

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062823\
 Data File : VU054673.D
 Acq On : 28 Jun 2023 09:30
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005199

Quant Time: Jun 29 04:36:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 23 23:55:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	305370	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	297100	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	147831	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	100099	5.151	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.000%
7) Chloroethane-d5	1.914	69	84733	4.657	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.563	65	38383	4.422	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.400%
20) 2-Butanone-d5	4.628	46	282159	51.639	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.280%
24) Chloroform-d	5.058	84	181941	4.479	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	5.698	65	87183	4.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	5.724	84	341712	4.138	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
36) 1,2-Dichloropropane-d6	6.689	67	118419	4.294	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.800%
41) Toluene-d8	7.894	98	304667	4.157	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	8.177	79	45020	4.694	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.631	63	194520	48.341	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.680%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	93878	4.564	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	105514	4.232	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	112277	3.935	ug/L	99
3) Chloromethane	1.522	50	138009	4.210	ug/L	99
5) Vinyl chloride	1.605	62	145149	4.314	ug/L	99
6) Bromomethane	1.859	94	76923	4.159	ug/L	97
8) Chloroethane	1.933	64	89178	4.422	ug/L	100
9) Trichlorofluoromethane	2.136	101	186392	4.507	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	114139	4.717	ug/L	97
12) 1,1-Dichloroethene	2.579	96	98088	4.429	ug/L	92
13) Acetone	2.637	43	310480	60.265	ug/L	99
14) Carbon disulfide	2.792	76	248415	3.782	ug/L	100
15) Methyl Acetate	2.952	43	54184	5.676	ug/L	97
16) Methylene chloride	3.046	84	124449	3.996	ug/L	94
17) Methyl tert-butyl Ether	3.361	73	271944	4.974	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	99774	4.363	ug/L	96
19) 1,1-Dichloroethane	3.866	63	238549	5.041	ug/L	98
21) 2-Butanone	4.705	43	399099	59.690	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	123102	4.727	ug/L	99
23) Bromochloromethane	4.972	128	51323	4.736	ug/L	96
25) Chloroform	5.084	83	233586	5.007	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062823\
 Data File : VU054673.D
 Acq On : 28 Jun 2023 09:30
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

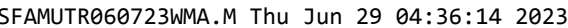
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005199

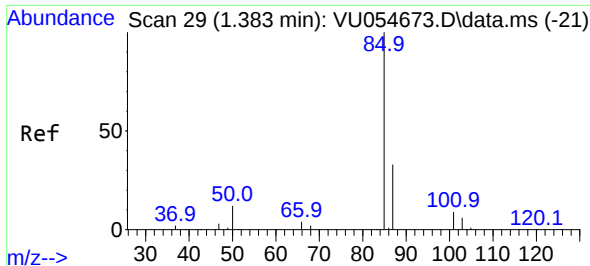
Quant Time: Jun 29 04:36:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 23 23:55:46 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	142190	5.199	ug/L	96
29) 1,1,1-Trichloroethane	5.312	97	190940	4.739	ug/L	98
30) Cyclohexane	5.386	56	180714	4.118	ug/L	98
31) Carbon tetrachloride	5.521	117	159754	4.602	ug/L	100
33) Benzene	5.772	78	480199	4.497	ug/L	100
34) Trichloroethene	6.541	95	120630	4.272	ug/L	93
35) Methylcyclohexane	6.759	83	171055	4.008	ug/L	96
37) 1,2-Dichloropropane	6.785	63	140415	4.864	ug/L	99
38) Bromodichloromethane	7.100	83	165587	5.067	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	194324	4.930	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	879298	57.072	ug/L	97
42) Toluene	7.965	91	517580	4.707	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	161646	5.053	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	94564	5.149	ug/L	99
47) Tetrachloroethene	8.550	164	88064	4.075	ug/L	98
48) 2-Hexanone	8.682	43	665142	57.941	ug/L	97
49) Dibromochloromethane	8.804	129	100384	5.205	ug/L	98
50) 1,2-Dibromoethane	8.920	107	84184	4.993	ug/L	97
51) Chlorobenzene	9.444	112	314126	4.583	ug/L	97
52) Ethylbenzene	9.566	91	544689	4.536	ug/L	99
53) m,p-Xylene	9.692	106	201668	4.571	ug/L	99
54) o-Xylene	10.097	106	197259	4.624	ug/L	99
55) Styrene	10.110	104	342424	4.782	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	126629	5.428	ug/L	99
59) Bromoform	10.287	173	61271	5.773	ug/L	99
60) Isopropylbenzene	10.479	105	538512	4.980	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	83014	5.556	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	425144	4.818	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	435478	4.859	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	251159	4.969	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	245578	4.841	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	235091	5.057	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	19511	5.943	ug/L	95
69) 1,3,5-Trichlorobenzene	13.216	180	183837	4.820	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	148463	4.707	ug/L	99
71) Naphthalene	14.084	128	226410	4.415	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	128772	4.753	ug/L	99

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

Quant Time: Jun 29 04:36:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jun 23 23:55:46 2023
Response via : Initial Calibration

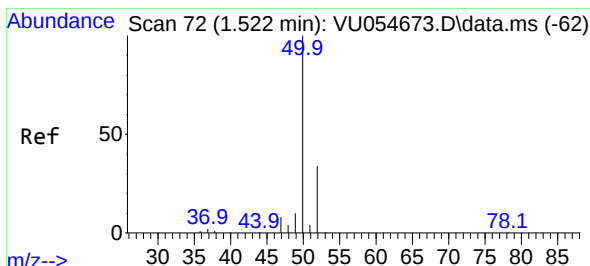
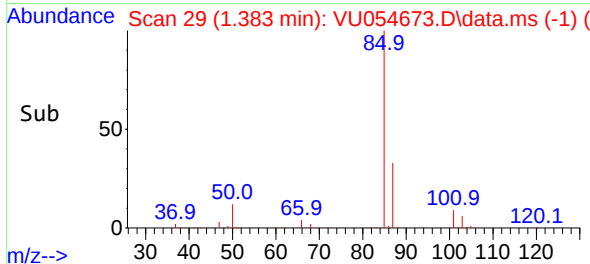
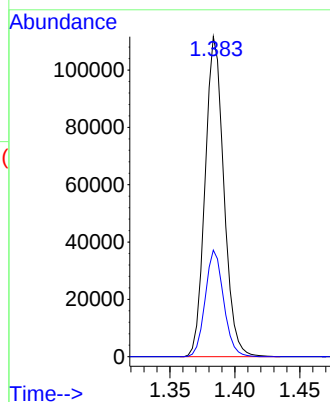
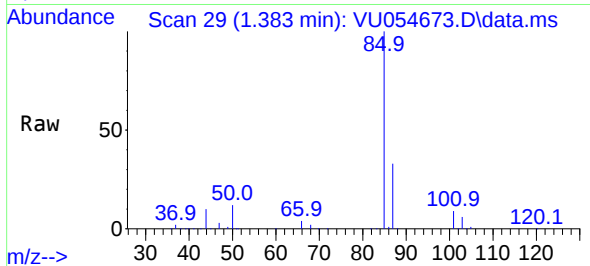




#2
 Dichlorodifluoromethane
 Concen: 3.935 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU054673.D
 Acq: 28 Jun 2023 09:30

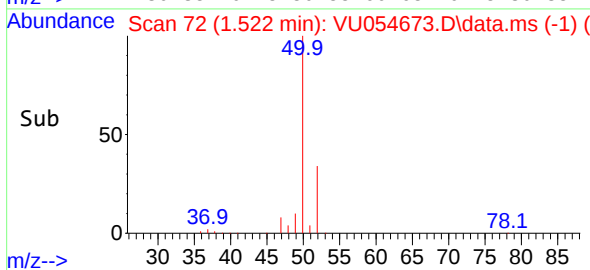
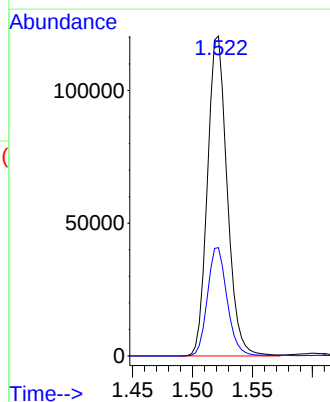
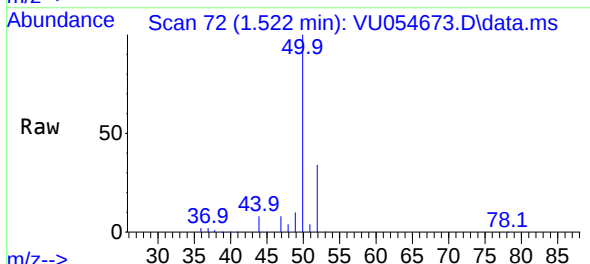
Instrument : MSVOA_U
 ClientSampleId : VSTD005199

Tgt Ion: 85 Resp: 112277
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.4 38.2

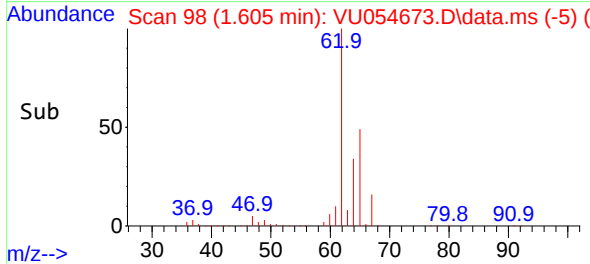
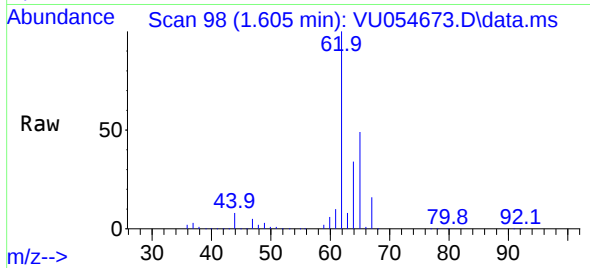
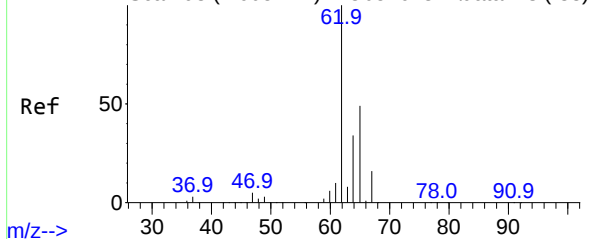


#3
 Chloromethane
 Concen: 4.210 ug/L
 RT: 1.522 min Scan# 72
 Delta R.T. 0.000 min
 Lab File: VU054673.D
 Acq: 28 Jun 2023 09:30

Tgt Ion: 50 Resp: 138009
 Ion Ratio Lower Upper
 50 100
 52 33.9 23.4 43.4



Abundance Scan 98 (1.605 min): VU054673.D\data.ms (-88)



#5

Vinyl chloride

Concen: 4.314 ug/L

RT: 1.605 min Scan# 98

Delta R.T. 0.000 min

Lab File: VU054673.D

Acq: 28 Jun 2023 09:30

Instrument :

MSVOA_U

ClientSampleId :

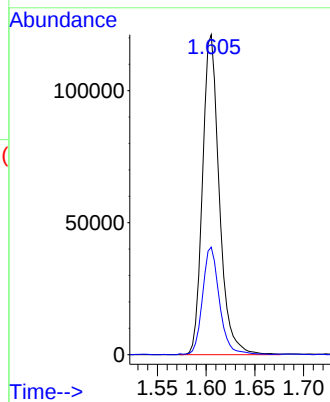
VSTD005199

Tgt Ion: 62 Resp: 145149

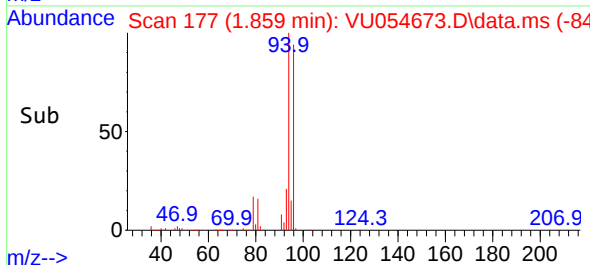
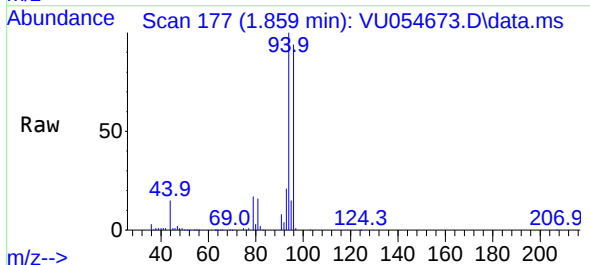
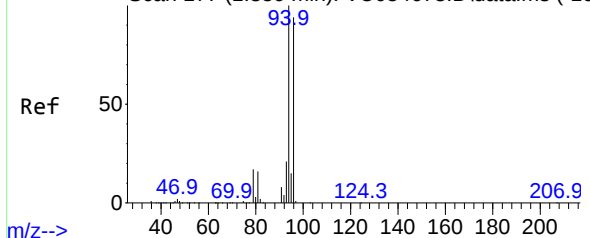
Ion Ratio Lower Upper

62 100

64 33.6 23.0 42.6



Abundance Scan 177 (1.859 min): VU054673.D\data.ms (-16)



#6

Bromomethane

Concen: 4.159 ug/L

RT: 1.859 min Scan# 177

Delta R.T. 0.000 min

Lab File: VU054673.D

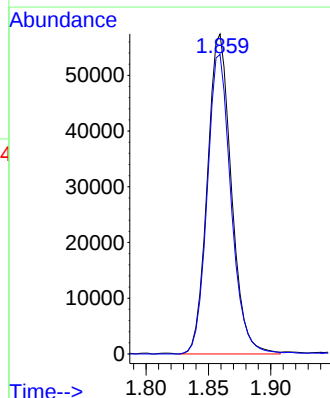
Acq: 28 Jun 2023 09:30

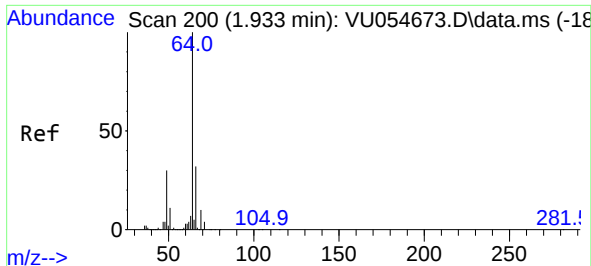
Tgt Ion: 94 Resp: 76923

Ion Ratio Lower Upper

94 100

96 93.6 63.6 118.2

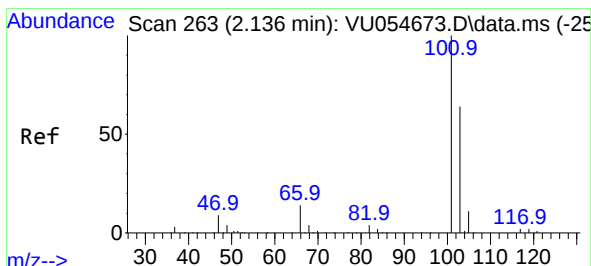
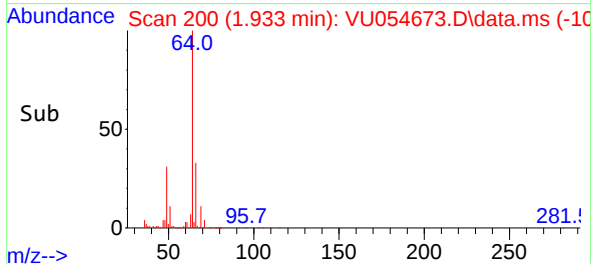
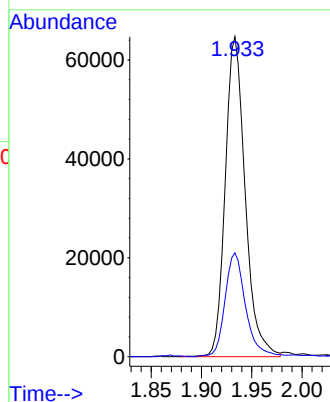
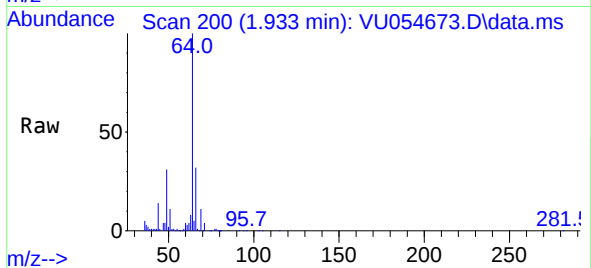




#8
Chloroethane
Concen: 4.422 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.000 min
Lab File: VU054673.D
Acq: 28 Jun 2023 09:30

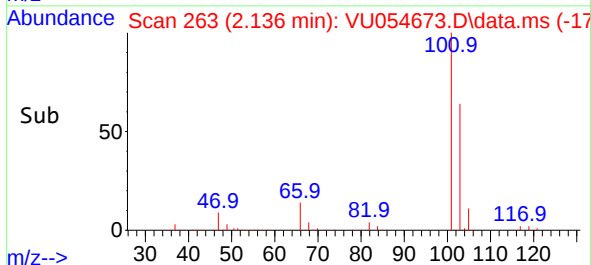
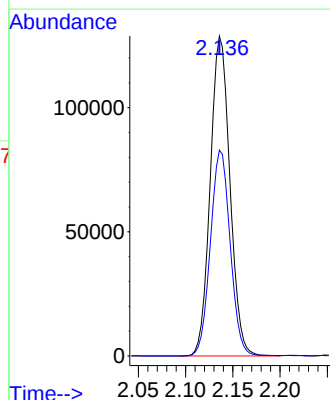
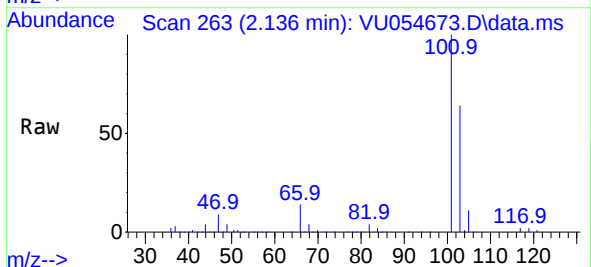
Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

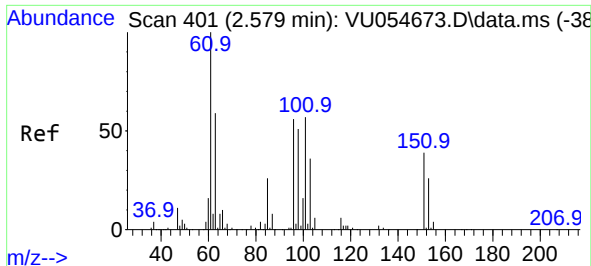
Tgt Ion: 64 Resp: 89178
Ion Ratio Lower Upper
64 100
66 32.5 22.9 42.5



#9
Trichlorofluoromethane
Concen: 4.507 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.000 min
Lab File: VU054673.D
Acq: 28 Jun 2023 09:30

Tgt Ion:101 Resp: 186392
Ion Ratio Lower Upper
101 100
103 64.6 50.6 75.8

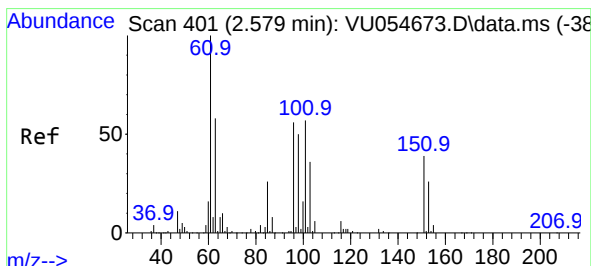
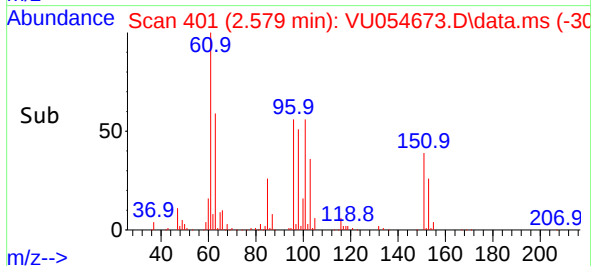
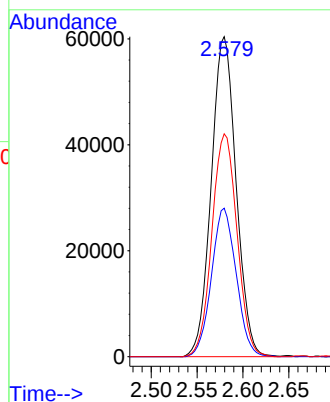
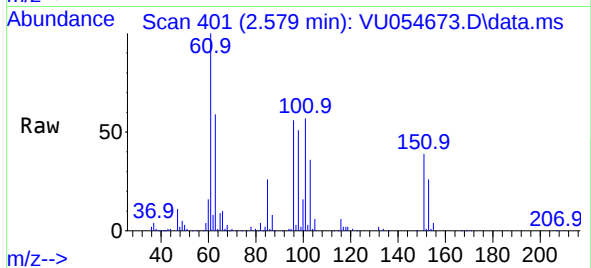




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.717 ug/L
RT: 2.579 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU054673.D
Acq: 28 Jun 2023 09:30

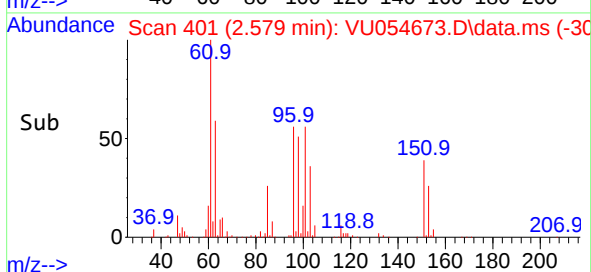
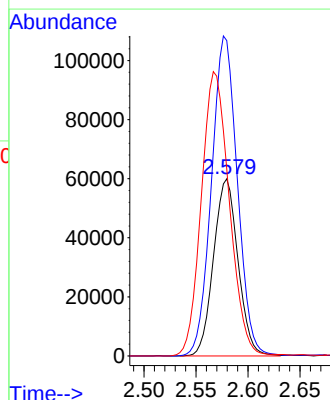
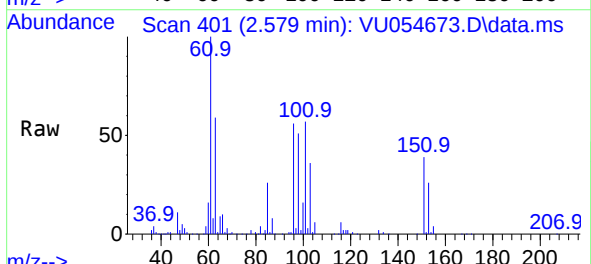
Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

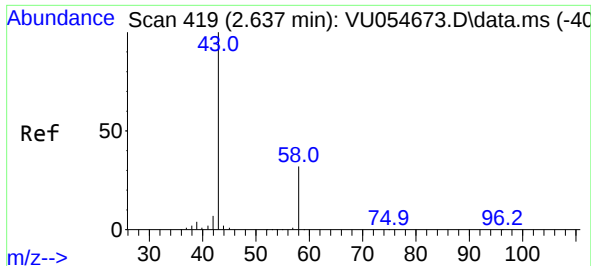
Tgt Ion:101 Resp: 114139
Ion Ratio Lower Upper
101 100
85 46.1 34.6 51.8
151 70.4 57.7 86.5



#12
1,1-Dichloroethene
Concen: 4.429 ug/L
RT: 2.579 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU054673.D
Acq: 28 Jun 2023 09:30

Tgt Ion: 96 Resp: 98088
Ion Ratio Lower Upper
96 100
61 178.0 119.9 222.7
63 105.6 64.3 119.3





#13

Acetone

Concen: 60.265 ug/L

RT: 2.637 min Scan# 419

Delta R.T. -0.003 min

Lab File: VU054673.D

Acq: 28 Jun 2023 09:30

Instrument :

MSVOA_U

ClientSampleId :

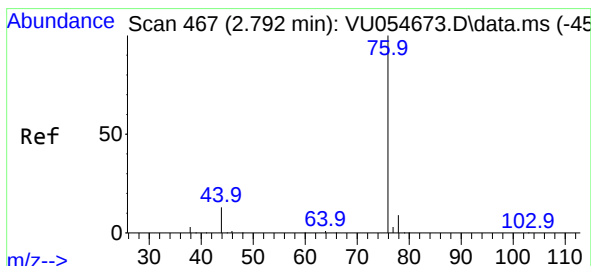
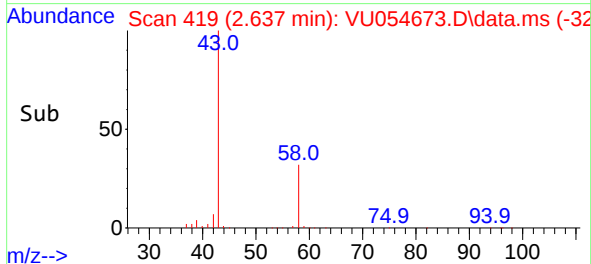
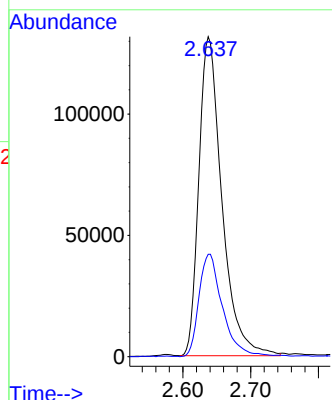
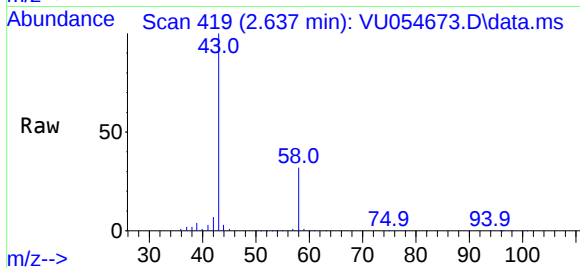
VSTD005199

Tgt Ion: 43 Resp: 310480

Ion Ratio Lower Upper

43 100

58 32.8 0.0 67.2



#14

Carbon disulfide

Concen: 3.782 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.000 min

Lab File: VU054673.D

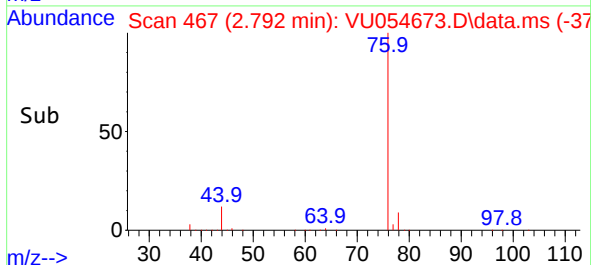
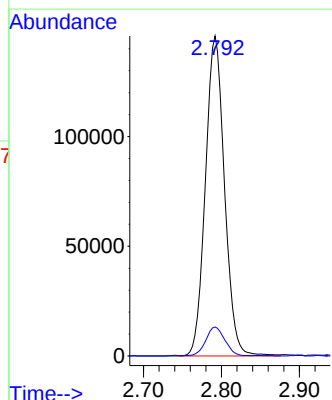
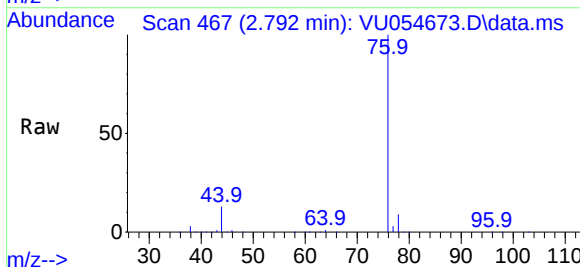
Acq: 28 Jun 2023 09:30

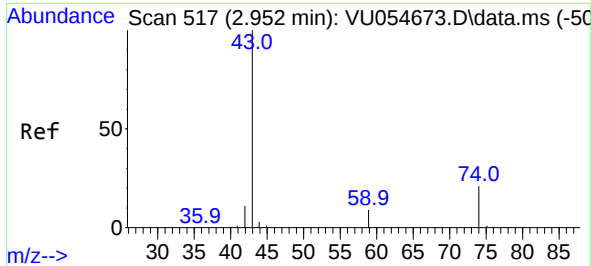
Tgt Ion: 76 Resp: 248415

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

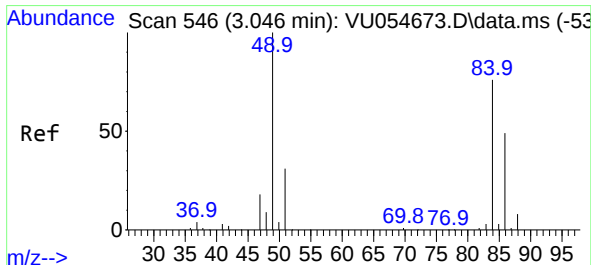
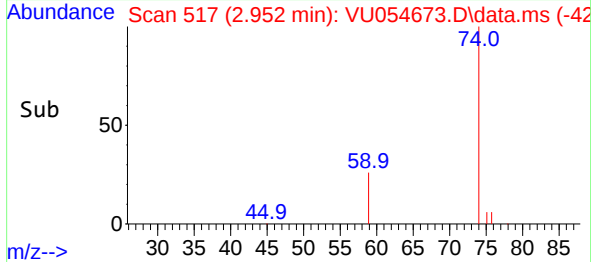
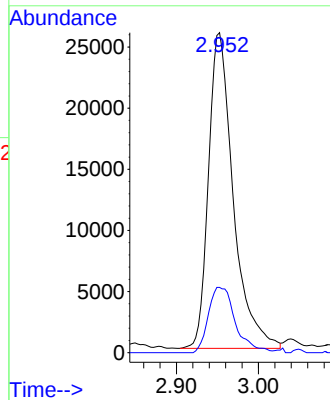
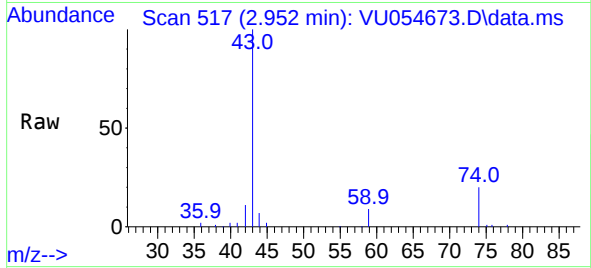




#15
Methyl Acetate
Concen: 5.676 ug/L
RT: 2.952 min Scan# 517
Delta R.T. 0.000 min
Lab File: VU054673.D
Acq: 28 Jun 2023 09:30

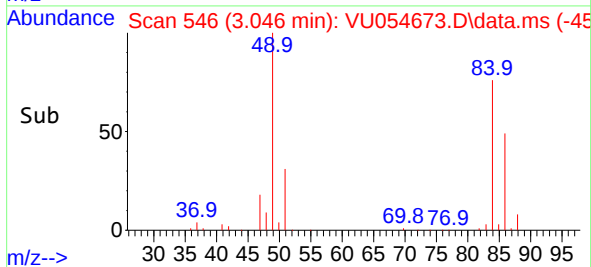
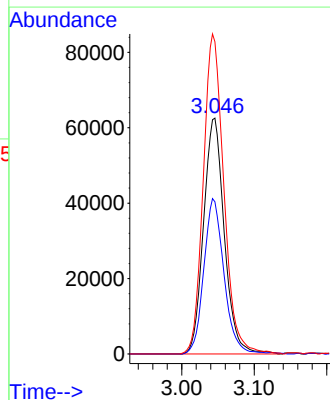
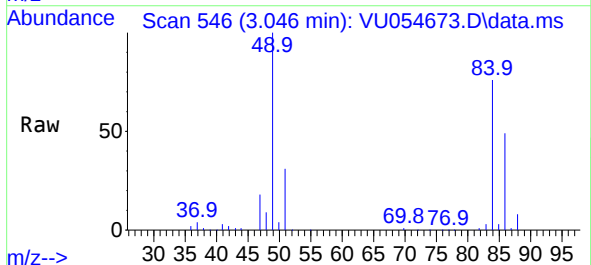
Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

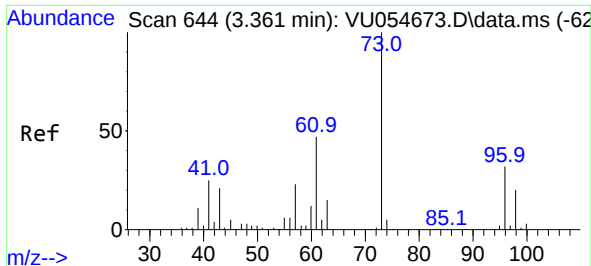
Tgt Ion: 43 Resp: 54184
Ion Ratio Lower Upper
43 100
74 22.5 19.0 28.6



#16
Methylene chloride
Concen: 3.996 ug/L
RT: 3.046 min Scan# 546
Delta R.T. 0.003 min
Lab File: VU054673.D
Acq: 28 Jun 2023 09:30

Tgt Ion: 84 Resp: 124449
Ion Ratio Lower Upper
84 100
86 64.5 43.9 81.5
49 132.4 86.1 159.9

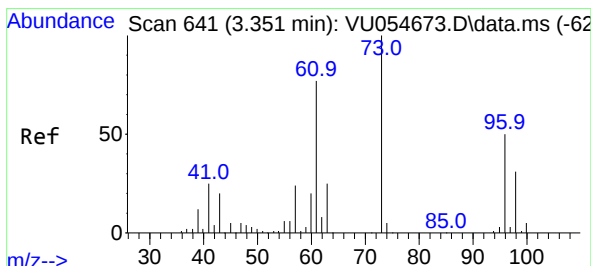
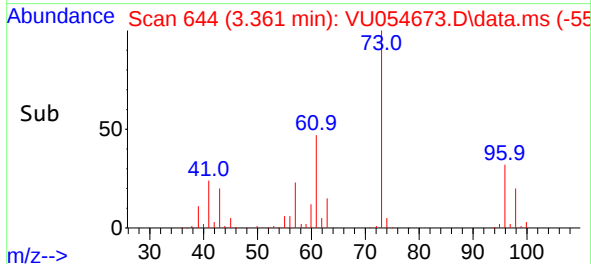
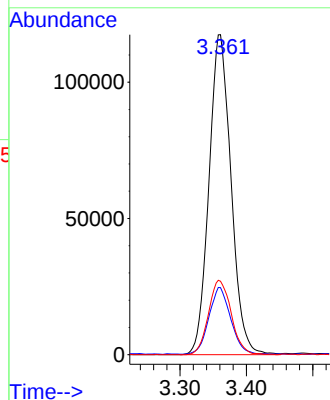
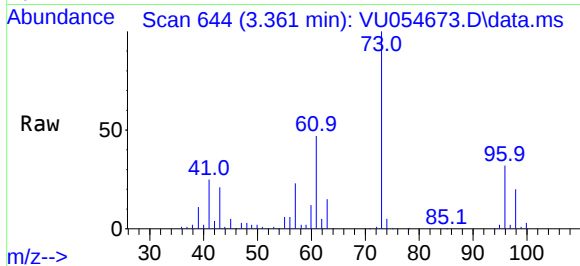




#17
Methyl tert-butyl Ether
Concen: 4.974 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU054673.D
Acq: 28 Jun 2023 09:30

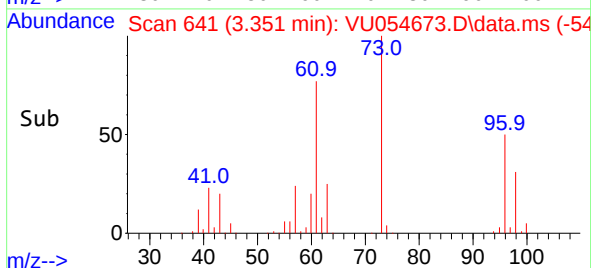
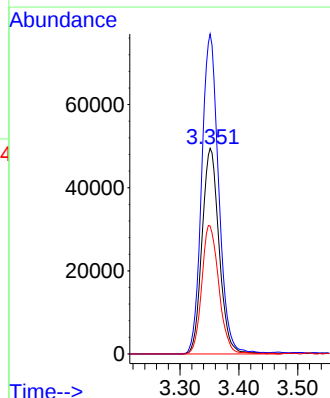
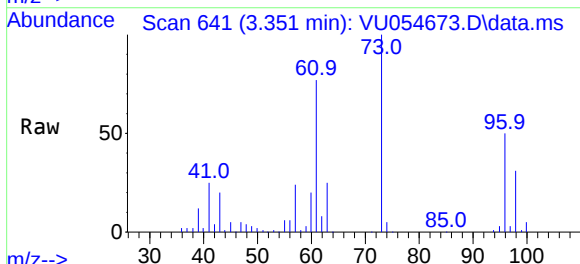
Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

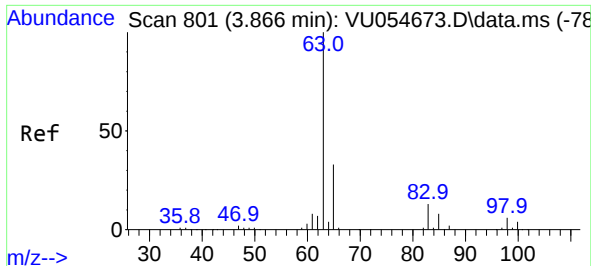
Tgt Ion: 73 Resp: 271944
Ion Ratio Lower Upper
73 100
43 20.6 15.7 23.5
57 23.9 18.6 28.0



#18
trans-1,2-Dichloroethene
Concen: 4.363 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU054673.D
Acq: 28 Jun 2023 09:30

Tgt Ion: 96 Resp: 99774
Ion Ratio Lower Upper
96 100
61 155.7 104.6 194.2
98 62.3 45.4 84.4

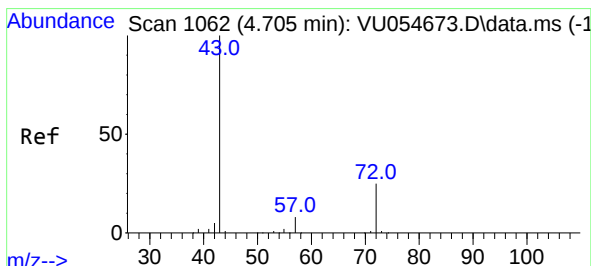
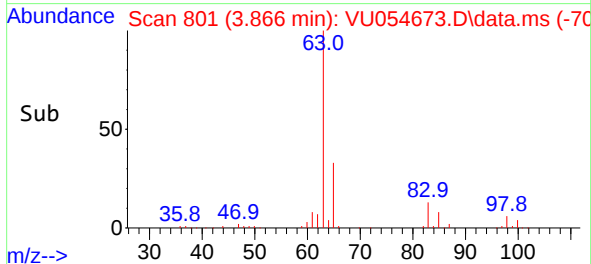
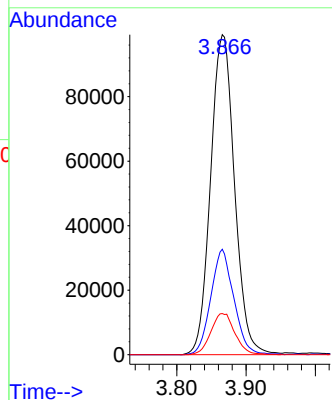
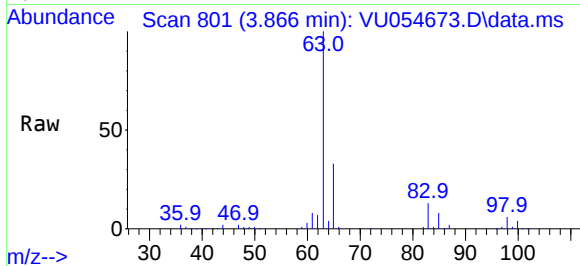




#19
1,1-Dichloroethane
Concen: 5.041 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.000 min
Lab File: VU054673.D
Acq: 28 Jun 2023 09:30

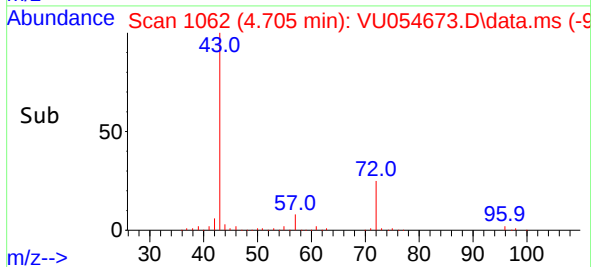
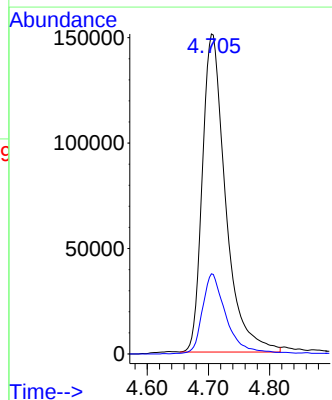
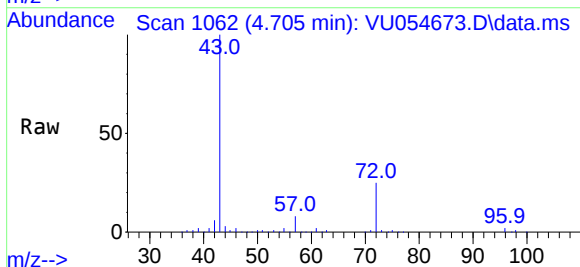
Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

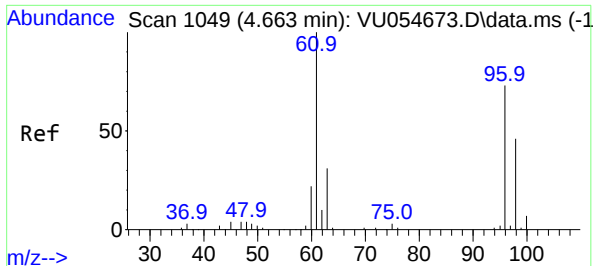
Tgt Ion: 63 Resp: 238549
Ion Ratio Lower Upper
63 100
65 32.9 22.2 41.2
83 12.9 9.0 16.6



#21
2-Butanone
Concen: 59.690 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VU054673.D
Acq: 28 Jun 2023 09:30

Tgt Ion: 43 Resp: 399099
Ion Ratio Lower Upper
43 100
72 25.5 13.4 40.1



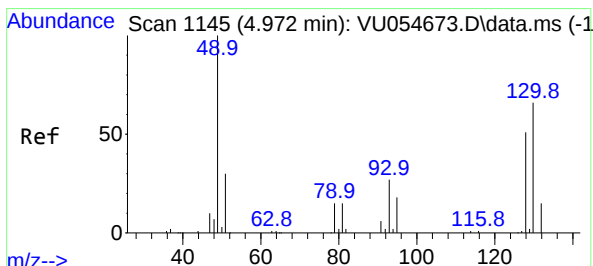
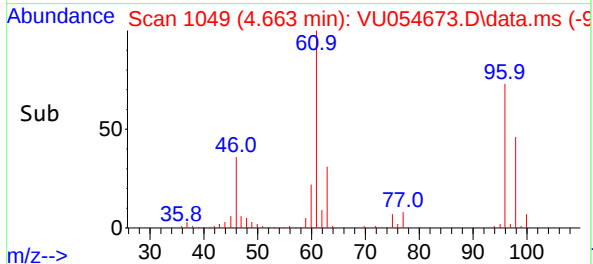
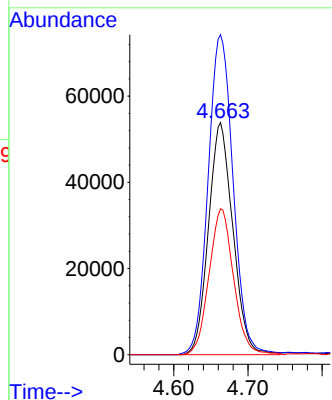
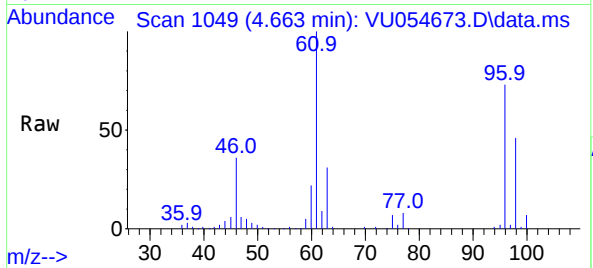


#22
 cis-1,2-Dichloroethene
 Concen: 4.727 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: VU054673.D
 Acq: 28 Jun 2023 09:30

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005199

Tgt Ion: 96 Resp: 123102

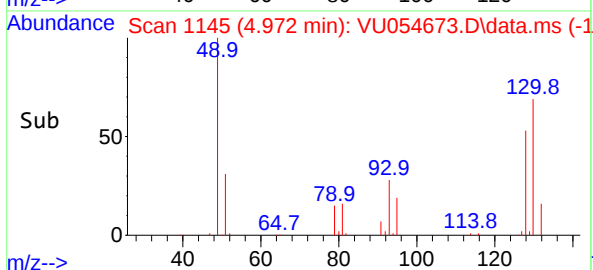
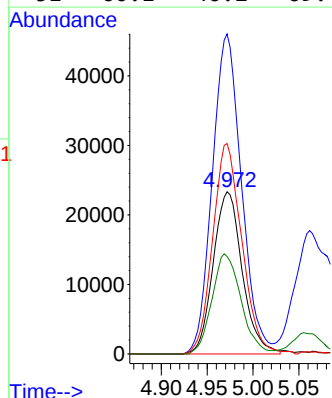
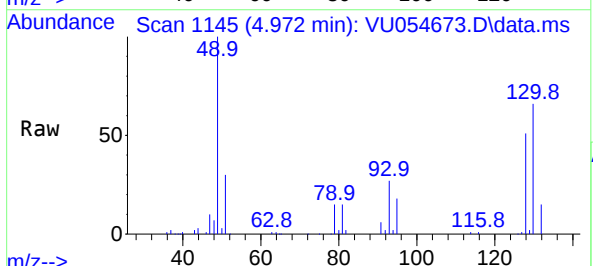
Ion	Ratio	Lower	Upper
96	100		
61	137.8	96.5	179.1
98	62.8	44.9	83.3

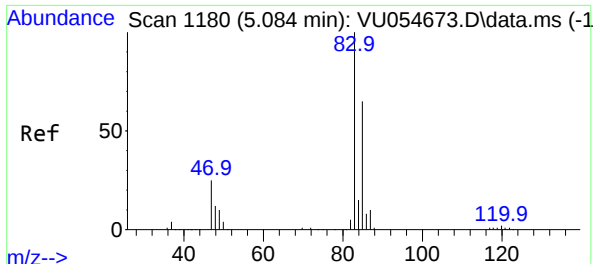


#23
 Bromochloromethane
 Concen: 4.736 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. 0.003 min
 Lab File: VU054673.D
 Acq: 28 Jun 2023 09:30

Tgt Ion: 128 Resp: 51323

Ion	Ratio	Lower	Upper
128	100		
49	197.2	132.1	245.3
130	129.6	91.5	169.9
51	60.1	46.2	69.4

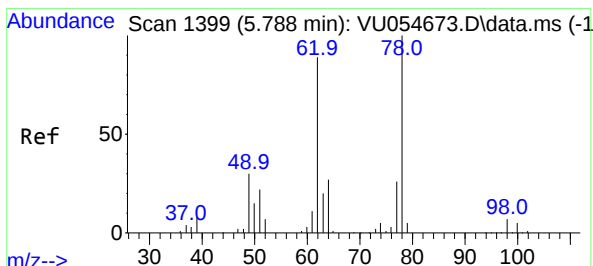
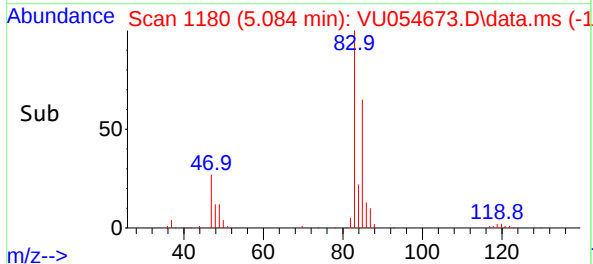
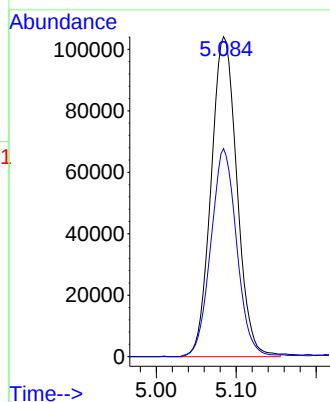
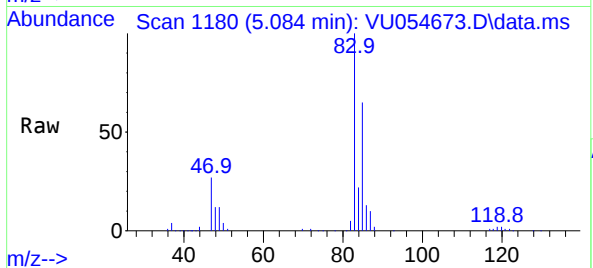




#25
Chloroform
Concen: 5.007 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VU054673.D
Acq: 28 Jun 2023 09:30

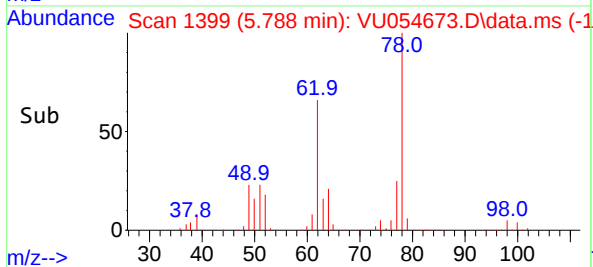
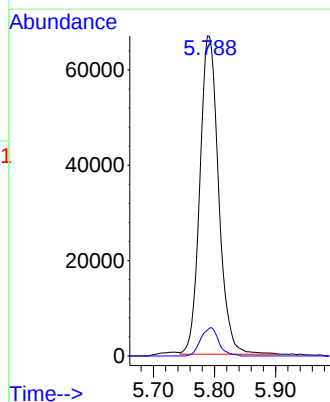
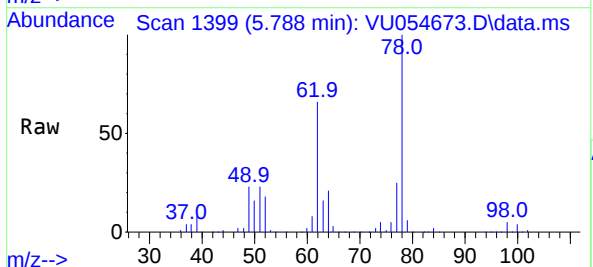
Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

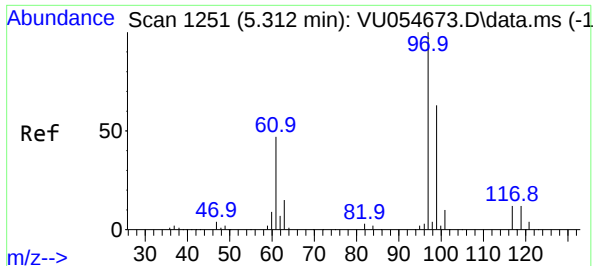
Tgt Ion: 83 Resp: 233586
Ion Ratio Lower Upper
83 100
85 65.0 44.7 82.9



#27
1,2-Dichloroethane
Concen: 5.199 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VU054673.D
Acq: 28 Jun 2023 09:30

Tgt Ion: 62 Resp: 142190
Ion Ratio Lower Upper
62 100
98 8.1 7.8 11.6

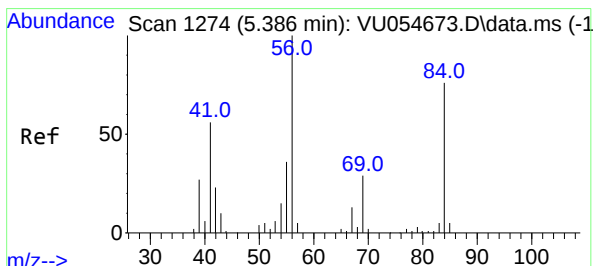
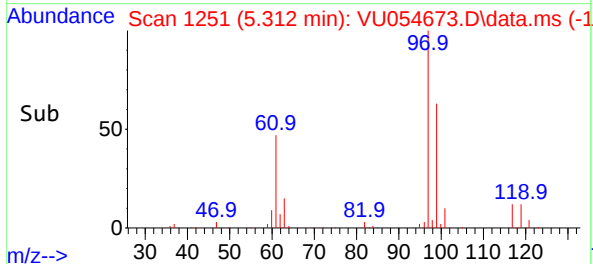
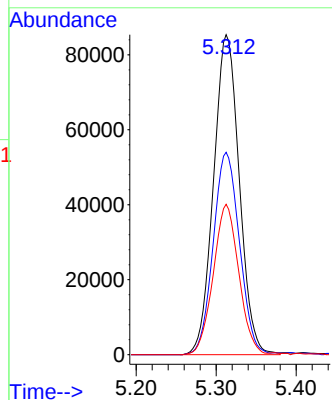
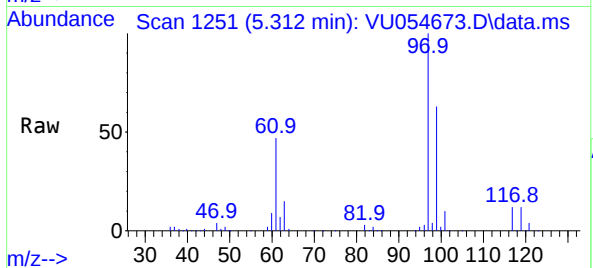




#29
1,1,1-Trichloroethane
Concen: 4.739 ug/L
RT: 5.312 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VU054673.D
Acq: 28 Jun 2023 09:30

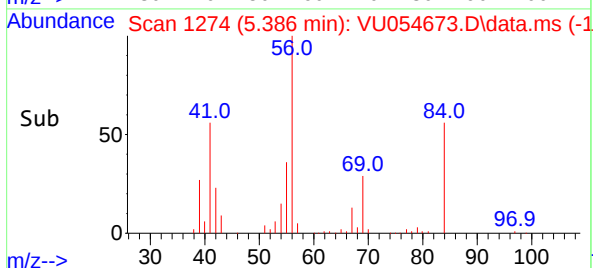
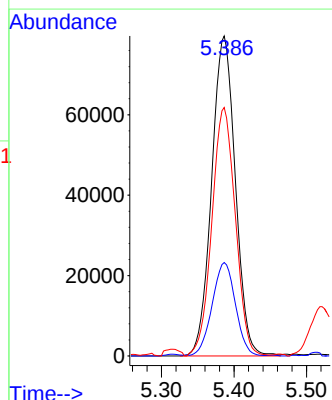
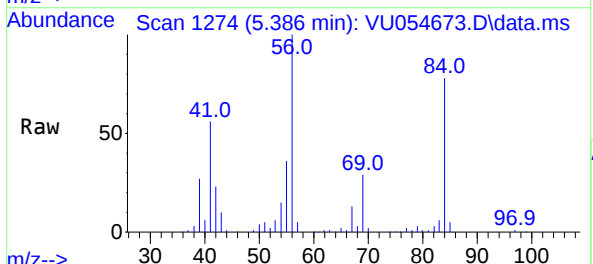
Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

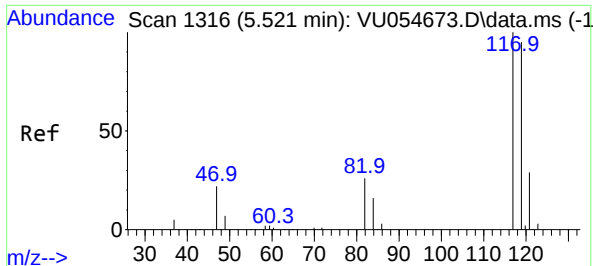
Tgt Ion: 97 Resp: 190940
Ion Ratio Lower Upper
97 100
99 64.5 50.8 76.2
61 46.6 36.1 54.1



#30
Cyclohexane
Concen: 4.118 ug/L
RT: 5.386 min Scan# 1274
Delta R.T. 0.000 min
Lab File: VU054673.D
Acq: 28 Jun 2023 09:30

Tgt Ion: 56 Resp: 180714
Ion Ratio Lower Upper
56 100
69 28.4 23.9 35.9
84 76.8 63.0 94.6

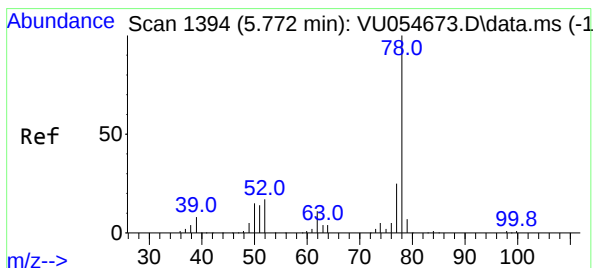
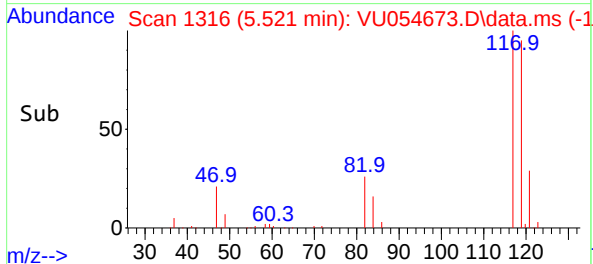
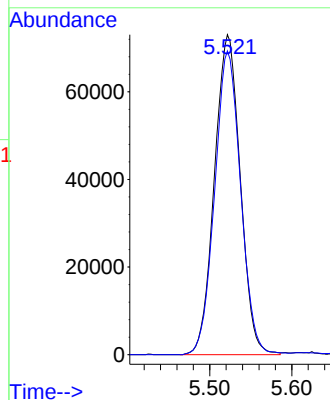
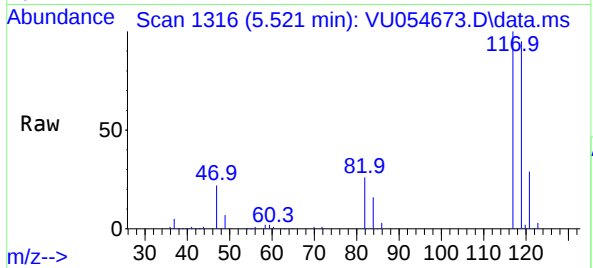




#31
Carbon tetrachloride
Concen: 4.602 ug/L
RT: 5.521 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VU054673.D
Acq: 28 Jun 2023 09:30

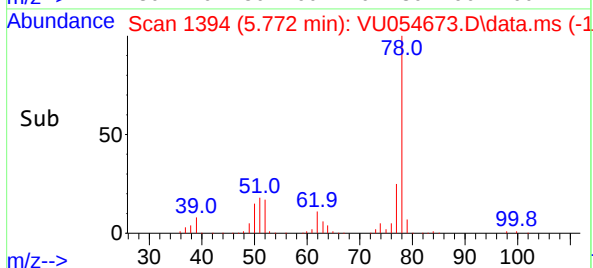
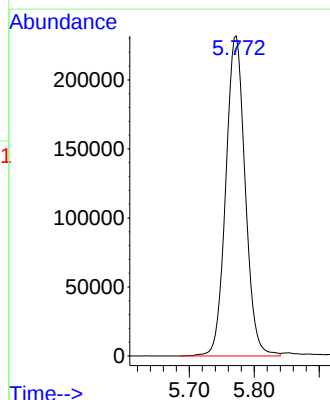
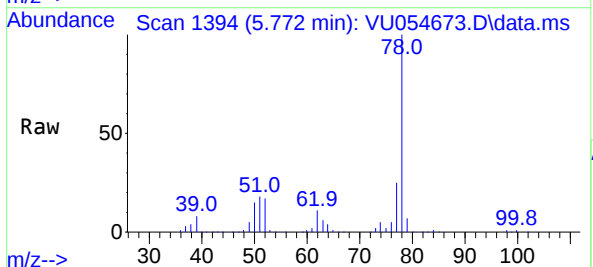
Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

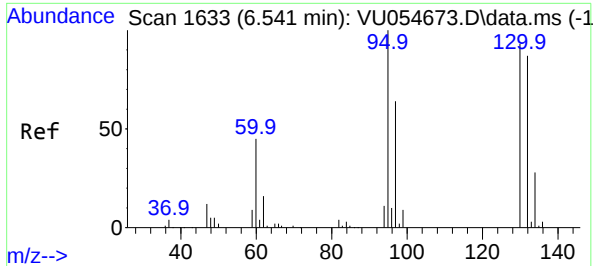
Tgt Ion:117 Resp: 159754
Ion Ratio Lower Upper
117 100
119 95.5 76.8 115.2



#33
Benzene
Concen: 4.497 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.003 min
Lab File: VU054673.D
Acq: 28 Jun 2023 09:30

Tgt Ion: 78 Resp: 480199

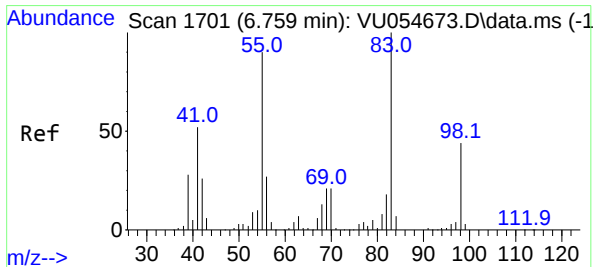
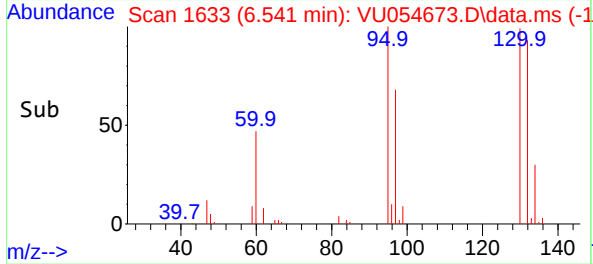
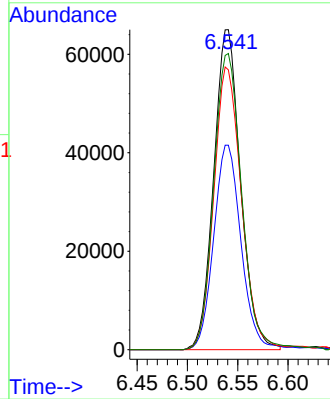
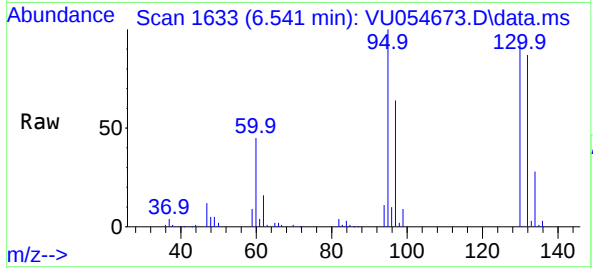




#34
Trichloroethene
Concen: 4.272 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU054673.D
Acq: 28 Jun 2023 09:30

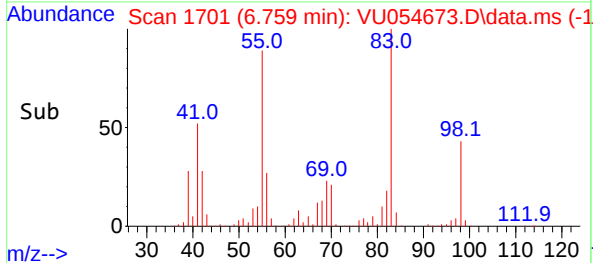
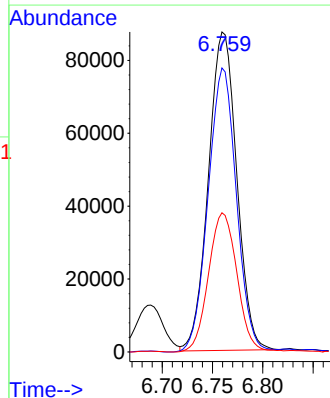
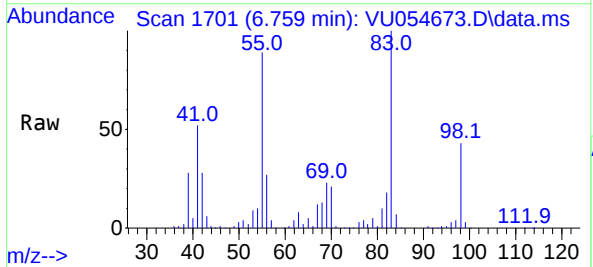
Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

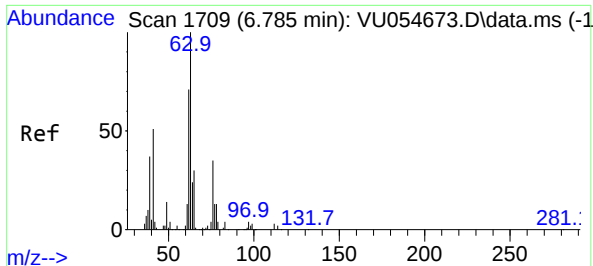
Tgt Ion: 95 Resp: 120630
Ion Ratio Lower Upper
95 100
97 63.9 46.8 87.0
132 87.5 68.4 127.0
130 92.6 68.7 127.5



#35
Methylcyclohexane
Concen: 4.008 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU054673.D
Acq: 28 Jun 2023 09:30

Tgt Ion: 83 Resp: 171055
Ion Ratio Lower Upper
83 100
55 89.5 67.1 100.7
98 44.1 35.1 52.7

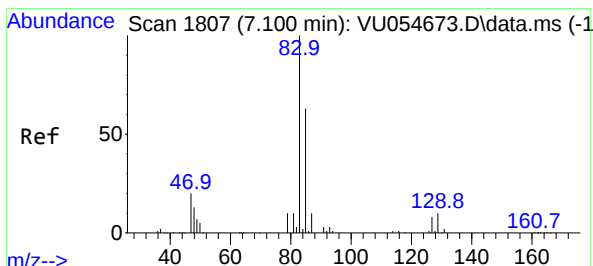
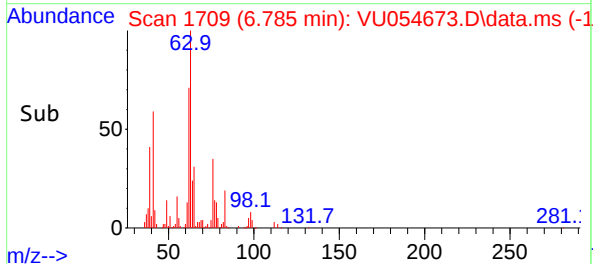
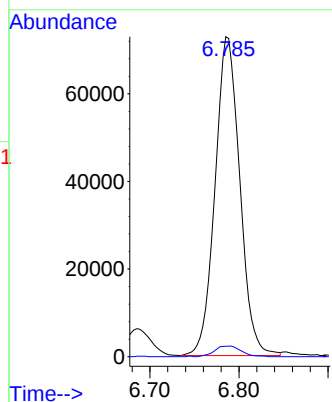
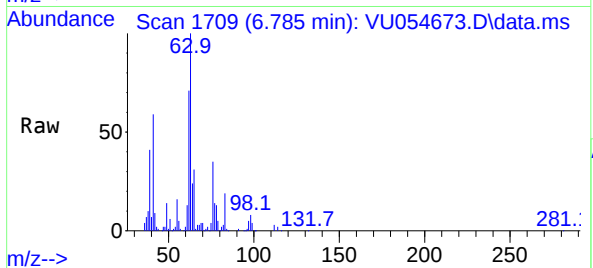




#37
1,2-Dichloropropane
Concen: 4.864 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. 0.000 min
Lab File: VU054673.D
Acq: 28 Jun 2023 09:30

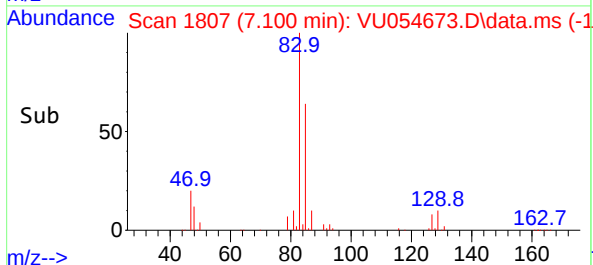
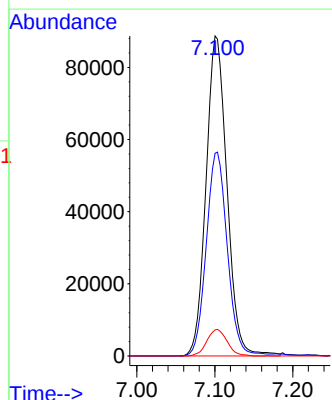
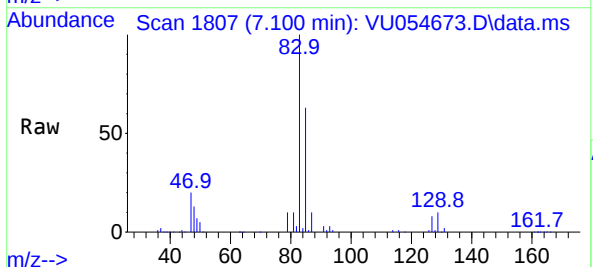
Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

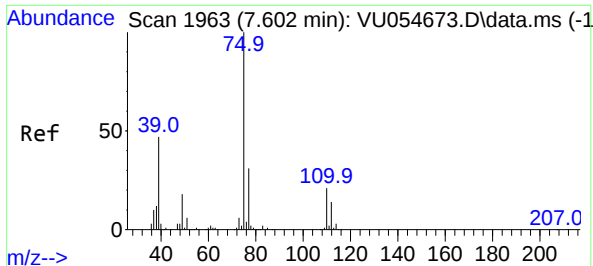
Tgt Ion: 63 Resp: 140415
Ion Ratio Lower Upper
63 100
112 3.6 3.0 4.6



#38
Bromodichloromethane
Concen: 5.067 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU054673.D
Acq: 28 Jun 2023 09:30

Tgt Ion: 83 Resp: 165587
Ion Ratio Lower Upper
83 100
85 63.3 44.1 81.9
127 8.2 6.6 10.0

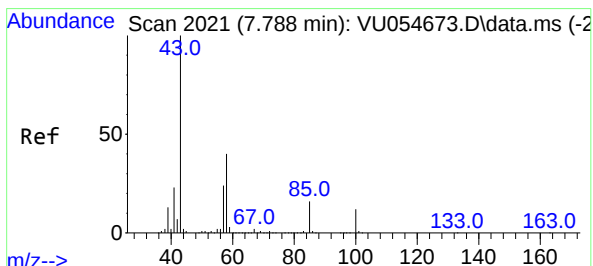
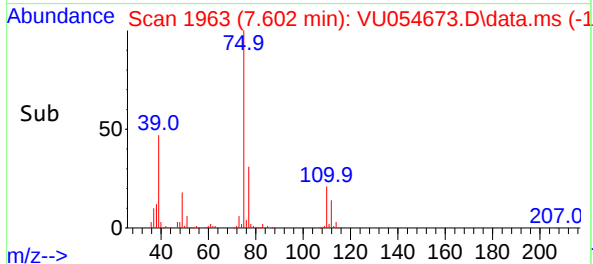
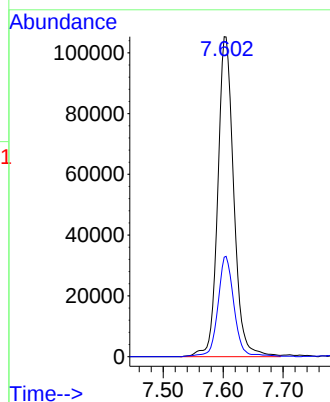
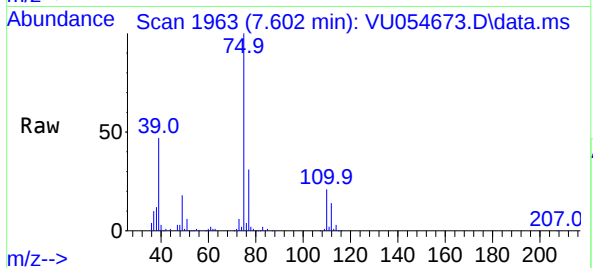




#39
 cis-1,3-Dichloropropene
 Concen: 4.930 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.003 min
 Lab File: VU054673.D
 Acq: 28 Jun 2023 09:30

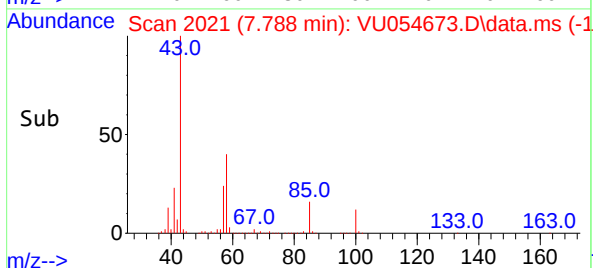
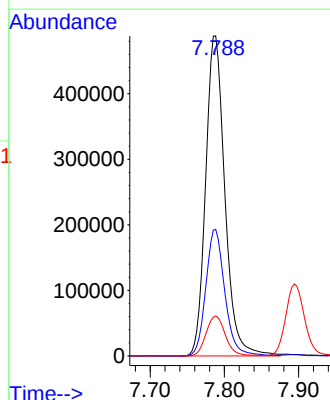
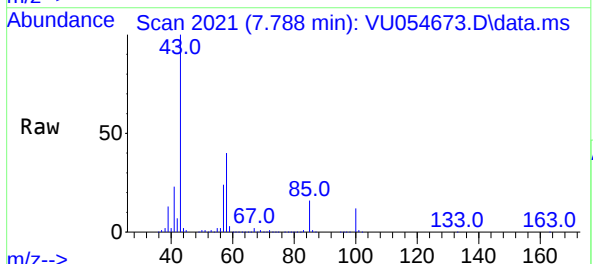
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005199

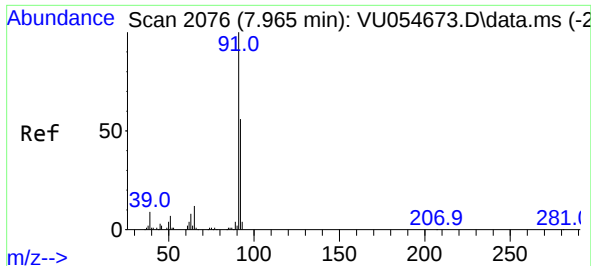
Tgt Ion: 75 Resp: 194324
 Ion Ratio Lower Upper
 75 100
 77 31.1 22.3 41.5



#40
 4-Methyl-2-pentanone
 Concen: 57.072 ug/L
 RT: 7.788 min Scan# 2021
 Delta R.T. 0.003 min
 Lab File: VU054673.D
 Acq: 28 Jun 2023 09:30

Tgt Ion: 43 Resp: 879298
 Ion Ratio Lower Upper
 43 100
 58 39.0 32.4 48.6
 100 12.6 11.4 17.2

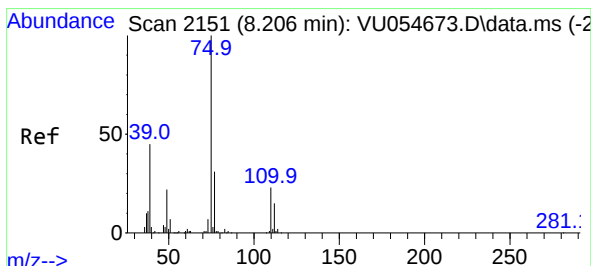
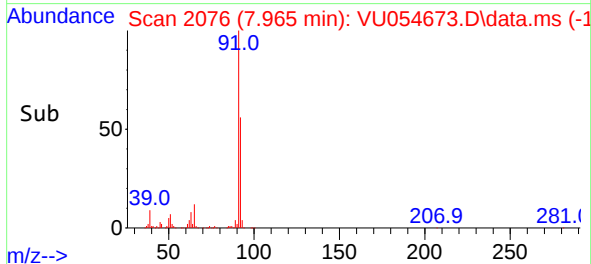
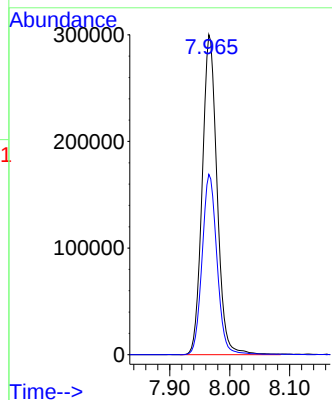
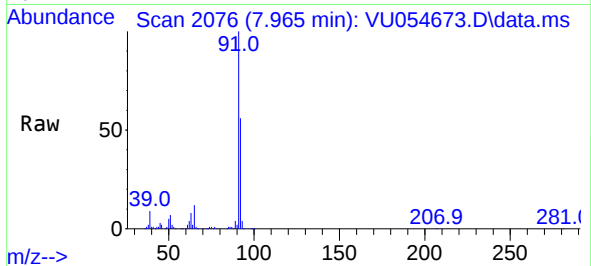




#42
Toluene
Concen: 4.707 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VU054673.D
Acq: 28 Jun 2023 09:30

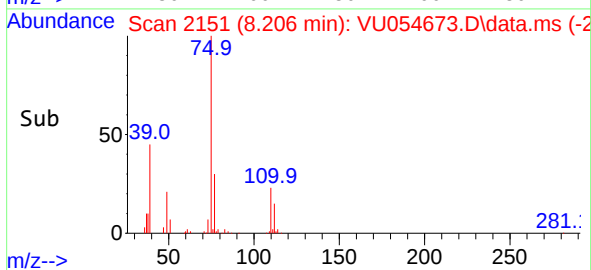
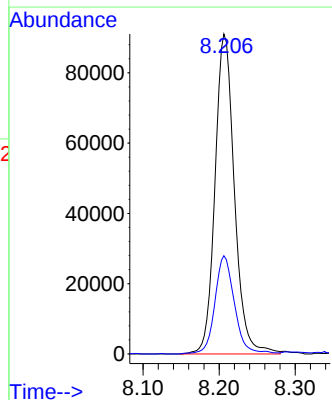
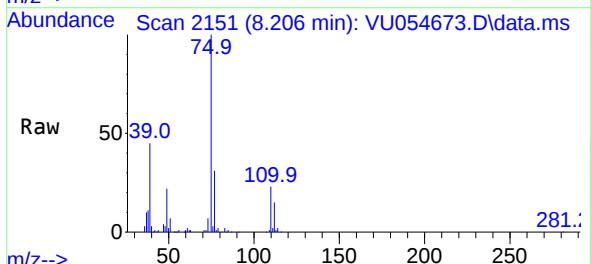
Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

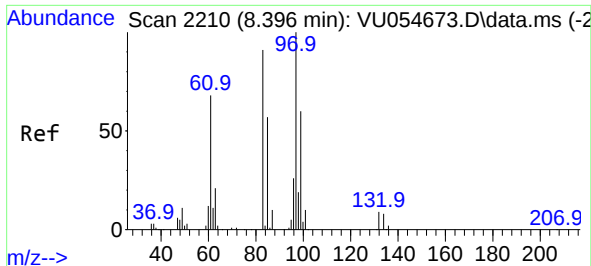
Tgt Ion: 91 Resp: 517580
Ion Ratio Lower Upper
91 100
92 56.4 39.5 73.4



#44
trans-1,3-Dichloropropene
Concen: 5.053 ug/L
RT: 8.206 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VU054673.D
Acq: 28 Jun 2023 09:30

Tgt Ion: 75 Resp: 161646
Ion Ratio Lower Upper
75 100
77 30.7 21.3 39.6



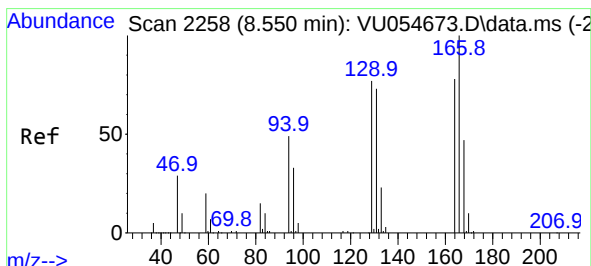
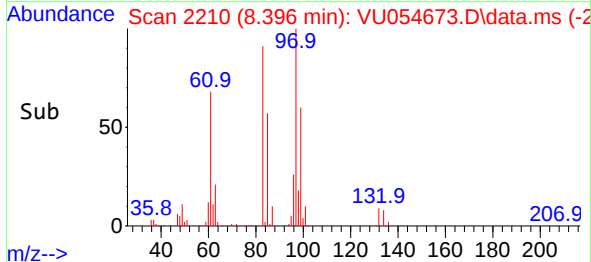
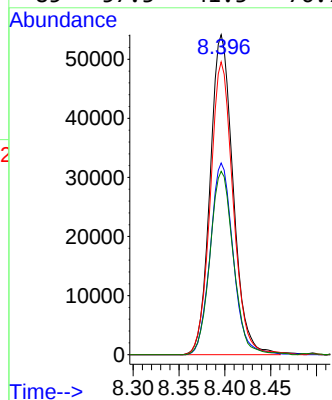
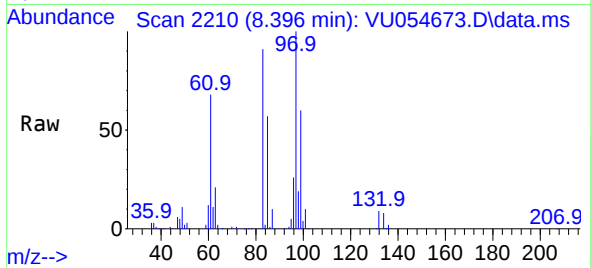


#45
1,1,2-Trichloroethane
Concen: 5.149 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VU054673.D
Acq: 28 Jun 2023 09:30

Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

Tgt Ion: 97 Resp: 94564

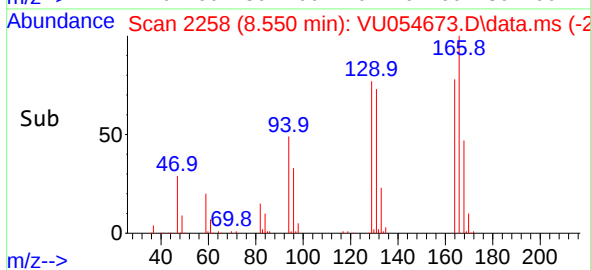
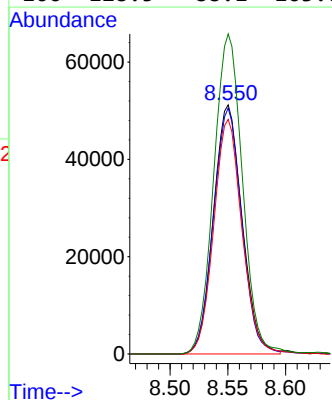
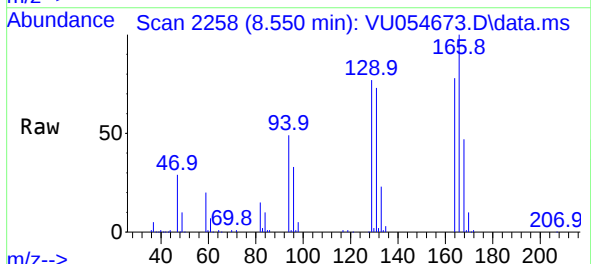
Ion	Ratio	Lower	Upper
97	100		
99	59.9	43.0	80.0
83	91.5	63.8	118.6
85	57.3	41.3	76.7

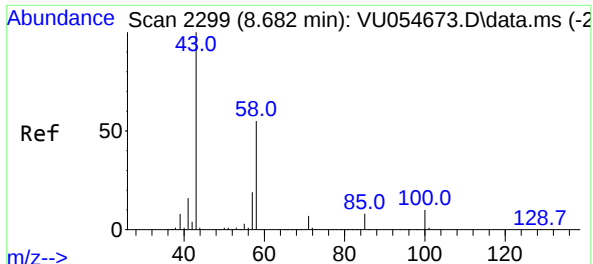


#47
Tetrachloroethene
Concen: 4.075 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU054673.D
Acq: 28 Jun 2023 09:30

Tgt Ion: 164 Resp: 88064

Ion	Ratio	Lower	Upper
164	100		
129	98.7	67.7	125.7
131	94.2	64.6	120.0
166	128.5	88.1	163.7

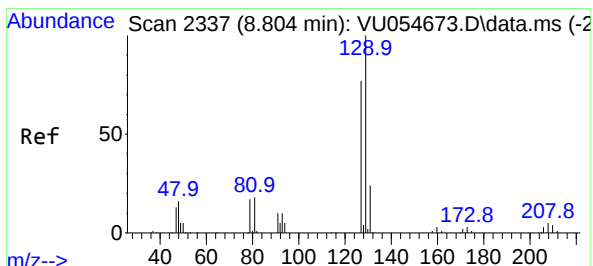
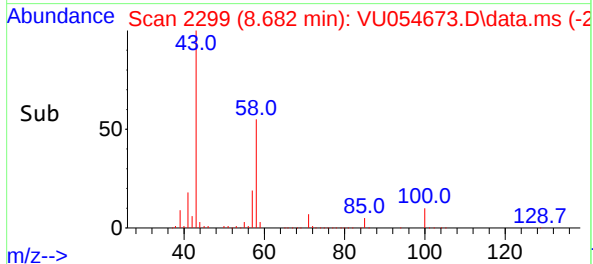
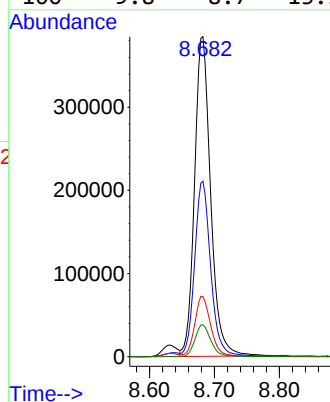
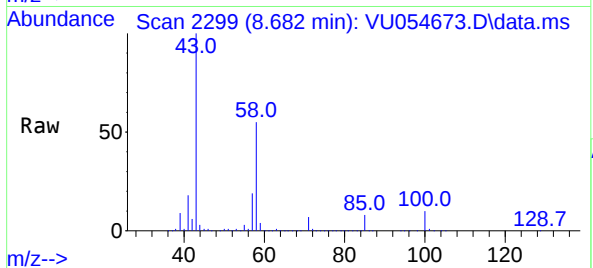




#48
2-Hexanone
Concen: 57.941 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.003 min
Lab File: VU054673.D
Acq: 28 Jun 2023 09:30

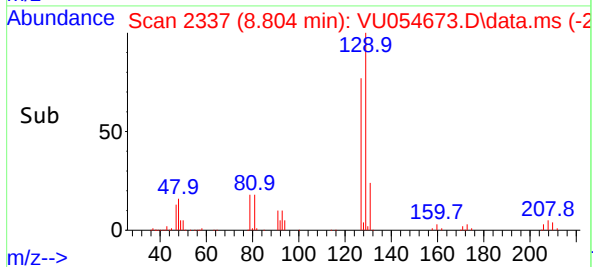
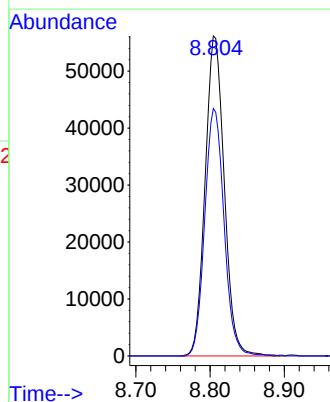
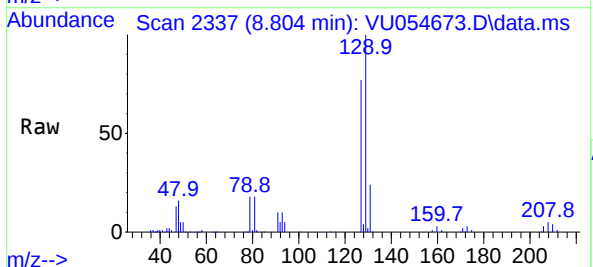
Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

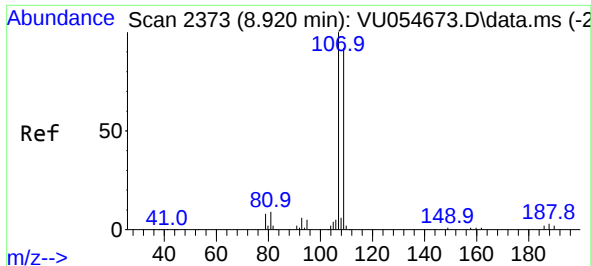
Tgt Ion: 43 Resp: 665142
Ion Ratio Lower Upper
43 100
58 54.3 45.2 67.8
57 18.7 15.8 23.6
100 9.8 8.7 13.1



#49
Dibromochloromethane
Concen: 5.205 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU054673.D
Acq: 28 Jun 2023 09:30

Tgt Ion: 129 Resp: 100384
Ion Ratio Lower Upper
129 100
127 77.3 53.2 98.8

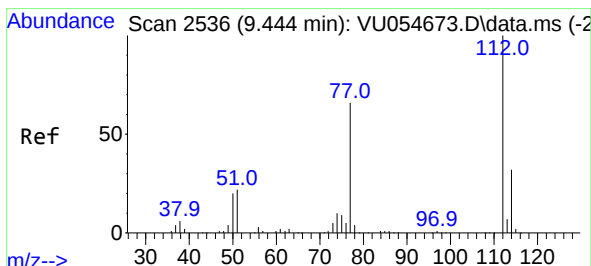
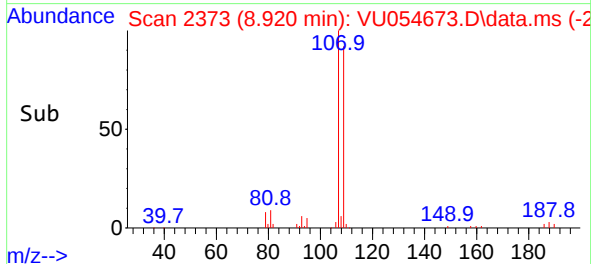
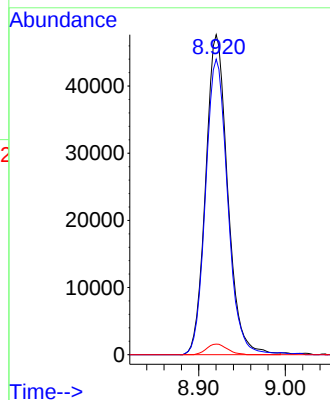
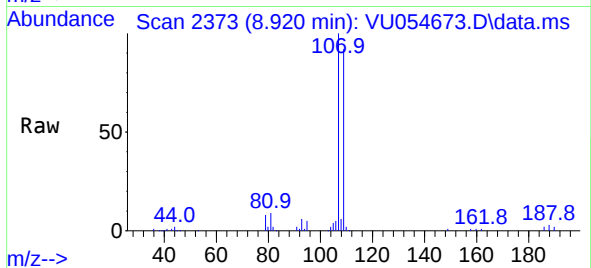




#50
1,2-Dibromoethane
Concen: 4.993 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054673.D
Acq: 28 Jun 2023 09:30

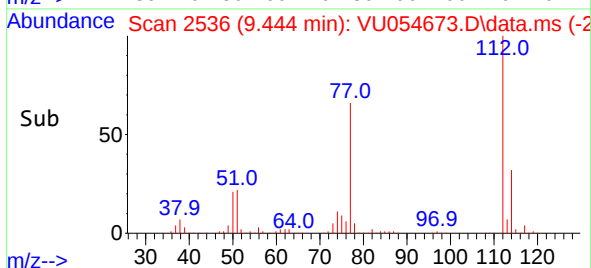
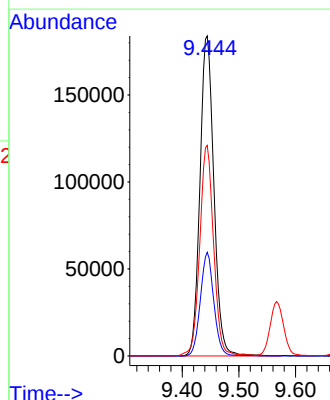
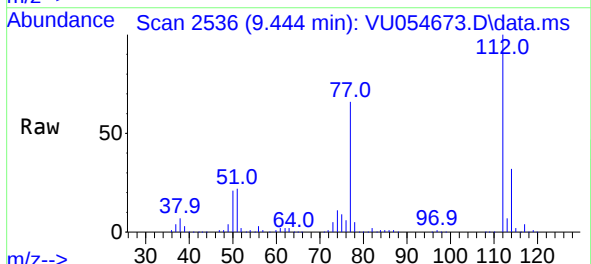
Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

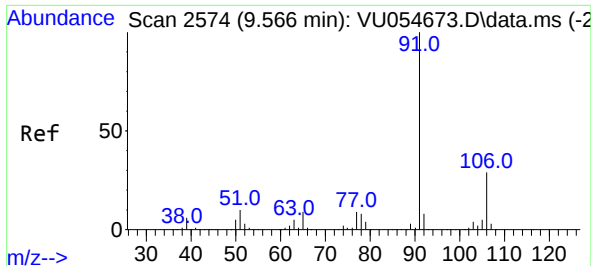
Tgt Ion:107 Resp: 84184
Ion Ratio Lower Upper
107 100
109 92.3 66.6 123.6
188 3.3 3.1 4.7



#51
Chlorobenzene
Concen: 4.583 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU054673.D
Acq: 28 Jun 2023 09:30

Tgt Ion:112 Resp: 314126
Ion Ratio Lower Upper
112 100
114 32.4 22.7 42.1
77 65.8 49.8 74.8

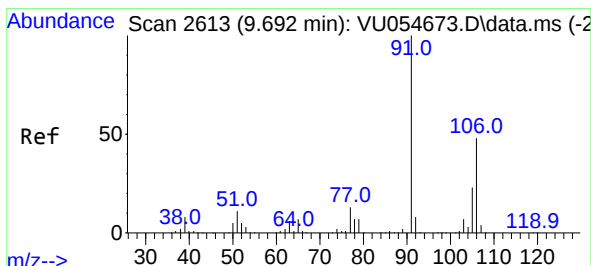
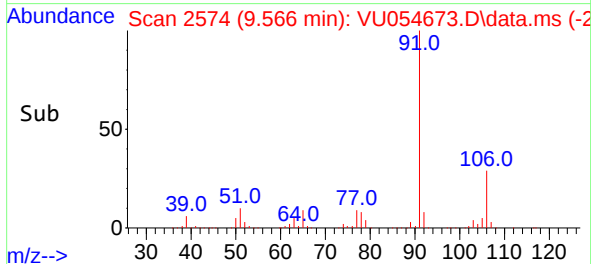
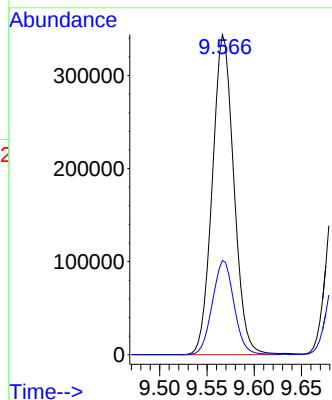
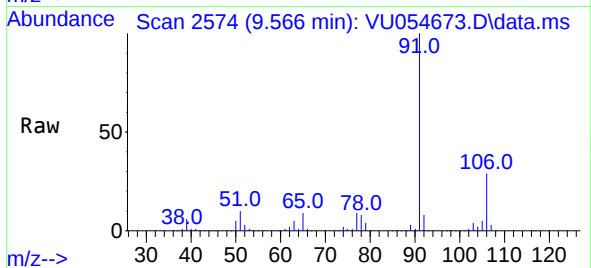




#52
Ethylbenzene
Concen: 4.536 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054673.D
Acq: 28 Jun 2023 09:30

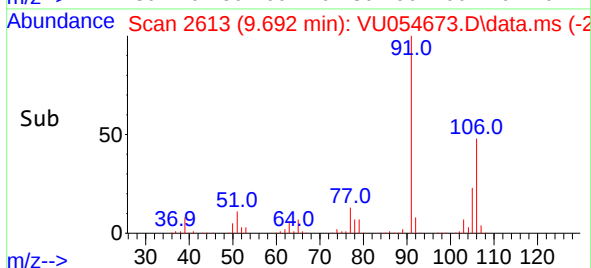
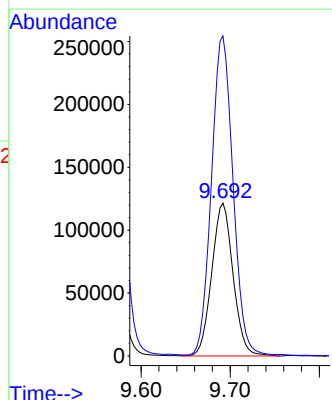
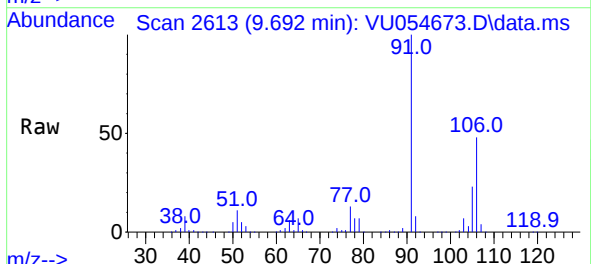
Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

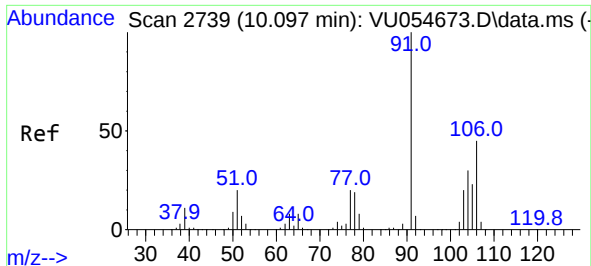
Tgt Ion: 91 Resp: 544689
Ion Ratio Lower Upper
91 100
106 29.4 21.1 39.3



#53
m,p-Xylene
Concen: 4.571 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU054673.D
Acq: 28 Jun 2023 09:30

Tgt Ion: 106 Resp: 201668
Ion Ratio Lower Upper
106 100
91 209.1 147.0 273.0

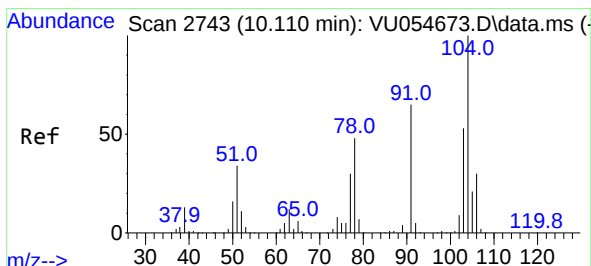
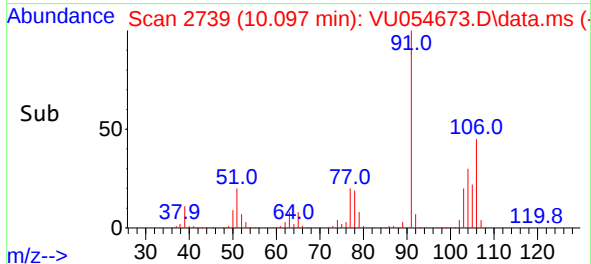
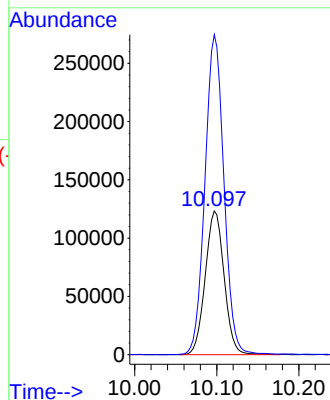
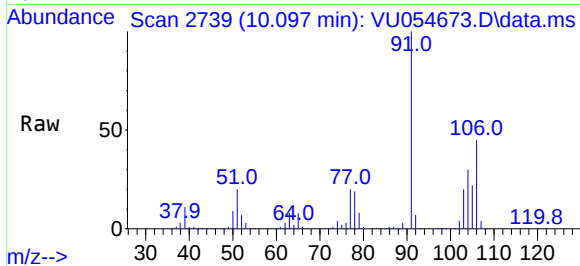




#54
o-Xylene
Concen: 4.624 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054673.D
Acq: 28 Jun 2023 09:30

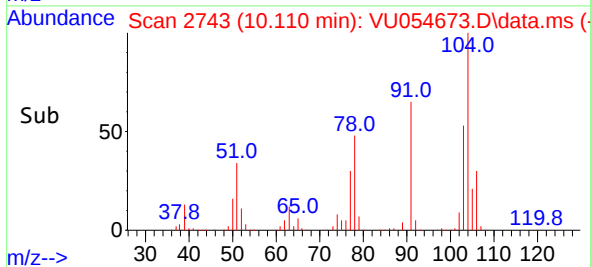
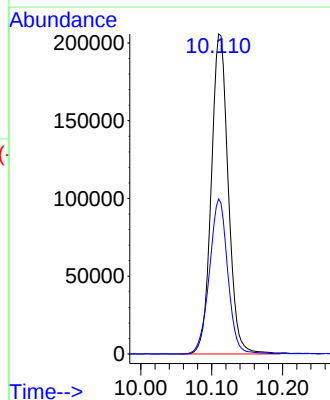
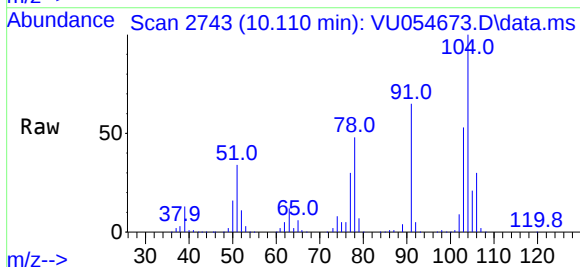
Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

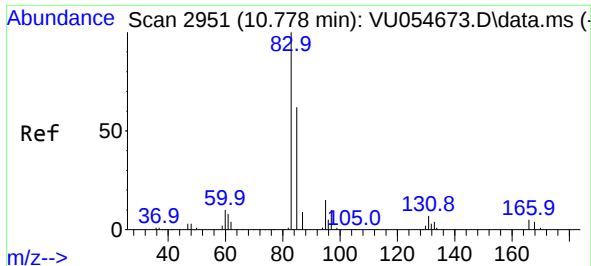
Tgt Ion:106 Resp: 197259
Ion Ratio Lower Upper
106 100
91 222.8 154.5 286.9



#55
Styrene
Concen: 4.782 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU054673.D
Acq: 28 Jun 2023 09:30

Tgt Ion:104 Resp: 342424
Ion Ratio Lower Upper
104 100
78 48.4 33.0 61.4

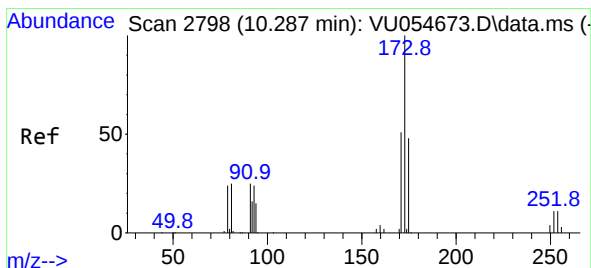
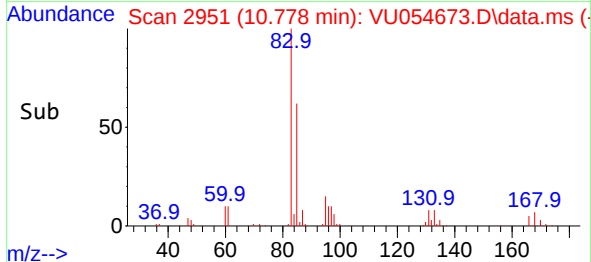
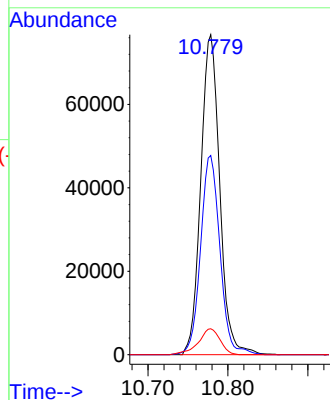
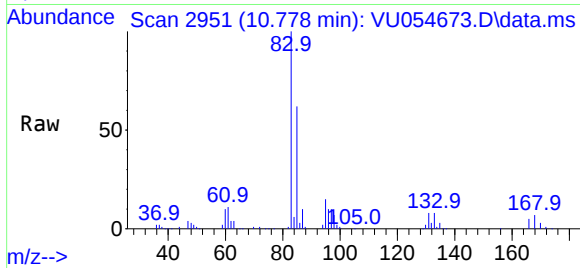




#57
1,1,2,2-Tetrachloroethane
Concen: 5.428 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU054673.D
Acq: 28 Jun 2023 09:30

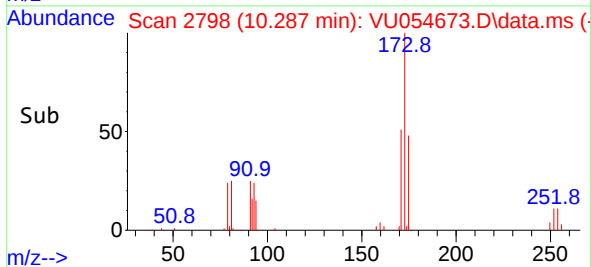
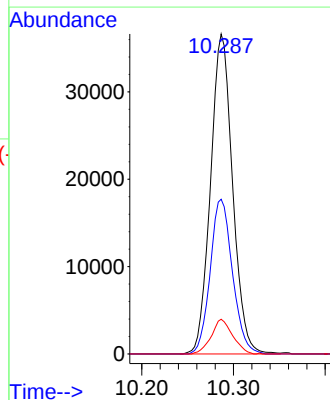
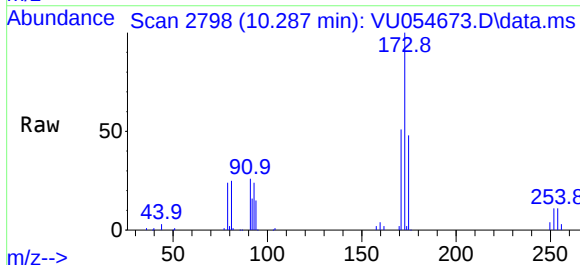
Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

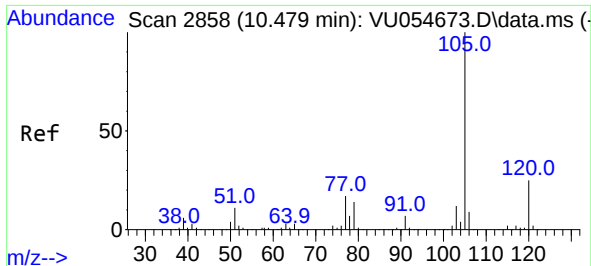
Tgt Ion: 83 Resp: 126629
Ion Ratio Lower Upper
83 100
85 62.3 44.2 82.2
131 8.1 7.0 10.6



#59
Bromoform
Concen: 5.773 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU054673.D
Acq: 28 Jun 2023 09:30

Tgt Ion: 173 Resp: 61271
Ion Ratio Lower Upper
173 100
175 48.8 39.4 59.0
254 10.5 8.6 12.8

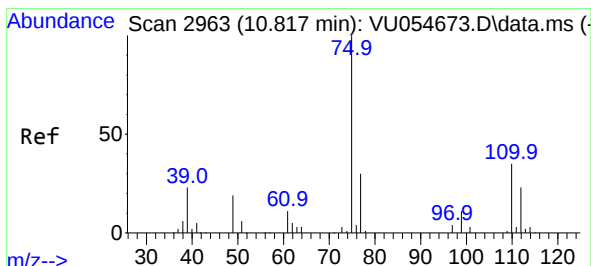
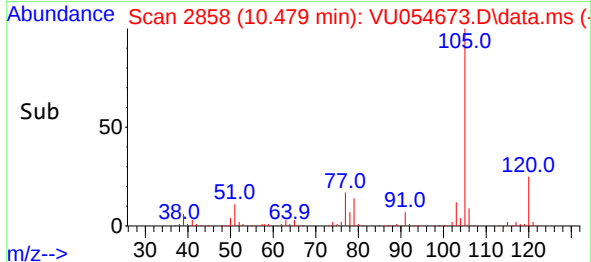
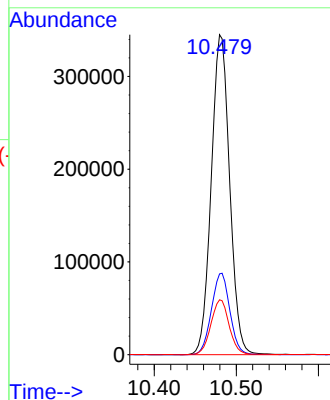
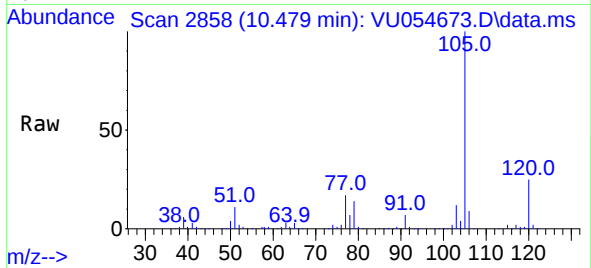




#60
Isopropylbenzene
Concen: 4.980 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU054673.D
Acq: 28 Jun 2023 09:30

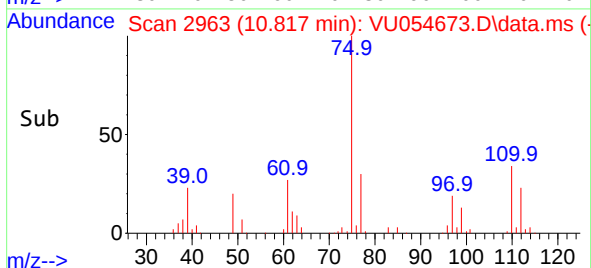
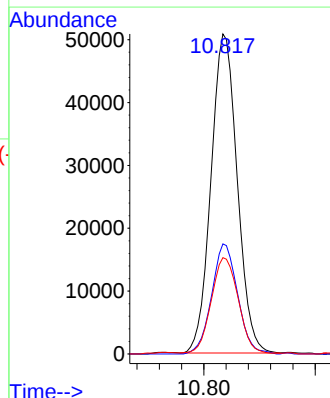
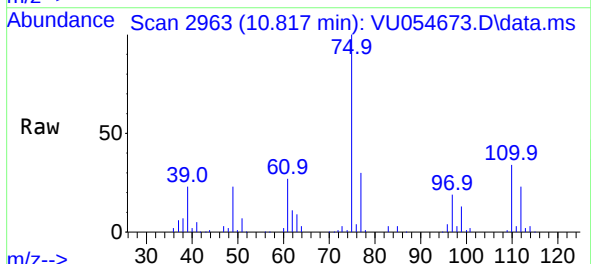
Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

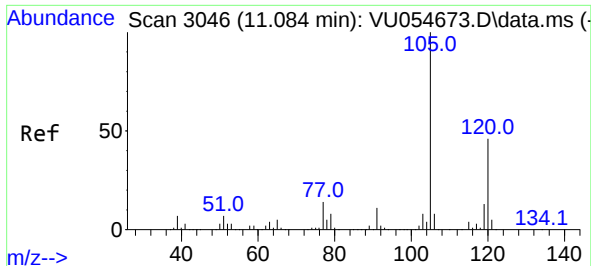
Tgt Ion:105 Resp: 538512
Ion Ratio Lower Upper
105 100
120 25.5 20.9 31.3
77 17.1 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 5.556 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.003 min
Lab File: VU054673.D
Acq: 28 Jun 2023 09:30

Tgt Ion: 75 Resp: 83014
Ion Ratio Lower Upper
75 100
110 34.1 28.0 42.0
77 30.7 25.4 38.2

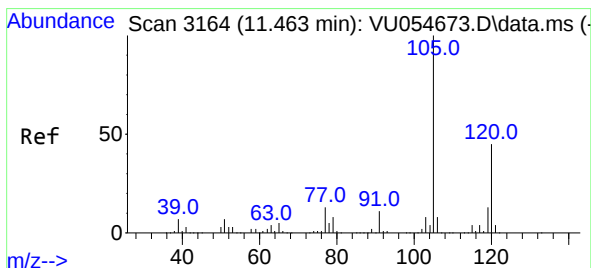
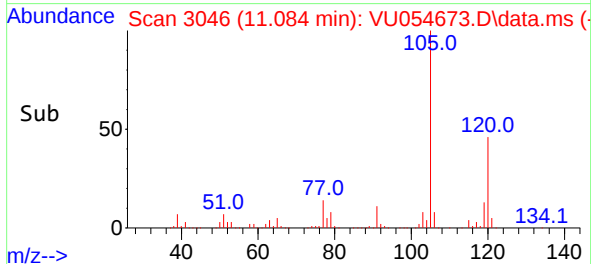
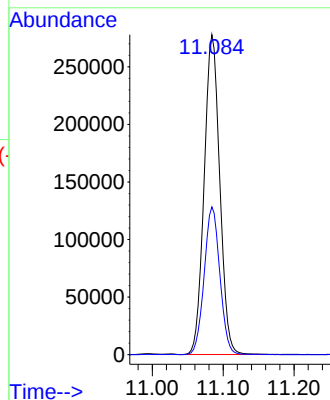
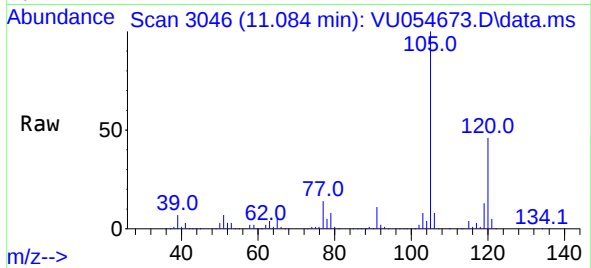




#62
1,3,5-Trimethylbenzene
Concen: 4.818 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU054673.D
Acq: 28 Jun 2023 09:30

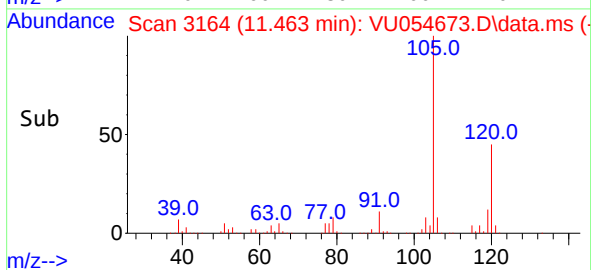
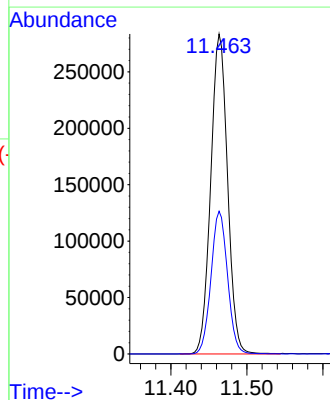
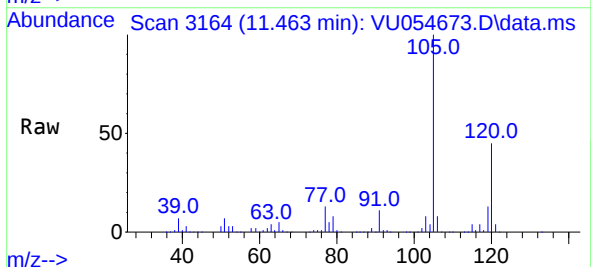
Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

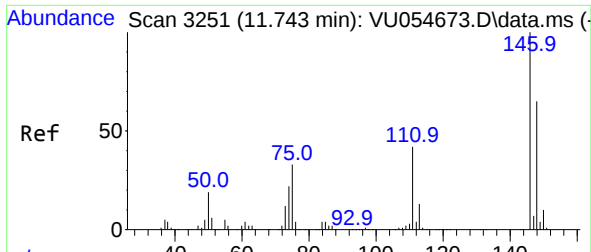
Tgt Ion:105 Resp: 425144
Ion Ratio Lower Upper
105 100
120 46.5 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 4.859 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU054673.D
Acq: 28 Jun 2023 09:30

Tgt Ion:105 Resp: 435478
Ion Ratio Lower Upper
105 100
120 43.8 35.4 53.0

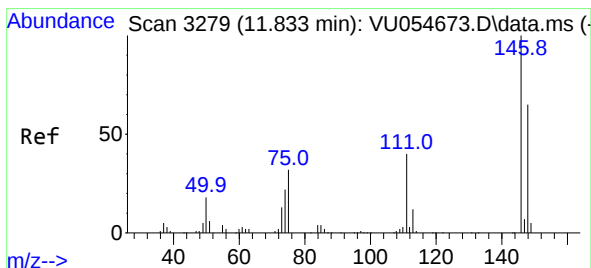
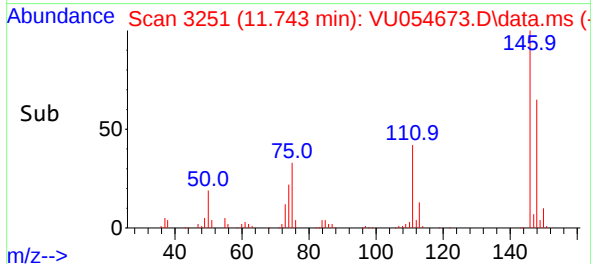
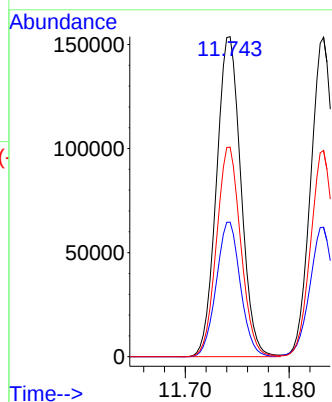
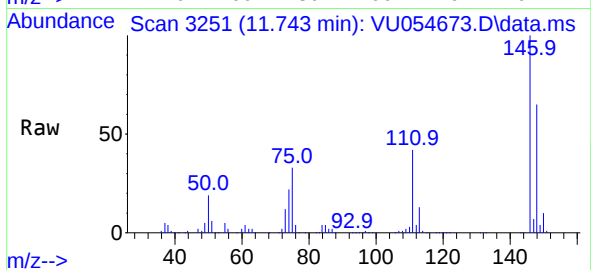




#64
1,3-Dichlorobenzene
Concen: 4.969 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU054673.D
Acq: 28 Jun 2023 09:30

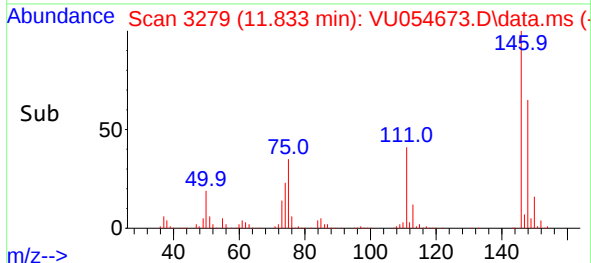
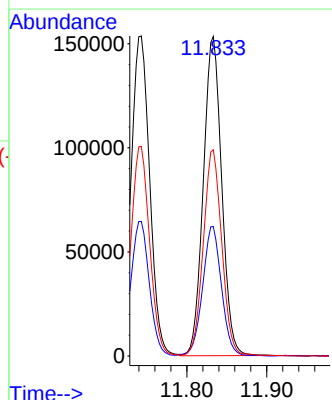
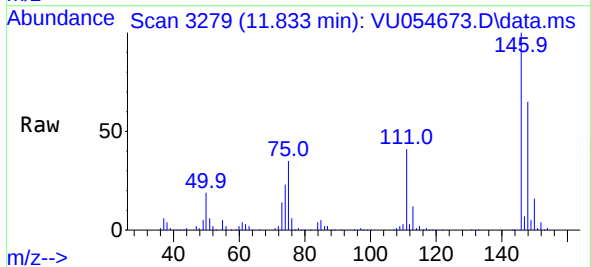
Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

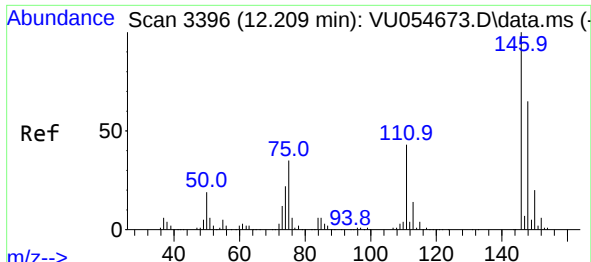
Tgt Ion:146 Resp: 251159
Ion Ratio Lower Upper
146 100
111 42.1 28.9 53.7
148 65.5 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 4.841 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU054673.D
Acq: 28 Jun 2023 09:30

Tgt Ion:146 Resp: 245578
Ion Ratio Lower Upper
146 100
111 40.5 28.0 52.0
148 64.5 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.057 ug/L

RT: 12.209 min Scan# 3396

Delta R.T. 0.000 min

Lab File: VU054673.D

Acq: 28 Jun 2023 09:30

Instrument :

MSVOA_U

ClientSampleId :

VSTD005199

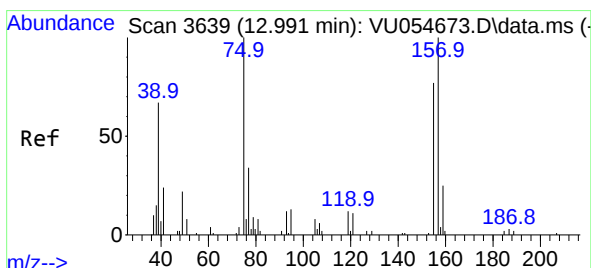
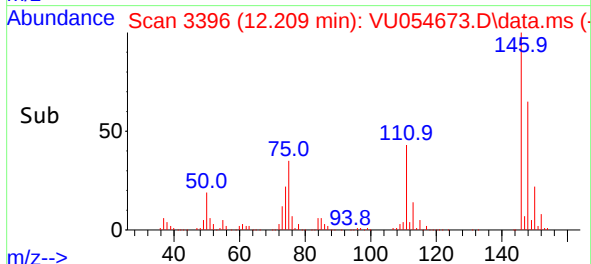
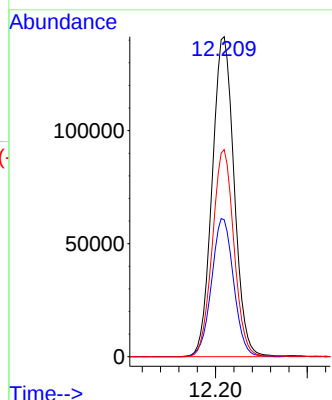
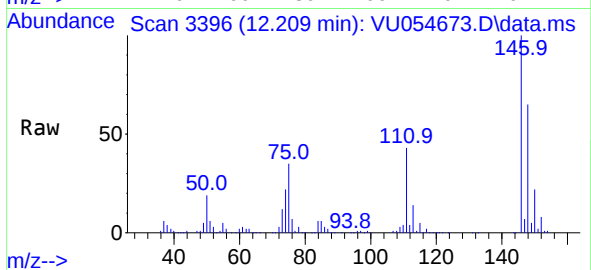
Tgt Ion:146 Resp: 235091

Ion Ratio Lower Upper

146 100

111 42.8 34.5 51.7

148 64.7 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 5.943 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.003 min

Lab File: VU054673.D

Acq: 28 Jun 2023 09:30

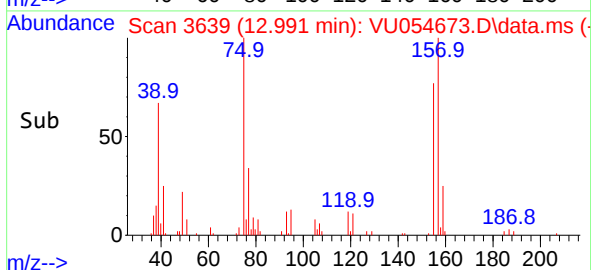
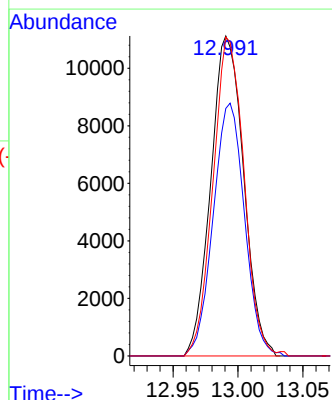
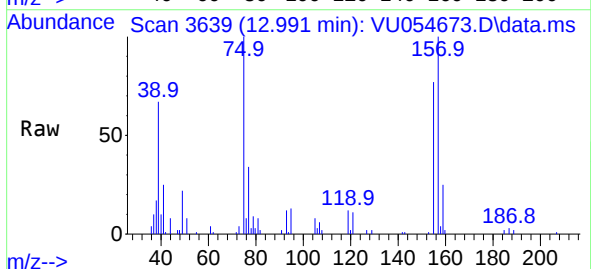
Tgt Ion: 75 Resp: 19511

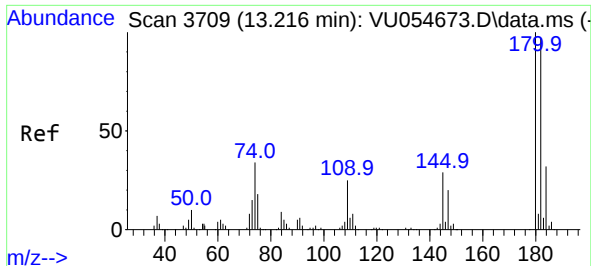
Ion Ratio Lower Upper

75 100

155 77.4 65.7 98.5

157 99.6 84.2 126.2





#69

1,3,5-Trichlorobenzene

Concen: 4.820 ug/L

RT: 13.216 min Scan# 3709

Delta R.T. 0.000 min

Lab File: VU054673.D

Acq: 28 Jun 2023 09:30

Instrument :

MSVOA_U

ClientSampleId :

VSTD005199

Tgt Ion:180 Resp: 183837

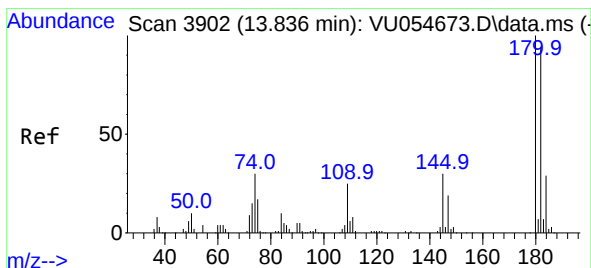
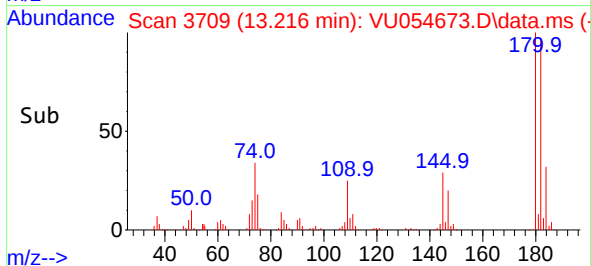
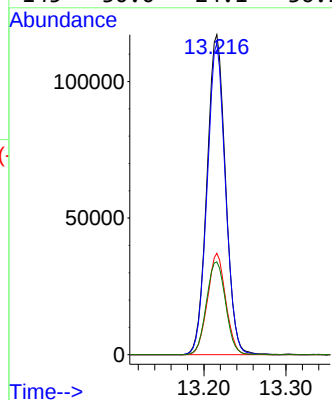
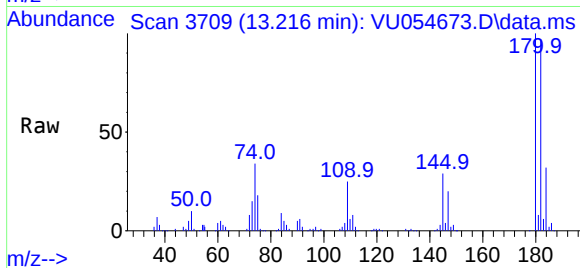
Ion Ratio Lower Upper

180 100

182 96.0 75.0 112.6

184 31.2 24.1 36.1

145 30.0 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 4.707 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU054673.D

Acq: 28 Jun 2023 09:30

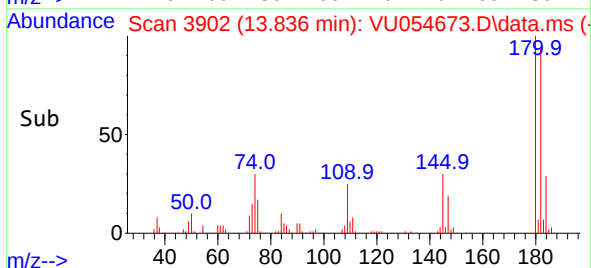
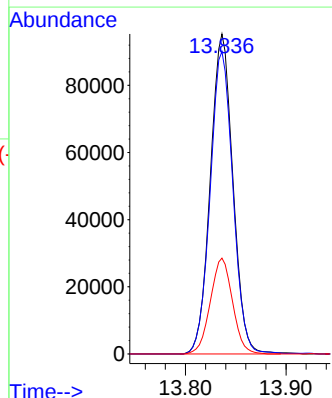
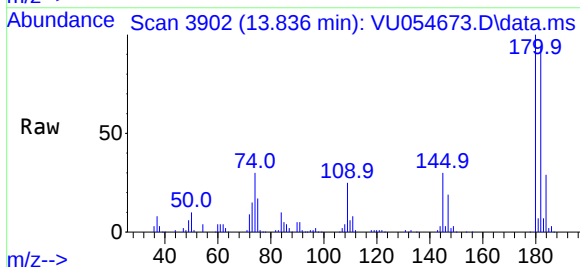
Tgt Ion:180 Resp: 148463

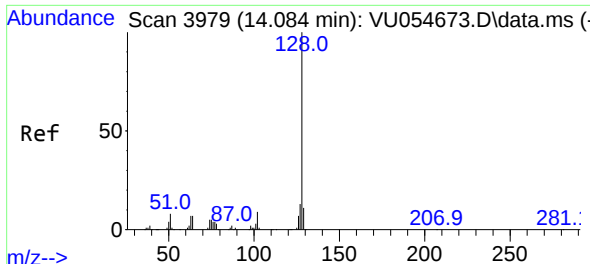
Ion Ratio Lower Upper

180 100

182 95.3 76.6 114.8

145 29.5 24.0 36.0

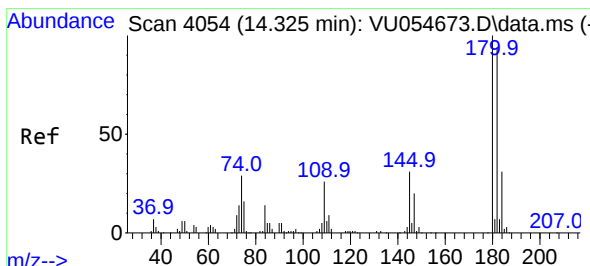
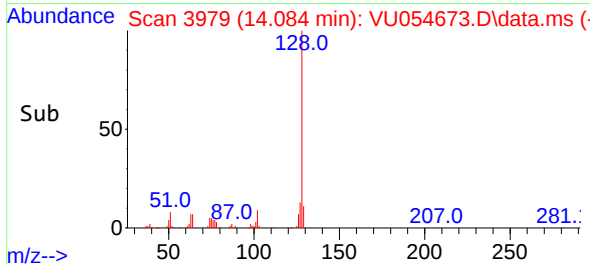
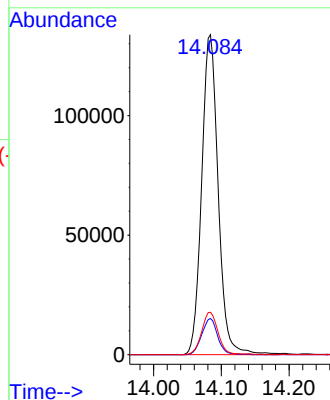
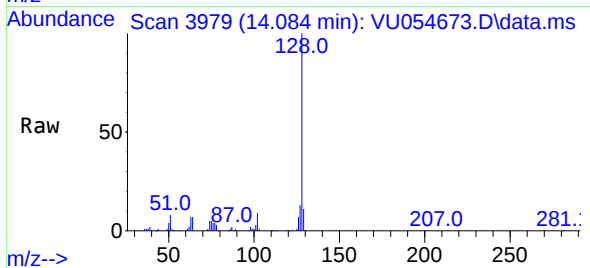




#71
Naphthalene
Concen: 4.415 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.003 min
Lab File: VU054673.D
Acq: 28 Jun 2023 09:30

Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

Tgt Ion:128 Resp: 226410
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.2 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 4.753 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU054673.D
Acq: 28 Jun 2023 09:30

Tgt Ion:180 Resp: 128772
Ion Ratio Lower Upper
180 100
182 95.4 75.4 113.2
145 32.1 26.0 39.0

