

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052223\
 Data File : VU054233.D
 Acq On : 22 May 2023 09:03
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005171

Quant Time: May 22 12:42:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 20 02:06:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	188902	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	179750	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	99083	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	45333	4.451	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.000%
7) Chloroethane-d5	1.912	69	34717	4.557	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.565	65	20075	4.364	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.200%
20) 2-Butanone-d5	4.629	46	95856	52.778	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.560%
24) Chloroform-d	5.057	84	90737	4.739	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.697	65	42046	4.773	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.722	84	172235	4.705	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.687	67	51907	4.906	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.893	98	162516	4.702	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	8.176	79	21381	5.003	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.000%
46) 2-Hexanone-d5	8.629	63	71989	56.578	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.160%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	40324	5.317	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	12.188	152	58047	4.801	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	72167	5.053	ug/L	99
3) Chloromethane	1.517	50	67344	5.087	ug/L	96
5) Vinyl chloride	1.604	62	74584	5.303	ug/L	97
6) Bromomethane	1.858	94	42982	5.037	ug/L	93
8) Chloroethane	1.932	64	46209	5.187	ug/L	100
9) Trichlorofluoromethane	2.134	101	114214	5.112	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	70693	5.457	ug/L	98
12) 1,1-Dichloroethene	2.575	96	58513	5.061	ug/L	91
13) Acetone	2.645	43	131878	53.376	ug/L	97
14) Carbon disulfide	2.790	76	148417	5.109	ug/L	99
15) Methyl Acetate	2.954	43	27561	6.222	ug/L	95
16) Methylene chloride	3.041	84	69842	4.614	ug/L	99
17) Methyl tert-butyl Ether	3.359	73	151729	5.213	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	59840	5.088	ug/L	97
19) 1,1-Dichloroethane	3.864	63	125660	5.336	ug/L	95
21) 2-Butanone	4.710	43	184775	56.459	ug/L	99
22) cis-1,2-Dichloroethene	4.661	96	71235	5.180	ug/L	98
23) Bromochloromethane	4.970	128	32587	5.425	ug/L	97
25) Chloroform	5.083	83	133749	5.237	ug/L	98

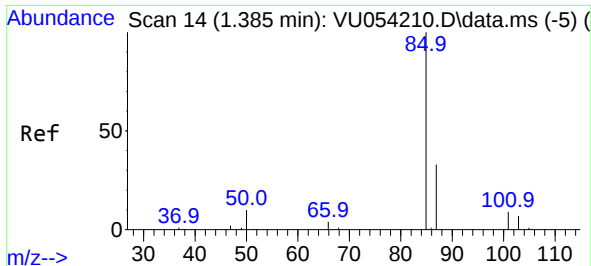
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Quant Time: May 22 12:42:18 2023
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 20 02:06:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	77677	5.289	ug/L	98
29) 1,1,1-Trichloroethane	5.311	97	114734	5.099	ug/L	99
30) Cyclohexane	5.385	56	94003	5.133	ug/L	98
31) Carbon tetrachloride	5.520	117	101210	5.187	ug/L	100
33) Benzene	5.771	78	271597	5.338	ug/L	100
34) Trichloroethene	6.539	95	71981	5.261	ug/L	99
35) Methylcyclohexane	6.758	83	100552	5.026	ug/L	97
37) 1,2-Dichloropropane	6.787	63	71691	5.366	ug/L	99
38) Bromodichloromethane	7.102	83	93010	5.498	ug/L	99
39) cis-1,3-Dichloropropene	7.603	75	103913	5.221	ug/L	100
40) 4-Methyl-2-pentanone	7.787	43	392934	57.783	ug/L	99
42) Toluene	7.967	91	290229	5.399	ug/L	96
44) trans-1,3-Dichloropropene	8.205	75	90494	5.539	ug/L	96
45) 1,1,2-Trichloroethane	8.394	97	52133	5.415	ug/L	95
47) Tetrachloroethene	8.549	164	57637	5.126	ug/L	94
48) 2-Hexanone	8.681	43	297473	57.858	ug/L	100
49) Dibromochloromethane	8.806	129	60069	5.589	ug/L	97
50) 1,2-Dibromoethane	8.918	107	48627	5.496	ug/L #	100
51) Chlorobenzene	9.443	112	187744	5.165	ug/L	99
52) Ethylbenzene	9.565	91	317028	5.292	ug/L	99
53) m,p-Xylene	9.690	106	123157	5.412	ug/L	99
54) o-Xylene	10.095	106	118549	5.275	ug/L	98
55) Styrene	10.111	104	203075	5.527	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	63384	5.544	ug/L	98
59) Bromoform	10.288	173	35276	5.536	ug/L	99
60) Isopropylbenzene	10.481	105	323976	5.359	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	44319	5.517	ug/L	98
62) 1,3,5-Trimethylbenzene	11.082	105	262387	5.317	ug/L	99
63) 1,2,4-Trimethylbenzene	11.462	105	264099	5.362	ug/L	98
64) 1,3-Dichlorobenzene	11.742	146	161427	5.349	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	156805	5.231	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	146945	5.306	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.992	75	9941	5.789	ug/L #	80
69) 1,3,5-Trichlorobenzene	13.214	180	120740	5.363	ug/L	100
70) 1,2,4-trichlorobenzene	13.835	180	95921	5.146	ug/L	98
71) Naphthalene	14.082	128	142124	5.271	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	87565	5.550	ug/L	99

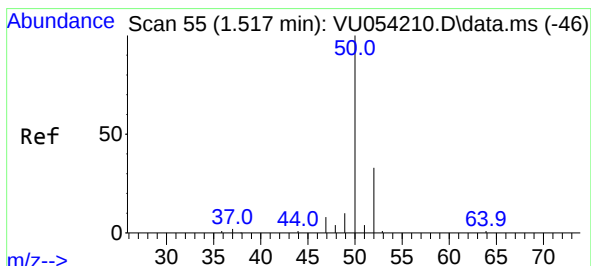
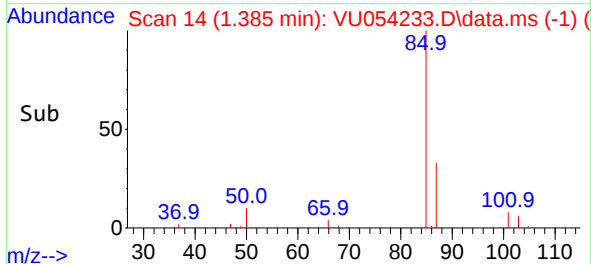
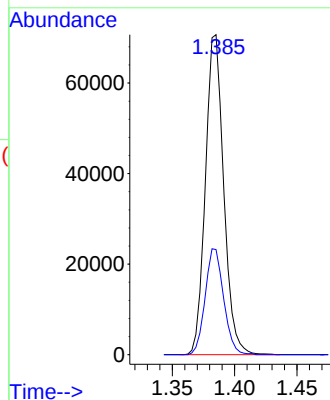
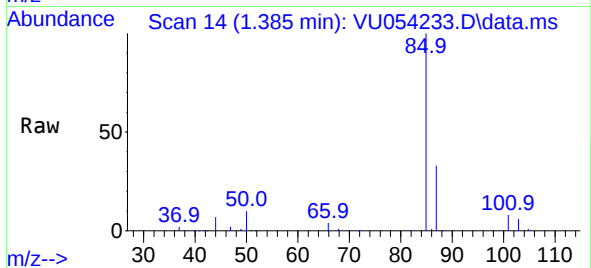
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#2
Dichlorodifluoromethane
Concen: 5.053 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU054233.D
Acq: 22 May 2023 09:03

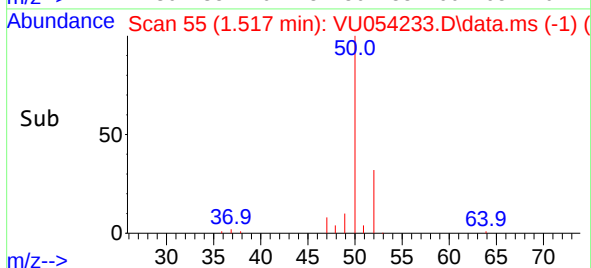
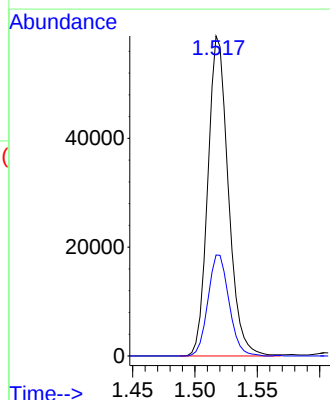
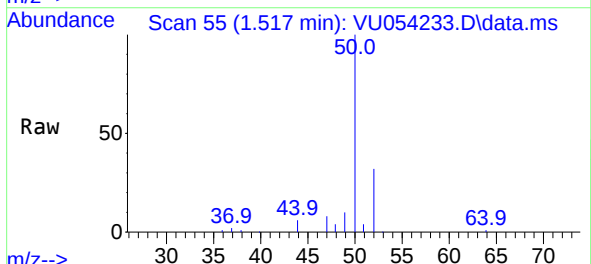
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ClientSampleId :
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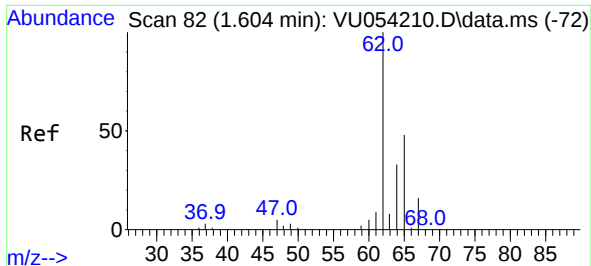
Tgt Ion: 85 Resp: 72167
Ion Ratio Lower Upper
85 100
87 33.4 26.1 39.1



#3
Chloromethane
Concen: 5.087 ug/L
RT: 1.517 min Scan# 55
Delta R.T. 0.000 min
Lab File: VU054233.D
Acq: 22 May 2023 09:03

Tgt Ion: 50 Resp: 67344
Ion Ratio Lower Upper
50 100
52 31.5 23.7 44.1

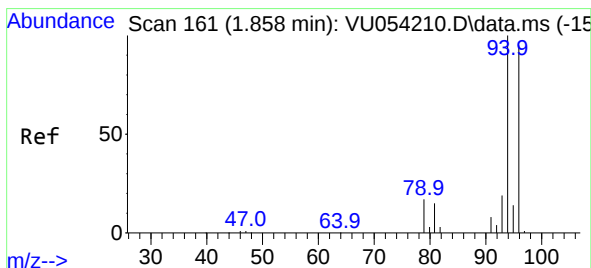
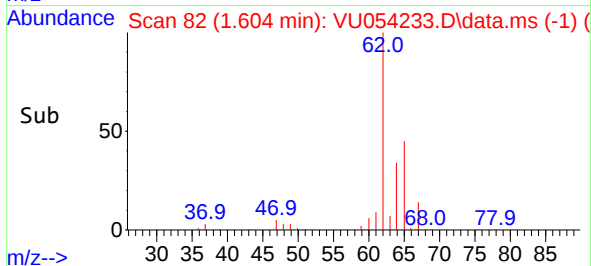
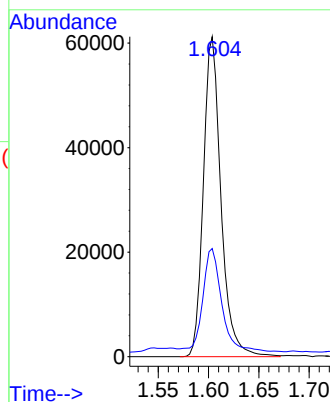
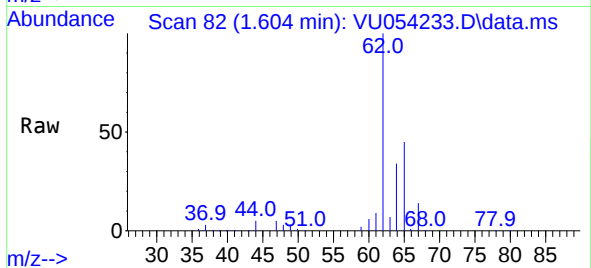




#5
 Vinyl chloride
 Concen: 5.303 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU054233.D
 Acq: 22 May 2023 09:03

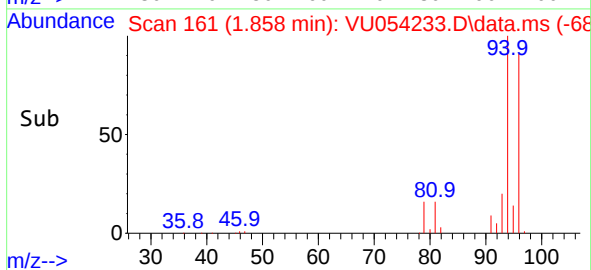
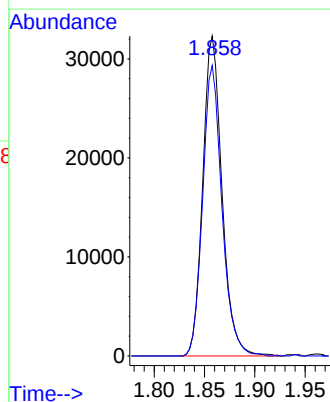
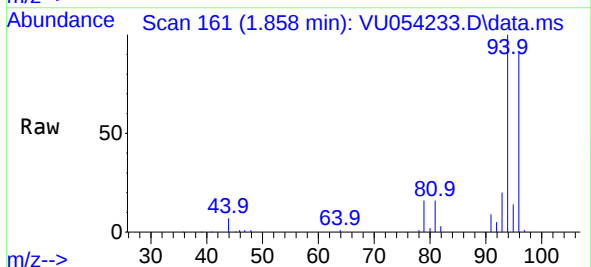
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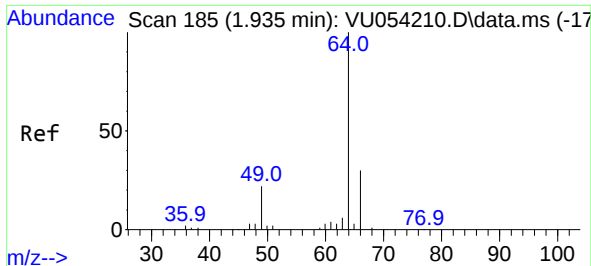
Tgt Ion: 62 Resp: 74584
 Ion Ratio Lower Upper
 62 100
 64 33.8 22.4 41.6



#6
 Bromomethane
 Concen: 5.037 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VU054233.D
 Acq: 22 May 2023 09:03

Tgt Ion: 94 Resp: 42982
 Ion Ratio Lower Upper
 94 100
 96 90.8 68.7 127.5

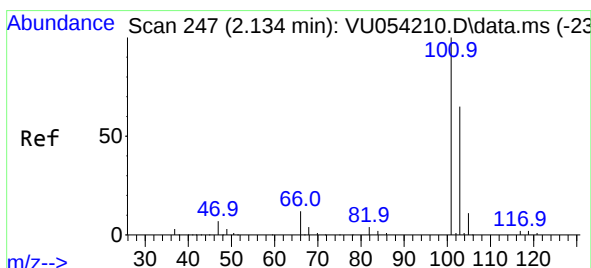
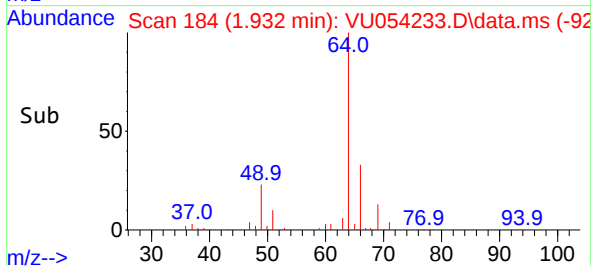
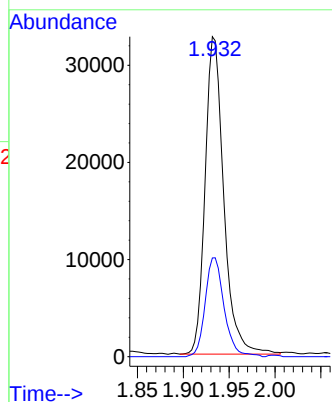
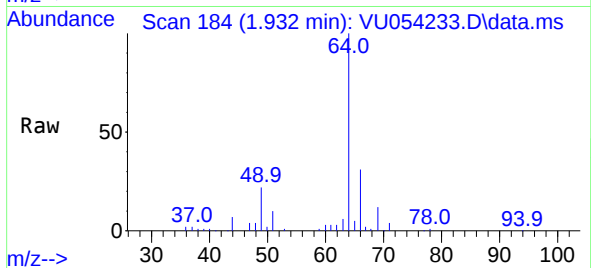




#8
Chloroethane
Concen: 5.187 ug/L
RT: 1.932 min Scan# 184
Delta R.T. -0.003 min
Lab File: VU054233.D
Acq: 22 May 2023 09:03

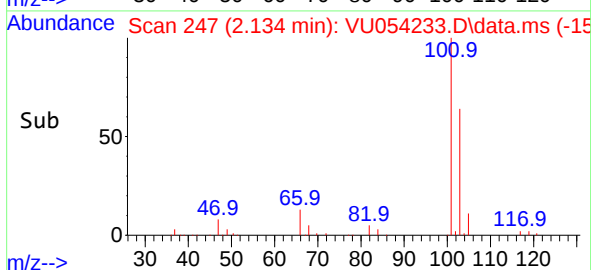
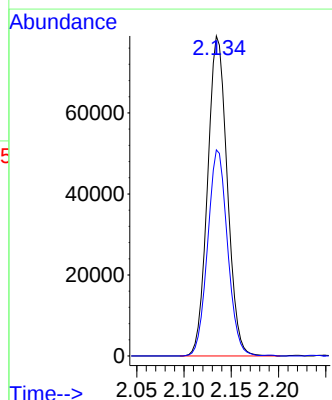
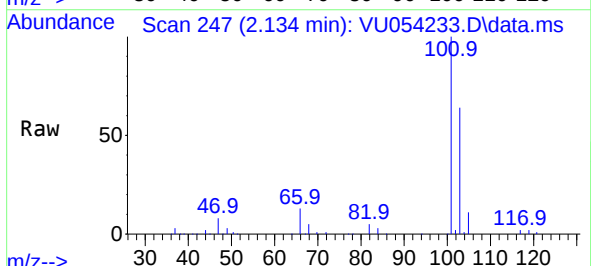
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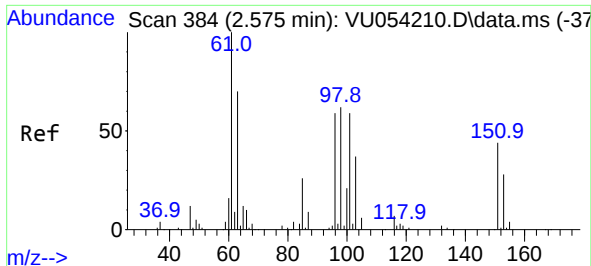
Tgt Ion: 64 Resp: 46209
Ion Ratio Lower Upper
64 100
66 30.8 21.6 40.0



#9
Trichlorofluoromethane
Concen: 5.112 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.000 min
Lab File: VU054233.D
Acq: 22 May 2023 09:03

Tgt Ion:101 Resp: 114214
Ion Ratio Lower Upper
101 100
103 65.1 51.0 76.6

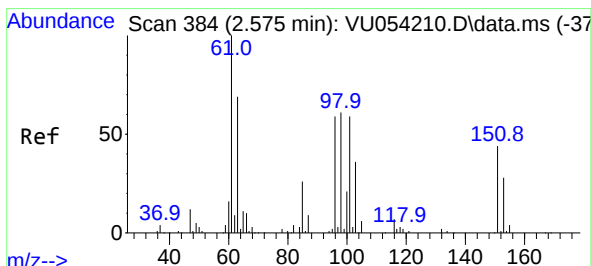
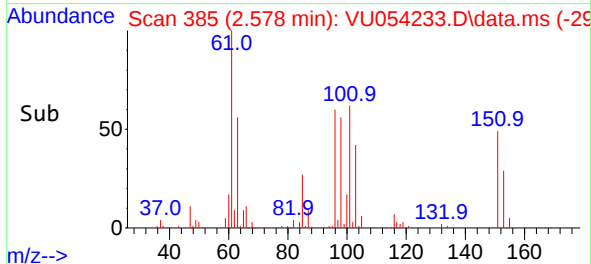
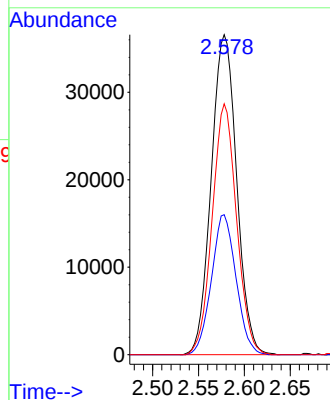
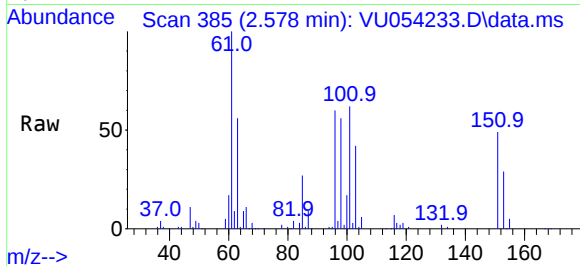




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.457 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU054233.D
Acq: 22 May 2023 09:03

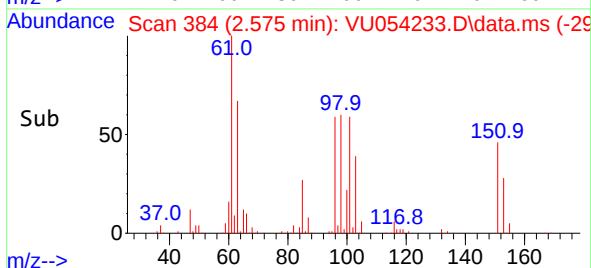
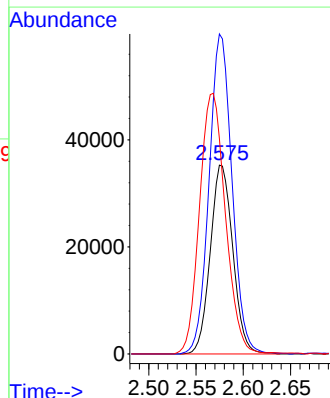
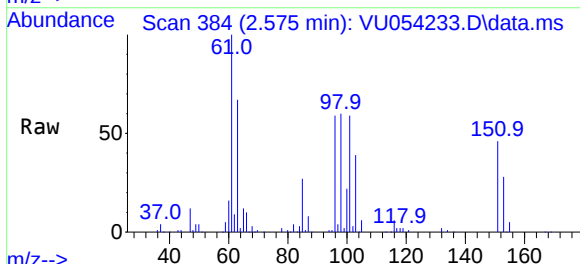
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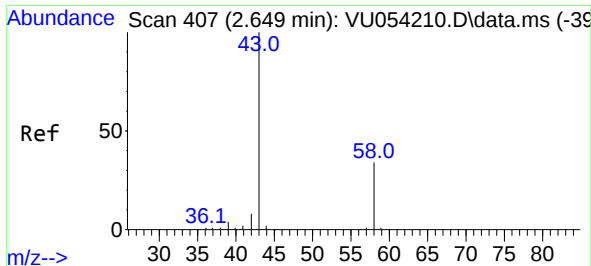
Tgt Ion:101 Resp: 70693
Ion Ratio Lower Upper
101 100
85 42.3 35.0 52.4
151 75.2 59.0 88.6



#12
1,1-Dichloroethene
Concen: 5.061 ug/L
RT: 2.575 min Scan# 384
Delta R.T. 0.000 min
Lab File: VU054233.D
Acq: 22 May 2023 09:03

Tgt Ion: 96 Resp: 58513
Ion Ratio Lower Upper
96 100
61 169.4 114.7 212.9
63 114.0 68.6 127.4





#13

Acetone

Concen: 53.376 ug/L

RT: 2.645 min Scan# 407

Delta R.T. -0.003 min

Lab File: VU054233.D

Acq: 22 May 2023 09:03

Instrument :

MSVOA_U

ClientSampleId :

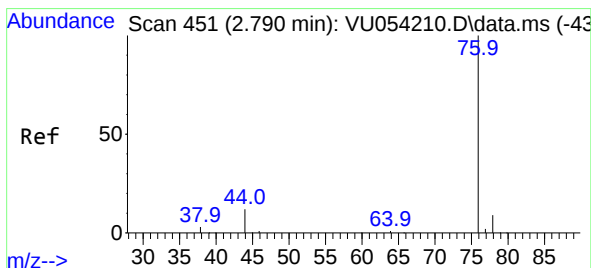
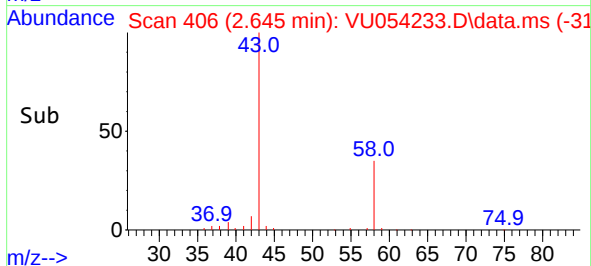
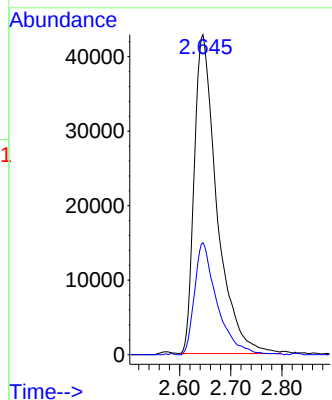
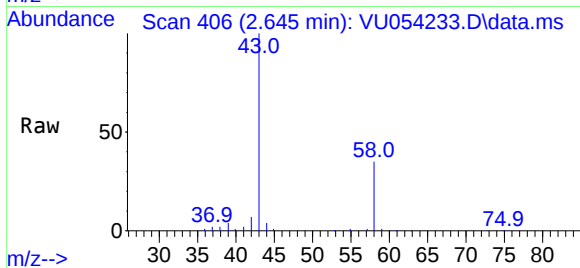
VSTD005171

Tgt Ion: 43 Resp: 131878

Ion Ratio Lower Upper

43 100

58 34.9 0.0 73.2



#14

Carbon disulfide

Concen: 5.109 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU054233.D

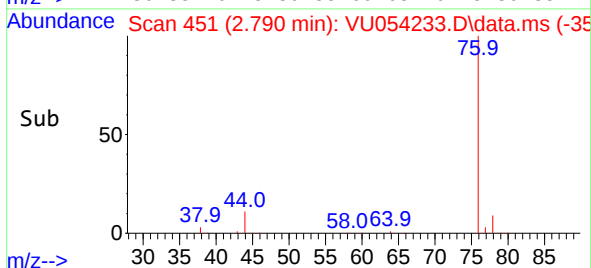
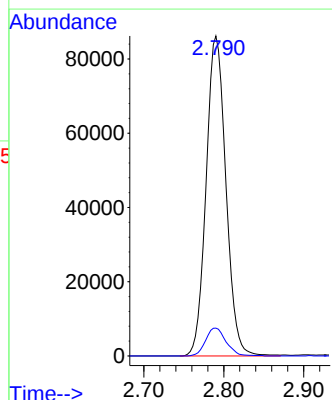
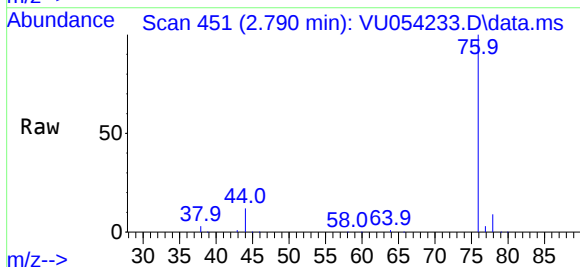
Acq: 22 May 2023 09:03

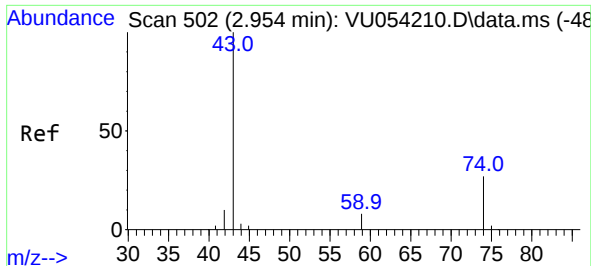
Tgt Ion: 76 Resp: 148417

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.0

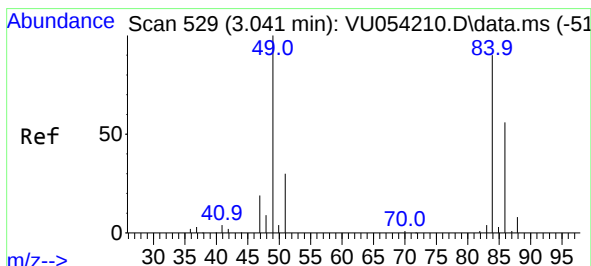
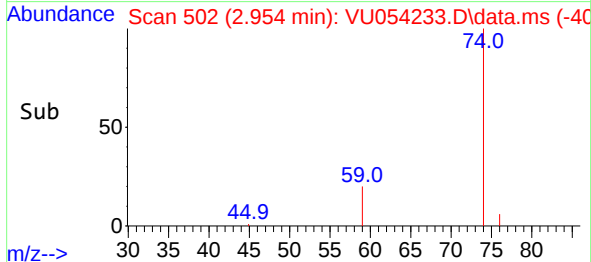
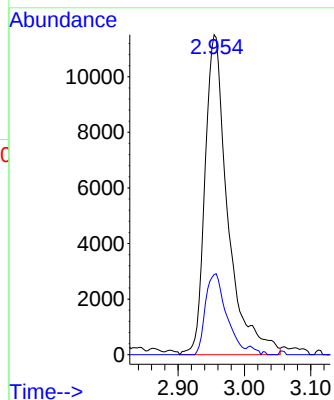
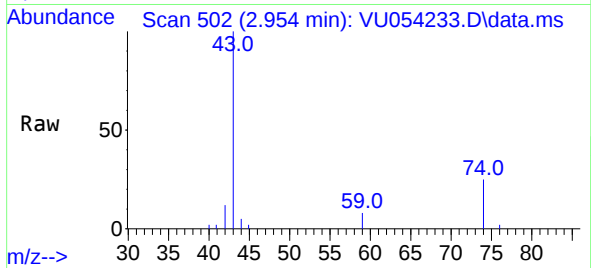




#15
Methyl Acetate
Concen: 6.222 ug/L
RT: 2.954 min Scan# 502
Delta R.T. 0.000 min
Lab File: VU054233.D
Acq: 22 May 2023 09:03

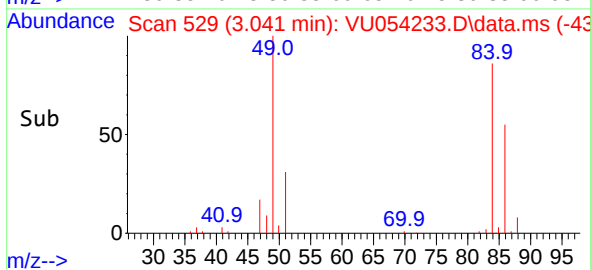
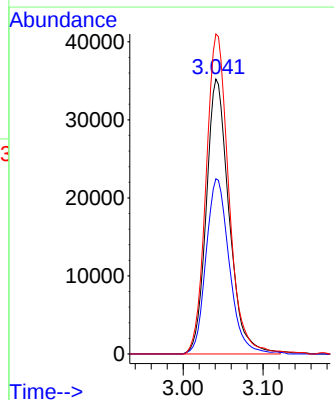
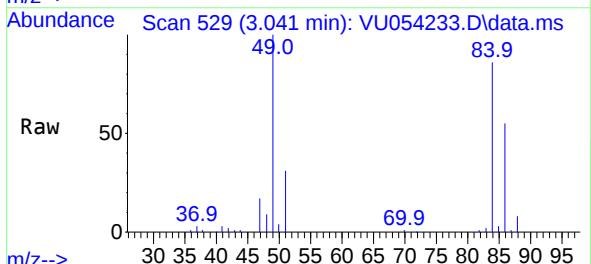
Instrument :
MSVOA_U
ClientSampleId :
VSTD005171

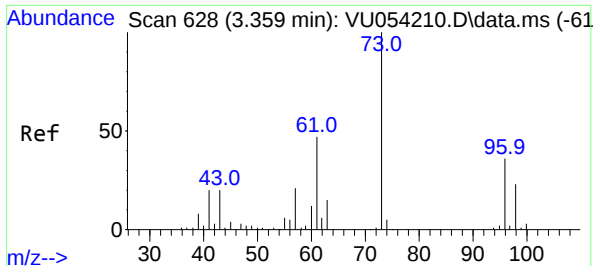
Tgt Ion: 43 Resp: 27561
Ion Ratio Lower Upper
43 100
74 23.1 20.3 30.5



#16
Methylene chloride
Concen: 4.614 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU054233.D
Acq: 22 May 2023 09:03

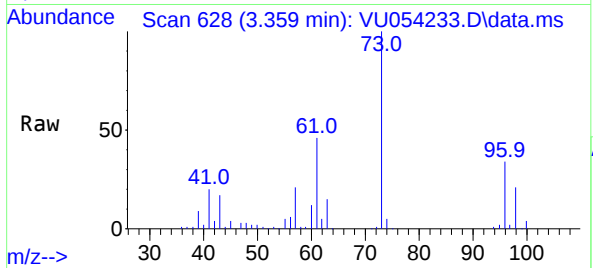
Tgt Ion: 84 Resp: 69842
Ion Ratio Lower Upper
84 100
86 63.7 45.5 84.5
49 116.4 81.3 150.9



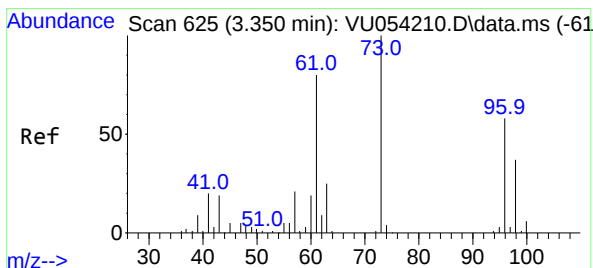
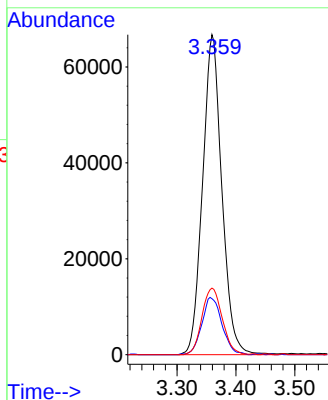
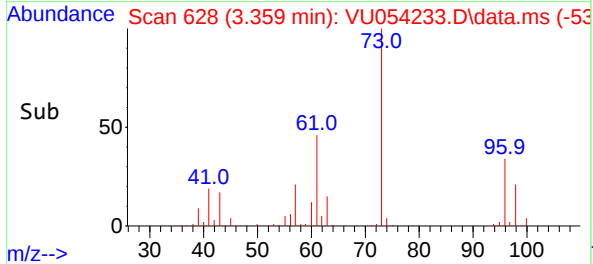


#17
Methyl tert-butyl Ether
Concen: 5.213 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU054233.D
Acq: 22 May 2023 09:03

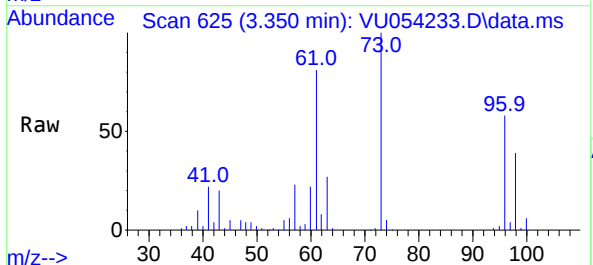
Instrument :
MSVOA_U
ClientSampleId :
VSTD005171



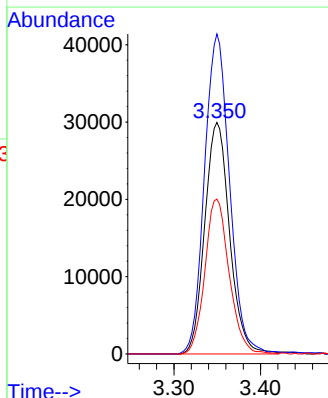
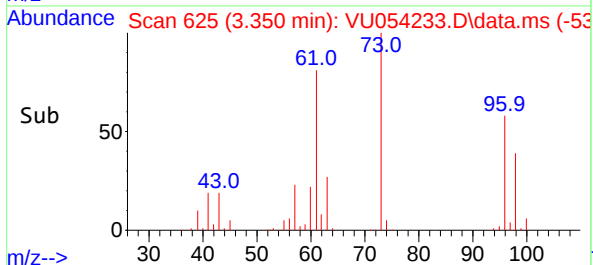
Tgt Ion: 73 Resp: 151729
Ion Ratio Lower Upper
73 100
43 18.7 14.6 22.0
57 21.9 17.1 25.7

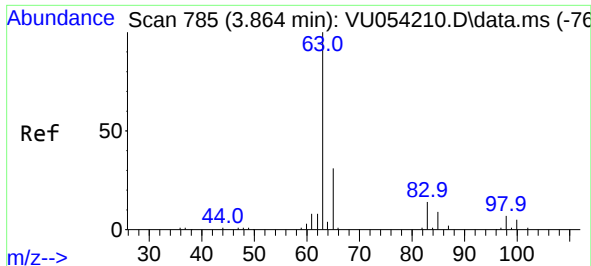


#18
trans-1,2-Dichloroethene
Concen: 5.088 ug/L
RT: 3.350 min Scan# 625
Delta R.T. 0.000 min
Lab File: VU054233.D
Acq: 22 May 2023 09:03



Tgt Ion: 96 Resp: 59840
Ion Ratio Lower Upper
96 100
61 138.2 94.1 174.8
98 66.9 45.3 84.1

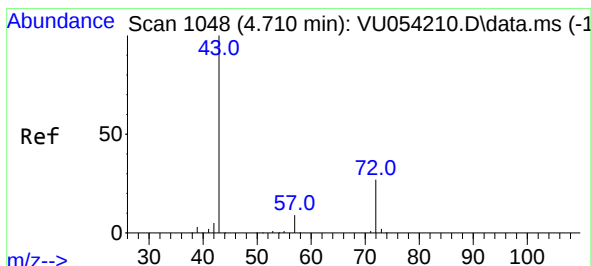
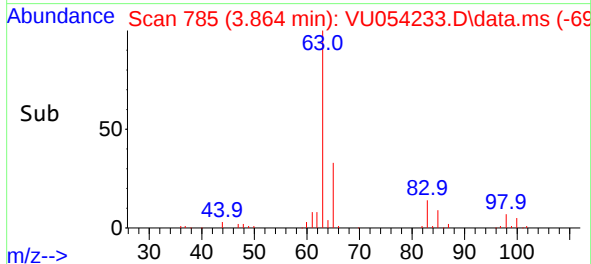
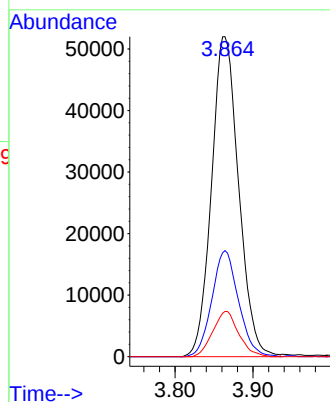
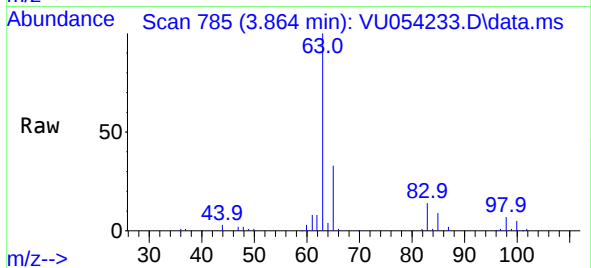




#19
1,1-Dichloroethane
Concen: 5.336 ug/L
RT: 3.864 min Scan# 785
Delta R.T. 0.000 min
Lab File: VU054233.D
Acq: 22 May 2023 09:03

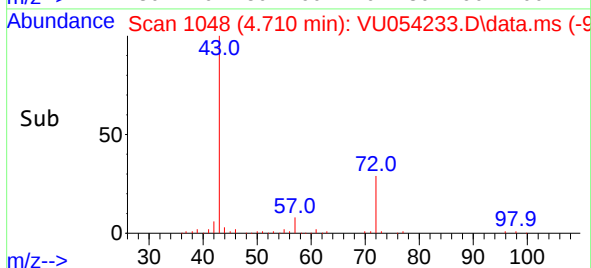
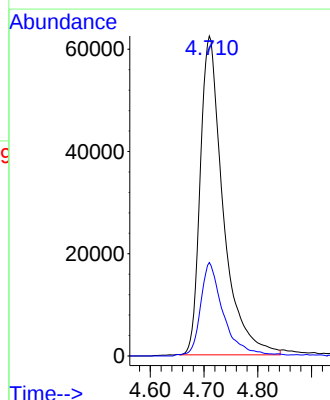
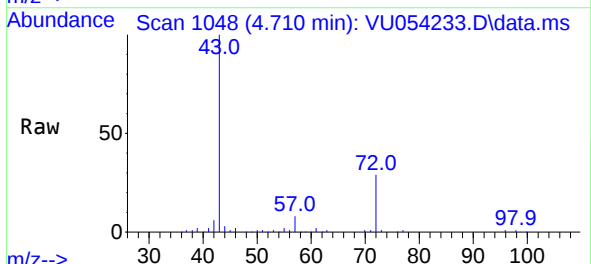
Instrument :
MSVOA_U
ClientSampleId :
VSTD005171

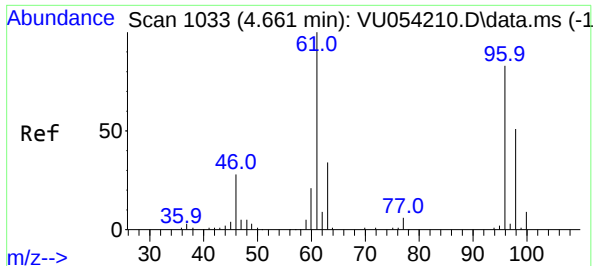
Tgt Ion: 63 Resp: 125660
Ion Ratio Lower Upper
63 100
65 33.1 20.7 38.5
83 14.1 10.1 18.7



#21
2-Butanone
Concen: 56.459 ug/L
RT: 4.710 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU054233.D
Acq: 22 May 2023 09:03

Tgt Ion: 43 Resp: 184775
Ion Ratio Lower Upper
43 100
72 29.1 14.2 42.8

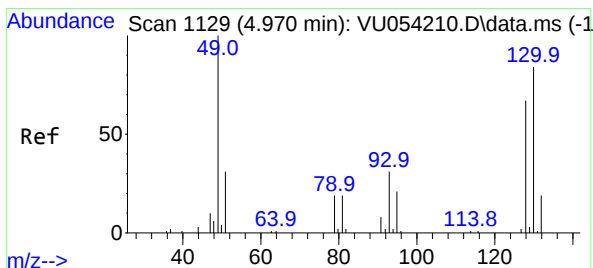
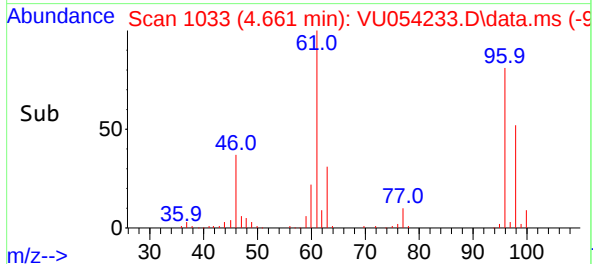
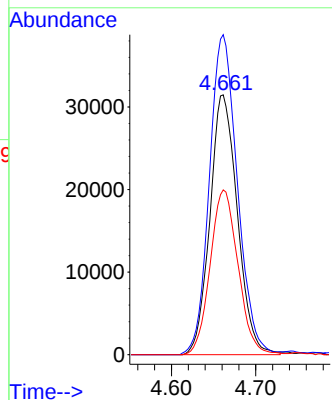
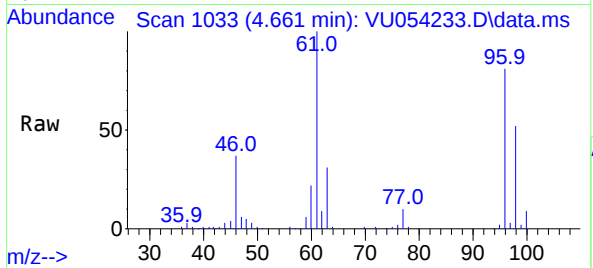




#22
 cis-1,2-Dichloroethene
 Concen: 5.180 ug/L
 RT: 4.661 min Scan# 1033
 Delta R.T. 0.000 min
 Lab File: VU054233.D
 Acq: 22 May 2023 09:03

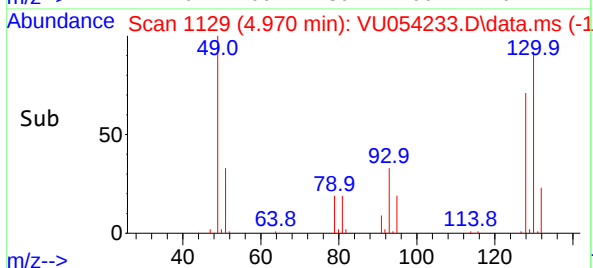
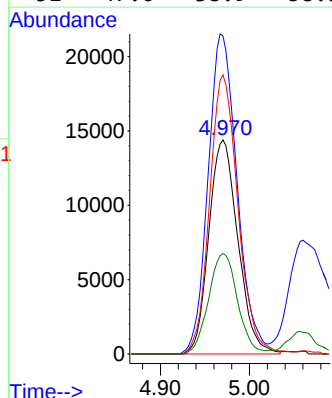
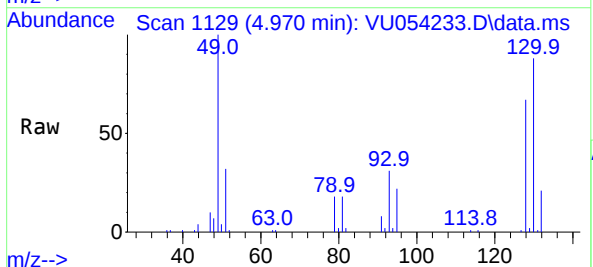
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005171

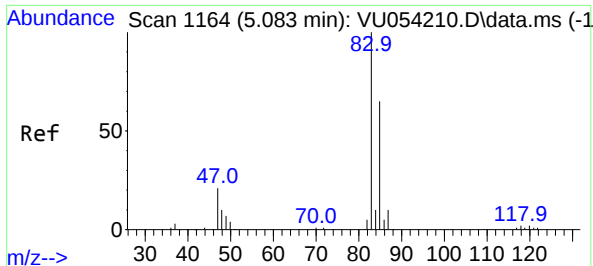
Tgt Ion: 96 Resp: 71235
 Ion Ratio Lower Upper
 96 100
 61 123.1 85.0 157.8
 98 63.4 45.8 85.0



#23
 Bromochloromethane
 Concen: 5.425 ug/L
 RT: 4.970 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VU054233.D
 Acq: 22 May 2023 09:03

Tgt Ion: 128 Resp: 32587
 Ion Ratio Lower Upper
 128 100
 49 148.6 100.9 187.3
 130 130.4 93.2 173.0
 51 47.0 38.9 58.3

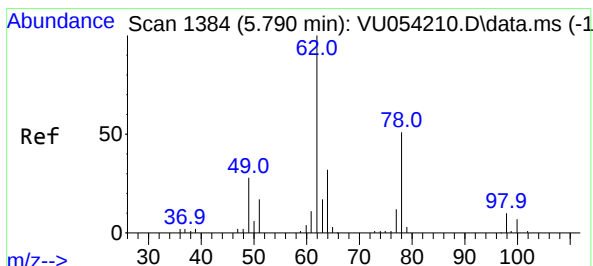
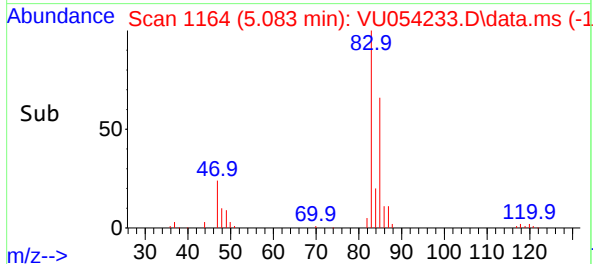
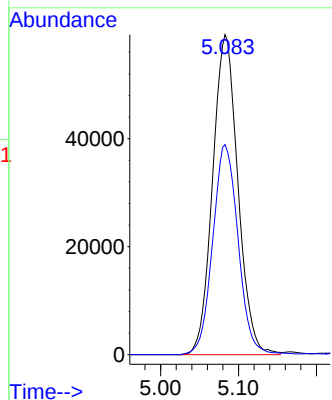
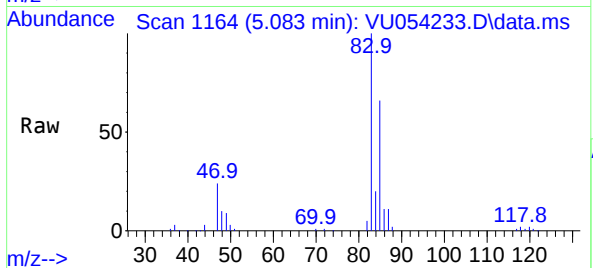




#25
Chloroform
Concen: 5.237 ug/L
RT: 5.083 min Scan# 1164
Delta R.T. 0.000 min
Lab File: VU054233.D
Acq: 22 May 2023 09:03

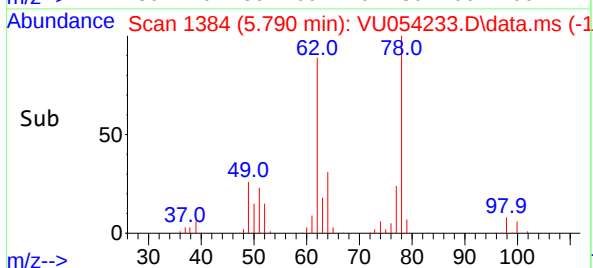
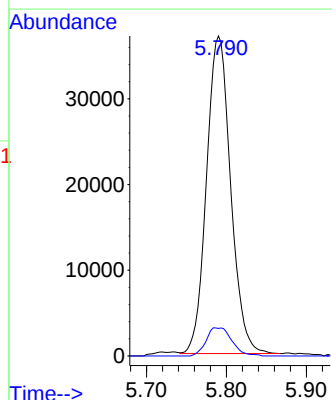
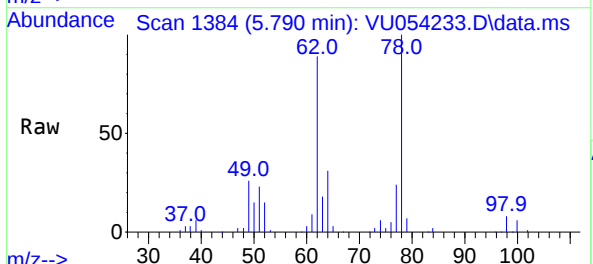
Instrument :
MSVOA_U
ClientSampleId :
VSTD005171

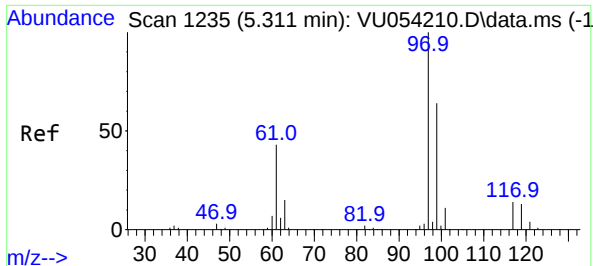
Tgt Ion: 83 Resp: 133749
Ion Ratio Lower Upper
83 100
85 65.6 46.8 87.0



#27
1,2-Dichloroethane
Concen: 5.289 ug/L
RT: 5.790 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VU054233.D
Acq: 22 May 2023 09:03

Tgt Ion: 62 Resp: 77677
Ion Ratio Lower Upper
62 100
98 8.6 7.6 11.4

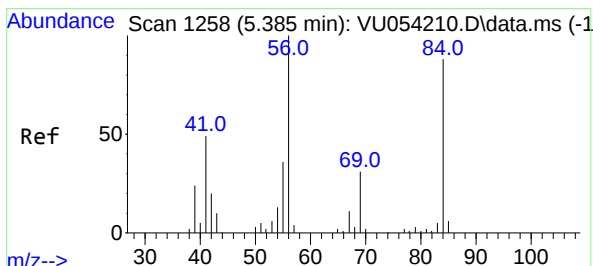
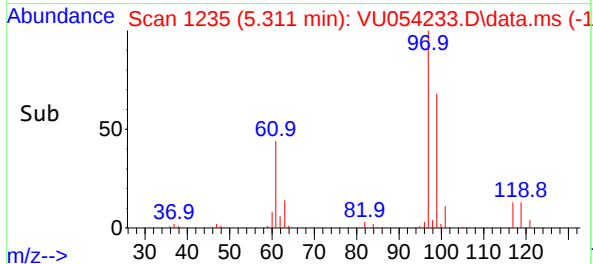
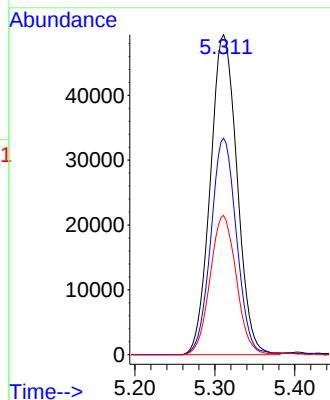
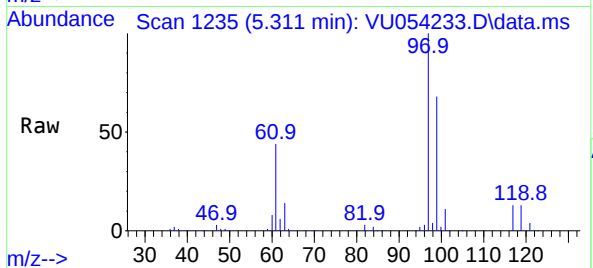




#29
1,1,1-Trichloroethane
Concen: 5.099 ug/L
RT: 5.311 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054233.D
Acq: 22 May 2023 09:03

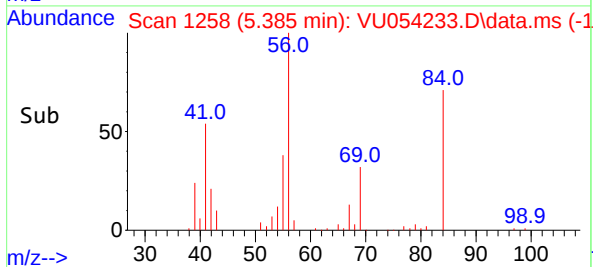
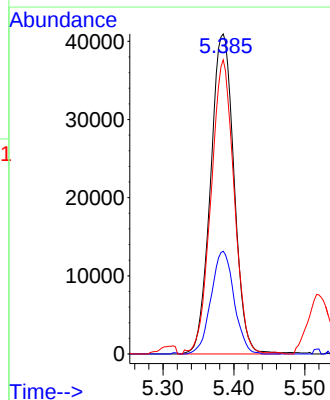
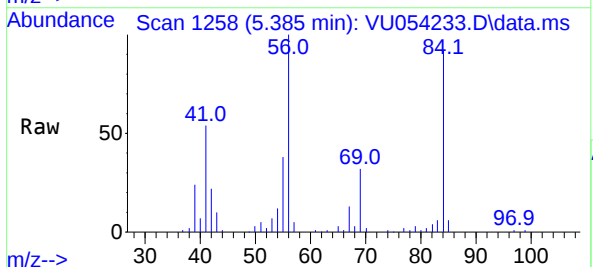
Instrument :
MSVOA_U
ClientSampleId :
VSTD005171

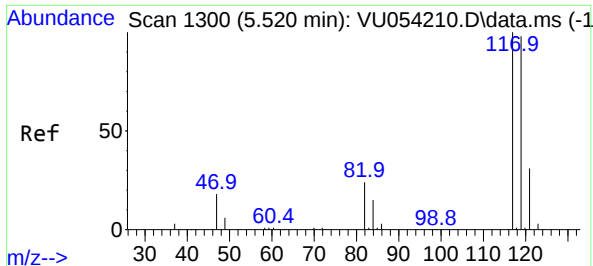
Tgt Ion: 97 Resp: 114734
Ion Ratio Lower Upper
97 100
99 64.9 51.8 77.6
61 42.5 33.4 50.2



#30
Cyclohexane
Concen: 5.133 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VU054233.D
Acq: 22 May 2023 09:03

Tgt Ion: 56 Resp: 94003
Ion Ratio Lower Upper
56 100
69 31.5 26.2 39.4
84 90.3 74.2 111.4

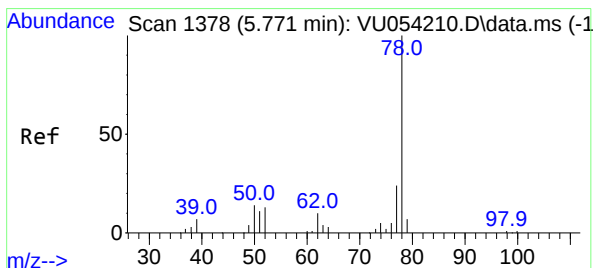
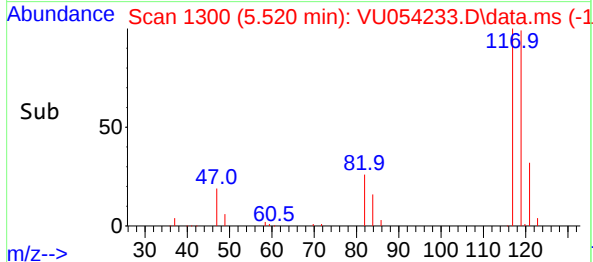
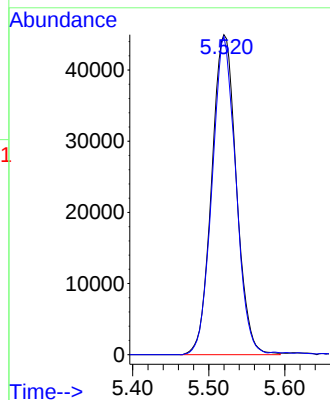
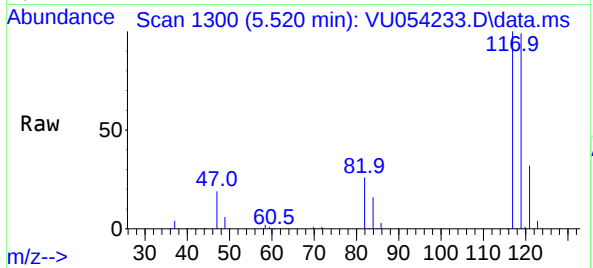




#31
Carbon tetrachloride
Concen: 5.187 ug/L
RT: 5.520 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VU054233.D
Acq: 22 May 2023 09:03

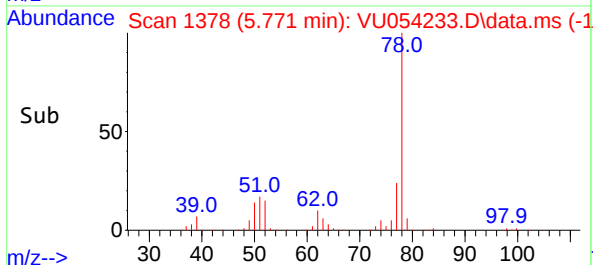
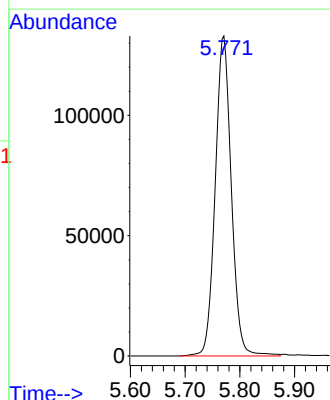
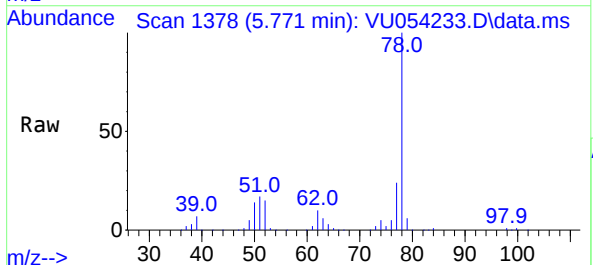
Instrument :
MSVOA_U
ClientSampleId :
VSTD005171

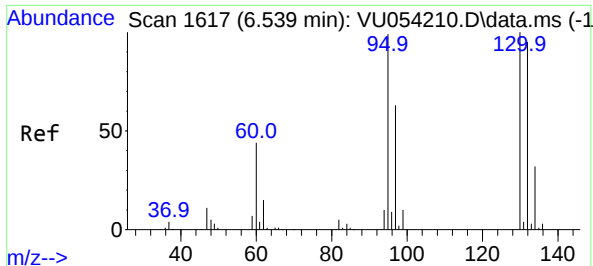
Tgt Ion:117 Resp: 101210
Ion Ratio Lower Upper
117 100
119 95.4 76.6 114.8



#33
Benzene
Concen: 5.338 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU054233.D
Acq: 22 May 2023 09:03

Tgt Ion: 78 Resp: 271597



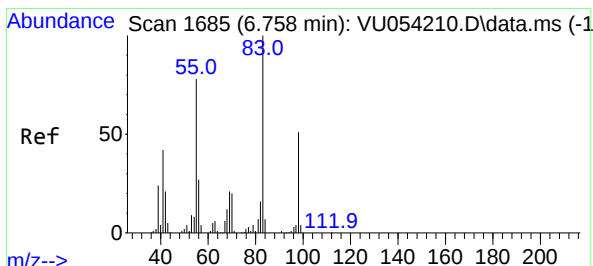
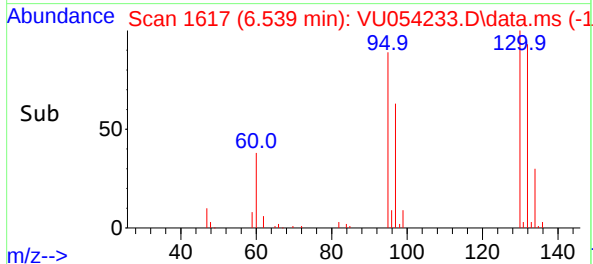
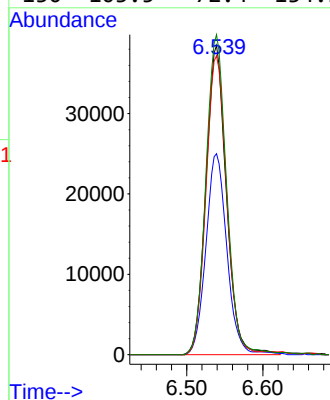
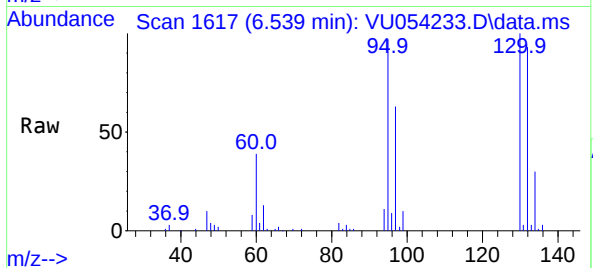


#34
Trichloroethene
Concen: 5.261 ug/L
RT: 6.539 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU054233.D
Acq: 22 May 2023 09:03

Instrument :
MSVOA_U
ClientSampleId :
VSTD005171

Tgt Ion: 95 Resp: 71981

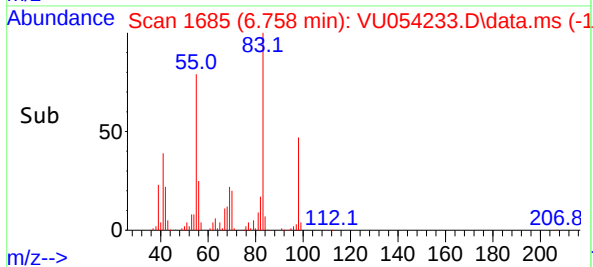
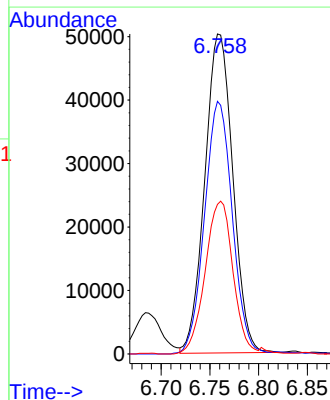
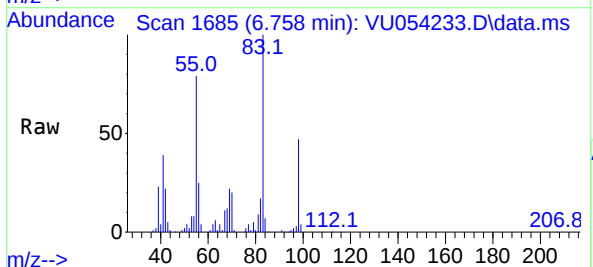
Ion	Ratio	Lower	Upper
95	100		
97	65.0	45.8	85.0
132	96.6	70.1	130.3
130	103.5	72.4	134.5

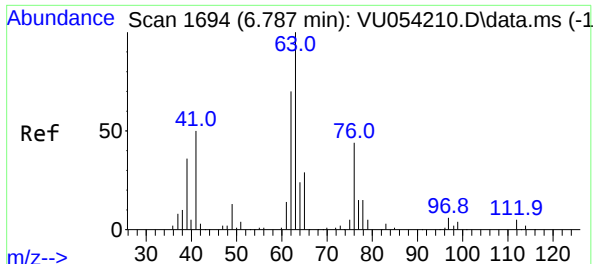


#35
Methylcyclohexane
Concen: 5.026 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VU054233.D
Acq: 22 May 2023 09:03

Tgt Ion: 83 Resp: 100552

Ion	Ratio	Lower	Upper
83	100		
55	78.5	61.6	92.4
98	47.4	41.3	61.9

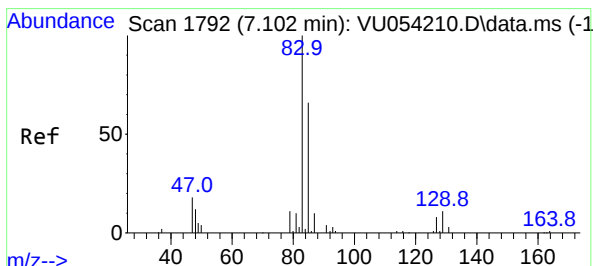
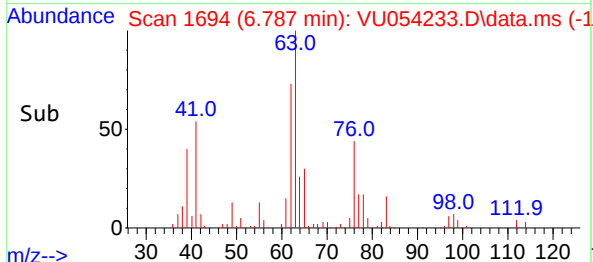
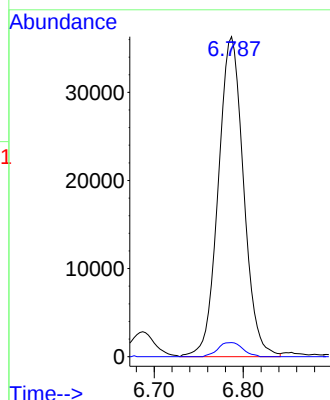
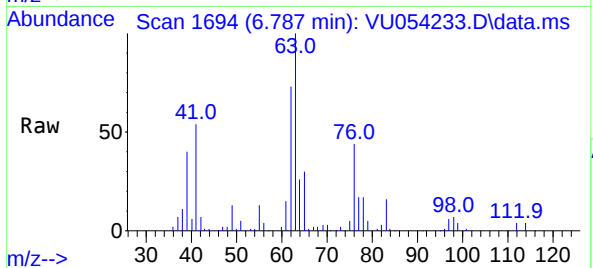




#37
1,2-Dichloropropane
Concen: 5.366 ug/L
RT: 6.787 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU054233.D
Acq: 22 May 2023 09:03

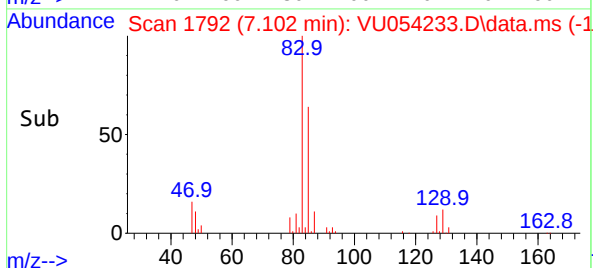
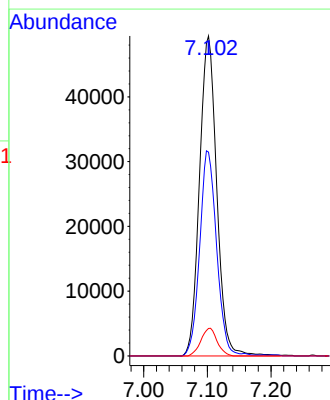
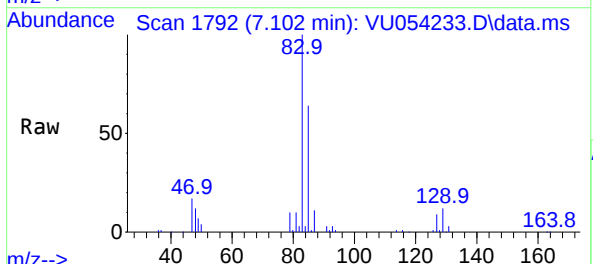
Instrument :
MSVOA_U
ClientSampleId :
VSTD005171

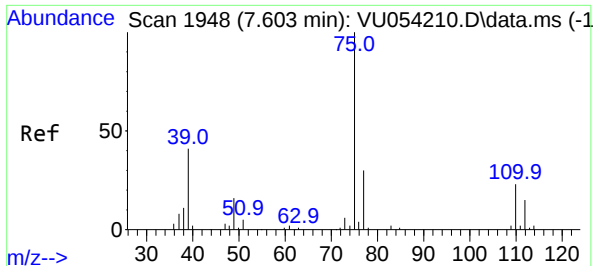
Tgt Ion: 63 Resp: 71691
Ion Ratio Lower Upper
63 100
112 4.3 3.3 4.9



#38
Bromodichloromethane
Concen: 5.498 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VU054233.D
Acq: 22 May 2023 09:03

Tgt Ion: 83 Resp: 93010
Ion Ratio Lower Upper
83 100
85 63.7 44.2 82.0
127 8.6 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 5.221 ug/L

RT: 7.603 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VU054233.D

Acq: 22 May 2023 09:03

Instrument :

MSVOA_U

ClientSampleId :

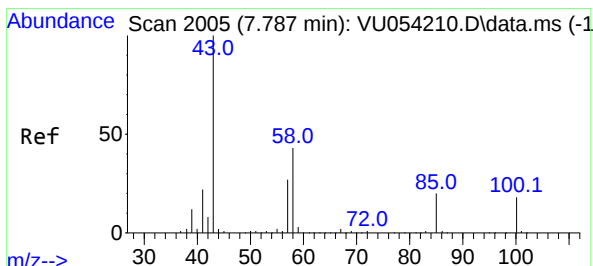
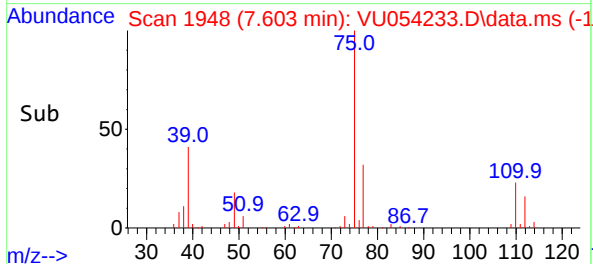
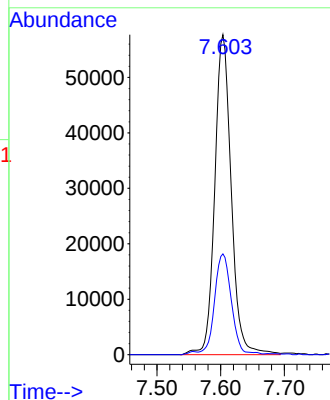
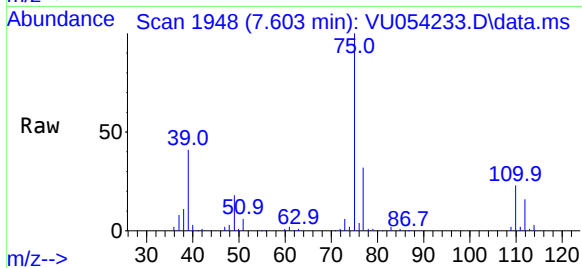
VSTD005171

Tgt Ion: 75 Resp: 103913

Ion Ratio Lower Upper

75 100

77 31.5 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 57.783 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. 0.000 min

Lab File: VU054233.D

Acq: 22 May 2023 09:03

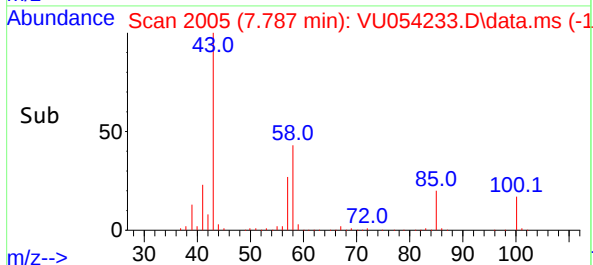
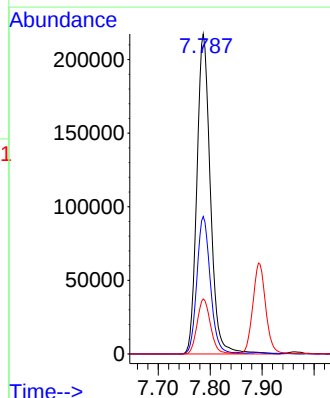
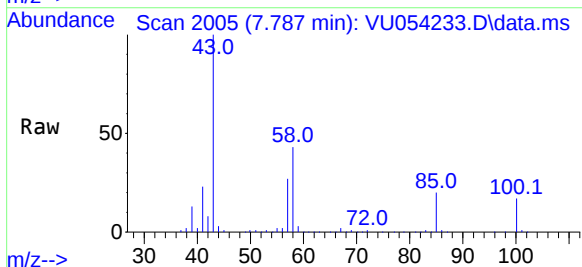
Tgt Ion: 43 Resp: 392934

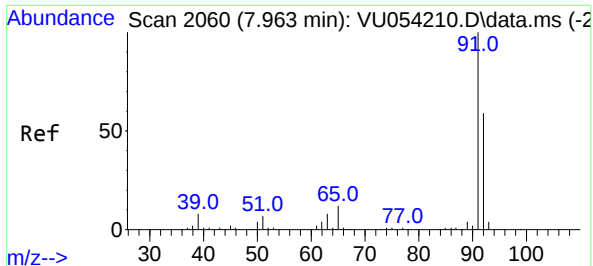
Ion Ratio Lower Upper

43 100

58 42.7 34.8 52.2

100 17.0 14.1 21.1

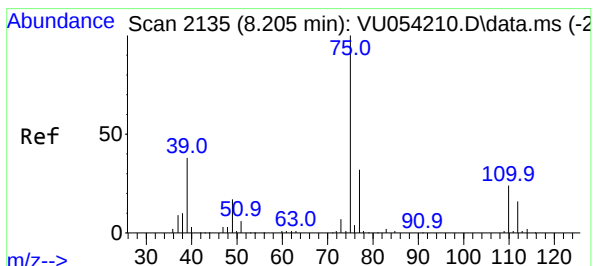
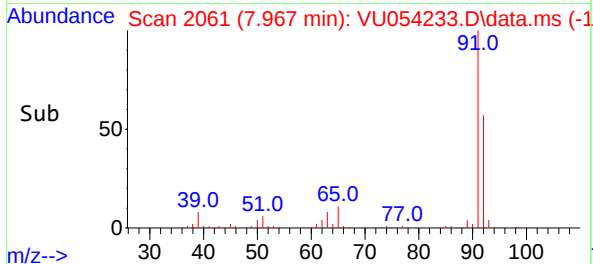
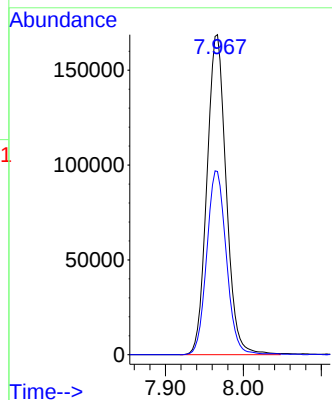
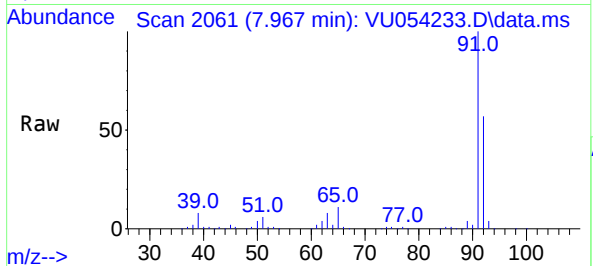




#42
Toluene
Concen: 5.399 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. 0.003 min
Lab File: VU054233.D
Acq: 22 May 2023 09:03

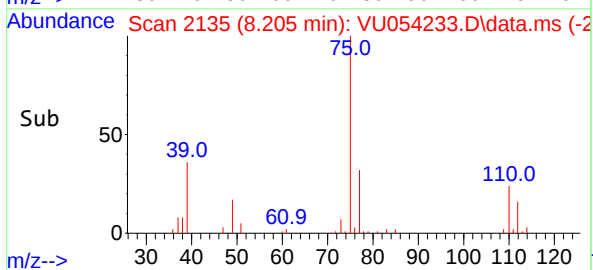
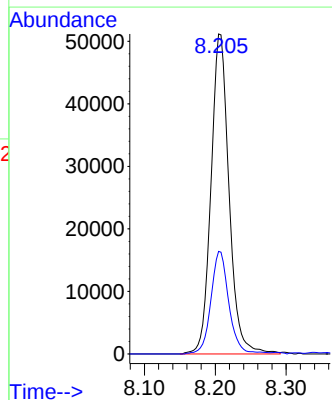
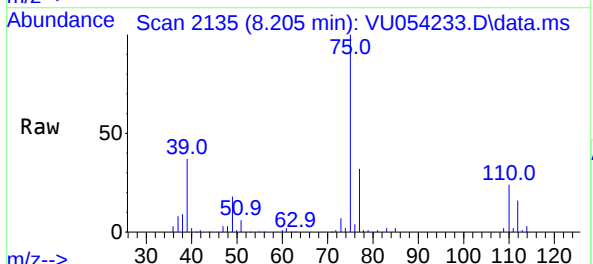
Instrument :
MSVOA_U
ClientSampleId :
VSTD005171

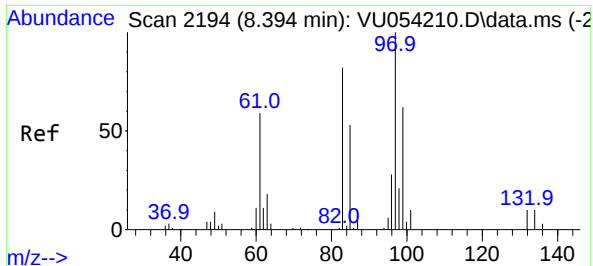
Tgt Ion: 91 Resp: 290229
Ion Ratio Lower Upper
91 100
92 57.3 42.1 78.1



#44
trans-1,3-Dichloropropene
Concen: 5.539 ug/L
RT: 8.205 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VU054233.D
Acq: 22 May 2023 09:03

Tgt Ion: 75 Resp: 90494
Ion Ratio Lower Upper
75 100
77 32.1 20.8 38.6



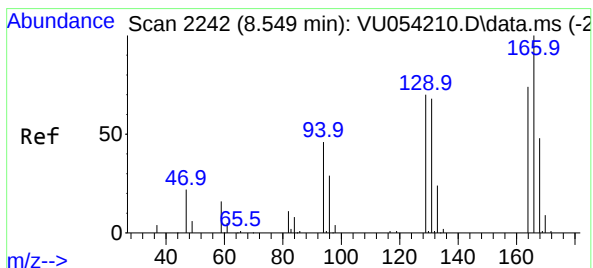
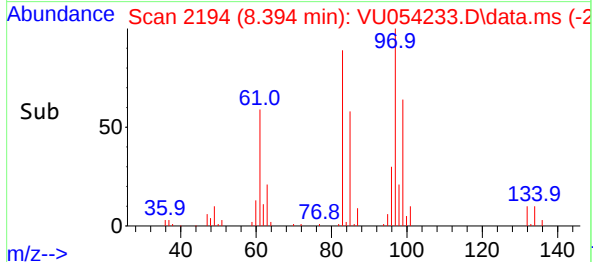
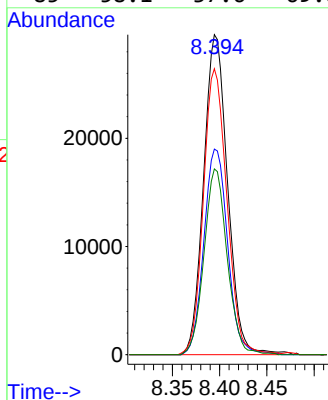
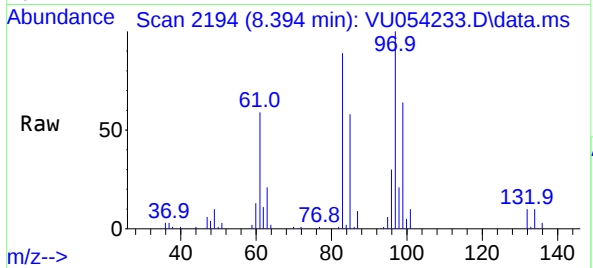


#45
1,1,2-Trichloroethane
Concen: 5.415 ug/L
RT: 8.394 min Scan# 2194
Delta R.T. 0.000 min
Lab File: VU054233.D
Acq: 22 May 2023 09:03

Instrument :
MSVOA_U
ClientSampleId :
VSTD005171

Tgt Ion: 97 Resp: 52133

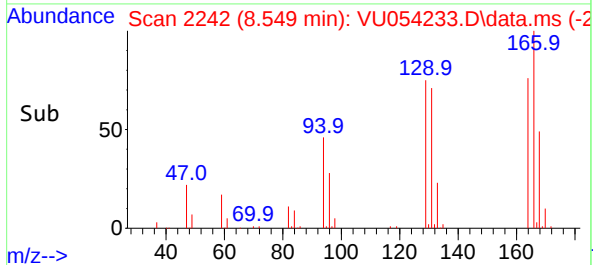
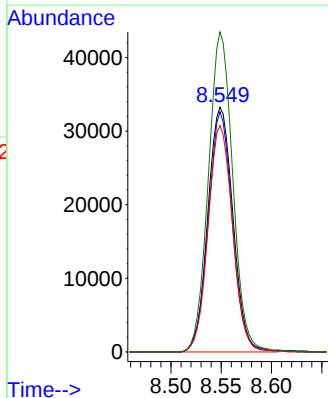
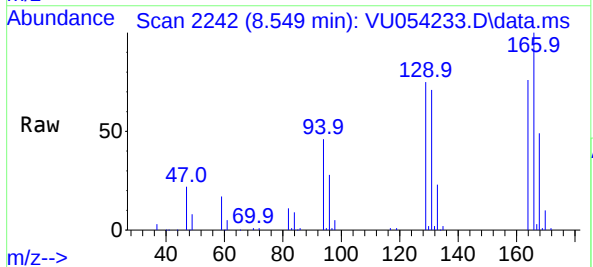
Ion	Ratio	Lower	Upper
97	100		
99	64.3	43.0	79.8
83	89.4	59.1	109.9
85	58.1	37.6	69.8

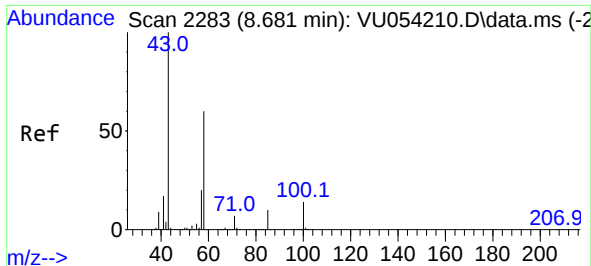


#47
Tetrachloroethene
Concen: 5.126 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU054233.D
Acq: 22 May 2023 09:03

Tgt Ion: 164 Resp: 57637

Ion	Ratio	Lower	Upper
164	100		
129	98.2	63.3	117.7
131	92.6	61.0	113.4
166	130.8	88.6	164.6

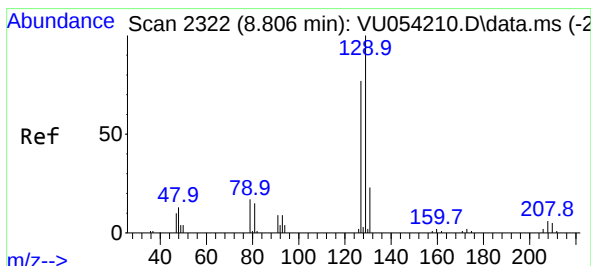
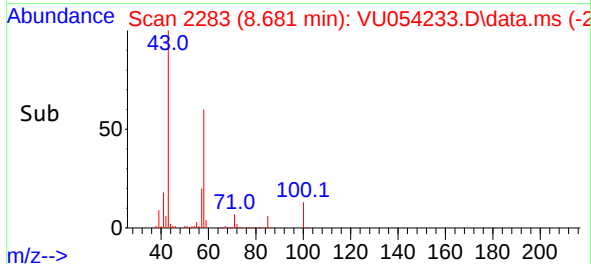
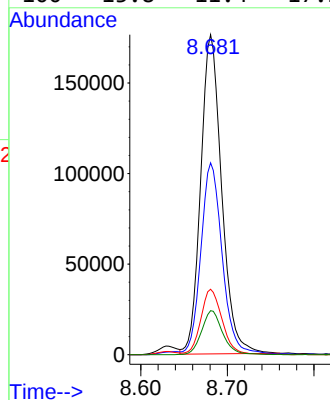
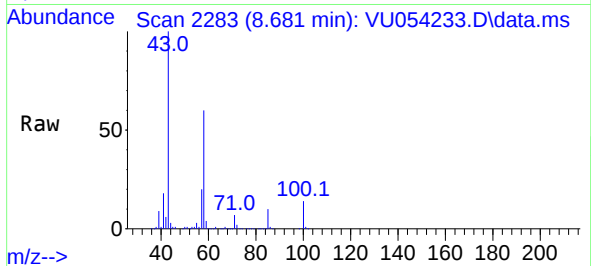




#48
2-Hexanone
Concen: 57.858 ug/L
RT: 8.681 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054233.D
Acq: 22 May 2023 09:03

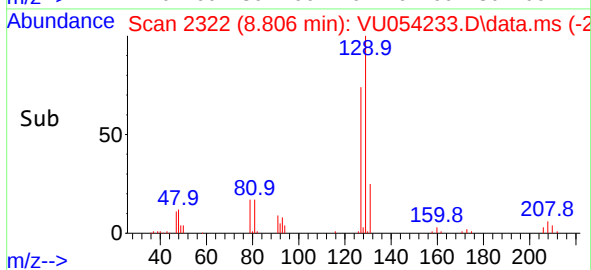
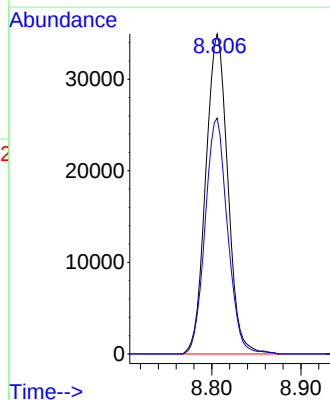
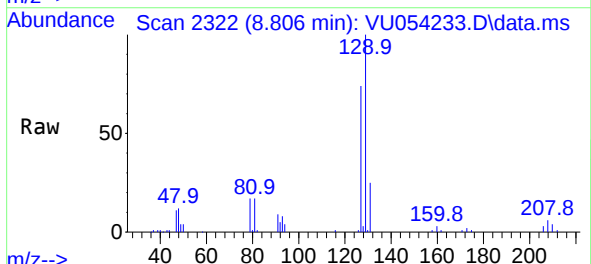
Instrument :
MSVOA_U
ClientSampleId :
VSTD005171

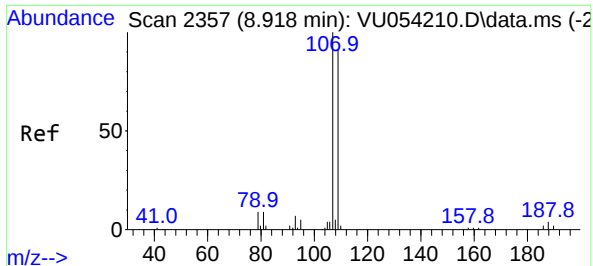
Tgt Ion: 43 Resp: 297473
Ion Ratio Lower Upper
43 100
58 61.0 48.6 72.8
57 21.0 16.7 25.1
100 13.8 11.4 17.2



#49
Dibromochloromethane
Concen: 5.589 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU054233.D
Acq: 22 May 2023 09:03

Tgt Ion: 129 Resp: 60069
Ion Ratio Lower Upper
129 100
127 73.7 53.6 99.6

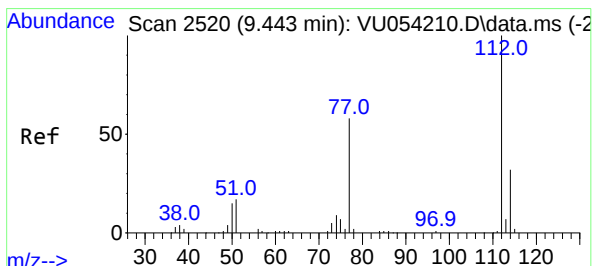
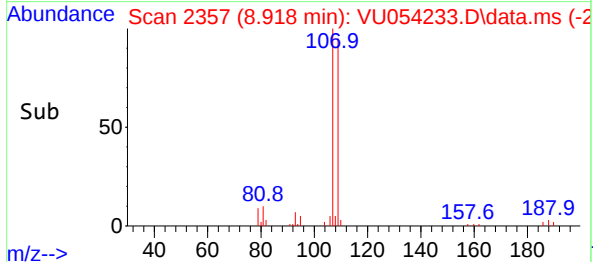
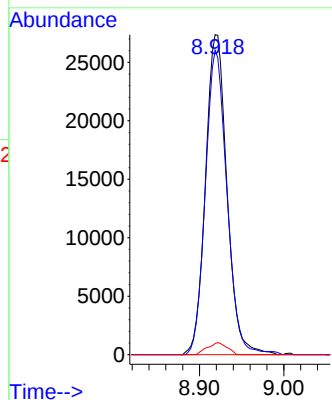
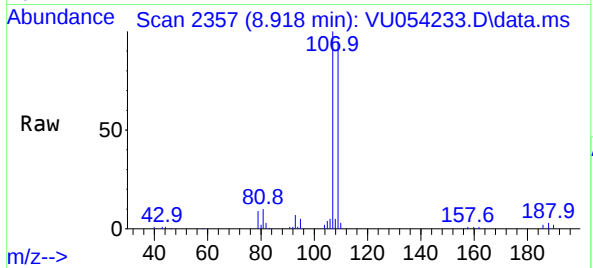




#50
1,2-Dibromoethane
Concen: 5.496 ug/L
RT: 8.918 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054233.D
Acq: 22 May 2023 09:03

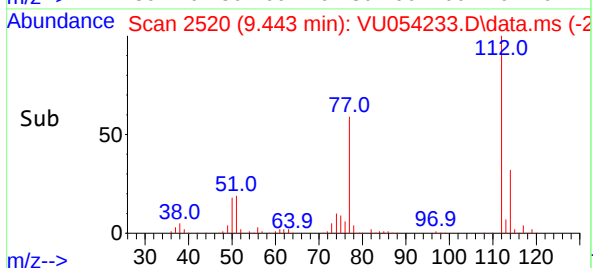
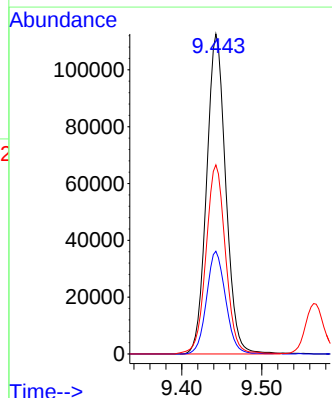
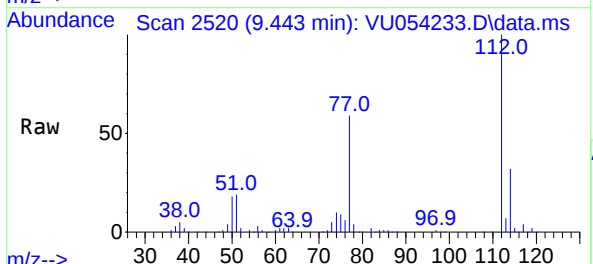
Instrument :
MSVOA_U
ClientSampleId :
VSTD005171

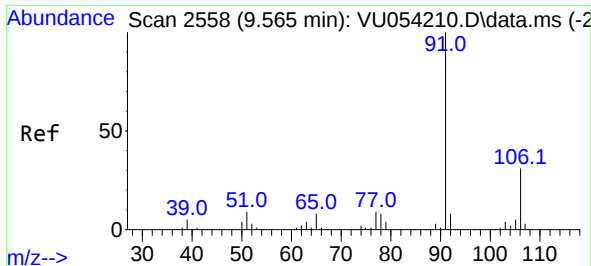
Tgt Ion:107 Resp: 48627
Ion Ratio Lower Upper
107 100
109 95.1 66.4 123.2
188 3.4 3.8 5.6#



#51
Chlorobenzene
Concen: 5.165 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU054233.D
Acq: 22 May 2023 09:03

Tgt Ion:112 Resp: 187744
Ion Ratio Lower Upper
112 100
114 32.1 22.4 41.6
77 59.1 46.1 69.1

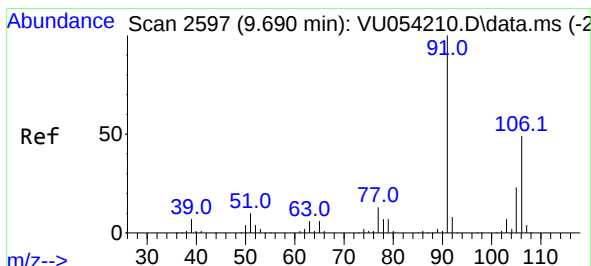
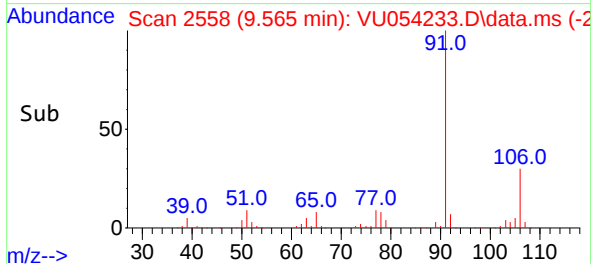
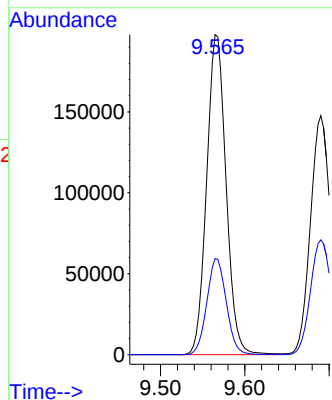
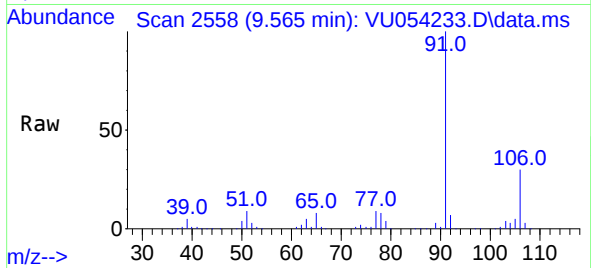




#52
Ethylbenzene
Concen: 5.292 ug/L
RT: 9.565 min Scan# 2558
Delta R.T. 0.000 min
Lab File: VU054233.D
Acq: 22 May 2023 09:03

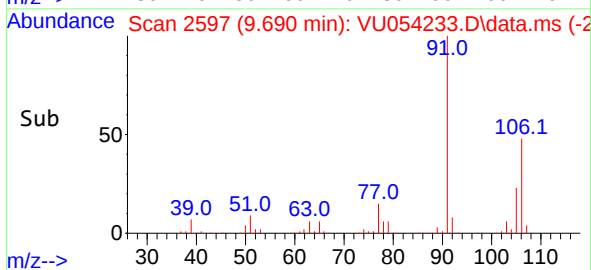
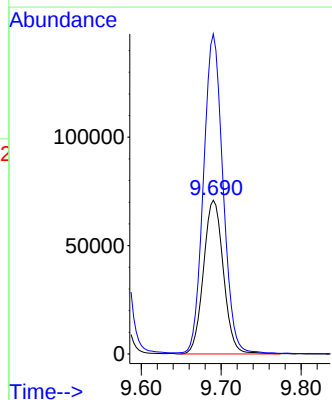
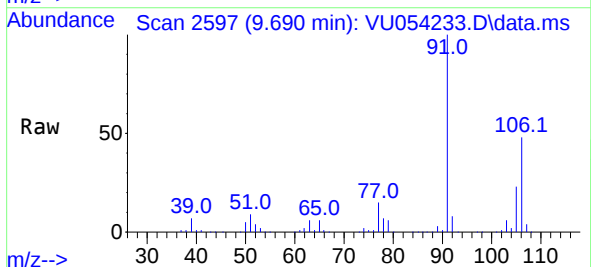
Instrument :
MSVOA_U
ClientSampleId :
VSTD005171

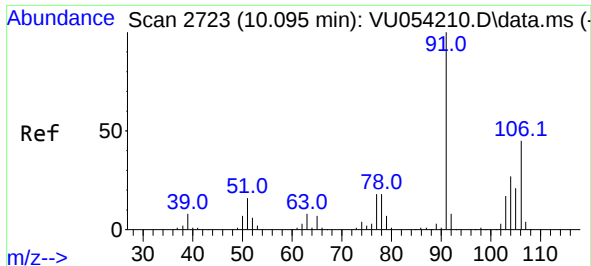
Tgt Ion: 91 Resp: 317028
Ion Ratio Lower Upper
91 100
106 30.0 21.3 39.5



#53
m,p-Xylene
Concen: 5.412 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU054233.D
Acq: 22 May 2023 09:03

Tgt Ion: 106 Resp: 123157
Ion Ratio Lower Upper
106 100
91 208.1 146.3 271.7

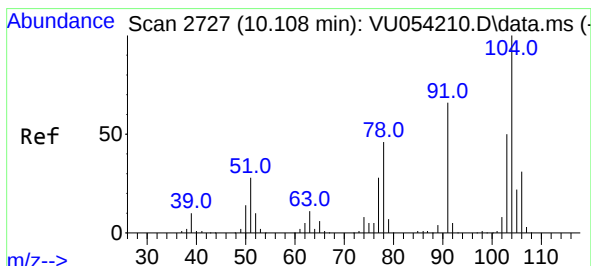
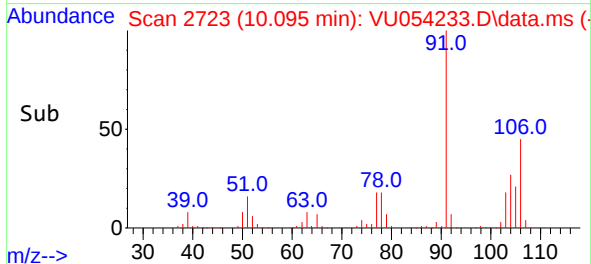
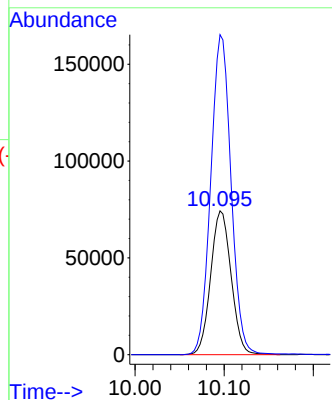
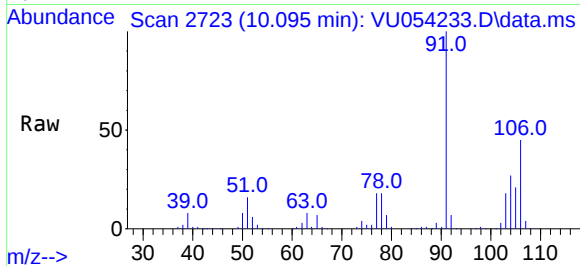




#54
o-Xylene
Concen: 5.275 ug/L
RT: 10.095 min Scan# 2723
Delta R.T. 0.000 min
Lab File: VU054233.D
Acq: 22 May 2023 09:03

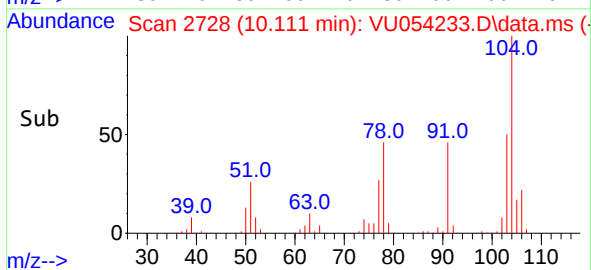
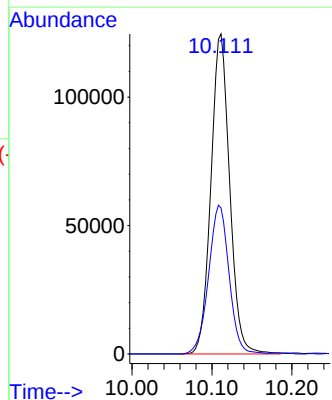
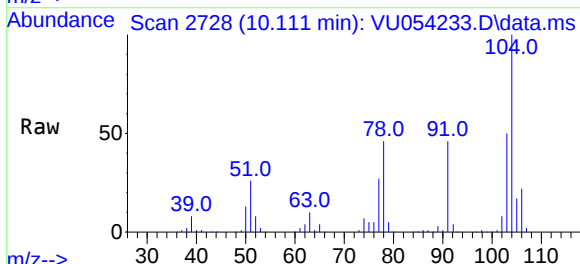
Instrument :
MSVOA_U
ClientSampleId :
VSTD005171

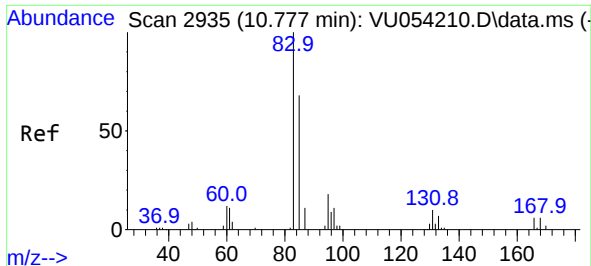
Tgt Ion:106 Resp: 118549
Ion Ratio Lower Upper
106 100
91 222.4 153.6 285.3



#55
Styrene
Concen: 5.527 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. 0.003 min
Lab File: VU054233.D
Acq: 22 May 2023 09:03

Tgt Ion:104 Resp: 203075
Ion Ratio Lower Upper
104 100
78 45.6 33.1 61.5

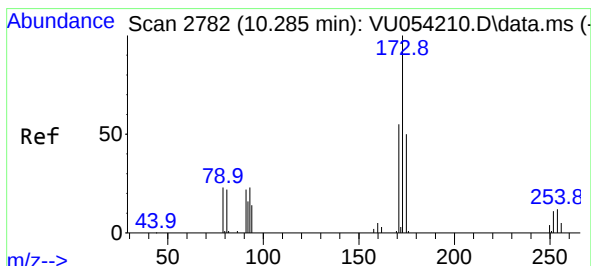
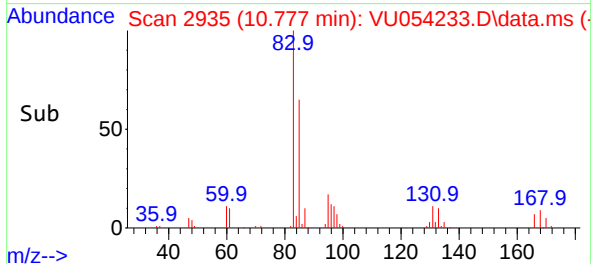
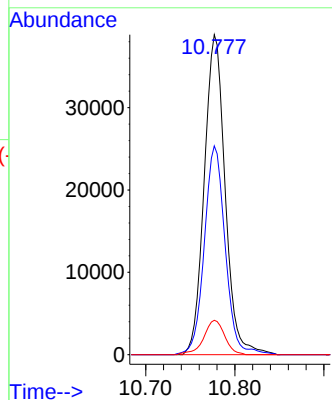
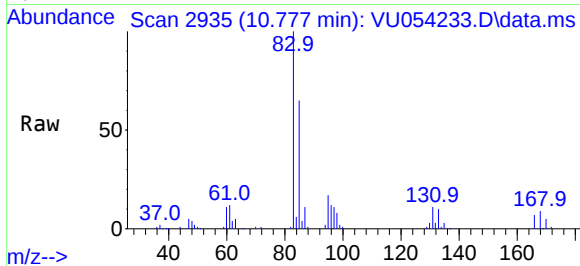




#57
1,1,2,2-Tetrachloroethane
Concen: 5.544 ug/L
RT: 10.777 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VU054233.D
Acq: 22 May 2023 09:03

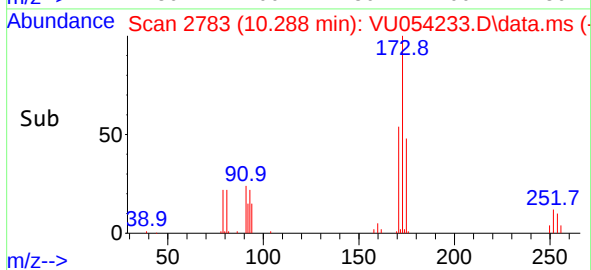
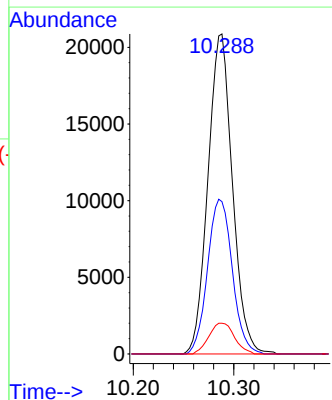
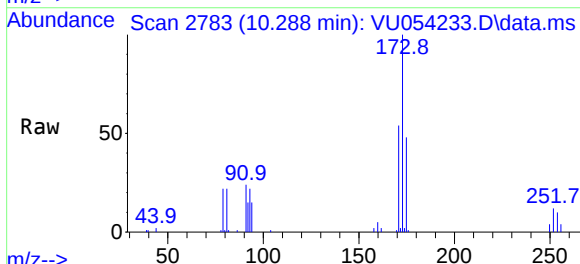
Instrument :
MSVOA_U
ClientSampleId :
VSTD005171

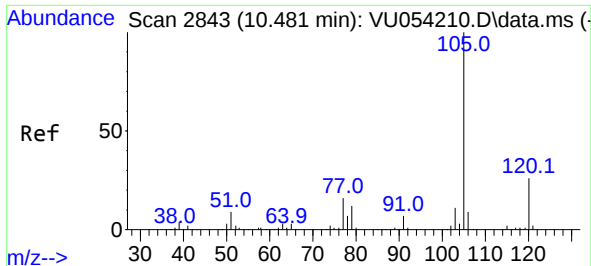
Tgt Ion: 83 Resp: 63384
Ion Ratio Lower Upper
83 100
85 65.3 44.8 83.2
131 10.8 8.1 12.1



#59
Bromoform
Concen: 5.536 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. 0.003 min
Lab File: VU054233.D
Acq: 22 May 2023 09:03

Tgt Ion: 173 Resp: 35276
Ion Ratio Lower Upper
173 100
175 48.9 38.6 58.0
254 10.1 7.9 11.9

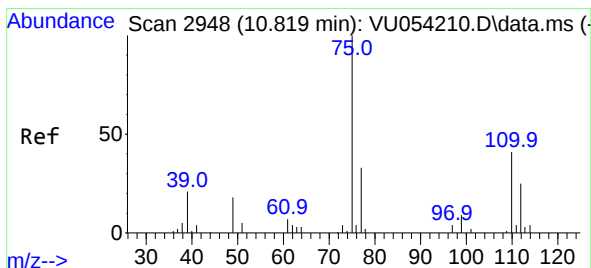
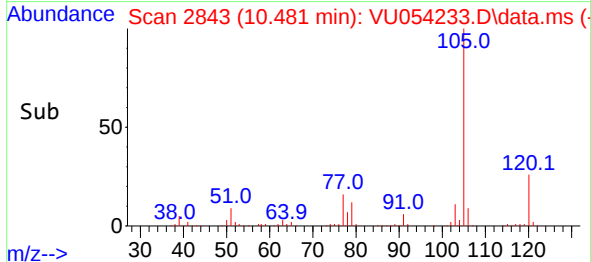
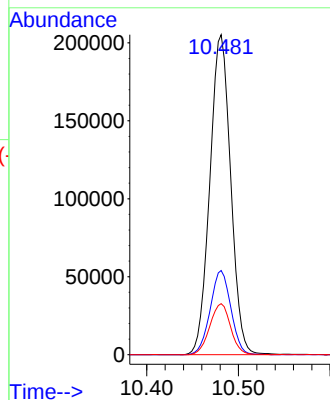
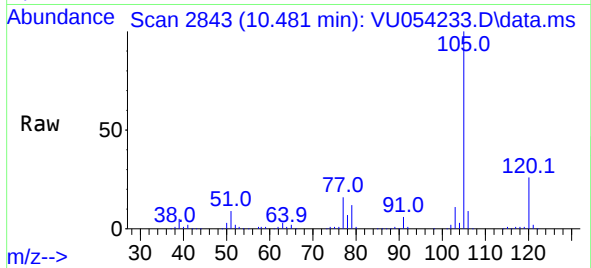




#60
Isopropylbenzene
Concen: 5.359 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU054233.D
Acq: 22 May 2023 09:03

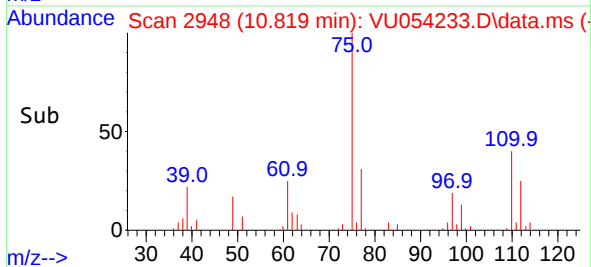
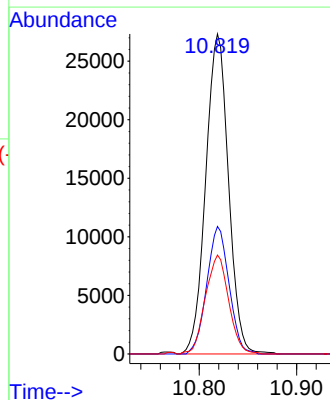
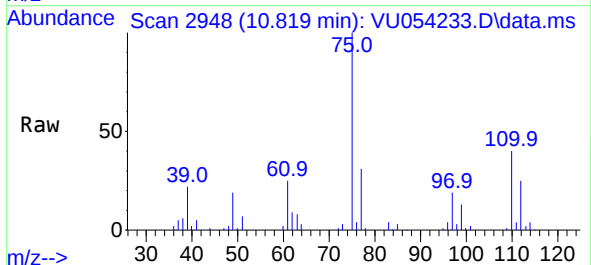
Instrument :
MSVOA_U
ClientSampleId :
VSTD005171

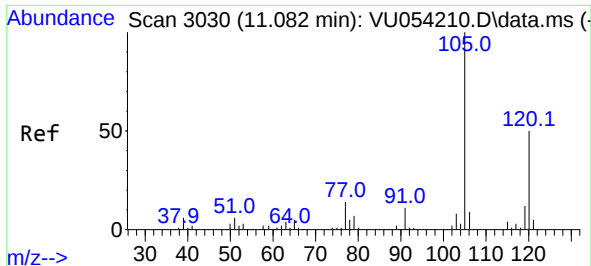
Tgt Ion:105 Resp: 323976
Ion Ratio Lower Upper
105 100
120 26.1 21.3 31.9
77 15.9 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 5.517 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU054233.D
Acq: 22 May 2023 09:03

Tgt Ion: 75 Resp: 44319
Ion Ratio Lower Upper
75 100
110 38.9 32.3 48.5
77 31.5 26.3 39.5

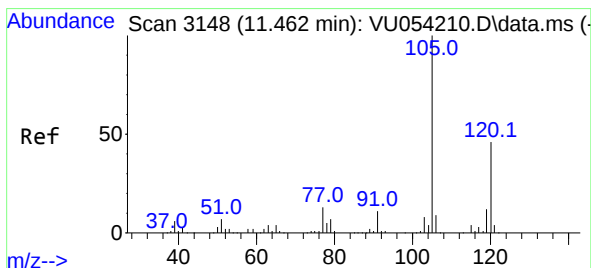
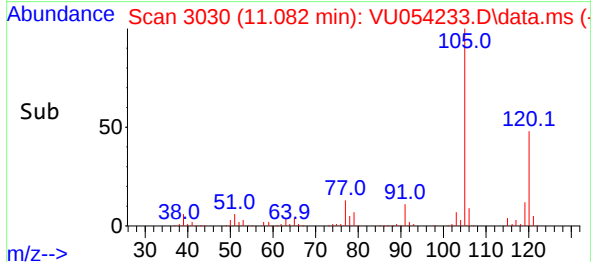
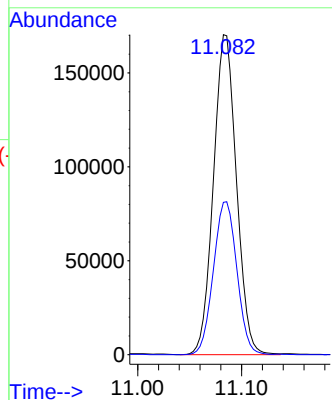
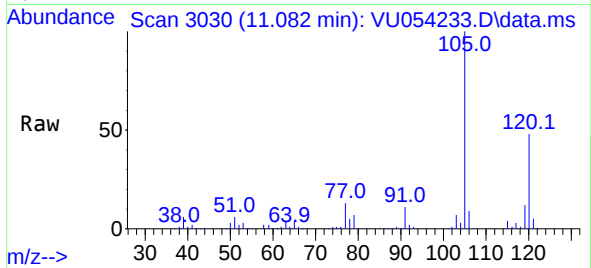




#62
1,3,5-Trimethylbenzene
Concen: 5.317 ug/L
RT: 11.082 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VU054233.D
Acq: 22 May 2023 09:03

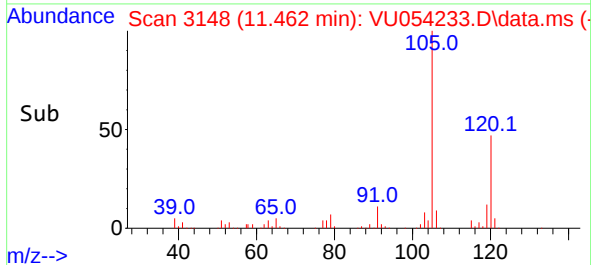
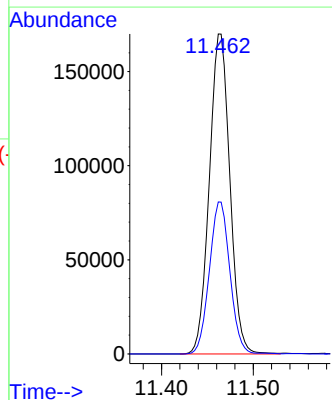
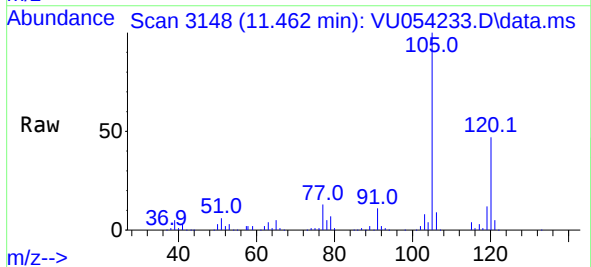
Instrument :
MSVOA_U
ClientSampleId :
VSTD005171

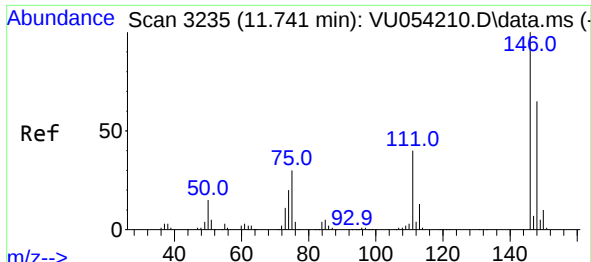
Tgt Ion:105 Resp: 262387
Ion Ratio Lower Upper
105 100
120 48.8 39.4 59.0



#63
1,2,4-Trimethylbenzene
Concen: 5.362 ug/L
RT: 11.462 min Scan# 3148
Delta R.T. 0.000 min
Lab File: VU054233.D
Acq: 22 May 2023 09:03

Tgt Ion:105 Resp: 264099
Ion Ratio Lower Upper
105 100
120 47.5 36.9 55.3

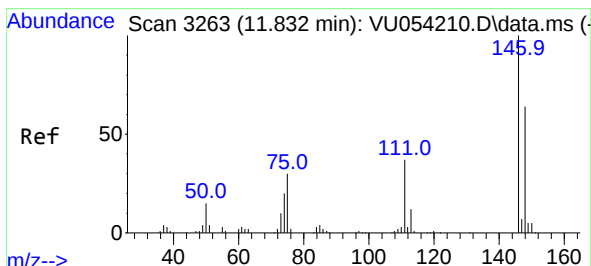
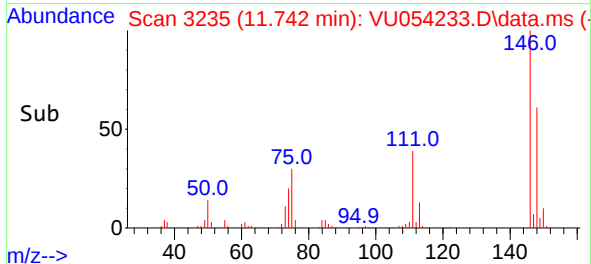
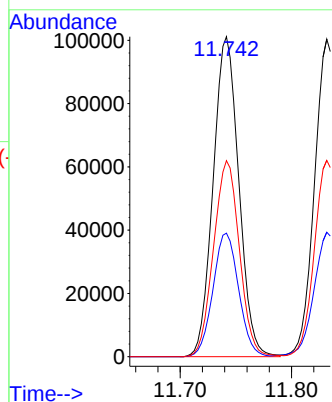
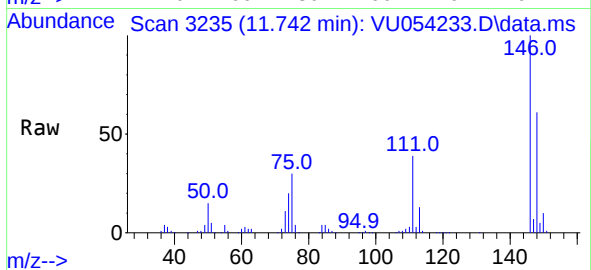




#64
1,3-Dichlorobenzene
Concen: 5.349 ug/L
RT: 11.742 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU054233.D
Acq: 22 May 2023 09:03

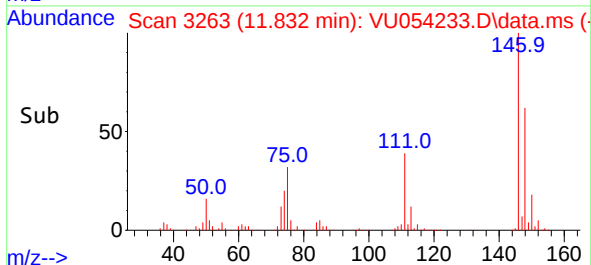
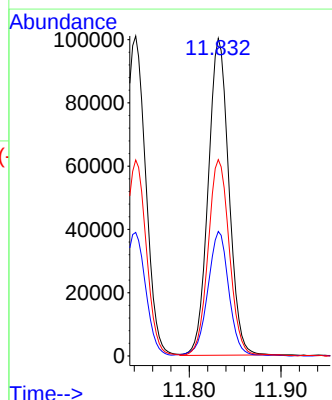
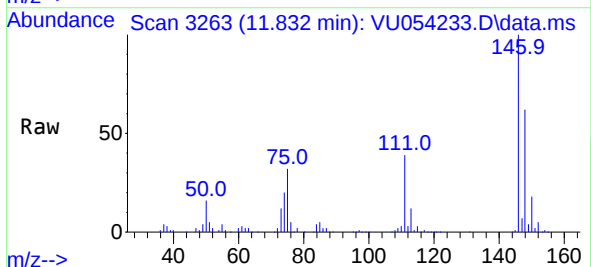
Instrument :
MSVOA_U
ClientSampleId :
VSTD005171

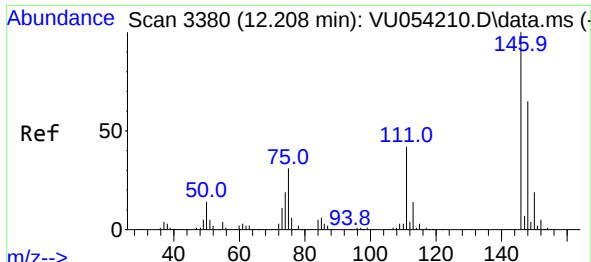
Tgt Ion:146 Resp: 161427
Ion Ratio Lower Upper
146 100
111 38.6 27.8 51.6
148 61.2 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 5.231 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU054233.D
Acq: 22 May 2023 09:03

Tgt Ion:146 Resp: 156805
Ion Ratio Lower Upper
146 100
111 39.2 26.6 49.4
148 61.8 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 5.306 ug/L

RT: 12.208 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU054233.D

Acq: 22 May 2023 09:03

Instrument :

MSVOA_U

ClientSampleId :

VSTD005171

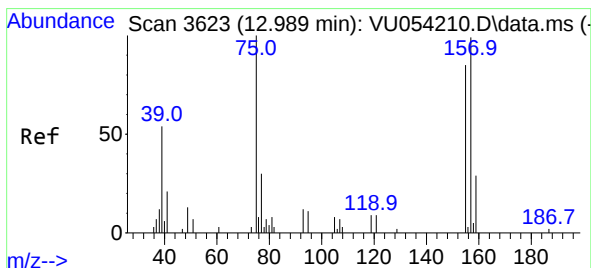
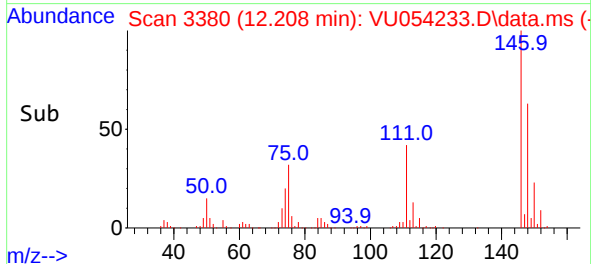
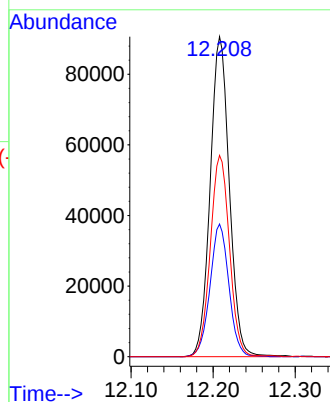
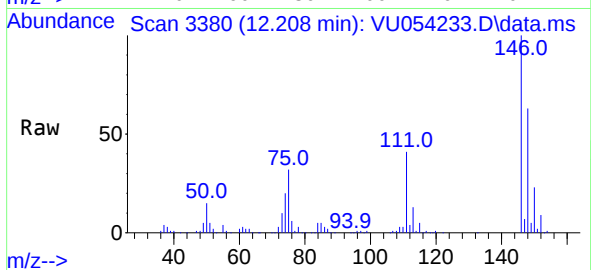
Tgt Ion:146 Resp: 146945

Ion Ratio Lower Upper

146 100

111 41.4 33.0 49.4

148 62.9 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.789 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. 0.003 min

Lab File: VU054233.D

Acq: 22 May 2023 09:03

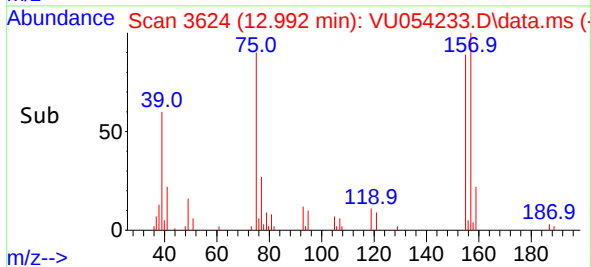
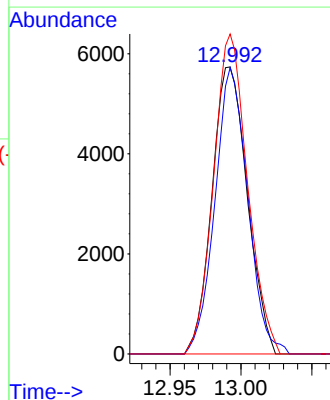
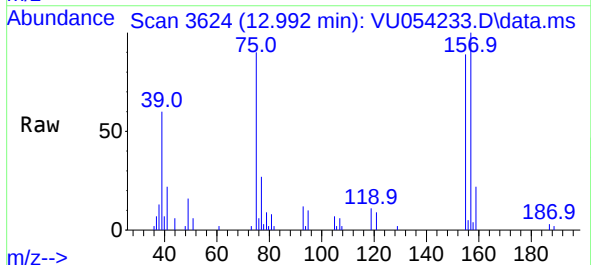
Tgt Ion: 75 Resp: 9941

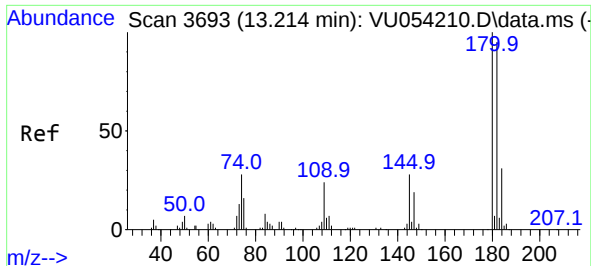
Ion Ratio Lower Upper

75 100

155 99.8 62.7 94.1#

157 111.5 77.0 115.4





#69

1,3,5-Trichlorobenzene

Concen: 5.363 ug/L

RT: 13.214 min Scan# 3693

Delta R.T. 0.000 min

Lab File: VU054233.D

Acq: 22 May 2023 09:03

Instrument :

MSVOA_U

ClientSampleId :

VSTD005171

Tgt Ion:180 Resp: 120740

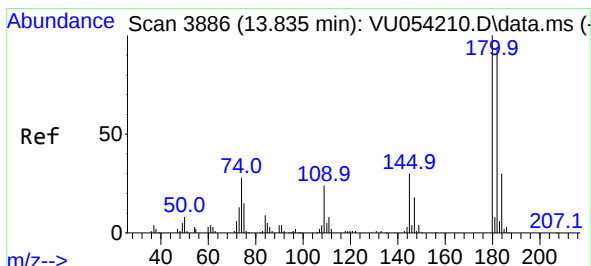
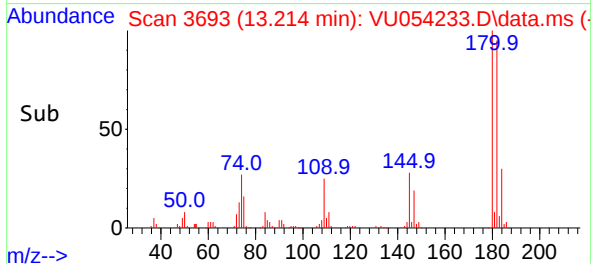
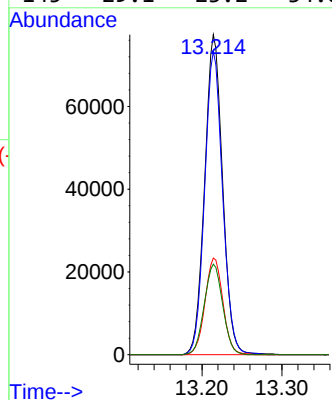
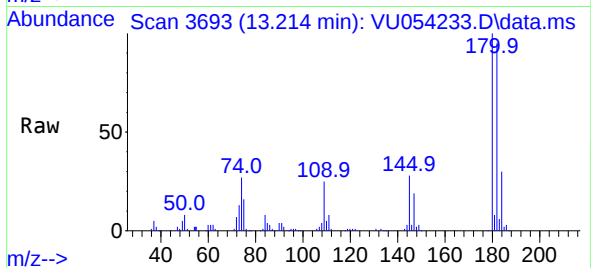
Ion Ratio Lower Upper

180 100

182 94.7 76.1 114.1

184 30.2 24.5 36.7

145 29.1 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 5.146 ug/L

RT: 13.835 min Scan# 3886

Delta R.T. 0.000 min

Lab File: VU054233.D

Acq: 22 May 2023 09:03

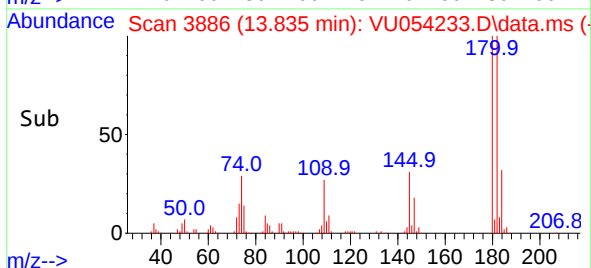
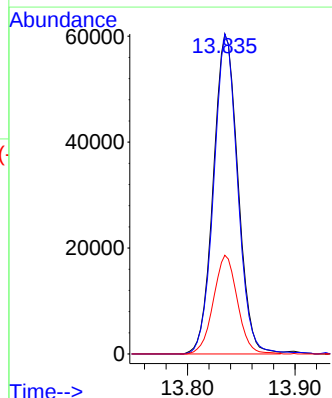
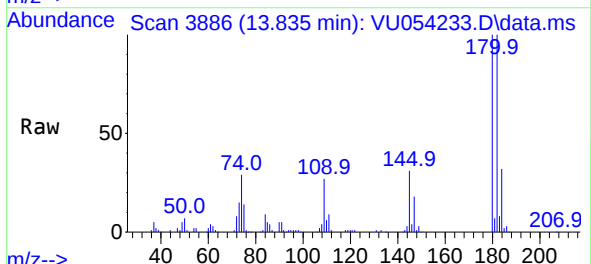
Tgt Ion:180 Resp: 95921

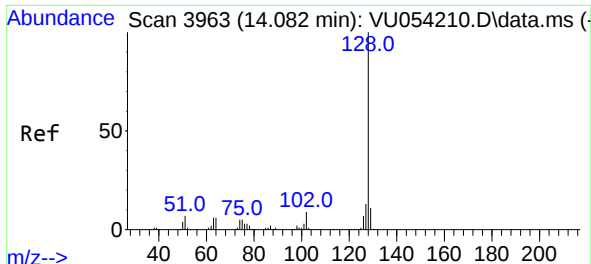
Ion Ratio Lower Upper

180 100

182 97.1 76.4 114.6

145 30.2 23.3 34.9

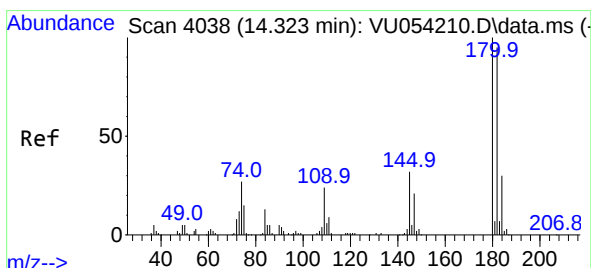
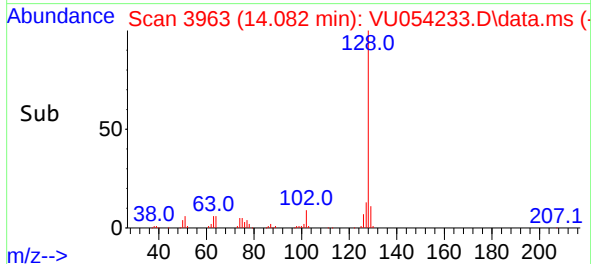
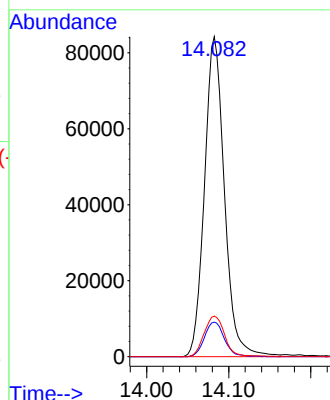
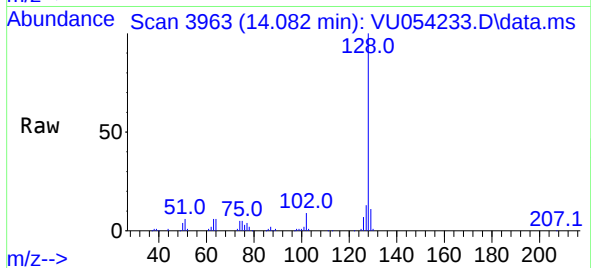




#71
Naphthalene
Concen: 5.271 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. 0.000 min
Lab File: VU054233.D
Acq: 22 May 2023 09:03

Instrument :
MSVOA_U
ClientSampleId :
VSTD005171

Tgt Ion:128	Resp:	142124
Ion	Ratio	Lower Upper
128	100	
129	10.8	9.0 13.6
127	13.0	10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.550 ug/L
RT: 14.323 min Scan# 4038
Delta R.T. 0.000 min
Lab File: VU054233.D
Acq: 22 May 2023 09:03

Tgt Ion:180	Resp:	87565
Ion	Ratio	Lower Upper
180	100	
182	94.1	76.4 114.6
145	30.8	25.1 37.7

