

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011323\
 Data File : VU052679.D
 Acq On : 13 Jan 2023 20:31
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1Z2

Quant Time: Jan 13 22:28:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 11 00:53:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	147573	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	142790	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	79605	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	47812	3.688	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.800%
7) Chloroethane-d5	1.916	69	44015	4.167	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.400%
11) 1,1-Dichloroethene-d2	2.565	65	24172	4.234	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.600%
20) 2-Butanone-d5	4.639	46	162001	46.733	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.460%
24) Chloroform-d	5.060	84	115980	4.796	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.697	65	60479	4.870	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.722	84	223634	4.832	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	6.687	67	71735	4.651	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.893	98	204513	5.012	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
43) trans-1,3-Dichloroprop...	8.176	79	27197	4.742	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.632	63	124979	52.458	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.920%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	58606	4.963	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	12.188	152	71037	4.902	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	75417	4.757	ug/L	99
3) Chloromethane	1.520	50	66846	3.472	ug/L	99
5) Vinyl chloride	1.604	62	73470	3.988	ug/L	100
6) Bromomethane	1.858	94	16961	1.774	ug/L	91
8) Chloroethane	1.935	64	47929	4.280	ug/L	94
9) Trichlorofluoromethane	2.137	101	103204	4.752	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	59103	4.626	ug/L	96
12) 1,1-Dichloroethene	2.578	96	59765	4.671	ug/L	94
13) Acetone	2.665	43	107640	43.296	ug/L	100
14) Carbon disulfide	2.793	76	208582	4.717	ug/L	100
15) Methyl Acetate	2.960	43	29251	4.908	ug/L	98
16) Methylene chloride	3.044	84	89907	5.281	ug/L	92
17) Methyl tert-butyl Ether	3.359	73	141622	5.002	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	64454	4.940	ug/L	94
19) 1,1-Dichloroethane	3.867	63	126811	4.680	ug/L	99
21) 2-Butanone	4.716	43	187282	46.795	ug/L	98
22) cis-1,2-Dichloroethene	4.661	96	68557	4.893	ug/L	98
23) Bromochloromethane	4.967	128	30827	5.197	ug/L	86
25) Chloroform	5.083	83	128392	4.820	ug/L	100

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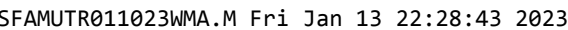
Instrument :
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 ClientSampleId :
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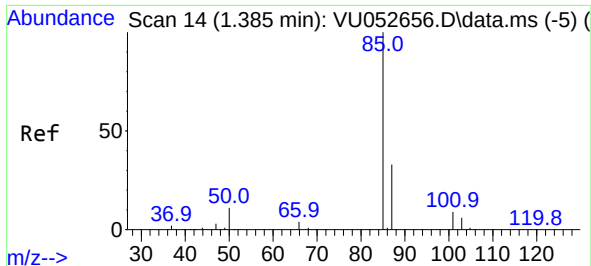
Quant Time: Jan 13 22:28:40 2023
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	78263	4.848	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	106445	4.751	ug/L	98
30) Cyclohexane	5.385	56	105146	4.665	ug/L	97
31) Carbon tetrachloride	5.520	117	92633	5.277	ug/L	97
33) Benzene	5.771	78	283428	5.015	ug/L	100
34) Trichloroethene	6.539	95	66425	4.969	ug/L	98
35) Methylcyclohexane	6.761	83	106996	4.847	ug/L	97
37) 1,2-Dichloropropane	6.787	63	73885	4.871	ug/L	99
38) Bromodichloromethane	7.102	83	90076	5.044	ug/L	95
39) cis-1,3-Dichloropropene	7.603	75	92309	4.795	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	424841	48.975	ug/L	97
42) Toluene	7.967	91	292494	5.195	ug/L	100
44) trans-1,3-Dichloropropene	8.205	75	80492	4.843	ug/L	99
45) 1,1,2-Trichloroethane	8.394	97	48266	5.059	ug/L	95
47) Tetrachloroethene	8.549	164	51381	5.216	ug/L	96
48) 2-Hexanone	8.681	43	315110	49.613	ug/L	96
49) Dibromochloromethane	8.806	129	57010	5.169	ug/L	96
50) 1,2-Dibromoethane	8.918	107	44438	5.067	ug/L #	98
51) Chlorobenzene	9.443	112	179139	5.108	ug/L	97
52) Ethylbenzene	9.565	91	292991	5.109	ug/L	98
53) m,p-Xylene	9.690	106	117789	5.422	ug/L	99
54) o-Xylene	10.095	106	110959	5.342	ug/L	100
55) Styrene	10.111	104	195851	5.528	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.777	83	62341	5.002	ug/L	98
59) Bromoform	10.285	173	31929	5.158	ug/L	99
60) Isopropylbenzene	10.481	105	288329	5.110	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	43218	4.671	ug/L	93
62) 1,3,5-Trimethylbenzene	11.086	105	230281	5.117	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	233988	5.161	ug/L	98
64) 1,3-Dichlorobenzene	11.741	146	134546	5.013	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	135507	4.949	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	126453	5.007	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.992	75	9464	4.435	ug/L #	88
69) 1,3,5-Trichlorobenzene	13.214	180	97325	4.882	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	77135	4.824	ug/L	99
71) Naphthalene	14.082	128	128759	4.638	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	73470	5.015	ug/L	99

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

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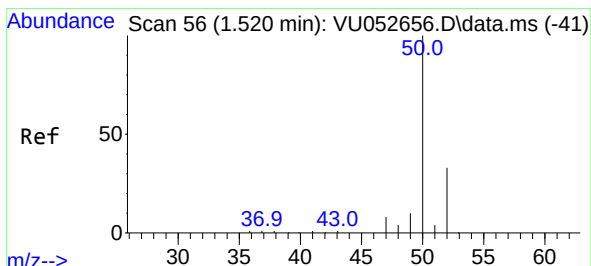
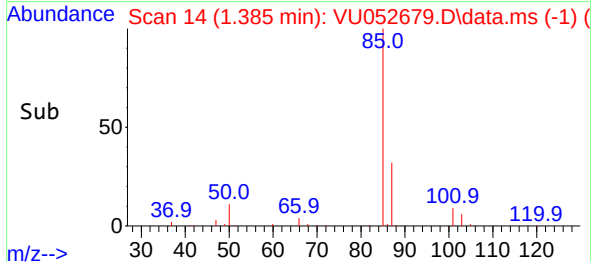
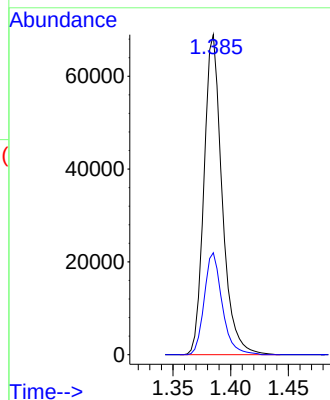
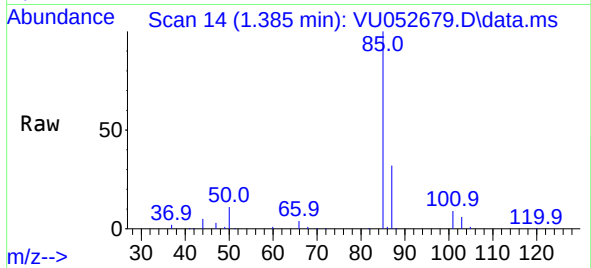




#2
Dichlorodifluoromethane
Concen: 4.757 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU052679.D
Acq: 13 Jan 2023 20:31

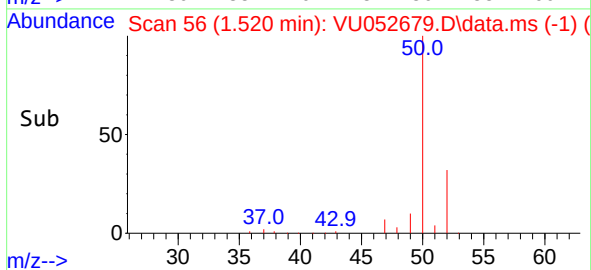
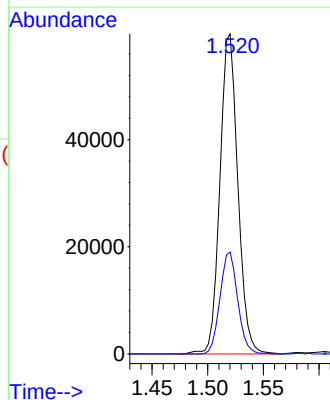
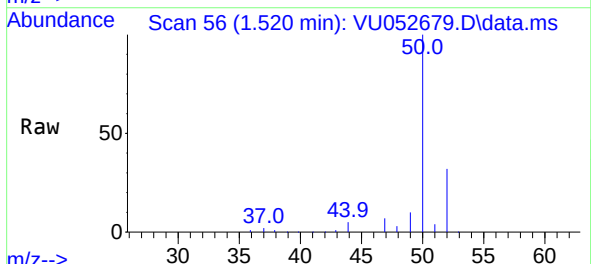
Instrument :
MSVOA_U
ClientSampleId :
BH1Z2

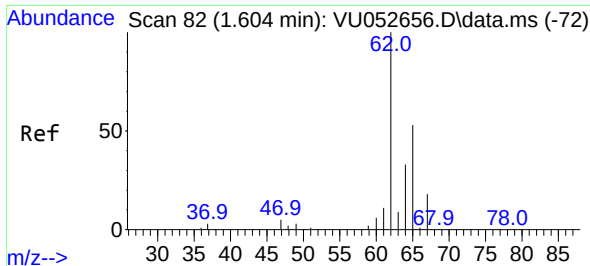
Tgt Ion: 85 Resp: 75417
Ion Ratio Lower Upper
85 100
87 31.5 25.5 38.3



#3
Chloromethane
Concen: 3.472 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU052679.D
Acq: 13 Jan 2023 20:31

Tgt Ion: 50 Resp: 66846
Ion Ratio Lower Upper
50 100
52 31.8 22.7 42.3

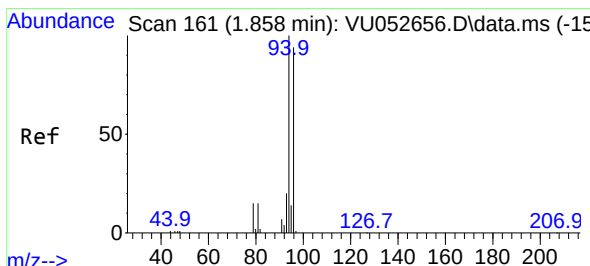
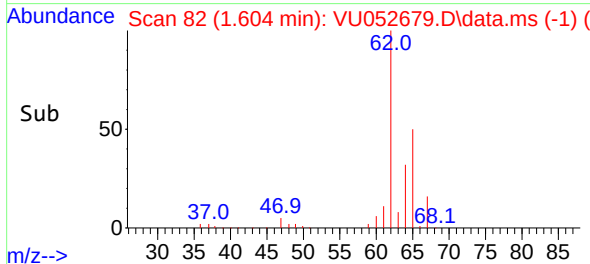
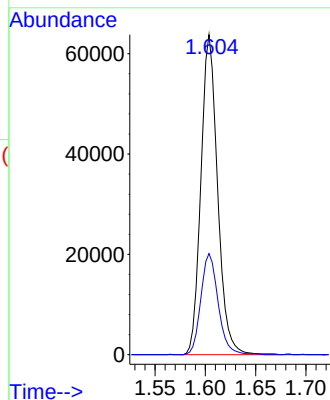
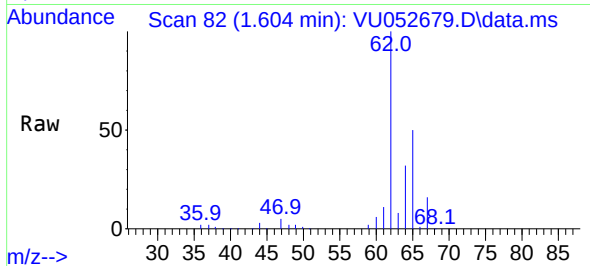




#5
 Vinyl chloride
 Concen: 3.988 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU052679.D
 Acq: 13 Jan 2023 20:31

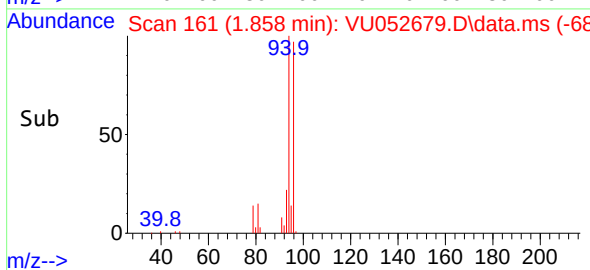
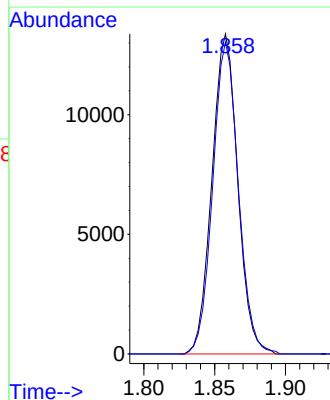
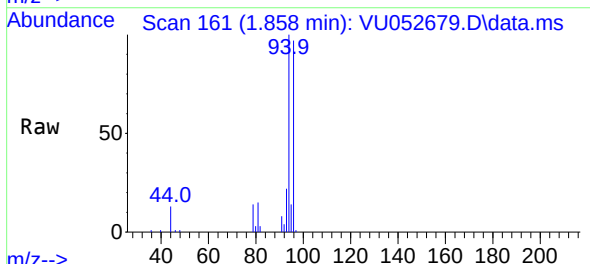
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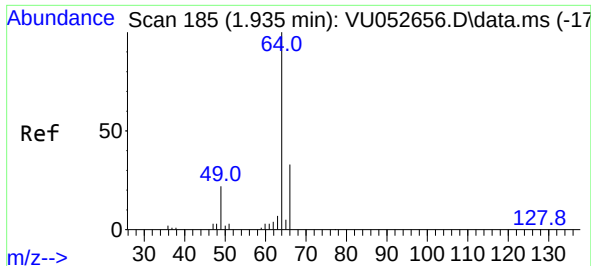
Tgt Ion: 62 Resp: 73470
 Ion Ratio Lower Upper
 62 100
 64 31.6 22.3 41.3



#6
 Bromomethane
 Concen: 1.774 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.000 min
 Lab File: VU052679.D
 Acq: 13 Jan 2023 20:31

Tgt Ion: 94 Resp: 16961
 Ion Ratio Lower Upper
 94 100
 96 97.5 62.2 115.6

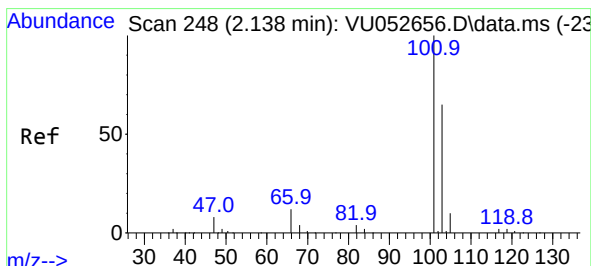
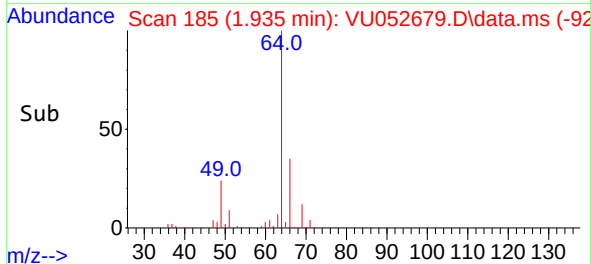
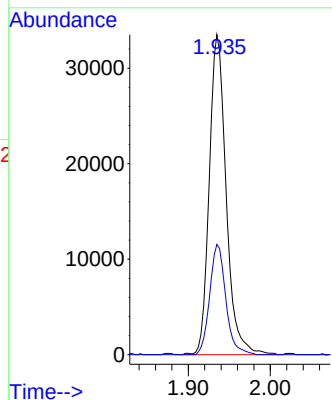
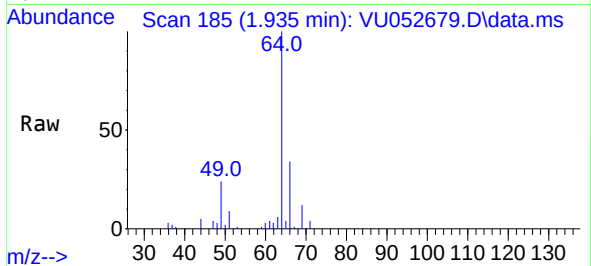




#8
Chloroethane
Concen: 4.280 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU052679.D
Acq: 13 Jan 2023 20:31

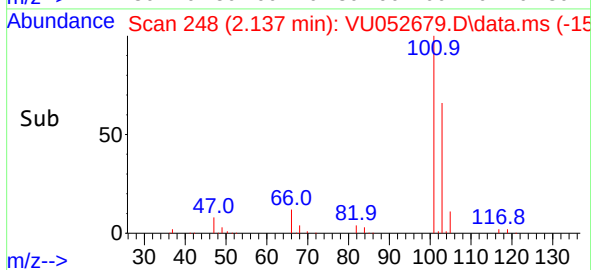
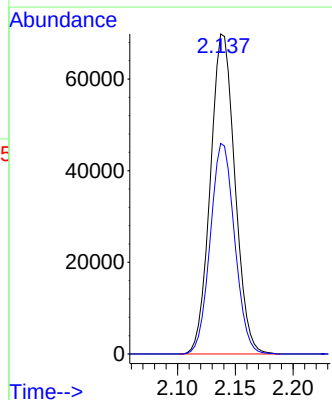
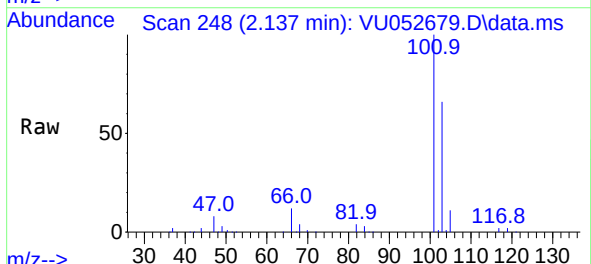
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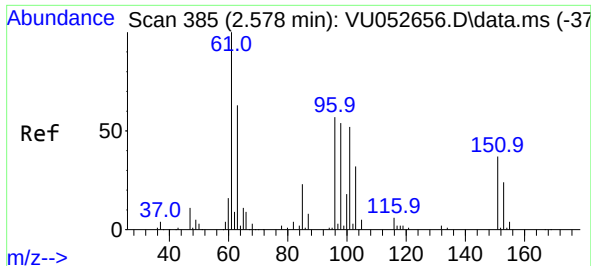
Tgt Ion: 64 Resp: 47929
Ion Ratio Lower Upper
64 100
66 34.5 21.6 40.2



#9
Trichlorofluoromethane
Concen: 4.752 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU052679.D
Acq: 13 Jan 2023 20:31

Tgt Ion:101 Resp: 103204
Ion Ratio Lower Upper
101 100
103 65.3 51.0 76.6

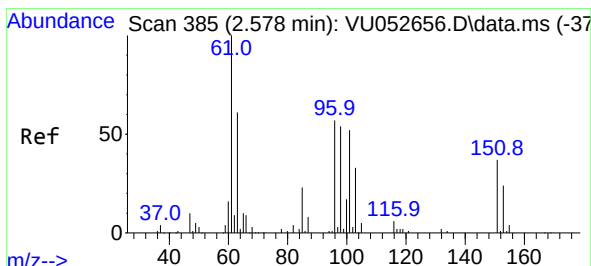
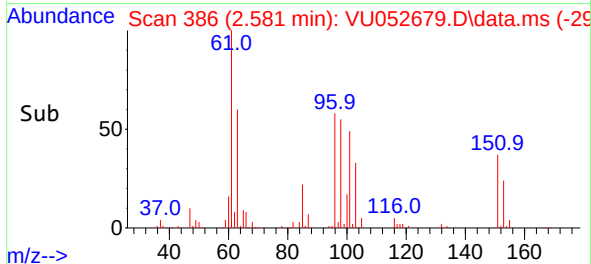
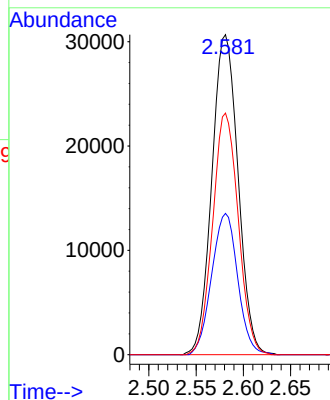
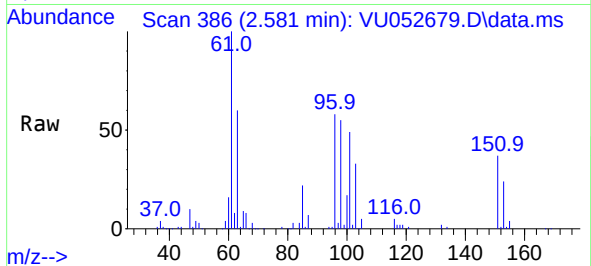




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.626 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU052679.D
Acq: 13 Jan 2023 20:31

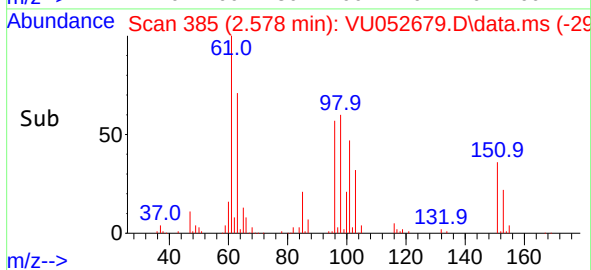
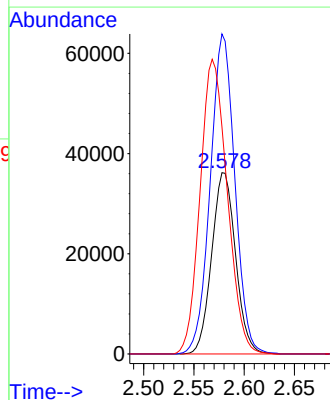
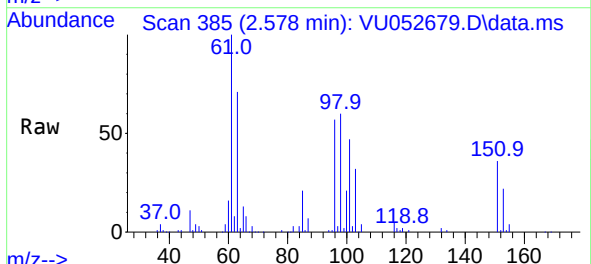
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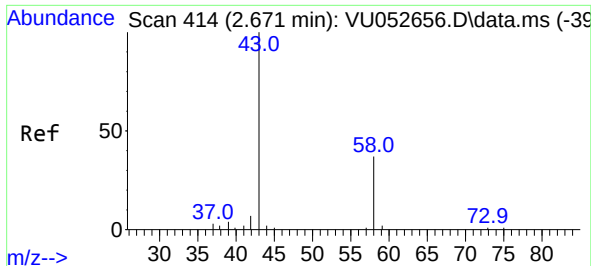
Tgt Ion:101 Resp: 59103
Ion Ratio Lower Upper
101 100
85 43.9 35.0 52.6
151 73.8 55.0 82.6



#12
1,1-Dichloroethene
Concen: 4.671 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU052679.D
Acq: 13 Jan 2023 20:31

Tgt Ion: 96 Resp: 59765
Ion Ratio Lower Upper
96 100
61 176.4 129.6 240.8
63 125.2 83.7 155.5





#13

Acetone

Concen: 43.296 ug/L

RT: 2.665 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU052679.D

Acq: 13 Jan 2023 20:31

Instrument :

MSVOA_U

ClientSampleId :

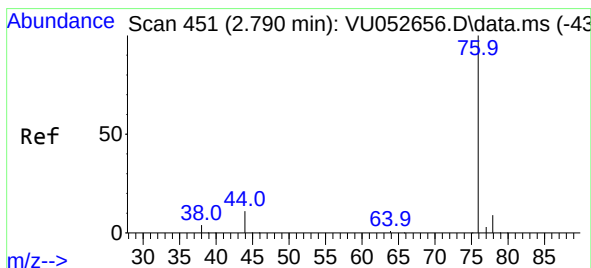
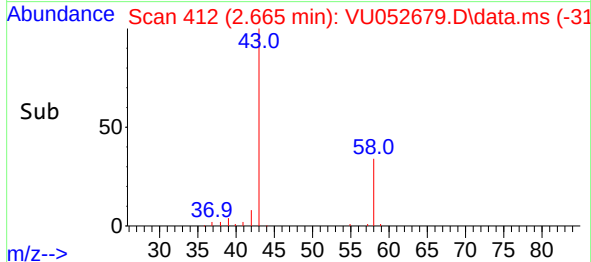
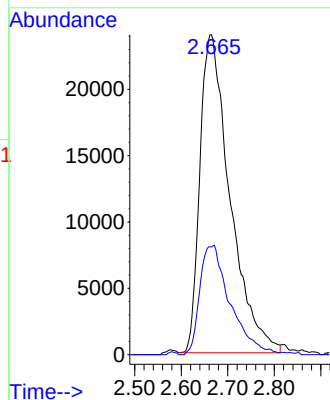
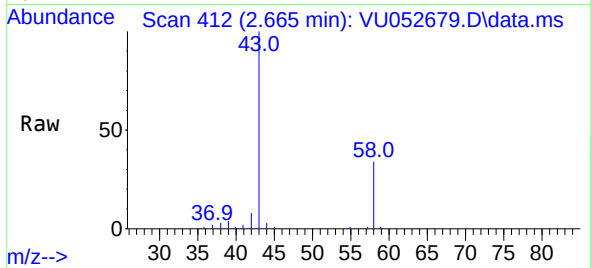
BH1Z2

Tgt Ion: 43 Resp: 107640

Ion Ratio Lower Upper

43 100

58 34.2 0.0 68.8



#14

Carbon disulfide

Concen: 4.717 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU052679.D

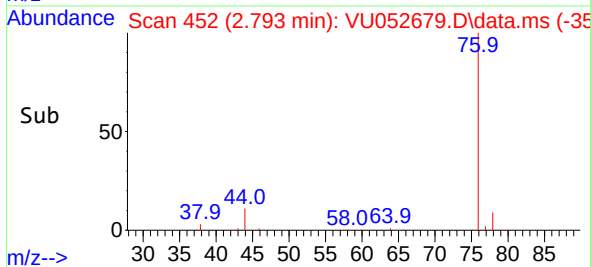
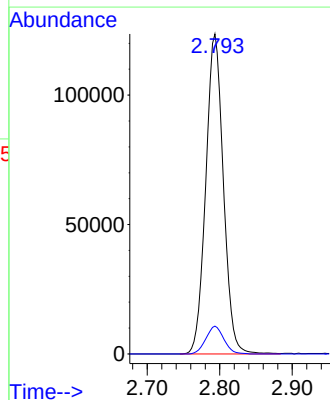
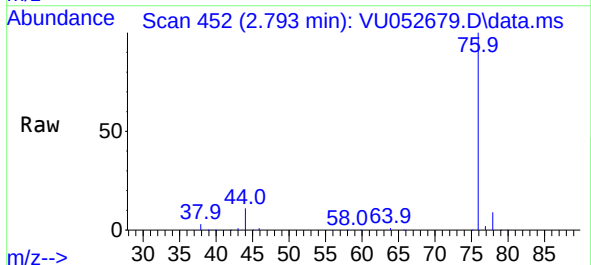
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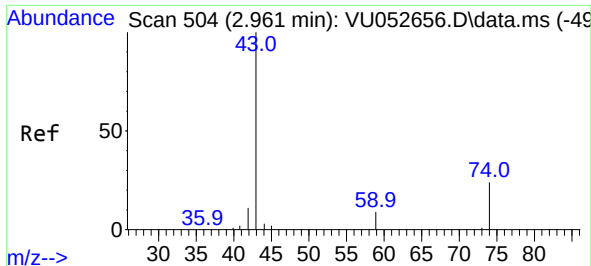
Tgt Ion: 76 Resp: 208582

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.6

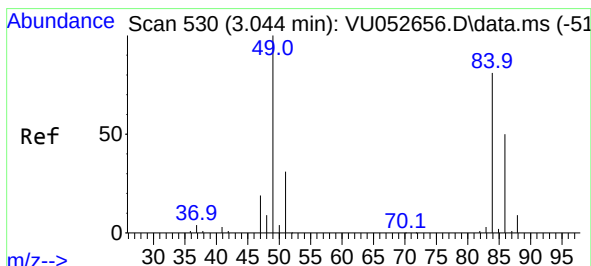
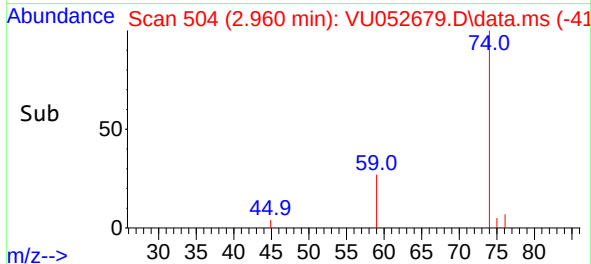
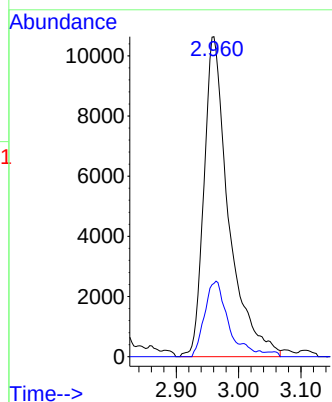
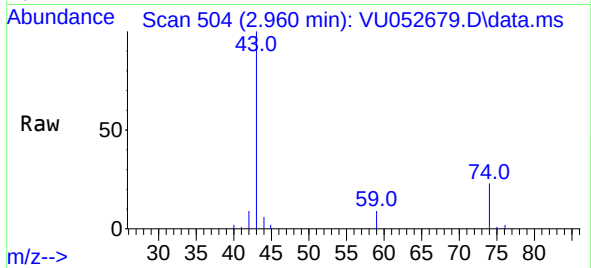




#15
Methyl Acetate
Concen: 4.908 ug/L
RT: 2.960 min Scan# 504
Delta R.T. 0.003 min
Lab File: VU052679.D
Acq: 13 Jan 2023 20:31

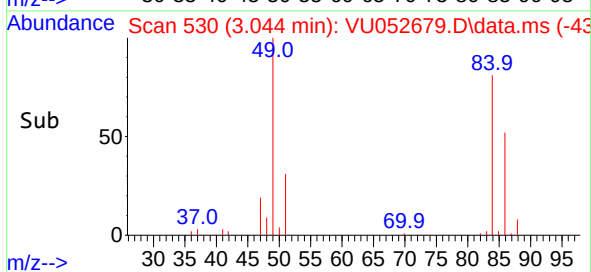
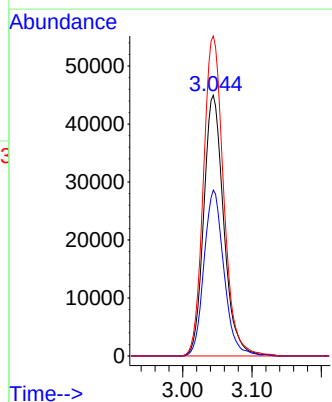
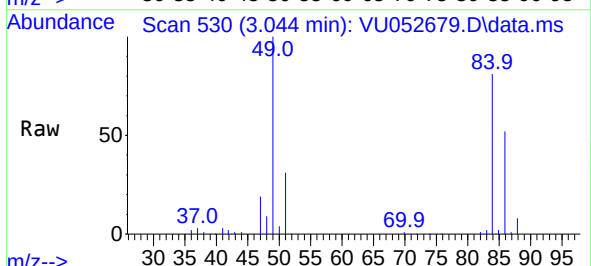
Instrument :
MSVOA_U
ClientSampleId :
BH1Z2

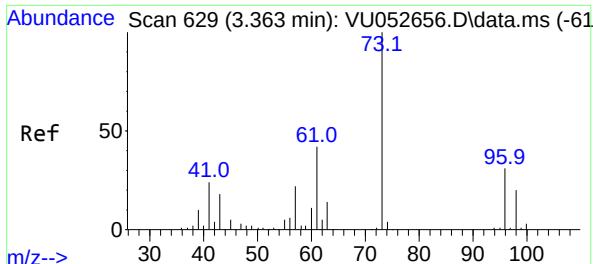
Tgt Ion: 43 Resp: 29251
Ion Ratio Lower Upper
43 100
74 20.8 17.5 26.3



#16
Methylene chloride
Concen: 5.281 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU052679.D
Acq: 13 Jan 2023 20:31

Tgt Ion: 84 Resp: 89907
Ion Ratio Lower Upper
84 100
86 63.7 45.6 84.6
49 122.8 94.8 176.0

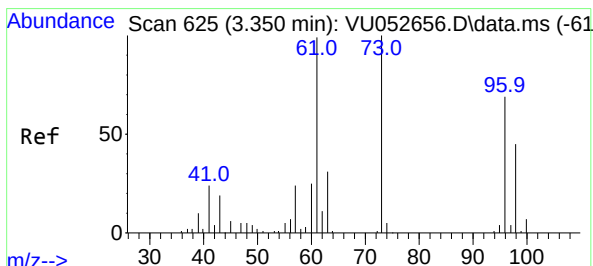
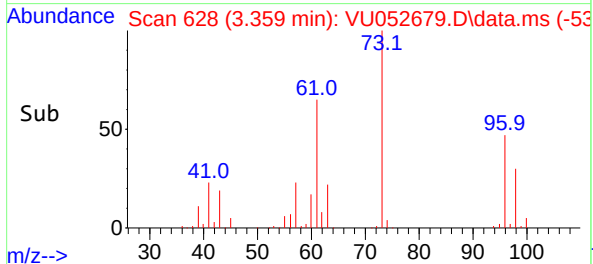
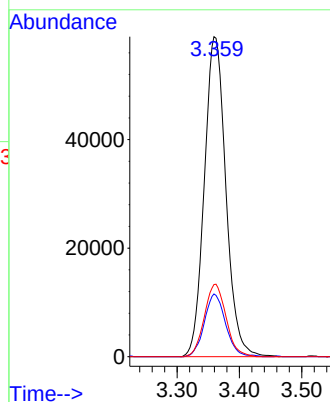
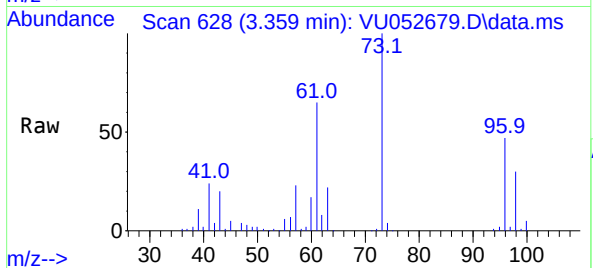




#17
Methyl tert-butyl Ether
Concen: 5.002 ug/L
RT: 3.359 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU052679.D
Acq: 13 Jan 2023 20:31

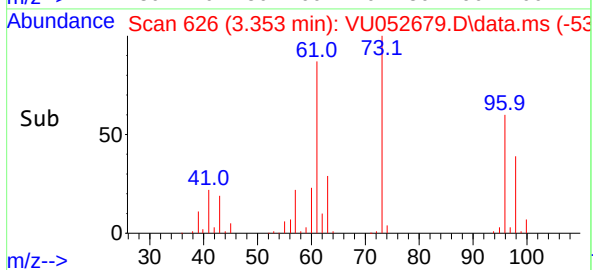
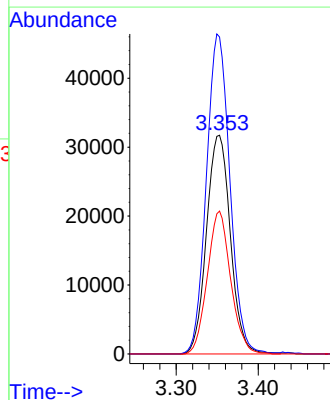
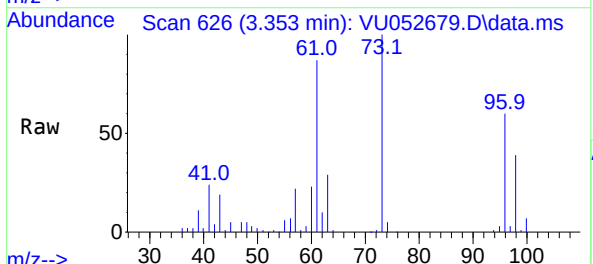
Instrument :
MSVOA_U
ClientSampleId :
BH1Z2

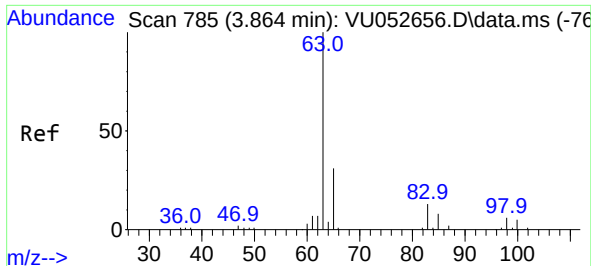
Tgt Ion: 73 Resp: 141622
Ion Ratio Lower Upper
73 100
43 19.3 15.8 23.8
57 22.8 18.6 28.0



#18
trans-1,2-Dichloroethene
Concen: 4.940 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.000 min
Lab File: VU052679.D
Acq: 13 Jan 2023 20:31

Tgt Ion: 96 Resp: 64454
Ion Ratio Lower Upper
96 100
61 144.9 108.4 201.4
98 65.3 43.8 81.4

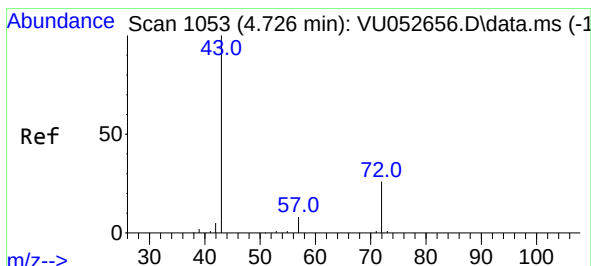
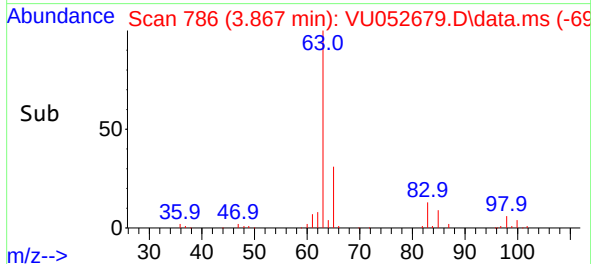
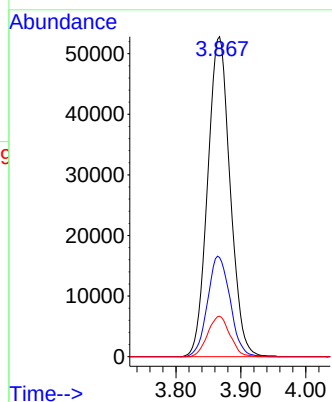
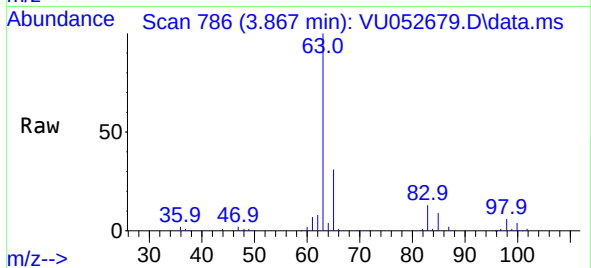




#19
1,1-Dichloroethane
Concen: 4.680 ug/L
RT: 3.867 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU052679.D
Acq: 13 Jan 2023 20:31

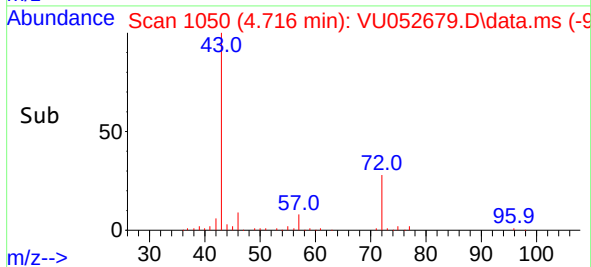
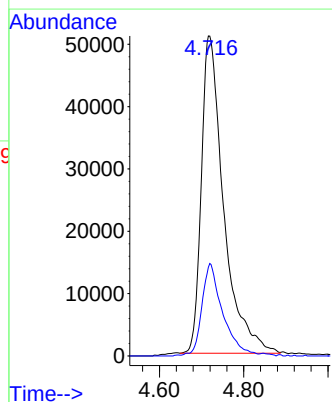
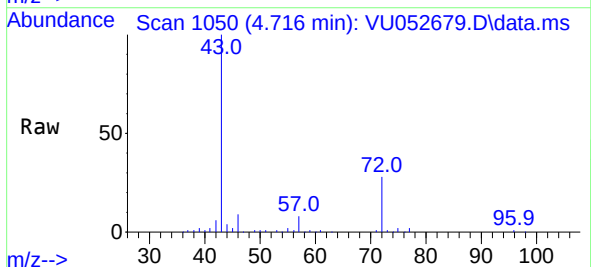
Instrument :
MSVOA_U
ClientSampleId :
BH1Z2

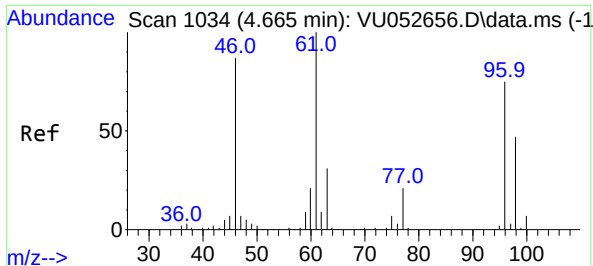
Tgt Ion: 63 Resp: 126811
Ion Ratio Lower Upper
63 100
65 31.0 22.0 41.0
83 12.7 8.9 16.5



#21
2-Butanone
Concen: 46.795 ug/L
RT: 4.716 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VU052679.D
Acq: 13 Jan 2023 20:31

Tgt Ion: 43 Resp: 187282
Ion Ratio Lower Upper
43 100
72 26.6 12.9 38.6

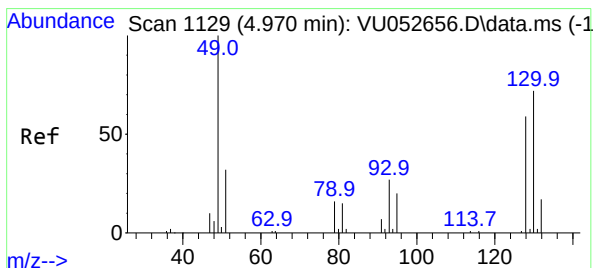
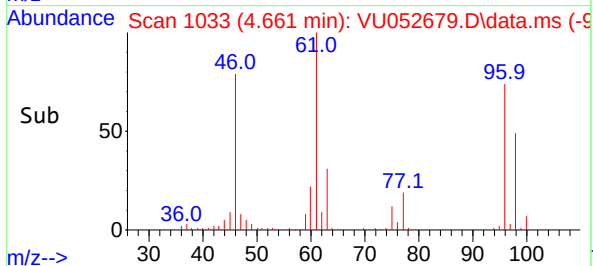
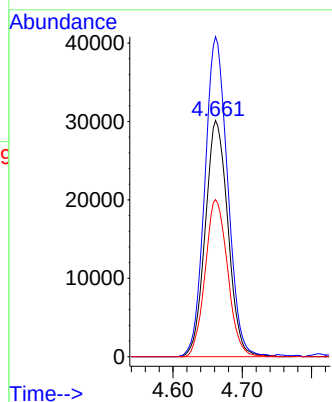
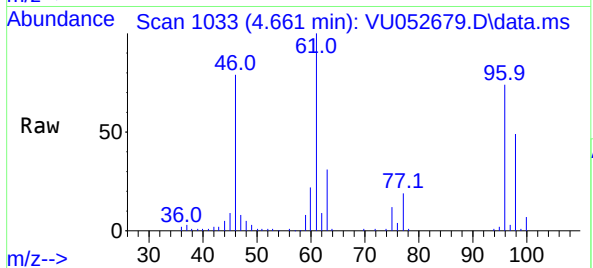




#22
 cis-1,2-Dichloroethene
 Concen: 4.893 ug/L
 RT: 4.661 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU052679.D
 Acq: 13 Jan 2023 20:31

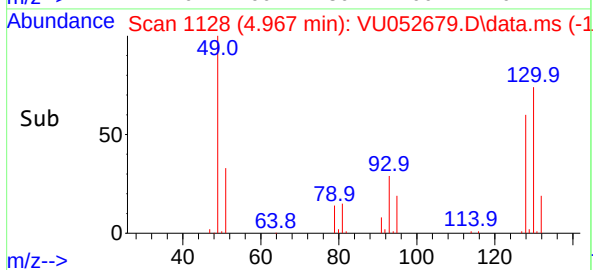
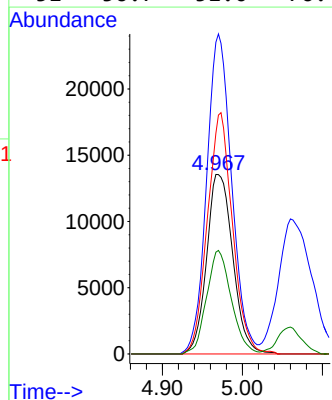
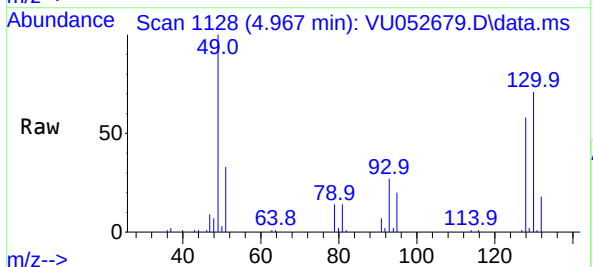
Instrument :
 MSVOA_U
 ClientSampleId :
 BH1Z2

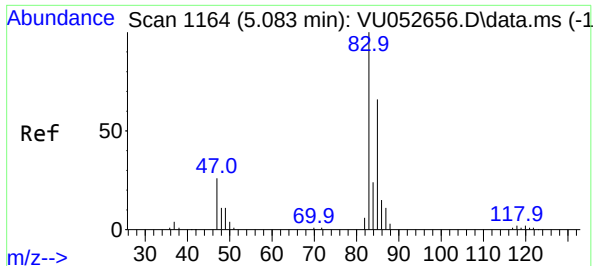
Tgt Ion: 96 Resp: 68557
 Ion Ratio Lower Upper
 96 100
 61 135.5 94.6 175.8
 98 66.5 43.3 80.3



#23
 Bromochloromethane
 Concen: 5.197 ug/L
 RT: 4.967 min Scan# 1128
 Delta R.T. -0.007 min
 Lab File: VU052679.D
 Acq: 13 Jan 2023 20:31

Tgt Ion:128 Resp: 30827
 Ion Ratio Lower Upper
 128 100
 49 173.6 142.8 265.2
 130 122.9 91.3 169.5
 51 56.7 51.0 76.4

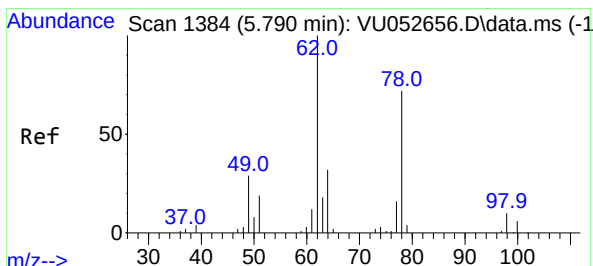
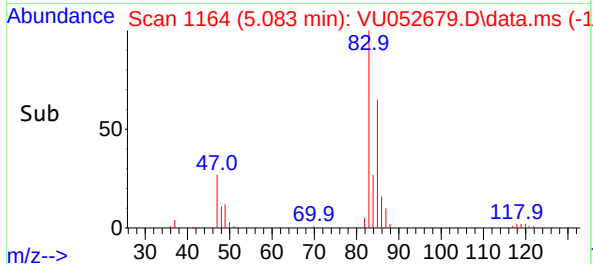
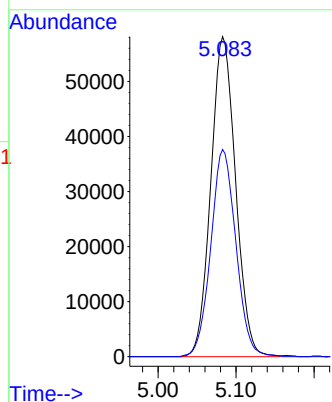
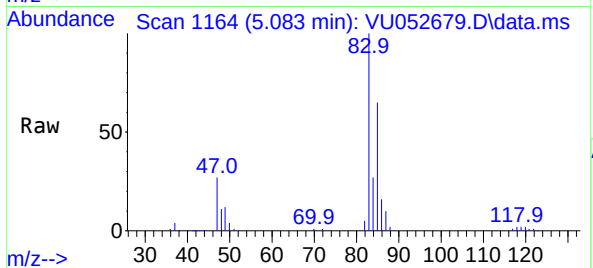




#25
Chloroform
Concen: 4.820 ug/L
RT: 5.083 min Scan# 1164
Delta R.T. -0.000 min
Lab File: VU052679.D
Acq: 13 Jan 2023 20:31

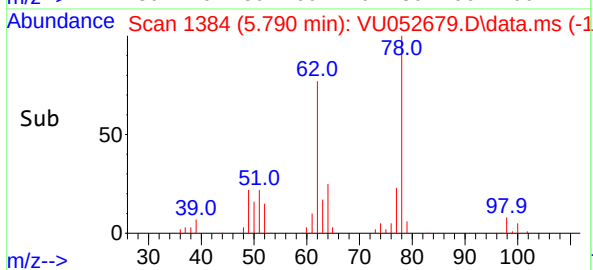
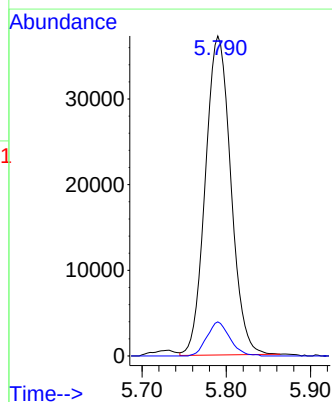
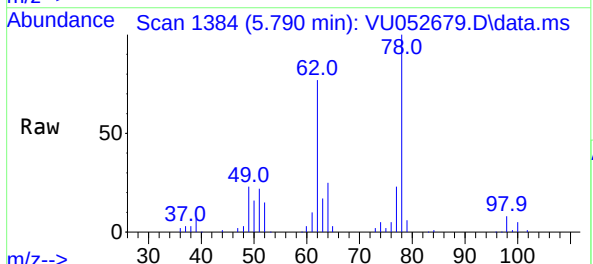
Instrument :
MSVOA_U
ClientSampleId :
BH1Z2

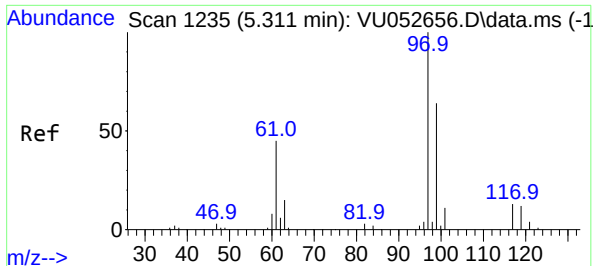
Tgt Ion: 83 Resp: 128392
Ion Ratio Lower Upper
83 100
85 64.8 45.6 84.6



#27
1,2-Dichloroethane
Concen: 4.848 ug/L
RT: 5.790 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VU052679.D
Acq: 13 Jan 2023 20:31

Tgt Ion: 62 Resp: 78263
Ion Ratio Lower Upper
62 100
98 10.6 7.5 11.3

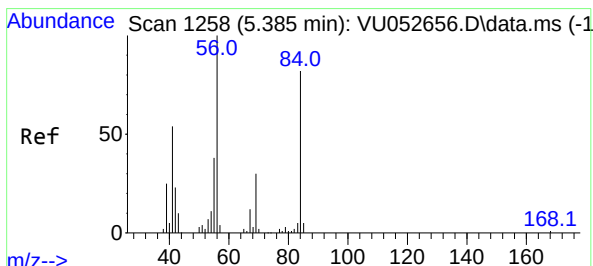
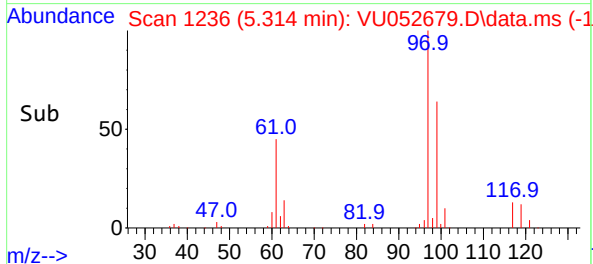
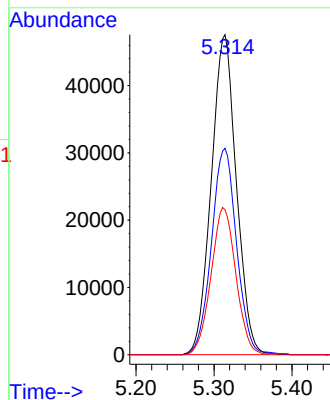
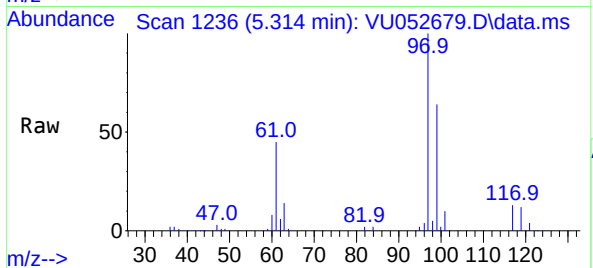




#29
1,1,1-Trichloroethane
Concen: 4.751 ug/L
RT: 5.314 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU052679.D
Acq: 13 Jan 2023 20:31

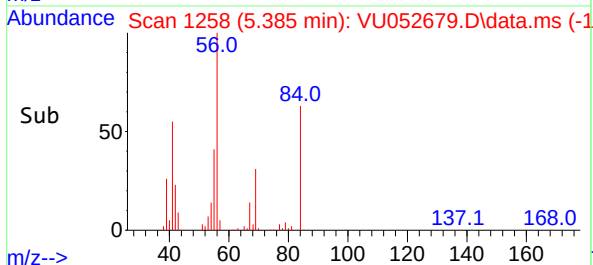
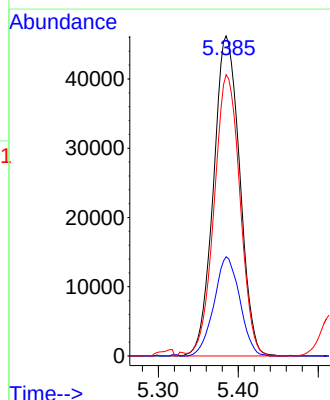
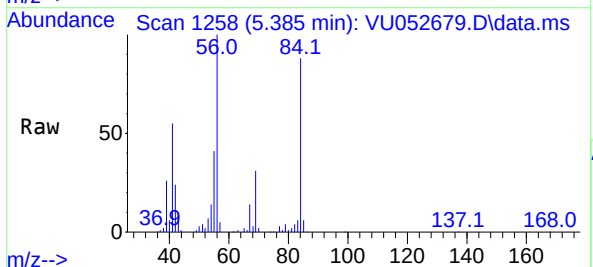
Instrument :
MSVOA_U
ClientSampleId :
BH1Z2

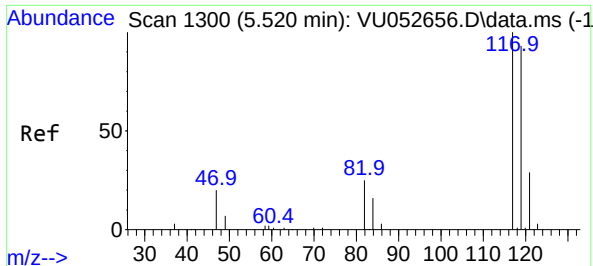
Tgt Ion: 97 Resp: 106445
Ion Ratio Lower Upper
97 100
99 64.8 52.4 78.6
61 45.5 38.5 57.7



#30
Cyclohexane
Concen: 4.665 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VU052679.D
Acq: 13 Jan 2023 20:31

Tgt Ion: 56 Resp: 105146
Ion Ratio Lower Upper
56 100
69 30.5 23.8 35.8
84 86.5 66.2 99.4

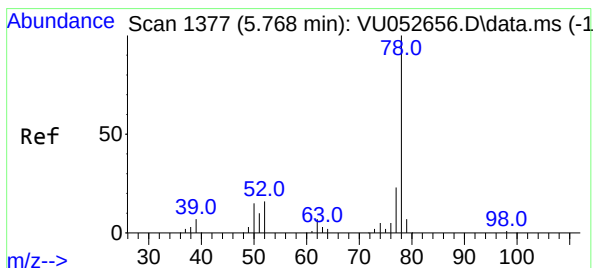
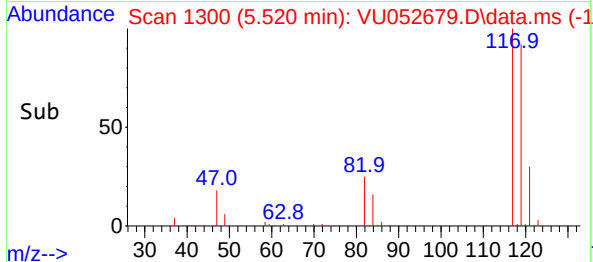
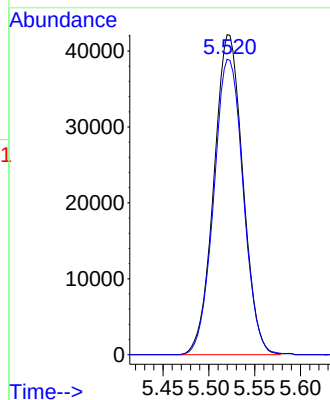
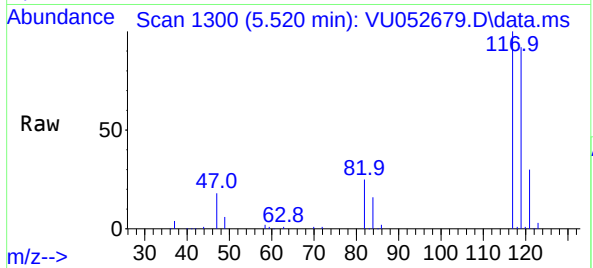




#31
Carbon tetrachloride
Concen: 5.277 ug/L
RT: 5.520 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU052679.D
Acq: 13 Jan 2023 20:31

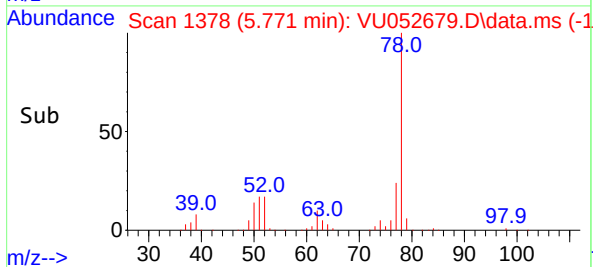
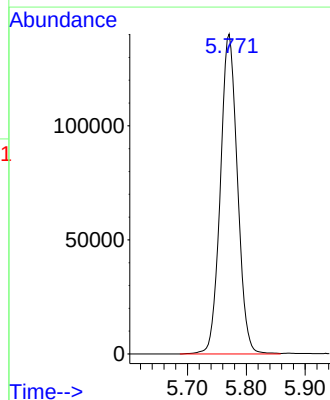
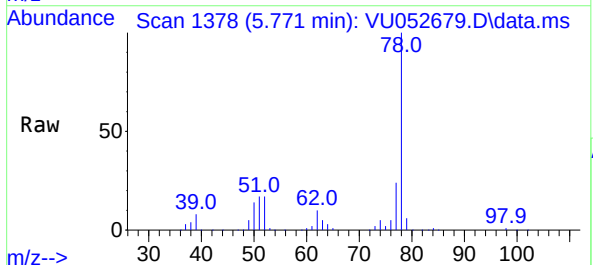
Instrument :
MSVOA_U
ClientSampleId :
BH1Z2

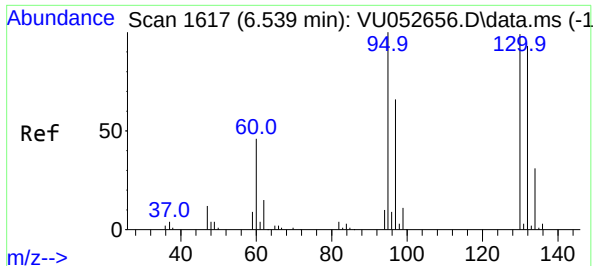
Tgt Ion:117 Resp: 92633
Ion Ratio Lower Upper
117 100
119 93.9 77.8 116.8



#33
Benzene
Concen: 5.015 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU052679.D
Acq: 13 Jan 2023 20:31

Tgt Ion: 78 Resp: 283428

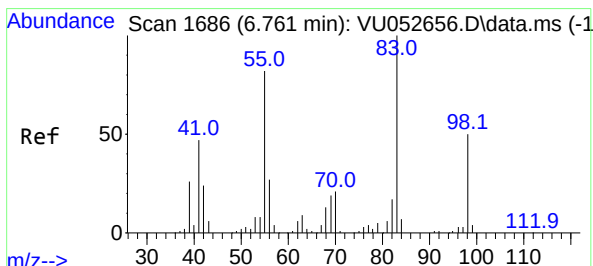
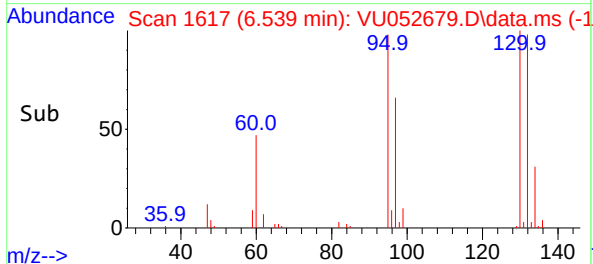
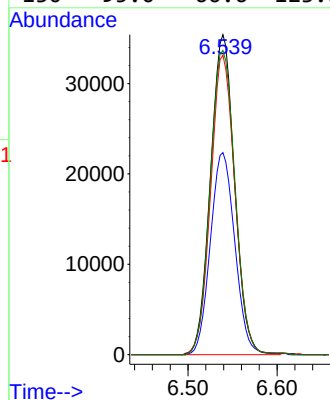
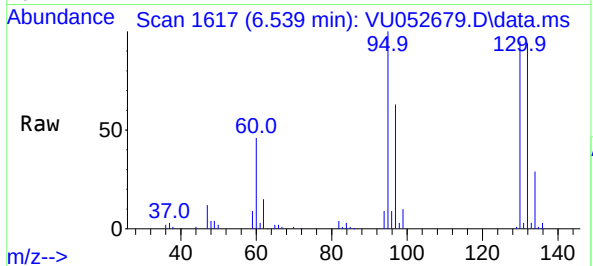




#34
Trichloroethene
Concen: 4.969 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052679.D
Acq: 13 Jan 2023 20:31

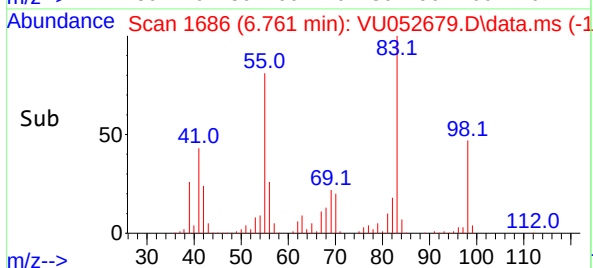
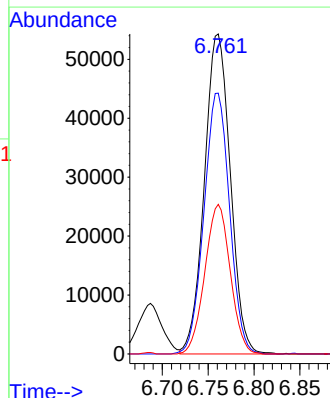
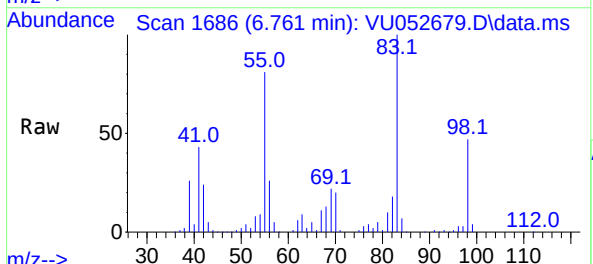
Instrument :
MSVOA_U
ClientSampleId :
BH1Z2

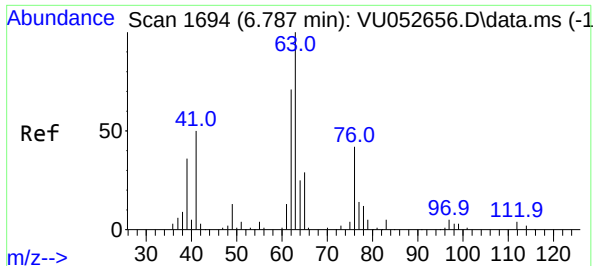
Tgt Ion: 95 Resp: 66425
Ion Ratio Lower Upper
95 100
97 63.1 46.0 85.4
132 93.5 64.0 118.8
130 95.0 66.6 123.8



#35
Methylcyclohexane
Concen: 4.847 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.003 min
Lab File: VU052679.D
Acq: 13 Jan 2023 20:31

Tgt Ion: 83 Resp: 106996
Ion Ratio Lower Upper
83 100
55 80.5 67.6 101.4
98 45.7 37.1 55.7

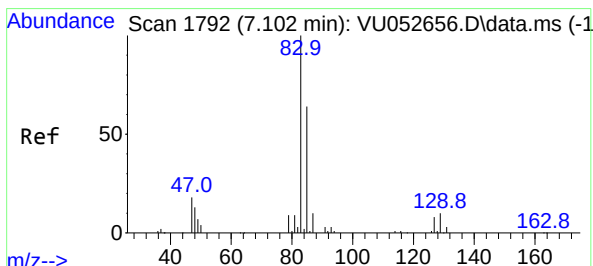
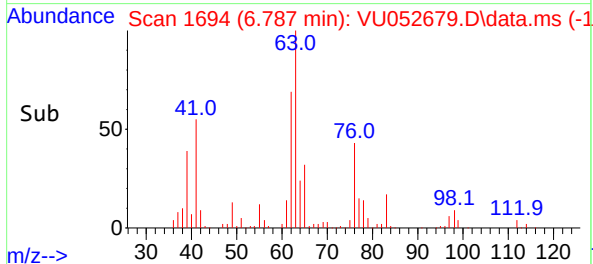
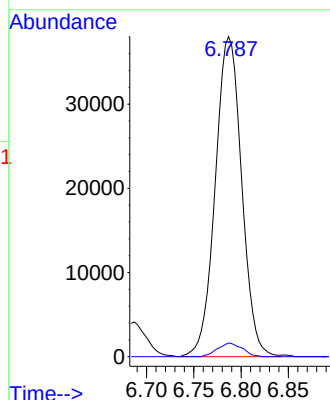
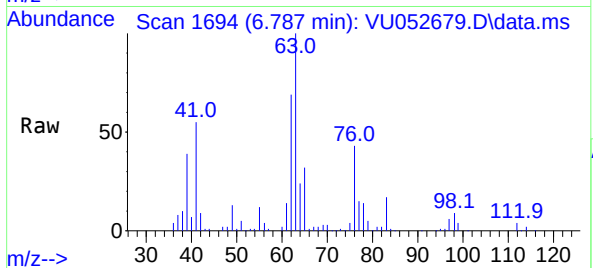




#37
1,2-Dichloropropane
Concen: 4.871 ug/L
RT: 6.787 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU052679.D
Acq: 13 Jan 2023 20:31

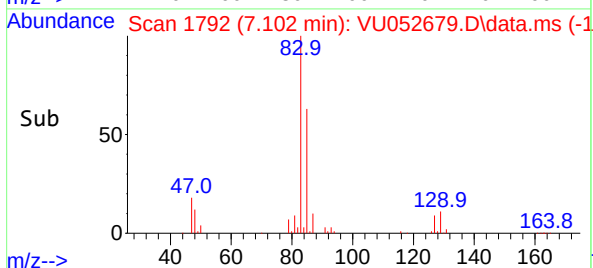
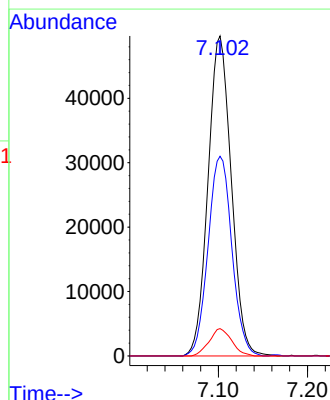
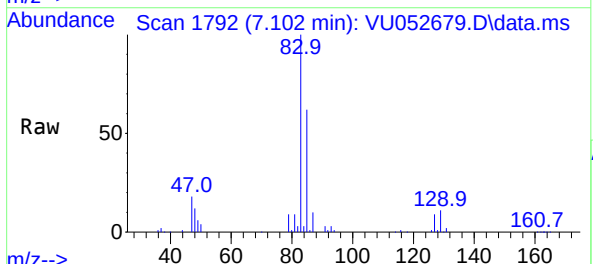
Instrument :
MSVOA_U
ClientSampleId :
BH1Z2

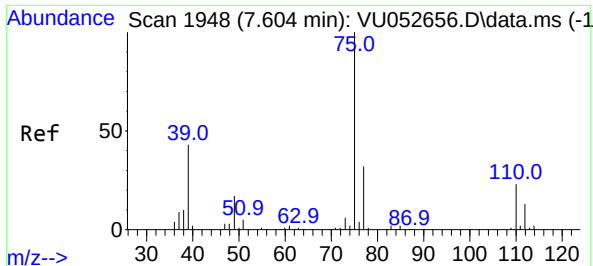
Tgt Ion: 63 Resp: 73885
Ion Ratio Lower Upper
63 100
112 4.0 2.9 4.3



#38
Bromodichloromethane
Concen: 5.044 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VU052679.D
Acq: 13 Jan 2023 20:31

Tgt Ion: 83 Resp: 90076
Ion Ratio Lower Upper
83 100
85 62.4 47.0 87.4
127 8.5 6.9 10.3

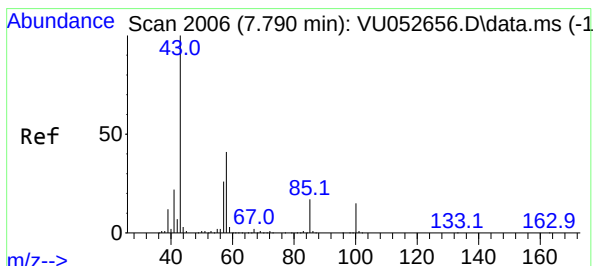
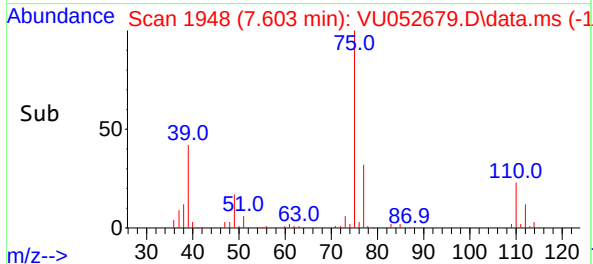
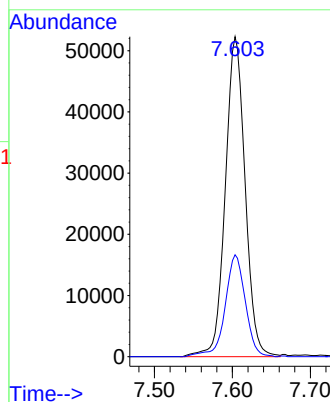
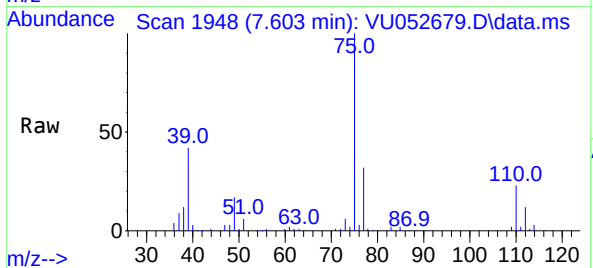




#39
cis-1,3-Dichloropropene
Concen: 4.795 ug/L
RT: 7.603 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VU052679.D
Acq: 13 Jan 2023 20:31

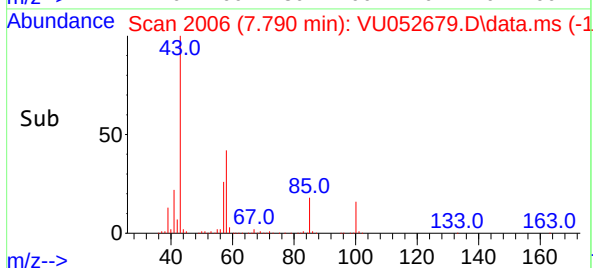
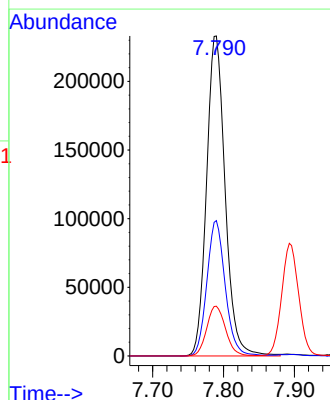
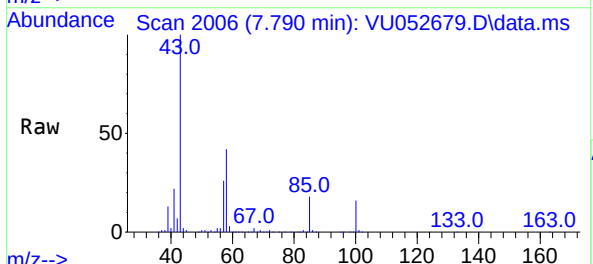
Instrument :
MSVOA_U
ClientSampleId :
BH1Z2

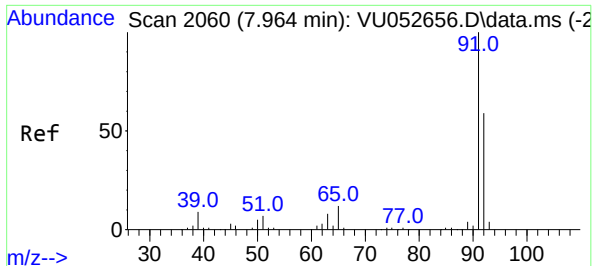
Tgt Ion: 75 Resp: 92309
Ion Ratio Lower Upper
75 100
77 31.9 22.9 42.5



#40
4-Methyl-2-pentanone
Concen: 48.975 ug/L
RT: 7.790 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VU052679.D
Acq: 13 Jan 2023 20:31

Tgt Ion: 43 Resp: 424841
Ion Ratio Lower Upper
43 100
58 41.7 32.0 48.0
100 15.8 11.3 16.9





#42

Toluene

Concen: 5.195 ug/L

RT: 7.967 min Scan# 2060

Delta R.T. 0.003 min

Lab File: VU052679.D

Acq: 13 Jan 2023 20:31

Instrument :

MSVOA_U

ClientSampleId :

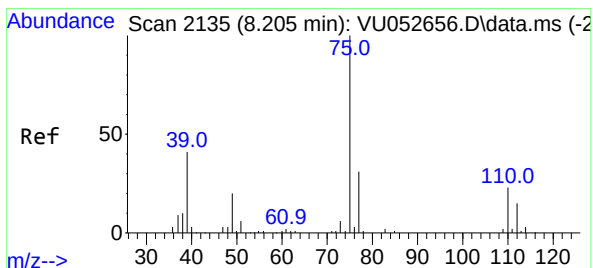
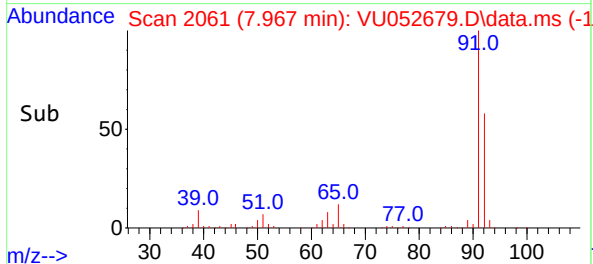
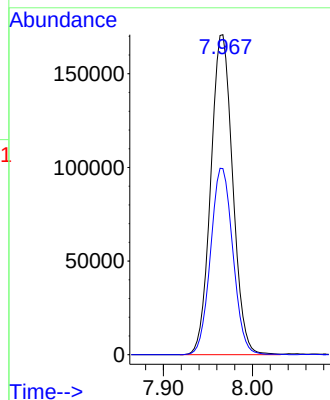
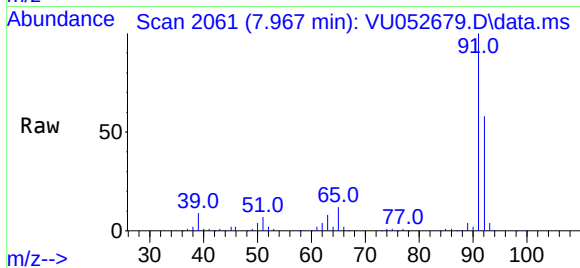
BH1Z2

Tgt Ion: 91 Resp: 292494

Ion Ratio Lower Upper

91 100

92 58.1 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 4.843 ug/L

RT: 8.205 min Scan# 2135

Delta R.T. -0.000 min

Lab File: VU052679.D

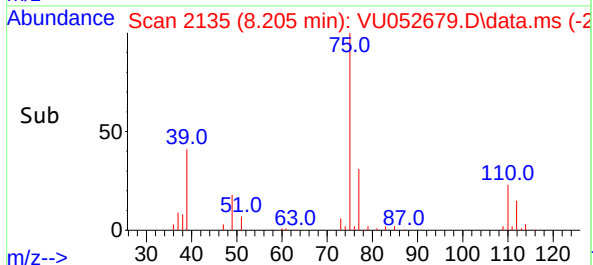
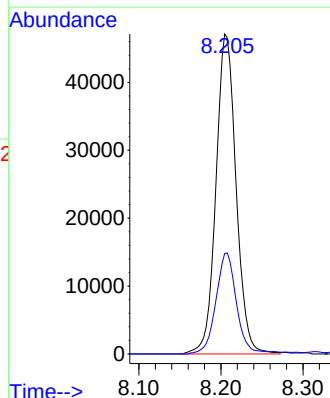
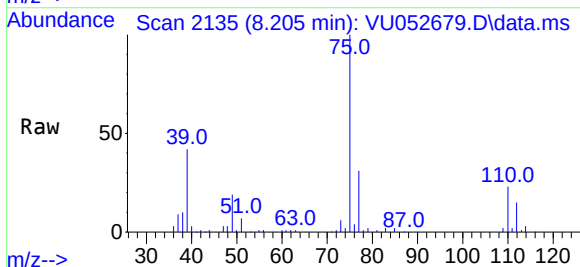
Acq: 13 Jan 2023 20:31

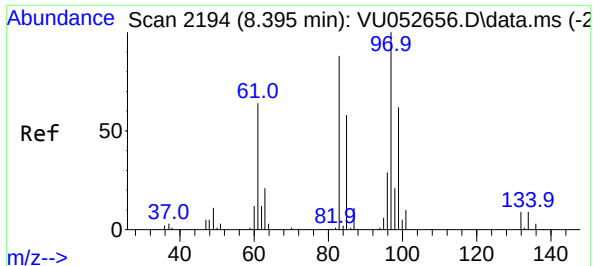
Tgt Ion: 75 Resp: 80492

Ion Ratio Lower Upper

75 100

77 31.4 22.3 41.5





#45

1,1,2-Trichloroethane

Concen: 5.059 ug/L

RT: 8.394 min Scan# 2194

Delta R.T. -0.000 min

Lab File: VU052679.D

Acq: 13 Jan 2023 20:31

Instrument :

MSVOA_U

ClientSampleId :

BH1Z2

Tgt Ion: 97 Resp: 48266

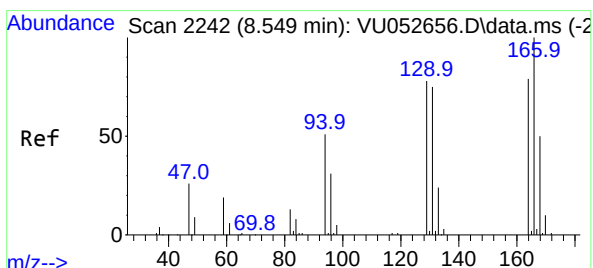
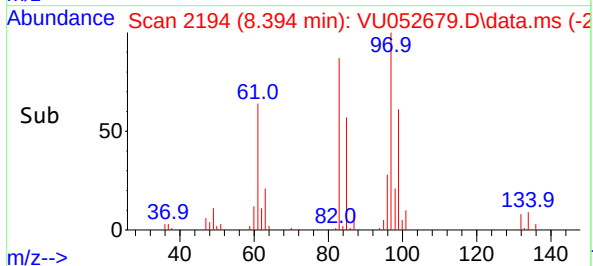
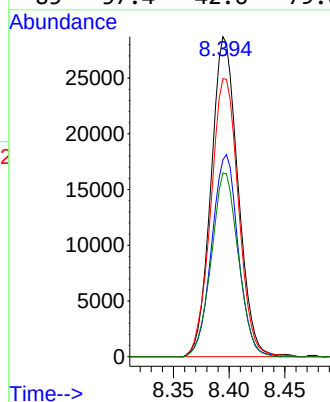
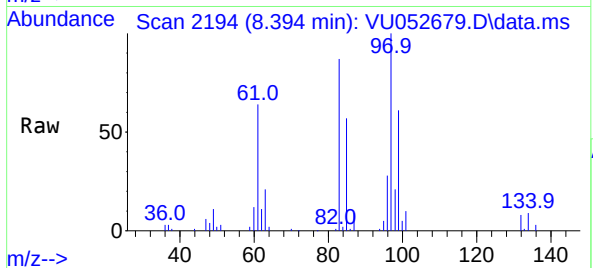
Ion Ratio Lower Upper

97 100

99 61.5 44.8 83.2

83 86.9 65.3 121.3

85 57.4 42.6 79.0



#47

Tetrachloroethene

Concen: 5.216 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. -0.000 min

Lab File: VU052679.D

Acq: 13 Jan 2023 20:31

Tgt Ion:164 Resp: 51381

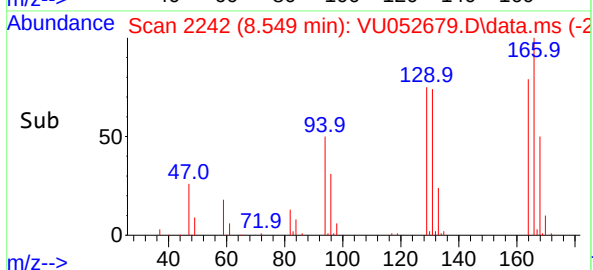
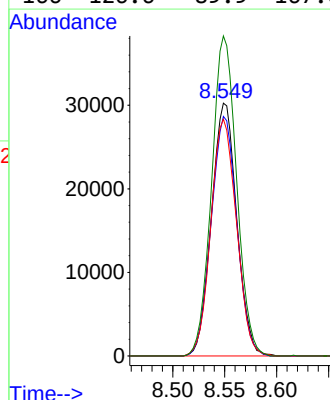
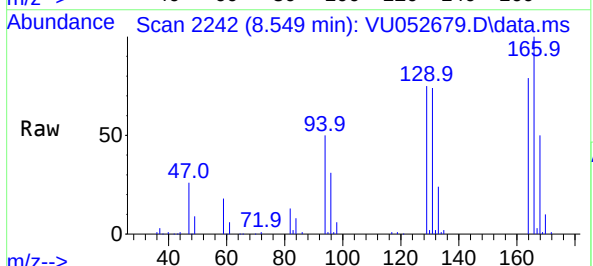
Ion Ratio Lower Upper

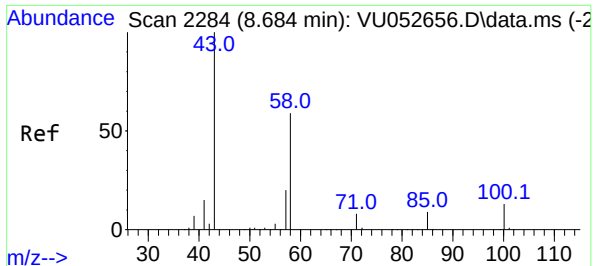
164 100

129 94.7 71.8 133.4

131 93.7 66.6 123.6

166 126.6 89.9 167.0

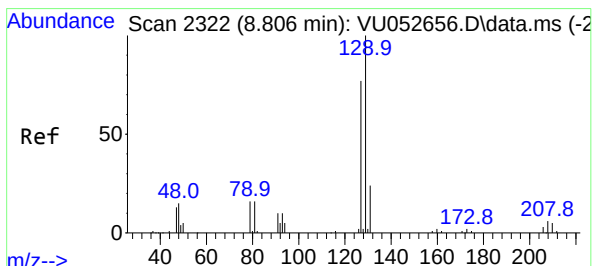
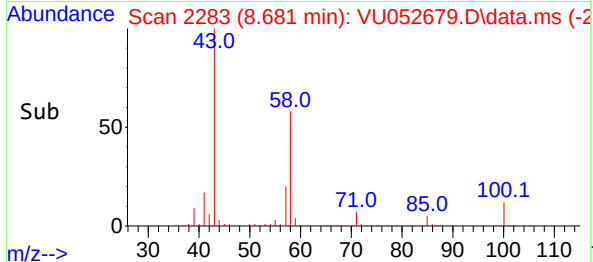
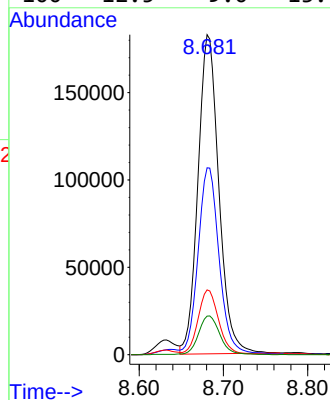
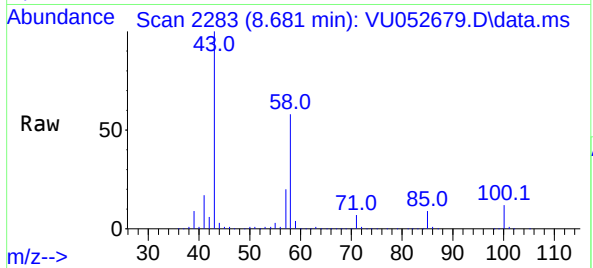




#48
2-Hexanone
Concen: 49.613 ug/L
RT: 8.681 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VU052679.D
Acq: 13 Jan 2023 20:31

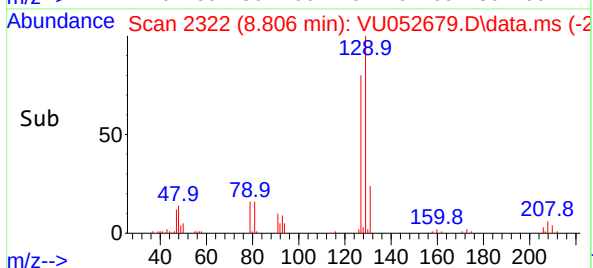
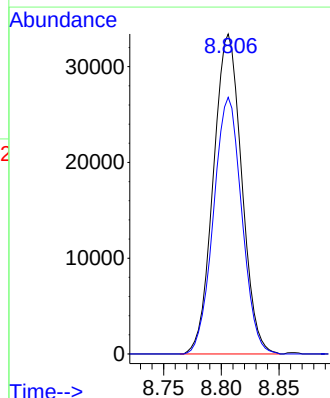
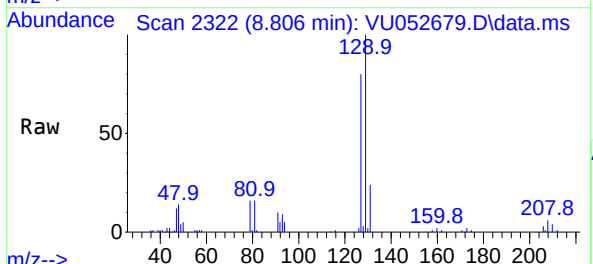
Instrument :
MSVOA_U
ClientSampleId :
BH1Z2

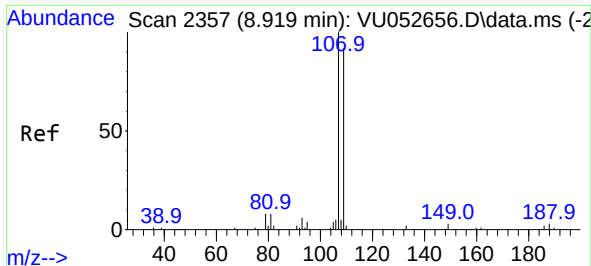
Tgt Ion: 43 Resp: 315110
Ion Ratio Lower Upper
43 100
58 59.3 45.1 67.7
57 20.1 15.1 22.7
100 12.5 9.0 13.4



#49
Dibromochloromethane
Concen: 5.169 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VU052679.D
Acq: 13 Jan 2023 20:31

Tgt Ion: 129 Resp: 57010
Ion Ratio Lower Upper
129 100
127 80.2 53.5 99.5

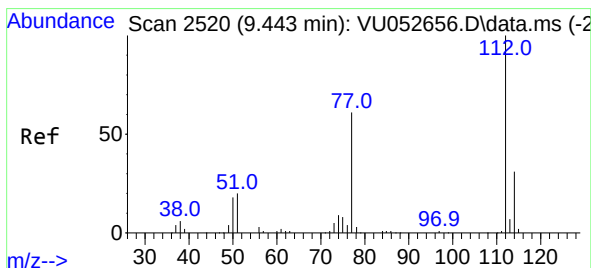
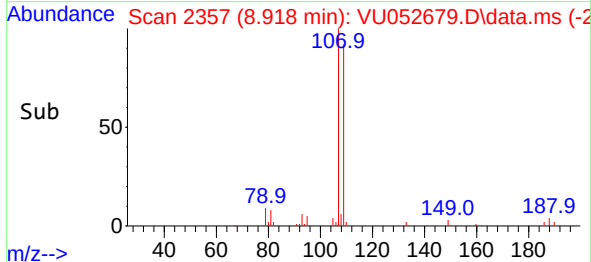
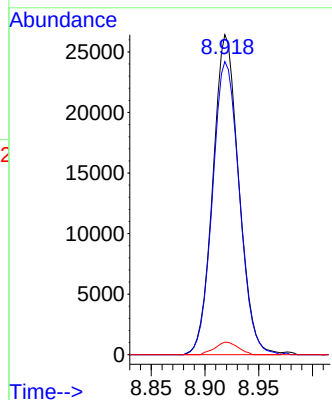
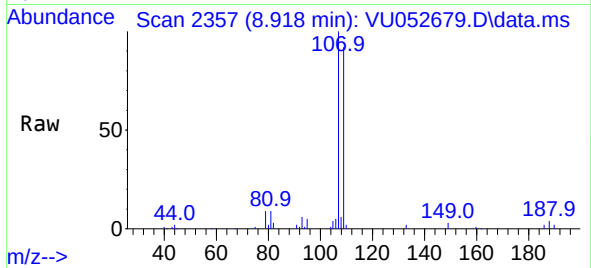




#50
1,2-Dibromoethane
Concen: 5.067 ug/L
RT: 8.918 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052679.D
Acq: 13 Jan 2023 20:31

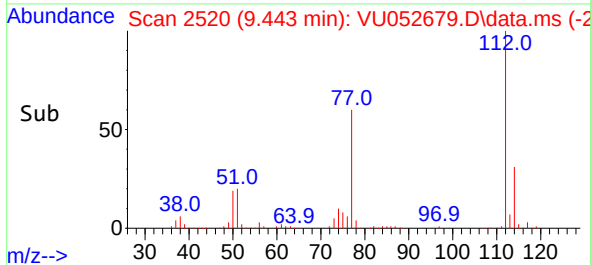
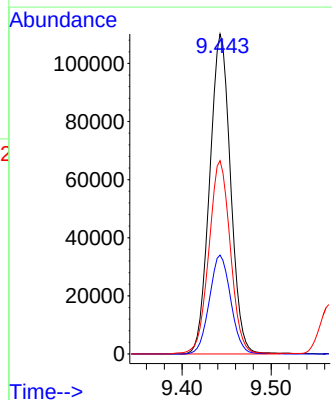
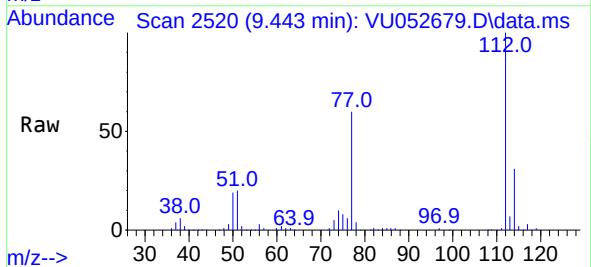
Instrument :
MSVOA_U
ClientSampleId :
BH1Z2

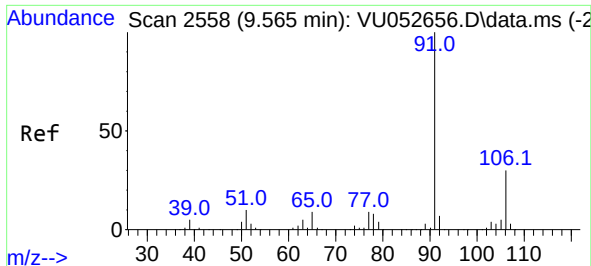
Tgt Ion:107 Resp: 44438
Ion Ratio Lower Upper
107 100
109 91.6 65.3 121.3
188 3.9 2.4 3.6#



#51
Chlorobenzene
Concen: 5.108 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU052679.D
Acq: 13 Jan 2023 20:31

Tgt Ion:112 Resp: 179139
Ion Ratio Lower Upper
112 100
114 30.9 22.8 42.4
77 60.4 50.2 75.4

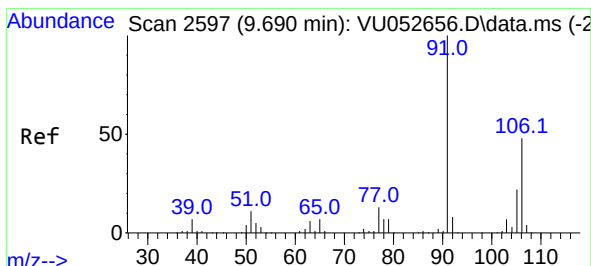
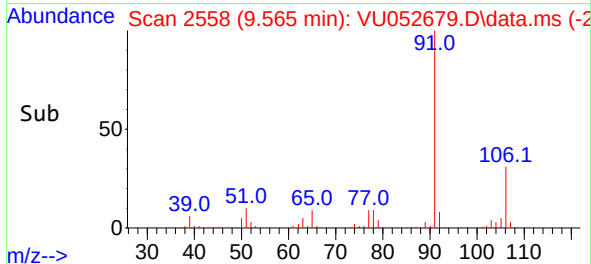
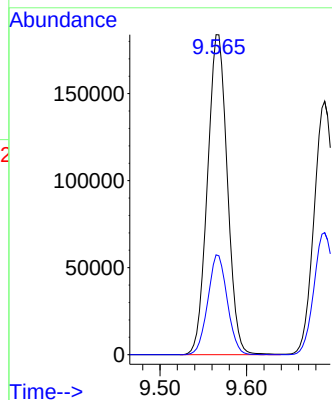
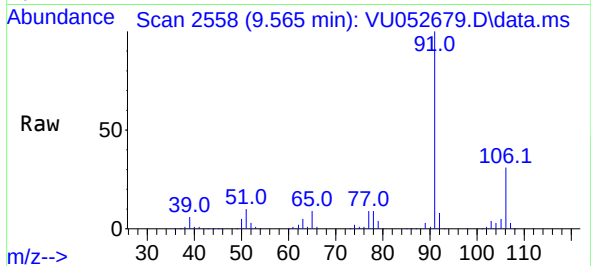




#52
Ethylbenzene
Concen: 5.109 ug/L
RT: 9.565 min Scan# 2558
Delta R.T. -0.000 min
Lab File: VU052679.D
Acq: 13 Jan 2023 20:31

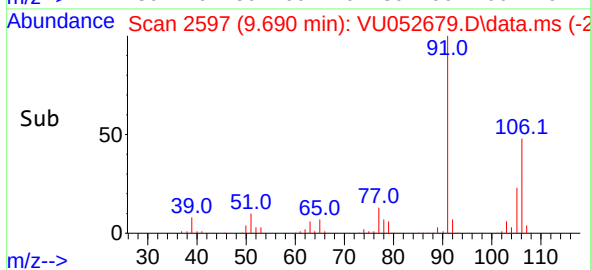
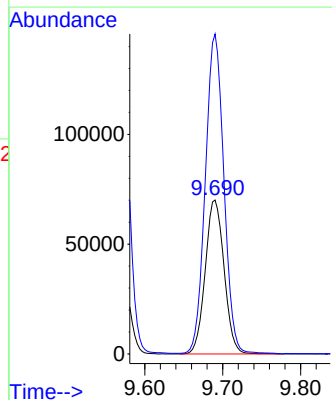
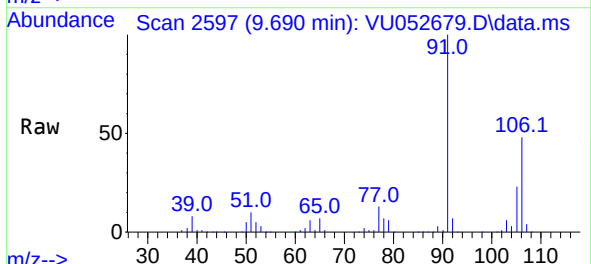
Instrument :
MSVOA_U
ClientSampleId :
BH1Z2

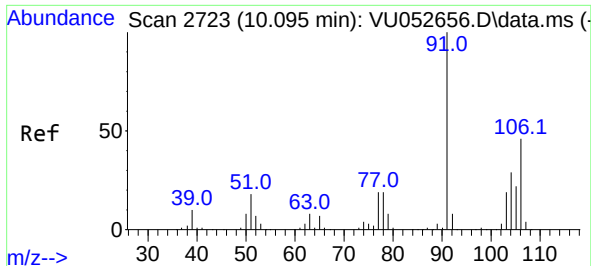
Tgt Ion: 91 Resp: 292991
Ion Ratio Lower Upper
91 100
106 31.2 21.1 39.3



#53
m,p-Xylene
Concen: 5.422 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU052679.D
Acq: 13 Jan 2023 20:31

Tgt Ion: 106 Resp: 117789
Ion Ratio Lower Upper
106 100
91 207.8 144.3 267.9

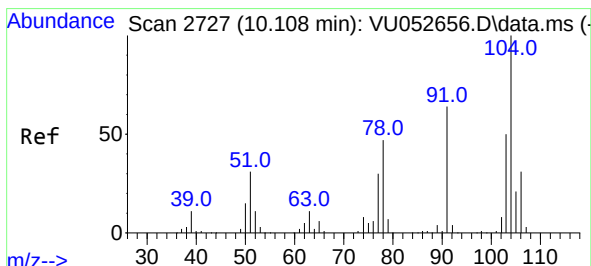
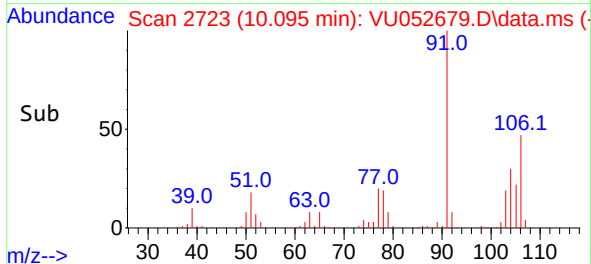
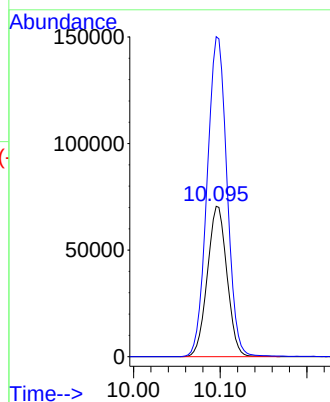
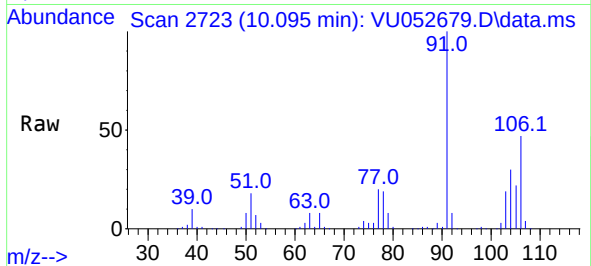




#54
o-Xylene
Concen: 5.342 ug/L
RT: 10.095 min Scan# 2723
Delta R.T. -0.000 min
Lab File: VU052679.D
Acq: 13 Jan 2023 20:31

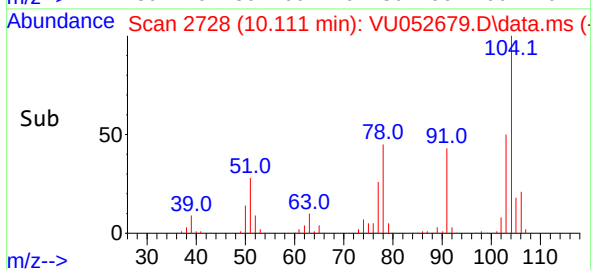
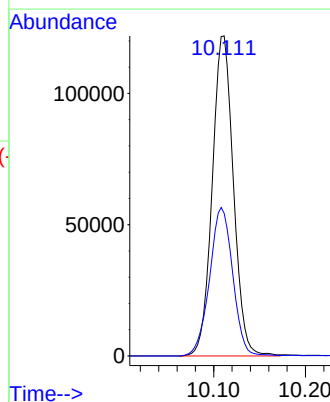
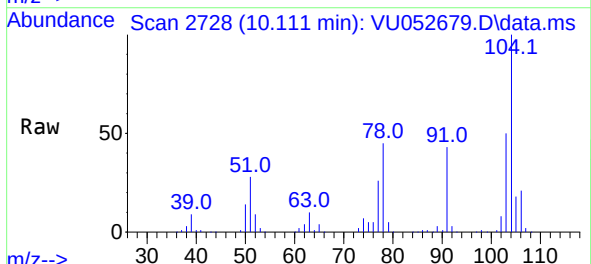
Instrument :
MSVOA_U
ClientSampleId :
BH1Z2

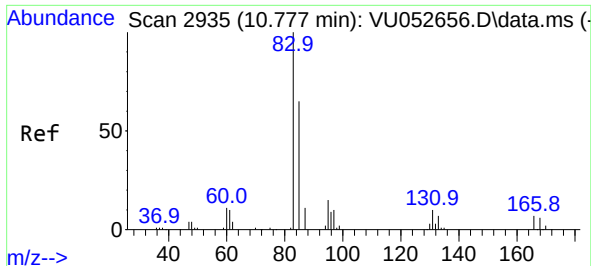
Tgt Ion:106 Resp: 110959
Ion Ratio Lower Upper
106 100
91 212.8 148.7 276.1



#55
Styrene
Concen: 5.528 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU052679.D
Acq: 13 Jan 2023 20:31

Tgt Ion:104 Resp: 195851
Ion Ratio Lower Upper
104 100
78 44.6 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 5.002 ug/L

RT: 10.777 min Scan# 2935

Delta R.T. -0.000 min

Lab File: VU052679.D

Acq: 13 Jan 2023 20:31

Instrument :

MSVOA_U

ClientSampleId :

BH1Z2

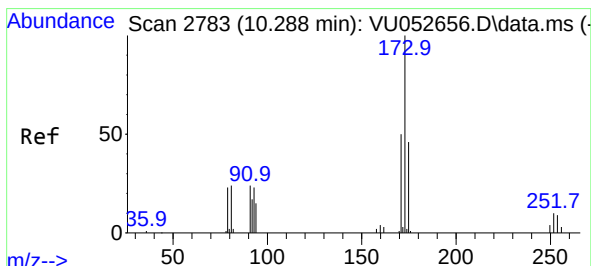
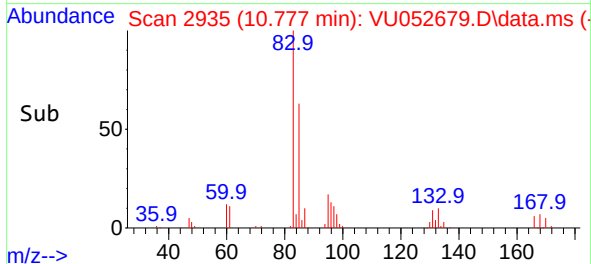
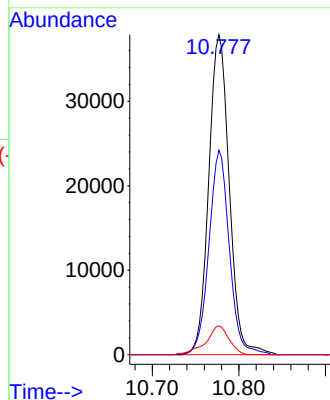
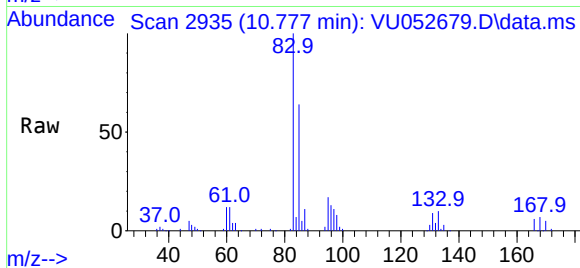
Tgt Ion: 83 Resp: 62341

Ion Ratio Lower Upper

83 100

85 63.9 43.7 81.1

131 9.0 7.0 10.6



#59

Bromoform

Concen: 5.158 ug/L

RT: 10.285 min Scan# 2782

Delta R.T. -0.000 min

Lab File: VU052679.D

Acq: 13 Jan 2023 20:31

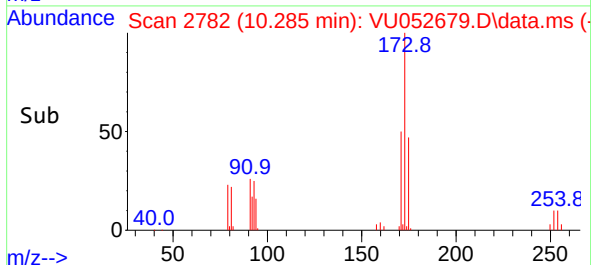
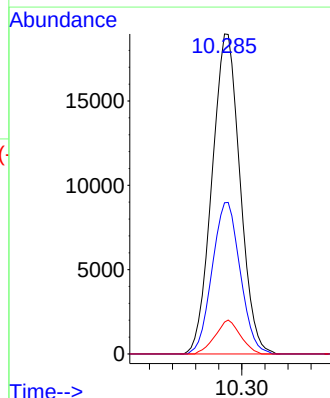
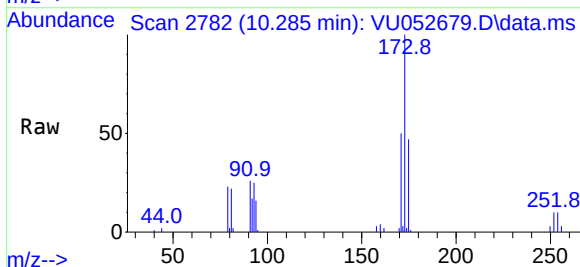
Tgt Ion:173 Resp: 31929

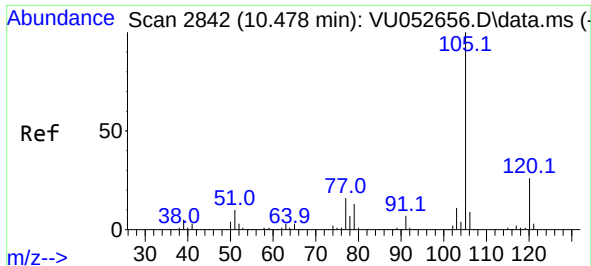
Ion Ratio Lower Upper

173 100

175 47.4 38.2 57.4

254 9.5 7.3 10.9

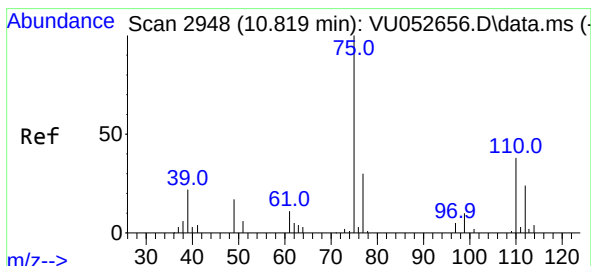
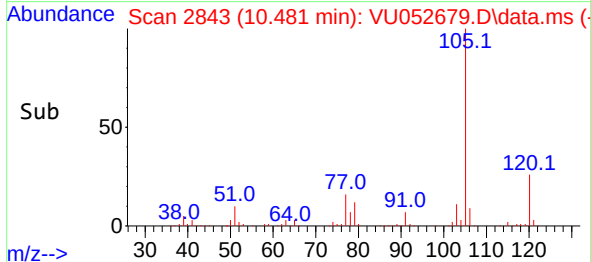
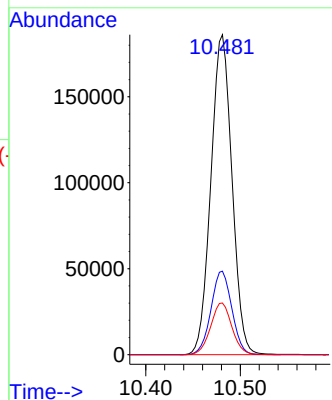
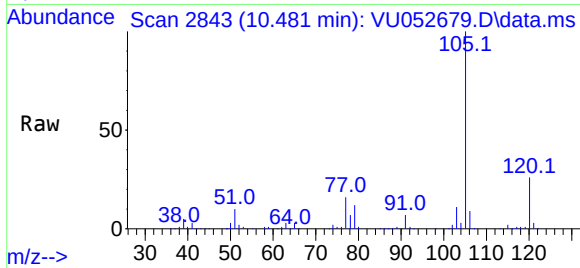




#60
Isopropylbenzene
Concen: 5.110 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU052679.D
Acq: 13 Jan 2023 20:31

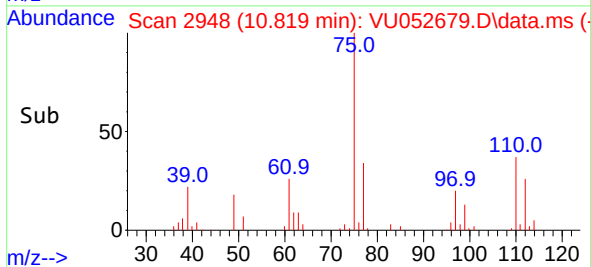
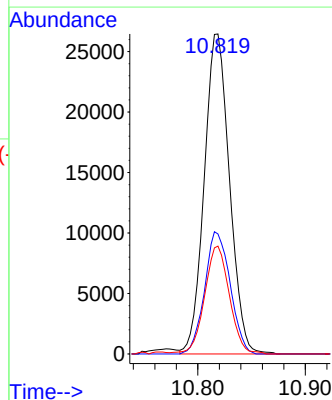
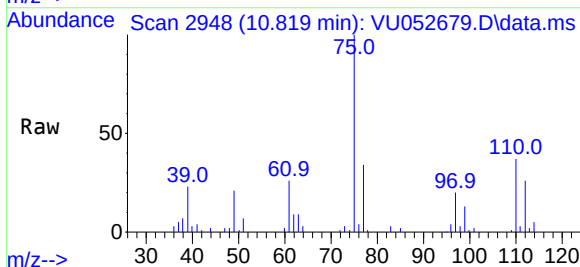
Instrument :
MSVOA_U
ClientSampleId :
BH1Z2

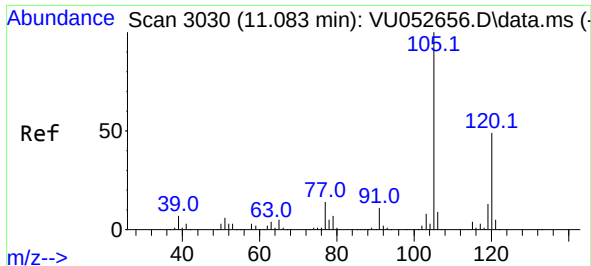
Tgt Ion:105 Resp: 288329
Ion Ratio Lower Upper
105 100
120 25.9 20.4 30.6
77 16.3 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 4.671 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.000 min
Lab File: VU052679.D
Acq: 13 Jan 2023 20:31

Tgt Ion: 75 Resp: 43218
Ion Ratio Lower Upper
75 100
110 38.5 27.2 40.8
77 33.1 24.0 36.0

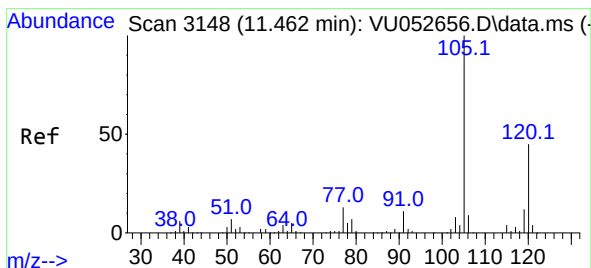
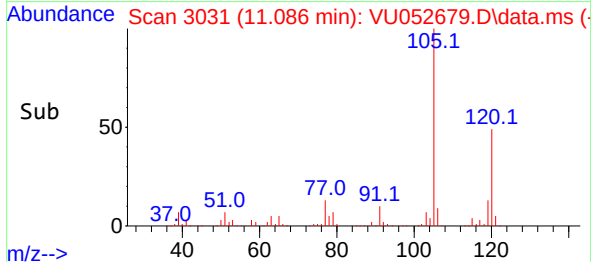
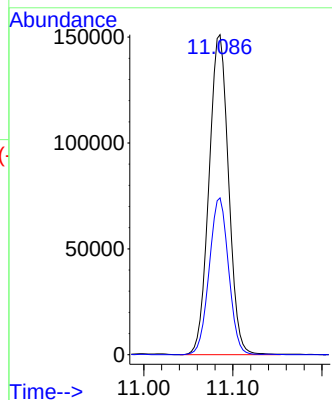
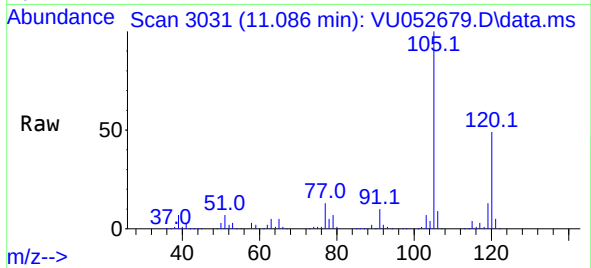




#62
1,3,5-Trimethylbenzene
Concen: 5.117 ug/L
RT: 11.086 min Scan# 3030
Delta R.T. 0.003 min
Lab File: VU052679.D
Acq: 13 Jan 2023 20:31

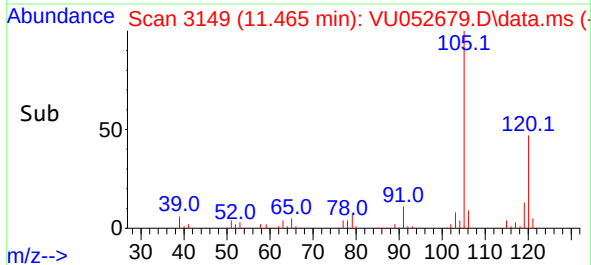
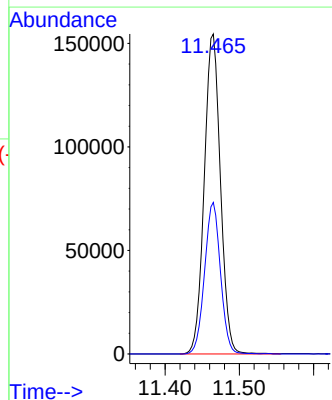
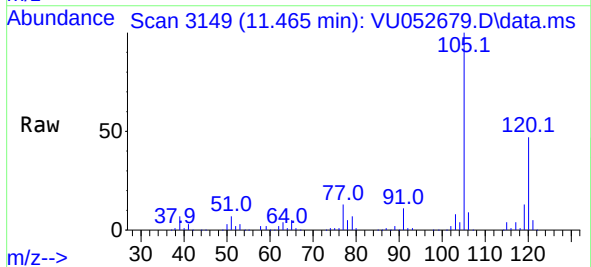
Instrument :
MSVOA_U
ClientSampleId :
BH1Z2

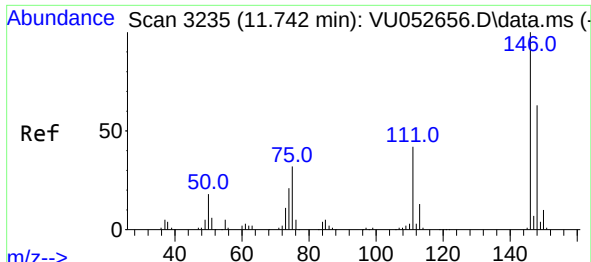
Tgt Ion:105 Resp: 230281
Ion Ratio Lower Upper
105 100
120 48.6 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 5.161 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. 0.003 min
Lab File: VU052679.D
Acq: 13 Jan 2023 20:31

Tgt Ion:105 Resp: 233988
Ion Ratio Lower Upper
105 100
120 46.4 35.9 53.9

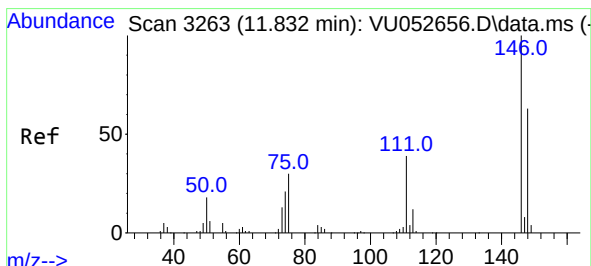
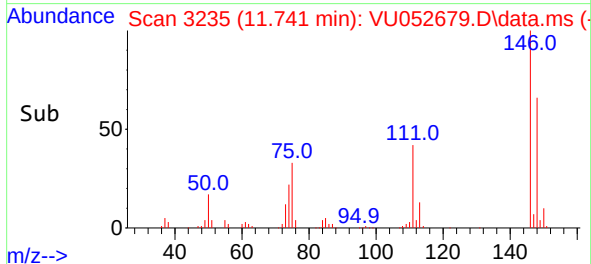
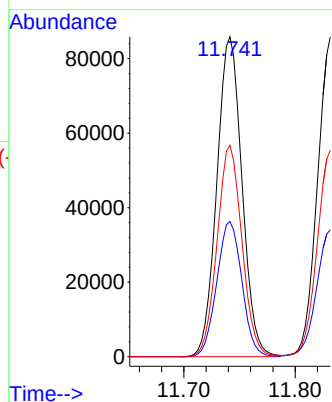
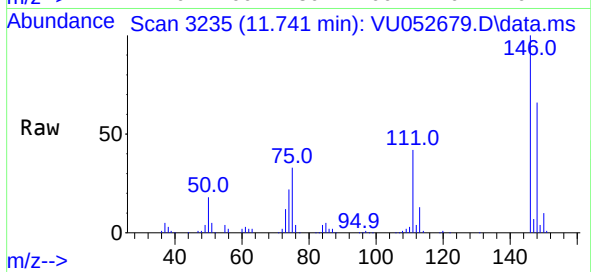




#64
1,3-Dichlorobenzene
Concen: 5.013 ug/L
RT: 11.741 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU052679.D
Acq: 13 Jan 2023 20:31

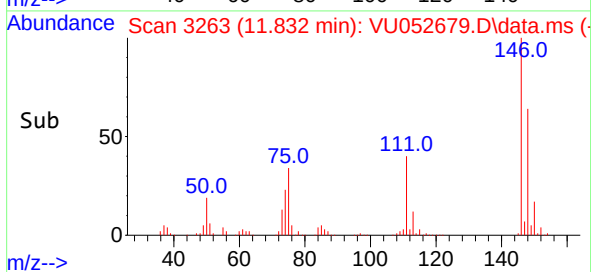
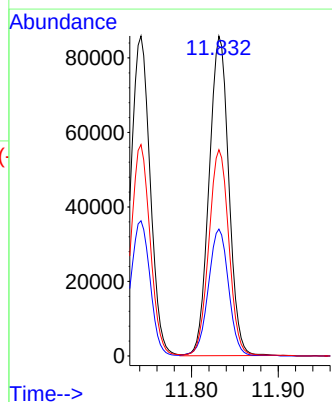
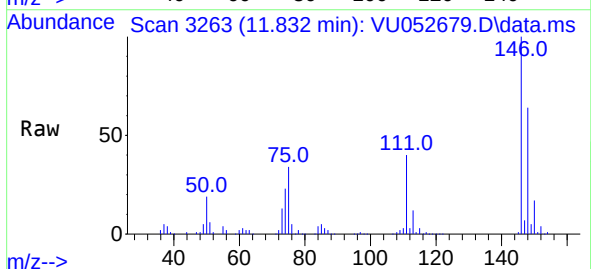
Instrument :
MSVOA_U
ClientSampleId :
BH1Z2

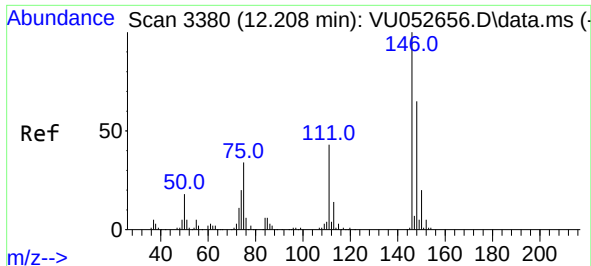
Tgt Ion:146 Resp: 134546
Ion Ratio Lower Upper
146 100
111 42.3 29.4 54.6
148 66.0 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 4.949 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU052679.D
Acq: 13 Jan 2023 20:31

Tgt Ion:146 Resp: 135507
Ion Ratio Lower Upper
146 100
111 39.7 28.1 52.3
148 64.5 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.007 ug/L

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU052679.D

Acq: 13 Jan 2023 20:31

Instrument :

MSVOA_U

ClientSampleId :

BH1Z2

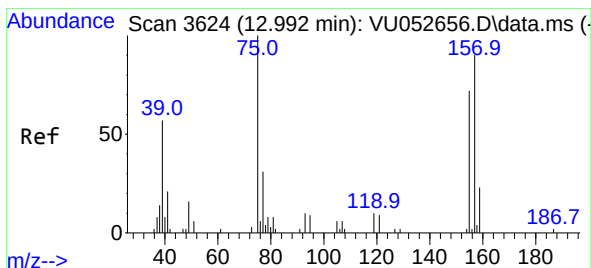
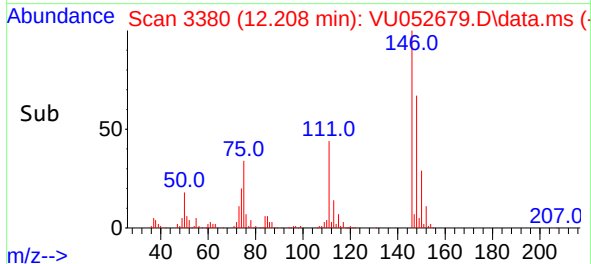
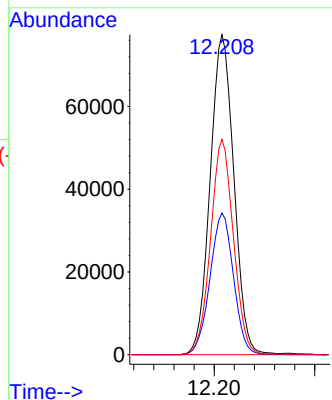
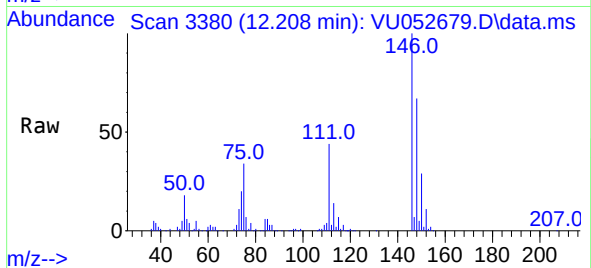
Tgt Ion:146 Resp: 126453

Ion Ratio Lower Upper

146 100

111 44.2 33.8 50.6

148 67.3 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.435 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. 0.003 min

Lab File: VU052679.D

Acq: 13 Jan 2023 20:31

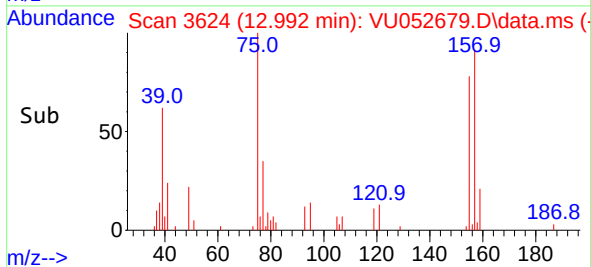
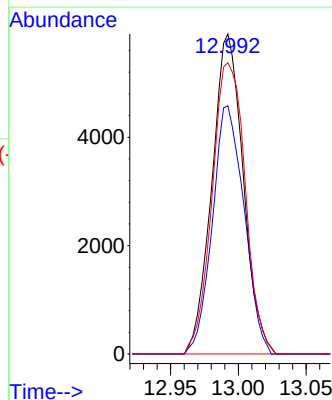
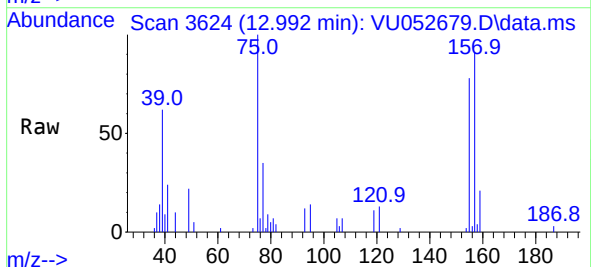
Tgt Ion: 75 Resp: 9464

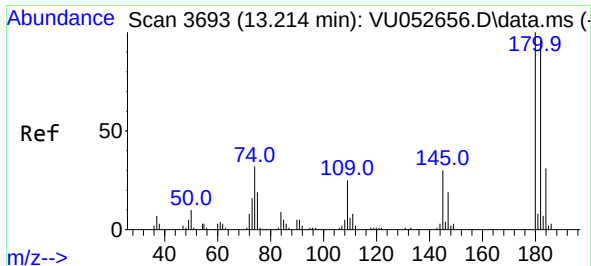
Ion Ratio Lower Upper

75 100

155 77.6 48.0 72.0#

157 91.0 69.3 103.9





#69

1,3,5-Trichlorobenzene

Concen: 4.882 ug/L

RT: 13.214 min Scan# 3693

Delta R.T. -0.000 min

Lab File: VU052679.D

Acq: 13 Jan 2023 20:31

Instrument :

MSVOA_U

ClientSampleId :

BH1Z2

Tgt Ion:180 Resp: 97325

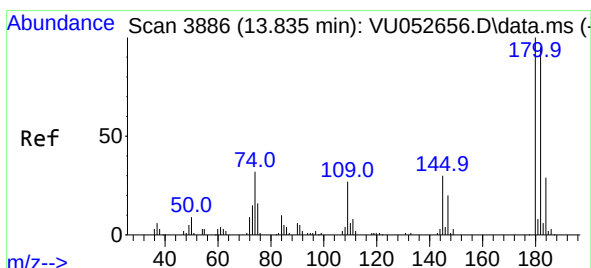
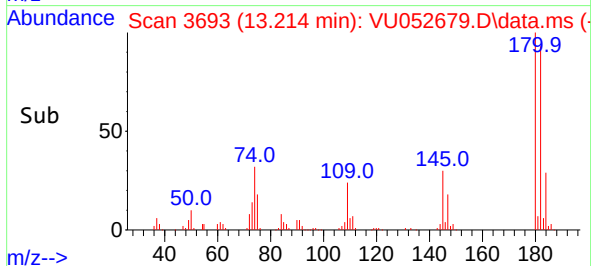
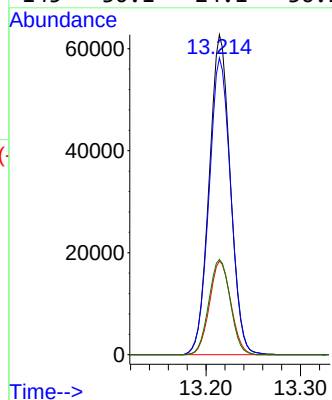
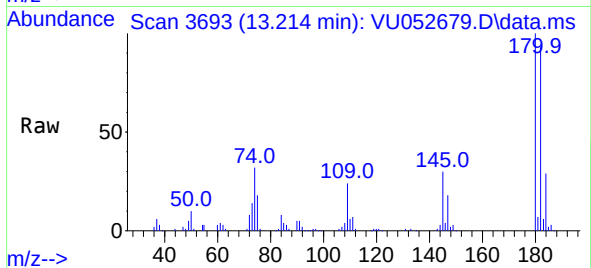
Ion Ratio Lower Upper

180 100

182 95.2 75.1 112.7

184 29.4 23.6 35.4

145 30.1 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 4.824 ug/L

RT: 13.835 min Scan# 3886

Delta R.T. -0.000 min

Lab File: VU052679.D

Acq: 13 Jan 2023 20:31

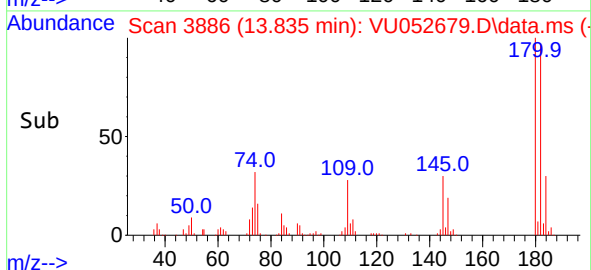
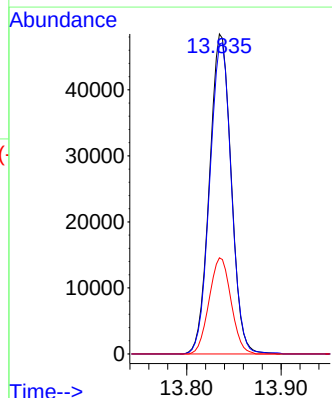
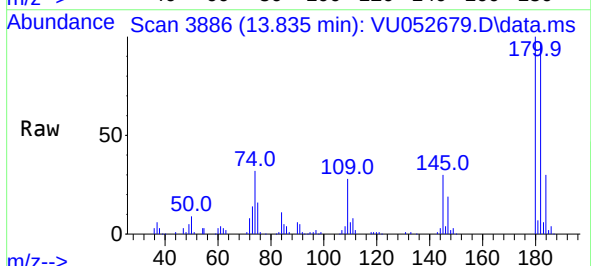
Tgt Ion:180 Resp: 77135

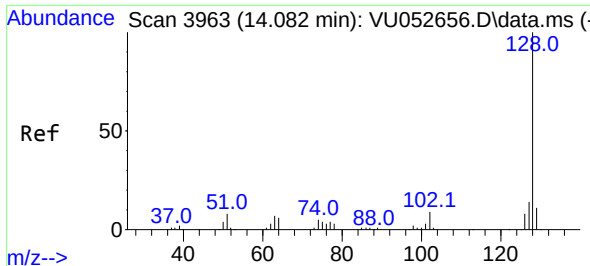
Ion Ratio Lower Upper

180 100

182 97.0 77.5 116.3

145 30.4 25.3 37.9



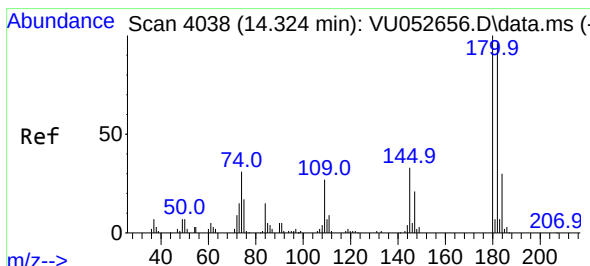
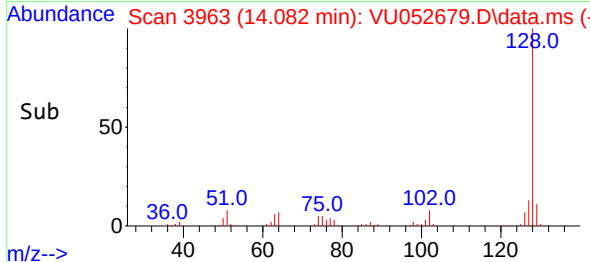
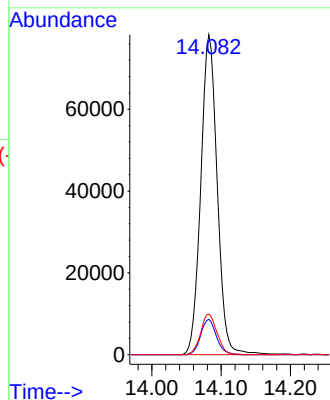
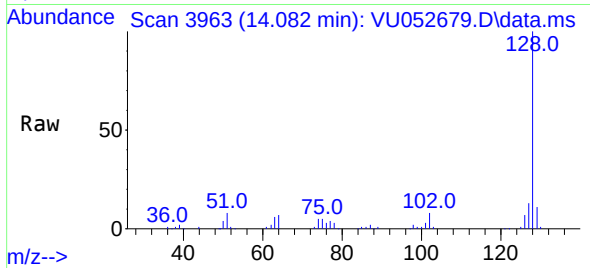


#71
Naphthalene
Concen: 4.638 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. -0.000 min
Lab File: VU052679.D
Acq: 13 Jan 2023 20:31

Instrument :
MSVOA_U
ClientSampleId :
BH1Z2

Tgt Ion:128 Resp: 128759

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.3	12.5
127	12.7	10.8	16.2



#72
1,2,3-Trichlorobenzene
Concen: 5.015 ug/L
RT: 14.323 min Scan# 4038
Delta R.T. -0.000 min
Lab File: VU052679.D
Acq: 13 Jan 2023 20:31

Tgt Ion:180 Resp: 73470

Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.8	113.6
145	32.1	26.5	39.7

