

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062823\
 Data File : VU054686.D
 Acq On : 28 Jun 2023 17:55
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005081

Quant Time: Jun 29 04:37:49 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	321602	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	306439	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	160634	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	101356	4.952	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.000%
7) Chloroethane-d5	1.911	69	89071	4.648	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.563	65	40935	4.478	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.600%
20) 2-Butanone-d5	4.631	46	317547	55.182	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.360%
24) Chloroform-d	5.058	84	190723	4.458	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.698	65	95575	4.583	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	5.724	84	361104	4.239	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.685	67	122497	4.306	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.200%
41) Toluene-d8	7.894	98	316845	4.191	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	8.177	79	47071	4.758	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.631	63	219391	52.861	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.720%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	101854	4.801	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	115534	4.264	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	113264	3.769	ug/L	100
3) Chloromethane	1.518	50	142356	4.124	ug/L	99
5) Vinyl chloride	1.602	62	150815	4.256	ug/L	99
6) Bromomethane	1.856	94	78598	4.035	ug/L	98
8) Chloroethane	1.933	64	96623	4.549	ug/L	99
9) Trichlorofluoromethane	2.132	101	191712	4.401	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	116937	4.589	ug/L	99
12) 1,1-Dichloroethene	2.576	96	101434	4.349	ug/L	88
13) Acetone	2.644	43	233871	43.104	ug/L	100
14) Carbon disulfide	2.788	76	248627	3.594	ug/L	98
15) Methyl Acetate	2.956	43	58963	5.864	ug/L	99
16) Methylene chloride	3.042	84	140424	4.281	ug/L	96
17) Methyl tert-butyl Ether	3.361	73	296535	5.150	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	103424	4.294	ug/L	98
19) 1,1-Dichloroethane	3.862	63	245286	4.921	ug/L	98
21) 2-Butanone	4.711	43	395825	56.212	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	127663	4.655	ug/L	99
23) Bromochloromethane	4.972	128	55256	4.842	ug/L	98
25) Chloroform	5.084	83	243690	4.960	ug/L	98

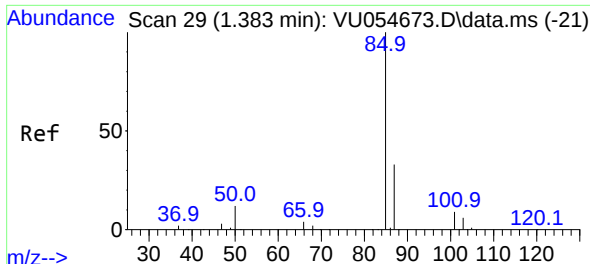
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062823\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 23 23:55:46 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	155486	5.399	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	196446	4.728	ug/L	98
30) Cyclohexane	5.383	56	180173	3.981	ug/L	99
31) Carbon tetrachloride	5.518	117	164174	4.585	ug/L	99
33) Benzene	5.769	78	505672	4.591	ug/L	100
34) Trichloroethene	6.537	95	125537	4.311	ug/L	94
35) Methylcyclohexane	6.759	83	170668	3.877	ug/L	97
37) 1,2-Dichloropropane	6.785	63	150808	5.064	ug/L	100
38) Bromodichloromethane	7.100	83	173327	5.142	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	200215	4.925	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	952029	59.910	ug/L	98
42) Toluene	7.965	91	532019	4.691	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	169164	5.127	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	99908	5.274	ug/L	98
47) Tetrachloroethene	8.547	164	87358	3.919	ug/L	95
48) 2-Hexanone	8.679	43	694057	58.617	ug/L	98
49) Dibromochloromethane	8.804	129	106463	5.352	ug/L	96
50) 1,2-Dibromoethane	8.920	107	89049	5.120	ug/L	100
51) Chlorobenzene	9.444	112	323085	4.570	ug/L	98
52) Ethylbenzene	9.566	91	559671	4.518	ug/L	99
53) m,p-Xylene	9.688	106	206007	4.527	ug/L	99
54) o-Xylene	10.097	106	202011	4.591	ug/L	96
55) Styrene	10.110	104	355518	4.814	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	133825	5.562	ug/L	97
59) Bromoform	10.287	173	63229	5.483	ug/L	98
60) Isopropylbenzene	10.479	105	557368	4.743	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	88170	5.431	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	444394	4.635	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	450159	4.623	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	260535	4.743	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	256399	4.651	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	244364	4.837	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	21486	6.023	ug/L	92
69) 1,3,5-Trichlorobenzene	13.216	180	187756	4.530	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	154633	4.512	ug/L	100
71) Naphthalene	14.081	128	257591	4.623	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	142577	4.843	ug/L	99

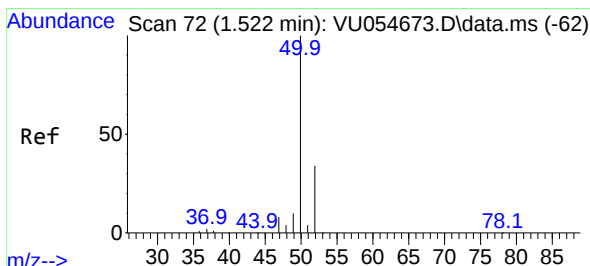
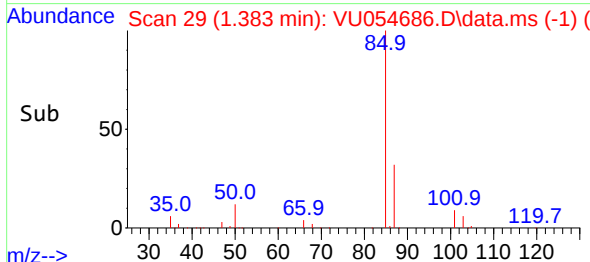
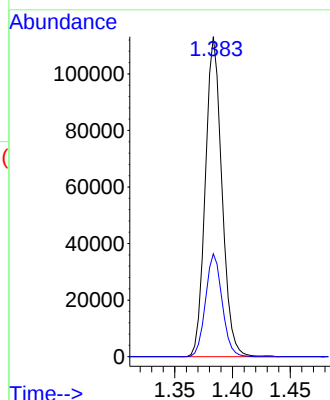
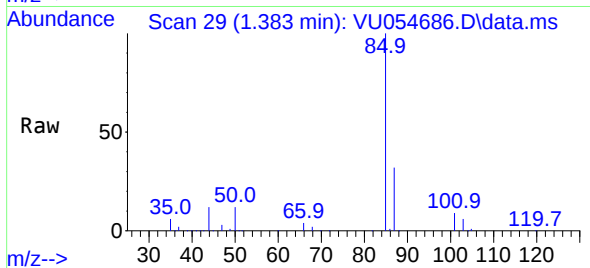
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 3.769 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU054686.D
 Acq: 28 Jun 2023 17:55

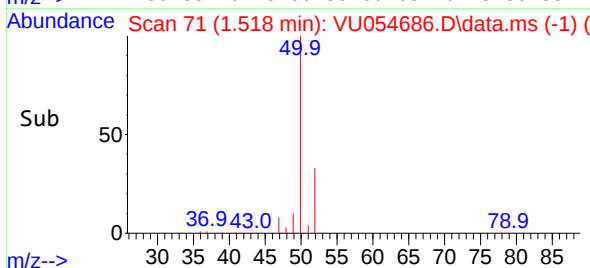
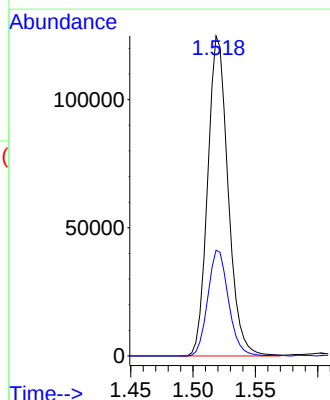
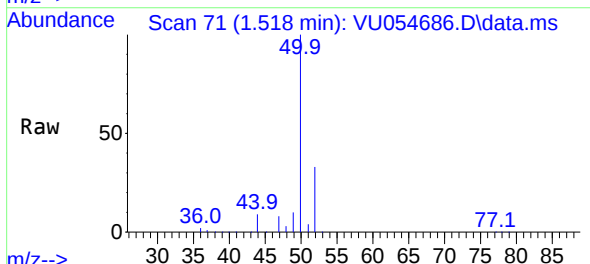
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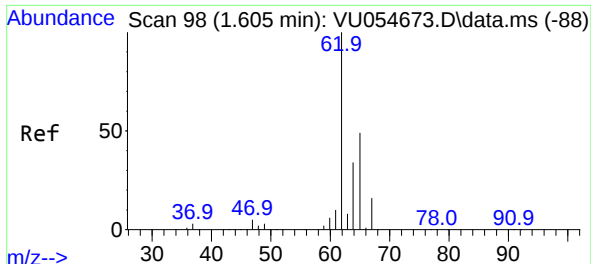
Tgt Ion: 85 Resp: 113264
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.4 38.2



#3
 Chloromethane
 Concen: 4.124 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VU054686.D
 Acq: 28 Jun 2023 17:55

Tgt Ion: 50 Resp: 142356
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.4 43.4

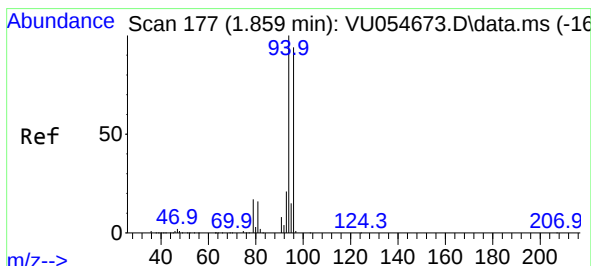
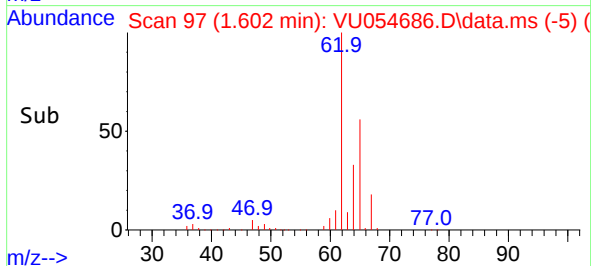
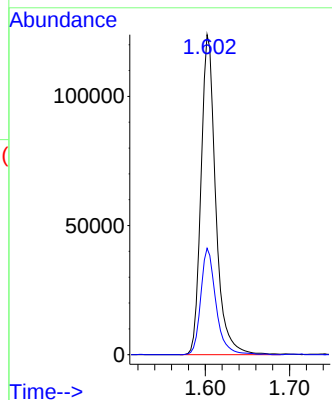
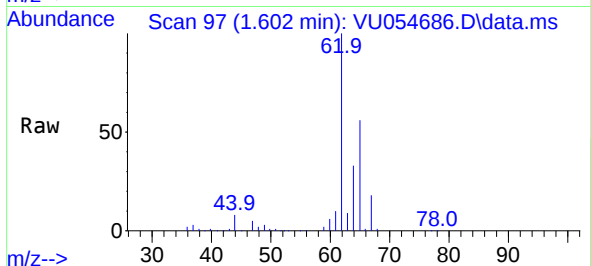




#5
 Vinyl chloride
 Concen: 4.256 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VU054686.D
 Acq: 28 Jun 2023 17:55

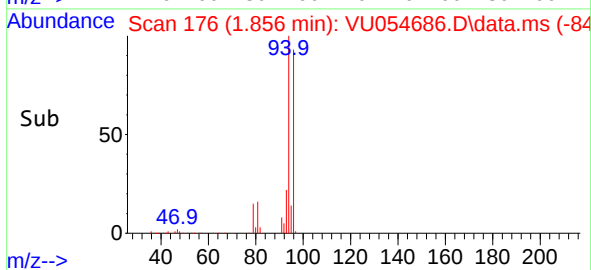
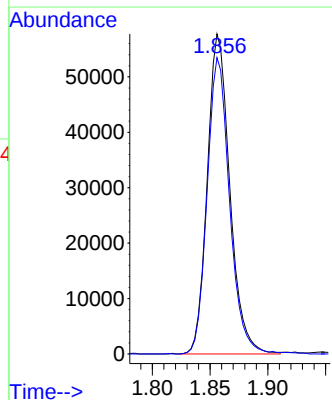
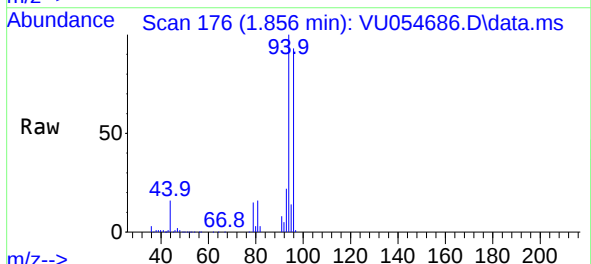
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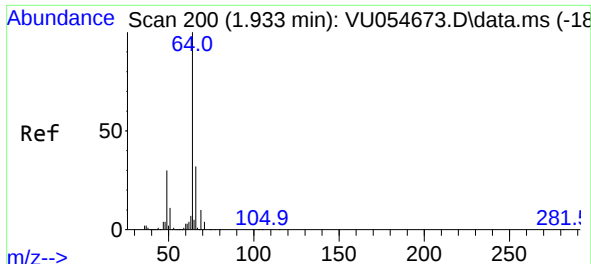
Tgt Ion: 62 Resp: 150815
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.0 42.6



#6
 Bromomethane
 Concen: 4.035 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. -0.003 min
 Lab File: VU054686.D
 Acq: 28 Jun 2023 17:55

Tgt Ion: 94 Resp: 78598
 Ion Ratio Lower Upper
 94 100
 96 92.6 63.6 118.2

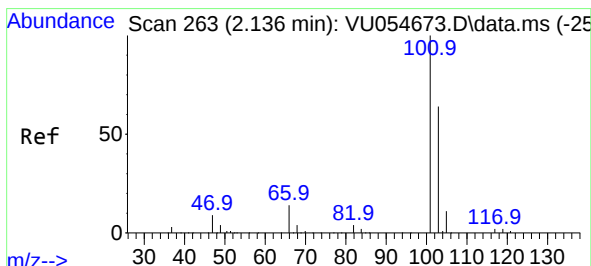
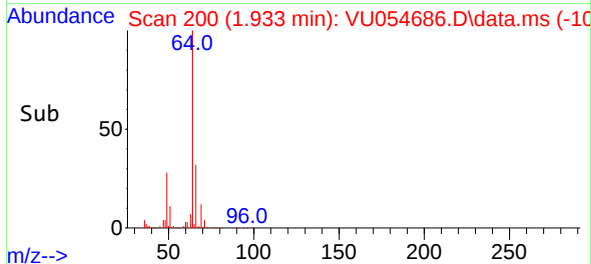
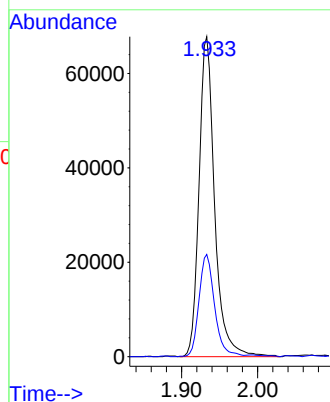
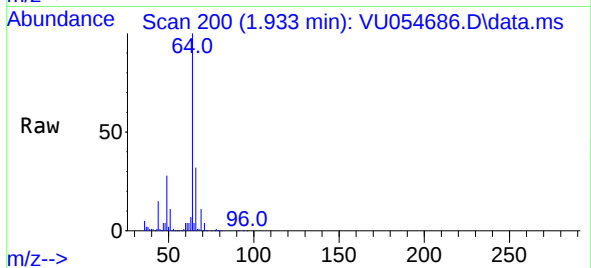




#8
Chloroethane
Concen: 4.549 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.000 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

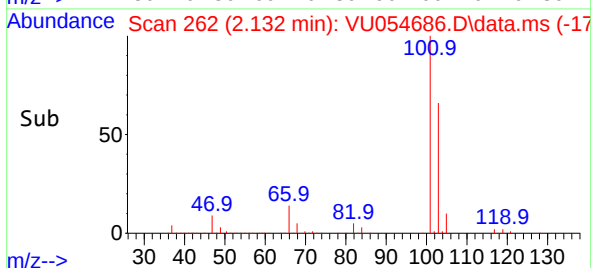
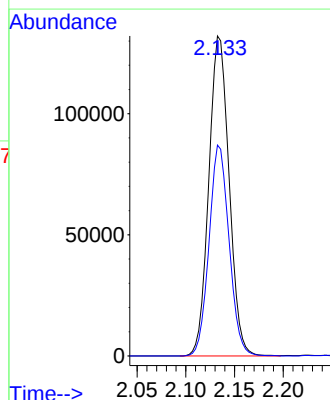
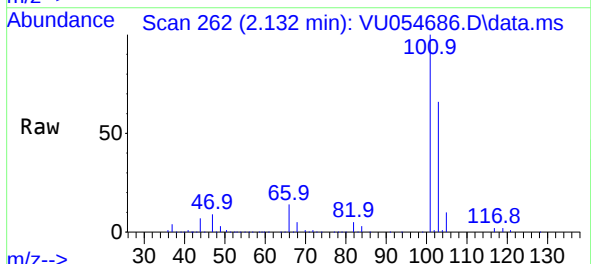
Instrument :
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ClientSampleId :
VSTD005081

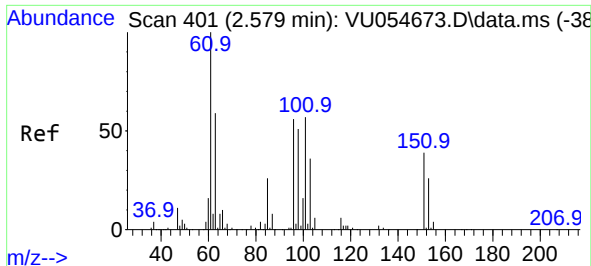
Tgt Ion: 64 Resp: 96623
Ion Ratio Lower Upper
64 100
66 32.0 22.9 42.5



#9
Trichlorofluoromethane
Concen: 4.401 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.003 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

Tgt Ion:101 Resp: 191712
Ion Ratio Lower Upper
101 100
103 65.0 50.6 75.8

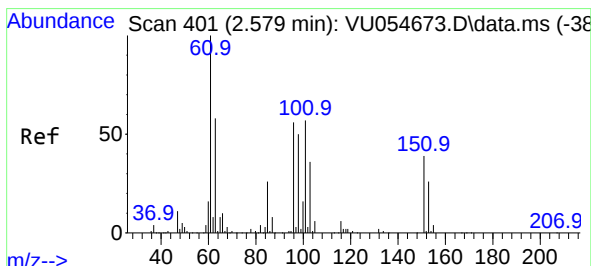
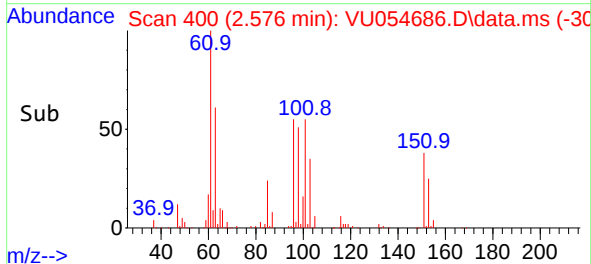
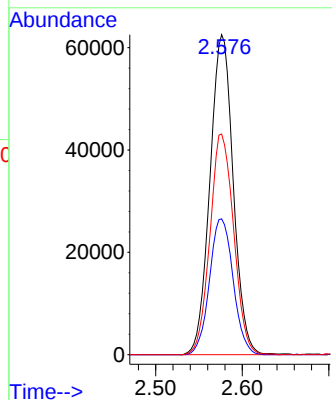
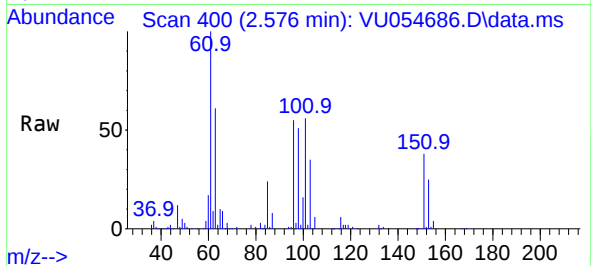




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.589 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.003 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

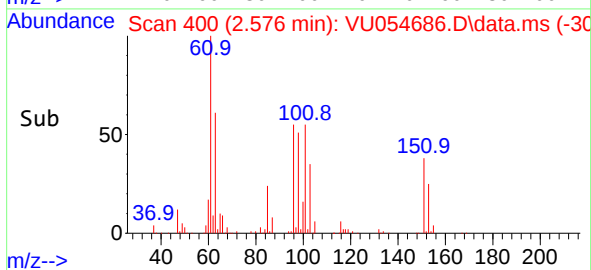
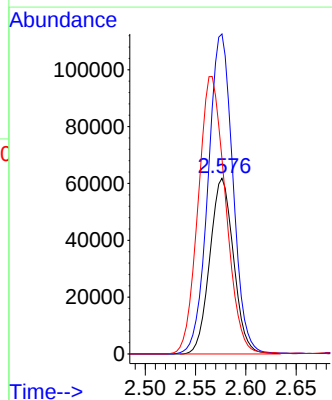
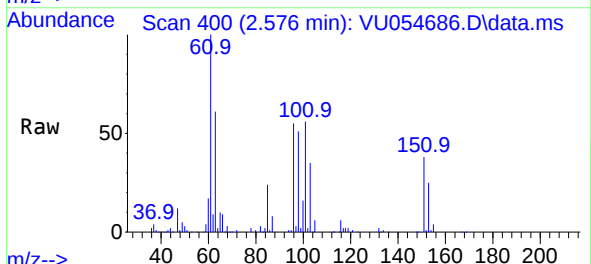
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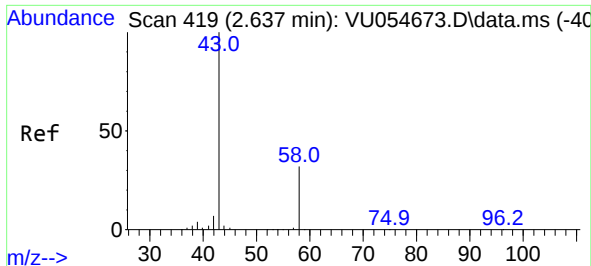
Tgt Ion:101 Resp: 116937
Ion Ratio Lower Upper
101 100
85 43.1 34.6 51.8
151 70.4 57.7 86.5



#12
1,1-Dichloroethene
Concen: 4.349 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.003 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

Tgt Ion: 96 Resp: 101434
Ion Ratio Lower Upper
96 100
61 182.1 119.9 222.7
63 111.1 64.3 119.3

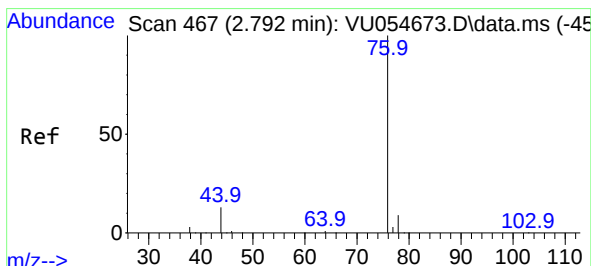
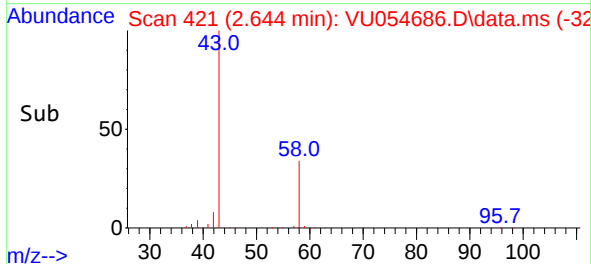
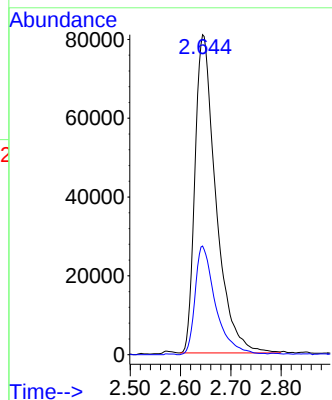
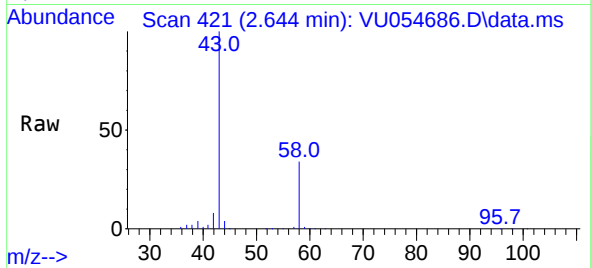




#13
Acetone
Concen: 43.104 ug/L
RT: 2.644 min Scan# 419
Delta R.T. 0.003 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

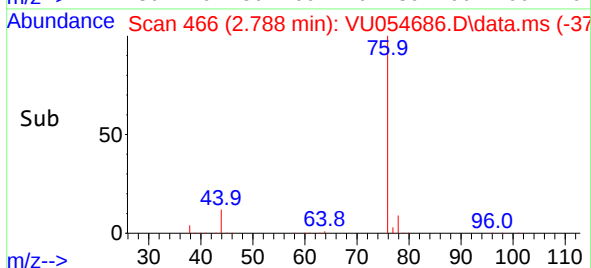
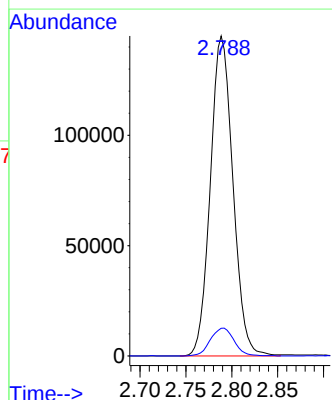
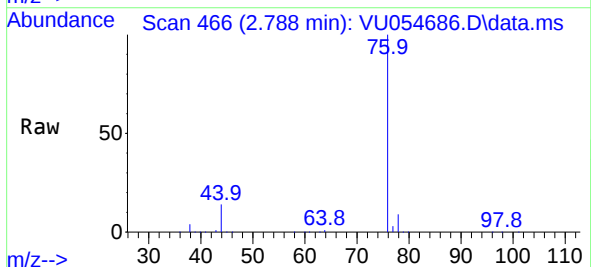
Instrument :
MSVOA_U
ClientSampleId :
VSTD005081

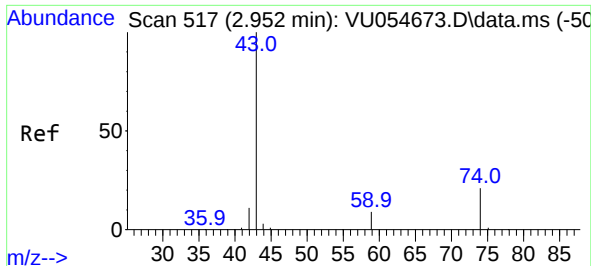
Tgt Ion: 43 Resp: 233871
Ion Ratio Lower Upper
43 100
58 33.3 0.0 67.2



#14
Carbon disulfide
Concen: 3.594 ug/L
RT: 2.788 min Scan# 466
Delta R.T. -0.003 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

Tgt Ion: 76 Resp: 248627
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0

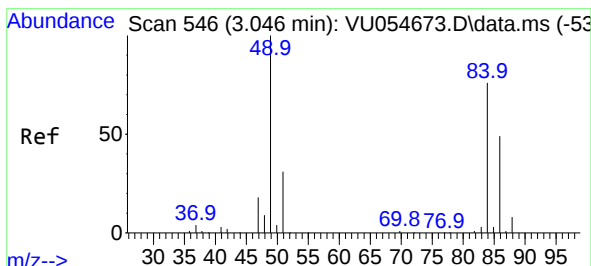
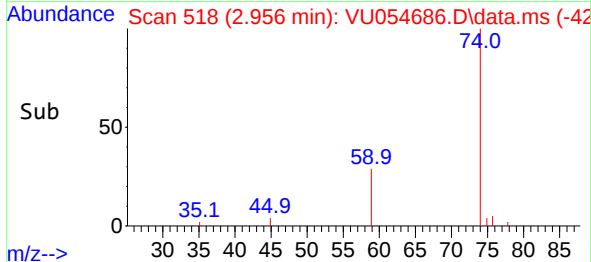
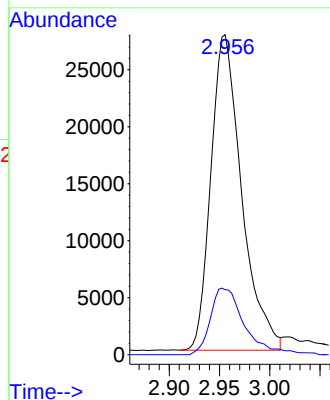
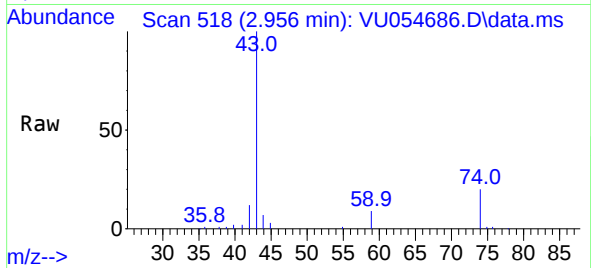




#15
Methyl Acetate
Concen: 5.864 ug/L
RT: 2.956 min Scan# 517
Delta R.T. 0.003 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

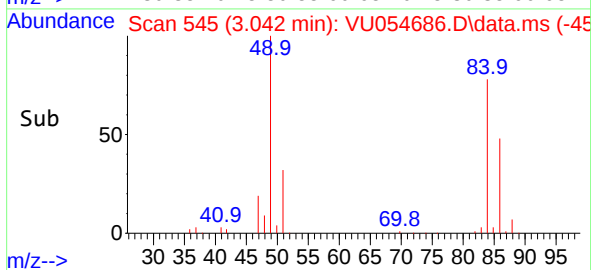
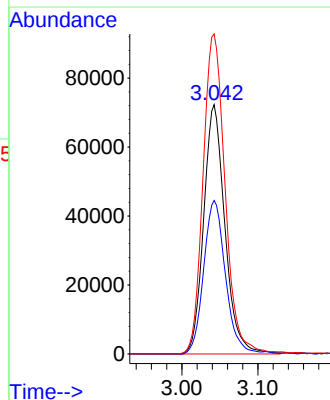
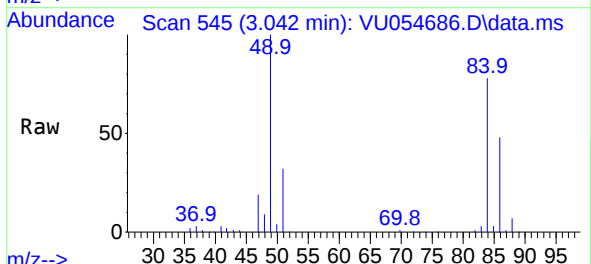
Instrument :
MSVOA_U
ClientSampleId :
VSTD005081

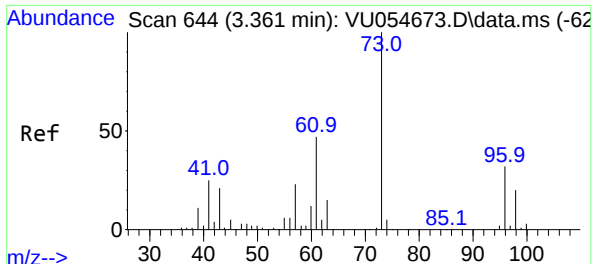
Tgt Ion: 43 Resp: 58963
Ion Ratio Lower Upper
43 100
74 23.4 19.0 28.6



#16
Methylene chloride
Concen: 4.281 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

Tgt Ion: 84 Resp: 140424
Ion Ratio Lower Upper
84 100
86 61.6 43.9 81.5
49 128.4 86.1 159.9





#17

Methyl tert-butyl Ether

Concen: 5.150 ug/L

RT: 3.361 min Scan# 644

Delta R.T. 0.000 min

Lab File: VU054686.D

Acq: 28 Jun 2023 17:55

Instrument :

MSVOA_U

ClientSampleId :

VSTD005081

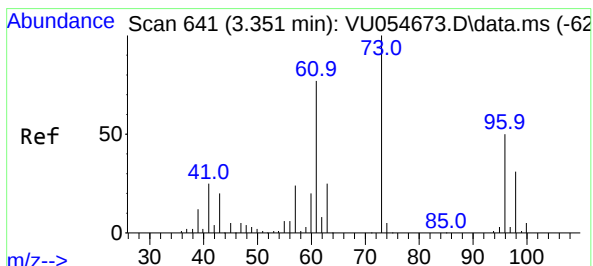
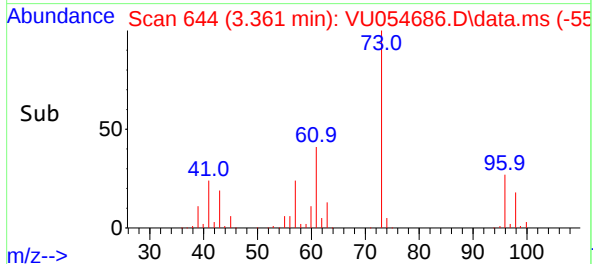
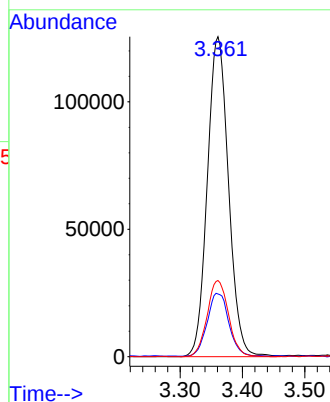
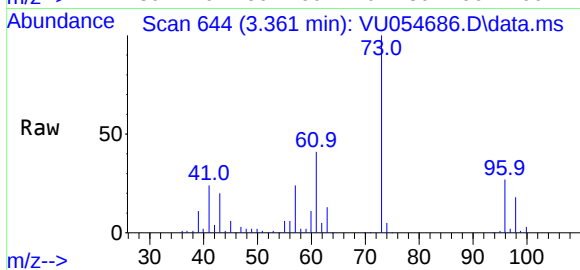
Tgt Ion: 73 Resp: 296535

Ion Ratio Lower Upper

73 100

43 20.0 15.7 23.5

57 24.1 18.6 28.0



#18

trans-1,2-Dichloroethene

Concen: 4.294 ug/L

RT: 3.348 min Scan# 640

Delta R.T. -0.003 min

Lab File: VU054686.D

Acq: 28 Jun 2023 17:55

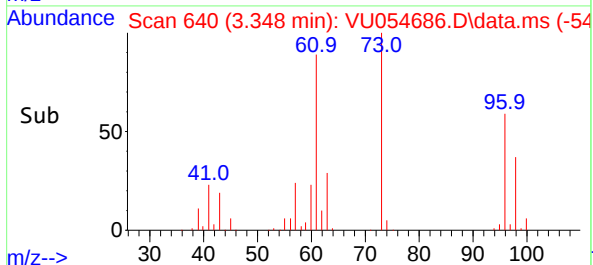
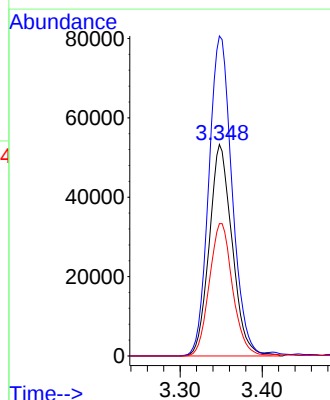
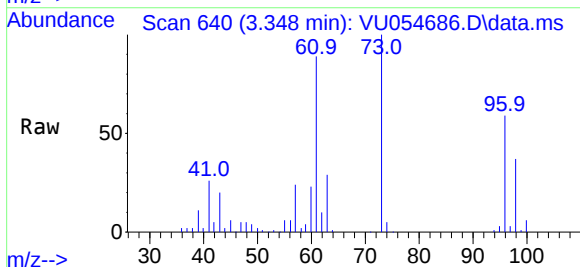
Tgt Ion: 96 Resp: 103424

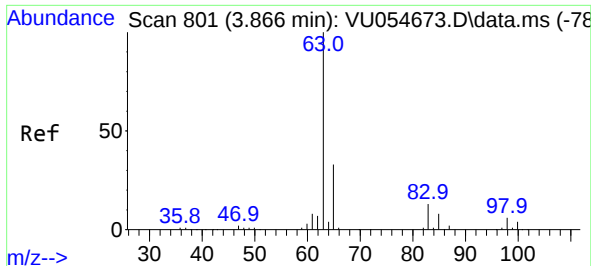
Ion Ratio Lower Upper

96 100

61 151.3 104.6 194.2

98 62.6 45.4 84.4

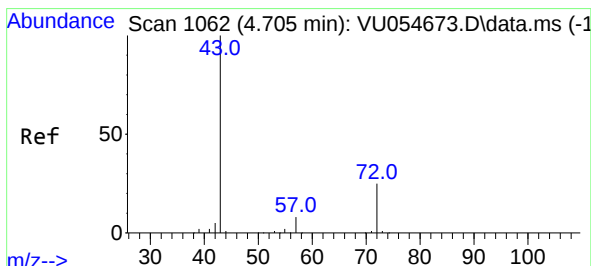
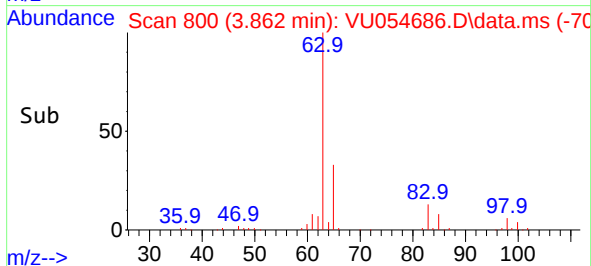
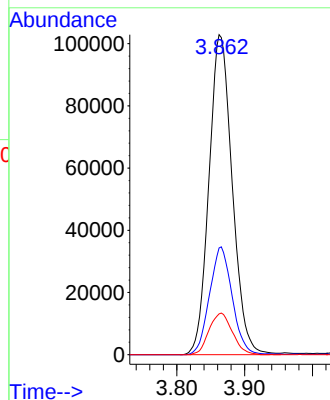
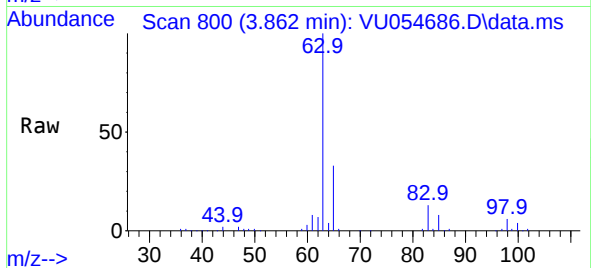




#19
1,1-Dichloroethane
Concen: 4.921 ug/L
RT: 3.862 min Scan# 801
Delta R.T. -0.003 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

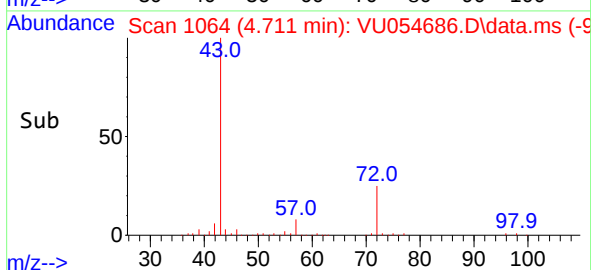
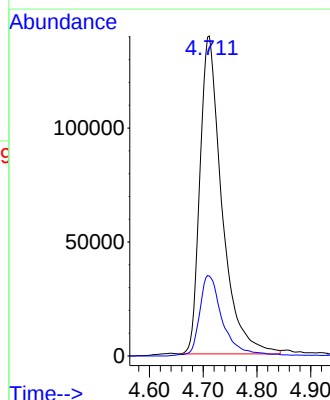
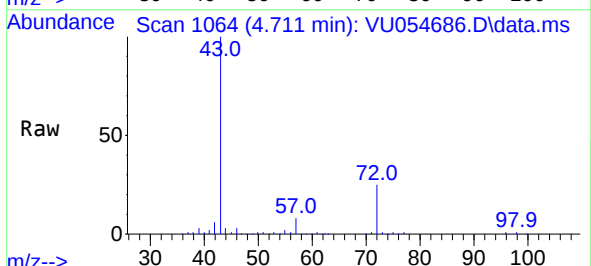
Instrument :
MSVOA_U
ClientSampleId :
VSTD005081

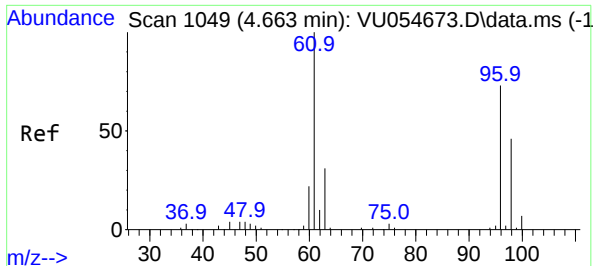
Tgt Ion: 63 Resp: 245286
Ion Ratio Lower Upper
63 100
65 33.4 22.2 41.2
83 12.8 9.0 16.6



#21
2-Butanone
Concen: 56.212 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

Tgt Ion: 43 Resp: 395825
Ion Ratio Lower Upper
43 100
72 26.4 13.4 40.1

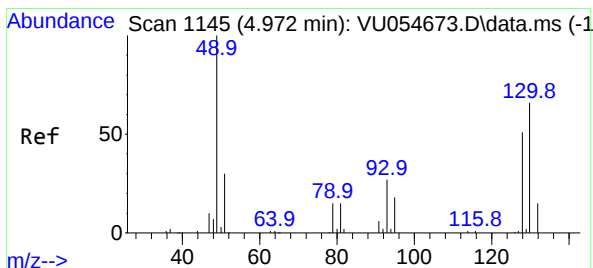
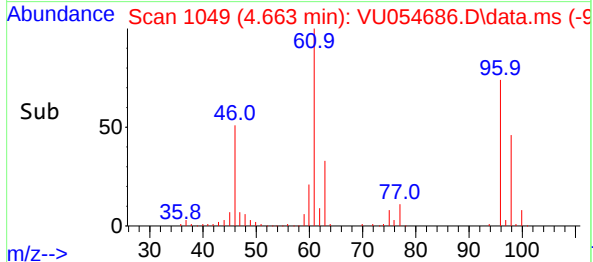
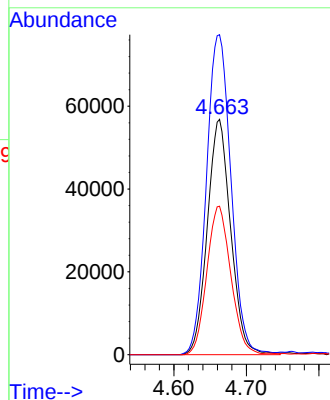
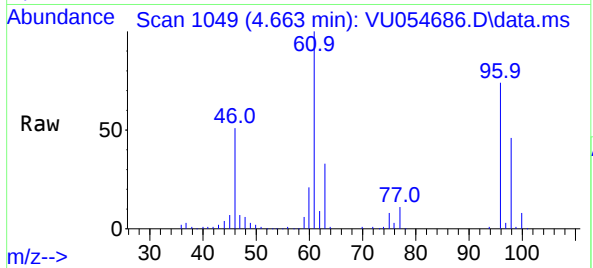




#22
cis-1,2-Dichloroethene
Concen: 4.655 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

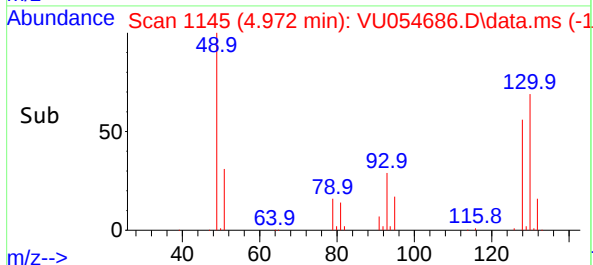
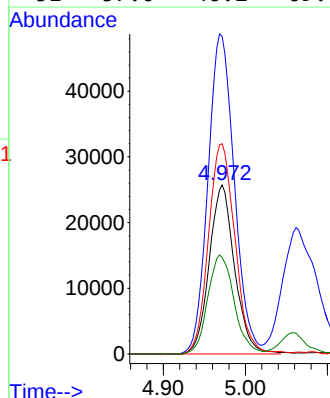
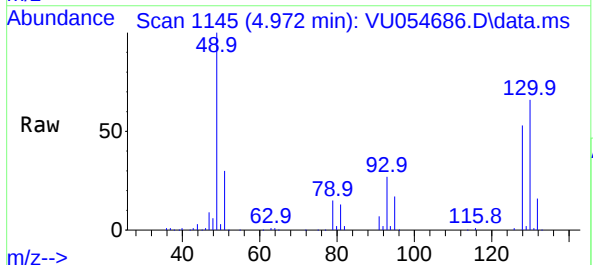
Instrument :
MSVOA_U
ClientSampleId :
VSTD005081

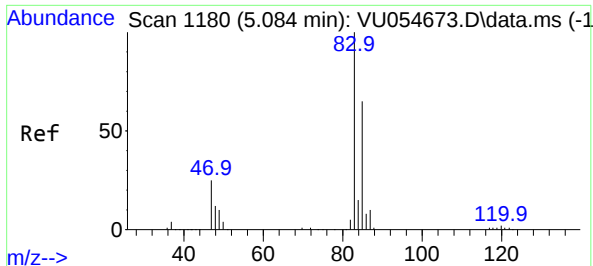
Tgt Ion: 96 Resp: 127663
Ion Ratio Lower Upper
96 100
61 135.9 96.5 179.1
98 63.1 44.9 83.3



#23
Bromochloromethane
Concen: 4.842 ug/L
RT: 4.972 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

Tgt Ion:128 Resp: 55256
Ion Ratio Lower Upper
128 100
49 187.9 132.1 245.3
130 124.4 91.5 169.9
51 57.0 46.2 69.4

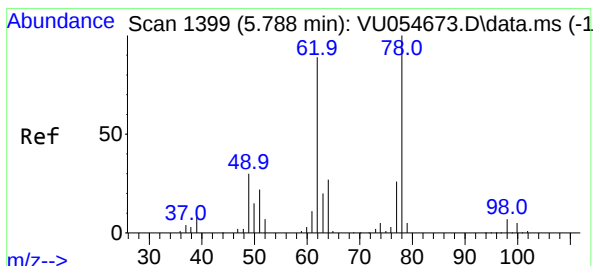
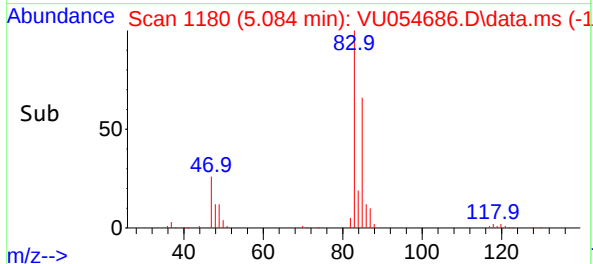
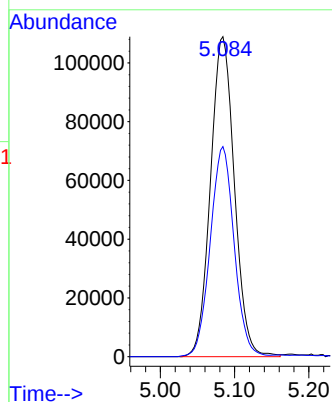
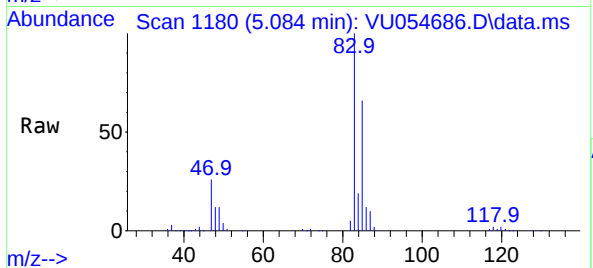




#25
Chloroform
Concen: 4.960 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

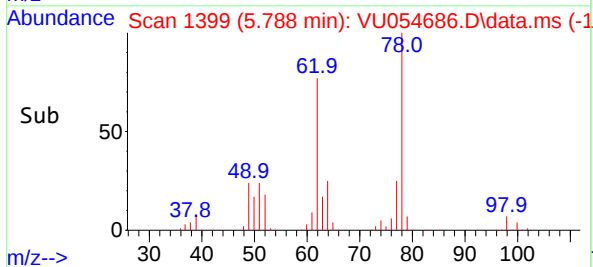
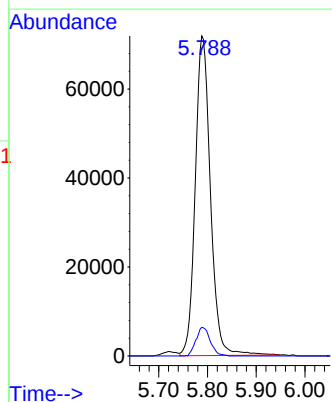
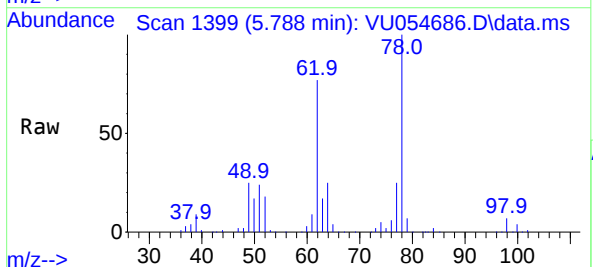
Instrument :
MSVOA_U
ClientSampleId :
VSTD005081

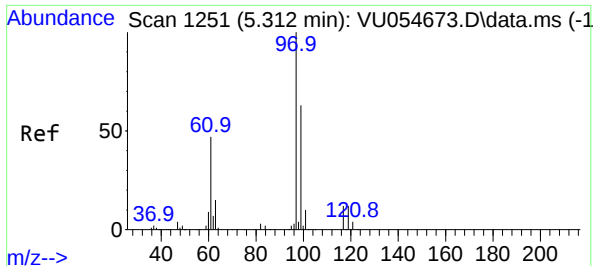
Tgt Ion: 83 Resp: 243690
Ion Ratio Lower Upper
83 100
85 65.7 44.7 82.9



#27
1,2-Dichloroethane
Concen: 5.399 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

Tgt Ion: 62 Resp: 155486
Ion Ratio Lower Upper
62 100
98 9.0 7.8 11.6

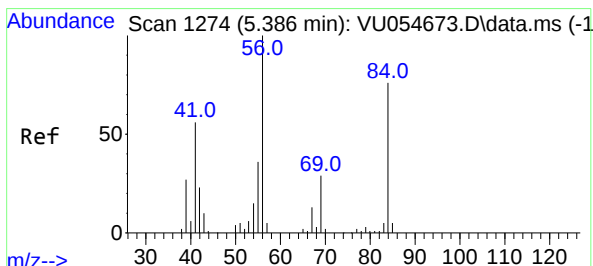
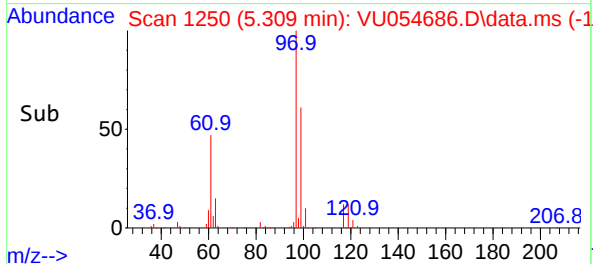
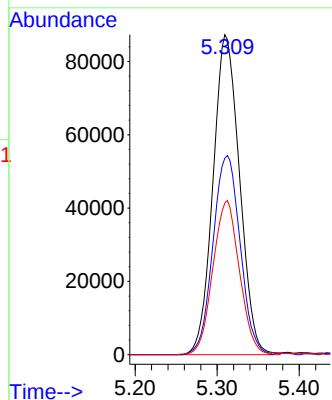
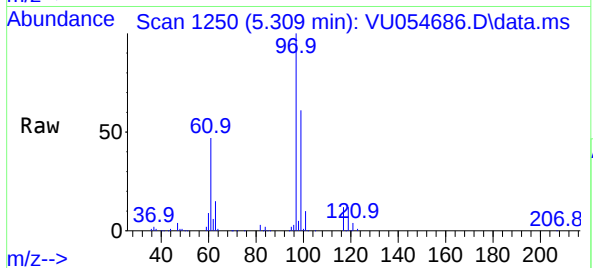




#29
1,1,1-Trichloroethane
Concen: 4.728 ug/L
RT: 5.309 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

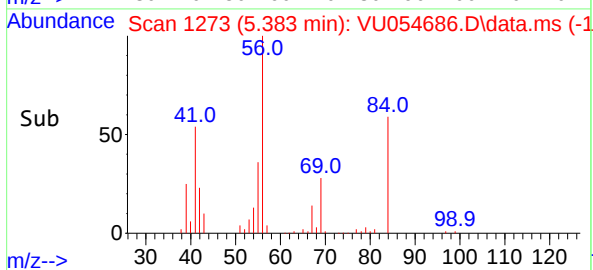
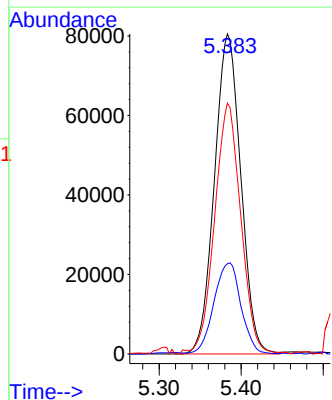
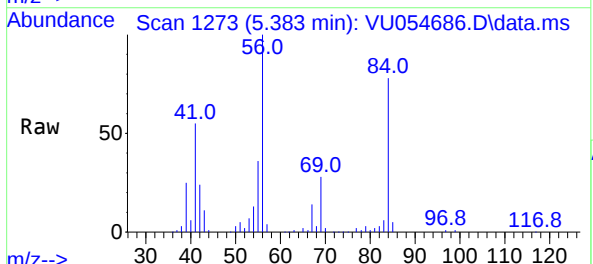
Instrument :
MSVOA_U
ClientSampleId :
VSTD005081

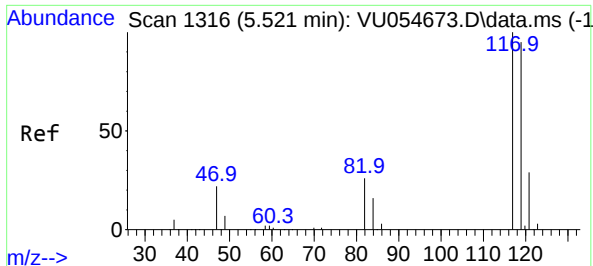
Tgt Ion: 97 Resp: 196446
Ion Ratio Lower Upper
97 100
99 63.7 50.8 76.2
61 48.1 36.1 54.1



#30
Cyclohexane
Concen: 3.981 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. -0.003 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

Tgt Ion: 56 Resp: 180173
Ion Ratio Lower Upper
56 100
69 28.9 23.9 35.9
84 77.7 63.0 94.6

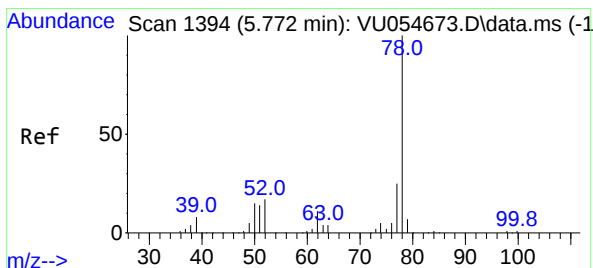
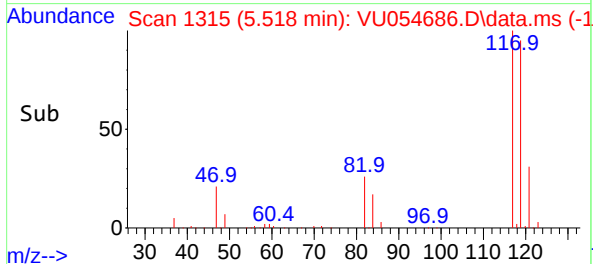
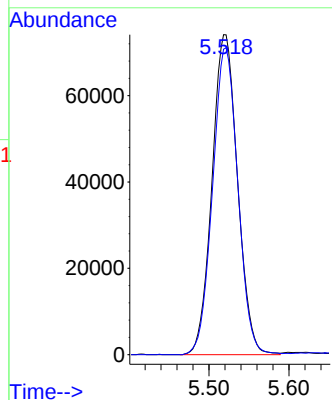
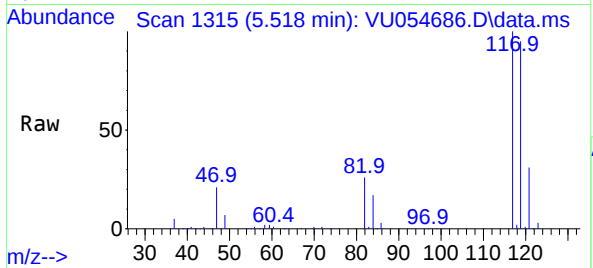




#31
Carbon tetrachloride
Concen: 4.585 ug/L
RT: 5.518 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

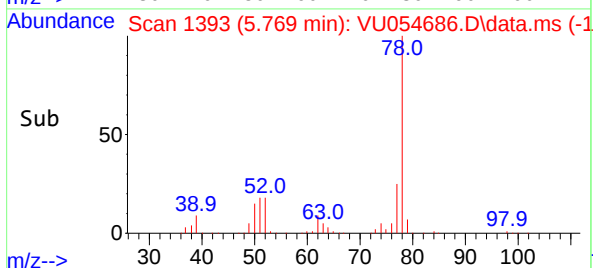
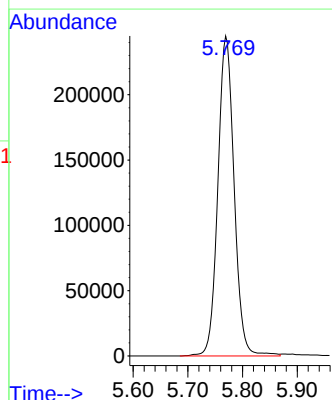
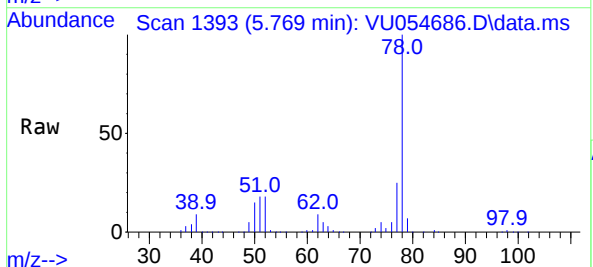
Instrument :
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ClientSampleId :
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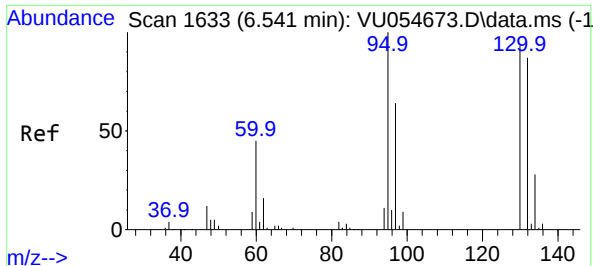
Tgt Ion:117 Resp: 164174
Ion Ratio Lower Upper
117 100
119 95.1 76.8 115.2



#33
Benzene
Concen: 4.591 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

Tgt Ion: 78 Resp: 505672

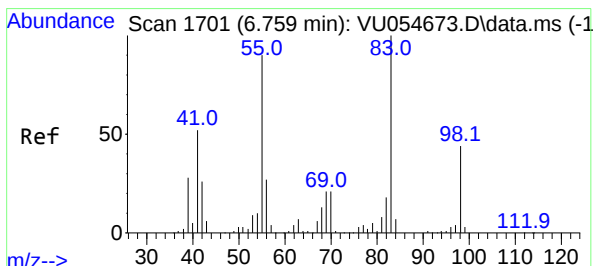
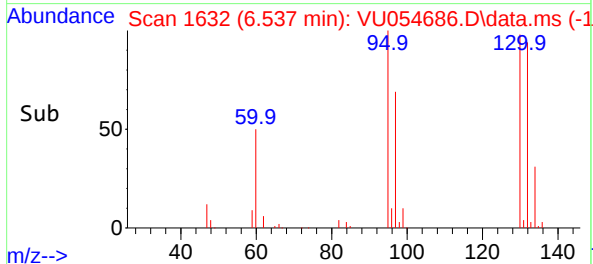
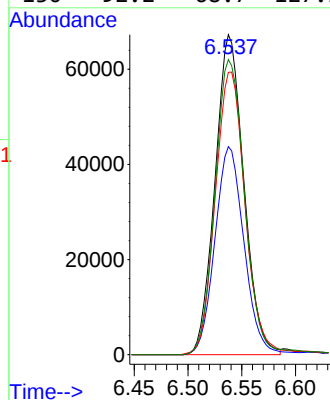
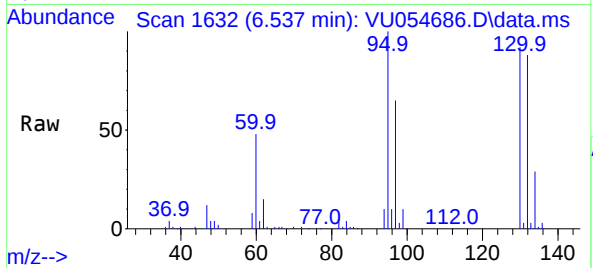




#34
Trichloroethene
Concen: 4.311 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

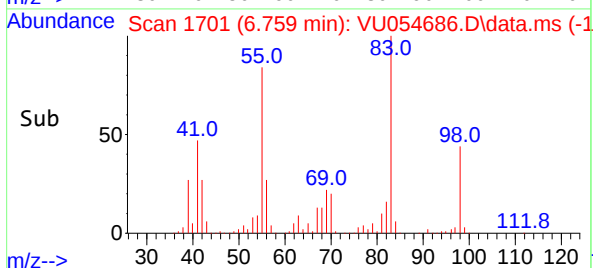
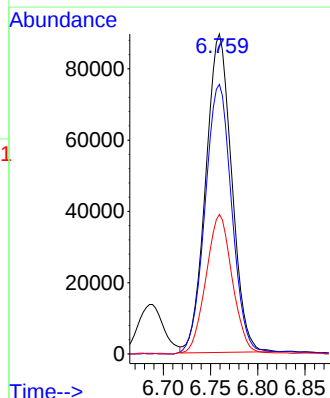
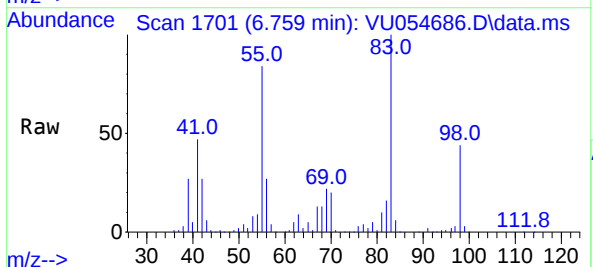
Instrument :
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ClientSampleId :
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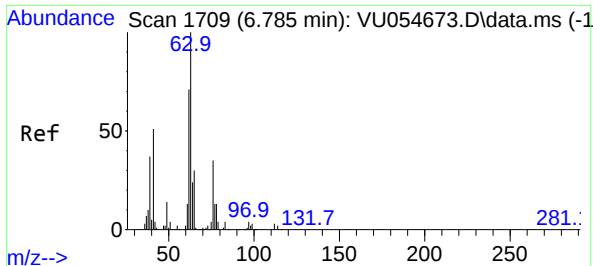
Tgt Ion: 95 Resp: 125537
Ion Ratio Lower Upper
95 100
97 65.0 46.8 87.0
132 88.3 68.4 127.0
130 92.2 68.7 127.5



#35
Methylcyclohexane
Concen: 3.877 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

Tgt Ion: 83 Resp: 170668
Ion Ratio Lower Upper
83 100
55 87.7 67.1 100.7
98 44.7 35.1 52.7

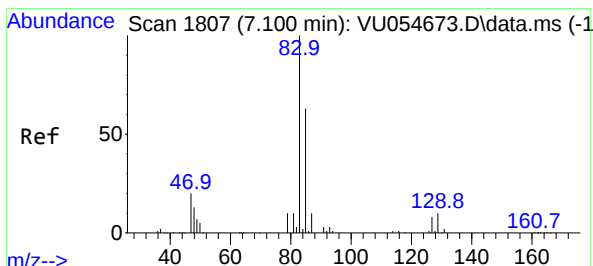
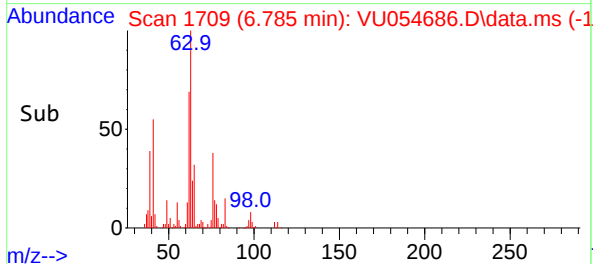
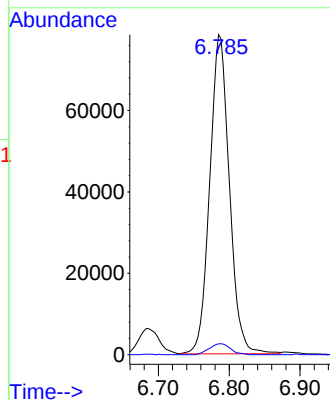
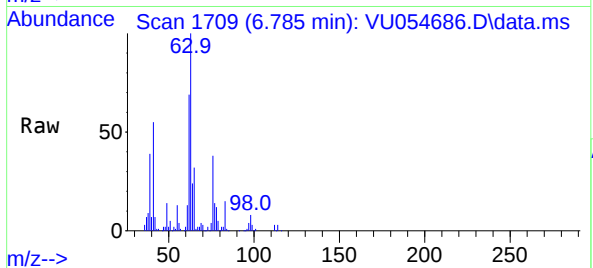




#37
1,2-Dichloropropane
Concen: 5.064 ug/L
RT: 6.785 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

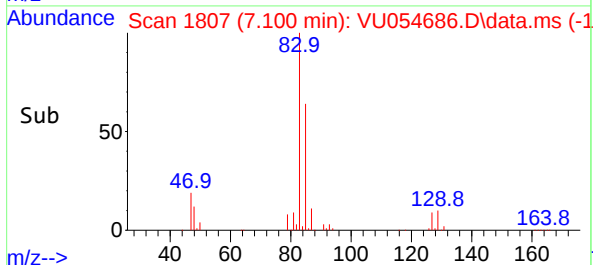
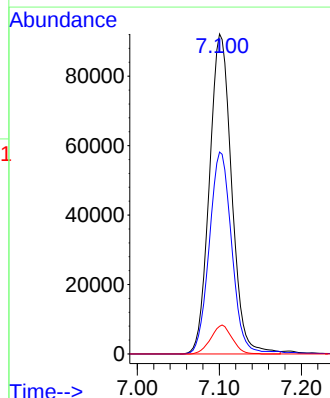
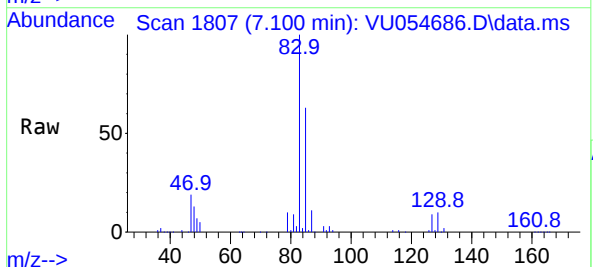
Instrument :
MSVOA_U
ClientSampleId :
VSTD005081

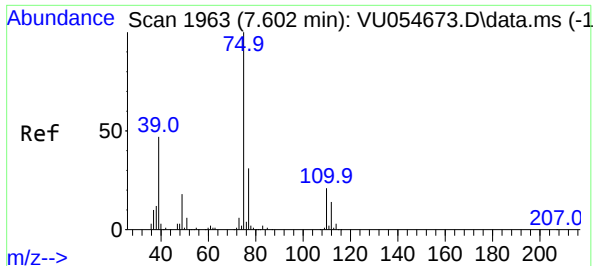
Tgt Ion: 63 Resp: 150808
Ion Ratio Lower Upper
63 100
112 3.7 3.0 4.6



#38
Bromodichloromethane
Concen: 5.142 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

Tgt Ion: 83 Resp: 173327
Ion Ratio Lower Upper
83 100
85 63.1 44.1 81.9
127 8.7 6.6 10.0

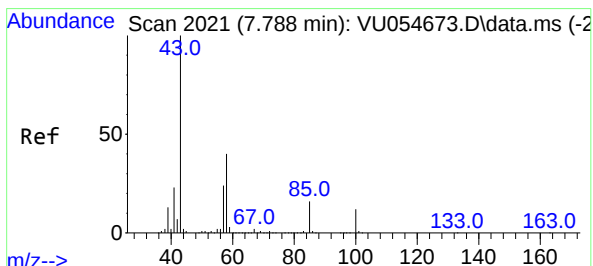
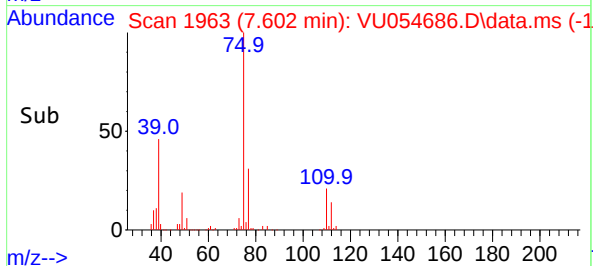
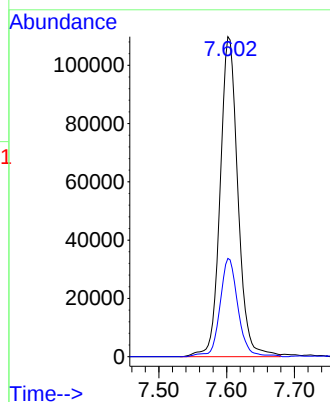
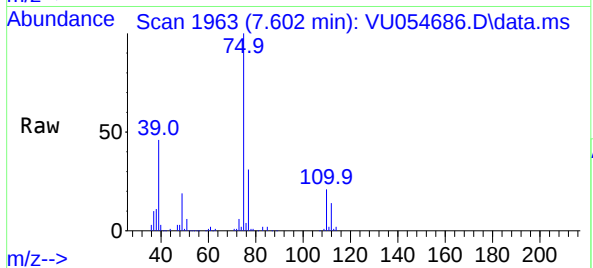




#39
cis-1,3-Dichloropropene
Concen: 4.925 ug/L
RT: 7.602 min Scan# 1963
Delta R.T. -0.003 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

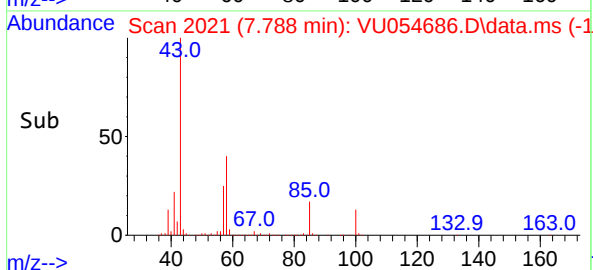
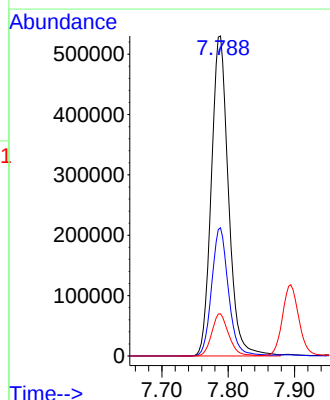
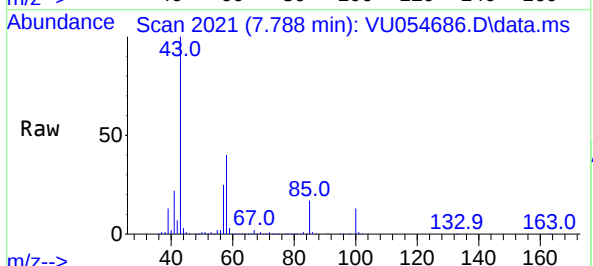
Instrument :
MSVOA_U
ClientSampleId :
VSTD005081

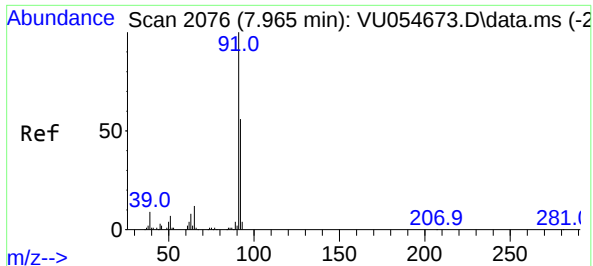
Tgt Ion: 75 Resp: 200215
Ion Ratio Lower Upper
75 100
77 30.7 22.3 41.5



#40
4-Methyl-2-pentanone
Concen: 59.910 ug/L
RT: 7.788 min Scan# 2021
Delta R.T. 0.003 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

Tgt Ion: 43 Resp: 952029
Ion Ratio Lower Upper
43 100
58 39.3 32.4 48.6
100 13.0 11.4 17.2





#42

Toluene

Concen: 4.691 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU054686.D

Acq: 28 Jun 2023 17:55

Instrument :

MSVOA_U

ClientSampleId :

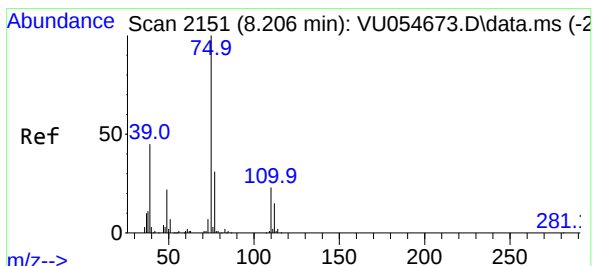
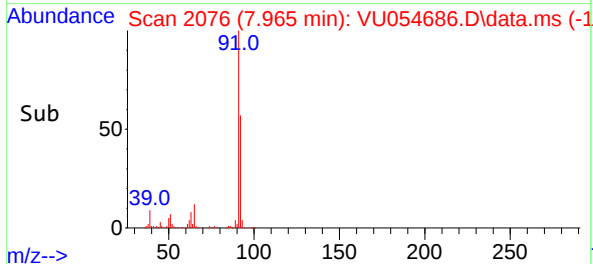
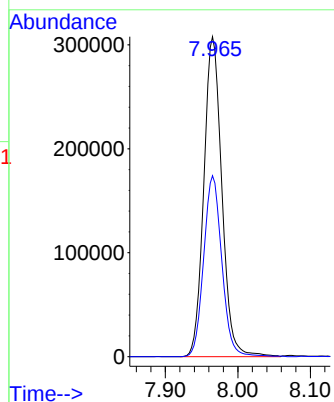
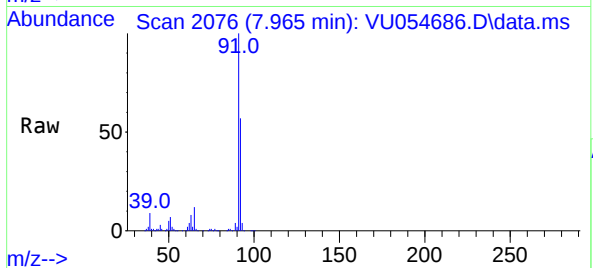
VSTD005081

Tgt Ion: 91 Resp: 532019

Ion Ratio Lower Upper

91 100

92 56.6 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 5.127 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU054686.D

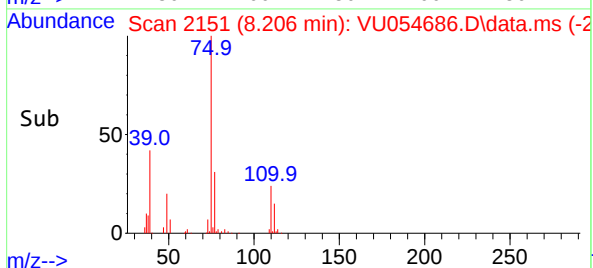
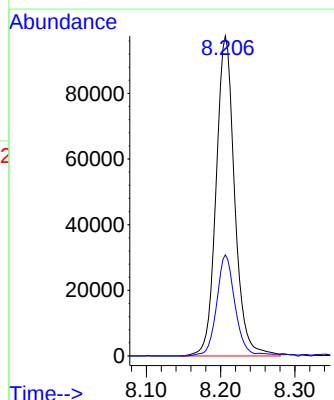
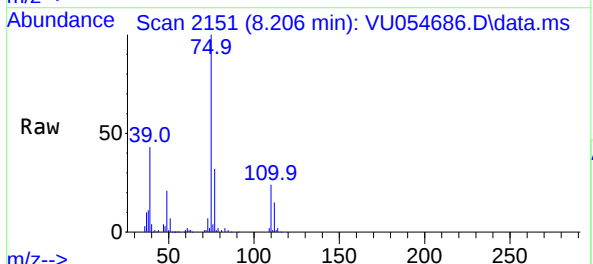
Acq: 28 Jun 2023 17:55

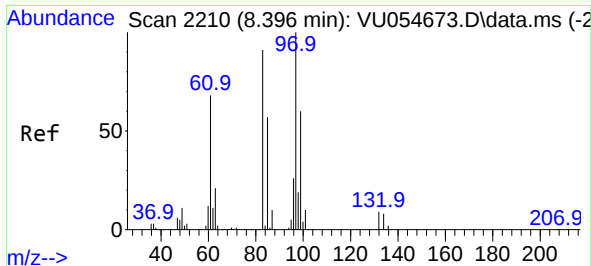
Tgt Ion: 75 Resp: 169164

Ion Ratio Lower Upper

75 100

77 31.6 21.3 39.6

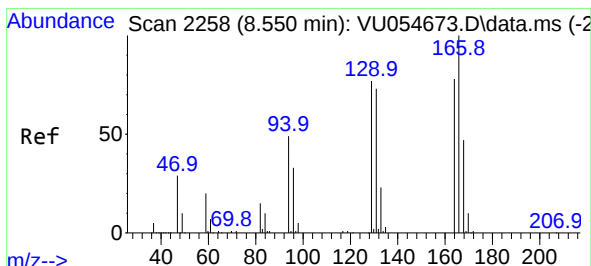
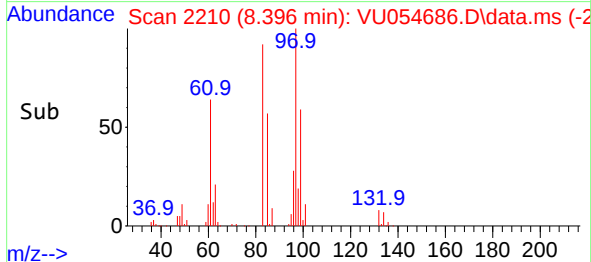
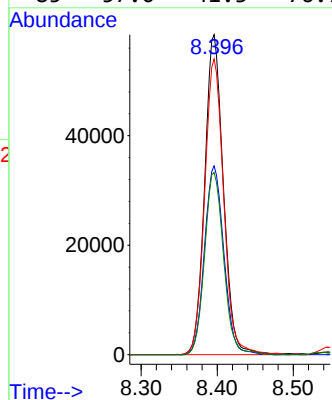
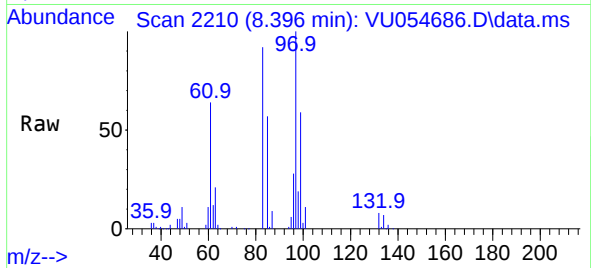




#45
1,1,2-Trichloroethane
Concen: 5.274 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. 0.000 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

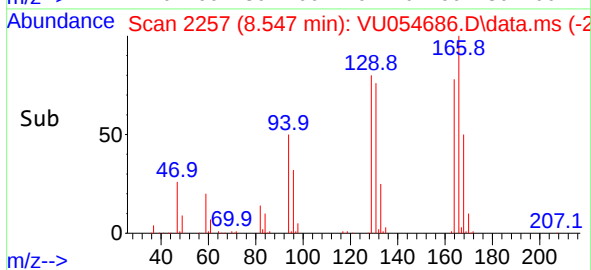
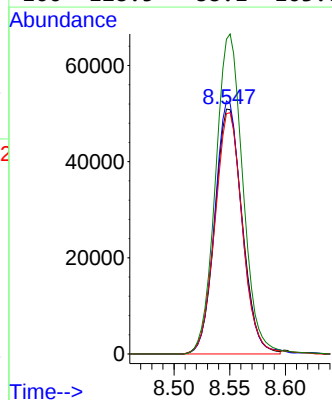
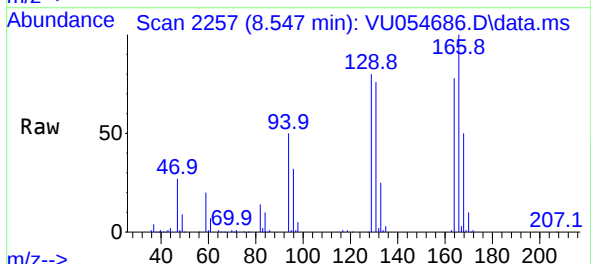
Instrument :
MSVOA_U
ClientSampleId :
VSTD005081

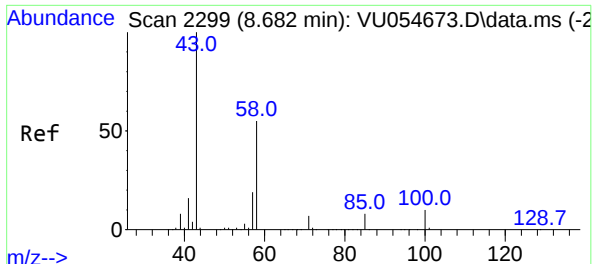
Tgt Ion:	97	Resp:	99908
Ion	Ratio	Lower	Upper
97	100		
99	59.0	43.0	80.0
83	92.5	63.8	118.6
85	57.0	41.3	76.7



#47
Tetrachloroethene
Concen: 3.919 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

Tgt Ion:	164	Resp:	87358
Ion	Ratio	Lower	Upper
164	100		
129	103.3	67.7	125.7
131	98.1	64.6	120.0
166	128.5	88.1	163.7



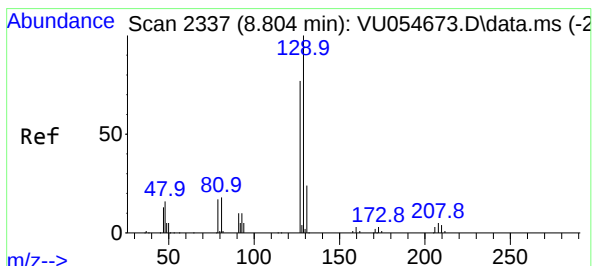
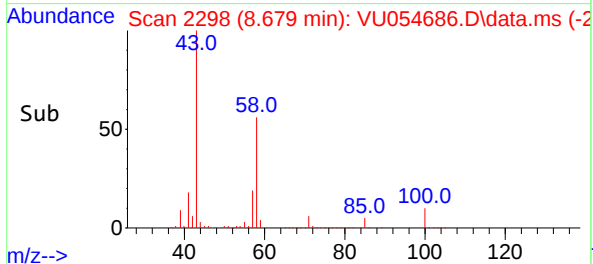
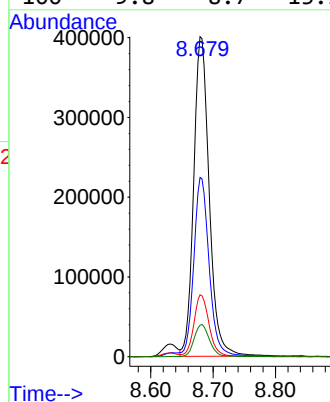
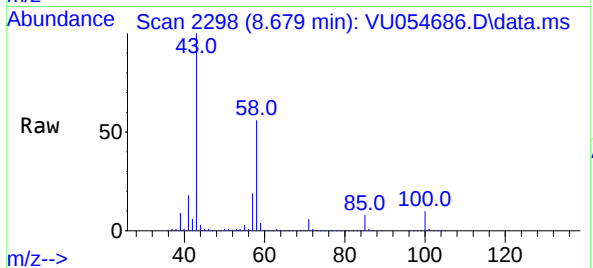


#48
2-Hexanone
Concen: 58.617 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

Instrument :
MSVOA_U
ClientSampleId :
VSTD005081

Tgt Ion: 43 Resp: 694057

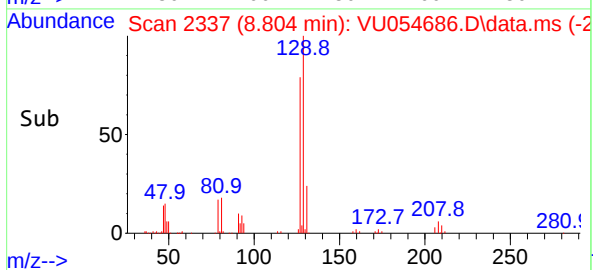
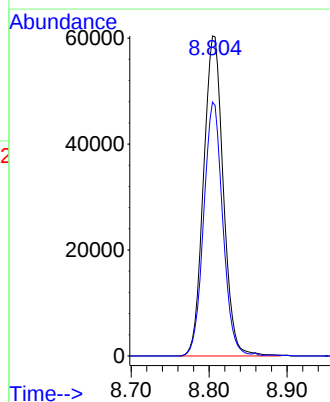
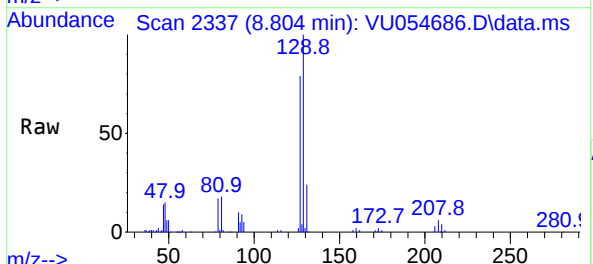
Ion	Ratio	Lower	Upper
43	100		
58	55.6	45.2	67.8
57	18.8	15.8	23.6
100	9.8	8.7	13.1

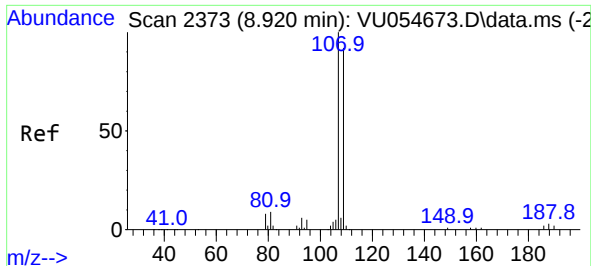


#49
Dibromochloromethane
Concen: 5.352 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

Tgt Ion: 129 Resp: 106463

Ion	Ratio	Lower	Upper
129	100		
127	79.3	53.2	98.8

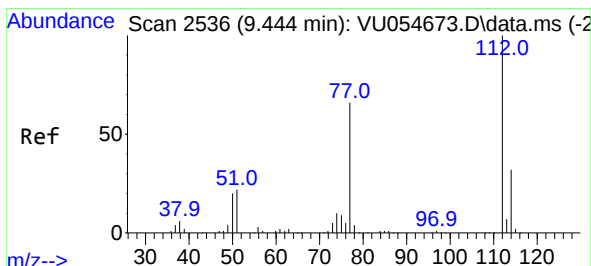
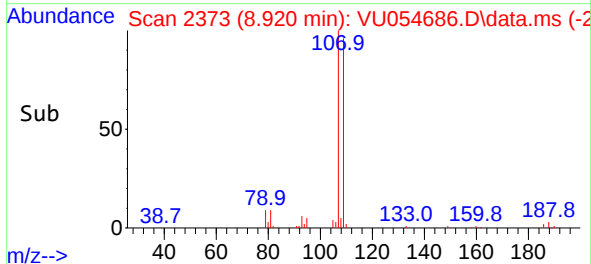
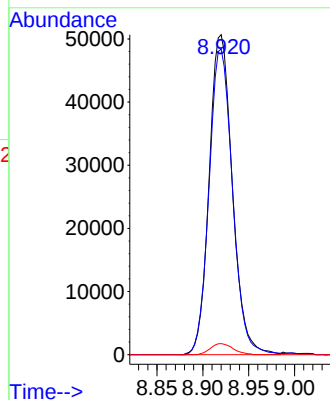
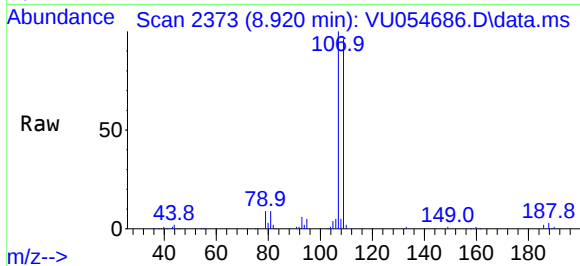




#50
1,2-Dibromoethane
Concen: 5.120 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

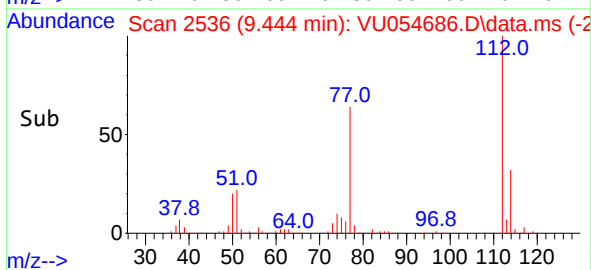
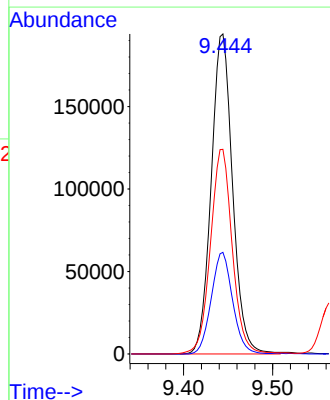
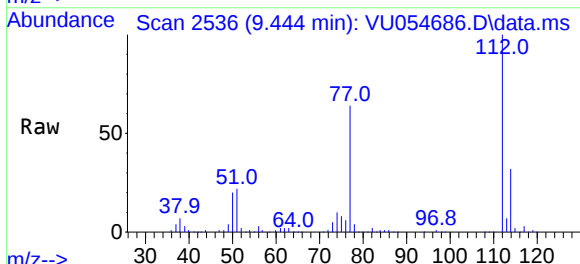
Instrument :
MSVOA_U
ClientSampleId :
VSTD005081

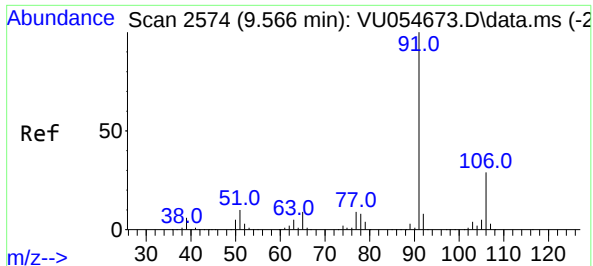
Tgt Ion:107 Resp: 89049
Ion Ratio Lower Upper
107 100
109 95.5 66.6 123.6
188 3.4 3.1 4.7



#51
Chlorobenzene
Concen: 4.570 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

Tgt Ion:112 Resp: 323085
Ion Ratio Lower Upper
112 100
114 31.8 22.7 42.1
77 64.0 49.8 74.8

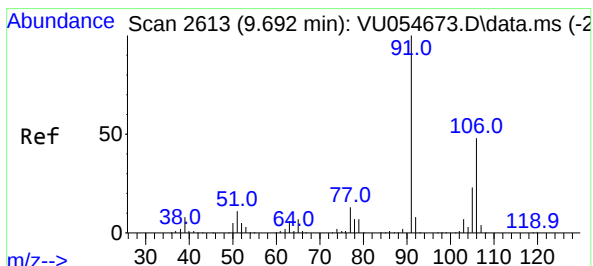
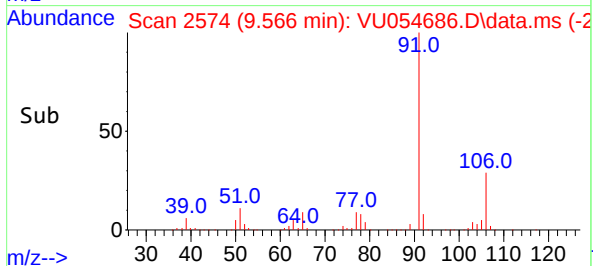
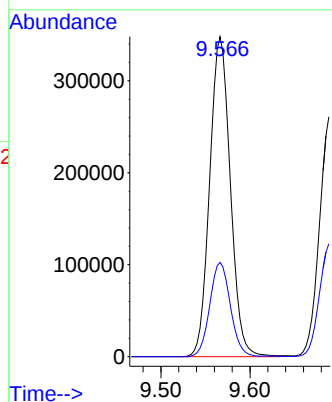
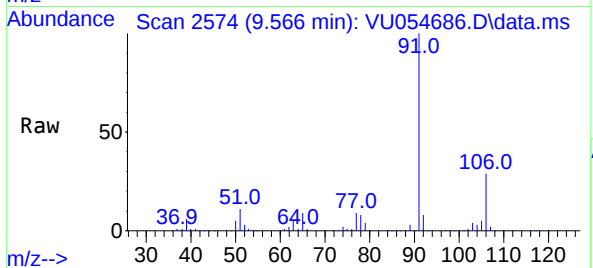




#52
Ethylbenzene
Concen: 4.518 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

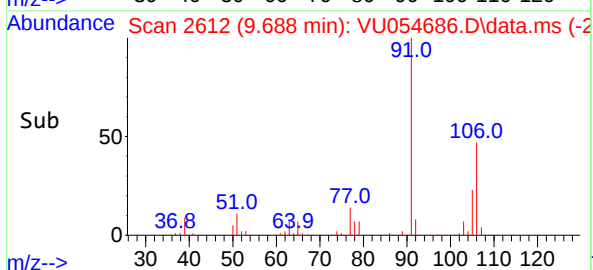
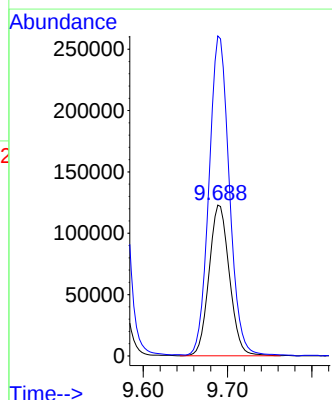
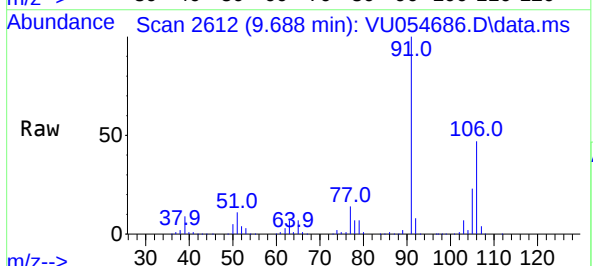
Instrument :
MSVOA_U
ClientSampleId :
VSTD005081

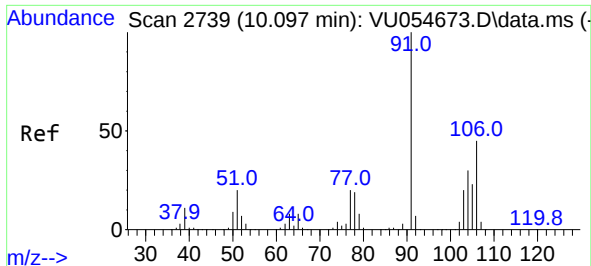
Tgt Ion: 91 Resp: 559671
Ion Ratio Lower Upper
91 100
106 29.5 21.1 39.3



#53
m,p-Xylene
Concen: 4.527 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.003 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

Tgt Ion: 106 Resp: 206007
Ion Ratio Lower Upper
106 100
91 212.1 147.0 273.0

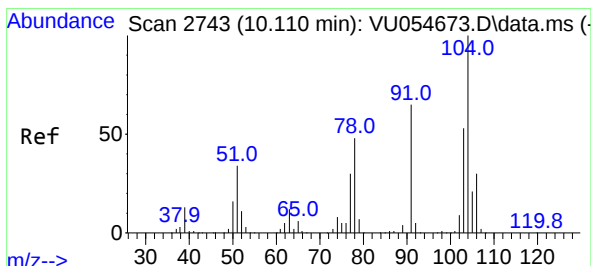
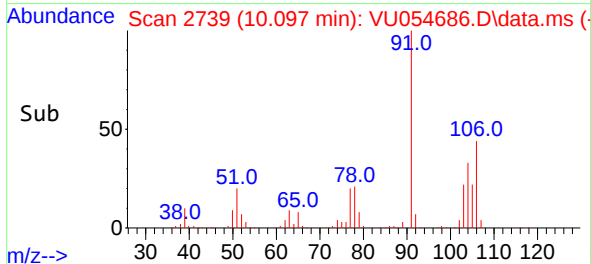
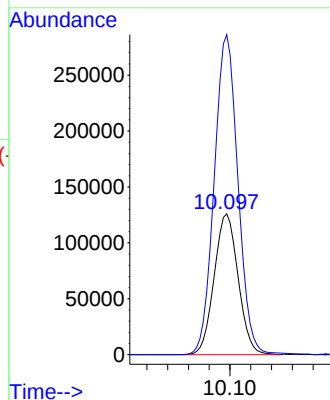
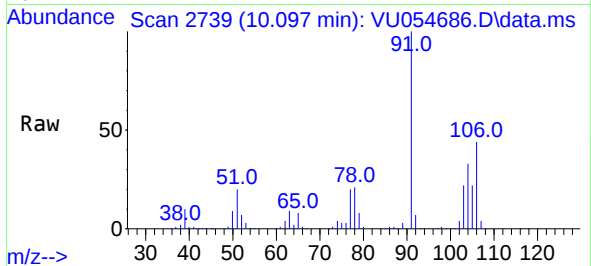




#54
o-Xylene
Concen: 4.591 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

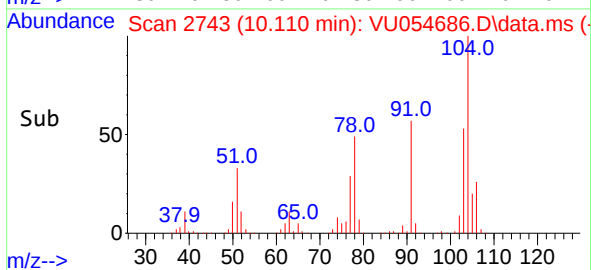
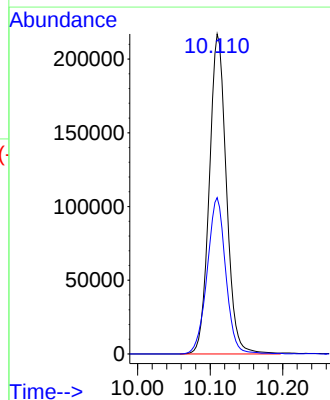
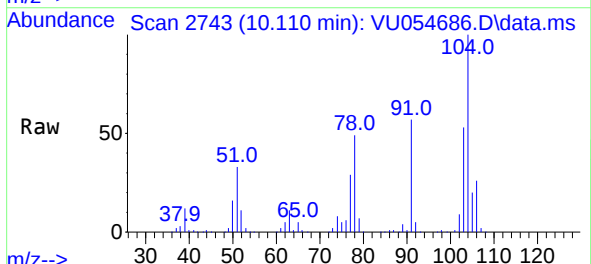
Instrument :
MSVOA_U
ClientSampleId :
VSTD005081

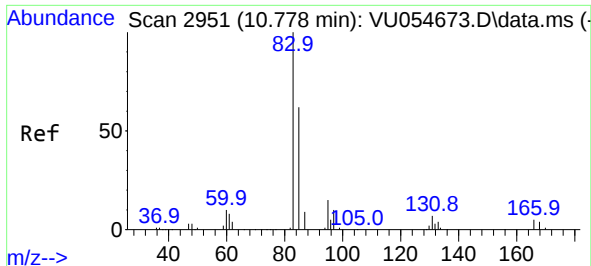
Tgt Ion:106 Resp: 202011
Ion Ratio Lower Upper
106 100
91 227.2 154.5 286.9



#55
Styrene
Concen: 4.814 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

Tgt Ion:104 Resp: 355518
Ion Ratio Lower Upper
104 100
78 48.8 33.0 61.4

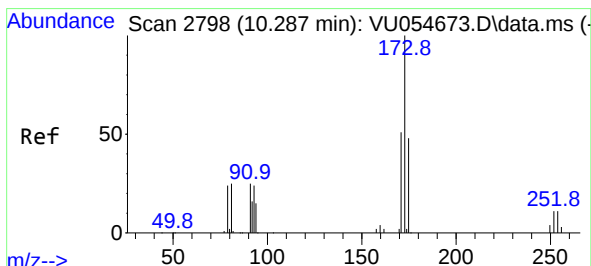
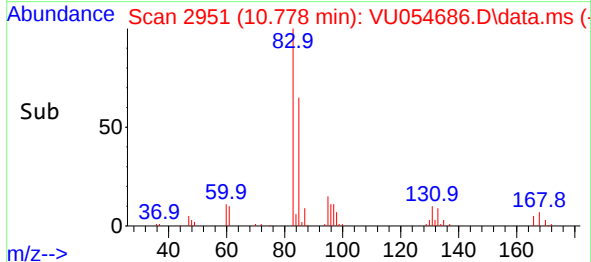
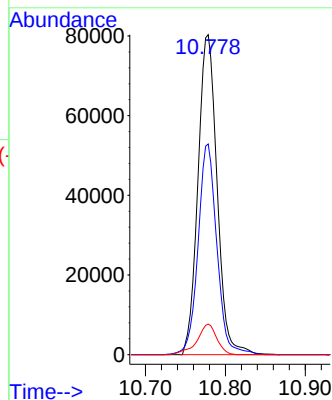
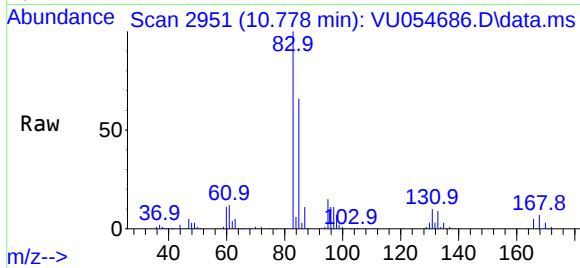




#57
1,1,2,2-Tetrachloroethane
Concen: 5.562 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

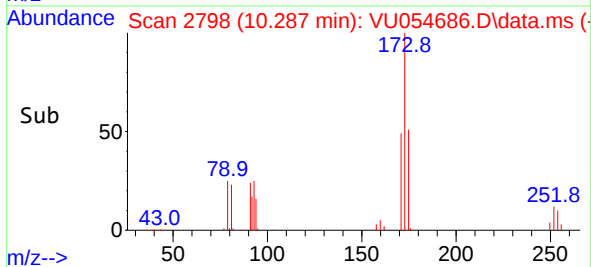
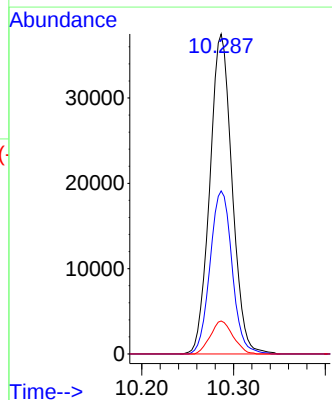
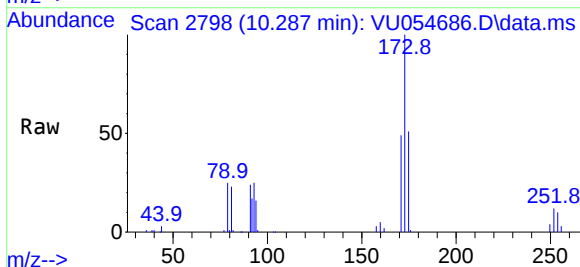
Instrument :
MSVOA_U
ClientSampleId :
VSTD005081

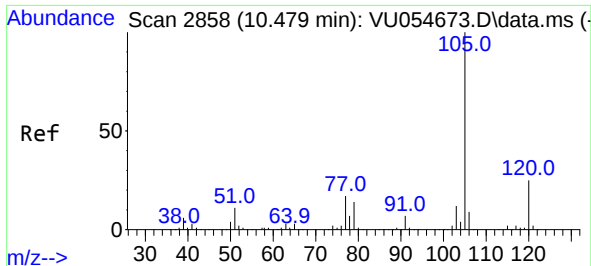
Tgt Ion: 83 Resp: 133825
Ion Ratio Lower Upper
83 100
85 65.9 44.2 82.2
131 9.5 7.0 10.6



#59
Bromoform
Concen: 5.483 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

Tgt Ion:173 Resp: 63229
Ion Ratio Lower Upper
173 100
175 50.4 39.4 59.0
254 10.5 8.6 12.8

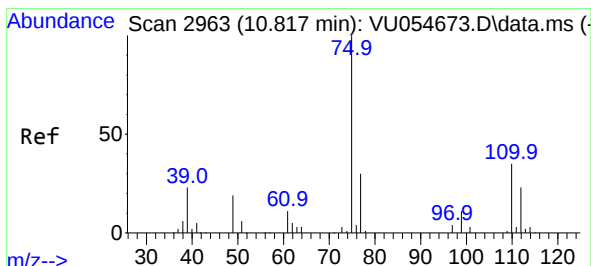
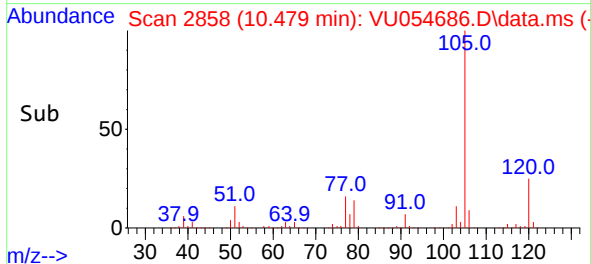
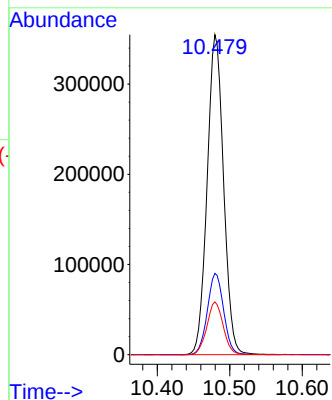
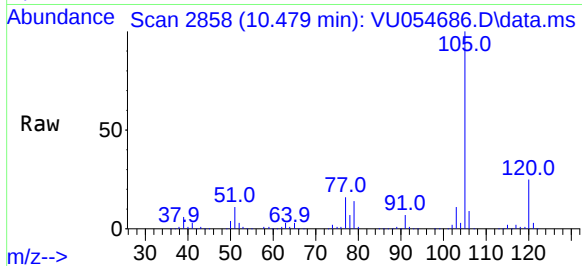




#60
Isopropylbenzene
Concen: 4.743 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

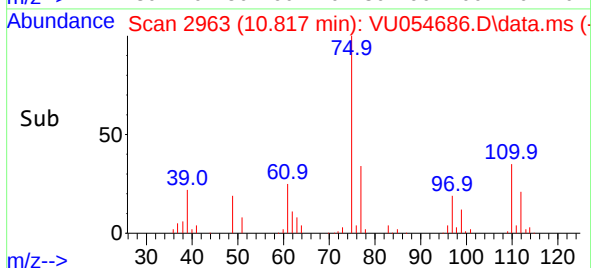
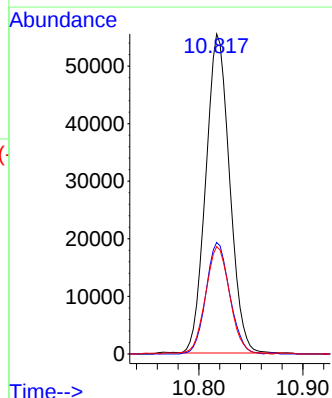
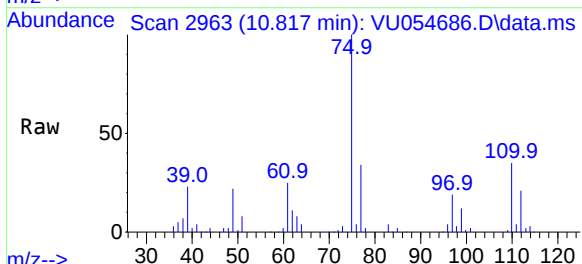
Instrument :
MSVOA_U
ClientSampleId :
VSTD005081

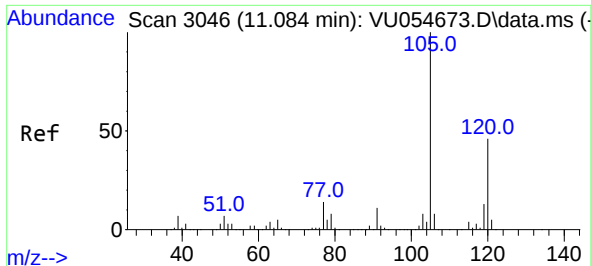
Tgt Ion:105 Resp: 557368
Ion Ratio Lower Upper
105 100
120 25.2 20.9 31.3
77 16.5 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 5.431 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.003 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

Tgt Ion: 75 Resp: 88170
Ion Ratio Lower Upper
75 100
110 34.8 28.0 42.0
77 34.3 25.4 38.2

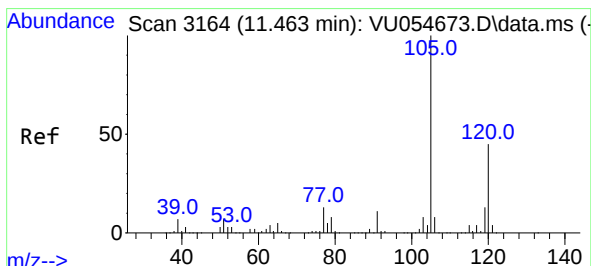
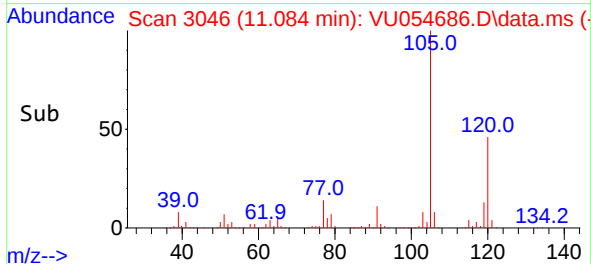
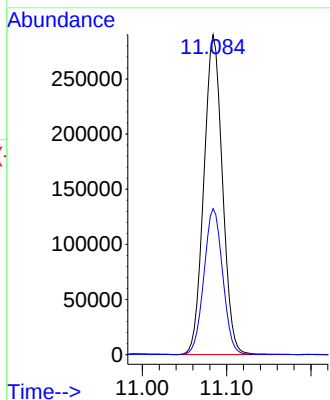
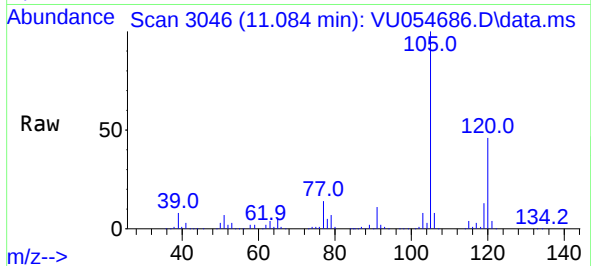




#62
1,3,5-Trimethylbenzene
Concen: 4.635 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

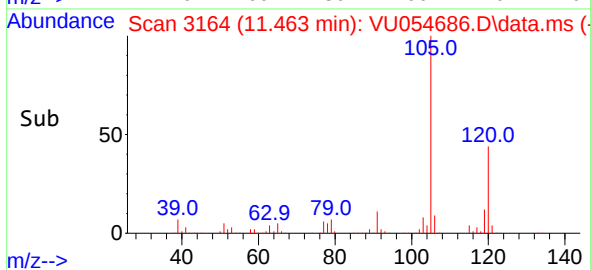
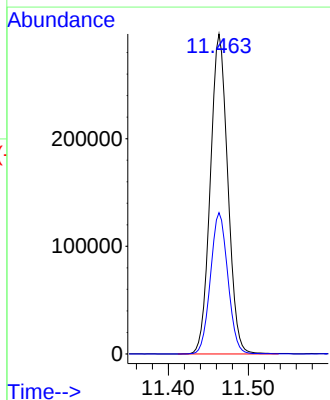
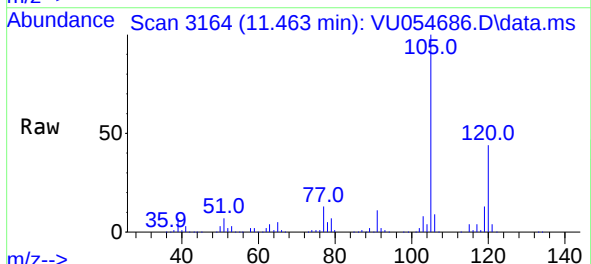
Instrument :
MSVOA_U
ClientSampleId :
VSTD005081

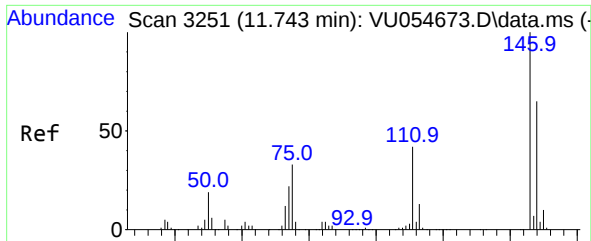
Tgt Ion:105 Resp: 444394
Ion Ratio Lower Upper
105 100
120 46.2 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 4.623 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

Tgt Ion:105 Resp: 450159
Ion Ratio Lower Upper
105 100
120 43.9 35.4 53.0

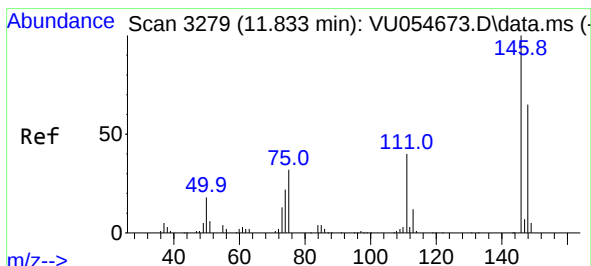
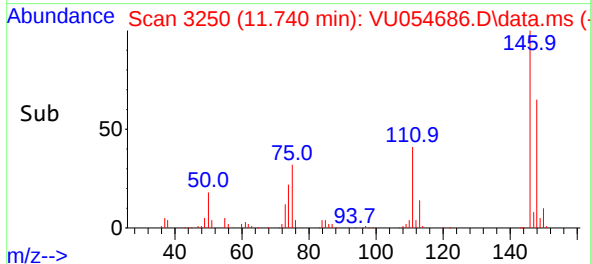
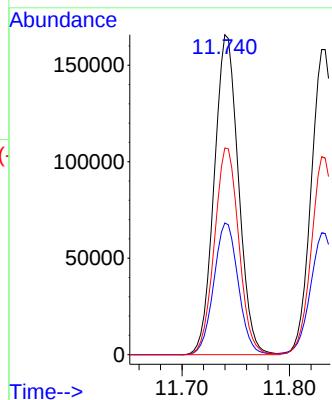
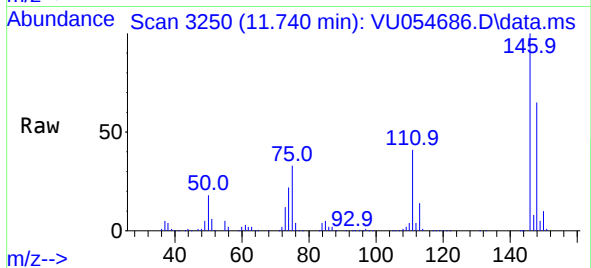




#64
1,3-Dichlorobenzene
Concen: 4.743 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

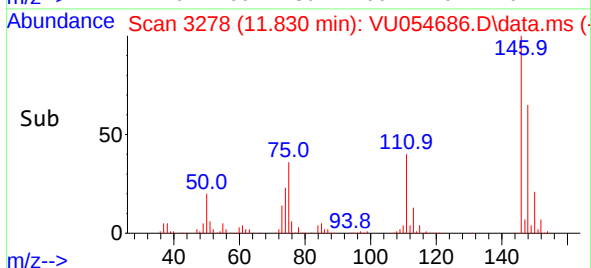
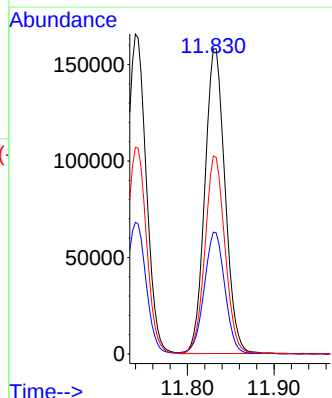
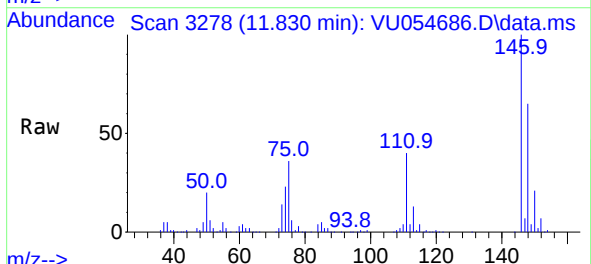
Instrument :
MSVOA_U
ClientSampleId :
VSTD005081

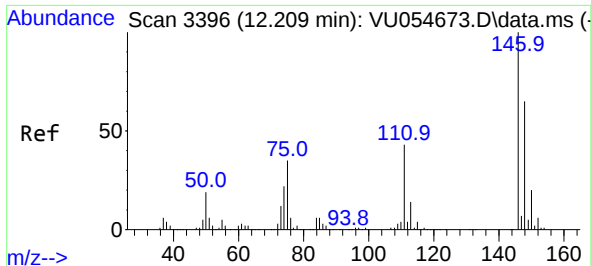
Tgt Ion:146 Resp: 260535
Ion Ratio Lower Upper
146 100
111 41.2 28.9 53.7
148 64.6 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 4.651 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

Tgt Ion:146 Resp: 256399
Ion Ratio Lower Upper
146 100
111 39.9 28.0 52.0
148 64.8 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 4.837 ug/L

RT: 12.209 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU054686.D

Acq: 28 Jun 2023 17:55

Instrument :

MSVOA_U

ClientSampleId :

VSTD005081

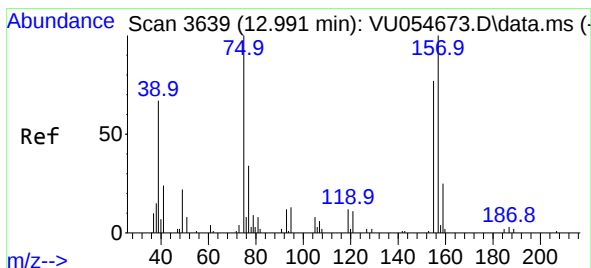
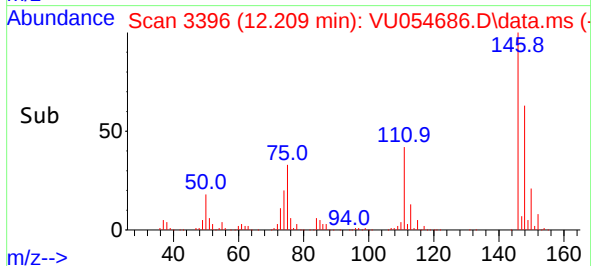
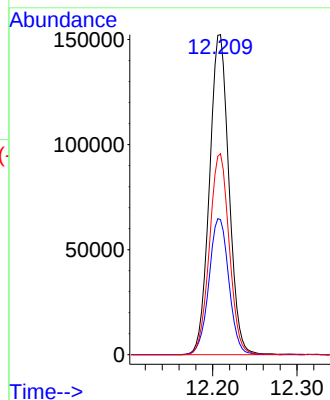
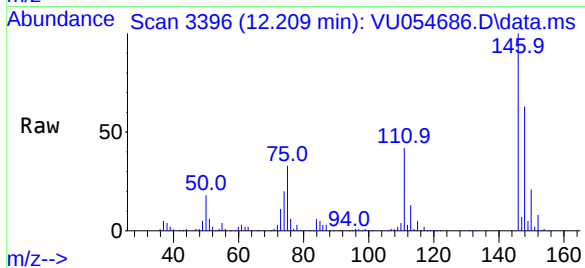
Tgt Ion:146 Resp: 244364

Ion Ratio Lower Upper

146 100

111 42.2 34.5 51.7

148 62.8 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 6.023 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.003 min

Lab File: VU054686.D

Acq: 28 Jun 2023 17:55

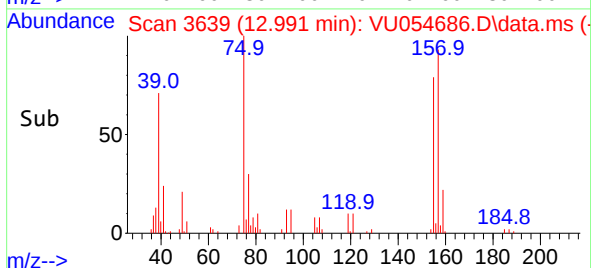
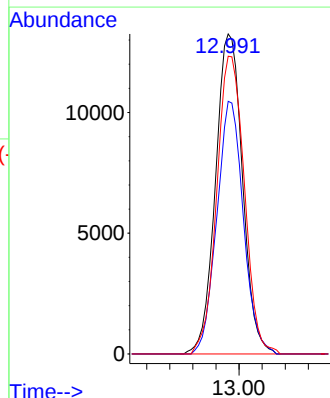
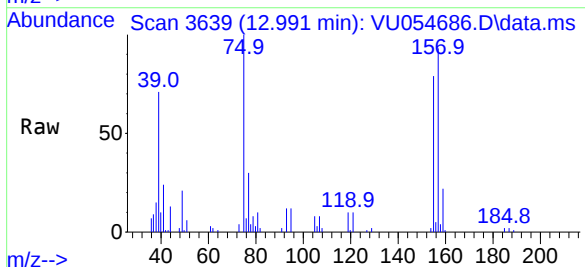
Tgt Ion: 75 Resp: 21486

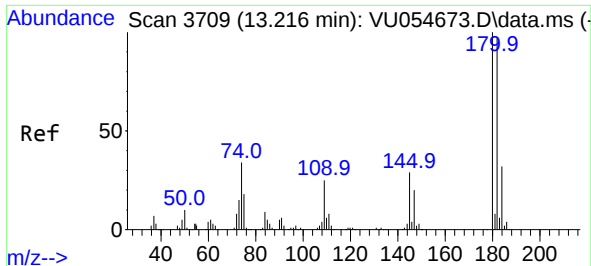
Ion Ratio Lower Upper

75 100

155 78.9 65.7 98.5

157 93.1 84.2 126.2

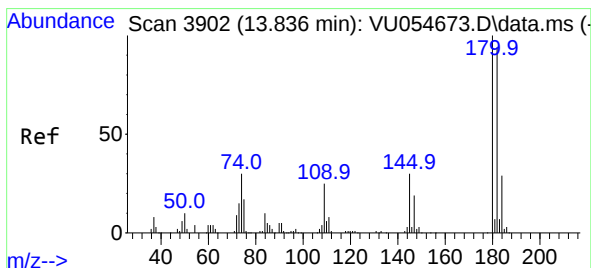
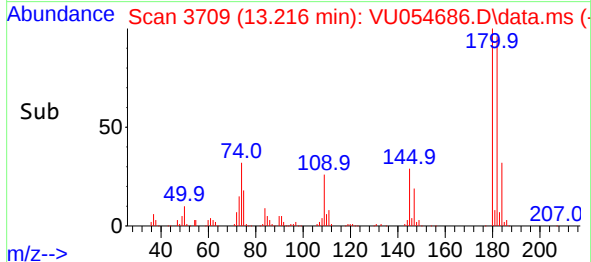
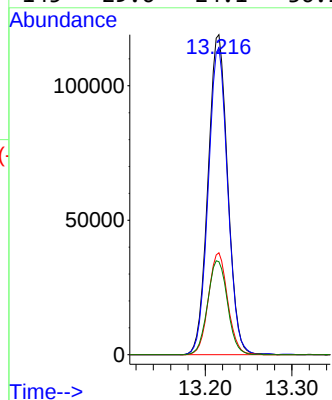
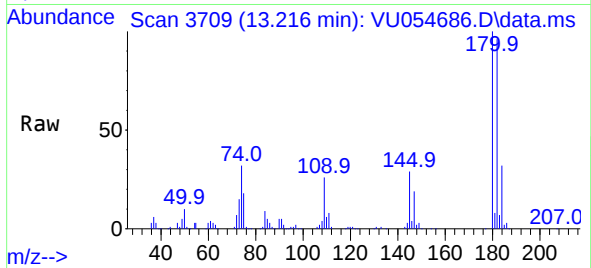




#69
1,3,5-Trichlorobenzene
Concen: 4.530 ug/L
RT: 13.216 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

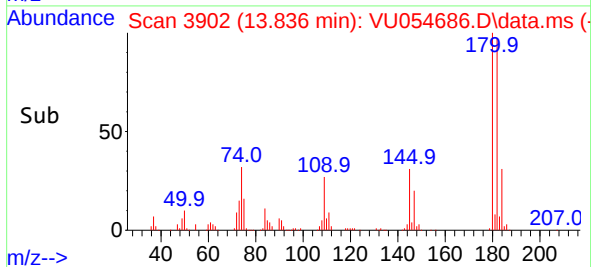
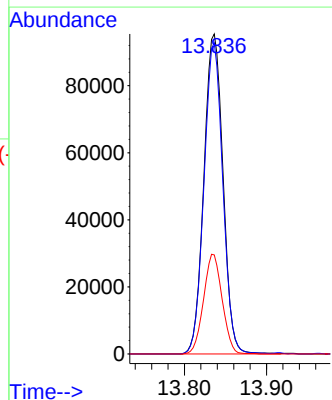
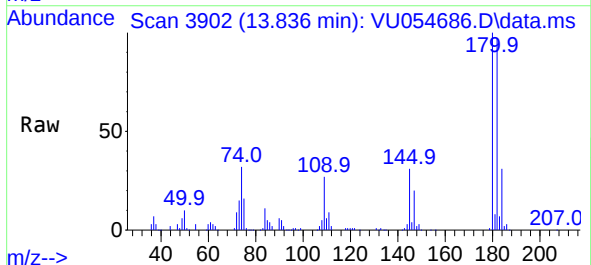
Instrument :
MSVOA_U
ClientSampleId :
VSTD005081

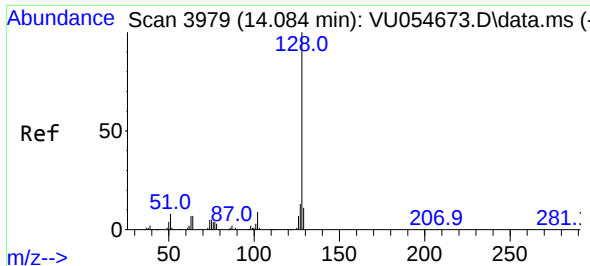
Tgt Ion:180 Resp: 187756
Ion Ratio Lower Upper
180 100
182 94.8 75.0 112.6
184 31.2 24.1 36.1
145 29.6 24.1 36.1



#70
1,2,4-trichlorobenzene
Concen: 4.512 ug/L
RT: 13.836 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

Tgt Ion:180 Resp: 154633
Ion Ratio Lower Upper
180 100
182 95.6 76.6 114.8
145 30.2 24.0 36.0



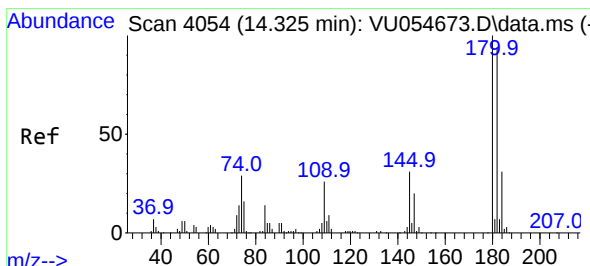
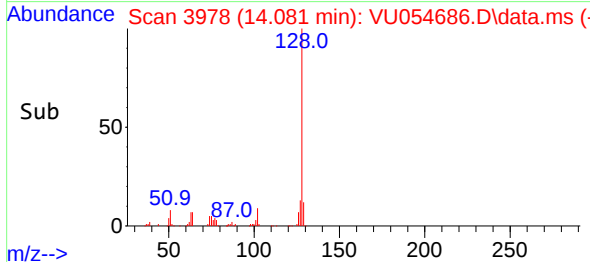
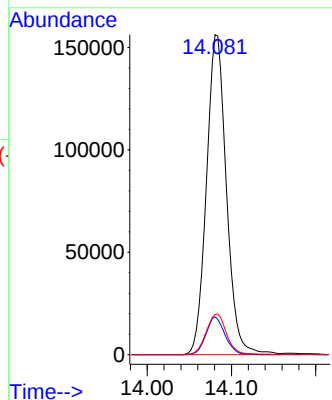
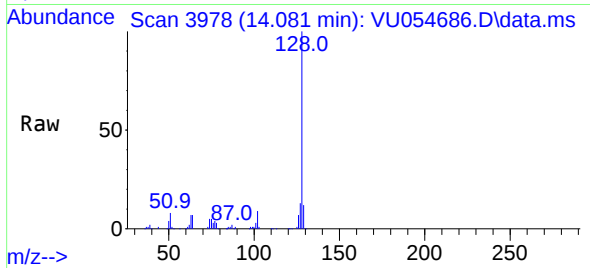


#71
Naphthalene
Concen: 4.623 ug/L
RT: 14.081 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

Instrument :
MSVOA_U
ClientSampleId :
VSTD005081

Tgt Ion:128 Resp: 257591

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	13.1	10.6	15.8



#72
1,2,3-Trichlorobenzene
Concen: 4.843 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU054686.D
Acq: 28 Jun 2023 17:55

Tgt Ion:180 Resp: 142577

Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.4	113.2
145	30.7	26.0	39.0

