

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U061923\
 Data File : VU054584.D
 Acq On : 19 Jun 2023 09:38
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 20 05:51:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 17 06:10:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	252978	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	239216	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	129022	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	57849	3.593	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.800%
7) Chloroethane-d5	1.914	69	75133	4.984	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.567	65	27571	3.834	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.600%
20) 2-Butanone-d5	4.628	46	237375	52.440	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.880%
24) Chloroform-d	5.059	84	177145	5.264	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
26) 1,2-Dichloroethane-d4	5.698	65	83045	5.062	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.724	84	318291	4.786	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.685	67	112942	5.086	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.894	98	273439	4.633	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	8.177	79	34386	4.453	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.631	63	168490	52.005	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.000%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	85051	5.136	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	102603	4.715	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	121529	5.141	ug/L	99
3) Chloromethane	1.518	50	134209	4.942	ug/L	99
5) Vinyl chloride	1.602	62	146757	5.265	ug/L	99
6) Bromomethane	1.859	94	81374	5.310	ug/L	99
8) Chloroethane	1.933	64	91320	5.466	ug/L	100
9) Trichlorofluoromethane	2.139	101	196897	5.746	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.580	101	115839	5.779	ug/L	97
12) 1,1-Dichloroethene	2.580	96	101838	5.550	ug/L	96
13) Acetone	2.641	43	186741	43.754	ug/L	98
14) Carbon disulfide	2.792	76	278228	5.113	ug/L	99
15) Methyl Acetate	2.953	43	42829	5.415	ug/L	100
16) Methylene chloride	3.043	84	117386	4.550	ug/L	100
17) Methyl tert-butyl Ether	3.361	73	244450	5.397	ug/L	100
18) trans-1,2-Dichloroethene	3.351	96	101571	5.361	ug/L	99
19) 1,1-Dichloroethane	3.866	63	221811	5.658	ug/L	99
21) 2-Butanone	4.708	43	278345	50.251	ug/L	100
22) cis-1,2-Dichloroethene	4.663	96	118768	5.505	ug/L	96
23) Bromochloromethane	4.972	128	51347	5.720	ug/L	88
25) Chloroform	5.084	83	221154	5.722	ug/L	98

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Instrument :
 MSVOA_U
 ClientSampleId :

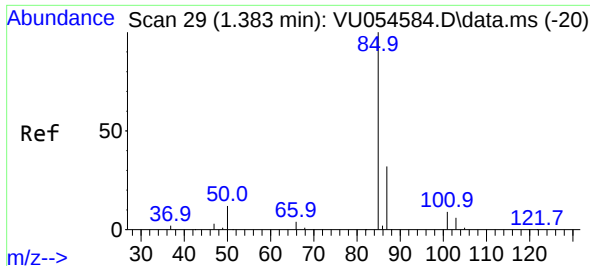
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	126251	5.573	ug/L	98
29) 1,1,1-Trichloroethane	5.313	97	185543	5.720	ug/L	98
30) Cyclohexane	5.386	56	175409	4.965	ug/L	96
31) Carbon tetrachloride	5.522	117	161275	5.770	ug/L	99
33) Benzene	5.769	78	465143	5.410	ug/L	100
34) Trichloroethene	6.541	95	124526	5.477	ug/L	98
35) Methylcyclohexane	6.759	83	182870	5.322	ug/L	97
37) 1,2-Dichloropropane	6.788	63	126571	5.445	ug/L	99
38) Bromodichloromethane	7.100	83	152481	5.795	ug/L	97
39) cis-1,3-Dichloropropene	7.605	75	177804	5.603	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	643152	51.846	ug/L	99
42) Toluene	7.965	91	501209	5.661	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	144910	5.626	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	84067	5.685	ug/L	97
47) Tetrachloroethene	8.550	164	97093	5.579	ug/L	97
48) 2-Hexanone	8.679	43	460354	49.805	ug/L	99
49) Dibromochloromethane	8.804	129	93898	6.047	ug/L	99
50) 1,2-Dibromoethane	8.920	107	76711	5.650	ug/L #	98
51) Chlorobenzene	9.444	112	313150	5.674	ug/L	97
52) Ethylbenzene	9.566	91	539037	5.575	ug/L	99
53) m,p-Xylene	9.692	106	203738	5.736	ug/L	98
54) o-Xylene	10.097	106	198390	5.775	ug/L	99
55) Styrene	10.110	104	338672	5.874	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.779	83	103170	5.492	ug/L	96
59) Bromoform	10.287	173	57172	6.172	ug/L	98
60) Isopropylbenzene	10.480	105	538432	5.705	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	68582	5.260	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	428748	5.568	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	437538	5.594	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	257414	5.835	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	255111	5.762	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	231344	5.701	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	15789	5.510	ug/L	89
69) 1,3,5-Trichlorobenzene	13.216	180	195963	5.887	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	153315	5.570	ug/L	100
71) Naphthalene	14.081	128	213437	4.769	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	128818	5.447	ug/L	98

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

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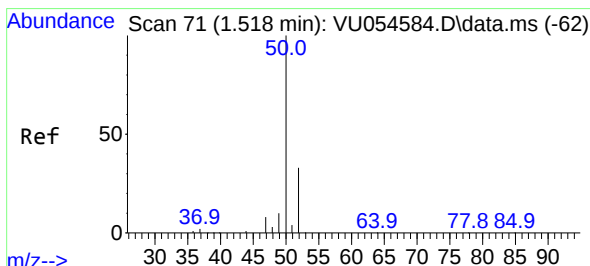
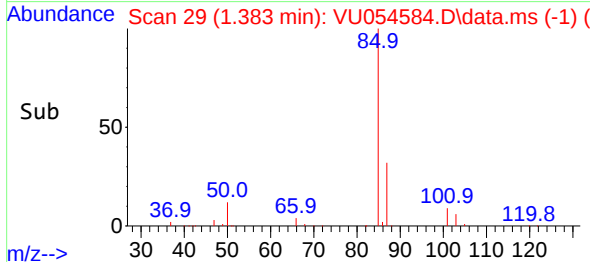
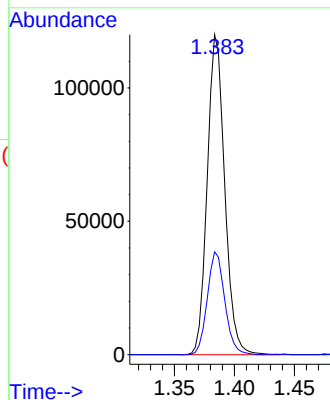
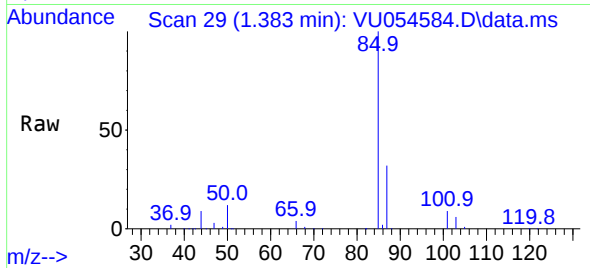




#2
 Dichlorodifluoromethane
 Concen: 5.141 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU054584.D
 Acq: 19 Jun 2023 09:38

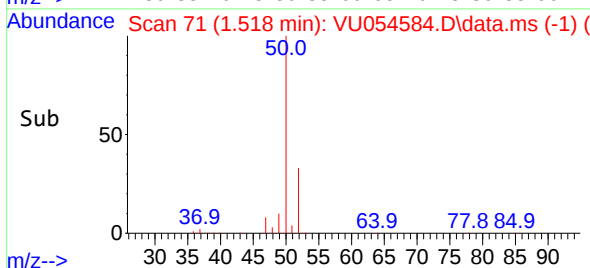
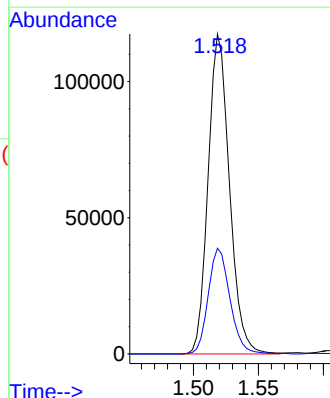
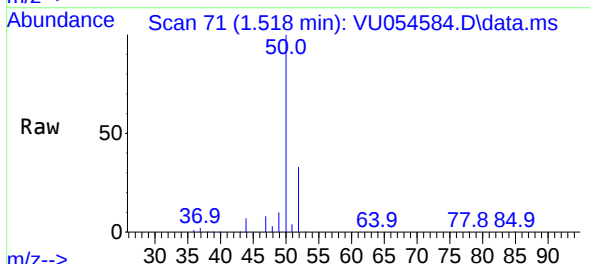
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 ClientSampleId :

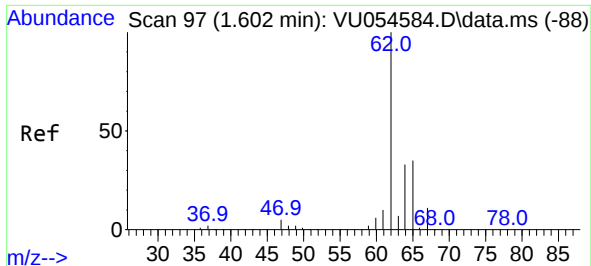
Tgt Ion: 85 Resp: 121529
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.4 38.2



#3
 Chloromethane
 Concen: 4.942 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU054584.D
 Acq: 19 Jun 2023 09:38

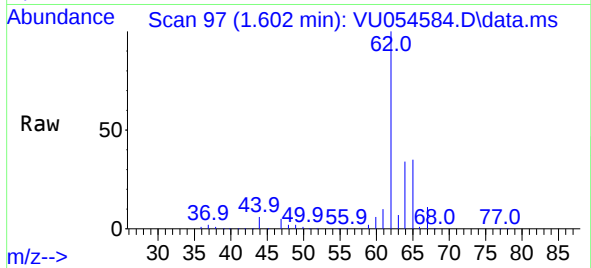
Tgt Ion: 50 Resp: 134209
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.4 43.4



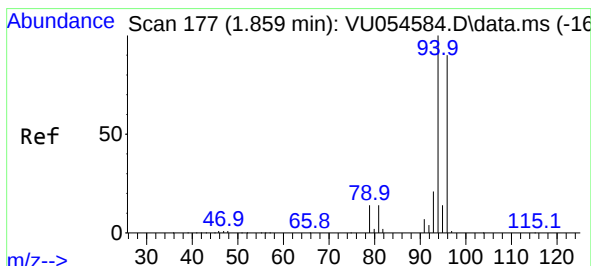
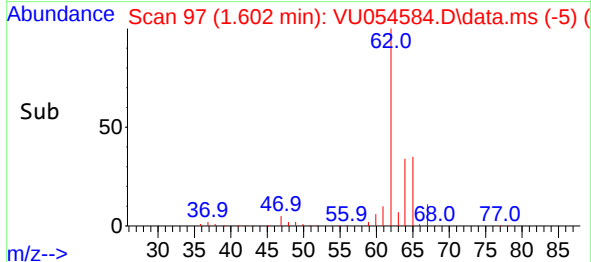
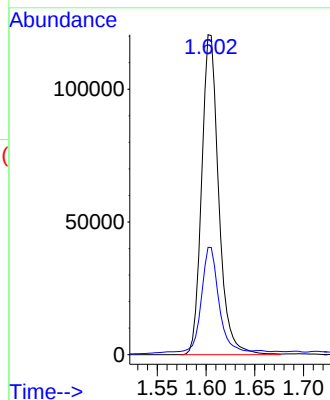


#5
 Vinyl chloride
 Concen: 5.265 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VU054584.D
 Acq: 19 Jun 2023 09:38

Instrument :
 MSVOA_U
 ClientSampleId :

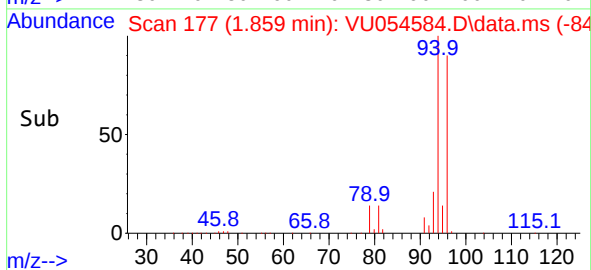
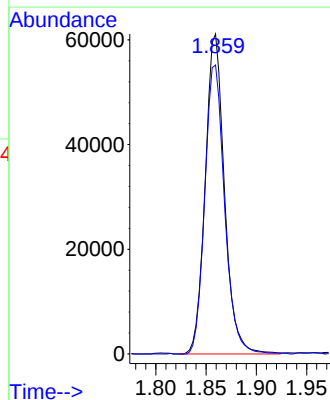
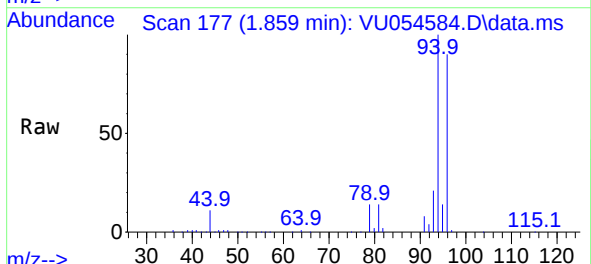


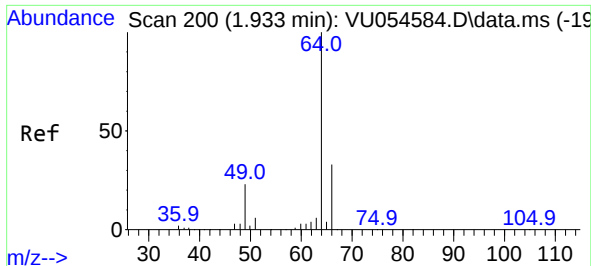
Tgt Ion: 62 Resp: 146757
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.0 42.6



#6
 Bromomethane
 Concen: 5.310 ug/L
 RT: 1.859 min Scan# 177
 Delta R.T. 0.000 min
 Lab File: VU054584.D
 Acq: 19 Jun 2023 09:38

Tgt Ion: 94 Resp: 81374
 Ion Ratio Lower Upper
 94 100
 96 90.3 63.6 118.2

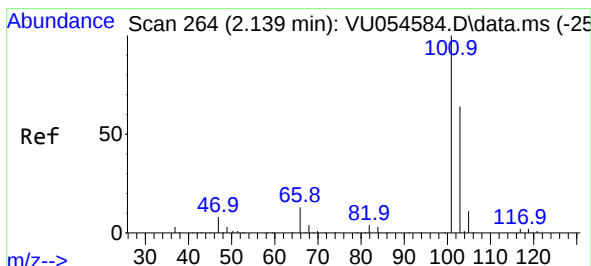
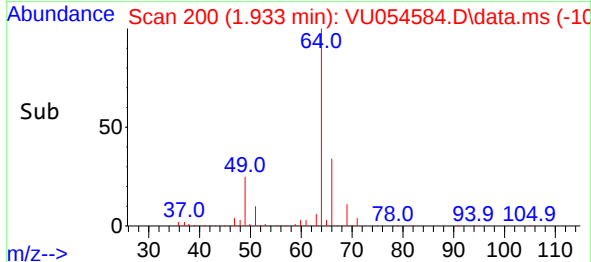
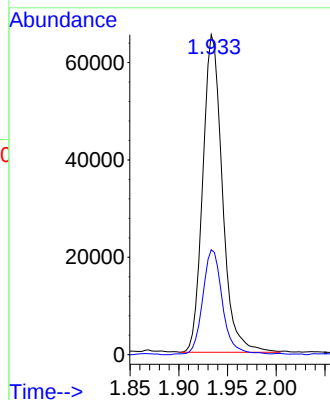
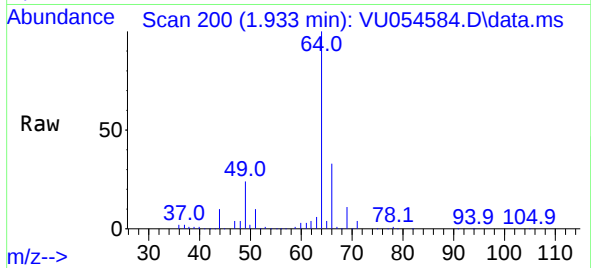




#8
Chloroethane
Concen: 5.466 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.000 min
Lab File: VU054584.D
Acq: 19 Jun 2023 09:38

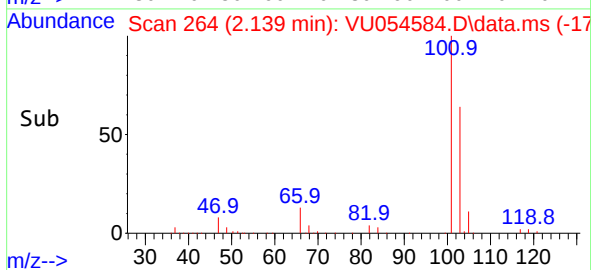
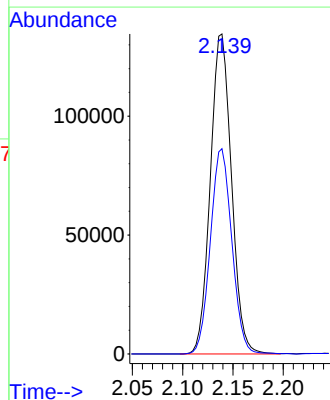
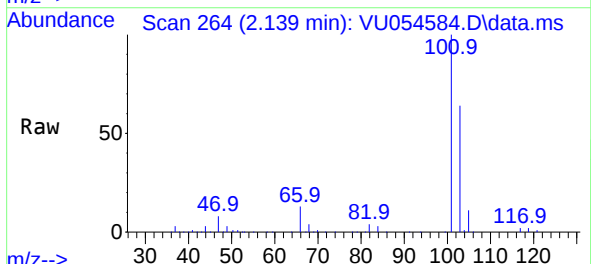
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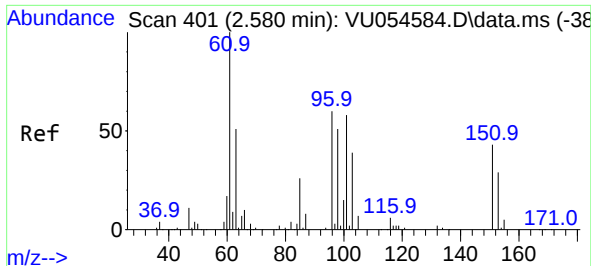
Tgt Ion: 64 Resp: 91320
Ion Ratio Lower Upper
64 100
66 32.8 22.9 42.5



#9
Trichlorofluoromethane
Concen: 5.746 ug/L
RT: 2.139 min Scan# 264
Delta R.T. 0.000 min
Lab File: VU054584.D
Acq: 19 Jun 2023 09:38

Tgt Ion:101 Resp: 196897
Ion Ratio Lower Upper
101 100
103 65.2 50.6 75.8

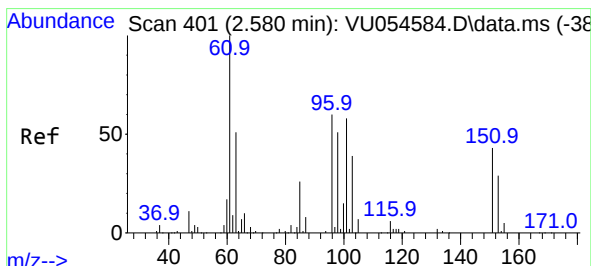
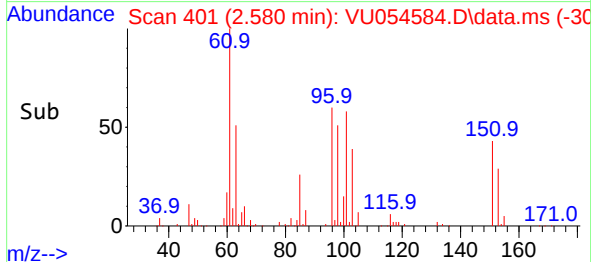
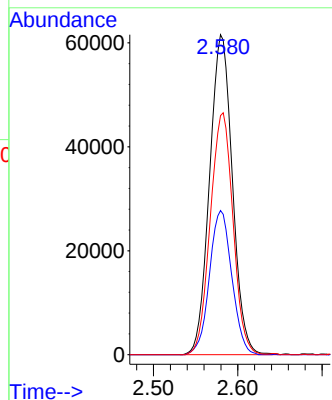
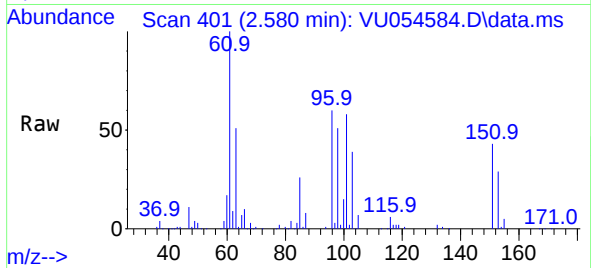




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.779 ug/L
RT: 2.580 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU054584.D
Acq: 19 Jun 2023 09:38

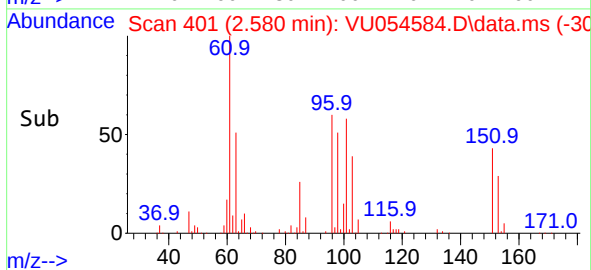
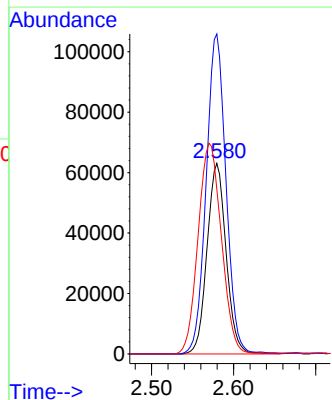
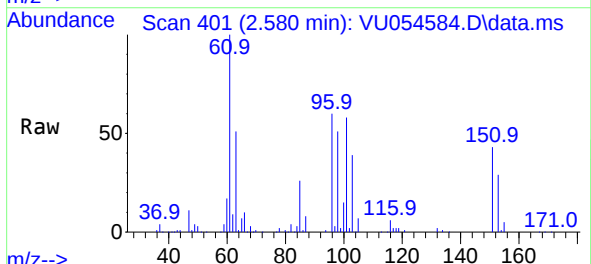
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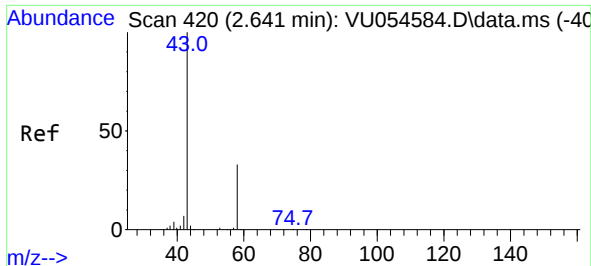
Tgt Ion:101 Resp: 115839
Ion Ratio Lower Upper
101 100
85 44.1 34.6 51.8
151 75.3 57.7 86.5



#12
1,1-Dichloroethene
Concen: 5.550 ug/L
RT: 2.580 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU054584.D
Acq: 19 Jun 2023 09:38

Tgt Ion: 96 Resp: 101838
Ion Ratio Lower Upper
96 100
61 167.9 119.9 222.7
63 86.4 64.3 119.3





#13

Acetone

Concen: 43.754 ug/L

RT: 2.641 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU054584.D

Acq: 19 Jun 2023 09:38

Instrument :

MSVOA_U

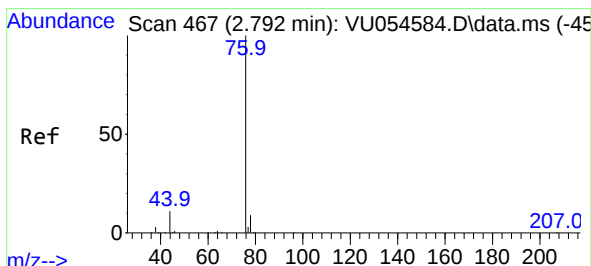
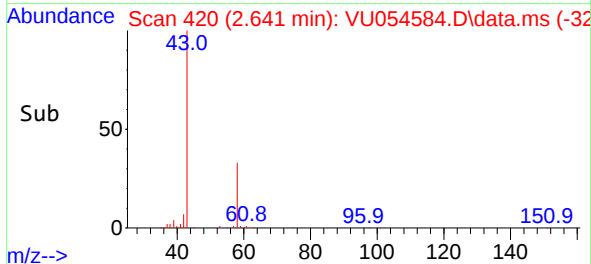
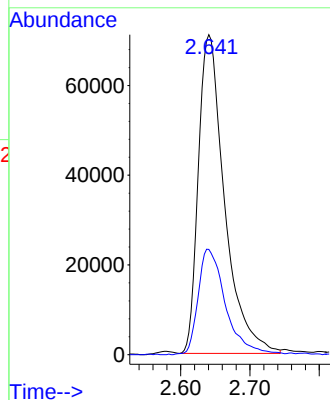
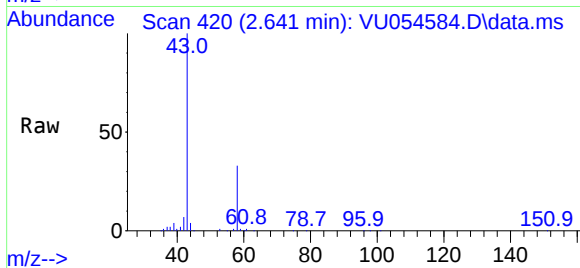
ClientSampleId :

Tgt Ion: 43 Resp: 186741

Ion Ratio Lower Upper

43 100

58 34.7 0.0 67.2



#14

Carbon disulfide

Concen: 5.113 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.000 min

Lab File: VU054584.D

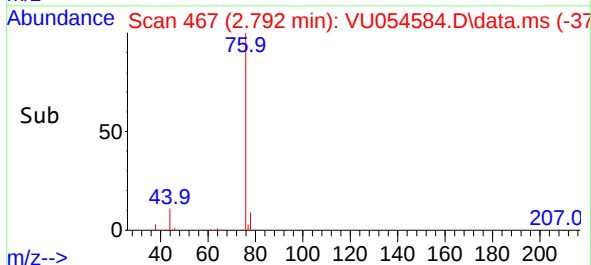
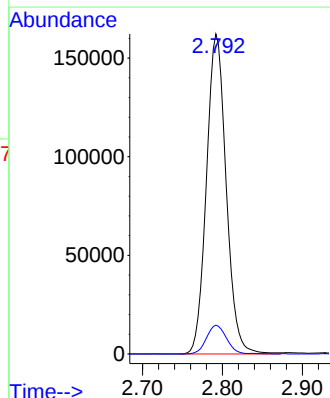
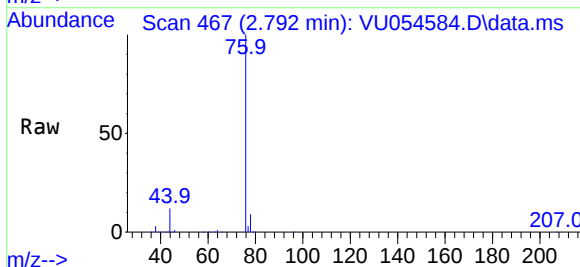
Acq: 19 Jun 2023 09:38

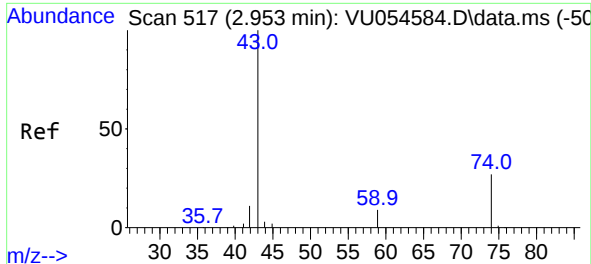
Tgt Ion: 76 Resp: 278228

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

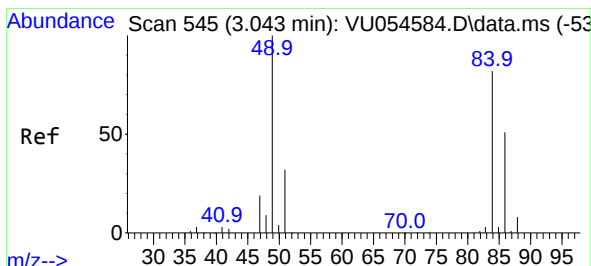
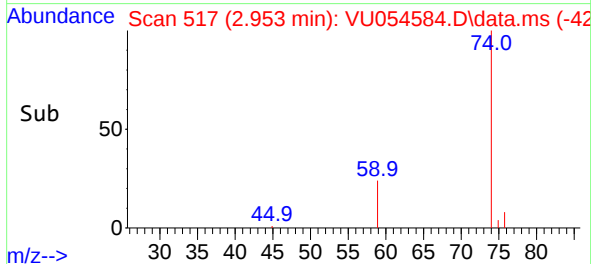
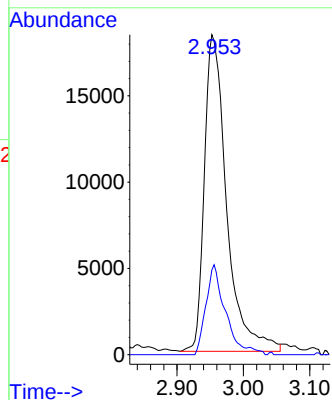
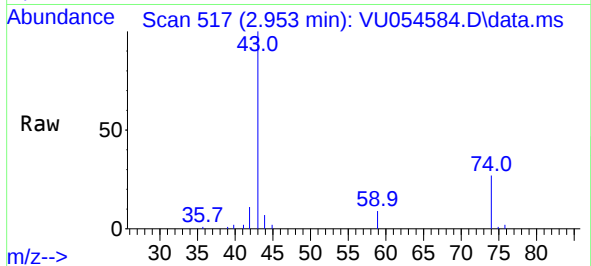




#15
Methyl Acetate
Concen: 5.415 ug/L
RT: 2.953 min Scan# 517
Delta R.T. -0.003 min
Lab File: VU054584.D
Acq: 19 Jun 2023 09:38

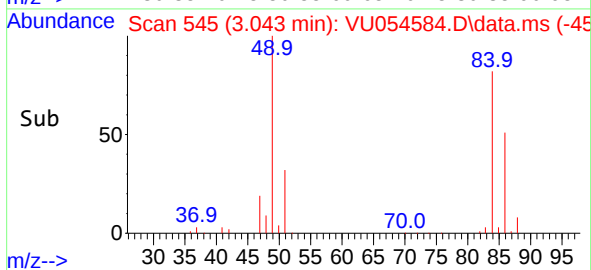
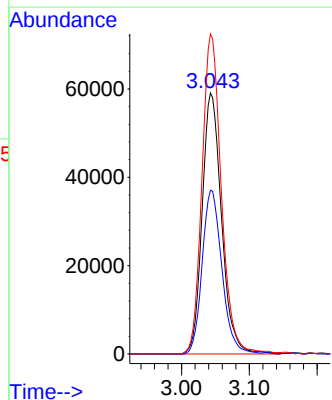
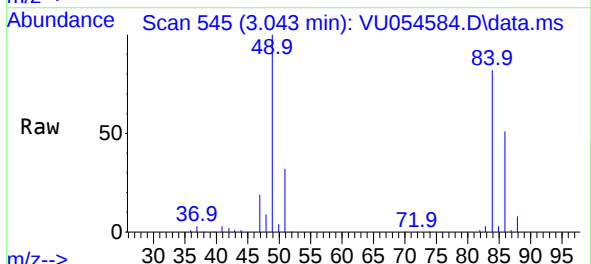
Instrument :
MSVOA_U
ClientSampleId :

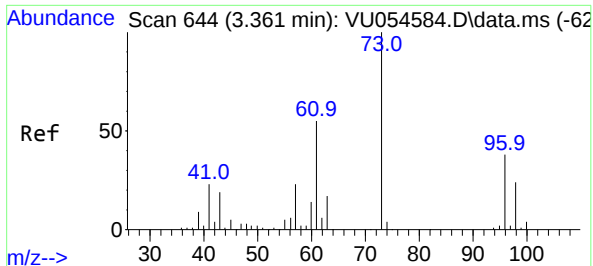
Tgt Ion: 43 Resp: 42829
Ion Ratio Lower Upper
43 100
74 23.9 19.0 28.6



#16
Methylene chloride
Concen: 4.550 ug/L
RT: 3.043 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU054584.D
Acq: 19 Jun 2023 09:38

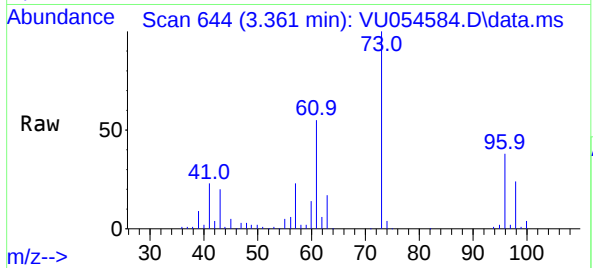
Tgt Ion: 84 Resp: 117386
Ion Ratio Lower Upper
84 100
86 62.7 43.9 81.5
49 122.6 86.1 159.9



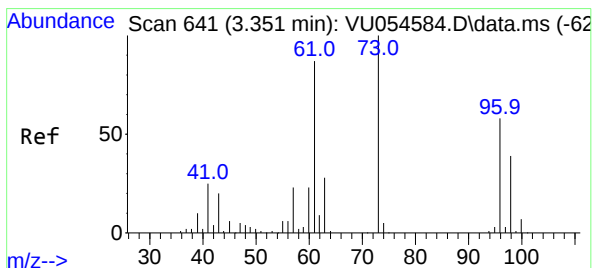
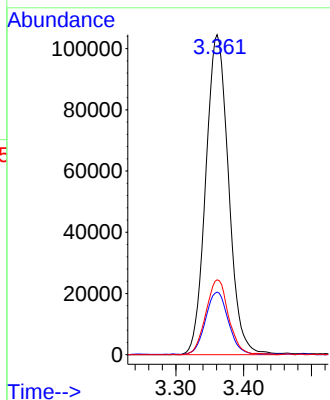
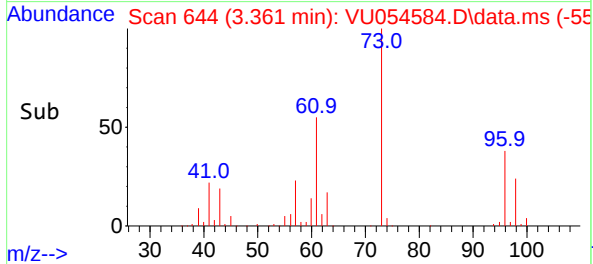


#17
Methyl tert-butyl Ether
Concen: 5.397 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU054584.D
Acq: 19 Jun 2023 09:38

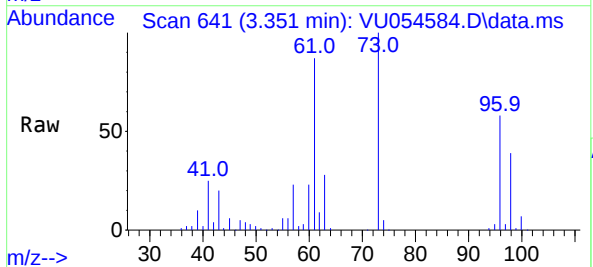
Instrument :
MSVOA_U
ClientSampleId :



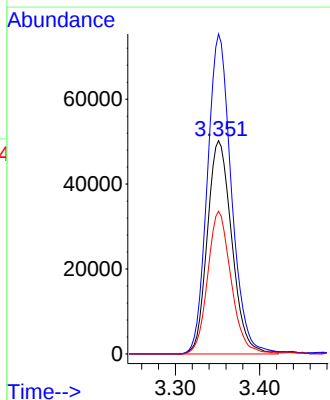
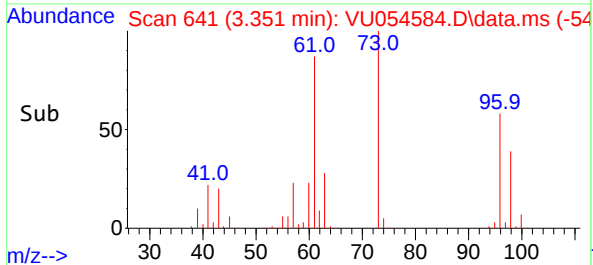
Tgt Ion: 73 Resp: 244450
Ion Ratio Lower Upper
73 100
43 19.4 15.7 23.5
57 23.2 18.6 28.0

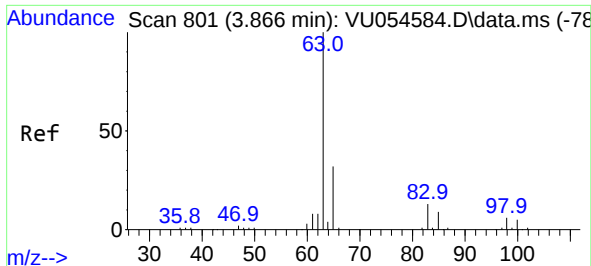


#18
trans-1,2-Dichloroethene
Concen: 5.361 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU054584.D
Acq: 19 Jun 2023 09:38



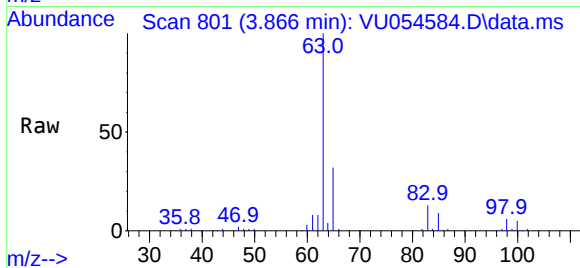
Tgt Ion: 96 Resp: 101571
Ion Ratio Lower Upper
96 100
61 150.0 104.6 194.2
98 66.9 45.4 84.4



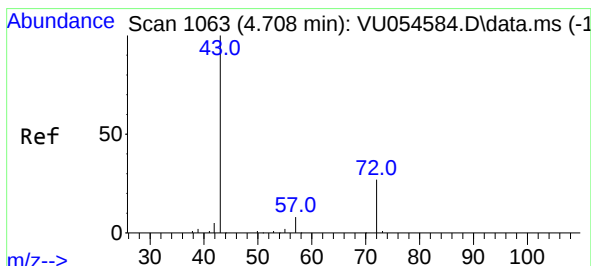
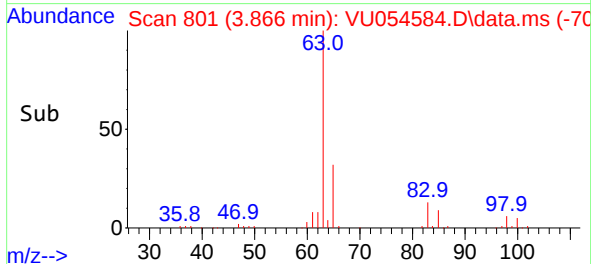
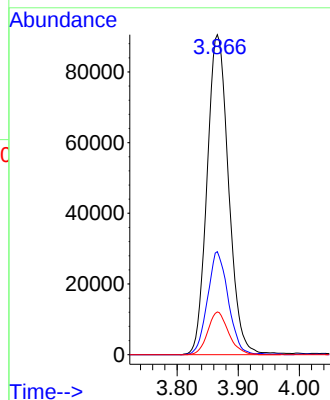


#19
1,1-Dichloroethane
Concen: 5.658 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.000 min
Lab File: VU054584.D
Acq: 19 Jun 2023 09:38

Instrument :
MSVOA_U
ClientSampleId :

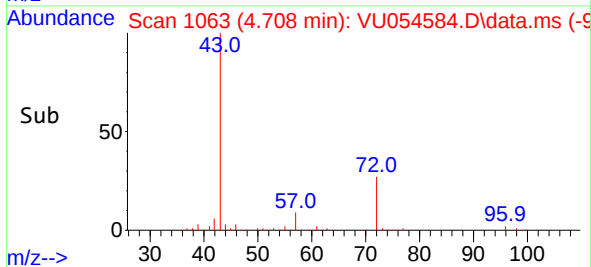
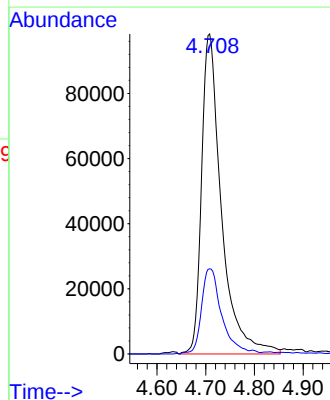
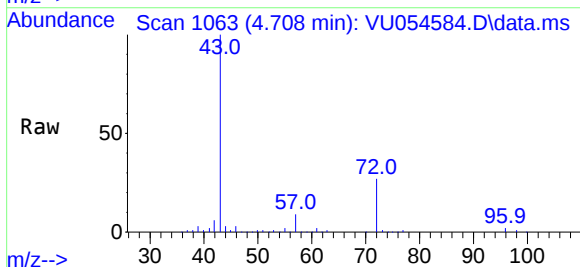


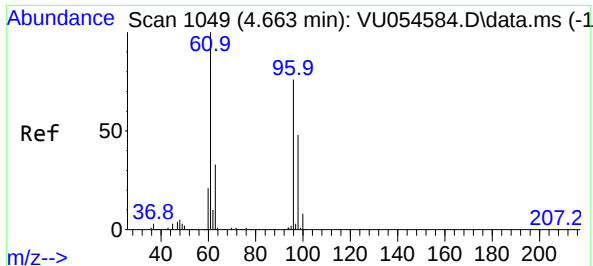
Tgt Ion: 63 Resp: 221811
Ion Ratio Lower Upper
63 100
65 32.2 22.2 41.2
83 13.3 9.0 16.6



#21
2-Butanone
Concen: 50.251 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VU054584.D
Acq: 19 Jun 2023 09:38

Tgt Ion: 43 Resp: 278345
Ion Ratio Lower Upper
43 100
72 26.7 13.4 40.1





#22

cis-1,2-Dichloroethene

Concen: 5.505 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VU054584.D

Acq: 19 Jun 2023 09:38

Instrument :

MSVOA_U

ClientSampleId :

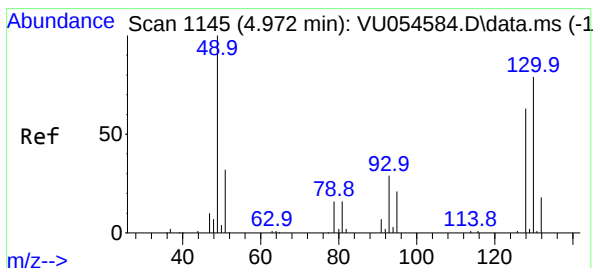
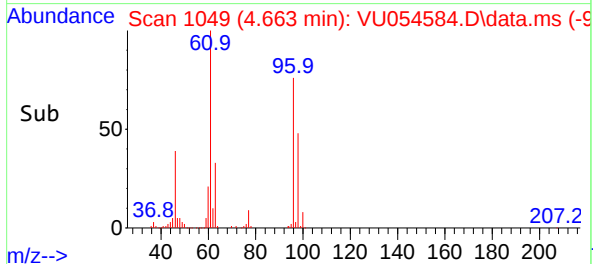
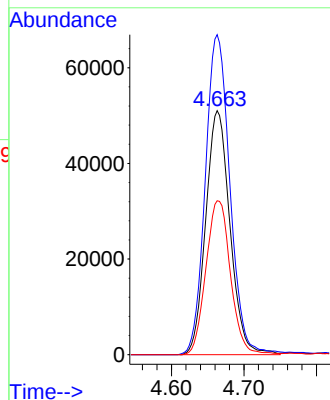
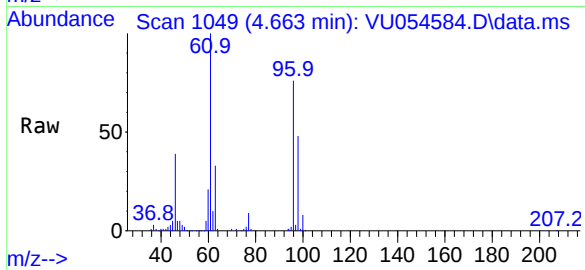
Tgt Ion: 96 Resp: 118768

Ion Ratio Lower Upper

96 100

61 131.2 96.5 179.1

98 63.1 44.9 83.3



#23

Bromochloromethane

Concen: 5.720 ug/L

RT: 4.972 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VU054584.D

Acq: 19 Jun 2023 09:38

Tgt Ion: 128 Resp: 51347

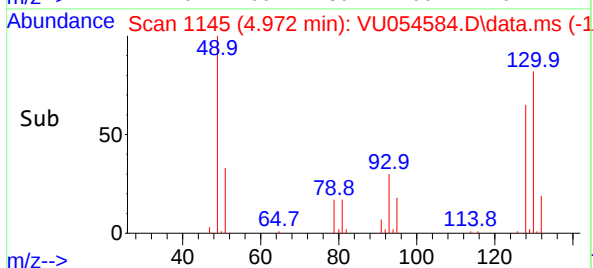
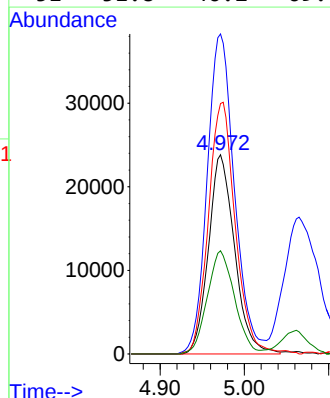
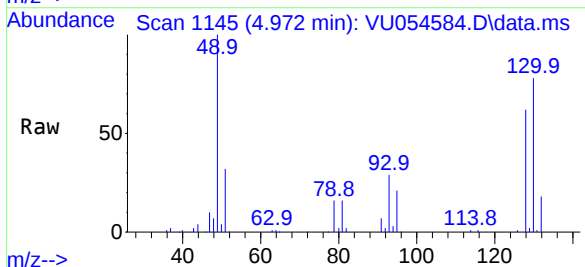
Ion Ratio Lower Upper

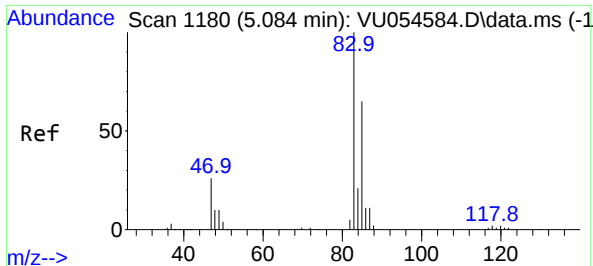
128 100

49 160.6 132.1 245.3

130 125.7 91.5 169.9

51 51.8 46.2 69.4

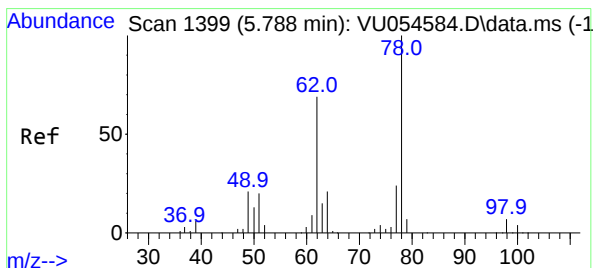
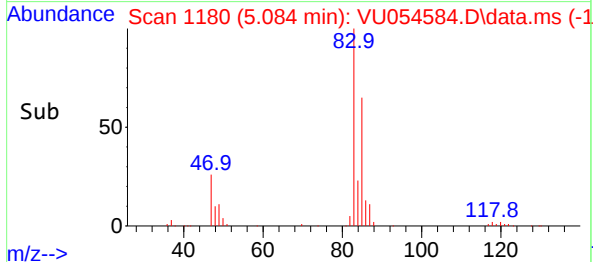
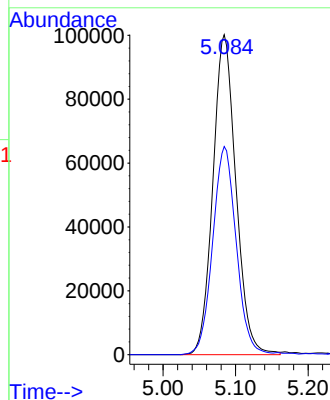
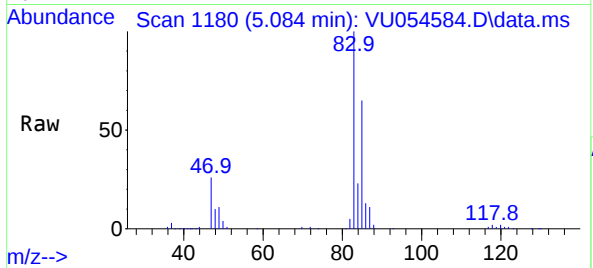




#25
Chloroform
Concen: 5.722 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VU054584.D
Acq: 19 Jun 2023 09:38

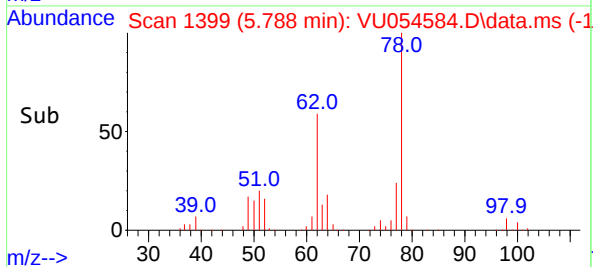
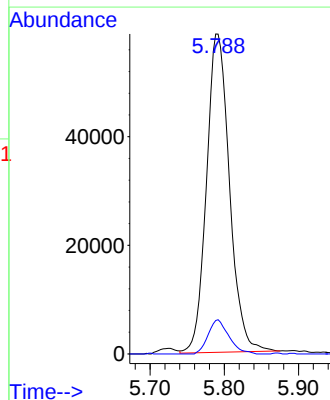
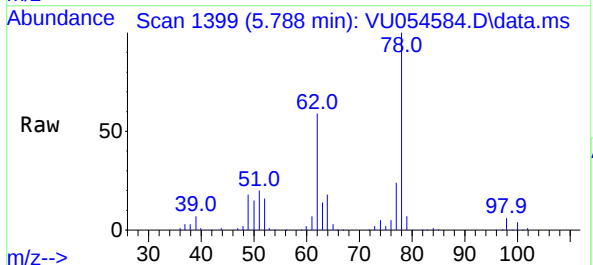
Instrument :
MSVOA_U
ClientSampleId :

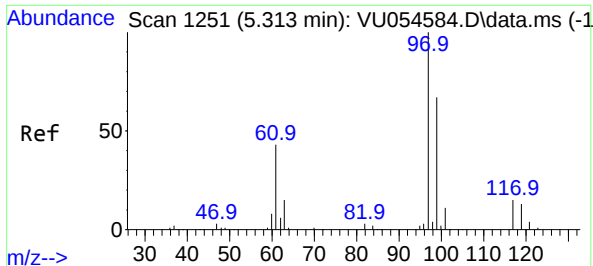
Tgt Ion: 83 Resp: 221154
Ion Ratio Lower Upper
83 100
85 65.1 44.7 82.9



#27
1,2-Dichloroethane
Concen: 5.573 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. -0.003 min
Lab File: VU054584.D
Acq: 19 Jun 2023 09:38

Tgt Ion: 62 Resp: 126251
Ion Ratio Lower Upper
62 100
98 10.5 7.8 11.6

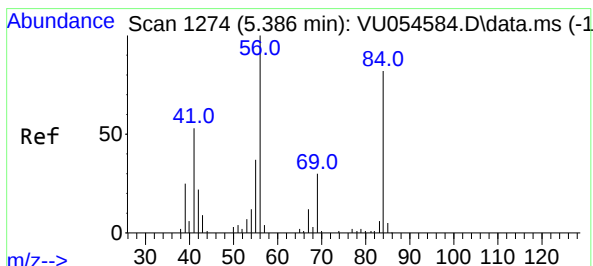
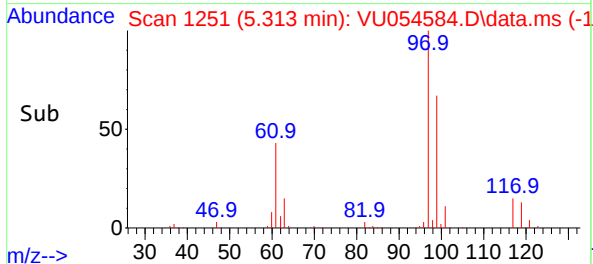
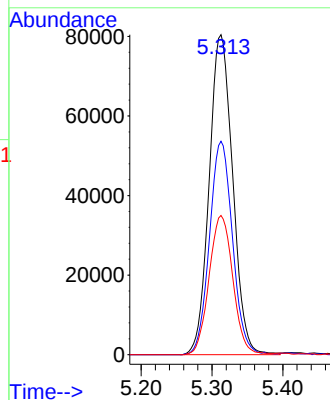
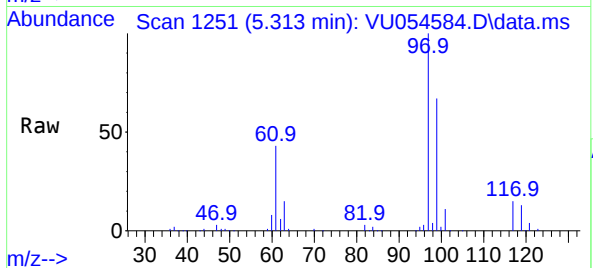




#29
1,1,1-Trichloroethane
Concen: 5.720 ug/L
RT: 5.313 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VU054584.D
Acq: 19 Jun 2023 09:38

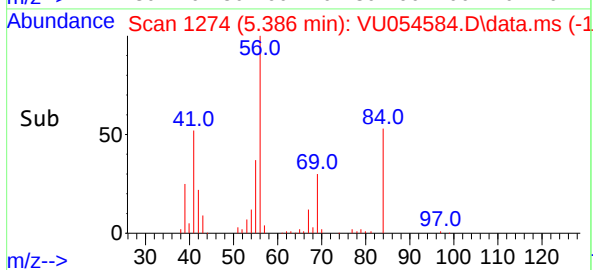
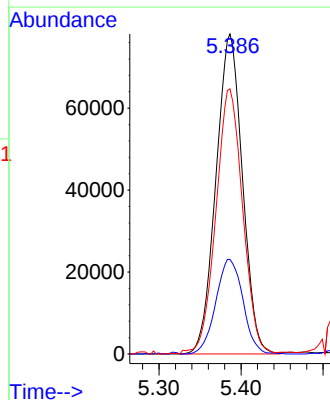
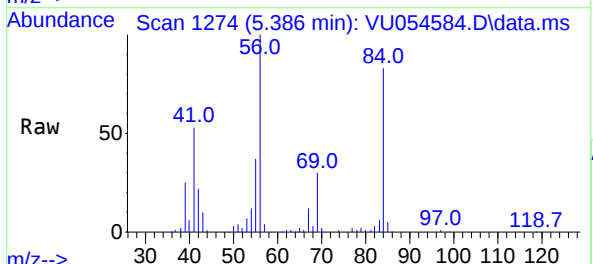
Instrument :
MSVOA_U
ClientSampleId :

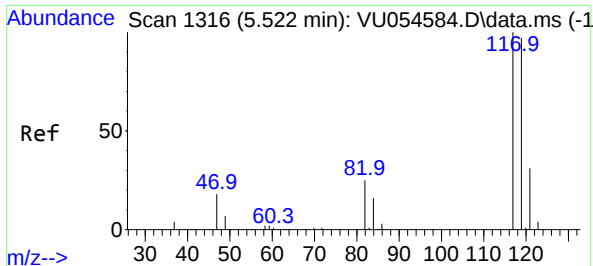
Tgt Ion: 97 Resp: 185543
Ion Ratio Lower Upper
97 100
99 65.2 50.8 76.2
61 43.9 36.1 54.1



#30
Cyclohexane
Concen: 4.965 ug/L
RT: 5.386 min Scan# 1274
Delta R.T. 0.003 min
Lab File: VU054584.D
Acq: 19 Jun 2023 09:38

Tgt Ion: 56 Resp: 175409
Ion Ratio Lower Upper
56 100
69 30.3 23.9 35.9
84 83.3 63.0 94.6

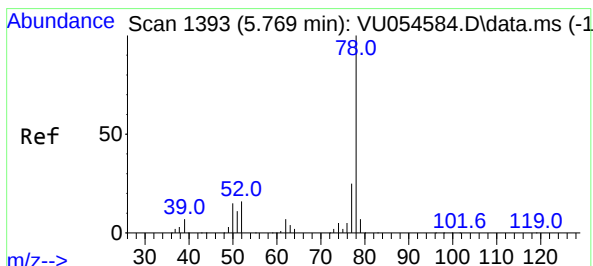
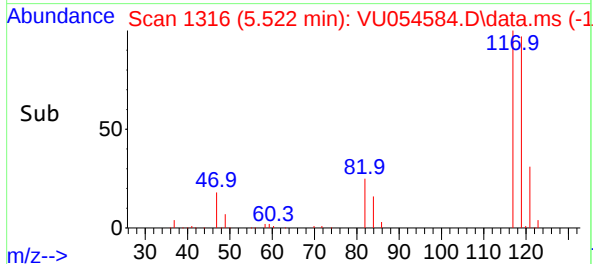
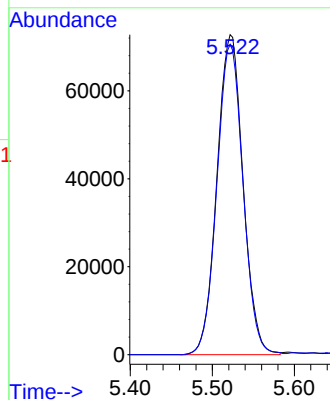
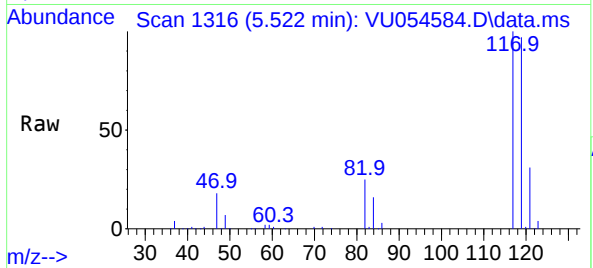




#31
Carbon tetrachloride
Concen: 5.770 ug/L
RT: 5.522 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VU054584.D
Acq: 19 Jun 2023 09:38

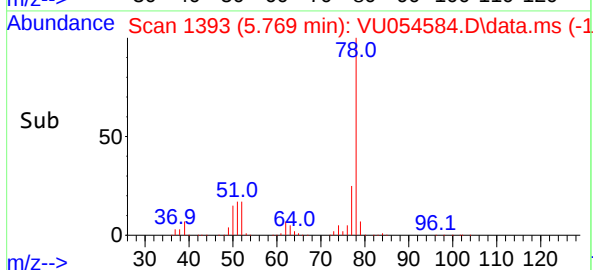
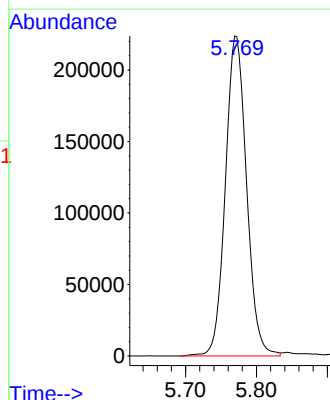
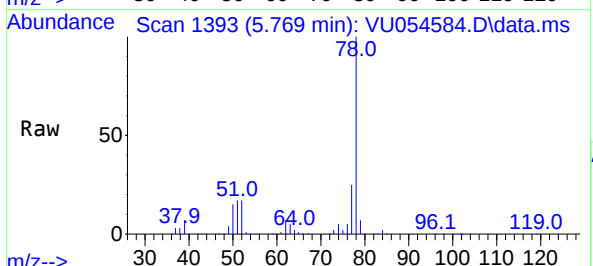
Instrument :
MSVOA_U
ClientSampleId :

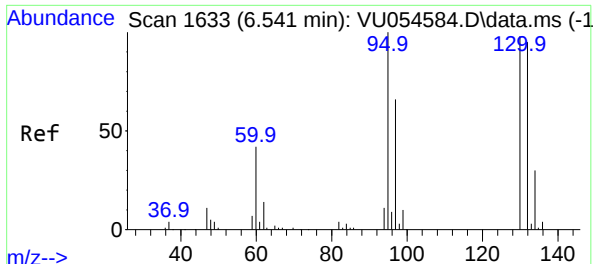
Tgt Ion:117 Resp: 161275
Ion Ratio Lower Upper
117 100
119 96.9 76.8 115.2



#33
Benzene
Concen: 5.410 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.003 min
Lab File: VU054584.D
Acq: 19 Jun 2023 09:38

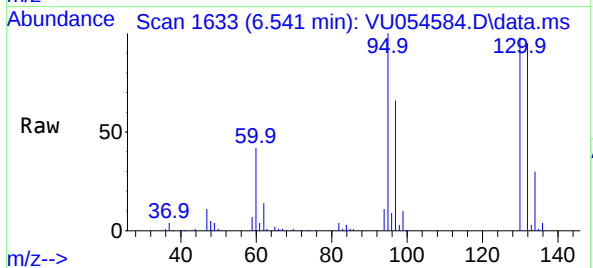
Tgt Ion: 78 Resp: 465143



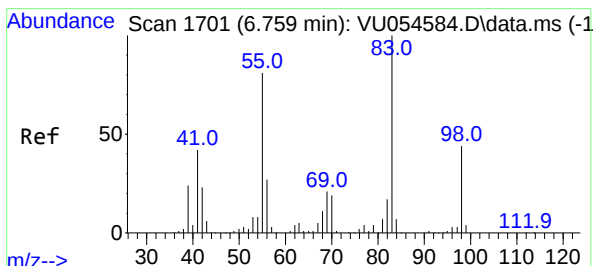
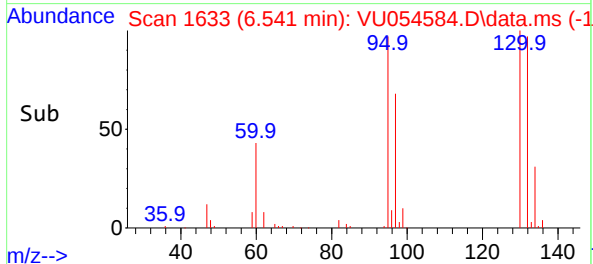
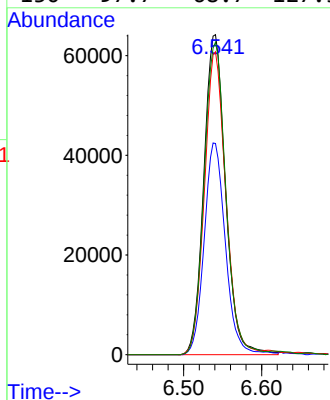


#34
Trichloroethene
Concen: 5.477 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU054584.D
Acq: 19 Jun 2023 09:38

Instrument :
MSVOA_U
ClientSampleId :

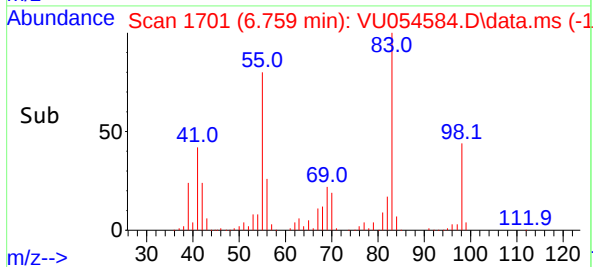
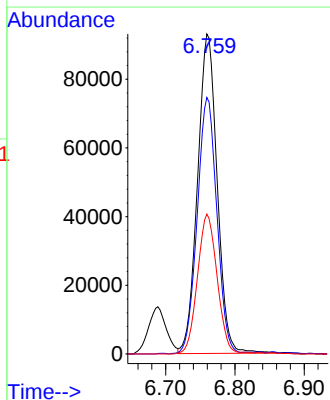
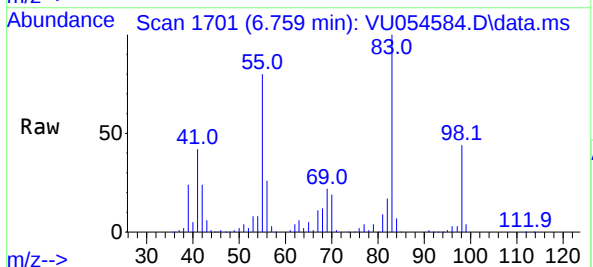


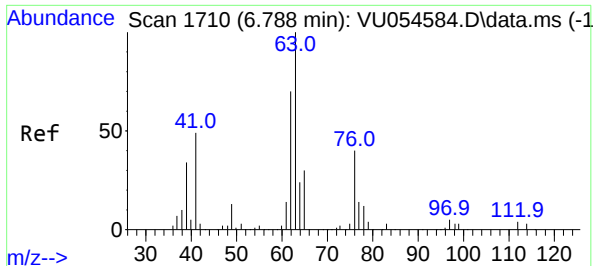
Tgt Ion: 95 Resp: 124526
Ion Ratio Lower Upper
95 100
97 66.0 46.8 87.0
132 94.6 68.4 127.0
130 97.7 68.7 127.5



#35
Methylcyclohexane
Concen: 5.322 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU054584.D
Acq: 19 Jun 2023 09:38

Tgt Ion: 83 Resp: 182870
Ion Ratio Lower Upper
83 100
55 80.5 67.1 100.7
98 43.8 35.1 52.7

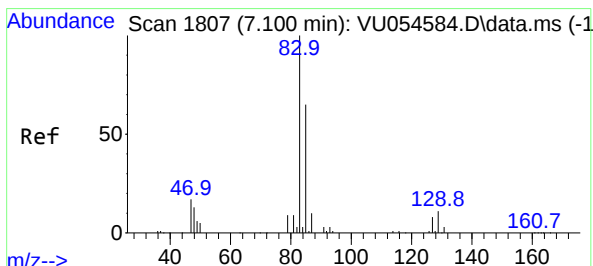
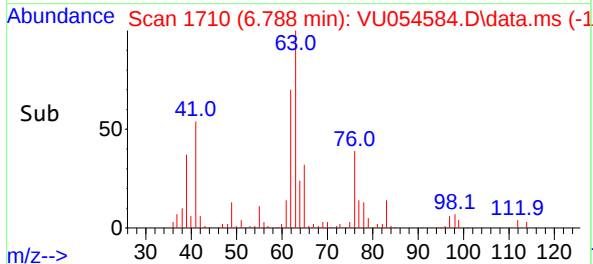
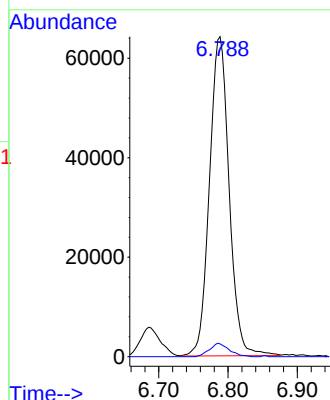
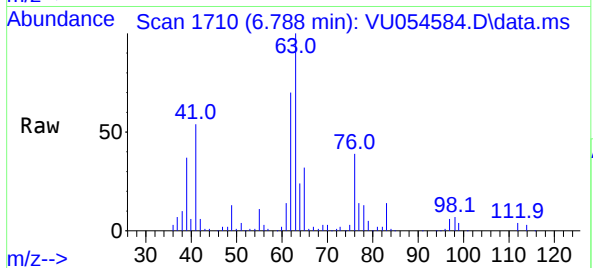




#37
1,2-Dichloropropane
Concen: 5.445 ug/L
RT: 6.788 min Scan# 1710
Delta R.T. 0.000 min
Lab File: VU054584.D
Acq: 19 Jun 2023 09:38

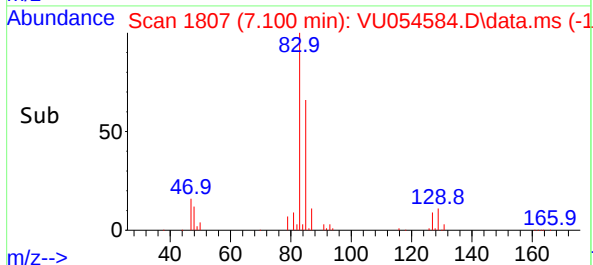
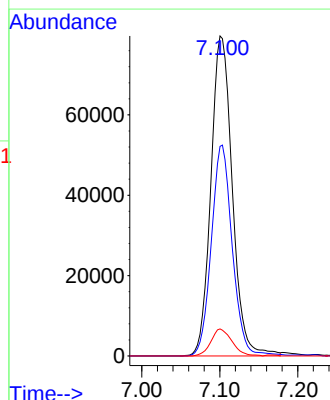
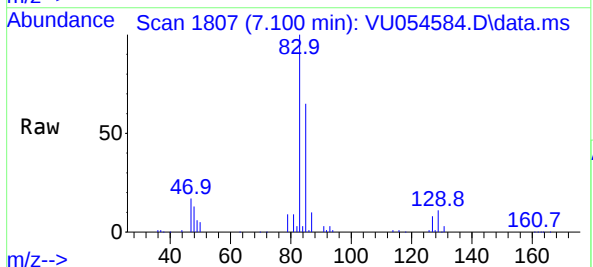
Instrument :
MSVOA_U
ClientSampleId :

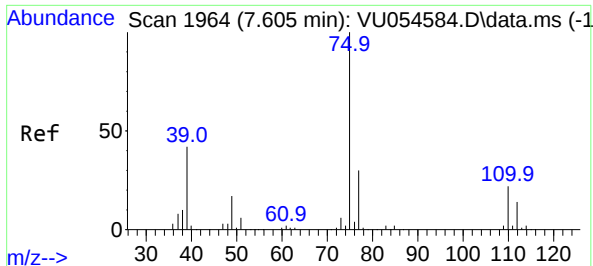
Tgt Ion: 63 Resp: 126571
Ion Ratio Lower Upper
63 100
112 4.2 3.0 4.6



#38
Bromodichloromethane
Concen: 5.795 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.003 min
Lab File: VU054584.D
Acq: 19 Jun 2023 09:38

Tgt Ion: 83 Resp: 152481
Ion Ratio Lower Upper
83 100
85 65.5 44.1 81.9
127 8.5 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 5.603 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VU054584.D

Acq: 19 Jun 2023 09:38

Instrument :

MSVOA_U

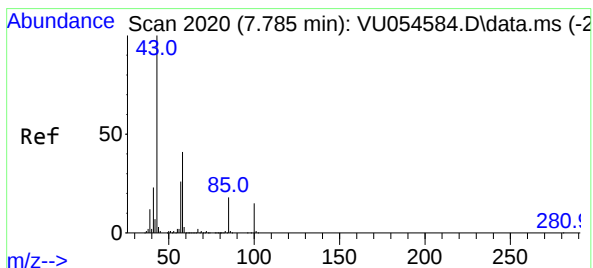
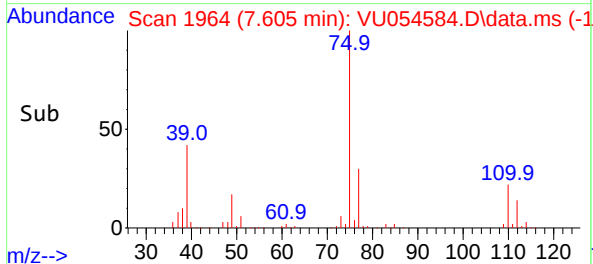
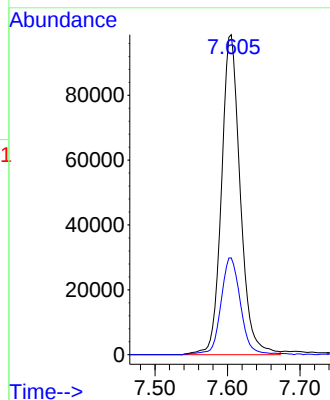
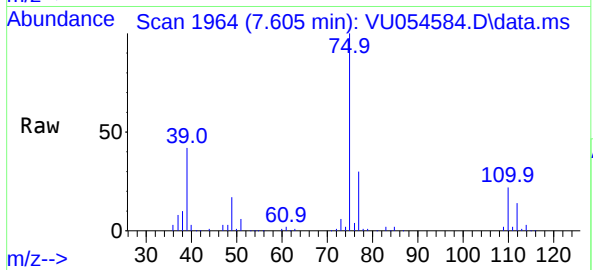
ClientSampleId :

Tgt Ion: 75 Resp: 177804

Ion Ratio Lower Upper

75 100

77 30.3 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 51.846 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. 0.000 min

Lab File: VU054584.D

Acq: 19 Jun 2023 09:38

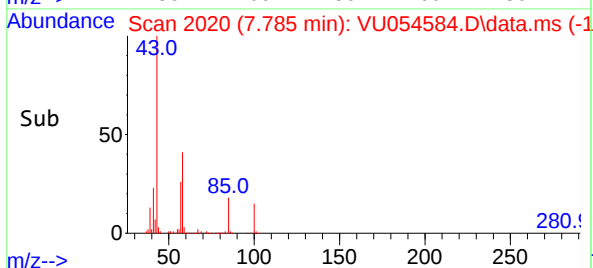
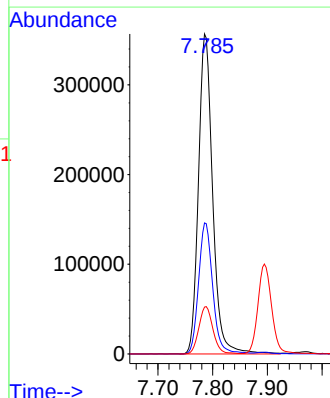
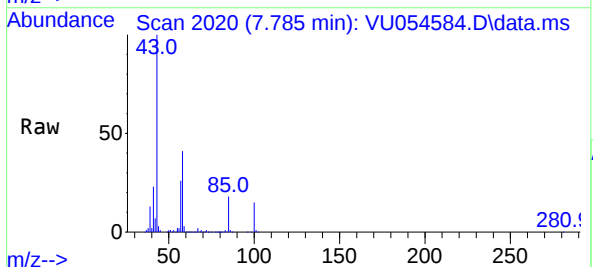
Tgt Ion: 43 Resp: 643152

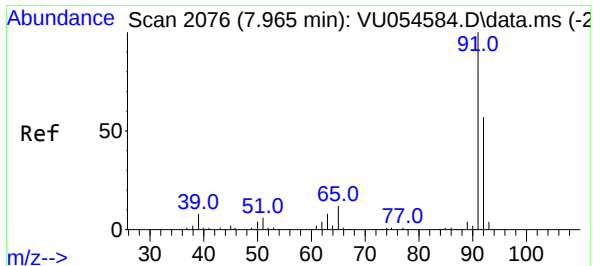
Ion Ratio Lower Upper

43 100

58 40.8 32.4 48.6

100 14.7 11.4 17.2





#42

Toluene

Concen: 5.661 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU054584.D

Acq: 19 Jun 2023 09:38

Instrument :

MSVOA_U

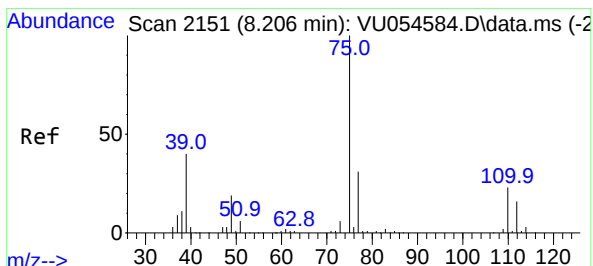
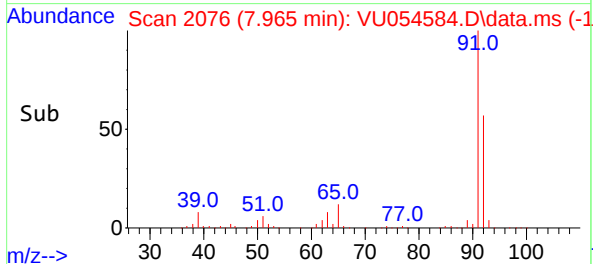
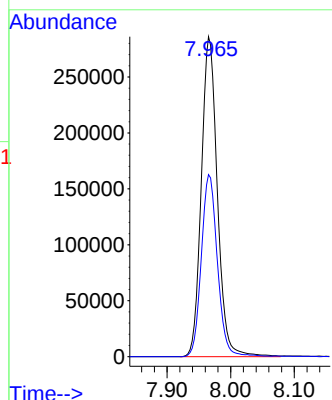
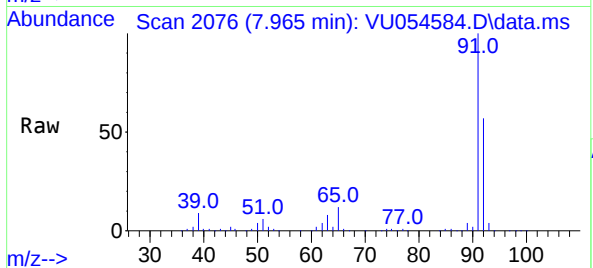
ClientSampleId :

Tgt Ion: 91 Resp: 501209

Ion Ratio Lower Upper

91 100

92 56.9 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 5.626 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU054584.D

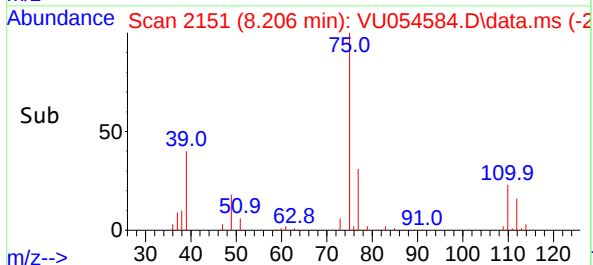
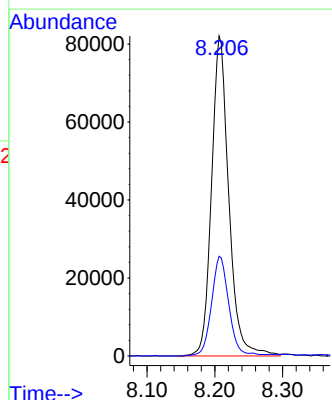
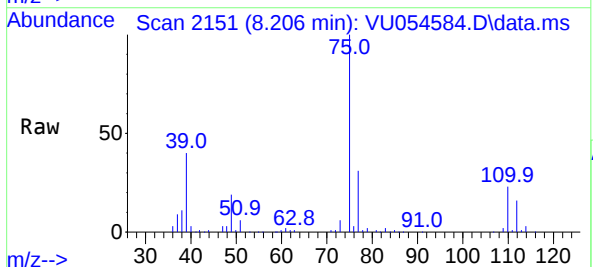
Acq: 19 Jun 2023 09:38

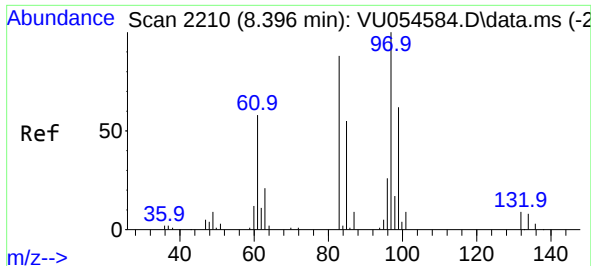
Tgt Ion: 75 Resp: 144910

Ion Ratio Lower Upper

75 100

77 31.2 21.3 39.6



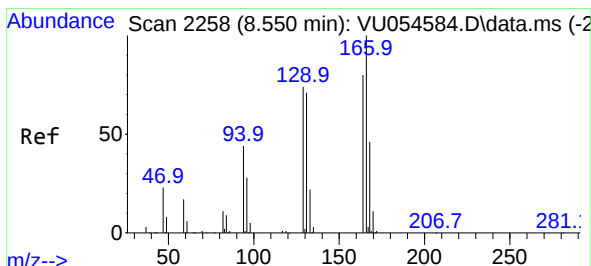
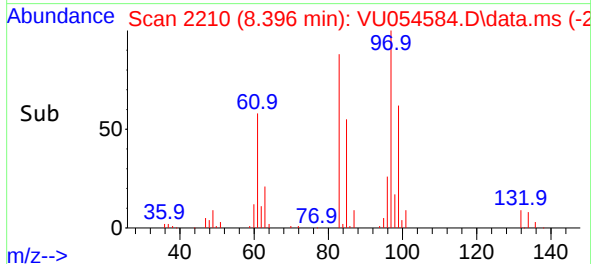
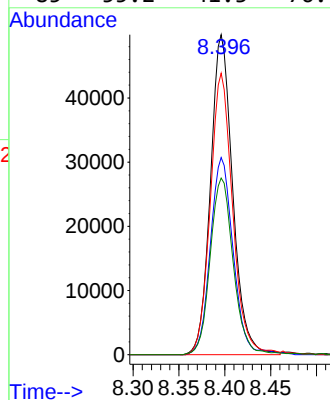
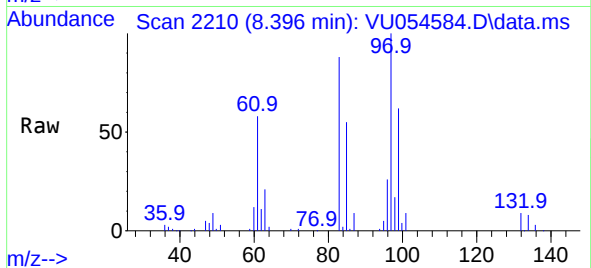


#45
1,1,2-Trichloroethane
Concen: 5.685 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. 0.000 min
Lab File: VU054584.D
Acq: 19 Jun 2023 09:38

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 84067

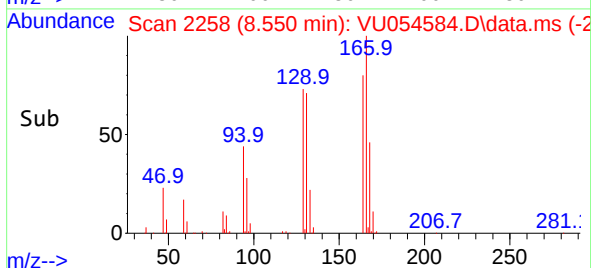
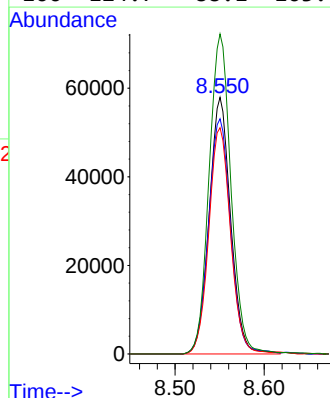
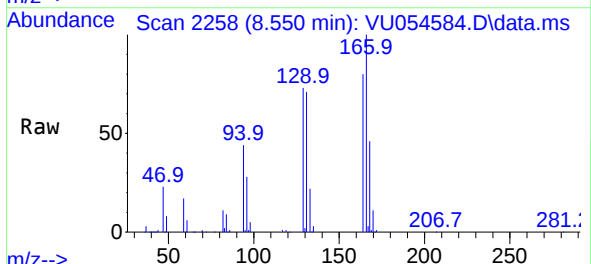
Ion	Ratio	Lower	Upper
97	100		
99	61.6	43.0	80.0
83	87.9	63.8	118.6
85	55.2	41.3	76.7

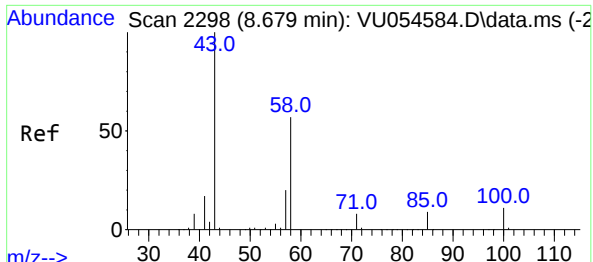


#47
Tetrachloroethene
Concen: 5.579 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU054584.D
Acq: 19 Jun 2023 09:38

Tgt Ion: 164 Resp: 97093

Ion	Ratio	Lower	Upper
164	100		
129	91.6	67.7	125.7
131	88.2	64.6	120.0
166	124.7	88.1	163.7

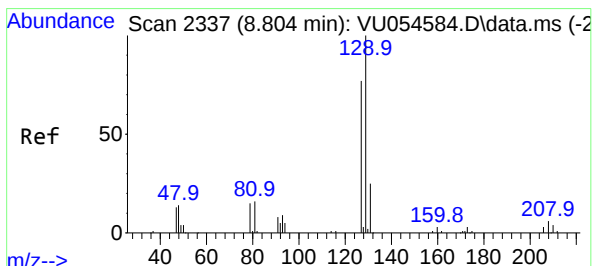
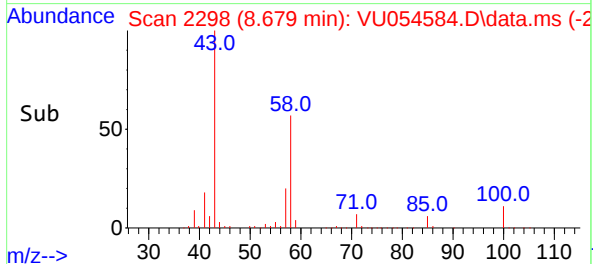
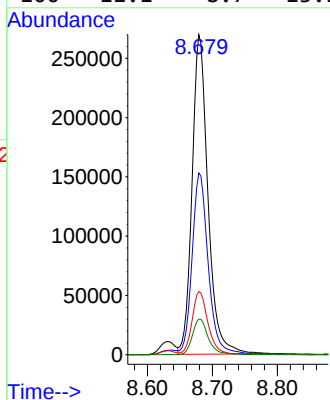
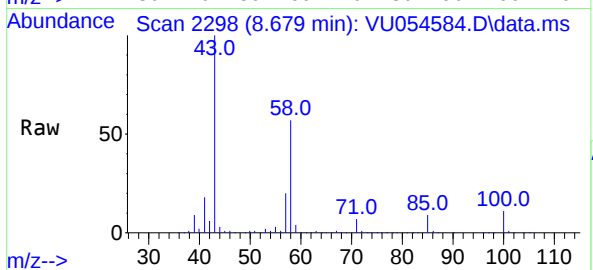




#48
2-Hexanone
Concen: 49.805 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VU054584.D
Acq: 19 Jun 2023 09:38

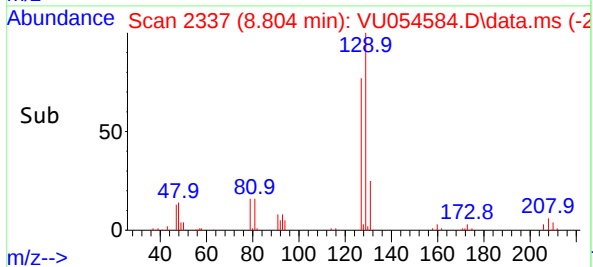
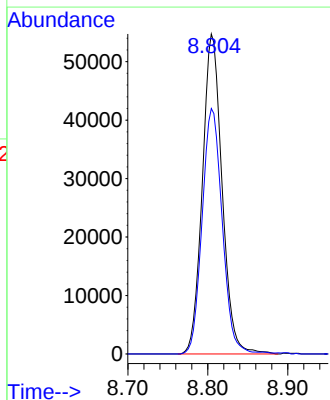
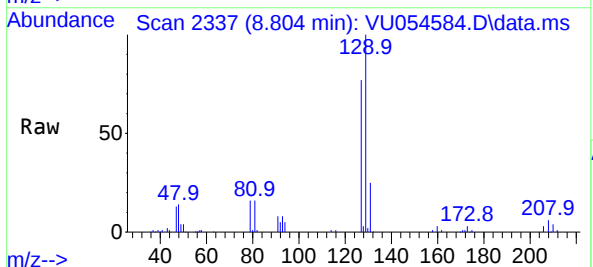
Instrument :
MSVOA_U
ClientSampleId :

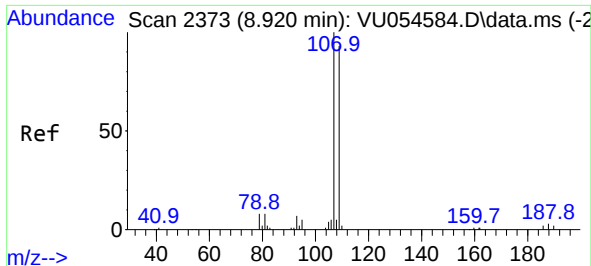
Tgt Ion: 43 Resp: 460354
Ion Ratio Lower Upper
43 100
58 57.1 45.2 67.8
57 19.6 15.8 23.6
100 11.1 8.7 13.1



#49
Dibromochloromethane
Concen: 6.047 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU054584.D
Acq: 19 Jun 2023 09:38

Tgt Ion: 129 Resp: 93898
Ion Ratio Lower Upper
129 100
127 76.7 53.2 98.8

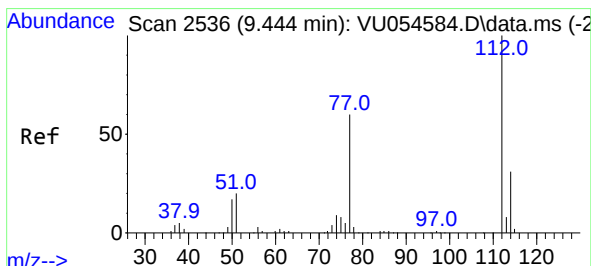
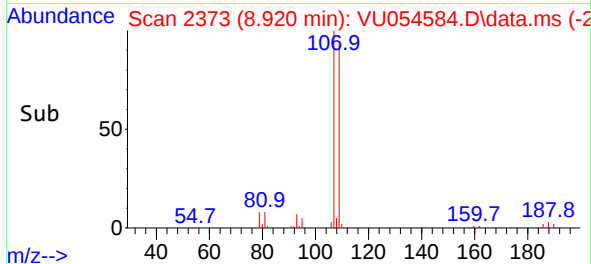
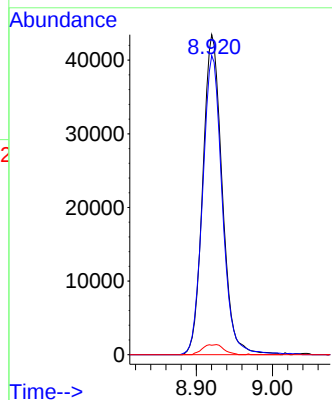
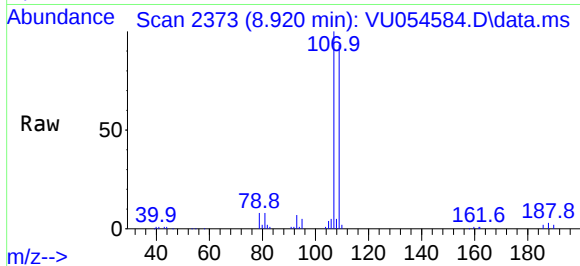




#50
1,2-Dibromoethane
Concen: 5.650 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054584.D
Acq: 19 Jun 2023 09:38

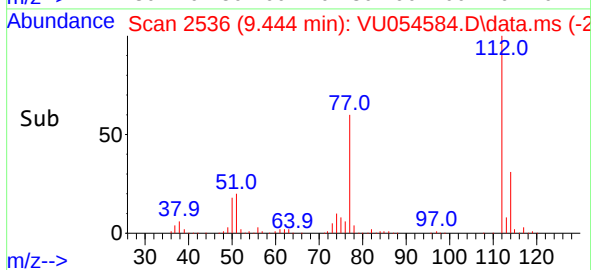
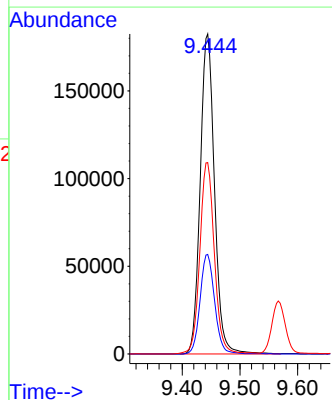
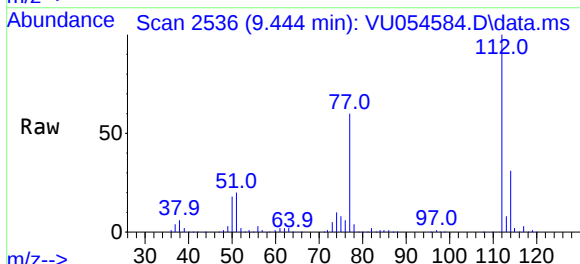
Instrument :
MSVOA_U
ClientSampleId :

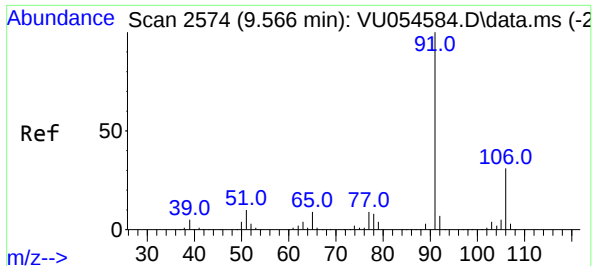
Tgt Ion:107 Resp: 76711
Ion Ratio Lower Upper
107 100
109 93.4 66.6 123.6
188 3.0 3.1 4.7#



#51
Chlorobenzene
Concen: 5.674 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU054584.D
Acq: 19 Jun 2023 09:38

Tgt Ion:112 Resp: 313150
Ion Ratio Lower Upper
112 100
114 31.1 22.7 42.1
77 59.8 49.8 74.8

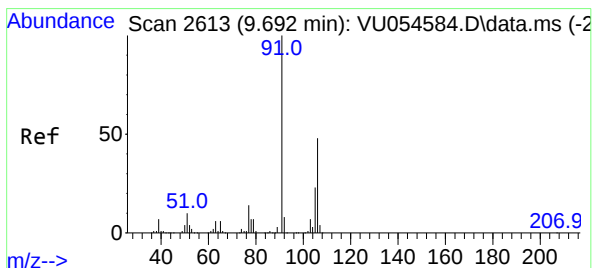
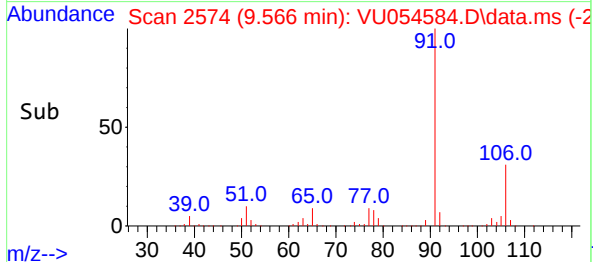
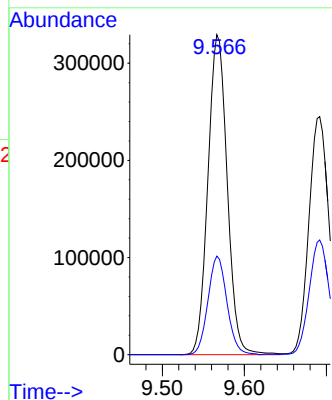
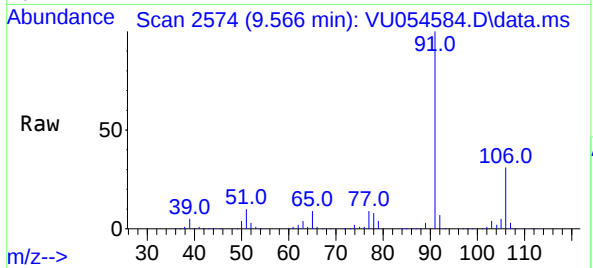




#52
Ethylbenzene
Concen: 5.575 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054584.D
Acq: 19 Jun 2023 09:38

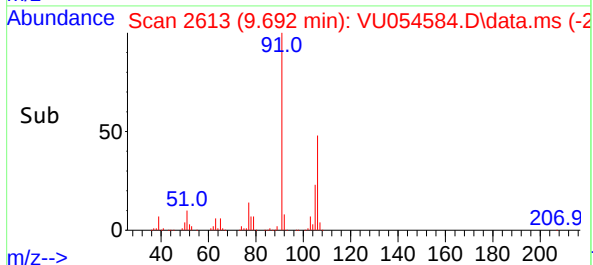
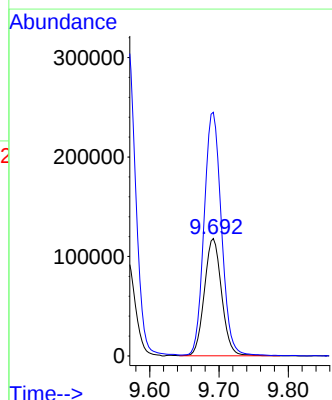
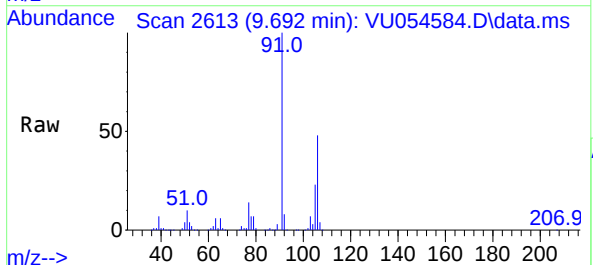
Instrument :
MSVOA_U
ClientSampleId :

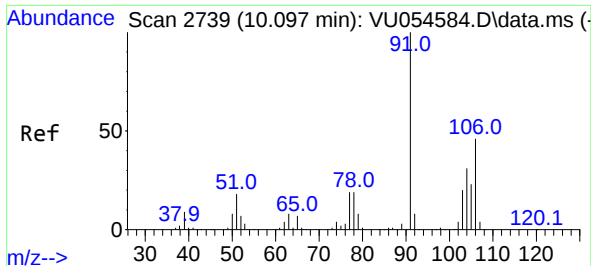
Tgt Ion: 91 Resp: 539037
Ion Ratio Lower Upper
91 100
106 30.8 21.1 39.3



#53
m,p-Xylene
Concen: 5.736 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU054584.D
Acq: 19 Jun 2023 09:38

Tgt Ion:106 Resp: 203738
Ion Ratio Lower Upper
106 100
91 207.4 147.0 273.0

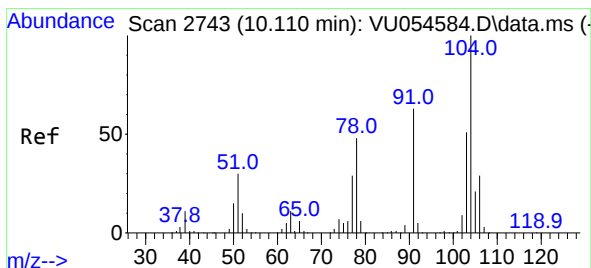
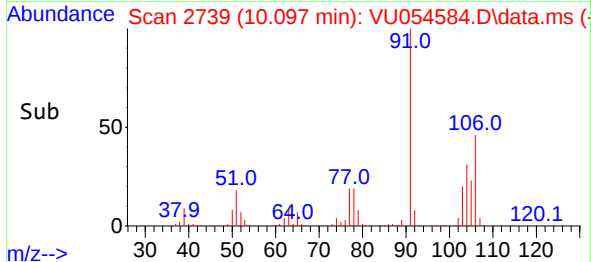
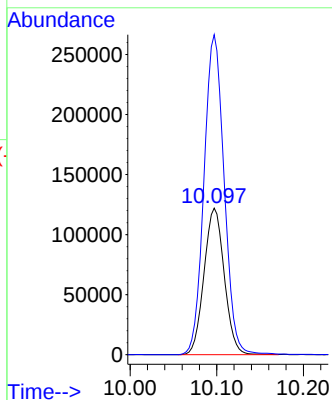
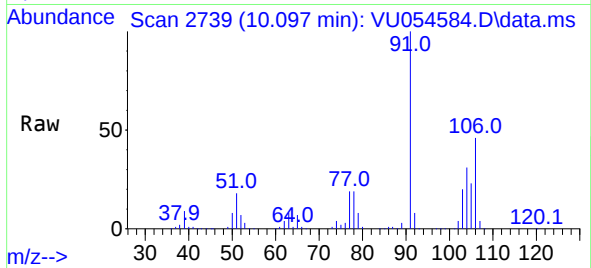




#54
o-Xylene
Concen: 5.775 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU054584.D
Acq: 19 Jun 2023 09:38

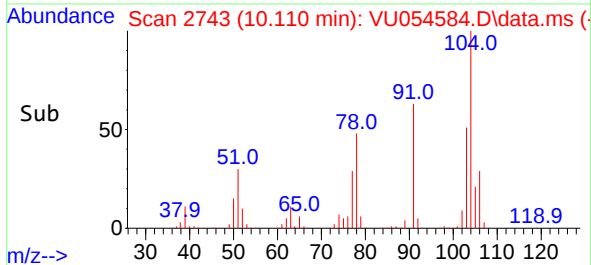
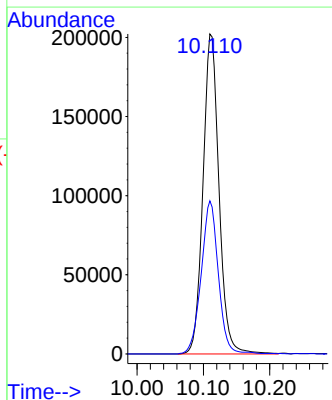
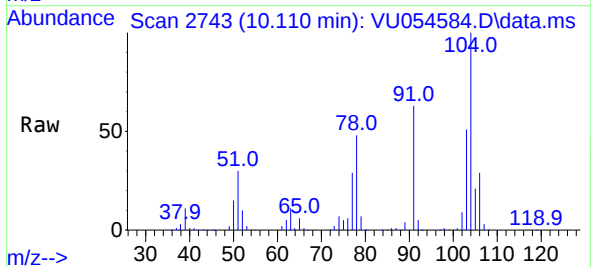
Instrument :
MSVOA_U
ClientSampleId :

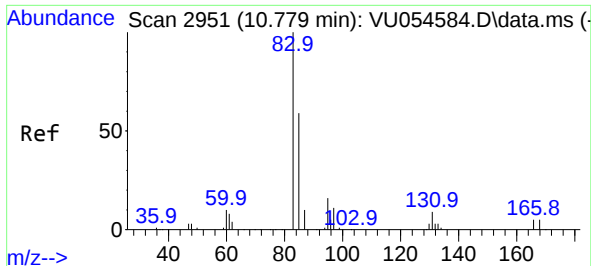
Tgt Ion:106 Resp: 198390
Ion Ratio Lower Upper
106 100
91 218.4 154.5 286.9



#55
Styrene
Concen: 5.874 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU054584.D
Acq: 19 Jun 2023 09:38

Tgt Ion:104 Resp: 338672
Ion Ratio Lower Upper
104 100
78 47.8 33.0 61.4

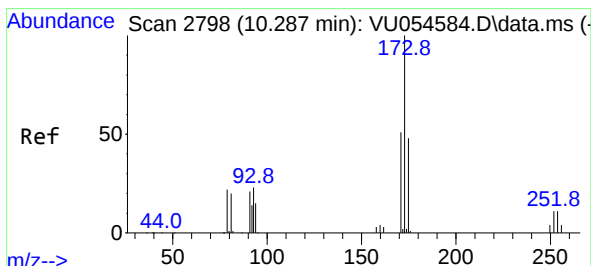
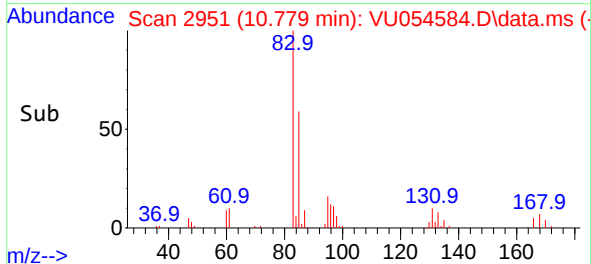
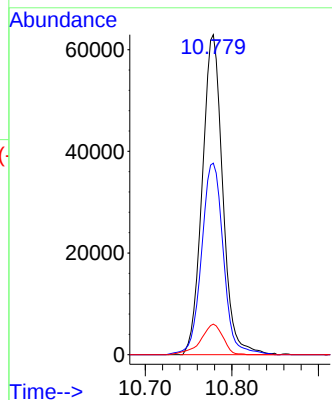
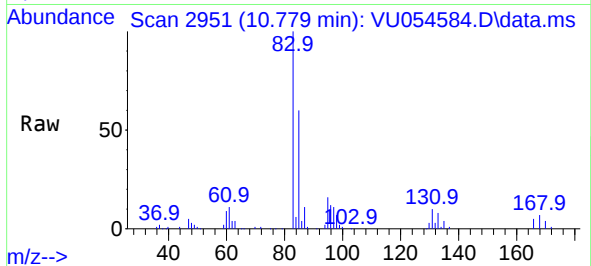




#57
1,1,2,2-Tetrachloroethane
Concen: 5.492 ug/L
RT: 10.779 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU054584.D
Acq: 19 Jun 2023 09:38

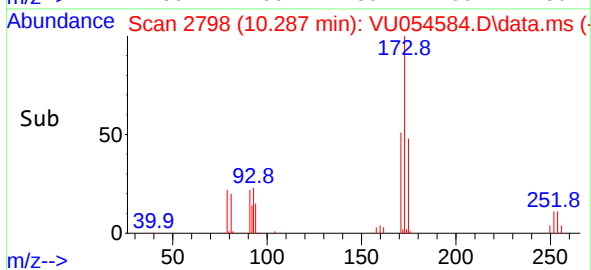
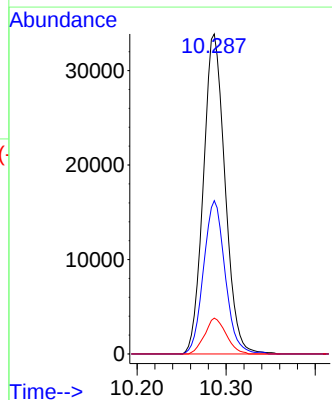
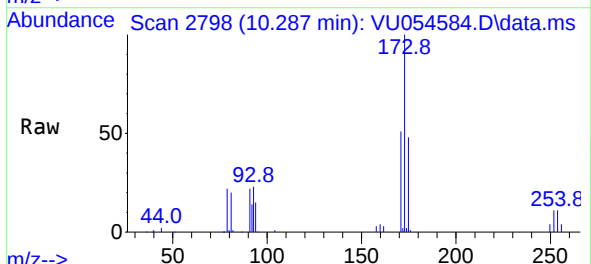
Instrument :
MSVOA_U
ClientSampleId :

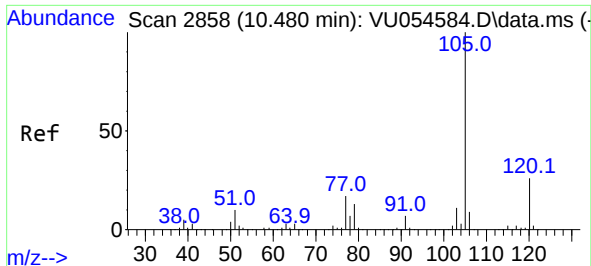
Tgt Ion: 83 Resp: 103170
Ion Ratio Lower Upper
83 100
85 59.9 44.2 82.2
131 9.5 7.0 10.6



#59
Bromoform
Concen: 6.172 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU054584.D
Acq: 19 Jun 2023 09:38

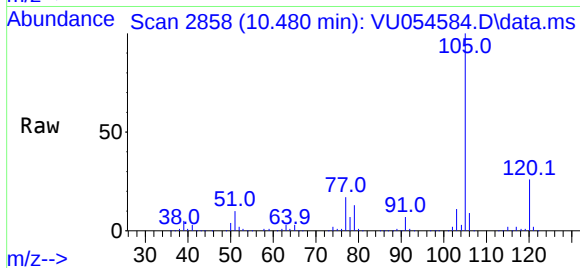
Tgt Ion:173 Resp: 57172
Ion Ratio Lower Upper
173 100
175 47.7 39.4 59.0
254 11.1 8.6 12.8



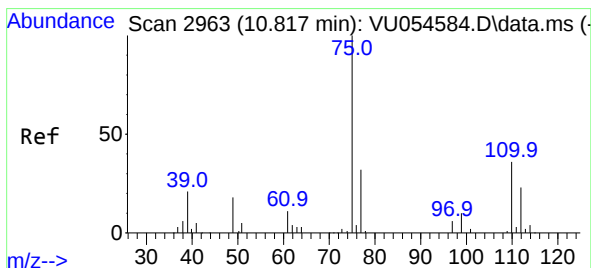
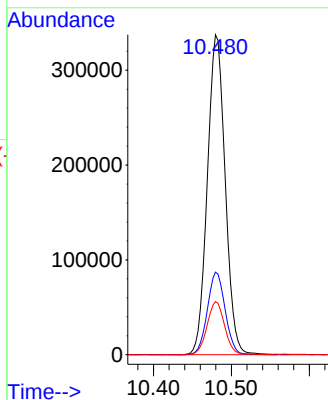
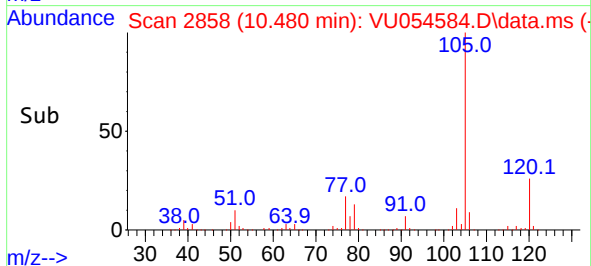


#60
Isopropylbenzene
Concen: 5.705 ug/L
RT: 10.480 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU054584.D
Acq: 19 Jun 2023 09:38

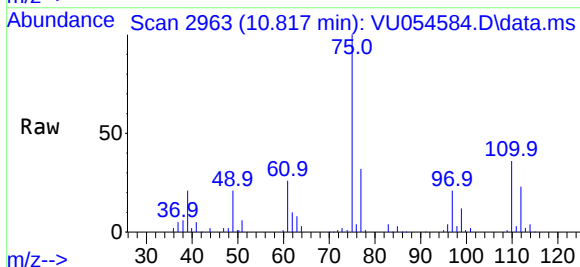
Instrument :
MSVOA_U
ClientSampleId :



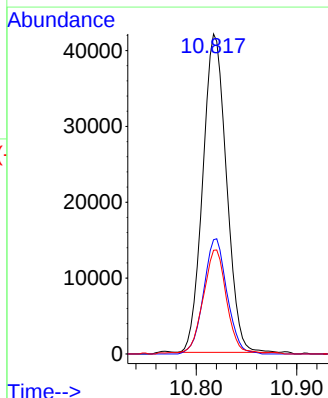
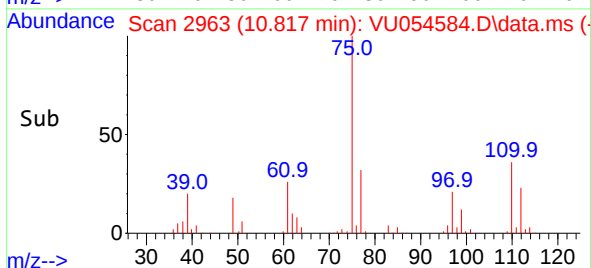
Tgt Ion:105 Resp: 538432
Ion Ratio Lower Upper
105 100
120 25.6 20.9 31.3
77 16.3 13.2 19.8

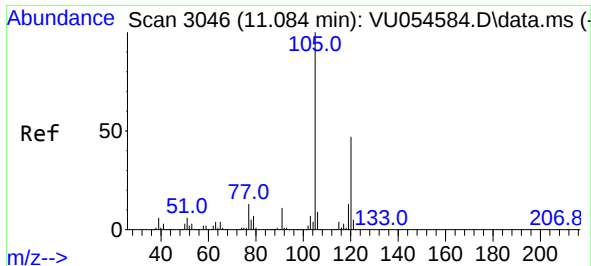


#61
1,2,3-Trichloropropane
Concen: 5.260 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU054584.D
Acq: 19 Jun 2023 09:38



Tgt Ion: 75 Resp: 68582
Ion Ratio Lower Upper
75 100
110 35.8 28.0 42.0
77 32.7 25.4 38.2

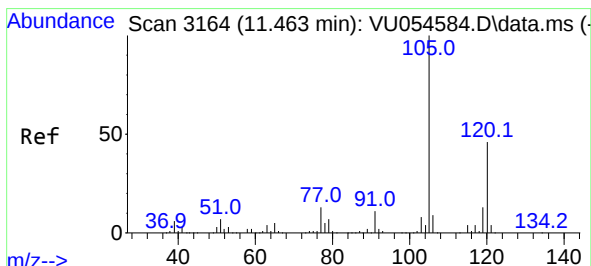
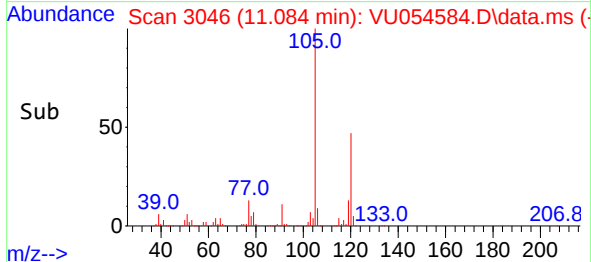
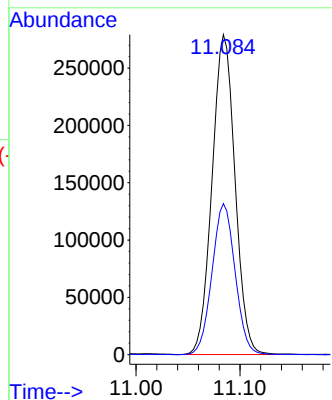
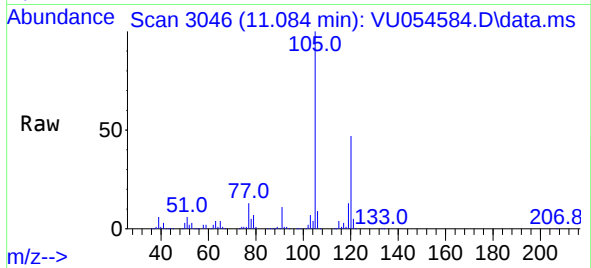




#62
1,3,5-Trimethylbenzene
Concen: 5.568 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU054584.D
Acq: 19 Jun 2023 09:38

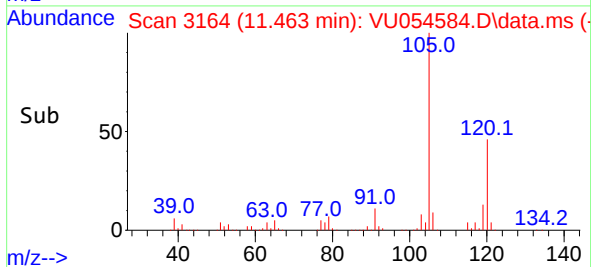
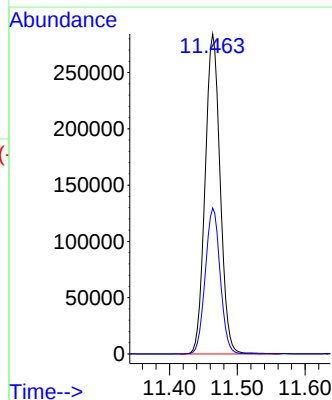
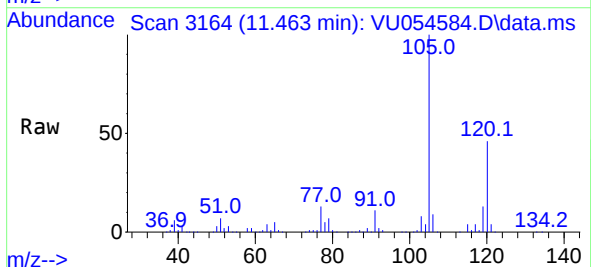
Instrument :
MSVOA_U
ClientSampleId :

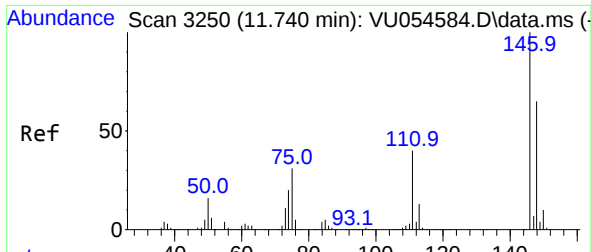
Tgt Ion:105 Resp: 428748
Ion Ratio Lower Upper
105 100
120 47.4 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 5.594 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU054584.D
Acq: 19 Jun 2023 09:38

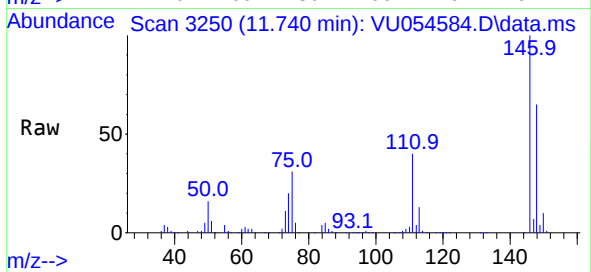
Tgt Ion:105 Resp: 437538
Ion Ratio Lower Upper
105 100
120 45.3 35.4 53.0



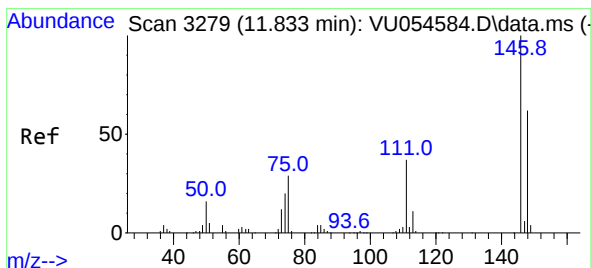
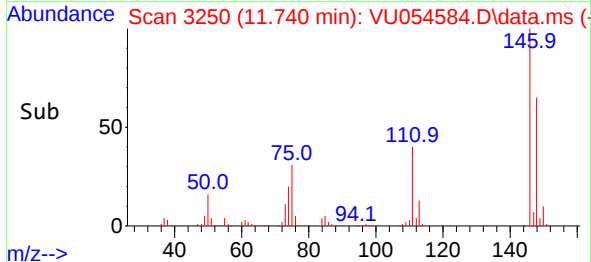
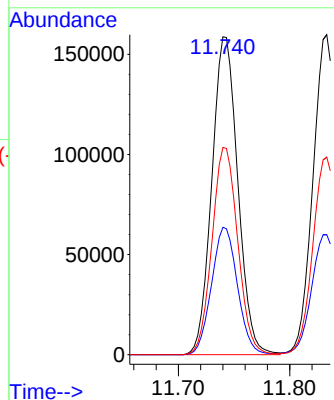


#64
1,3-Dichlorobenzene
Concen: 5.835 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU054584.D
Acq: 19 Jun 2023 09:38

Instrument :
MSVOA_U
ClientSampleId :

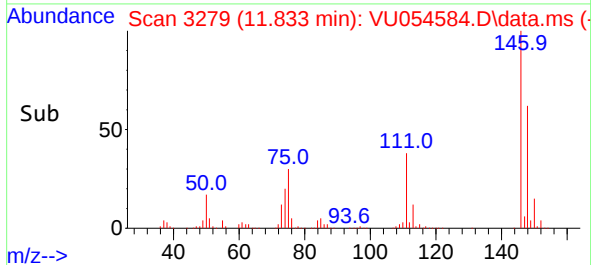
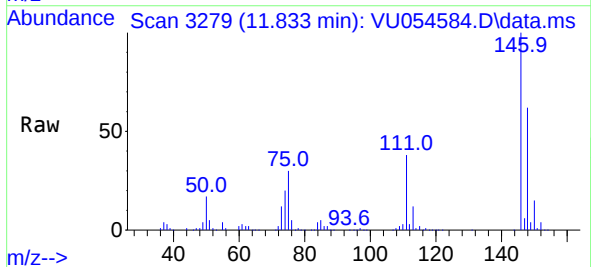
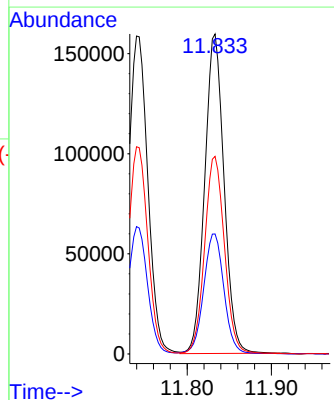


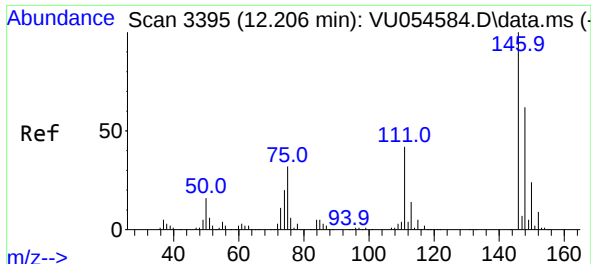
Tgt Ion:146 Resp: 257414
Ion Ratio Lower Upper
146 100
111 40.1 28.9 53.7
148 65.2 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 5.762 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU054584.D
Acq: 19 Jun 2023 09:38

Tgt Ion:146 Resp: 255111
Ion Ratio Lower Upper
146 100
111 37.5 28.0 52.0
148 61.8 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.701 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU054584.D

Acq: 19 Jun 2023 09:38

Instrument :

MSVOA_U

ClientSampleId :

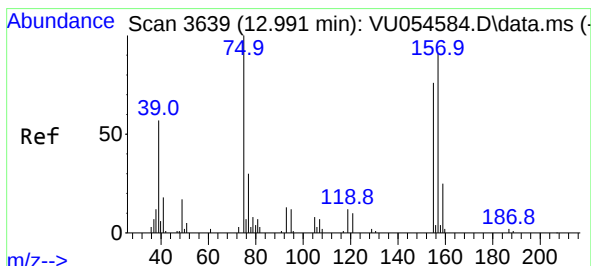
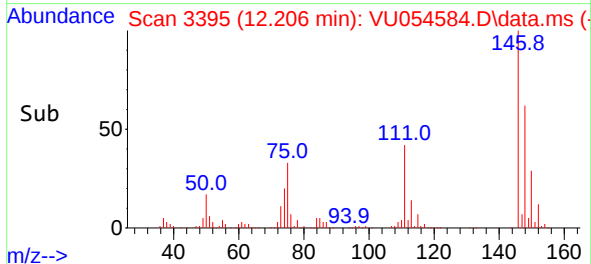
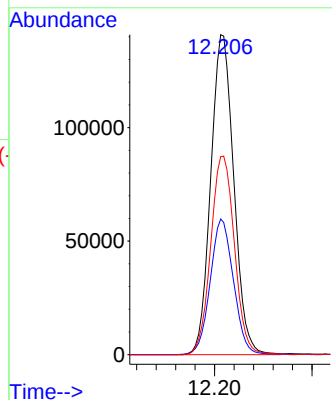
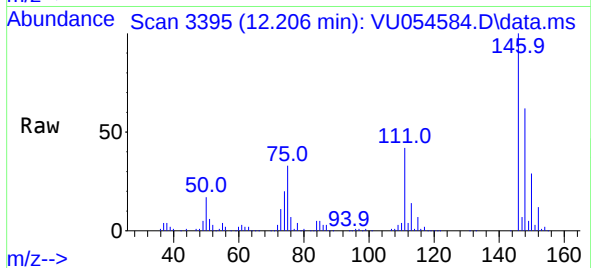
Tgt Ion:146 Resp: 231344

Ion Ratio Lower Upper

146 100

111 42.4 34.5 51.7

148 61.9 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 5.510 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU054584.D

Acq: 19 Jun 2023 09:38

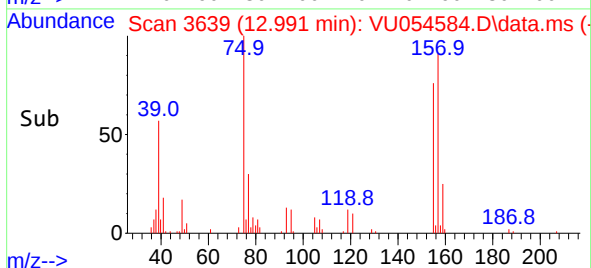
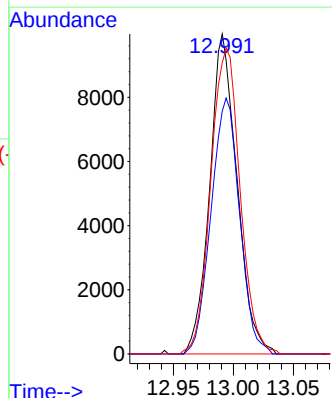
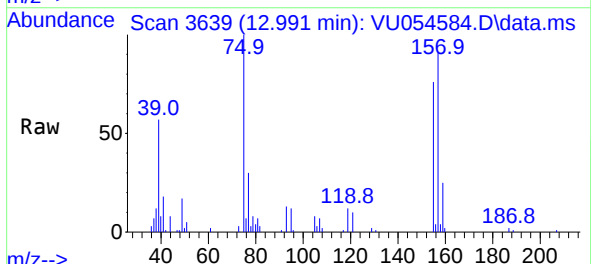
Tgt Ion: 75 Resp: 15789

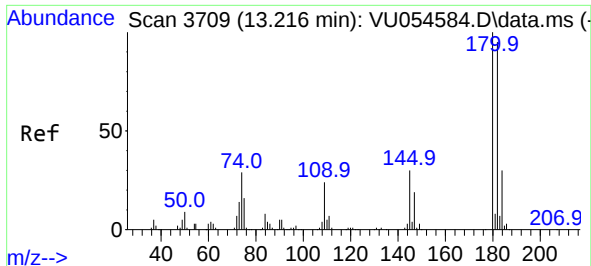
Ion Ratio Lower Upper

75 100

155 75.9 65.7 98.5

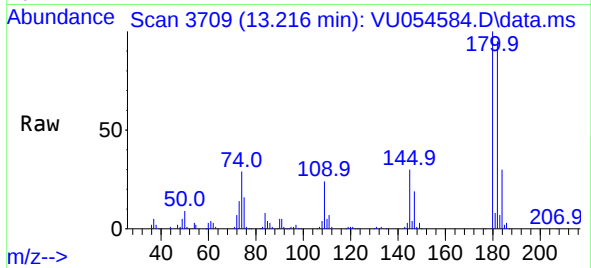
157 91.1 84.2 126.2



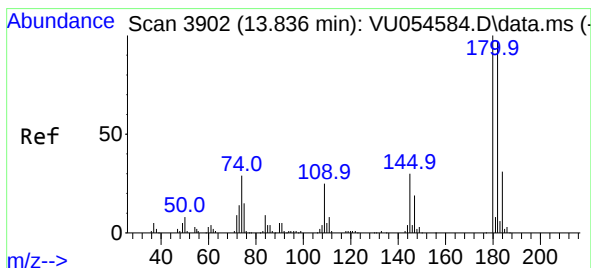
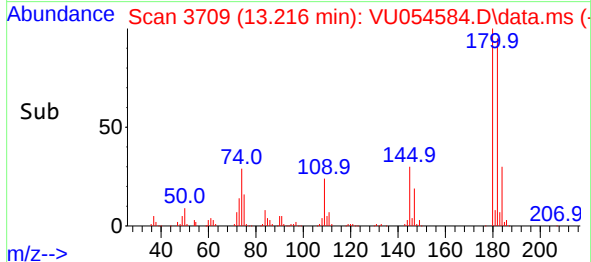
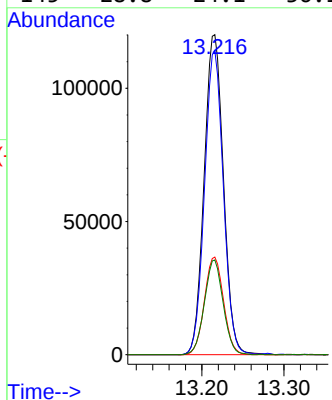


#69
 1,3,5-Trichlorobenzene
 Concen: 5.887 ug/L
 RT: 13.216 min Scan# 3709
 Delta R.T. 0.000 min
 Lab File: VU054584.D
 Acq: 19 Jun 2023 09:38

Instrument :
 MSVOA_U
 ClientSampleId :

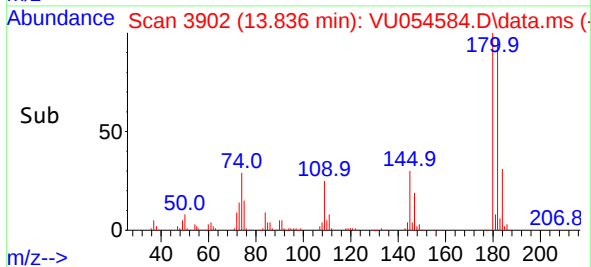
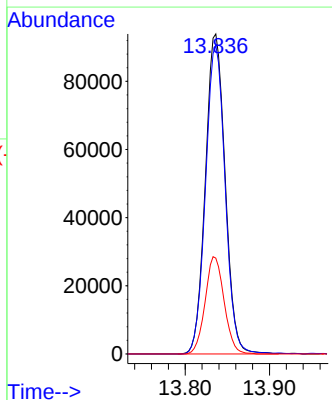
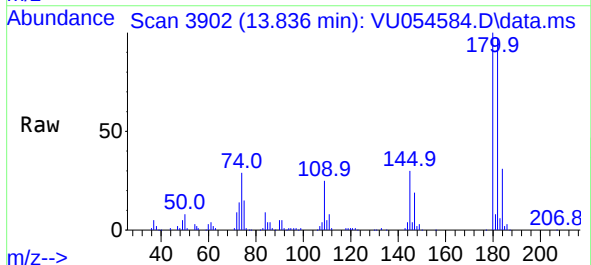


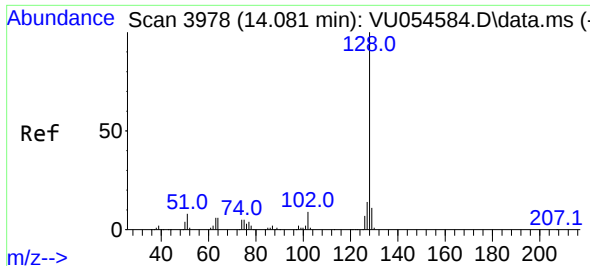
Tgt Ion:180 Resp: 195963
 Ion Ratio Lower Upper
 180 100
 182 92.7 75.0 112.6
 184 30.2 24.1 36.1
 145 28.8 24.1 36.1



#70
 1,2,4-trichlorobenzene
 Concen: 5.570 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.000 min
 Lab File: VU054584.D
 Acq: 19 Jun 2023 09:38

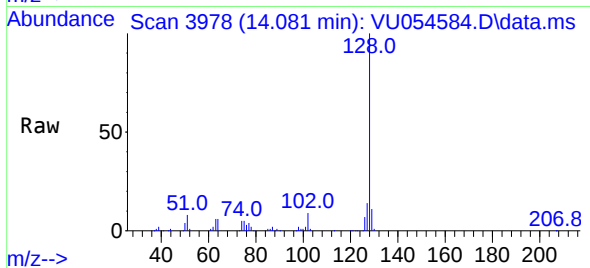
Tgt Ion:180 Resp: 153315
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.6 114.8
 145 29.2 24.0 36.0



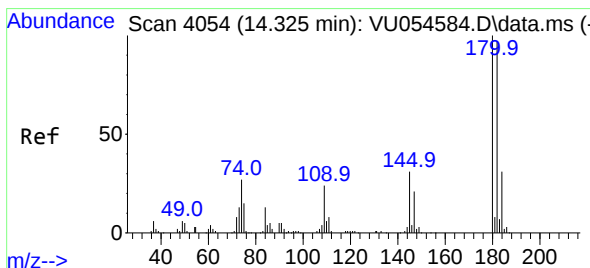
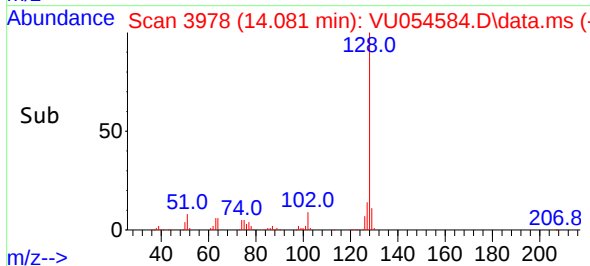
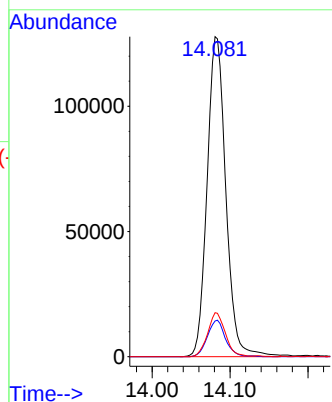


#71
Naphthalene
Concen: 4.769 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU054584.D
Acq: 19 Jun 2023 09:38

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 213437
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.0 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 5.447 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU054584.D
Acq: 19 Jun 2023 09:38

Tgt Ion:180 Resp: 128818
Ion Ratio Lower Upper
180 100
182 95.9 75.4 113.2
145 31.4 26.0 39.0

