

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092523\
 Data File : VU055481.D
 Acq On : 25 Sep 2023 08:57
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 26 01:20:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Sep 25 01:08:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	336365	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	340403	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	186607	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	119052	3.502	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.000%
7) Chloroethane-d5	1.911	69	116003	3.872	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.400%
11) 1,1-Dichloroethene-d2	2.563	65	53877	3.850	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.000%
20) 2-Butanone-d5	4.631	46	332886	54.212	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.420%
24) Chloroform-d	5.059	84	286607	4.661	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.698	65	139405	4.713	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	5.724	84	519936	4.367	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.689	67	165506	4.652	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.894	98	465365	4.288	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	8.177	79	64719	5.184	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.600%
46) 2-Hexanone-d5	8.631	63	198651	52.313	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.620%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	134237	5.035	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	162540	4.316	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	156955	4.793	ug/L	100
3) Chloromethane	1.515	50	137999	4.790	ug/L	100
5) Vinyl chloride	1.602	62	152465	4.906	ug/L	99
6) Bromomethane	1.856	94	86804	4.397	ug/L	93
8) Chloroethane	1.930	64	90791	4.477	ug/L	98
9) Trichlorofluoromethane	2.136	101	211988	4.919	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	129870	4.952	ug/L	100
12) 1,1-Dichloroethene	2.576	96	117199	4.983	ug/L	91
13) Acetone	2.644	43	181046	51.723	ug/L	99
14) Carbon disulfide	2.789	76	367742	5.202	ug/L	99
15) Methyl Acetate	2.953	43	39781	4.985	ug/L	98
16) Methylene chloride	3.039	84	130303	4.625	ug/L	97
17) Methyl tert-butyl Ether	3.358	73	256384	5.025	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	115700	4.881	ug/L	98
19) 1,1-Dichloroethane	3.866	63	222382	5.073	ug/L	97
21) 2-Butanone	4.711	43	269162	52.430	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	133092	4.843	ug/L	96
23) Bromochloromethane	4.972	128	57542	4.954	ug/L	98
25) Chloroform	5.084	83	238906	5.147	ug/L	99

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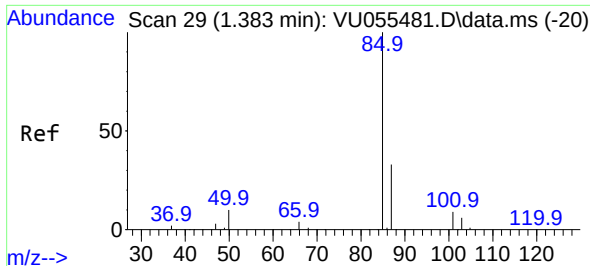
Quant Time: Sep 26 01:20:42 2023
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	141721	4.979	ug/L	100
29) 1,1,1-Trichloroethane	5.313	97	210241	5.418	ug/L	99
30) Cyclohexane	5.386	56	178885	5.036	ug/L	99
31) Carbon tetrachloride	5.522	117	183443	5.515	ug/L	99
33) Benzene	5.772	78	507452	5.179	ug/L	100
34) Trichloroethene	6.541	95	139599	5.037	ug/L	97
35) Methylcyclohexane	6.759	83	199368	4.994	ug/L	97
37) 1,2-Dichloropropane	6.788	63	131382	5.127	ug/L	99
38) Bromodichloromethane	7.103	83	164022	5.463	ug/L	97
39) cis-1,3-Dichloropropene	7.605	75	187446	5.481	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	622285	53.539	ug/L	99
42) Toluene	7.968	91	546400	5.228	ug/L	99
44) trans-1,3-Dichloropropene	8.210	75	153254	5.601	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	92605	5.155	ug/L	98
47) Tetrachloroethene	8.550	164	102814	5.172	ug/L	96
48) 2-Hexanone	8.682	43	462847	51.381	ug/L	98
49) Dibromochloromethane	8.808	129	102689	5.453	ug/L	98
50) 1,2-Dibromoethane	8.923	107	87746	5.263	ug/L #	100
51) Chlorobenzene	9.444	112	341113	5.096	ug/L	98
52) Ethylbenzene	9.570	91	579250	5.170	ug/L	98
53) m,p-Xylene	9.692	106	220210	5.245	ug/L	97
54) o-Xylene	10.097	106	214713	5.260	ug/L	96
55) Styrene	10.113	104	355686	5.389	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.779	83	108916	5.370	ug/L	100
59) Bromoform	10.290	173	59108	5.910	ug/L	97
60) Isopropylbenzene	10.483	105	571994	5.318	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	77555	5.324	ug/L	97
62) 1,3,5-Trimethylbenzene	11.087	105	457391	5.318	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	445009	5.286	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	269147	5.227	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	261679	5.085	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	247975	5.253	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	15192	6.017	ug/L	96
69) 1,3,5-Trichlorobenzene	13.216	180	180951	5.103	ug/L	99
70) 1,2,4-trichlorobenzene	13.840	180	132526	4.902	ug/L	99
71) Naphthalene	14.084	128	176907	4.520	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	112893	4.799	ug/L	98

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

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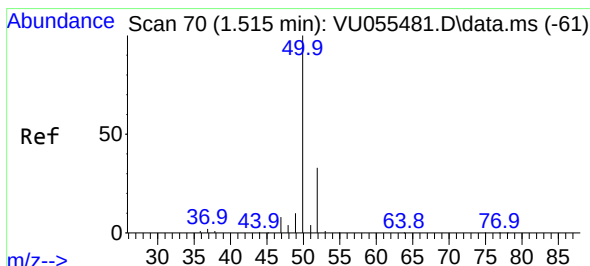
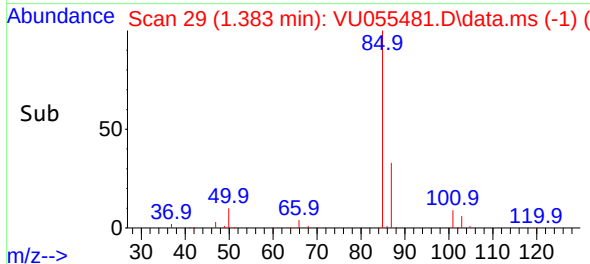
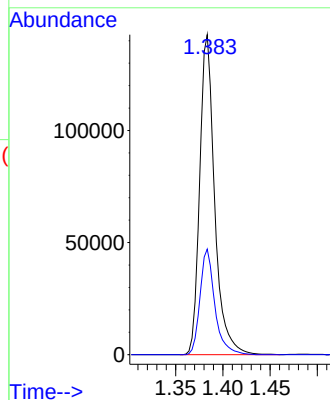
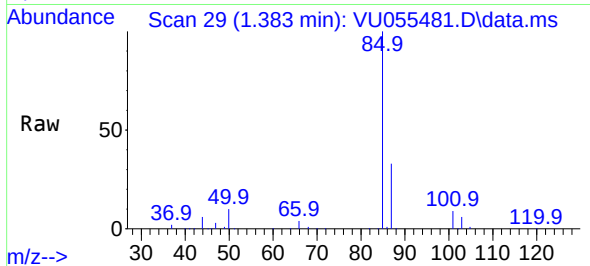




#2
 Dichlorodifluoromethane
 Concen: 4.793 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU055481.D
 Acq: 25 Sep 2023 08:57

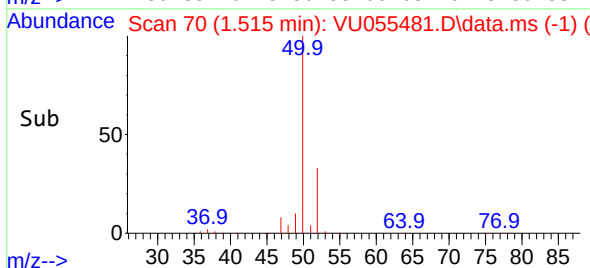
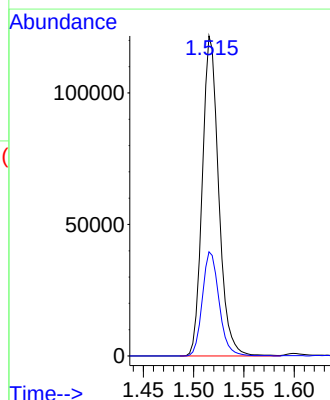
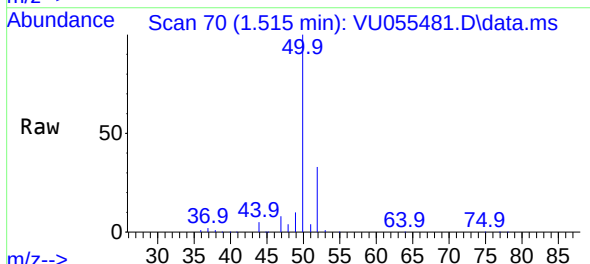
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 MSVOA_U
 ClientSampleId :

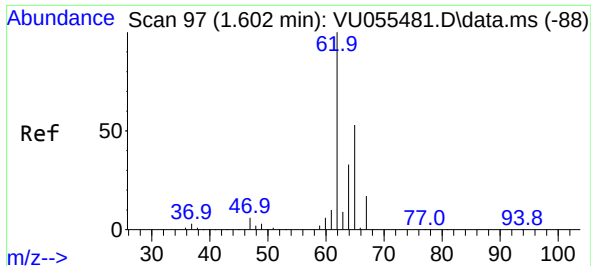
Tgt Ion: 85 Resp: 156955
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.0 39.0



#3
 Chloromethane
 Concen: 4.790 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU055481.D
 Acq: 25 Sep 2023 08:57

Tgt Ion: 50 Resp: 137999
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.9 42.5

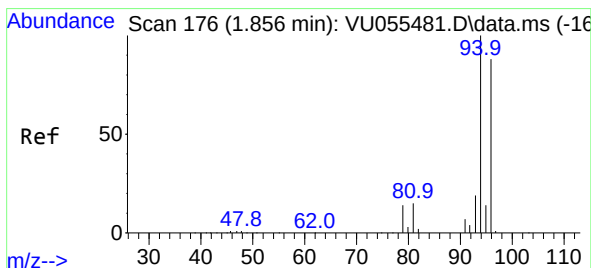
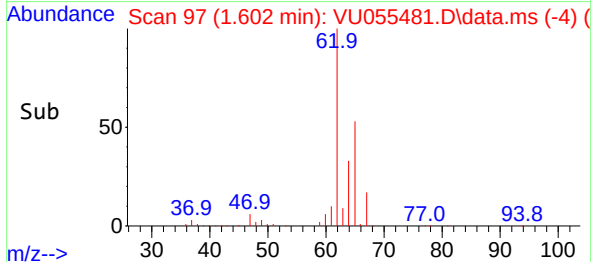
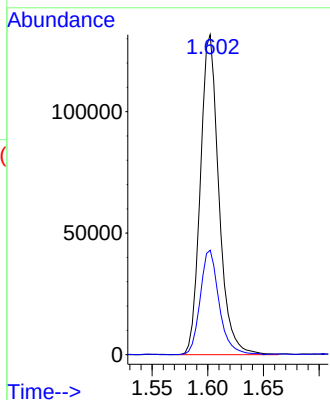
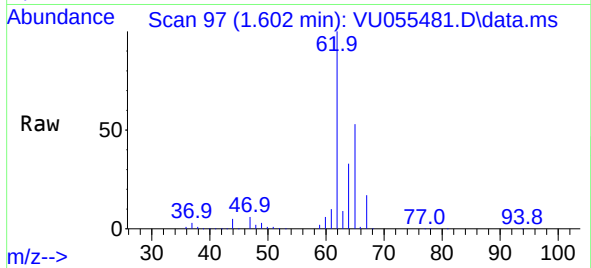




#5
 Vinyl chloride
 Concen: 4.906 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU055481.D
 Acq: 25 Sep 2023 08:57

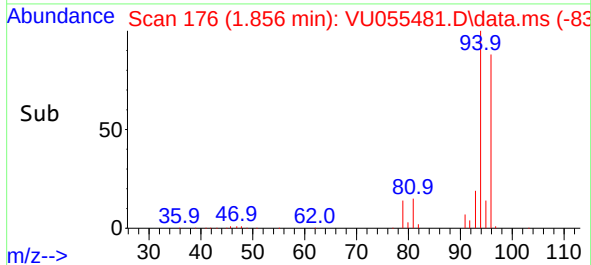
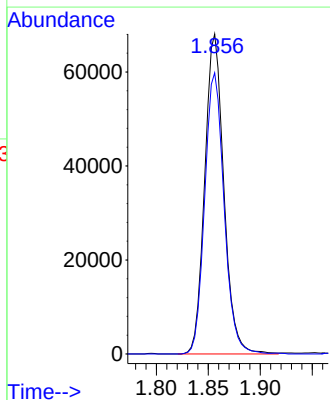
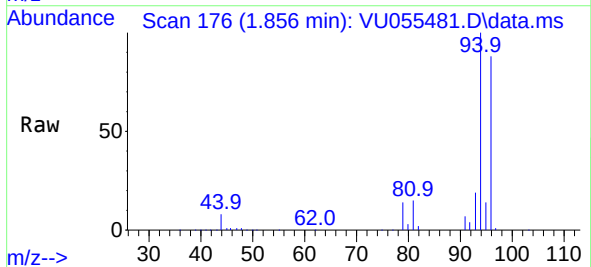
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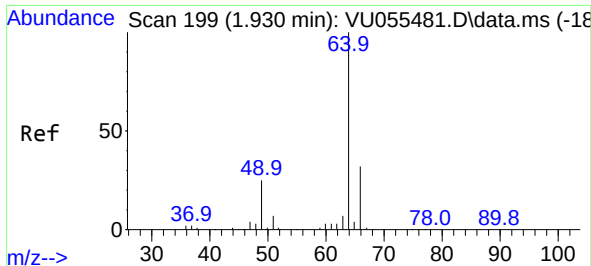
Tgt Ion: 62 Resp: 152465
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.3 41.5



#6
 Bromomethane
 Concen: 4.397 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.000 min
 Lab File: VU055481.D
 Acq: 25 Sep 2023 08:57

Tgt Ion: 94 Resp: 86804
 Ion Ratio Lower Upper
 94 100
 96 87.9 66.4 123.2

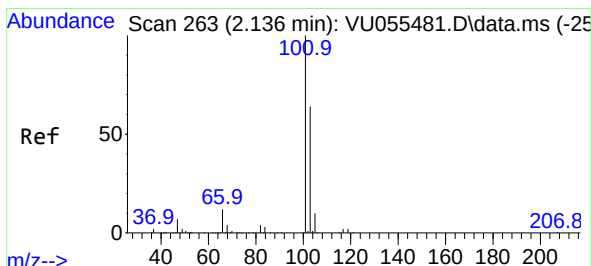
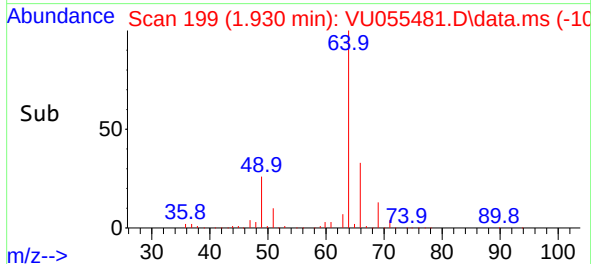
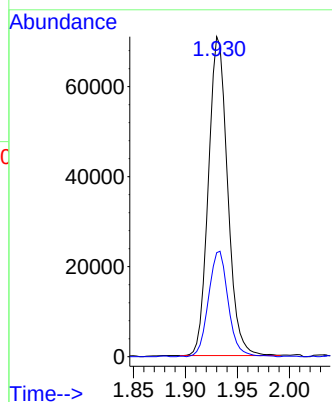
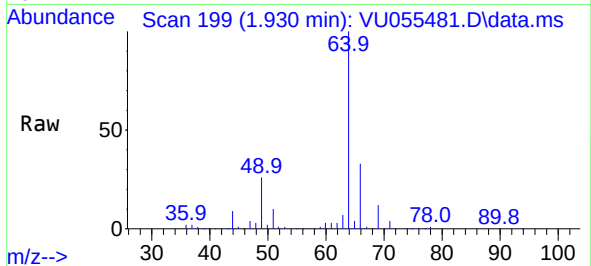




#8
Chloroethane
Concen: 4.477 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU055481.D
Acq: 25 Sep 2023 08:57

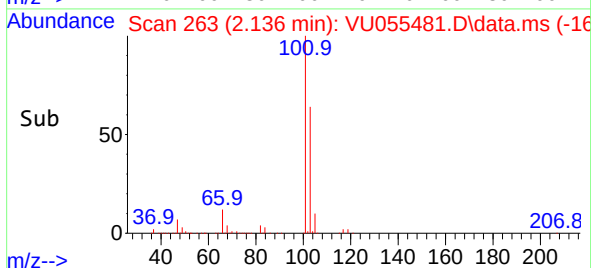
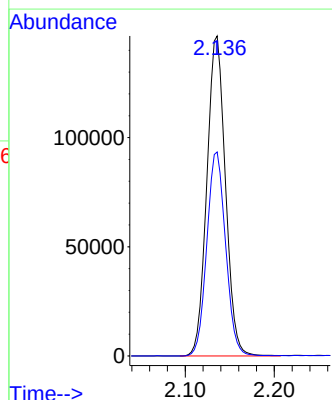
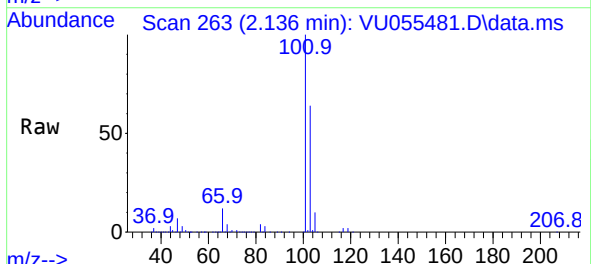
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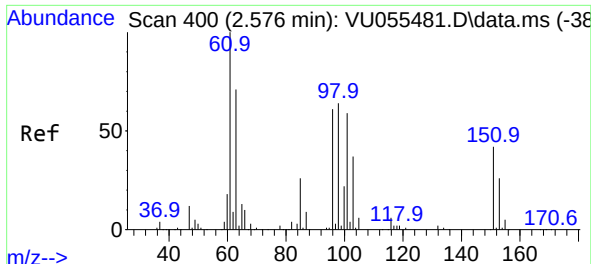
Tgt Ion: 64 Resp: 90791
Ion Ratio Lower Upper
64 100
66 32.5 23.7 44.1



#9
Trichlorofluoromethane
Concen: 4.919 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.007 min
Lab File: VU055481.D
Acq: 25 Sep 2023 08:57

Tgt Ion:101 Resp: 211988
Ion Ratio Lower Upper
101 100
103 64.5 52.0 78.0

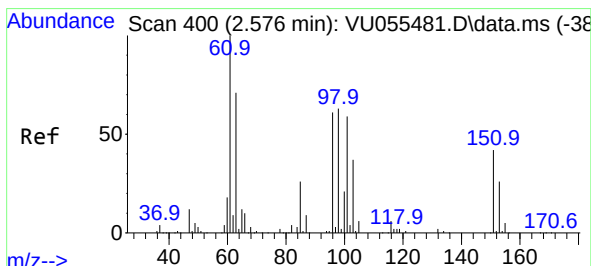
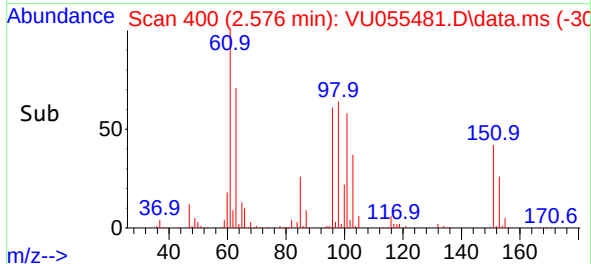
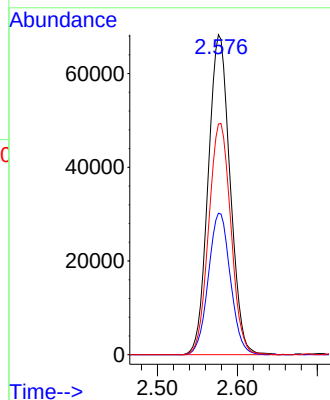
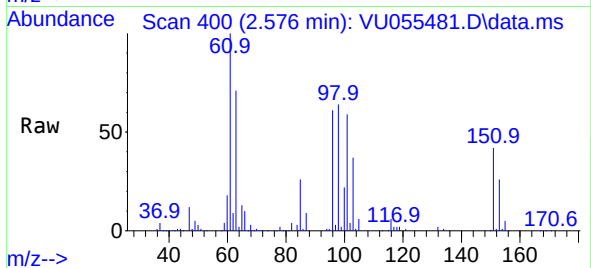




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.952 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU055481.D
Acq: 25 Sep 2023 08:57

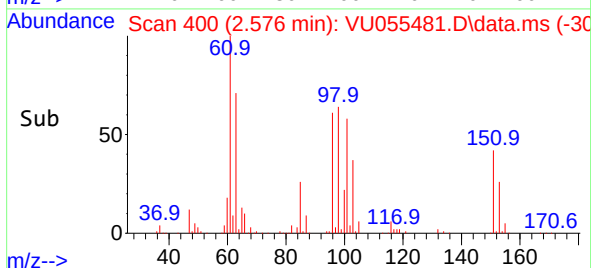
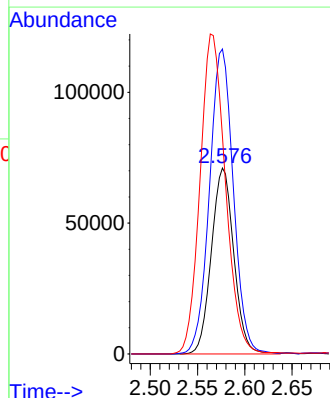
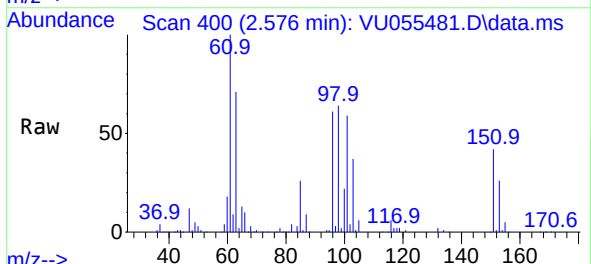
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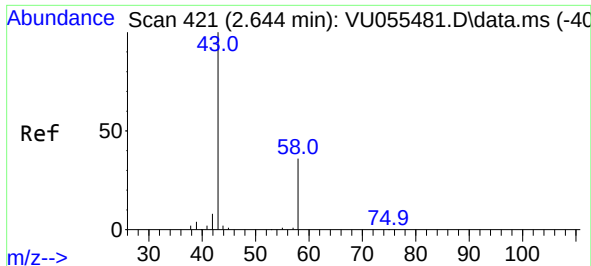
Tgt Ion:101 Resp: 129870
Ion Ratio Lower Upper
101 100
85 44.5 35.8 53.6
151 73.1 58.2 87.4



#12
1,1-Dichloroethene
Concen: 4.983 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU055481.D
Acq: 25 Sep 2023 08:57

Tgt Ion: 96 Resp: 117199
Ion Ratio Lower Upper
96 100
61 164.0 114.5 212.7
63 117.0 98.3 182.5





#13

Acetone

Concen: 51.723 ug/L

RT: 2.644 min Scan# 421

Delta R.T. 0.003 min

Lab File: VU055481.D

Acq: 25 Sep 2023 08:57

Instrument :

MSVOA_U

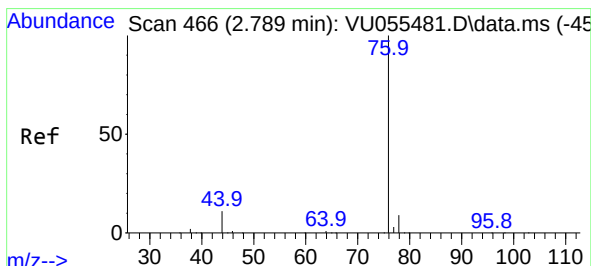
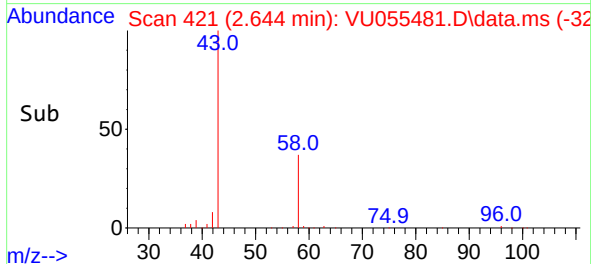
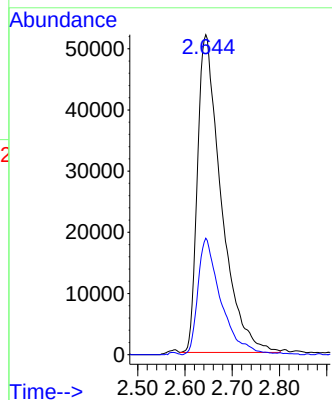
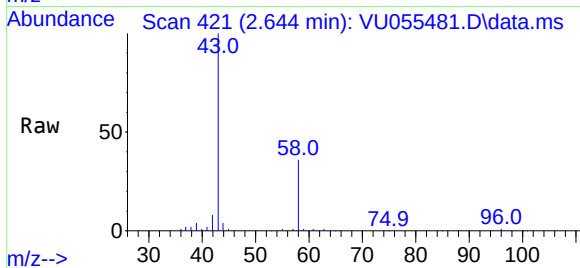
ClientSampleId :

Tgt Ion: 43 Resp: 181046

Ion Ratio Lower Upper

43 100

58 35.5 0.0 72.2



#14

Carbon disulfide

Concen: 5.202 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU055481.D

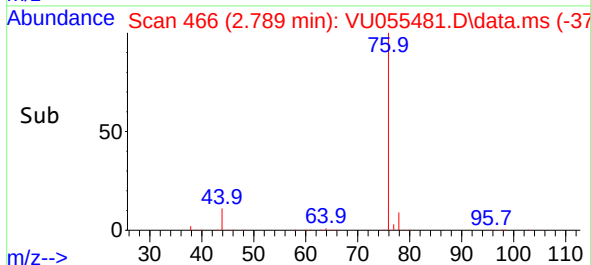
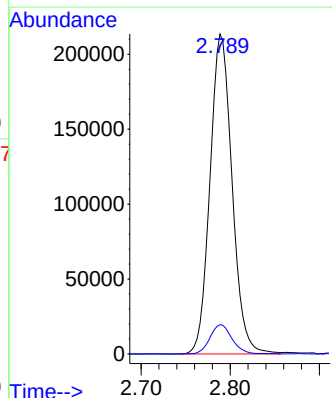
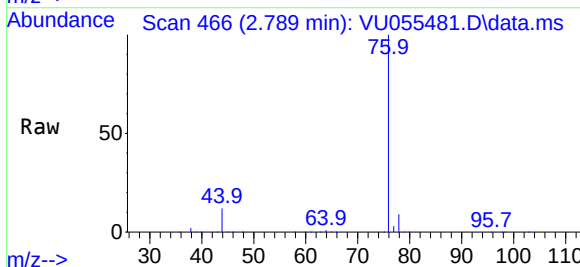
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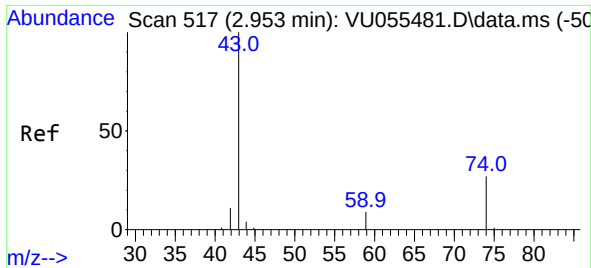
Tgt Ion: 76 Resp: 367742

Ion Ratio Lower Upper

76 100

78 9.1 7.7 11.5

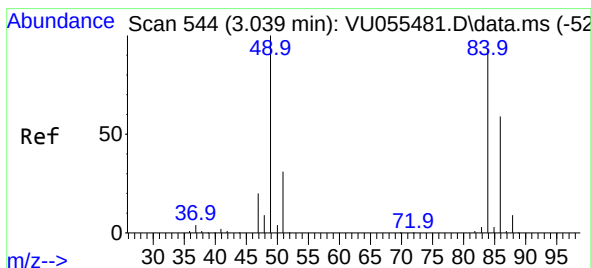
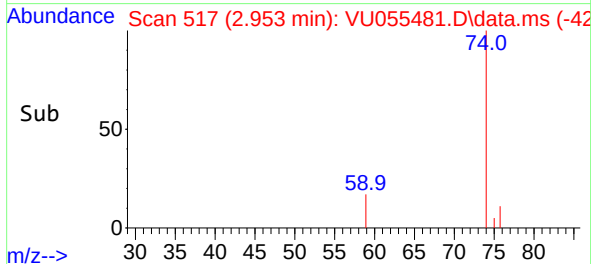
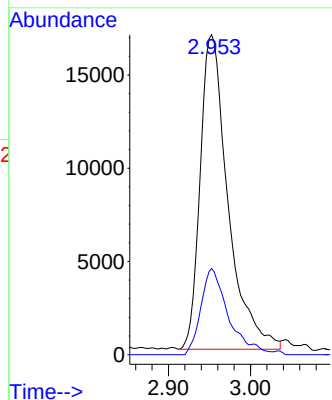
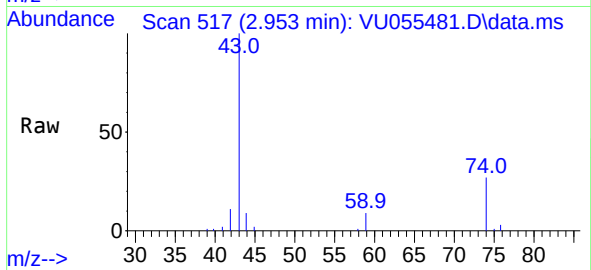




#15
Methyl Acetate
Concen: 4.985 ug/L
RT: 2.953 min Scan# 517
Delta R.T. 0.000 min
Lab File: VU055481.D
Acq: 25 Sep 2023 08:57

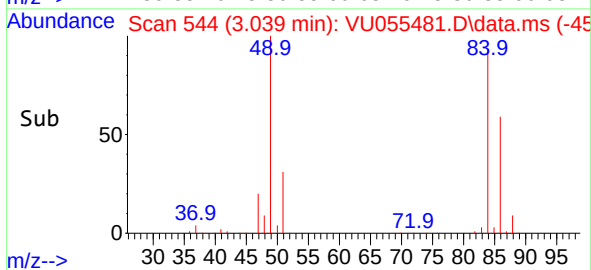
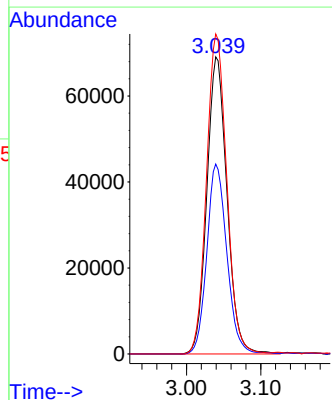
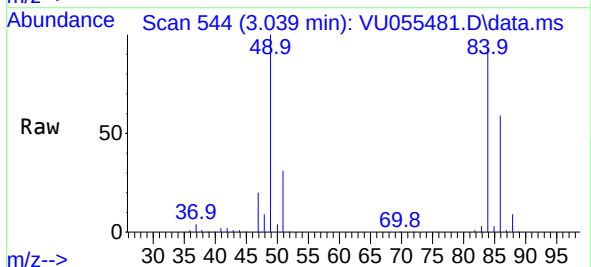
Instrument :
MSVOA_U
ClientSampleId :

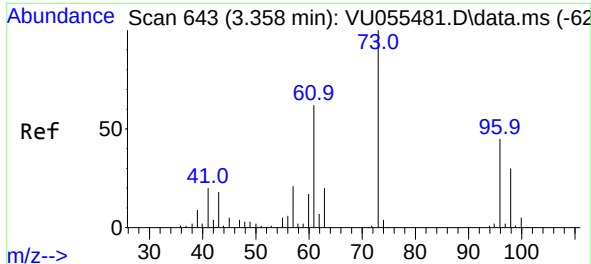
Tgt Ion: 43 Resp: 39781
Ion Ratio Lower Upper
43 100
74 27.0 22.3 33.5



#16
Methylene chloride
Concen: 4.625 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU055481.D
Acq: 25 Sep 2023 08:57

Tgt Ion: 84 Resp: 130303
Ion Ratio Lower Upper
84 100
86 63.9 44.9 83.3
49 107.7 78.8 146.3

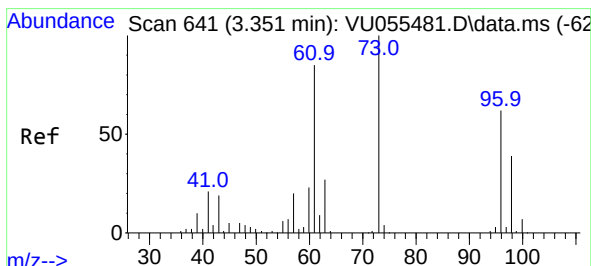
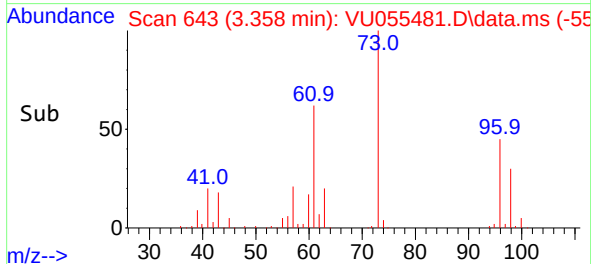
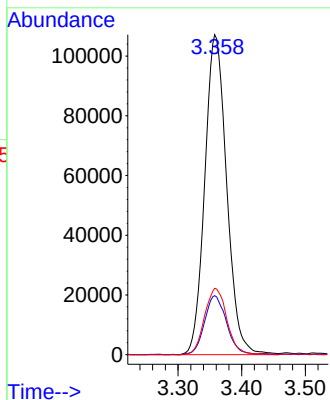
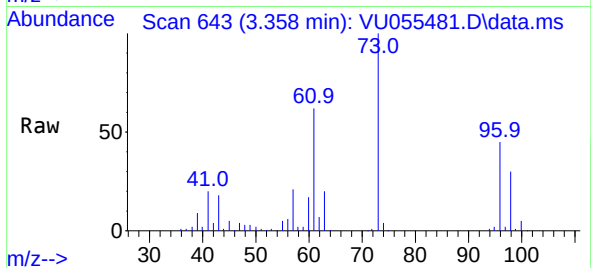




#17
Methyl tert-butyl Ether
Concen: 5.025 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU055481.D
Acq: 25 Sep 2023 08:57

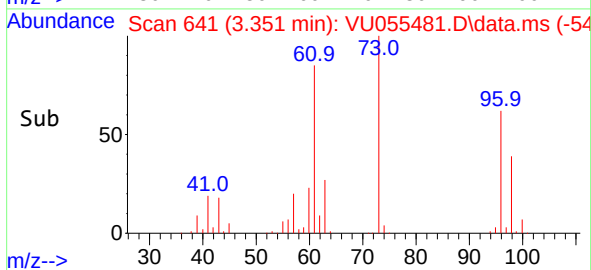
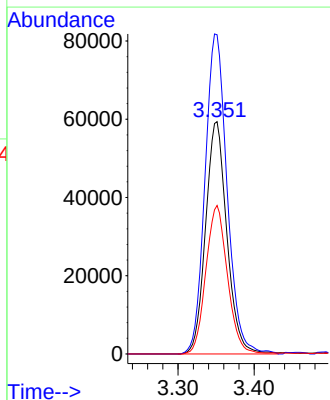
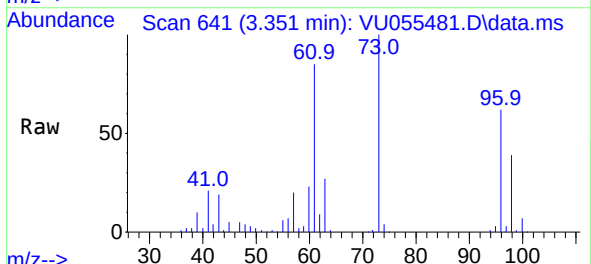
Instrument :
MSVOA_U
ClientSampleId :

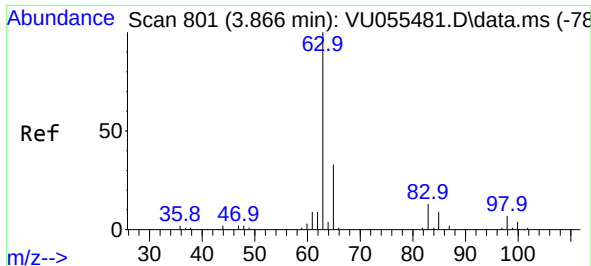
Tgt Ion: 73 Resp: 256384
Ion Ratio Lower Upper
73 100
43 18.5 14.9 22.3
57 21.0 17.3 25.9



#18
trans-1,2-Dichloroethene
Concen: 4.881 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU055481.D
Acq: 25 Sep 2023 08:57

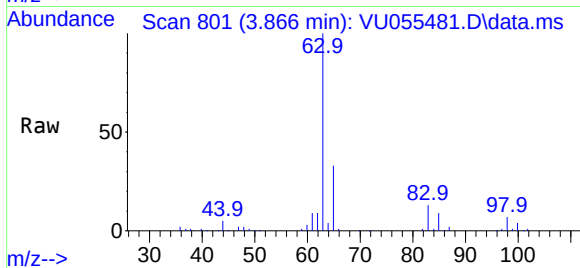
Tgt Ion: 96 Resp: 115700
Ion Ratio Lower Upper
96 100
61 137.4 94.6 175.6
98 63.9 45.7 84.9



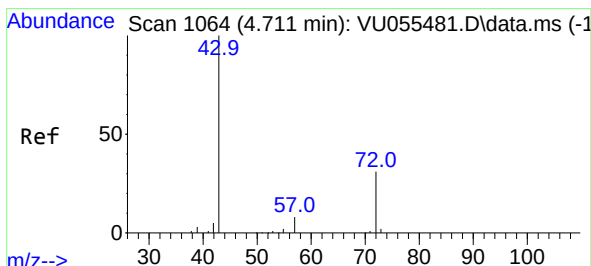
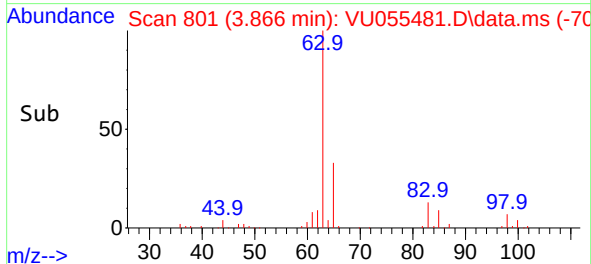
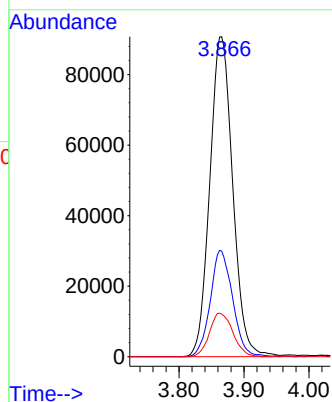


#19
1,1-Dichloroethane
Concen: 5.073 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU055481.D
Acq: 25 Sep 2023 08:57

Instrument :
MSVOA_U
ClientSampleId :

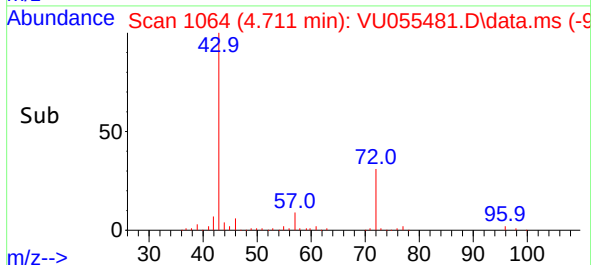
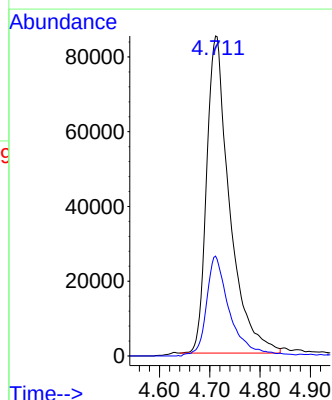
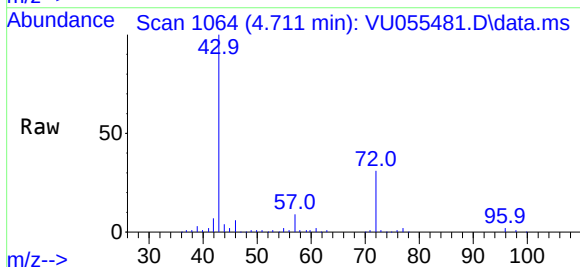


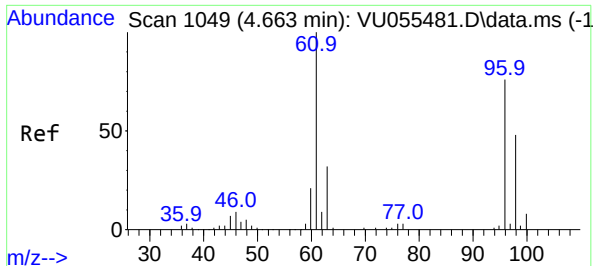
Tgt Ion: 63 Resp: 222382
Ion Ratio Lower Upper
63 100
65 33.0 22.0 41.0
83 13.3 10.1 18.9



#21
2-Butanone
Concen: 52.430 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VU055481.D
Acq: 25 Sep 2023 08:57

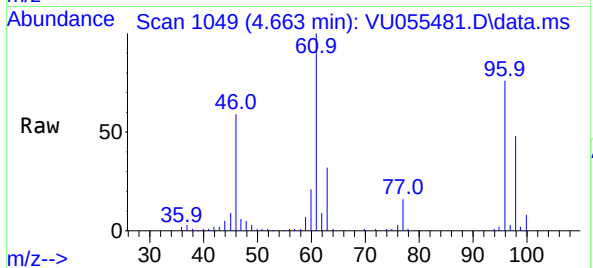
Tgt Ion: 43 Resp: 269162
Ion Ratio Lower Upper
43 100
72 31.6 15.1 45.3





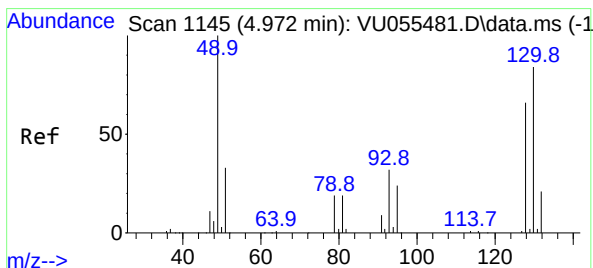
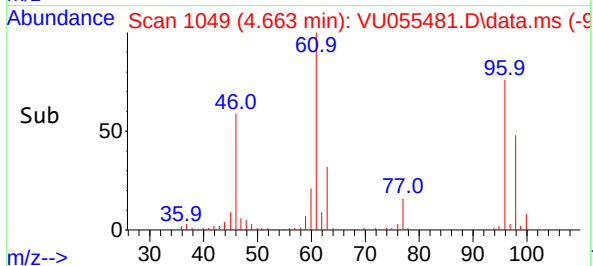
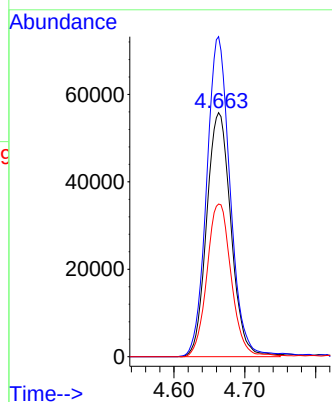
#22
 cis-1,2-Dichloroethene
 Concen: 4.843 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.003 min
 Lab File: VU055481.D
 Acq: 25 Sep 2023 08:57

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 133092

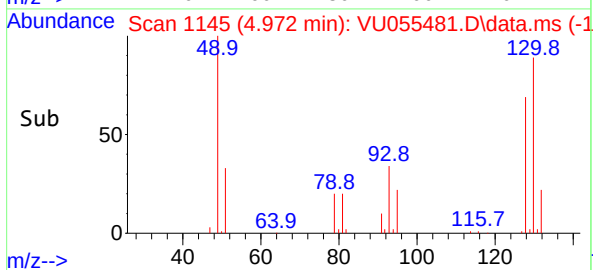
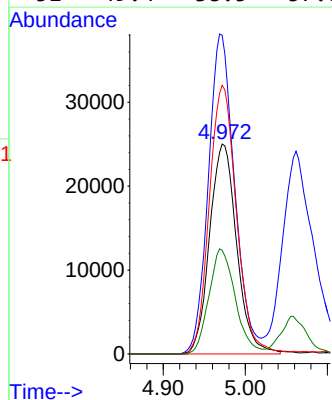
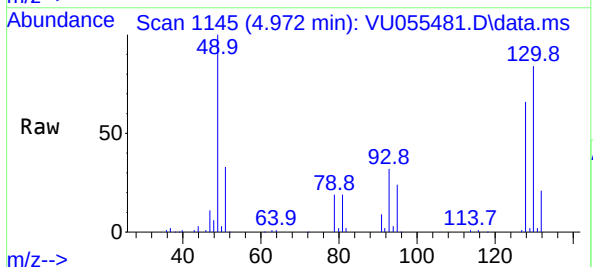
Ion	Ratio	Lower	Upper
96	100		
61	131.2	87.8	163.2
98	62.6	44.4	82.4

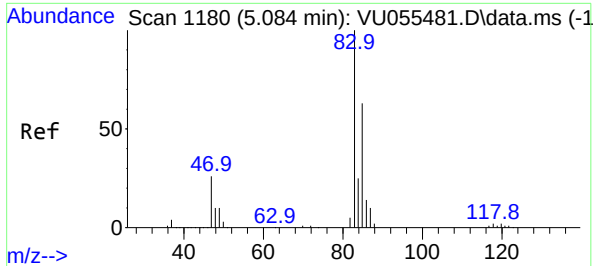


#23
 Bromochloromethane
 Concen: 4.954 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. 0.000 min
 Lab File: VU055481.D
 Acq: 25 Sep 2023 08:57

Tgt Ion: 128 Resp: 57542

Ion	Ratio	Lower	Upper
128	100		
49	151.9	102.8	191.0
130	128.0	89.9	166.9
51	49.4	38.5	57.7

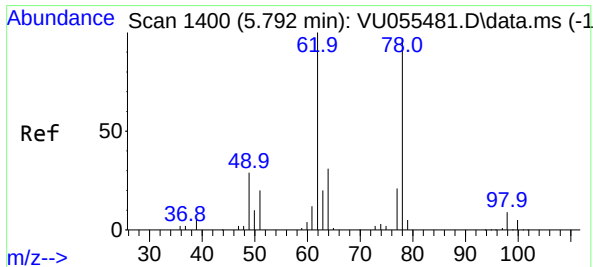
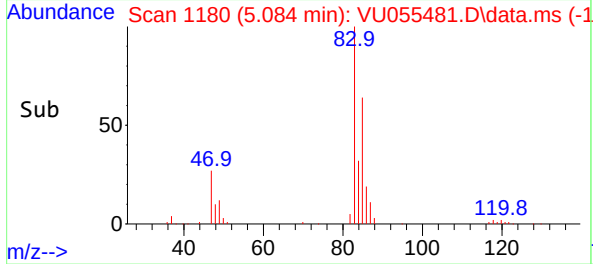
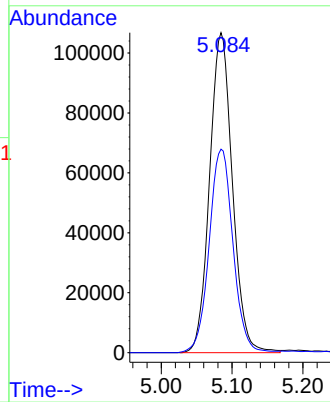
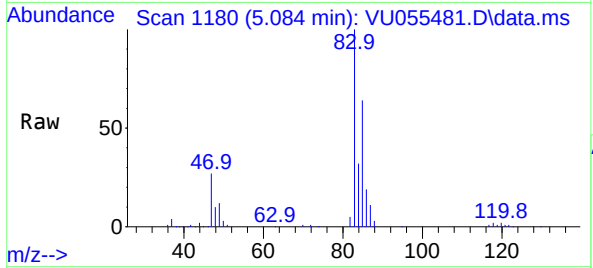




#25
Chloroform
Concen: 5.147 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VU055481.D
Acq: 25 Sep 2023 08:57

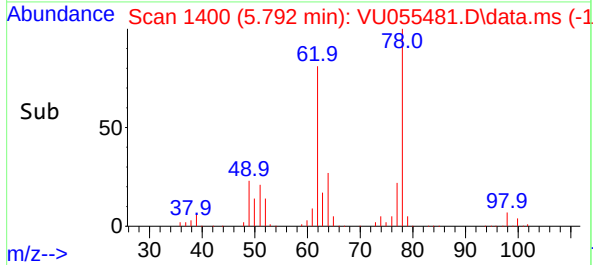
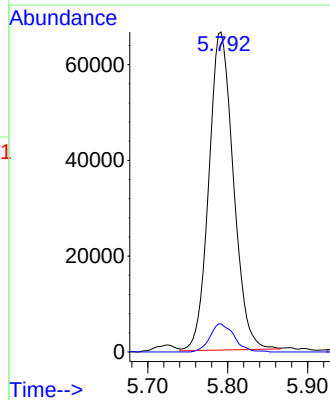
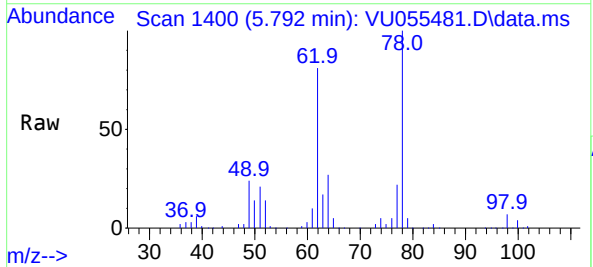
Instrument :
MSVOA_U
ClientSampleId :

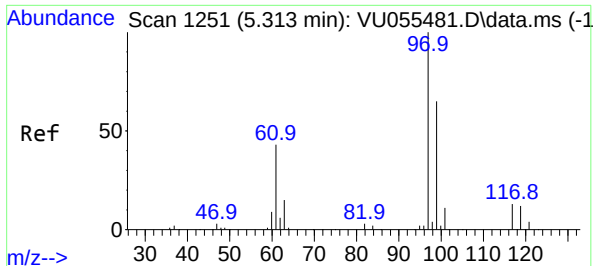
Tgt Ion: 83 Resp: 238906
Ion Ratio Lower Upper
83 100
85 63.6 44.9 83.5



#27
1,2-Dichloroethane
Concen: 4.979 ug/L
RT: 5.792 min Scan# 1400
Delta R.T. 0.000 min
Lab File: VU055481.D
Acq: 25 Sep 2023 08:57

Tgt Ion: 62 Resp: 141721
Ion Ratio Lower Upper
62 100
98 8.7 7.0 10.4

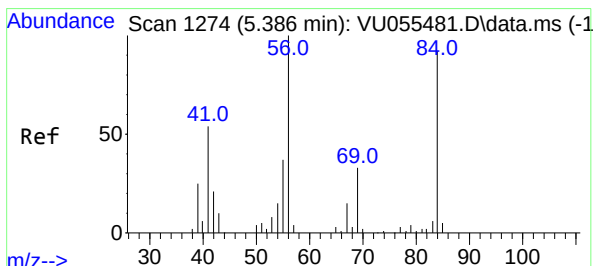
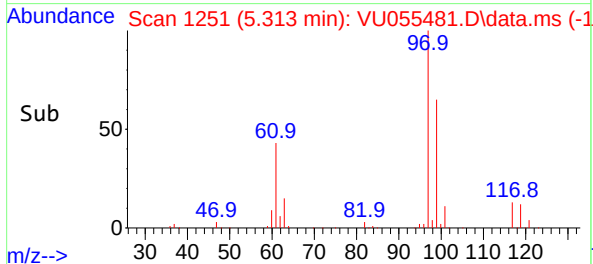
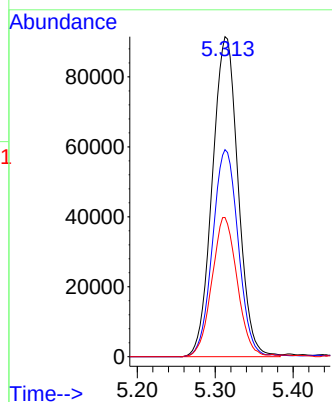
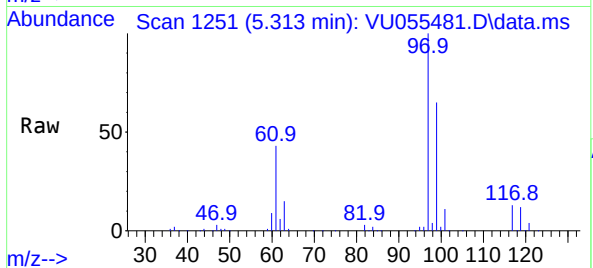




#29
1,1,1-Trichloroethane
Concen: 5.418 ug/L
RT: 5.313 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU055481.D
Acq: 25 Sep 2023 08:57

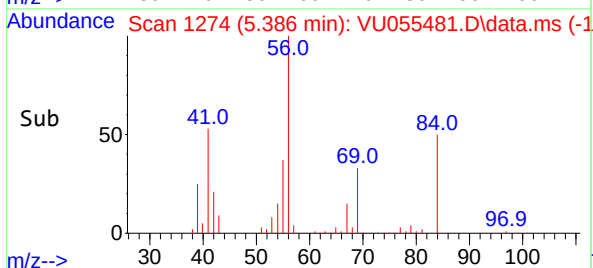
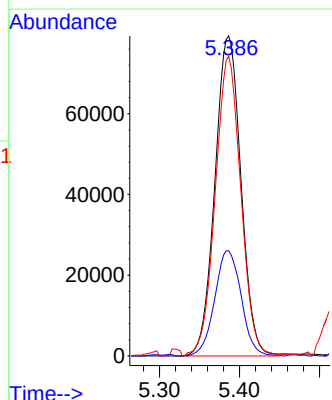
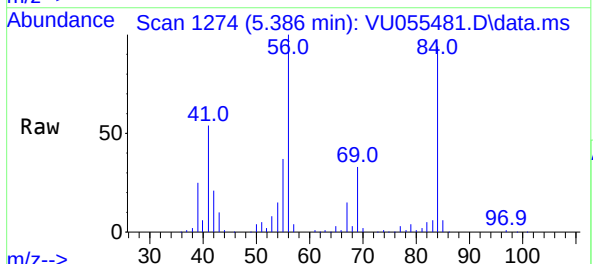
Instrument :
MSVOA_U
ClientSampleId :

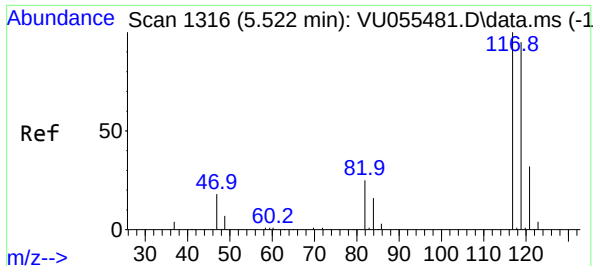
Tgt Ion: 97 Resp: 210241
Ion Ratio Lower Upper
97 100
99 64.9 50.7 76.1
61 42.7 34.6 51.8



#30
Cyclohexane
Concen: 5.036 ug/L
RT: 5.386 min Scan# 1274
Delta R.T. 0.003 min
Lab File: VU055481.D
Acq: 25 Sep 2023 08:57

Tgt Ion: 56 Resp: 178885
Ion Ratio Lower Upper
56 100
69 33.6 26.5 39.7
84 92.0 72.6 108.8

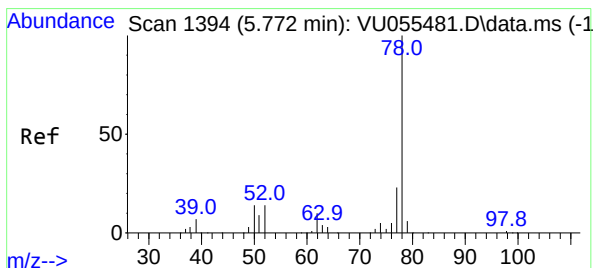
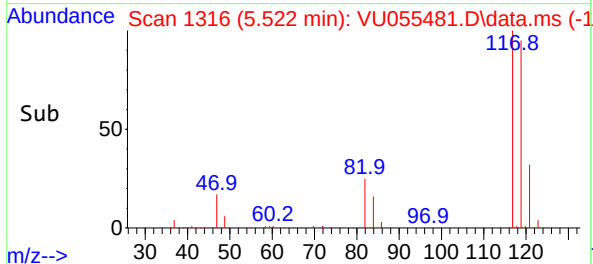
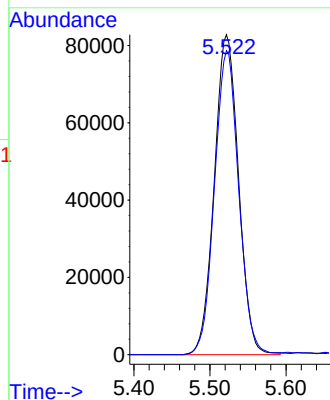
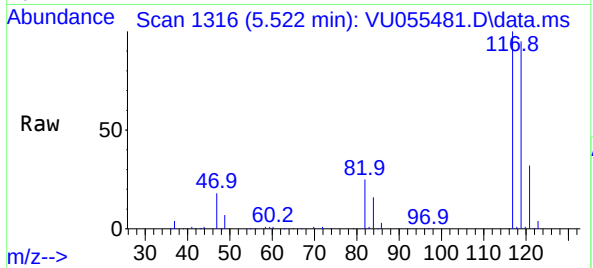




#31
Carbon tetrachloride
Concen: 5.515 ug/L
RT: 5.522 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VU055481.D
Acq: 25 Sep 2023 08:57

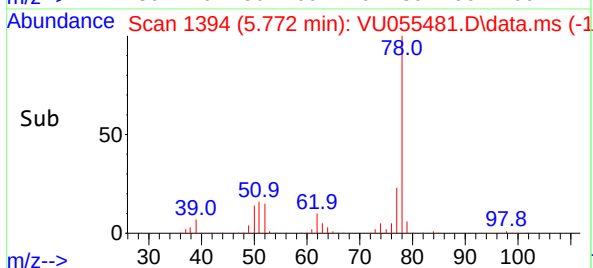
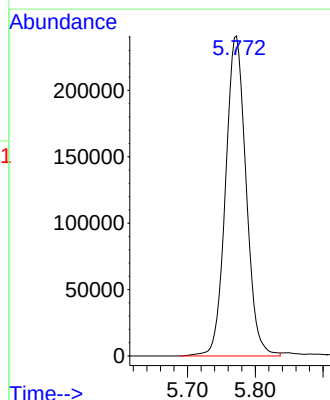
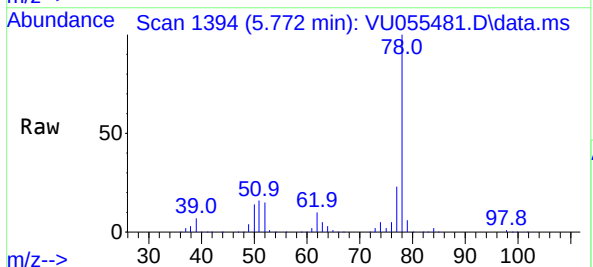
Instrument :
MSVOA_U
ClientSampleId :

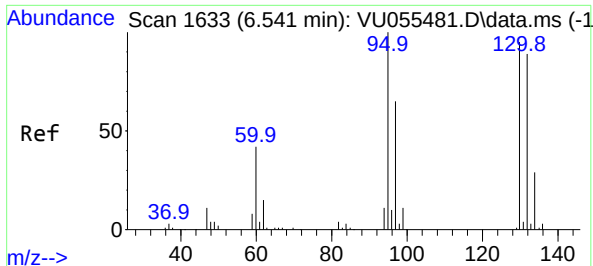
Tgt Ion:117 Resp: 183443
Ion Ratio Lower Upper
117 100
119 94.8 75.2 112.8



#33
Benzene
Concen: 5.179 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.003 min
Lab File: VU055481.D
Acq: 25 Sep 2023 08:57

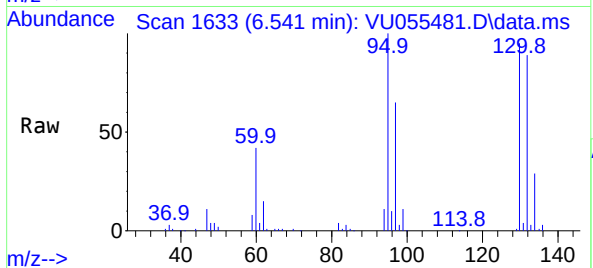
Tgt Ion: 78 Resp: 507452



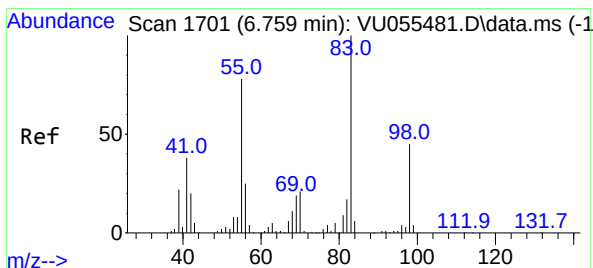
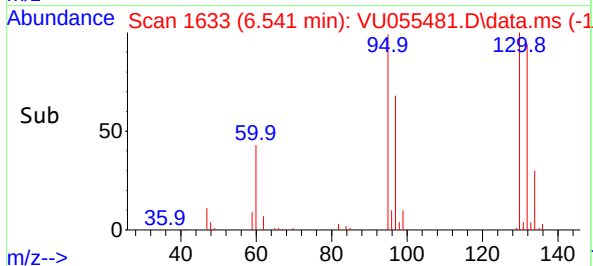
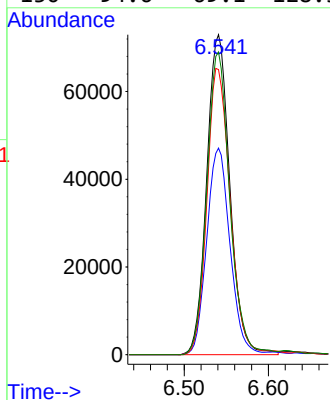


#34
Trichloroethene
Concen: 5.037 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055481.D
Acq: 25 Sep 2023 08:57

Instrument :
MSVOA_U
ClientSampleId :

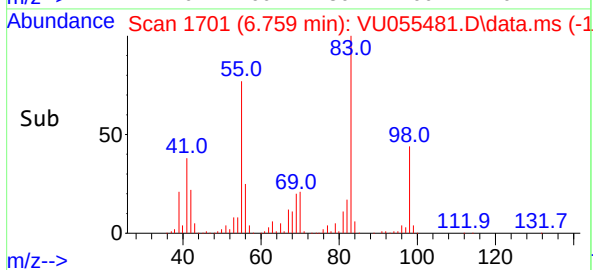
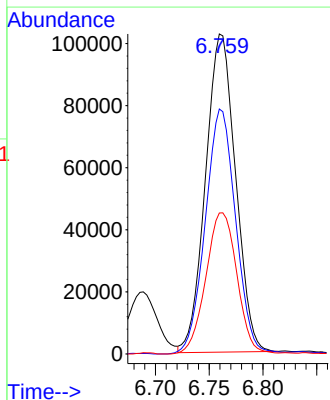
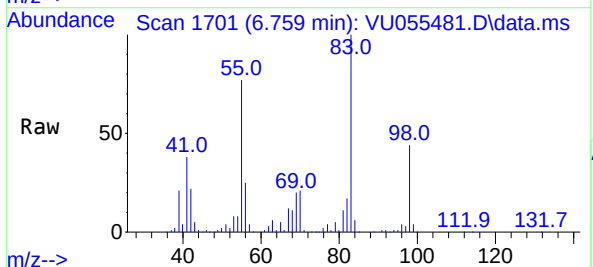


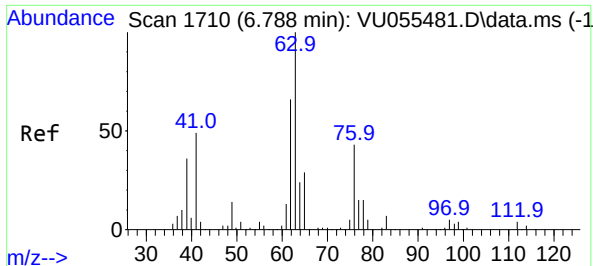
Tgt Ion: 95 Resp: 139599
Ion Ratio Lower Upper
95 100
97 64.5 45.4 84.2
132 89.1 65.2 121.2
130 94.6 69.1 128.3



#35
Methylcyclohexane
Concen: 4.994 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU055481.D
Acq: 25 Sep 2023 08:57

Tgt Ion: 83 Resp: 199368
Ion Ratio Lower Upper
83 100
55 77.9 59.1 88.7
98 45.9 36.3 54.5

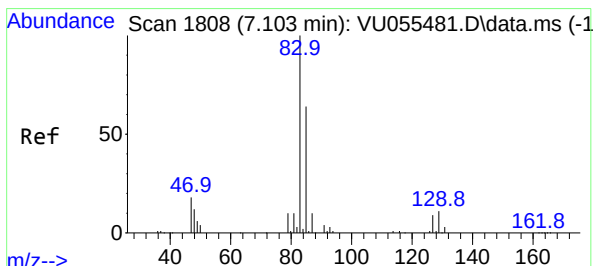
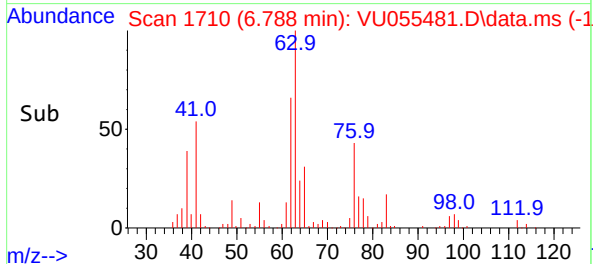
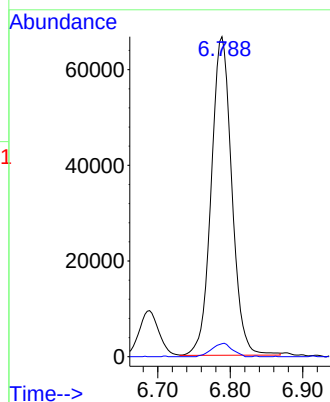
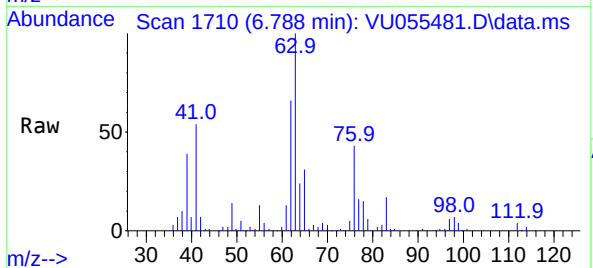




#37
1,2-Dichloropropane
Concen: 5.127 ug/L
RT: 6.788 min Scan# 1710
Delta R.T. 0.000 min
Lab File: VU055481.D
Acq: 25 Sep 2023 08:57

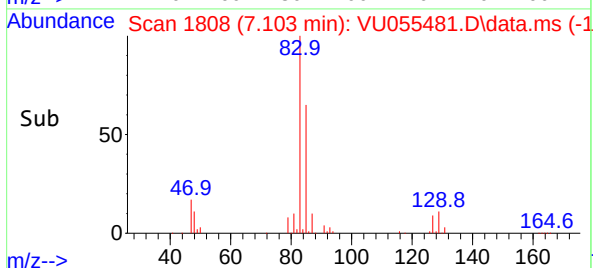
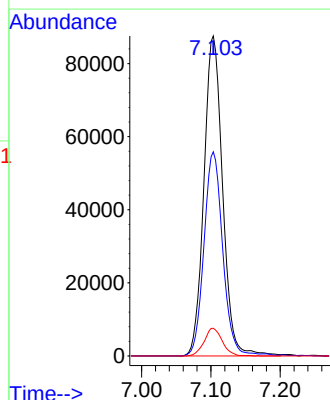
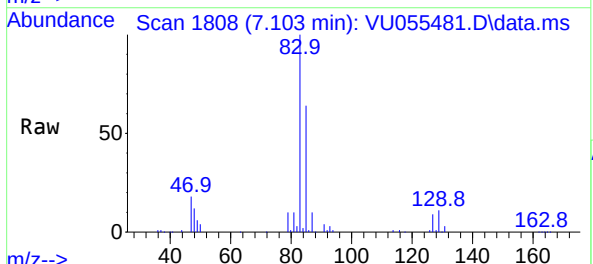
Instrument :
MSVOA_U
ClientSampleId :

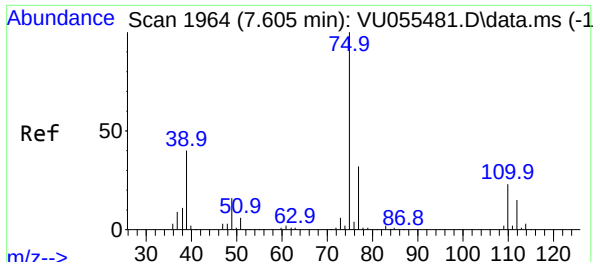
Tgt Ion: 63 Resp: 131382
Ion Ratio Lower Upper
63 100
112 4.2 3.0 4.6



#38
Bromodichloromethane
Concen: 5.463 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VU055481.D
Acq: 25 Sep 2023 08:57

Tgt Ion: 83 Resp: 164022
Ion Ratio Lower Upper
83 100
85 63.8 46.8 86.8
127 8.6 7.2 10.8

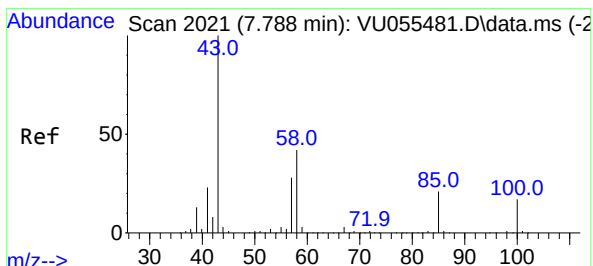
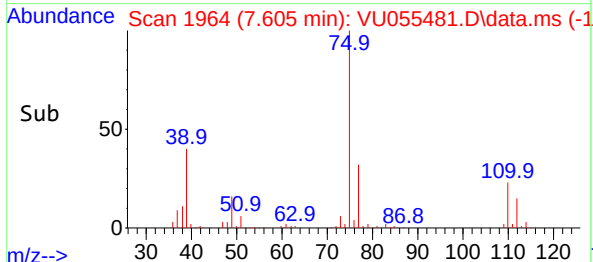
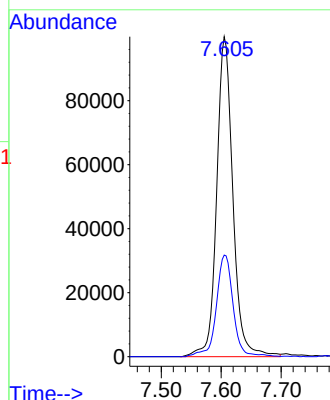
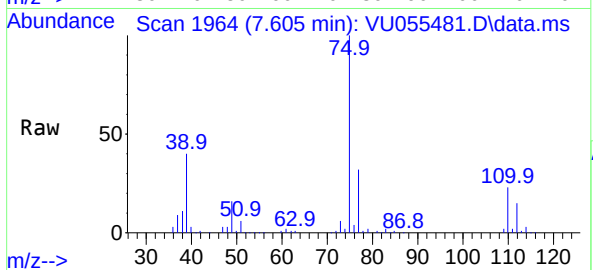




#39
 cis-1,3-Dichloropropene
 Concen: 5.481 ug/L
 RT: 7.605 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VU055481.D
 Acq: 25 Sep 2023 08:57

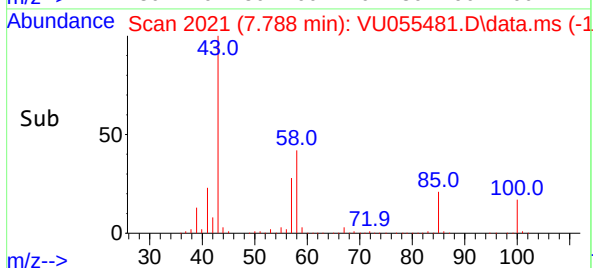
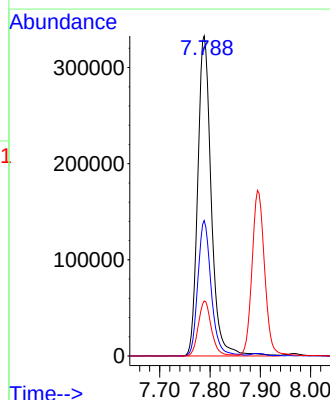
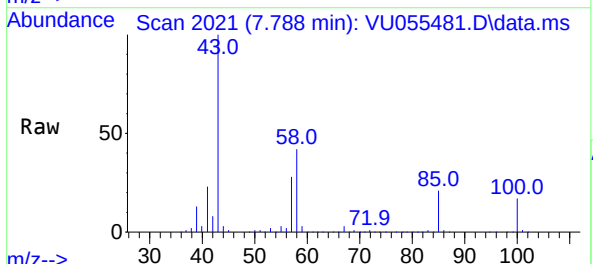
Instrument :
 MSVOA_U
 ClientSampleId :

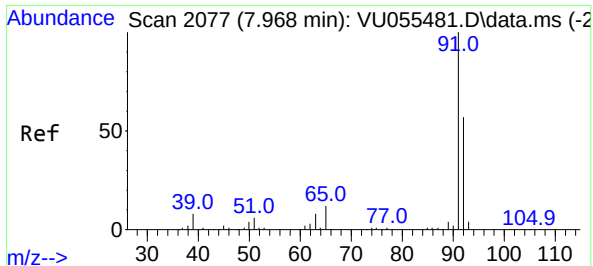
Tgt Ion: 75 Resp: 187446
 Ion Ratio Lower Upper
 75 100
 77 31.8 21.6 40.2



#40
 4-Methyl-2-pentanone
 Concen: 53.539 ug/L
 RT: 7.788 min Scan# 2021
 Delta R.T. 0.000 min
 Lab File: VU055481.D
 Acq: 25 Sep 2023 08:57

Tgt Ion: 43 Resp: 622285
 Ion Ratio Lower Upper
 43 100
 58 41.7 34.2 51.4
 100 16.7 13.4 20.0





#42

Toluene

Concen: 5.228 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. 0.003 min

Lab File: VU055481.D

Acq: 25 Sep 2023 08:57

Instrument :

MSVOA_U

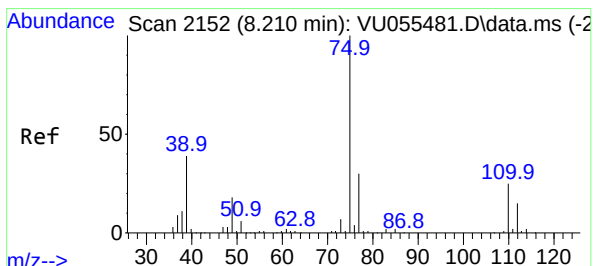
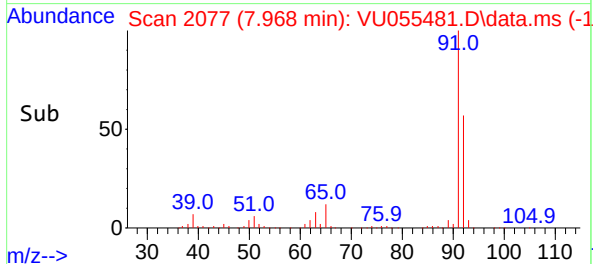
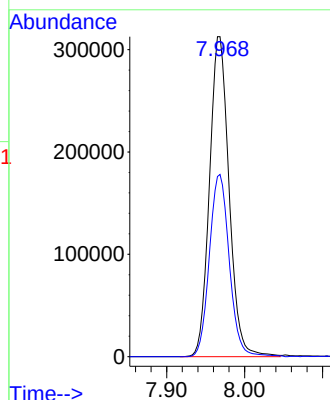
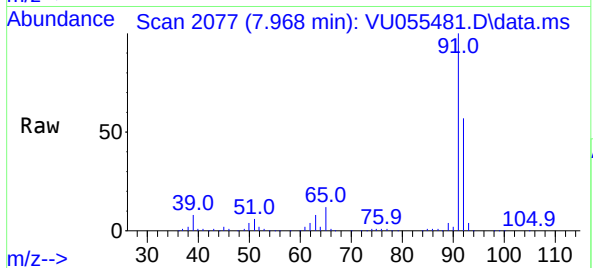
ClientSampleId :

Tgt Ion: 91 Resp: 546400

Ion Ratio Lower Upper

91 100

92 56.9 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 5.601 ug/L

RT: 8.210 min Scan# 2152

Delta R.T. 0.000 min

Lab File: VU055481.D

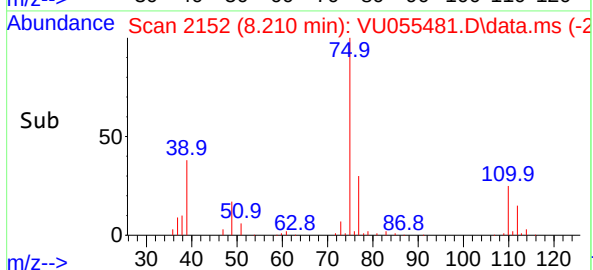
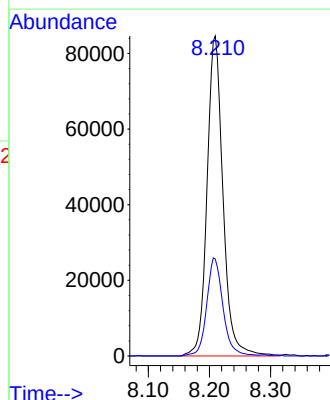
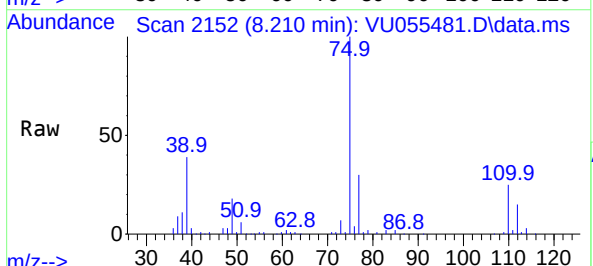
Acq: 25 Sep 2023 08:57

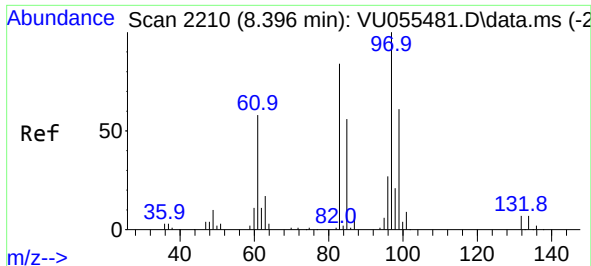
Tgt Ion: 75 Resp: 153254

Ion Ratio Lower Upper

75 100

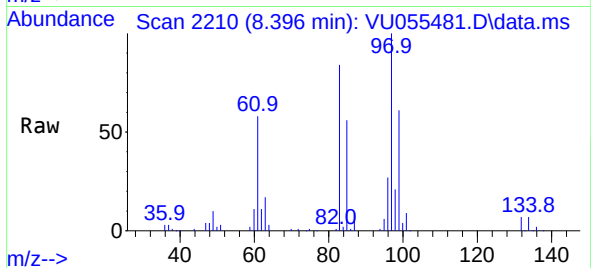
77 30.3 21.8 40.4



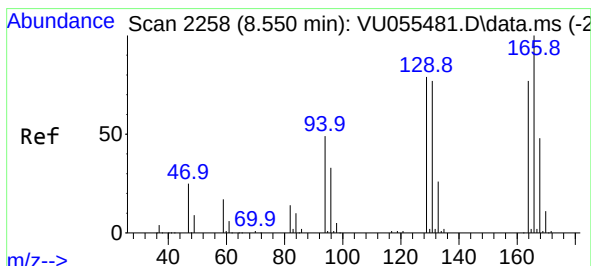
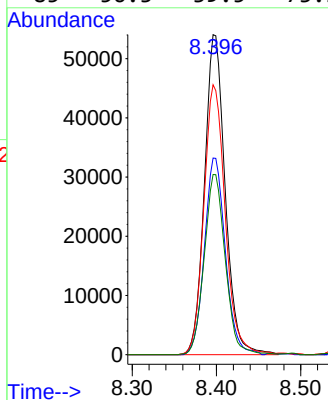
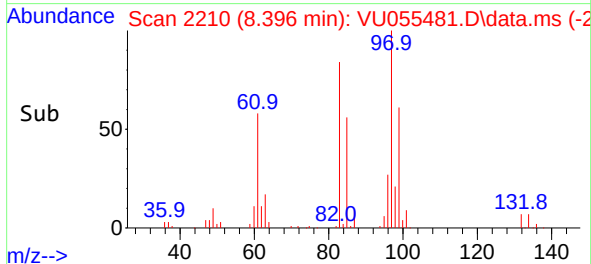


#45
1,1,2-Trichloroethane
Concen: 5.155 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. 0.000 min
Lab File: VU055481.D
Acq: 25 Sep 2023 08:57

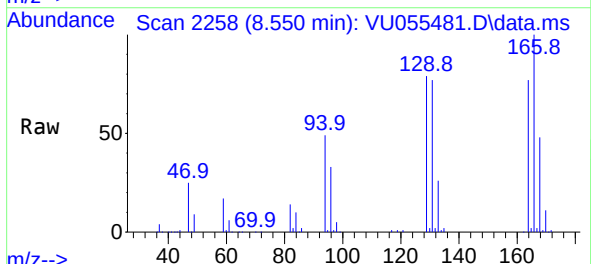
Instrument :
MSVOA_U
ClientSampleId :



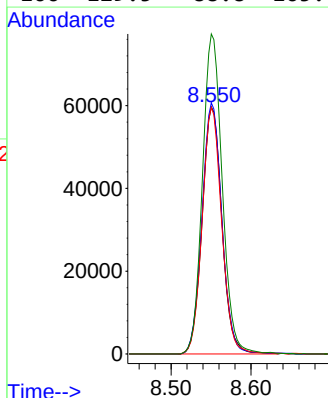
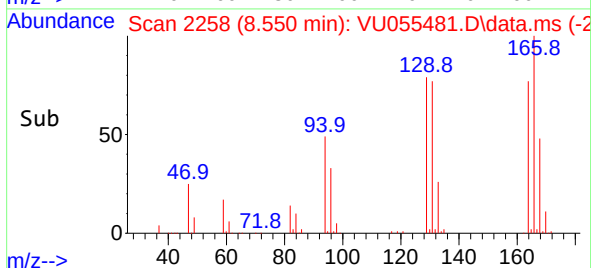
Tgt Ion:	97	Resp:	92605
Ion	Ratio	Lower	Upper
97	100		
99	61.4	44.1	81.9
83	84.3	61.5	114.1
85	56.3	39.5	73.3

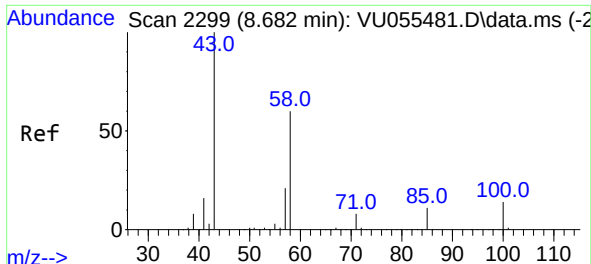


#47
Tetrachloroethene
Concen: 5.172 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055481.D
Acq: 25 Sep 2023 08:57



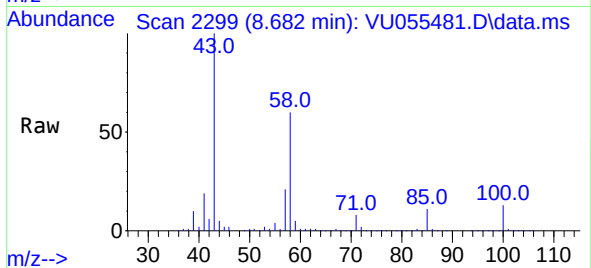
Tgt Ion:	164	Resp:	102814
Ion	Ratio	Lower	Upper
164	100		
129	101.7	67.4	125.2
131	99.8	66.4	123.2
166	129.5	88.8	165.0



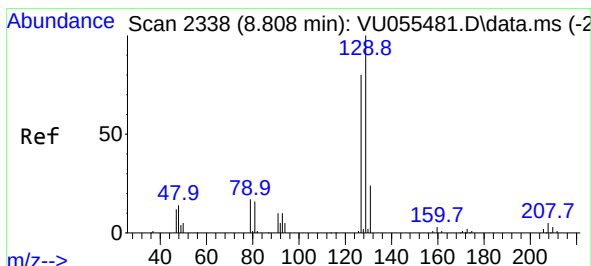
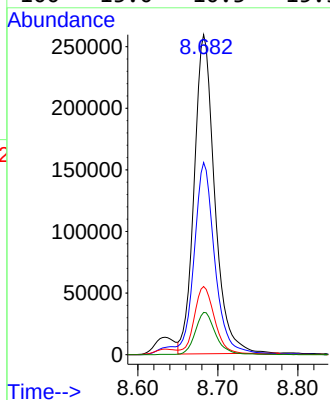
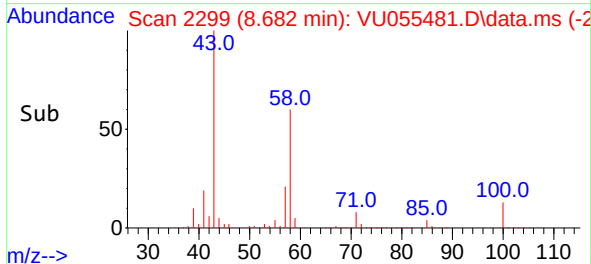


#48
2-Hexanone
Concen: 51.381 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. -0.003 min
Lab File: VU055481.D
Acq: 25 Sep 2023 08:57

Instrument :
MSVOA_U
ClientSampleId :

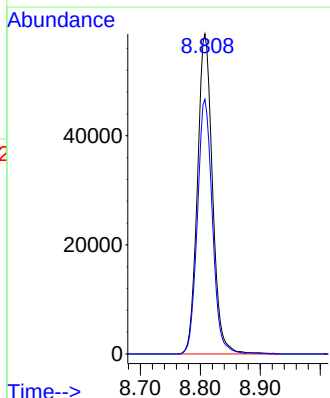
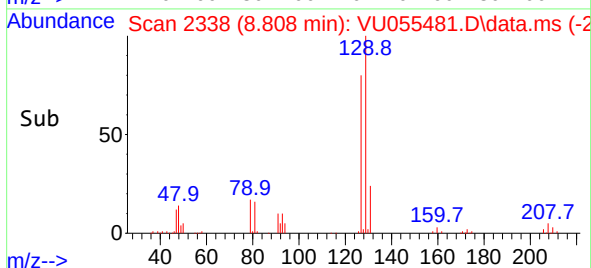
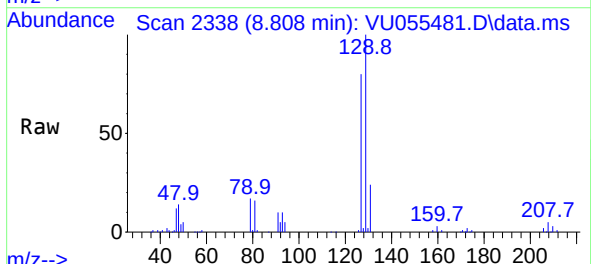


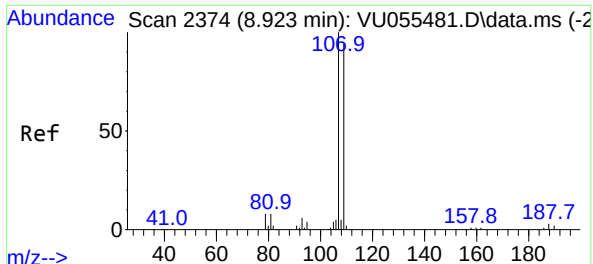
Tgt Ion: 43 Resp: 462847
Ion Ratio Lower Upper
43 100
58 63.2 48.5 72.7
57 21.5 17.0 25.4
100 13.0 10.3 15.5



#49
Dibromochloromethane
Concen: 5.453 ug/L
RT: 8.808 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VU055481.D
Acq: 25 Sep 2023 08:57

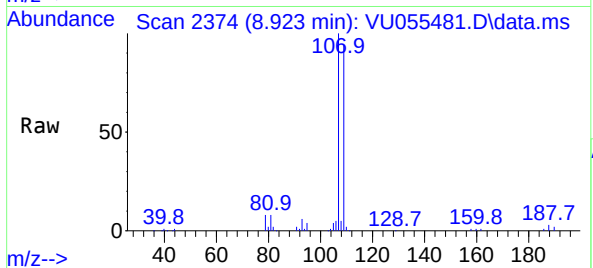
Tgt Ion: 129 Resp: 102689
Ion Ratio Lower Upper
129 100
127 79.5 56.8 105.6



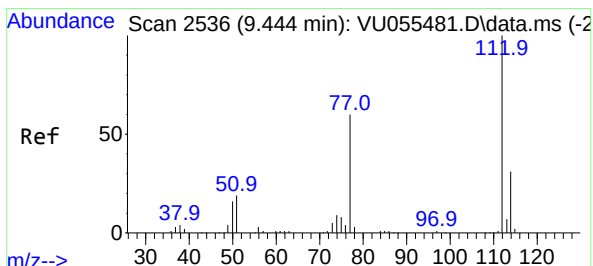
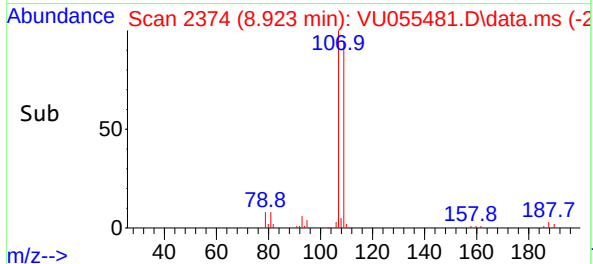
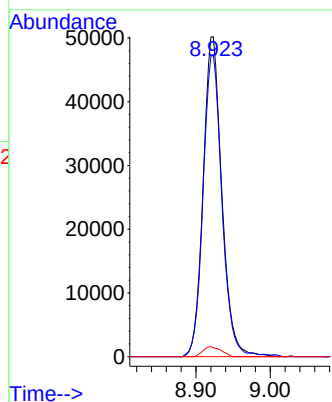


#50
1,2-Dibromoethane
Concen: 5.263 ug/L
RT: 8.923 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055481.D
Acq: 25 Sep 2023 08:57

Instrument :
MSVOA_U
ClientSampleId :

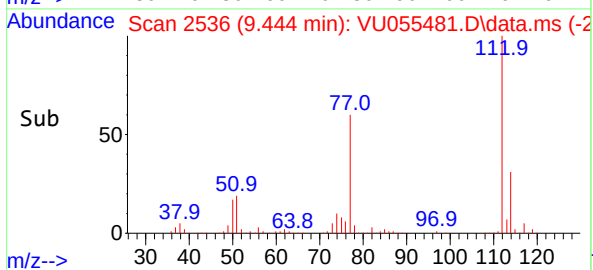
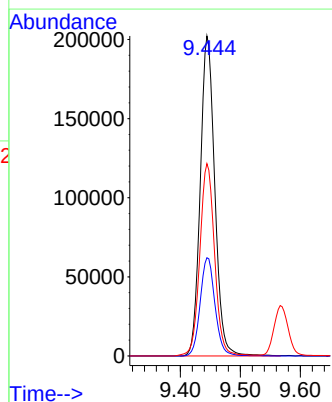
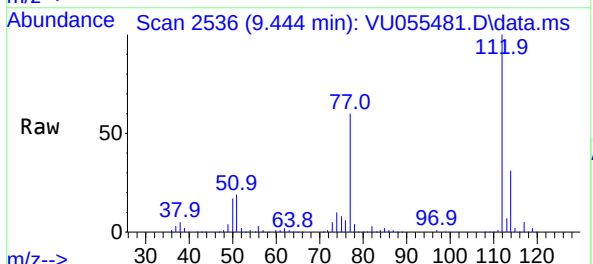


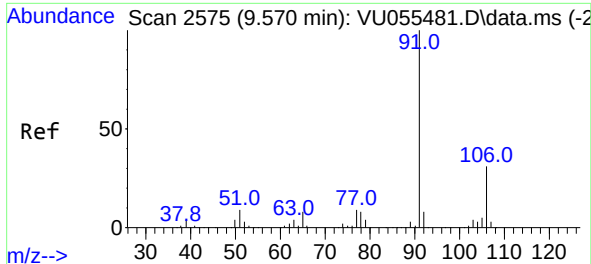
Tgt Ion:107 Resp: 87746
Ion Ratio Lower Upper
107 100
109 94.4 66.1 122.8
188 2.8 3.2 4.8#



#51
Chlorobenzene
Concen: 5.096 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU055481.D
Acq: 25 Sep 2023 08:57

Tgt Ion:112 Resp: 341113
Ion Ratio Lower Upper
112 100
114 30.7 22.0 40.8
77 60.1 46.9 70.3





#52

Ethylbenzene

Concen: 5.170 ug/L

RT: 9.570 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU055481.D

Acq: 25 Sep 2023 08:57

Instrument :

MSVOA_U

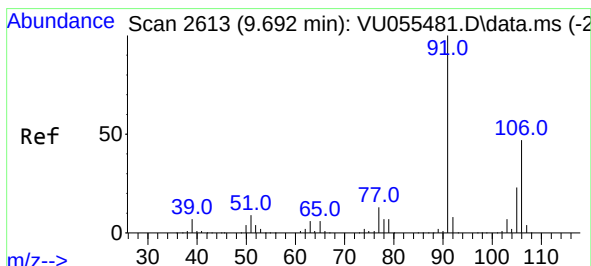
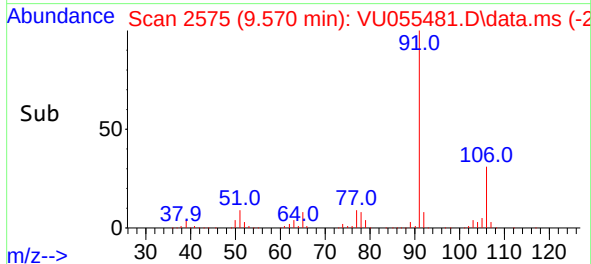
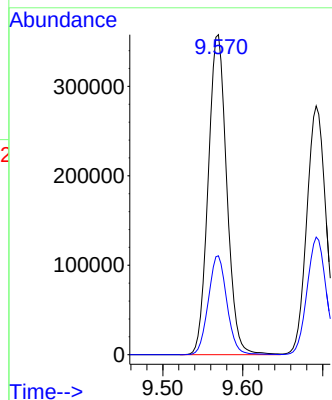
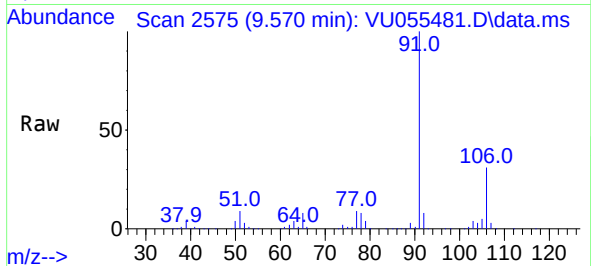
ClientSampleId :

Tgt Ion: 91 Resp: 579250

Ion Ratio Lower Upper

91 100

106 30.9 22.4 41.6



#53

m,p-Xylene

Concen: 5.245 ug/L

RT: 9.692 min Scan# 2613

Delta R.T. 0.000 min

Lab File: VU055481.D

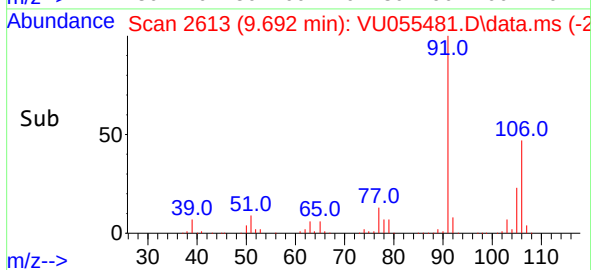
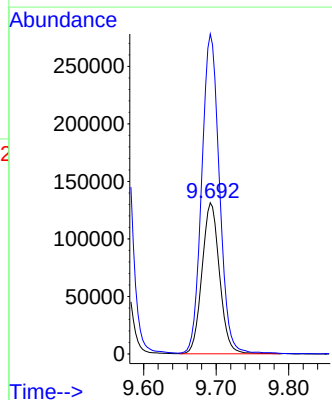
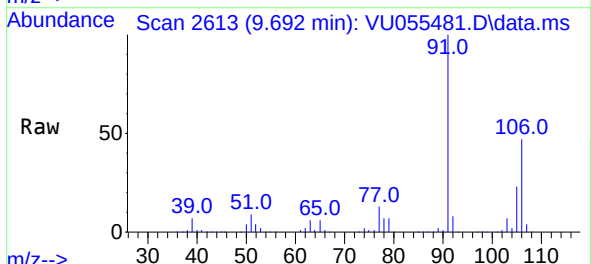
Acq: 25 Sep 2023 08:57

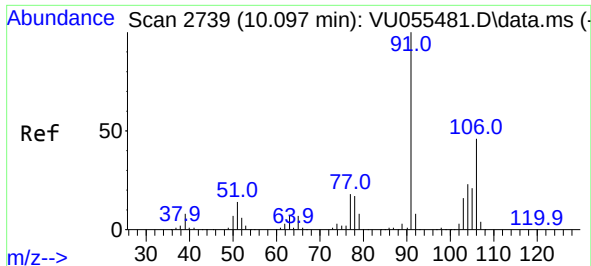
Tgt Ion:106 Resp: 220210

Ion Ratio Lower Upper

106 100

91 211.6 144.8 269.0

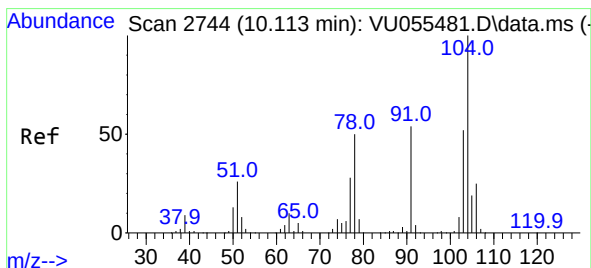
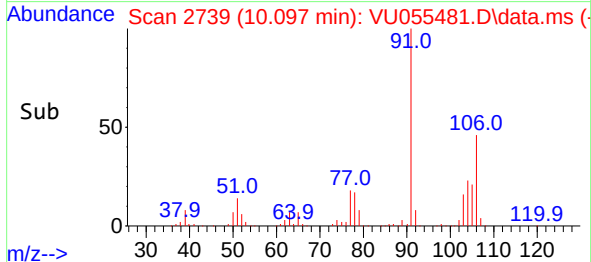
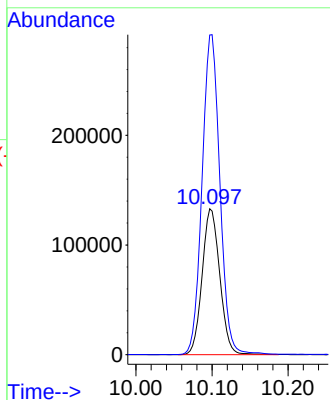
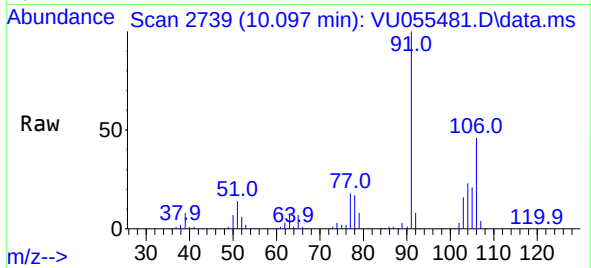




#54
o-Xylene
Concen: 5.260 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055481.D
Acq: 25 Sep 2023 08:57

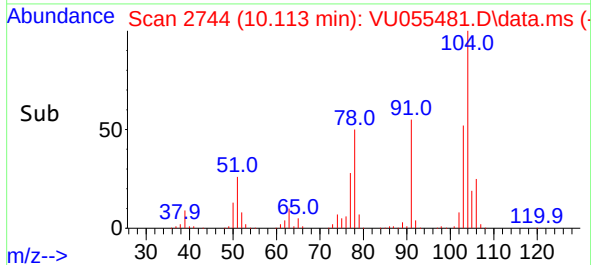
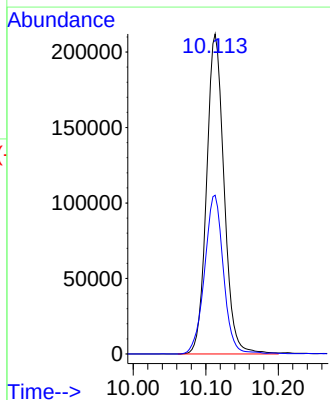
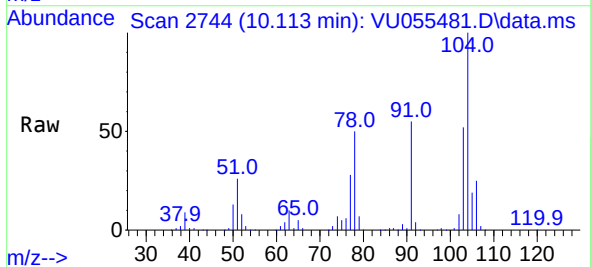
Instrument :
MSVOA_U
ClientSampleId :

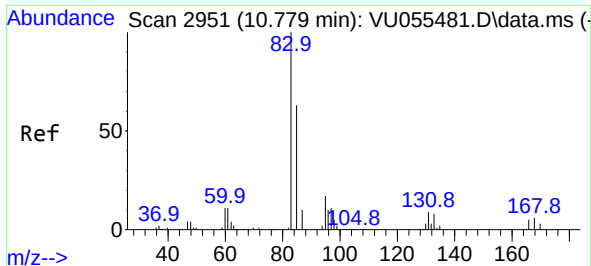
Tgt Ion:106 Resp: 214713
Ion Ratio Lower Upper
106 100
91 219.1 157.6 292.8



#55
Styrene
Concen: 5.389 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VU055481.D
Acq: 25 Sep 2023 08:57

Tgt Ion:104 Resp: 355686
Ion Ratio Lower Upper
104 100
78 49.6 31.2 58.0

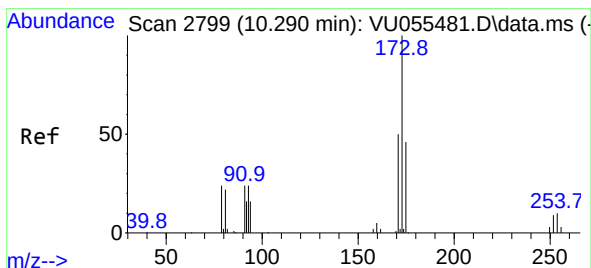
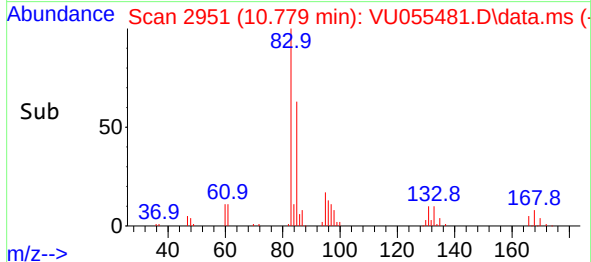
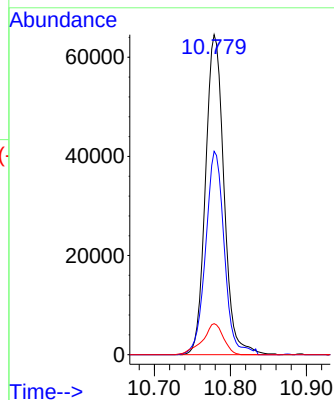
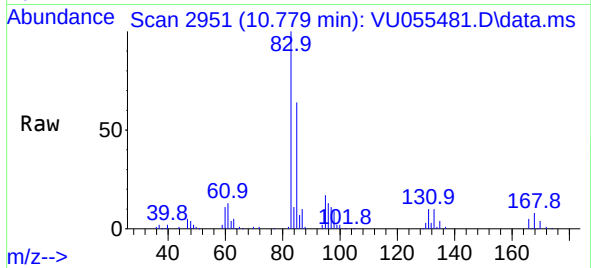




#57
1,1,2,2-Tetrachloroethane
Concen: 5.370 ug/L
RT: 10.779 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU055481.D
Acq: 25 Sep 2023 08:57

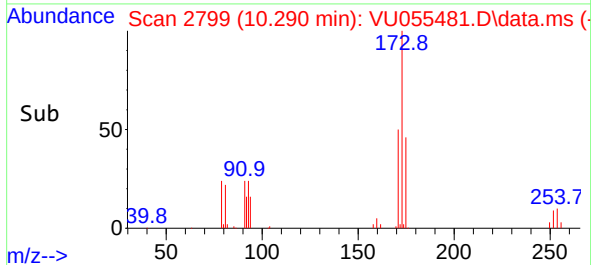
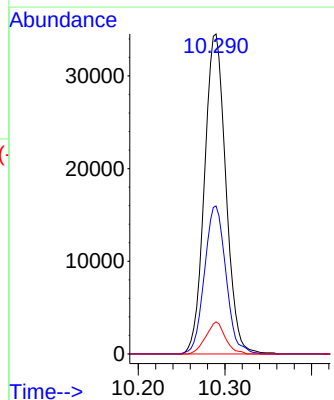
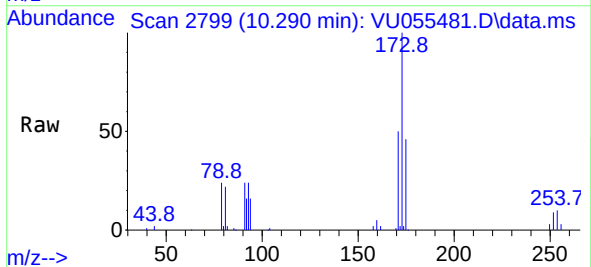
Instrument :
MSVOA_U
ClientSampleId :

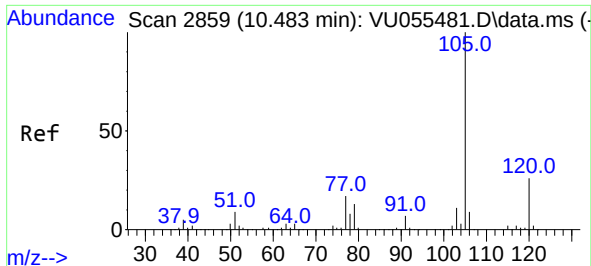
Tgt Ion: 83 Resp: 108916
Ion Ratio Lower Upper
83 100
85 63.6 44.4 82.5
131 9.7 7.4 11.2



#59
Bromoform
Concen: 5.910 ug/L
RT: 10.290 min Scan# 2799
Delta R.T. 0.000 min
Lab File: VU055481.D
Acq: 25 Sep 2023 08:57

Tgt Ion:173 Resp: 59108
Ion Ratio Lower Upper
173 100
175 46.5 39.4 59.2
254 9.2 7.3 10.9

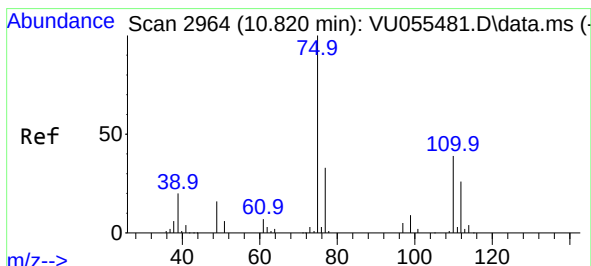
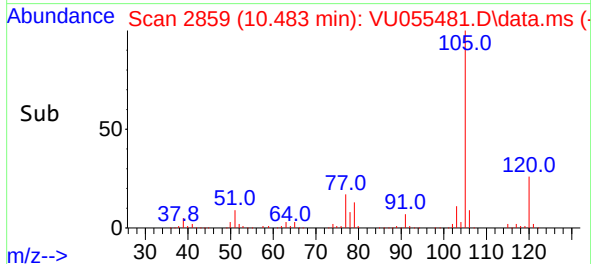
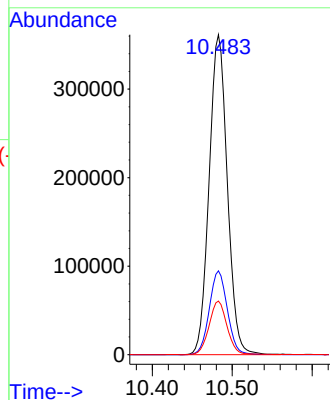
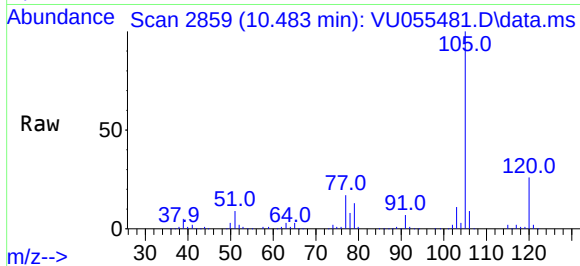




#60
Isopropylbenzene
Concen: 5.318 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. 0.000 min
Lab File: VU055481.D
Acq: 25 Sep 2023 08:57

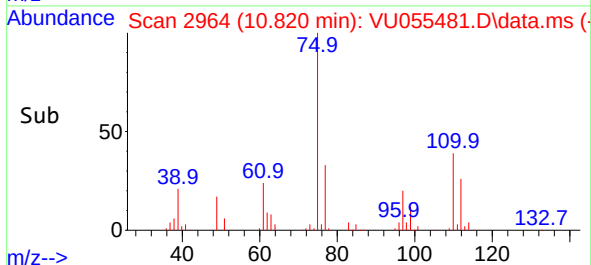
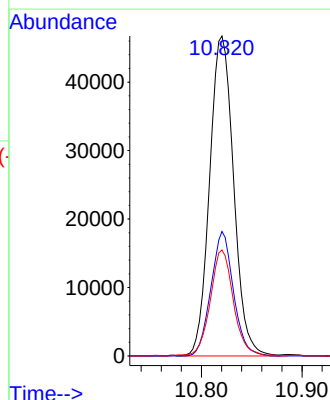
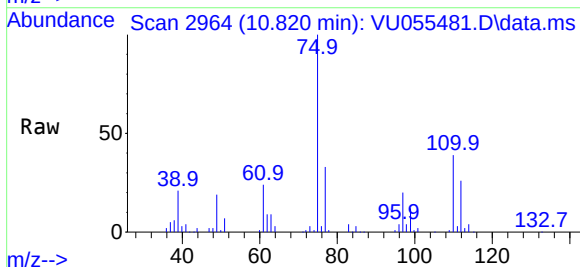
Instrument :
MSVOA_U
ClientSampleId :

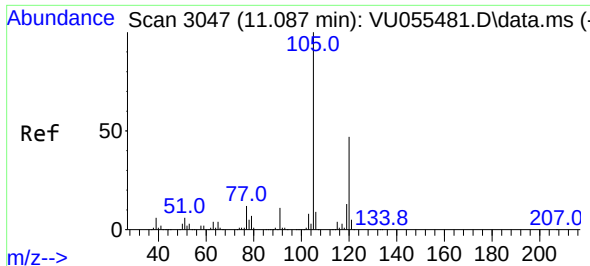
Tgt Ion:105 Resp: 571994
Ion Ratio Lower Upper
105 100
120 25.9 20.8 31.2
77 16.6 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.324 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.000 min
Lab File: VU055481.D
Acq: 25 Sep 2023 08:57

Tgt Ion: 75 Resp: 77555
Ion Ratio Lower Upper
75 100
110 36.5 30.6 45.8
77 31.9 26.7 40.1

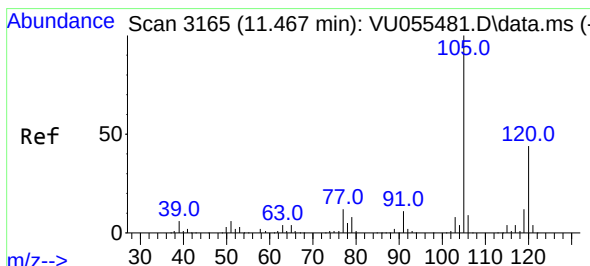
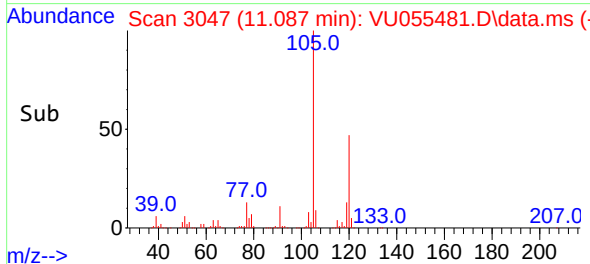
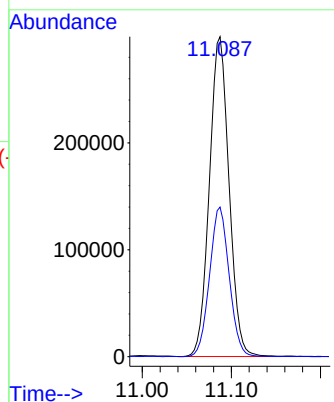
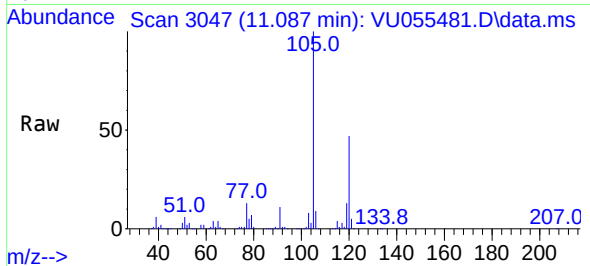




#62
1,3,5-Trimethylbenzene
Concen: 5.318 ug/L
RT: 11.087 min Scan# 3047
Delta R.T. 0.000 min
Lab File: VU055481.D
Acq: 25 Sep 2023 08:57

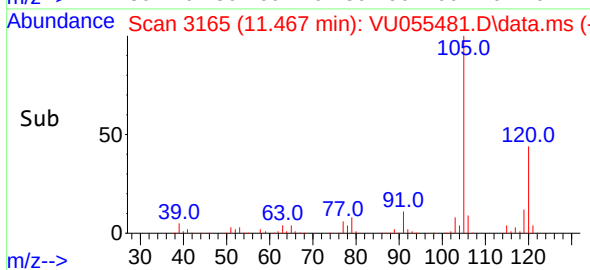
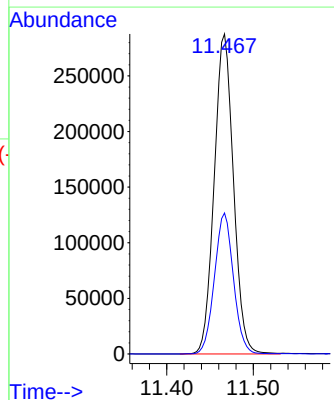
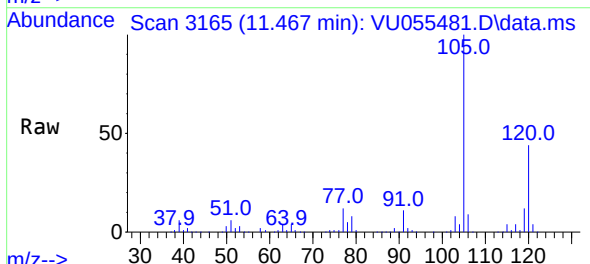
Instrument :
MSVOA_U
ClientSampleId :

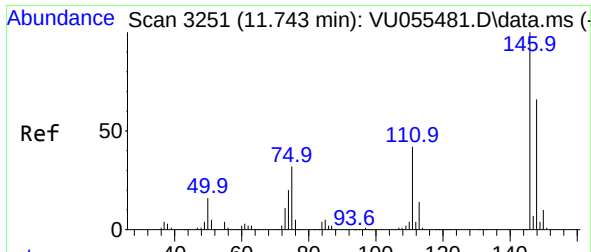
Tgt Ion:105 Resp: 457391
Ion Ratio Lower Upper
105 100
120 46.9 38.1 57.1



#63
1,2,4-Trimethylbenzene
Concen: 5.286 ug/L
RT: 11.467 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VU055481.D
Acq: 25 Sep 2023 08:57

Tgt Ion:105 Resp: 445009
Ion Ratio Lower Upper
105 100
120 43.5 34.9 52.3





#64

1,3-Dichlorobenzene

Concen: 5.227 ug/L

RT: 11.743 min Scan# 31

Delta R.T. 0.000 min

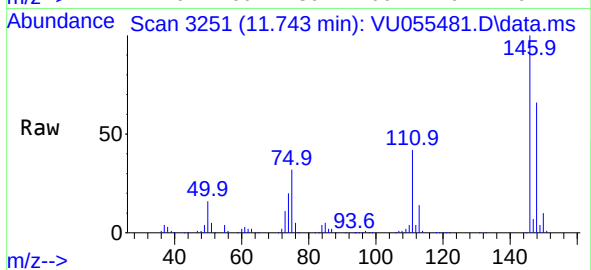
Lab File: VU055481.D

Acq: 25 Sep 2023 08:57

Instrument :

MSVOA_U

ClientSampleId :



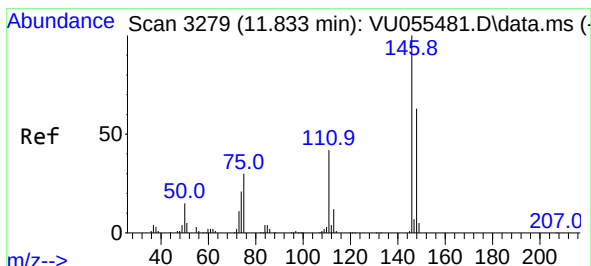
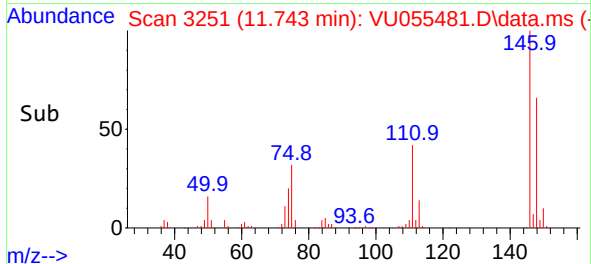
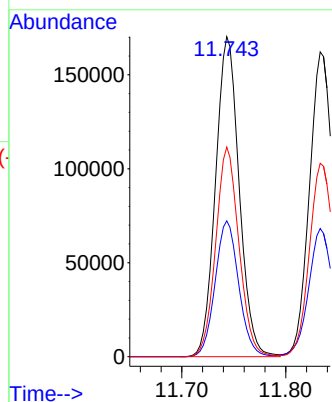
Tgt Ion:146 Resp: 269147

Ion Ratio Lower Upper

146 100

111 42.4 28.8 53.6

148 65.5 44.6 82.8



#65

1,4-Dichlorobenzene

Concen: 5.085 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. 0.000 min

Lab File: VU055481.D

Acq: 25 Sep 2023 08:57

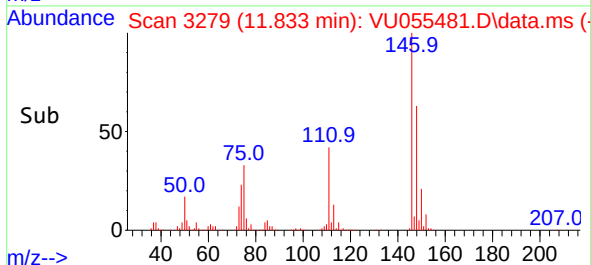
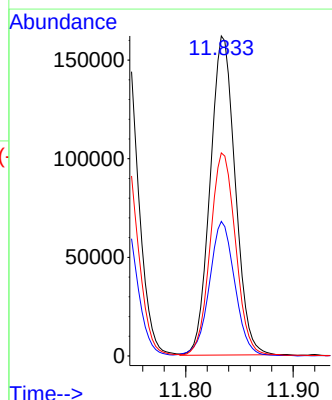
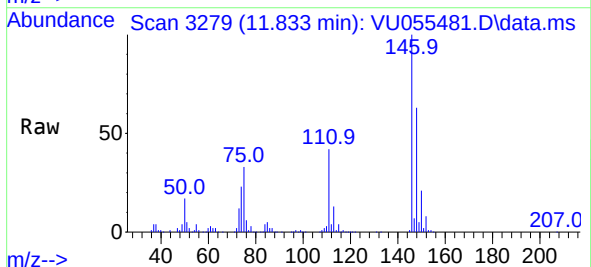
Tgt Ion:146 Resp: 261679

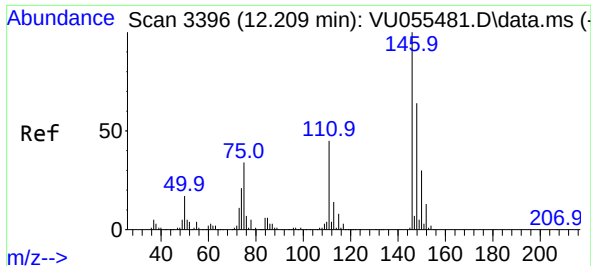
Ion Ratio Lower Upper

146 100

111 42.0 29.0 53.8

148 63.4 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 5.253 ug/L

RT: 12.209 min Scan# 3396

Delta R.T. 0.000 min

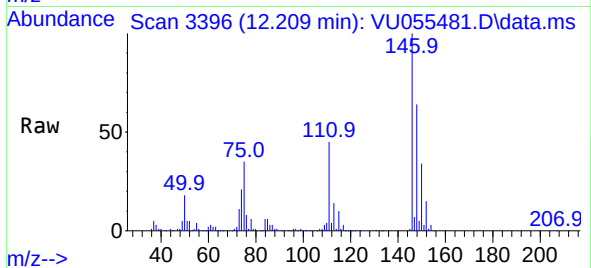
Lab File: VU055481.D

Acq: 25 Sep 2023 08:57

Instrument :

MSVOA_U

ClientSampleId :



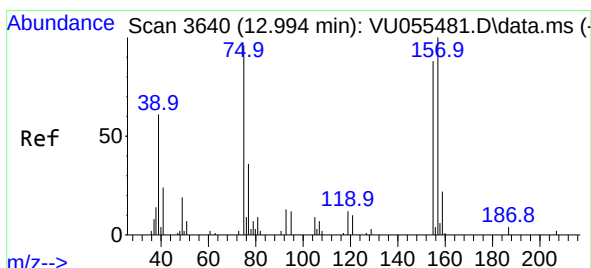
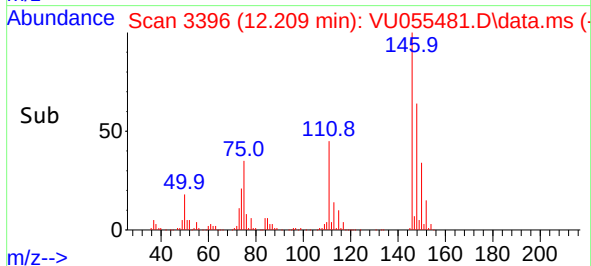
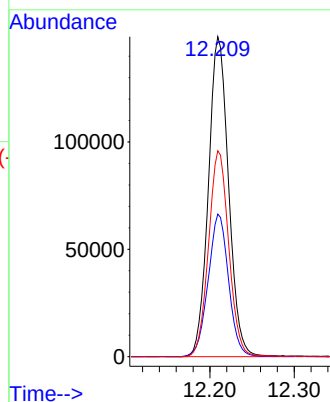
Tgt Ion:146 Resp: 247975

Ion	Ratio	Lower	Upper
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146	100		
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111	44.5	34.6	52.0
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148	64.4	51.8	77.8
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#68

1,2-Dibromo-3-chloropropane

Concen: 6.017 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.000 min

Lab File: VU055481.D

Acq: 25 Sep 2023 08:57

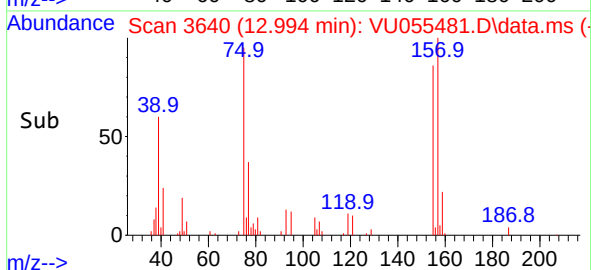
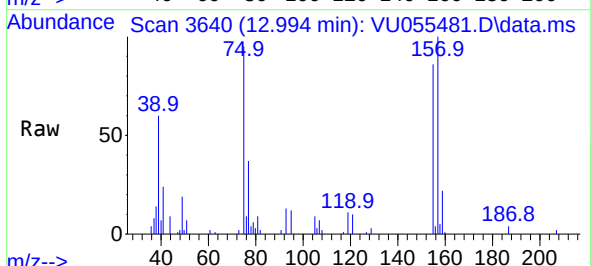
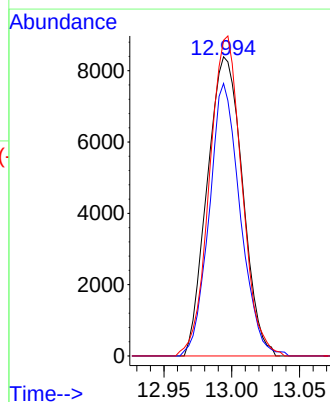
Tgt Ion: 75 Resp: 15192

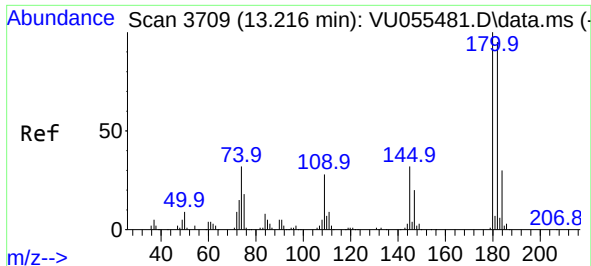
Ion	Ratio	Lower	Upper
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75	100		
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155	91.1	69.2	103.8
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157	105.5	81.9	122.9
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#69

1,3,5-Trichlorobenzene

Concen: 5.103 ug/L

RT: 13.216 min Scan# 31

Delta R.T. 0.000 min

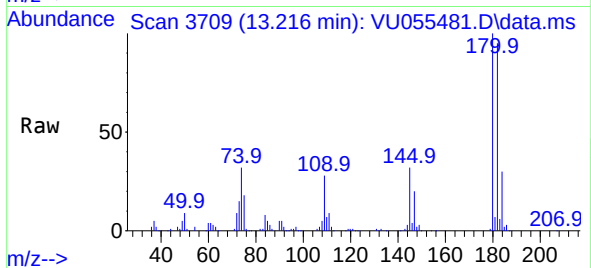
Lab File: VU055481.D

Acq: 25 Sep 2023 08:57

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 180951

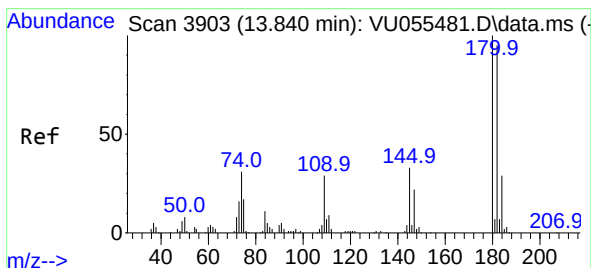
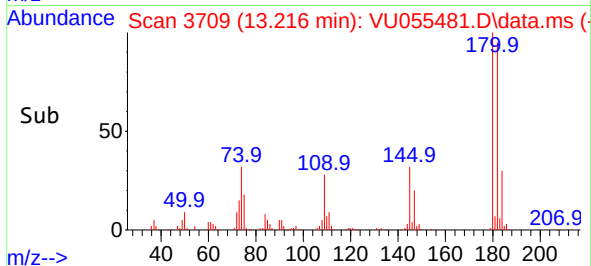
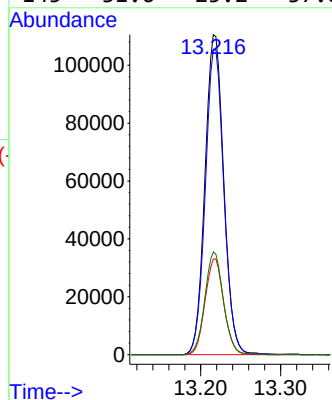
Ion Ratio Lower Upper

180 100

182 94.5 77.1 115.7

184 29.7 24.0 36.0

145 31.6 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 4.902 ug/L

RT: 13.840 min Scan# 3903

Delta R.T. 0.000 min

Lab File: VU055481.D

Acq: 25 Sep 2023 08:57

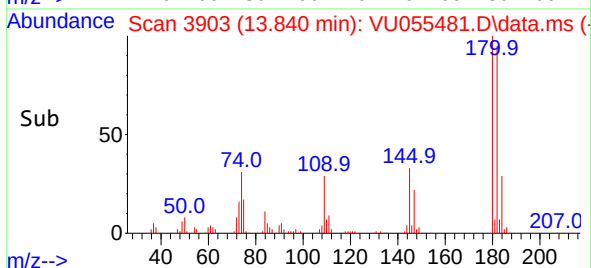
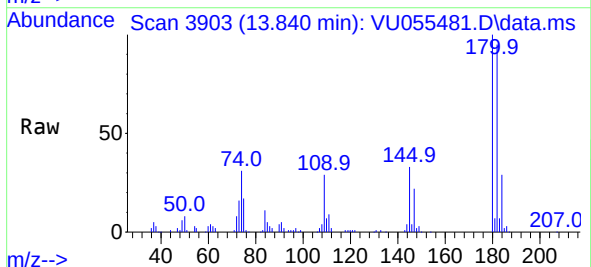
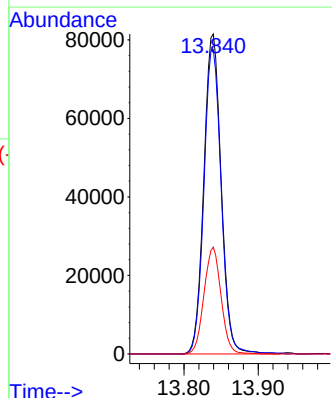
Tgt Ion:180 Resp: 132526

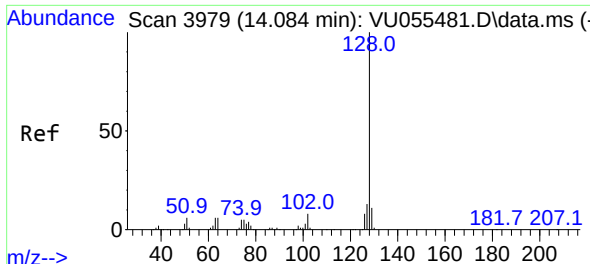
Ion Ratio Lower Upper

180 100

182 95.0 76.4 114.6

145 32.8 25.4 38.0

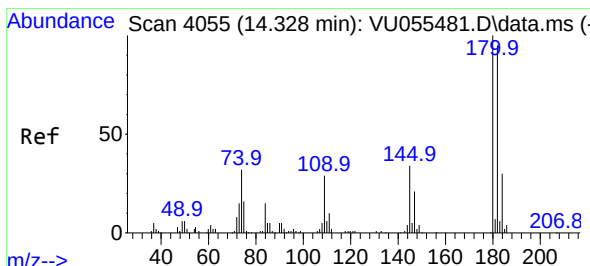
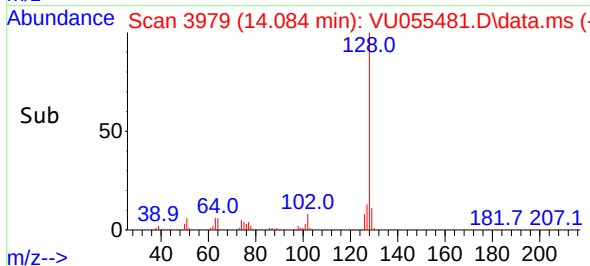
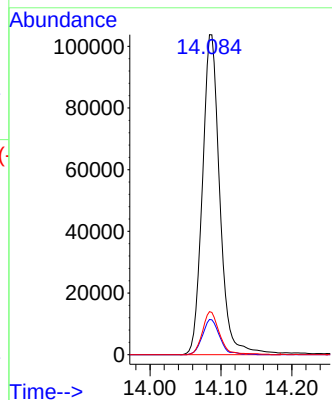
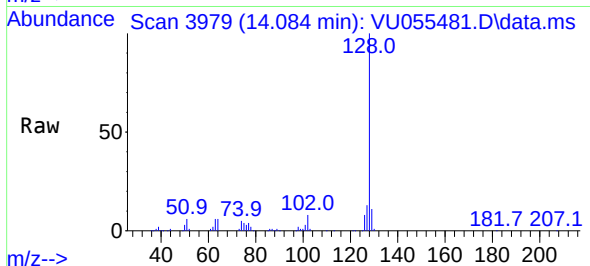




#71
Naphthalene
Concen: 4.520 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU055481.D
Acq: 25 Sep 2023 08:57

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 176907
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 13.2 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.799 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU055481.D
Acq: 25 Sep 2023 08:57

Tgt Ion:180 Resp: 112893
Ion Ratio Lower Upper
180 100
182 96.5 76.2 114.4
145 35.3 26.0 39.0

