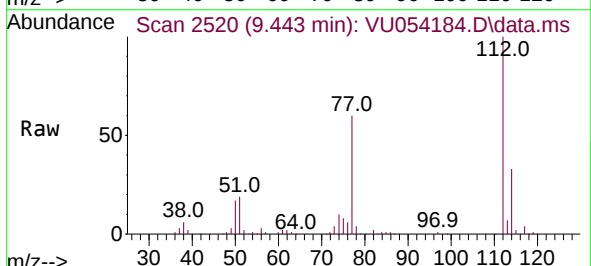
Tgt Ion:112 Resp: 175814

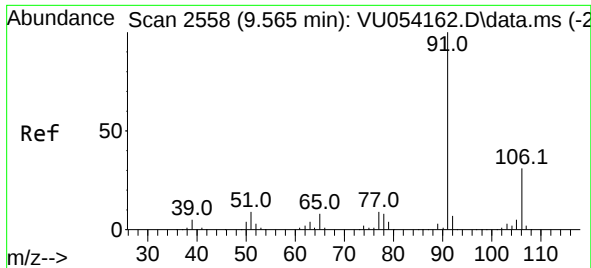
Ion Ratio Lower Upper

112 100

114 33.0 22.4 41.6

77 60.2 46.1 69.1

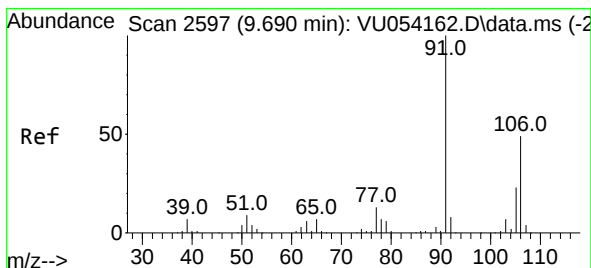
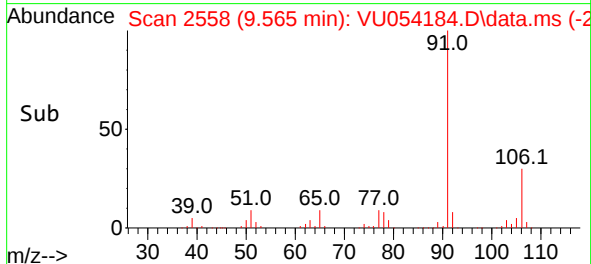
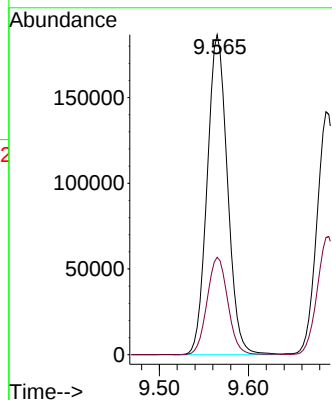
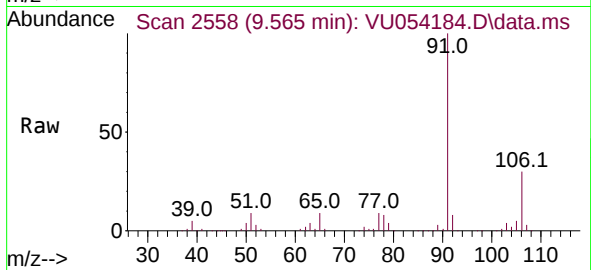




#52
Ethylbenzene
Concen: 5.395 ug/L
RT: 9.565 min Scan# 2558
Delta R.T. 0.000 min
Lab File: VU054184.D
Acq: 18 May 2023 22:53

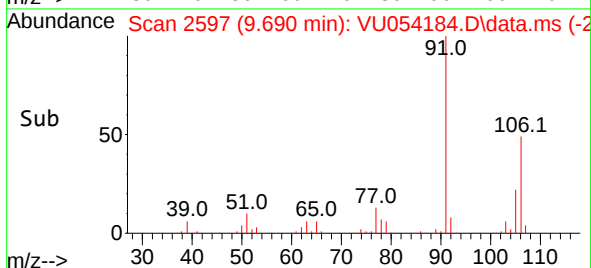
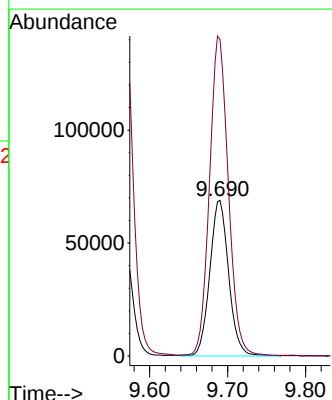
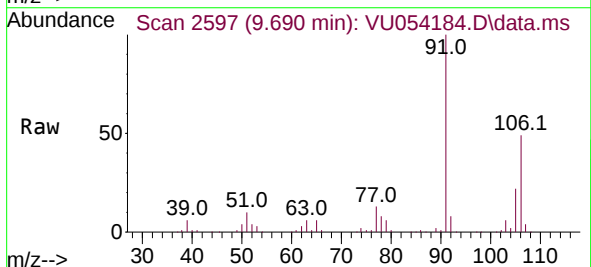
Instrument :
MSVOA_U
ClientSampleId :
GBWZ7MS

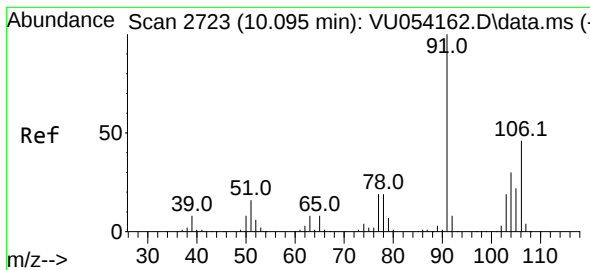
Tgt Ion: 91 Resp: 295628
Ion Ratio Lower Upper
91 100
106 30.4 21.3 39.5



#53
m,p-Xylene
Concen: 5.568 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU054184.D
Acq: 18 May 2023 22:53

Tgt Ion: 106 Resp: 115878
Ion Ratio Lower Upper
106 100
91 203.5 146.3 271.7





#54

o-Xylene

Concen: 5.512 ug/L

RT: 10.095 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054184.D

Acq: 18 May 2023 22:53

Instrument :

MSVOA_U

ClientSampleId :

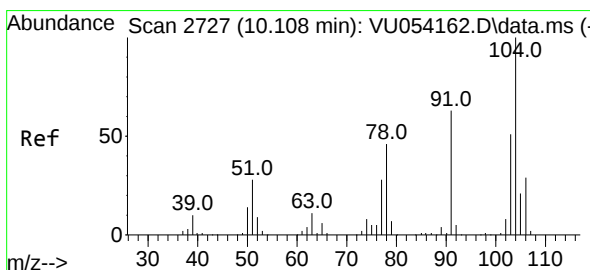
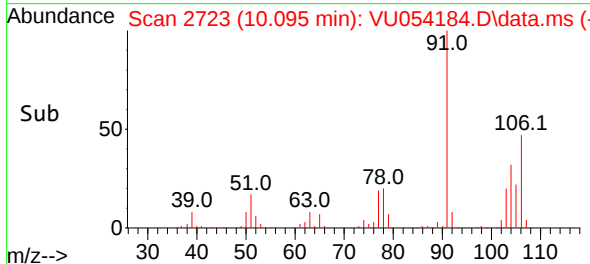
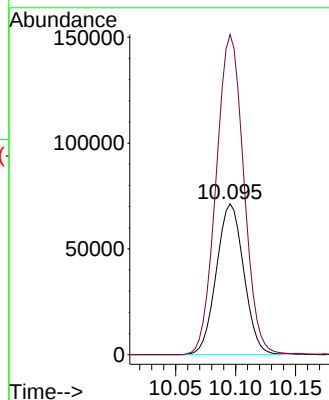
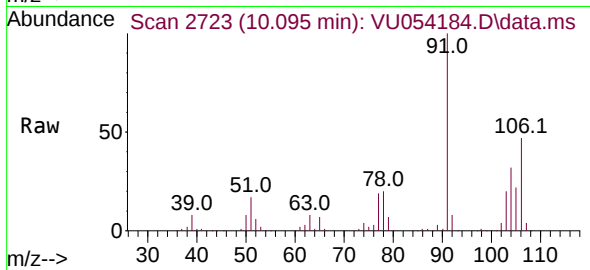
GBWZ7MS

Tgt Ion:106 Resp: 113300

Ion Ratio Lower Upper

106 100

91 212.2 153.6 285.3



#55

Styrene

Concen: 5.596 ug/L

RT: 10.108 min Scan# 2727

Delta R.T. 0.000 min

Lab File: VU054184.D

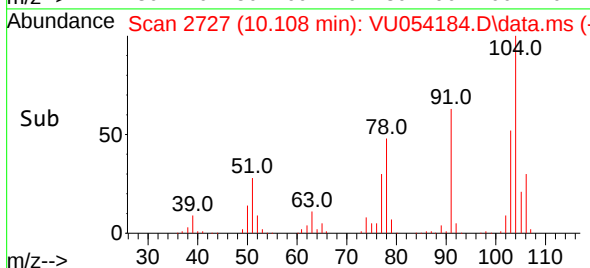
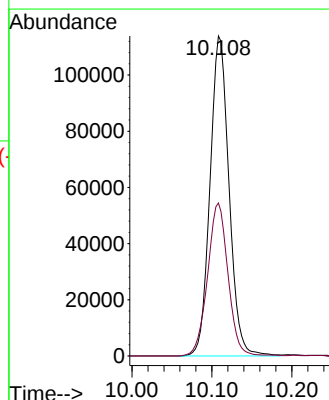
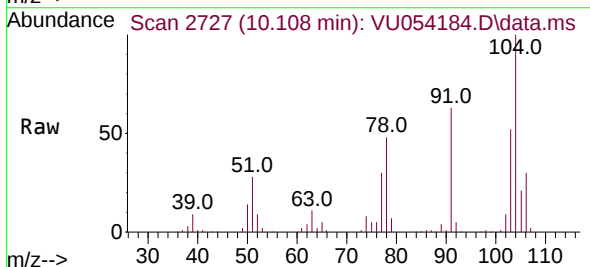
Acq: 18 May 2023 22:53

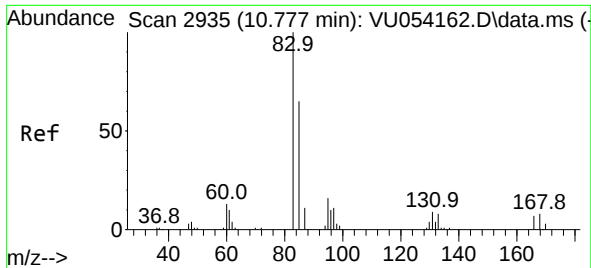
Tgt Ion:104 Resp: 188050

Ion Ratio Lower Upper

104 100

78 47.8 33.1 61.5

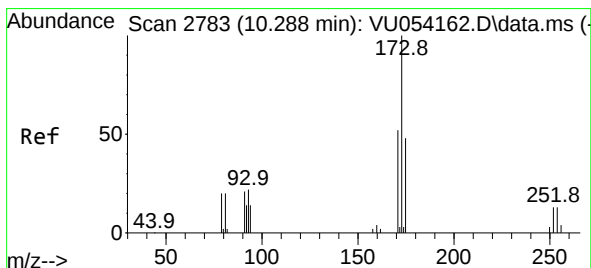
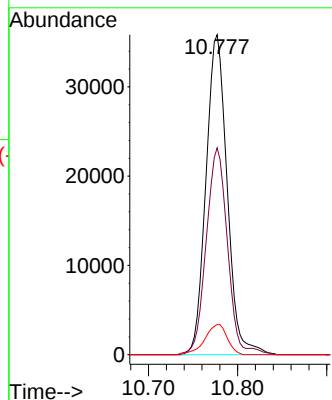
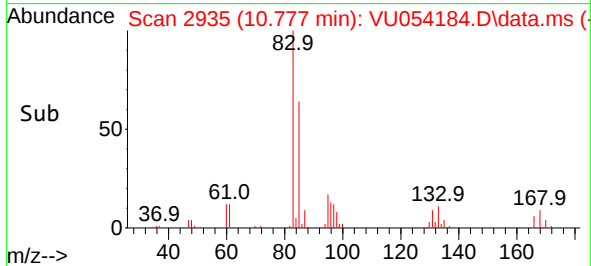
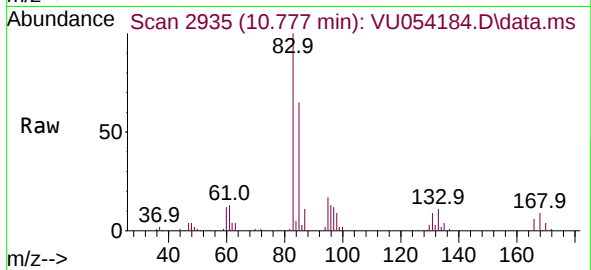




#57
1,1,2,2-Tetrachloroethane
Concen: 5.641 ug/L
RT: 10.777 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VU054184.D
Acq: 18 May 2023 22:53

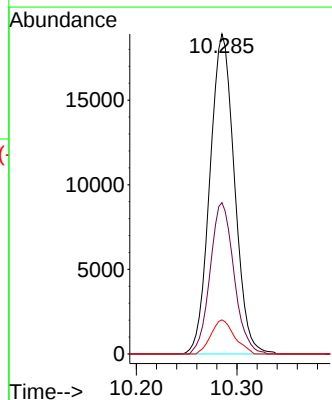
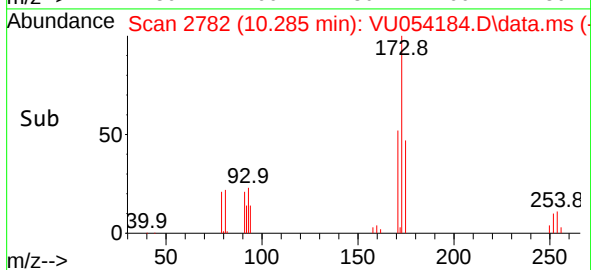
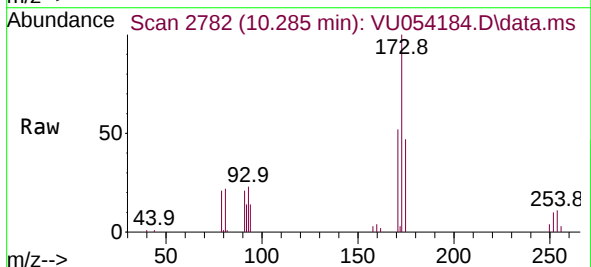
Instrument :
MSVOA_U
ClientSampleId :
GBWZ7MS

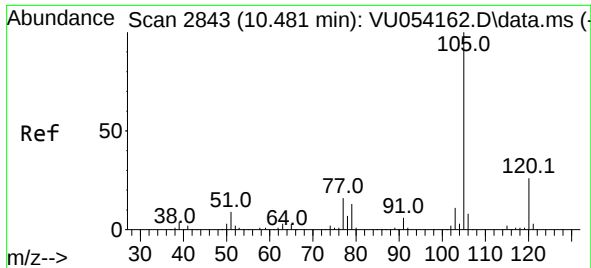
Tgt Ion: 83 Resp: 58989
Ion Ratio Lower Upper
83 100
85 64.6 44.8 83.2
131 9.4 8.1 12.1



#59
Bromoform
Concen: 5.387 ug/L
RT: 10.285 min Scan# 2782
Delta R.T. -0.003 min
Lab File: VU054184.D
Acq: 18 May 2023 22:53

Tgt Ion:173 Resp: 32061
Ion Ratio Lower Upper
173 100
175 45.9 38.6 58.0
254 10.2 7.9 11.9

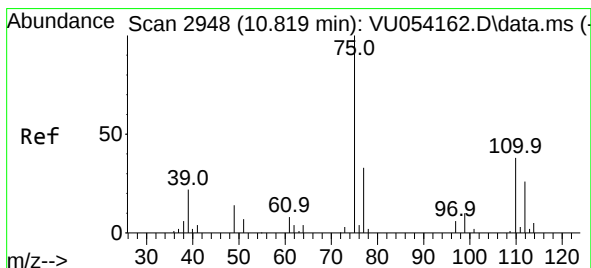
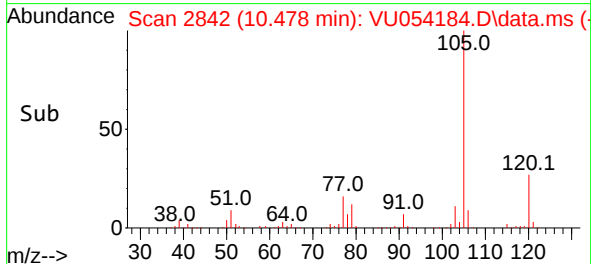
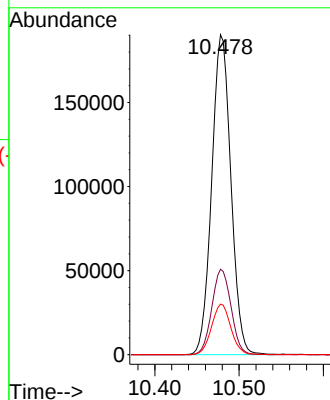
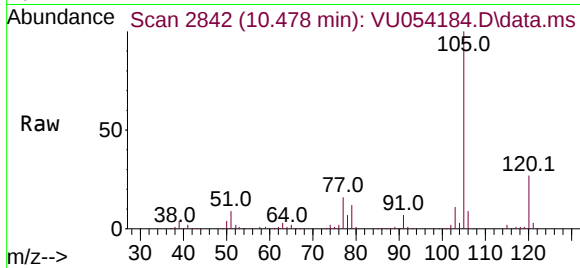




#60
Isopropylbenzene
Concen: 5.331 ug/L
RT: 10.478 min Scan# 2843
Delta R.T. -0.003 min
Lab File: VU054184.D
Acq: 18 May 2023 22:53

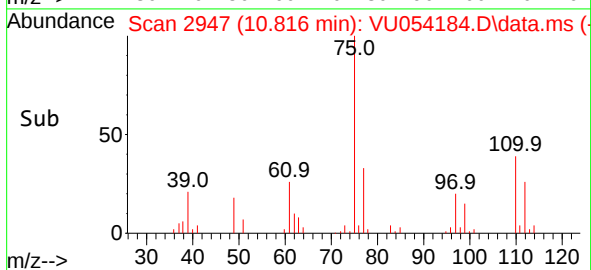
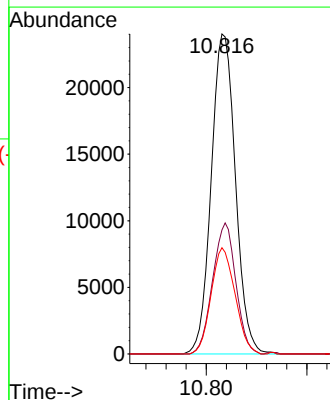
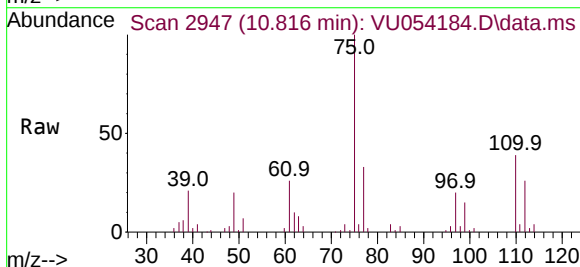
Instrument :
MSVOA_U
ClientSampleId :
GBWZ7MS

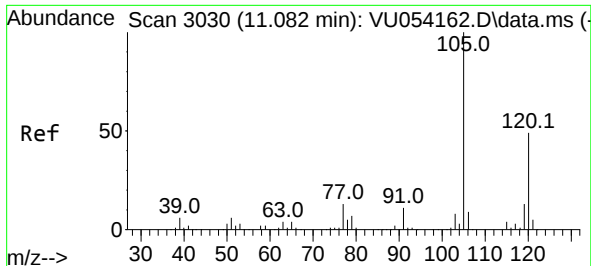
Tgt Ion:105 Resp: 301031
Ion Ratio Lower Upper
105 100
120 26.7 21.3 31.9
77 15.9 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 5.352 ug/L
RT: 10.816 min Scan# 2947
Delta R.T. -0.003 min
Lab File: VU054184.D
Acq: 18 May 2023 22:53

Tgt Ion: 75 Resp: 40159
Ion Ratio Lower Upper
75 100
110 39.2 32.3 48.5
77 32.8 26.3 39.5





#62

1,3,5-Trimethylbenzene

Concen: 5.298 ug/L

RT: 11.082 min Scan# 3030

Delta R.T. 0.000 min

Lab File: VU054184.D

Acq: 18 May 2023 22:53

Instrument :

MSVOA_U

ClientSampleId :

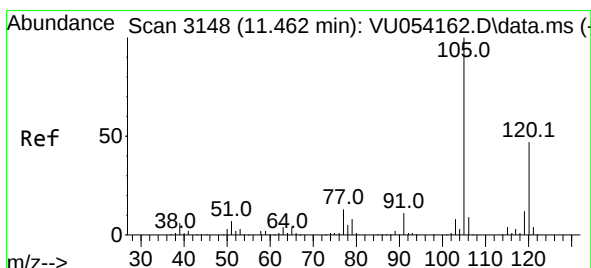
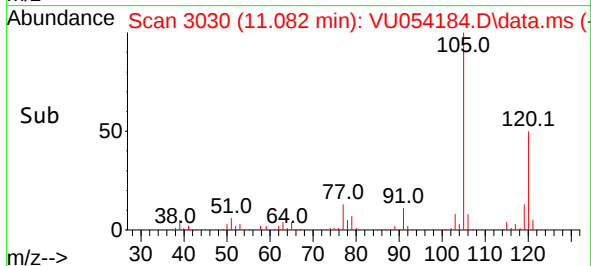
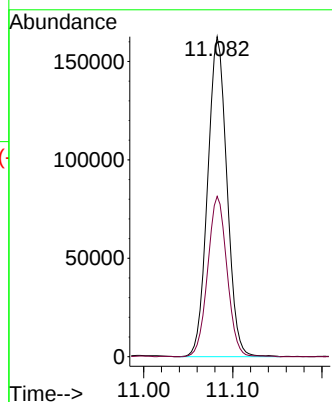
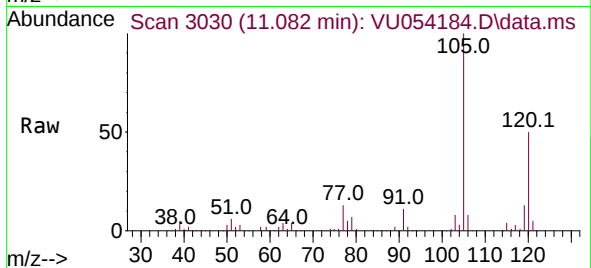
GBWZ7MS

Tgt Ion:105 Resp: 244198

Ion Ratio Lower Upper

105 100

120 50.1 39.4 59.0



#63

1,2,4-Trimethylbenzene

Concen: 5.510 ug/L

RT: 11.462 min Scan# 3148

Delta R.T. 0.000 min

Lab File: VU054184.D

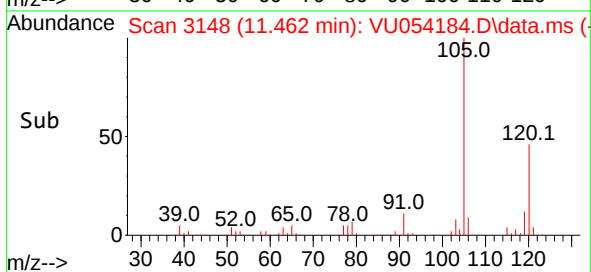
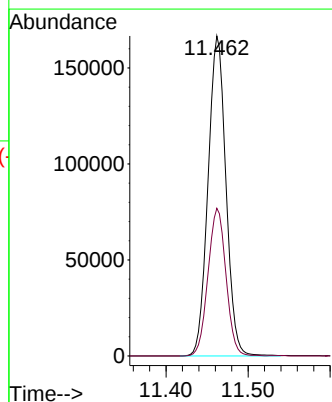
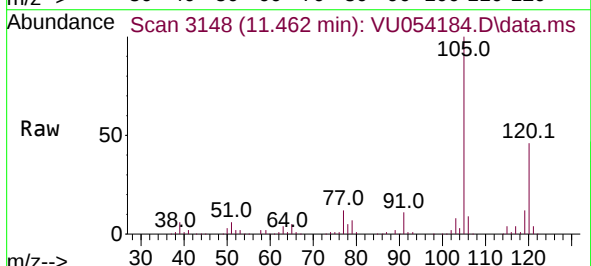
Acq: 18 May 2023 22:53

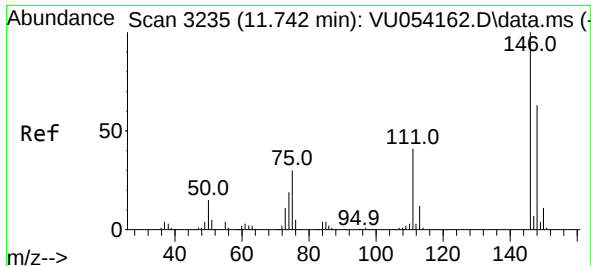
Tgt Ion:105 Resp: 253487

Ion Ratio Lower Upper

105 100

120 46.3 36.9 55.3

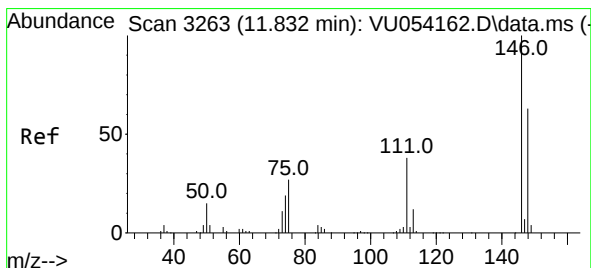
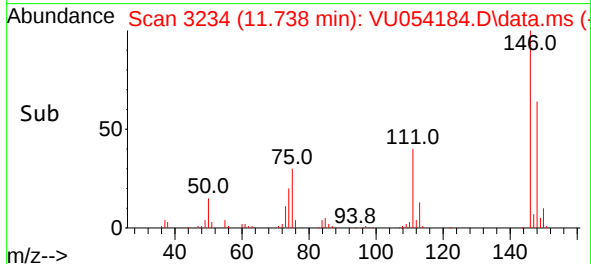
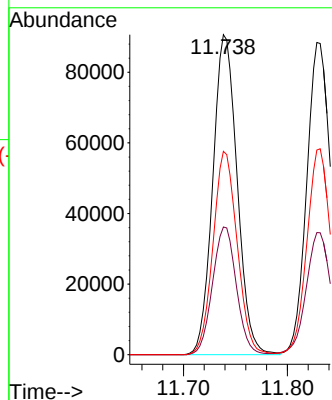
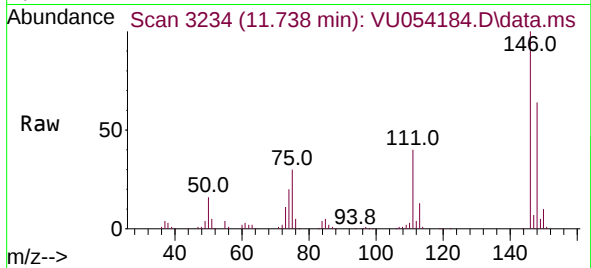




#64
1,3-Dichlorobenzene
Concen: 5.242 ug/L
RT: 11.738 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU054184.D
Acq: 18 May 2023 22:53

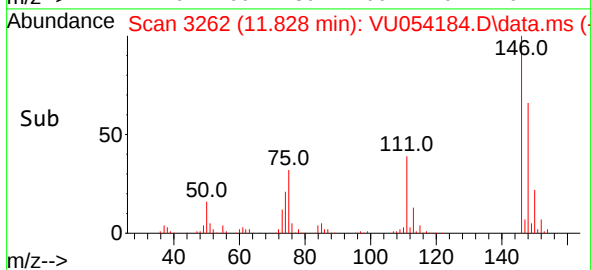
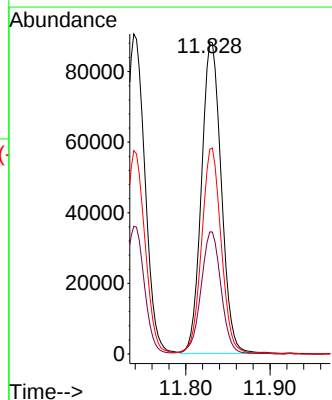
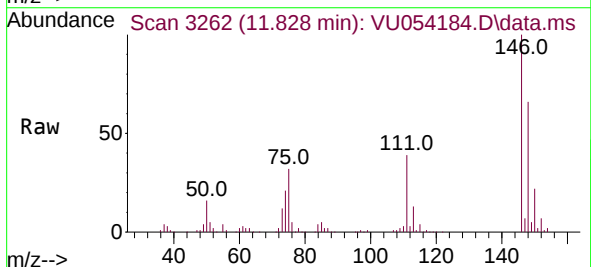
Instrument :
MSVOA_U
ClientSampleId :
GBWZ7MS

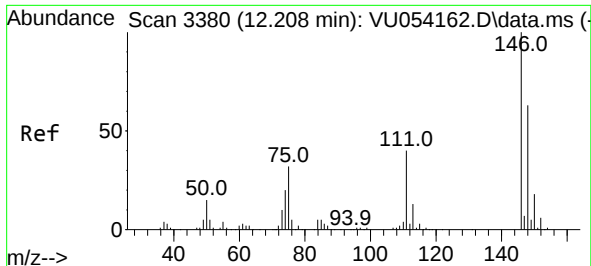
Tgt Ion:146 Resp: 147769
Ion Ratio Lower Upper
146 100
111 39.9 27.8 51.6
148 63.5 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 5.173 ug/L
RT: 11.828 min Scan# 3262
Delta R.T. -0.003 min
Lab File: VU054184.D
Acq: 18 May 2023 22:53

Tgt Ion:146 Resp: 144858
Ion Ratio Lower Upper
146 100
111 39.1 26.6 49.4
148 65.6 43.8 81.3

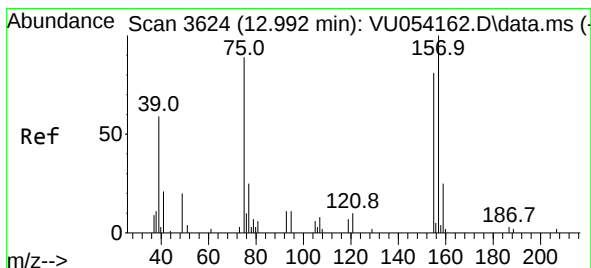
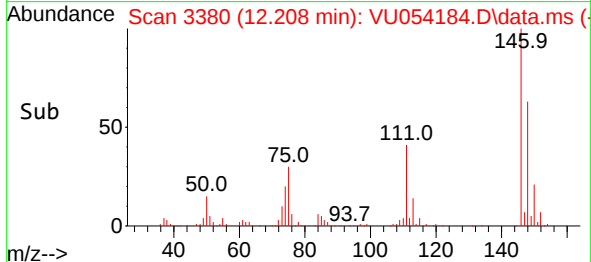
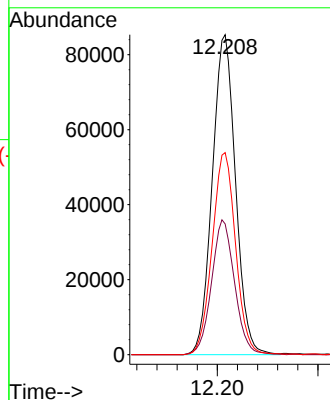
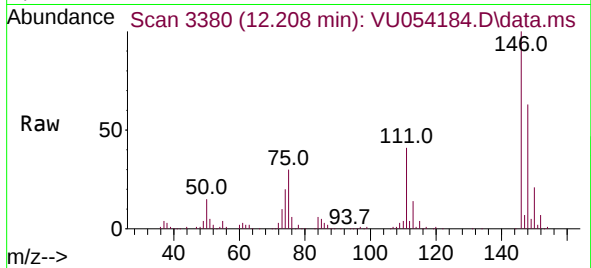




#67
1,2-Dichlorobenzene
Concen: 5.291 ug/L
RT: 12.208 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU054184.D
Acq: 18 May 2023 22:53

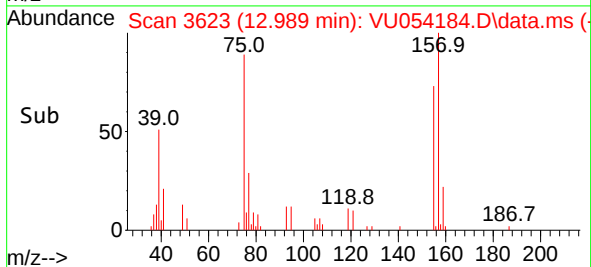
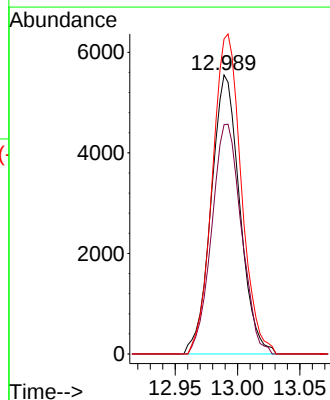
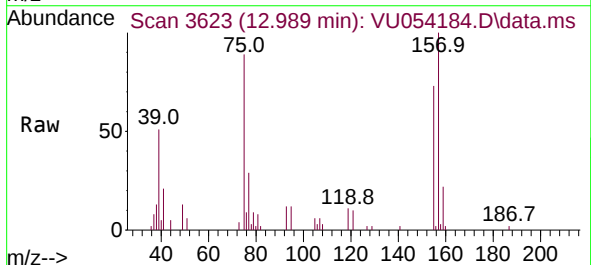
Instrument :
MSVOA_U
ClientSampleId :
GBWZ7MS

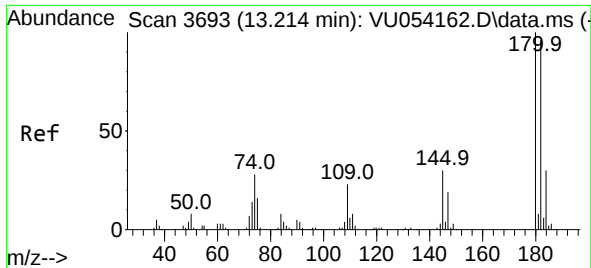
Tgt Ion:146 Resp: 136843
Ion Ratio Lower Upper
146 100
111 40.9 33.0 49.4
148 63.1 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 5.521 ug/L
RT: 12.989 min Scan# 3623
Delta R.T. -0.003 min
Lab File: VU054184.D
Acq: 18 May 2023 22:53

Tgt Ion: 75 Resp: 8856
Ion Ratio Lower Upper
75 100
155 82.1 62.7 94.1
157 112.9 77.0 115.4

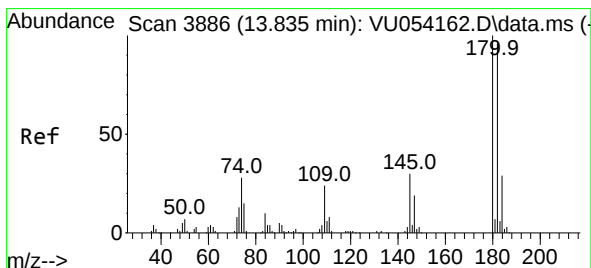
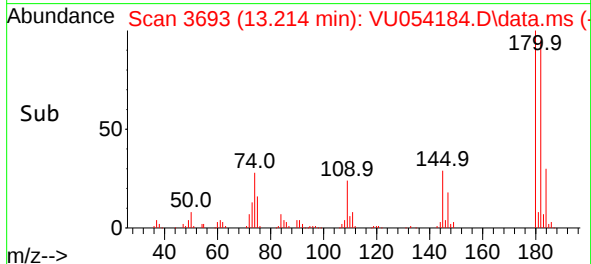
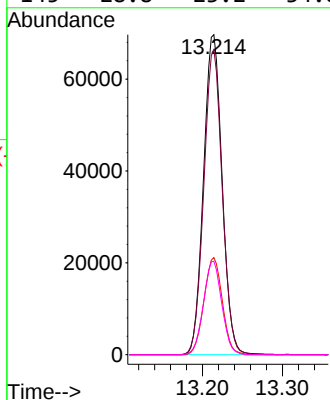
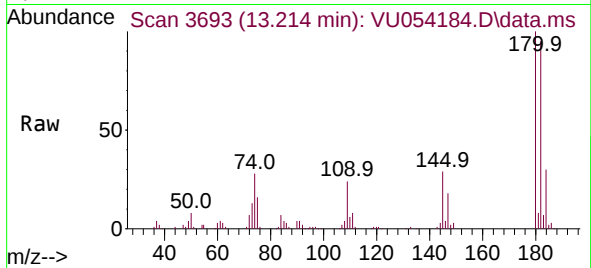




#69
 1,3,5-Trichlorobenzene
 Concen: 5.350 ug/L
 RT: 13.214 min Scan# 3693
 Delta R.T. 0.000 min
 Lab File: VU054184.D
 Acq: 18 May 2023 22:53

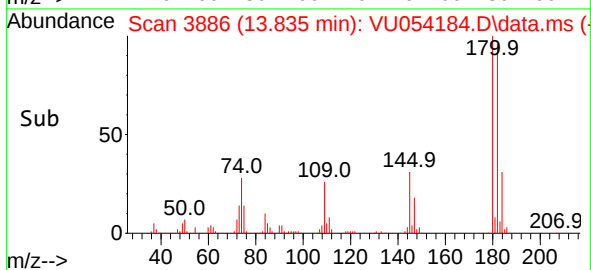
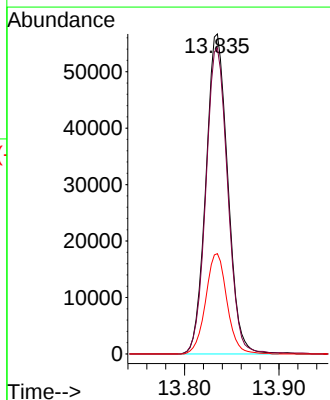
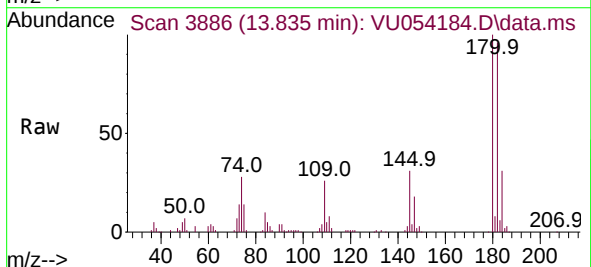
Instrument :
 MSVOA_U
 ClientSampleId :
 GBWZ7MS

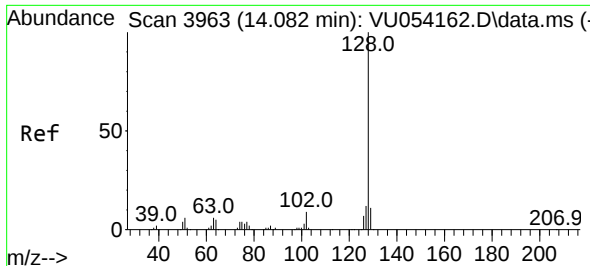
Tgt Ion:	180	Resp:	112516
Ion Ratio	Lower	Upper	
180	100		
182	94.7	76.1	114.1
184	30.0	24.5	36.7
145	28.8	23.2	34.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.244 ug/L
 RT: 13.835 min Scan# 3886
 Delta R.T. 0.000 min
 Lab File: VU054184.D
 Acq: 18 May 2023 22:53

Tgt Ion:	180	Resp:	91297
Ion Ratio	Lower	Upper	
180	100		
182	95.1	76.4	114.6
145	30.5	23.3	34.9

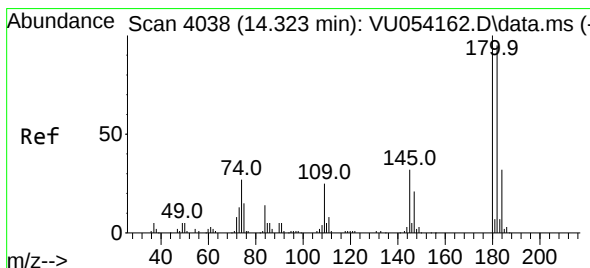
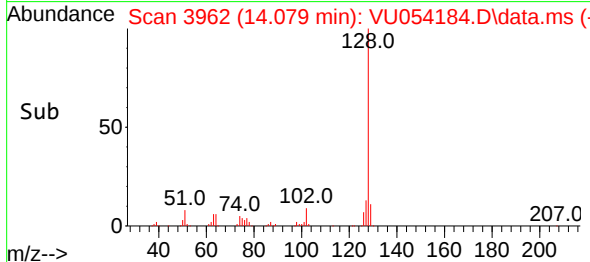
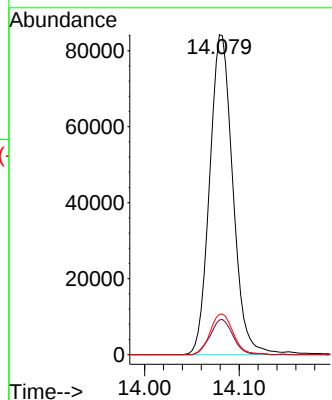
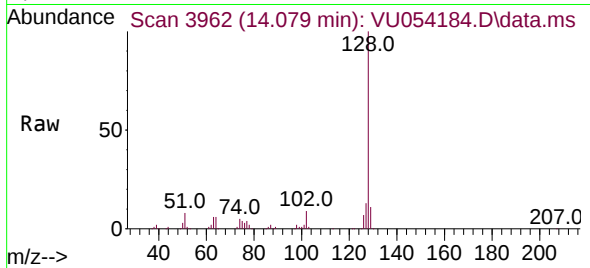




#71
Naphthalene
Concen: 5.690 ug/L
RT: 14.079 min Scan# 3962
Delta R.T. -0.003 min
Lab File: VU054184.D
Acq: 18 May 2023 22:53

Instrument :
MSVOA_U
ClientSampleId :
GBWZ7MS

Tgt Ion:128	Resp:	143308
Ion Ratio	Lower	Upper
128	100	
129	10.8	9.0 13.6
127	12.7	10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.718 ug/L
RT: 14.323 min Scan# 4038
Delta R.T. 0.000 min
Lab File: VU054184.D
Acq: 18 May 2023 22:53

Tgt Ion:180	Resp:	84267
Ion Ratio	Lower	Upper
180	100	
182	93.6	76.4 114.6
145	30.6	25.1 37.7

