

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U060723\
 Data File : U054406.D
 Acq On : 07 Jun 2023 12:05
 Operator : MD/SY
 Sample : VSTD00132
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 08 01:04:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 08 01:03:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	321473	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	297597	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	152463	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	19773	0.966	ug/L	0.00
7) Chloroethane-d5	1.914	69	18317	0.956	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	8733	0.956	ug/L	0.00
20) 2-Butanone-d5	4.644	46	50314	8.747	ug/L	0.01
24) Chloroform-d	5.058	84	39427	0.922	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.701	65	20189	0.968	ug/L	0.00
32) Benzene-d6	5.727	84	78747	0.952	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.688	67	25935	0.939	ug/L	0.00
41) Toluene-d8	7.894	98	67994	0.926	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	9001	0.937	ug/L	0.00
46) 2-Hexanone-d5	8.634	63	34081	8.456	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	18629	0.904	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	23923	0.930	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	27685	0.922	ug/L	100
3) Chloromethane	1.518	50	32594	0.945	ug/L	96
5) Vinyl chloride	1.605	62	32463	0.917	ug/L	97
6) Bromomethane	1.859	94	17566	0.902	ug/L	99
8) Chloroethane	1.933	64	19161	0.903	ug/L	100
9) Trichlorofluoromethane	2.136	101	40841	0.938	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	23741	0.932	ug/L	96
12) 1,1-Dichloroethene	2.579	96	21562	0.925	ug/L	91
13) Acetone	2.647	43	45830	8.450	ug/L	98
14) Carbon disulfide	2.795	76	62142	0.899	ug/L	99
15) Methyl Acetate	2.959	43	8849	0.880	ug/L	94
16) Methylene chloride	3.045	84	31926	0.974	ug/L	98
17) Methyl tert-butyl Ether	3.361	73	50248	0.873	ug/L	98
18) trans-1,2-Dichloroethene	3.354	96	21975	0.913	ug/L	92
19) 1,1-Dichloroethane	3.865	63	45613	0.916	ug/L	99
21) 2-Butanone	4.721	43	56867	7.640	ug/L	99
22) cis-1,2-Dichloroethene	4.666	96	24519	0.894	ug/L	96
23) Bromochloromethane	4.975	128	10124	0.887	ug/L	93
25) Chloroform	5.087	83	43929	0.894	ug/L	98
27) 1,2-Dichloroethane	5.795	62	25679	0.892	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	36560	0.906	ug/L	99
30) Cyclohexane	5.386	56	38425	0.874	ug/L	96
31) Carbon tetrachloride	5.528	117	30549	0.879	ug/L	97
33) Benzene	5.772	78	95862	0.896	ug/L	100
34) Trichloroethene	6.544	95	25795	0.912	ug/L	94
35) Methylcyclohexane	6.759	83	36511	0.854	ug/L	99
37) 1,2-Dichloropropane	6.788	63	26780	0.926	ug/L	99
38) Bromodichloromethane	7.103	83	30287	0.925	ug/L	94
39) cis-1,3-Dichloropropene	7.605	75	35780	0.906	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	133968	8.681	ug/L	98
42) Toluene	7.968	91	97930	0.889	ug/L	100
44) trans-1,3-Dichloropropene	8.209	75	27381	0.855	ug/L	97

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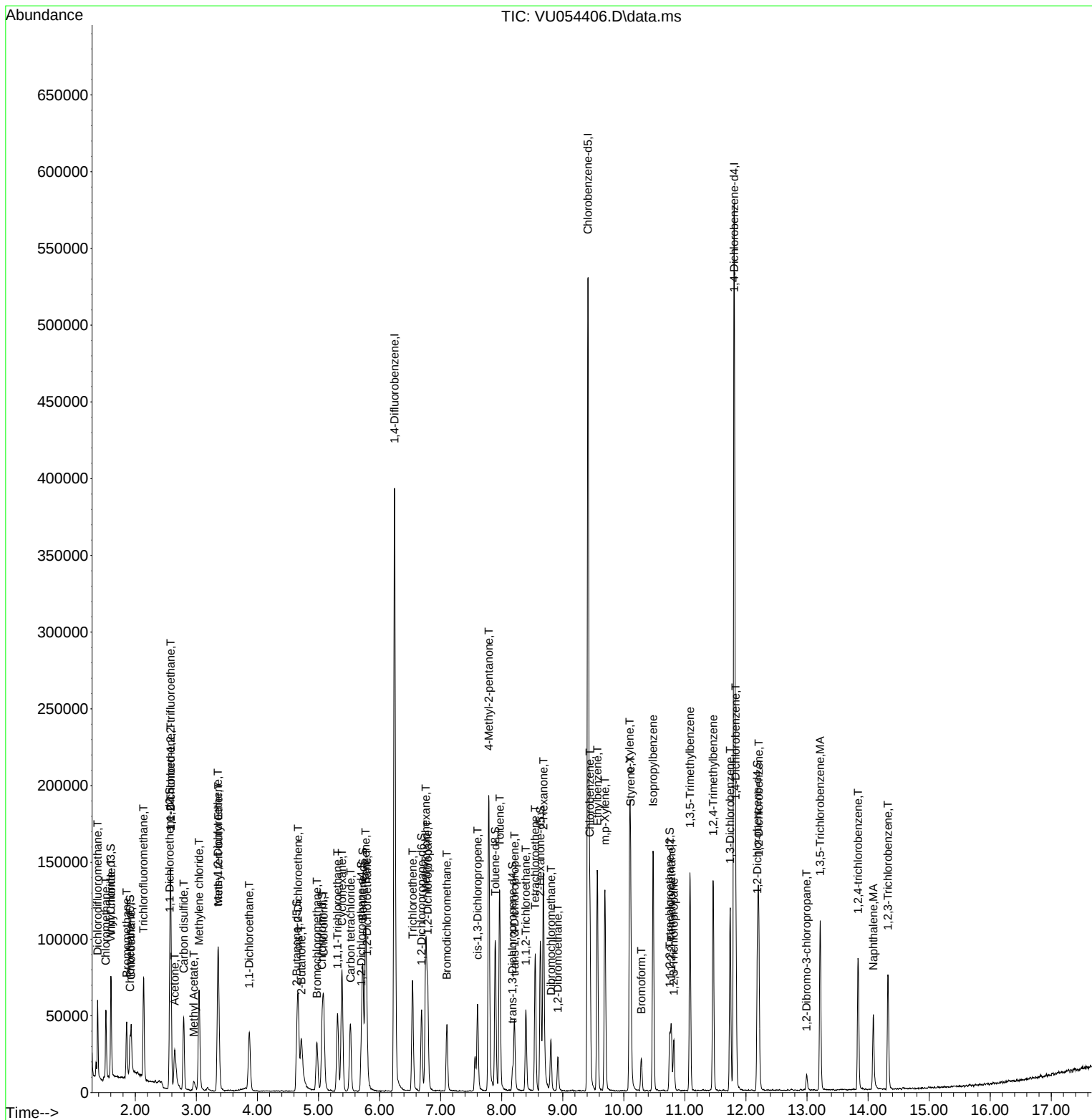
Instrument :
 MSVOA_U
 ClientSampleId :

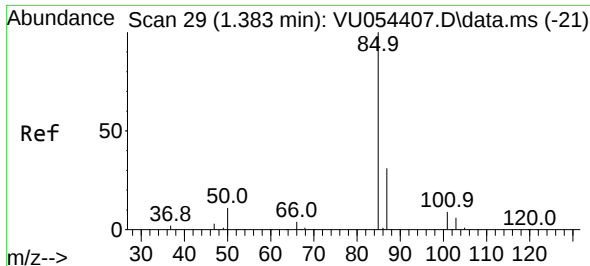
Quant Time: Jun 08 01:04:31 2023
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.396	97	16733	0.910	ug/L	97
47) Tetrachloroethene	8.550	164	20068	0.927	ug/L	95
48) 2-Hexanone	8.685	43	91197	7.931	ug/L	96
49) Dibromochloromethane	8.807	129	16794	0.869	ug/L	95
50) 1,2-Dibromoethane	8.920	107	14929	0.884	ug/L	93
51) Chlorobenzene	9.444	112	61658	0.898	ug/L	97
52) Ethylbenzene	9.566	91	102234	0.850	ug/L	98
53) m,p-Xylene	9.692	106	37186	0.842	ug/L	97
54) o-Xylene	10.097	106	37327	0.873	ug/L	98
55) Styrene	10.113	104	57218	0.798	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	20995	0.898	ug/L	95
59) Bromoform	10.286	173	10317	0.943	ug/L	92
60) Isopropylbenzene	10.479	105	101185	0.907	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	15101	0.980	ug/L	94
62) 1,3,5-Trimethylbenzene	11.084	105	77023	0.846	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	77714	0.841	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	47660	0.914	ug/L	95
65) 1,4-Dichlorobenzene	11.833	146	47971	0.917	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	44096	0.920	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.990	75	3267	0.965	ug/L #	78
69) 1,3,5-Trichlorobenzene	13.216	180	34657	0.881	ug/L	96
70) 1,2,4-trichlorobenzene	13.836	180	27994	0.861	ug/L	98
71) Naphthalene	14.087	128	43015	0.813	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	23428	0.838	ug/L	99

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

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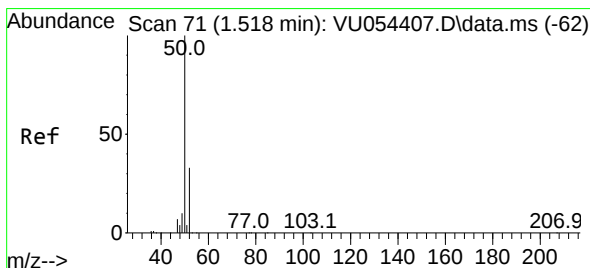
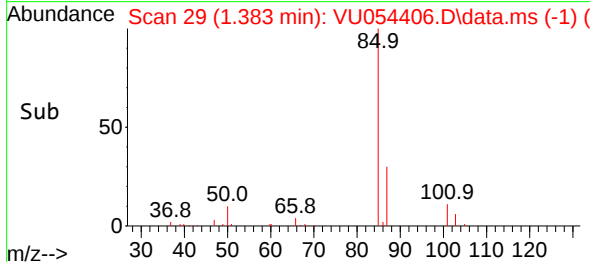
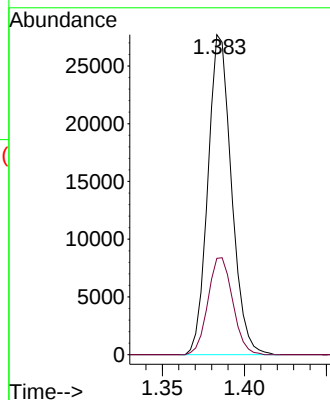
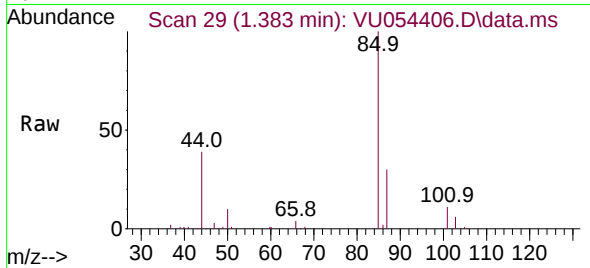




#2
 Dichlorodifluoromethane
 Concen: 0.922 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU054406.D
 Acq: 07 Jun 2023 12:05

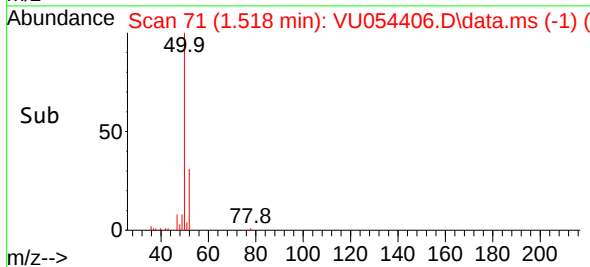
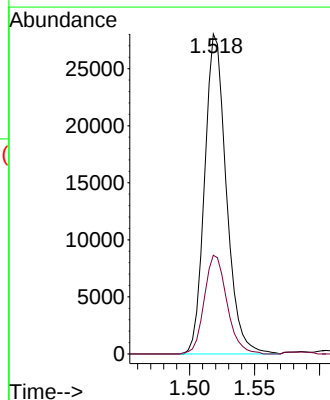
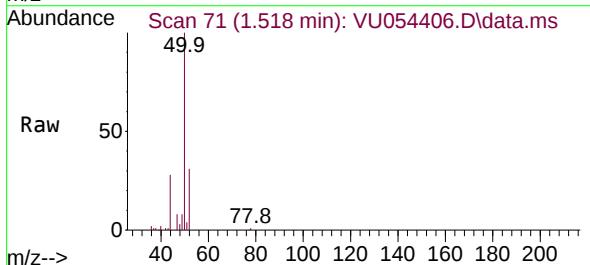
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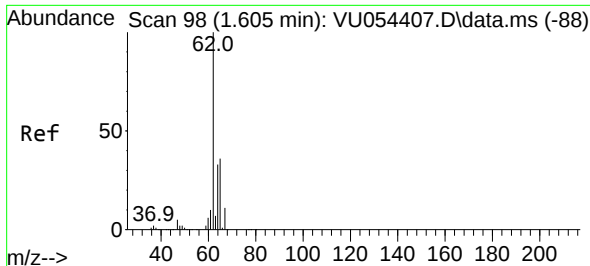
Tgt Ion: 85 Resp: 27685
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.4 38.2



#3
 Chloromethane
 Concen: 0.945 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU054406.D
 Acq: 07 Jun 2023 12:05

Tgt Ion: 50 Resp: 32594
 Ion Ratio Lower Upper
 50 100
 52 30.8 23.4 43.4

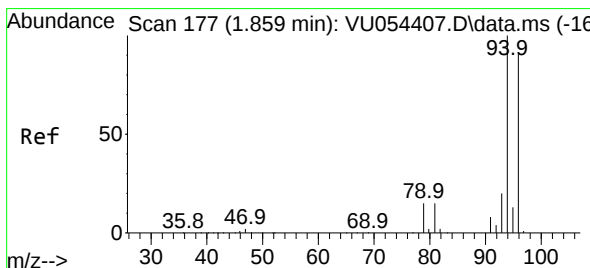
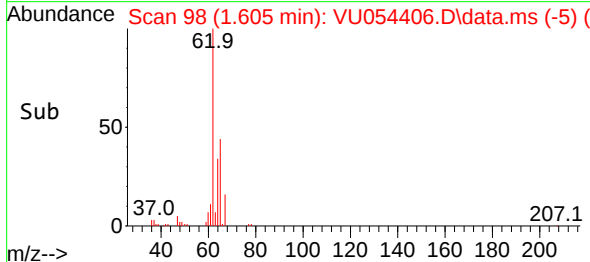
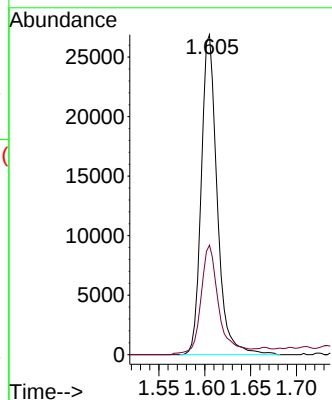
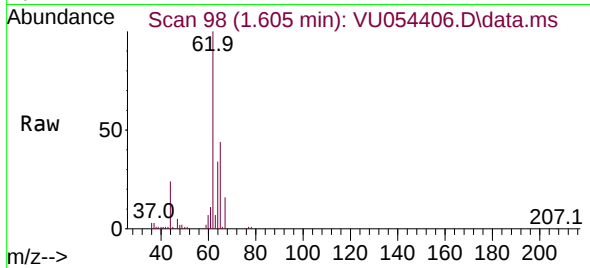




#5
 Vinyl chloride
 Concen: 0.917 ug/L
 RT: 1.605 min Scan# 98
 Delta R.T. -0.000 min
 Lab File: VU054406.D
 Acq: 07 Jun 2023 12:05

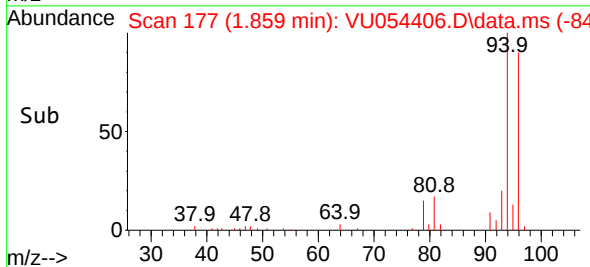
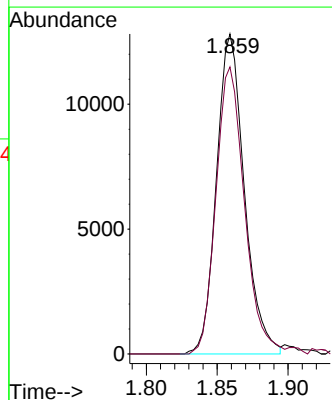
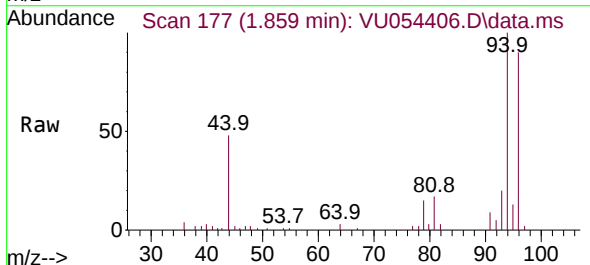
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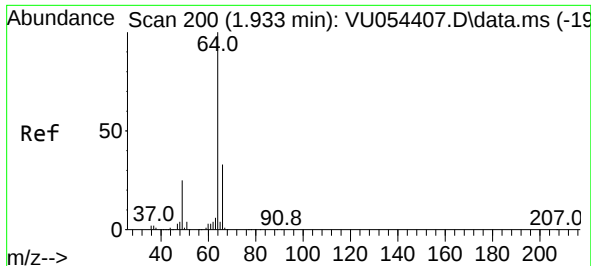
Tgt Ion: 62 Resp: 32463
 Ion Ratio Lower Upper
 62 100
 64 34.2 23.0 42.6



#6
 Bromomethane
 Concen: 0.902 ug/L
 RT: 1.859 min Scan# 177
 Delta R.T. -0.000 min
 Lab File: VU054406.D
 Acq: 07 Jun 2023 12:05

Tgt Ion: 94 Resp: 17566
 Ion Ratio Lower Upper
 94 100
 96 89.7 63.6 118.2

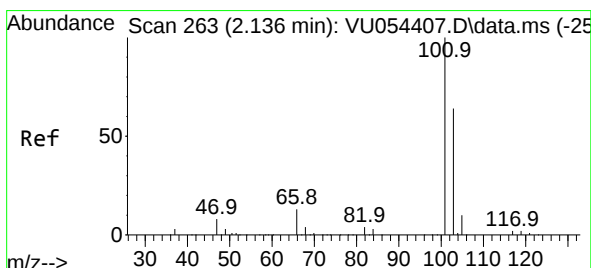
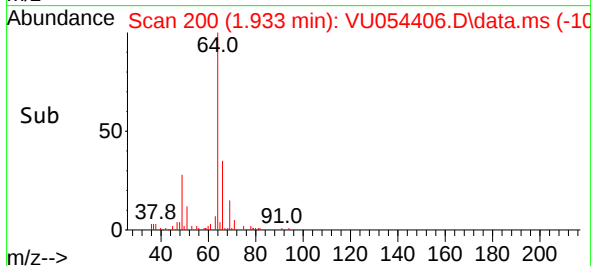
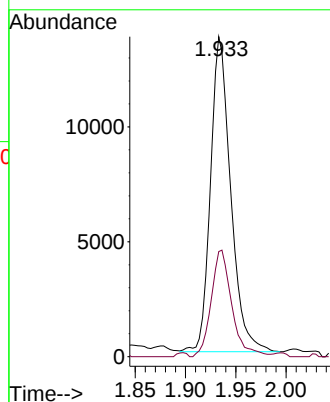
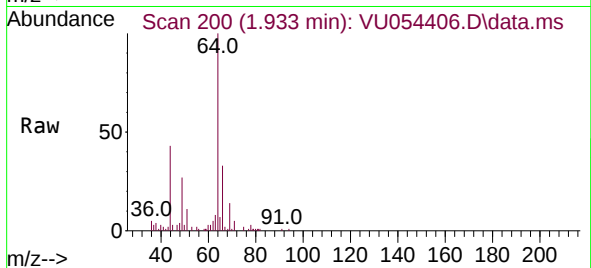




#8
Chloroethane
Concen: 0.903 ug/L
RT: 1.933 min Scan# 200
Delta R.T. -0.000 min
Lab File: VU054406.D
Acq: 07 Jun 2023 12:05

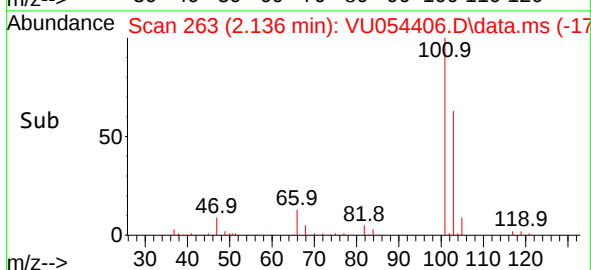
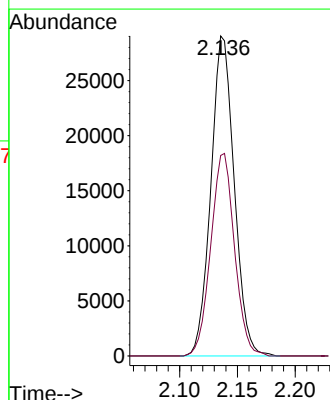
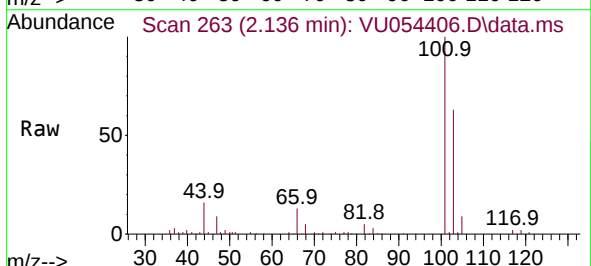
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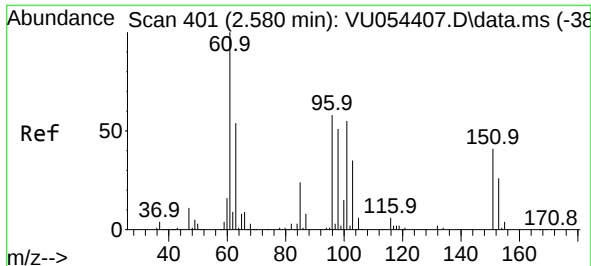
Tgt Ion: 64 Resp: 19161
Ion Ratio Lower Upper
64 100
66 32.8 22.9 42.5



#9
Trichlorofluoromethane
Concen: 0.938 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU054406.D
Acq: 07 Jun 2023 12:05

Tgt Ion: 101 Resp: 40841
Ion Ratio Lower Upper
101 100
103 64.4 50.6 75.8

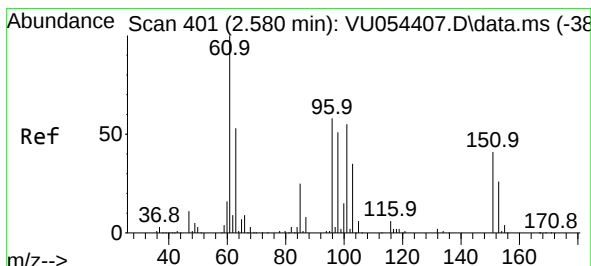
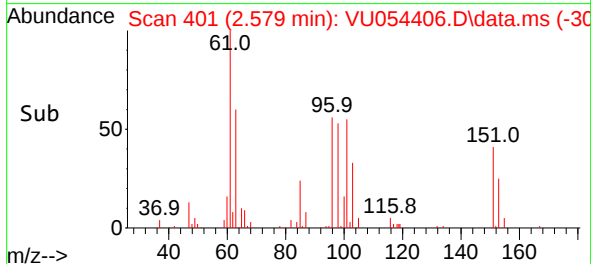
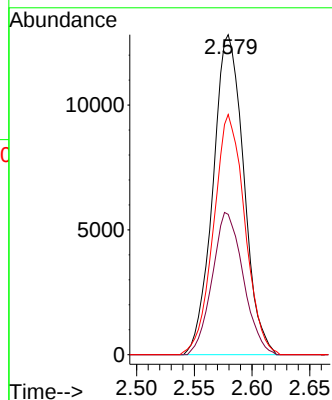
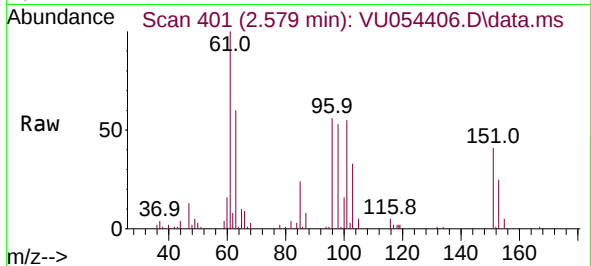




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.932 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. -0.000 min
 Lab File: VU054406.D
 Acq: 07 Jun 2023 12:05

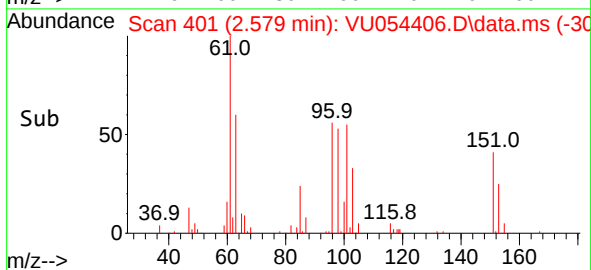
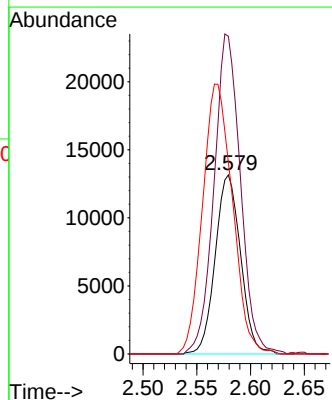
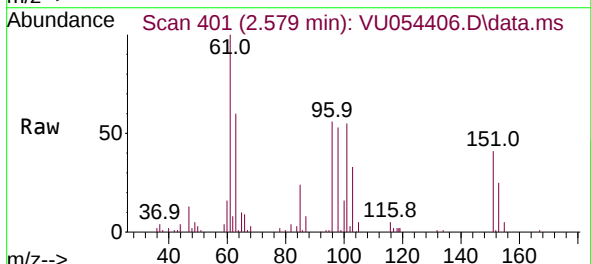
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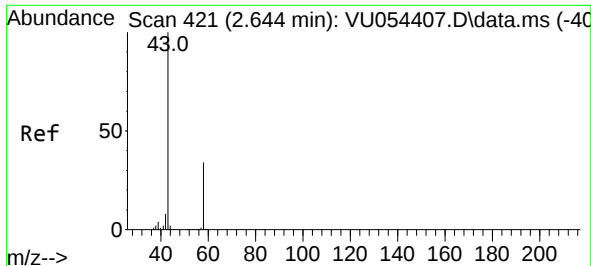
Tgt Ion:101 Resp: 23741
 Ion Ratio Lower Upper
 101 100
 85 44.8 34.6 51.8
 151 76.4 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 0.925 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. -0.000 min
 Lab File: VU054406.D
 Acq: 07 Jun 2023 12:05

Tgt Ion: 96 Resp: 21562
 Ion Ratio Lower Upper
 96 100
 61 177.5 119.9 222.7
 63 107.1 64.3 119.3





#13

Acetone

Concen: 8.450 ug/L

RT: 2.647 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU054406.D

Acq: 07 Jun 2023 12:05

Instrument :

MSVOA_U

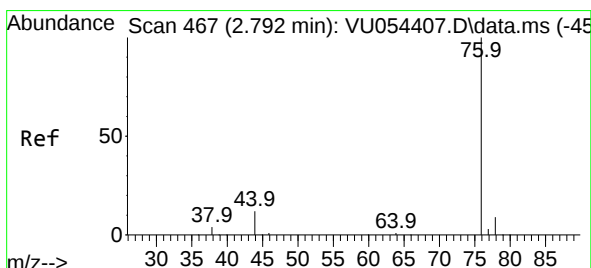
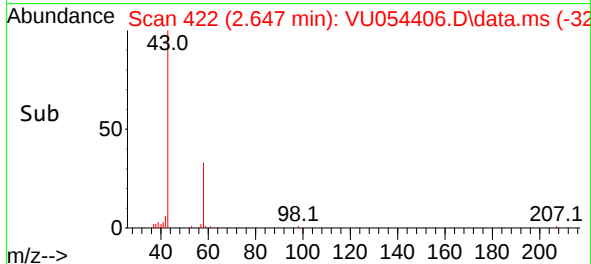
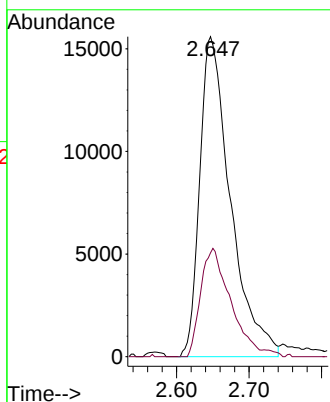
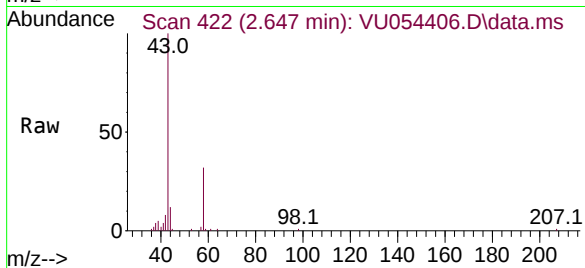
ClientSampleId :

Tgt Ion: 43 Resp: 45830

Ion Ratio Lower Upper

43 100

58 32.6 0.0 67.2



#14

Carbon disulfide

Concen: 0.899 ug/L

RT: 2.795 min Scan# 468

Delta R.T. 0.003 min

Lab File: VU054406.D

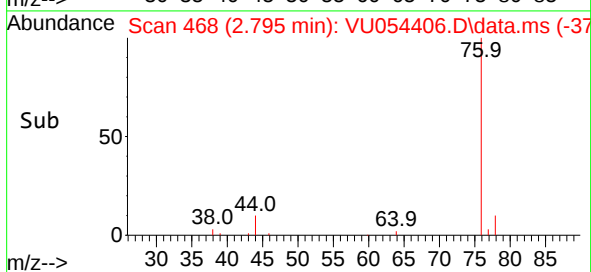
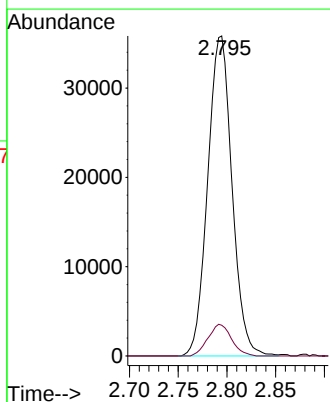
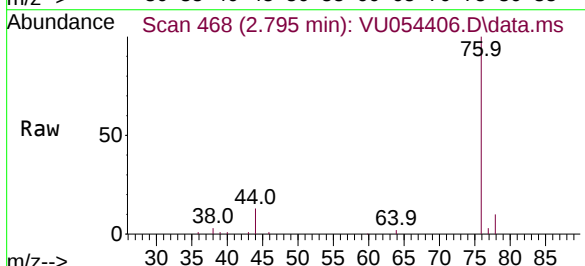
Acq: 07 Jun 2023 12:05

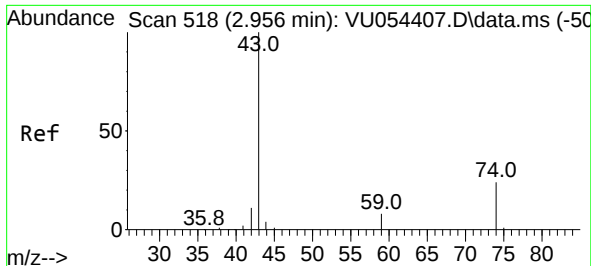
Tgt Ion: 76 Resp: 62142

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.0

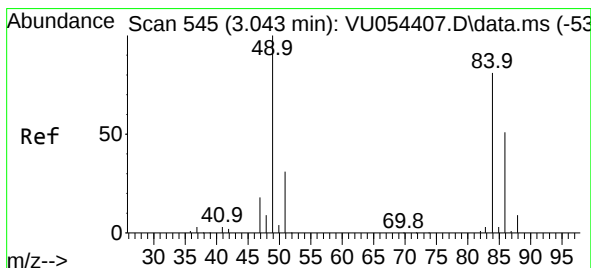
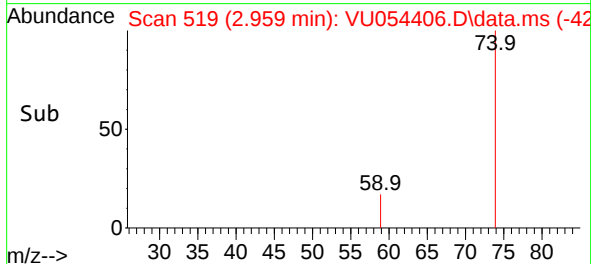
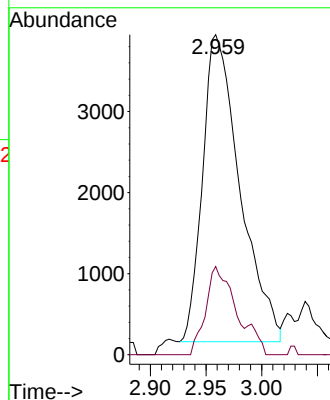
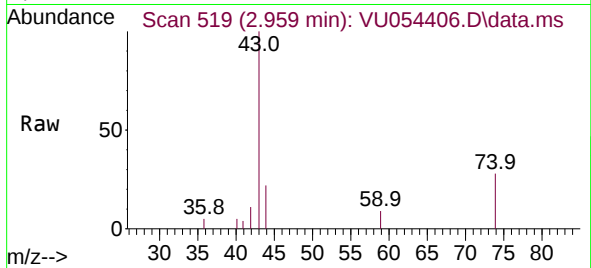




#15
Methyl Acetate
Concen: 0.880 ug/L
RT: 2.959 min Scan# 518
Delta R.T. 0.003 min
Lab File: VU054406.D
Acq: 07 Jun 2023 12:05

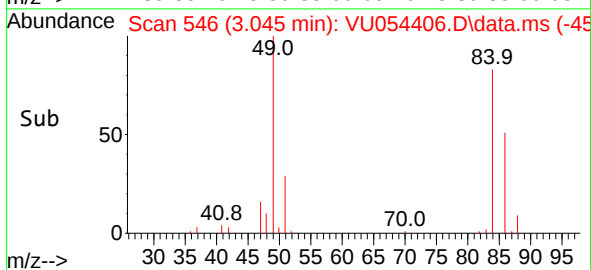
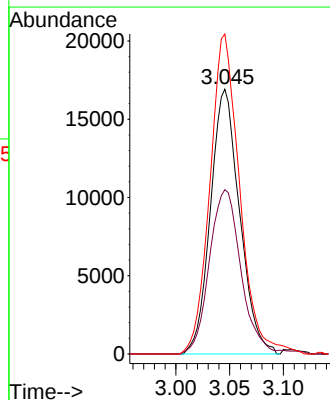
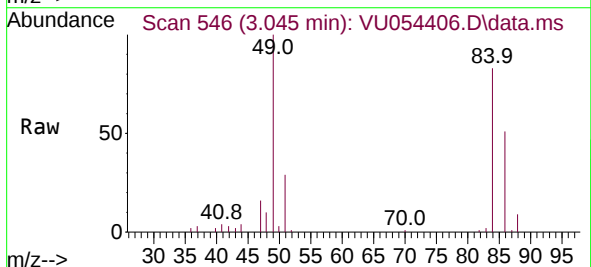
Instrument :
MSVOA_U
ClientSampleId :

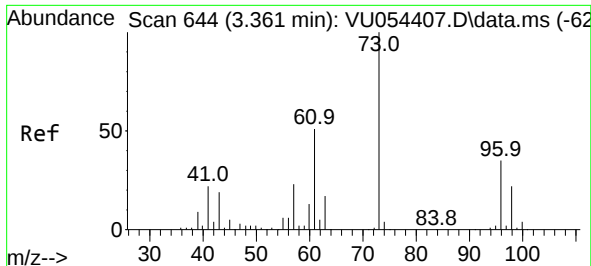
Tgt Ion: 43 Resp: 8849
Ion Ratio Lower Upper
43 100
74 20.8 19.0 28.6



#16
Methylene chloride
Concen: 0.974 ug/L
RT: 3.045 min Scan# 546
Delta R.T. 0.003 min
Lab File: VU054406.D
Acq: 07 Jun 2023 12:05

Tgt Ion: 84 Resp: 31926
Ion Ratio Lower Upper
84 100
86 62.1 43.9 81.5
49 120.9 86.1 159.9





#17

Methyl tert-butyl Ether

Concen: 0.873 ug/L

RT: 3.361 min Scan# 644

Delta R.T. -0.000 min

Lab File: VU054406.D

Acq: 07 Jun 2023 12:05

Instrument :

MSVOA_U

ClientSampleId :

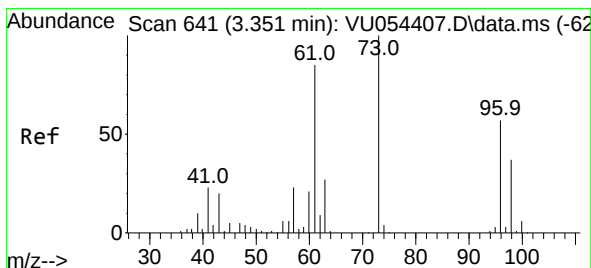
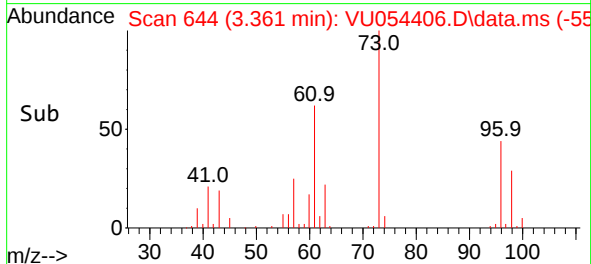
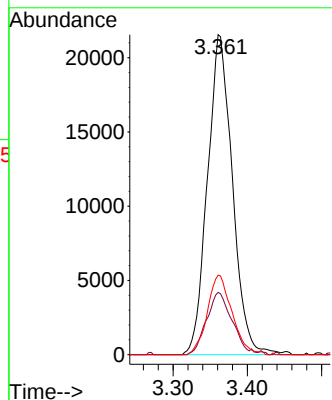
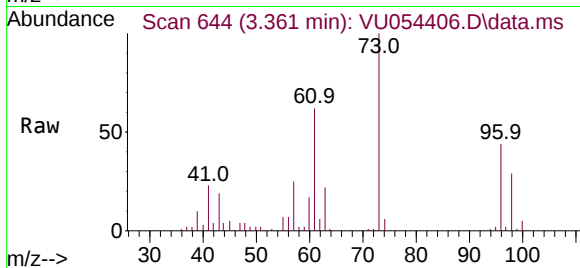
Tgt Ion: 73 Resp: 50248

Ion Ratio Lower Upper

73 100

43 20.0 15.7 23.5

57 24.7 18.6 28.0



#18

trans-1,2-Dichloroethene

Concen: 0.913 ug/L

RT: 3.354 min Scan# 642

Delta R.T. 0.003 min

Lab File: VU054406.D

Acq: 07 Jun 2023 12:05

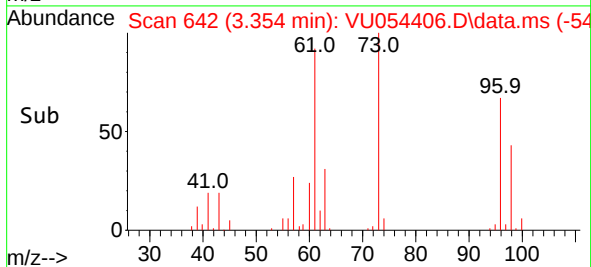
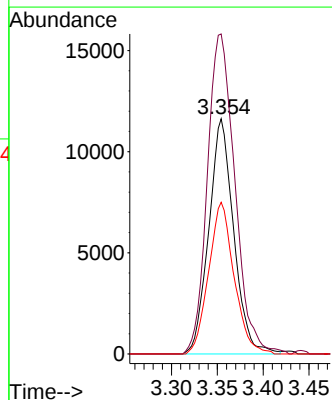
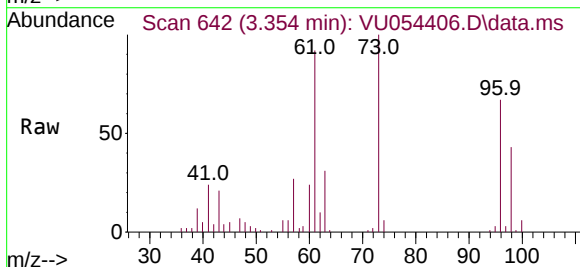
Tgt Ion: 96 Resp: 21975

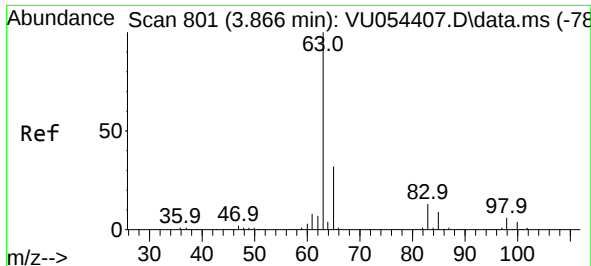
Ion Ratio Lower Upper

96 100

61 136.1 104.6 194.2

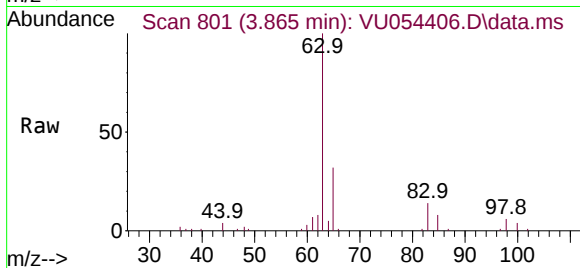
98 64.5 45.4 84.4



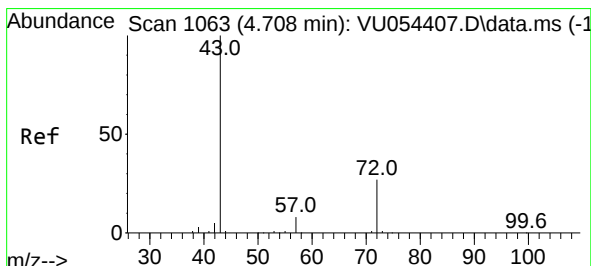
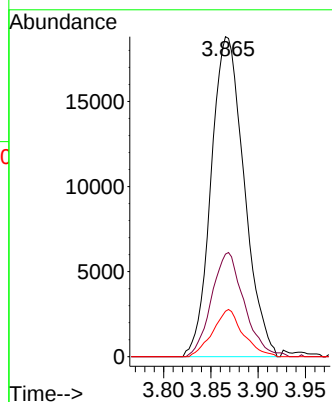
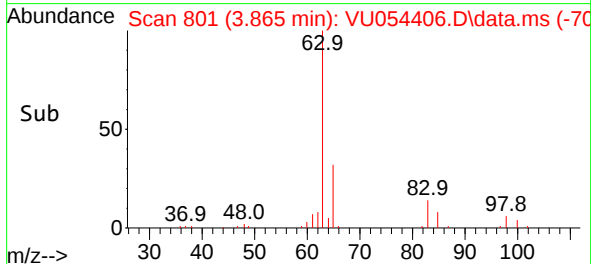


#19
1,1-Dichloroethane
Concen: 0.916 ug/L
RT: 3.865 min Scan# 801
Delta R.T. -0.000 min
Lab File: VU054406.D
Acq: 07 Jun 2023 12:05

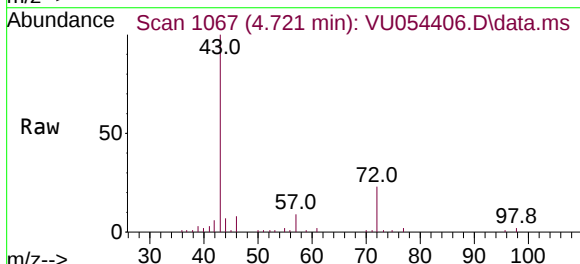
Instrument :
MSVOA_U
ClientSampleId :



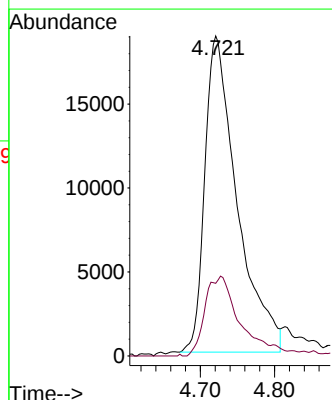
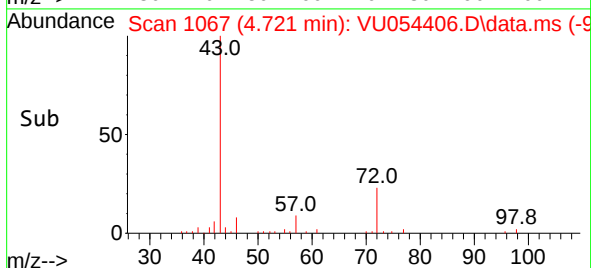
Tgt Ion: 63 Resp: 45613
Ion Ratio Lower Upper
63 100
65 32.1 22.2 41.2
83 14.2 9.0 16.6

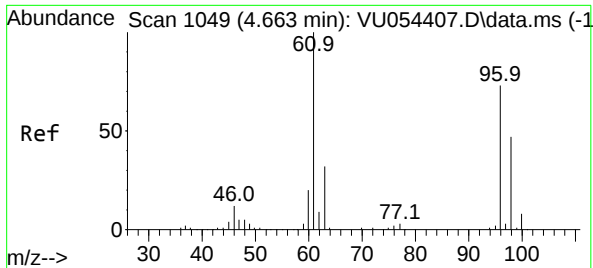


#21
2-Butanone
Concen: 7.640 ug/L
RT: 4.721 min Scan# 1067
Delta R.T. 0.013 min
Lab File: VU054406.D
Acq: 07 Jun 2023 12:05



Tgt Ion: 43 Resp: 56867
Ion Ratio Lower Upper
43 100
72 26.2 13.4 40.1

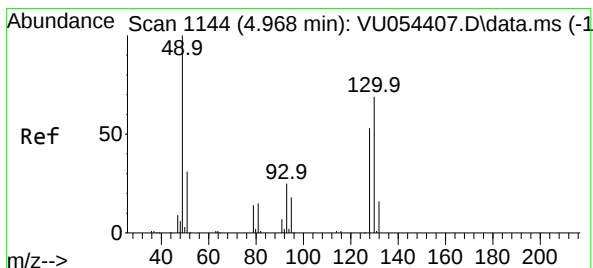
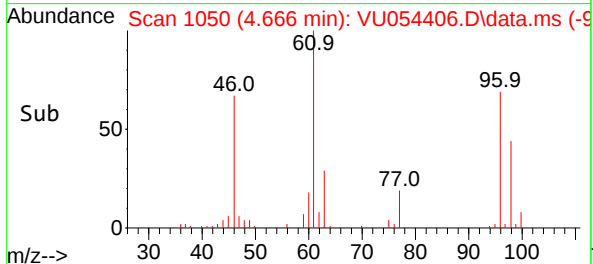
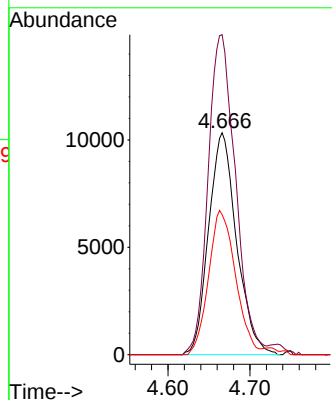
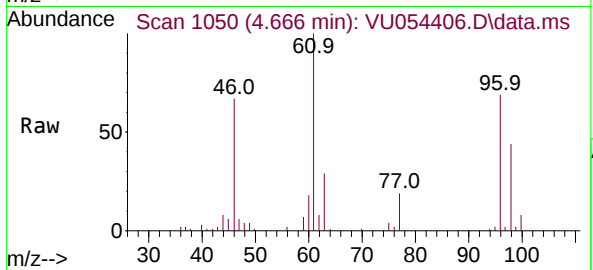




#22
 cis-1,2-Dichloroethene
 Concen: 0.894 ug/L
 RT: 4.666 min Scan# 1050
 Delta R.T. 0.003 min
 Lab File: VU054406.D
 Acq: 07 Jun 2023 12:05

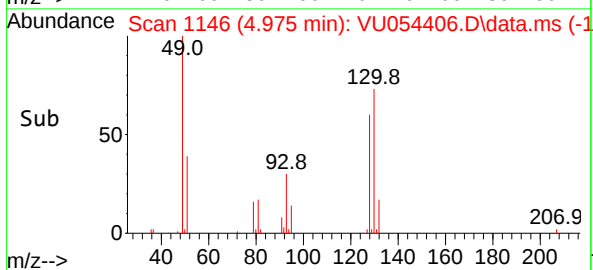
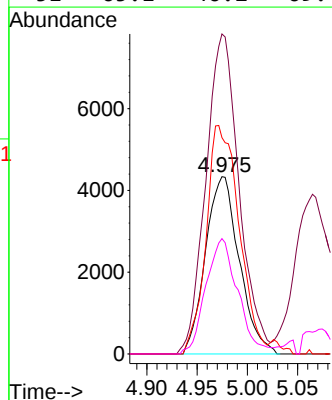
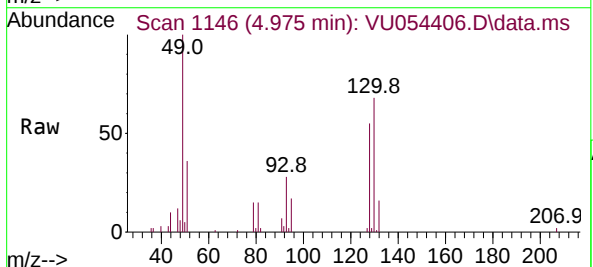
Instrument :
 MSVOA_U
 ClientSampleId :

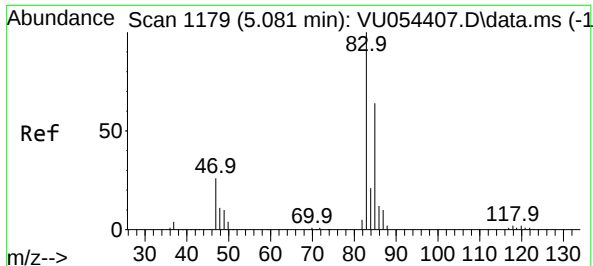
Tgt Ion: 96 Resp: 24519
 Ion Ratio Lower Upper
 96 100
 61 144.2 96.5 179.1
 98 63.1 44.9 83.3



#23
 Bromochloromethane
 Concen: 0.887 ug/L
 RT: 4.975 min Scan# 1146
 Delta R.T. 0.006 min
 Lab File: VU054406.D
 Acq: 07 Jun 2023 12:05

Tgt Ion: 128 Resp: 10124
 Ion Ratio Lower Upper
 128 100
 49 180.4 132.1 245.3
 130 122.0 91.5 169.9
 51 65.1 46.2 69.4





#25

Chloroform

Concen: 0.894 ug/L

RT: 5.087 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VU054406.D

Acq: 07 Jun 2023 12:05

Instrument :

MSVOA_U

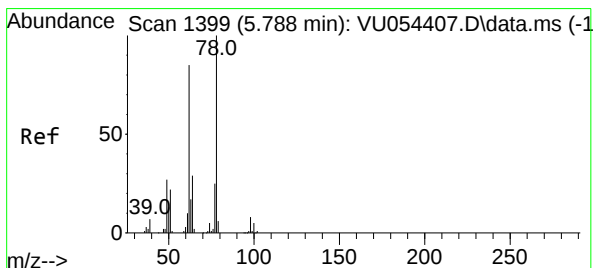
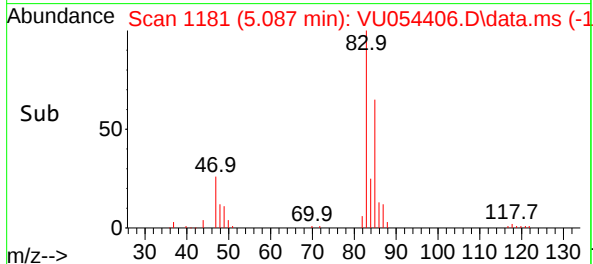
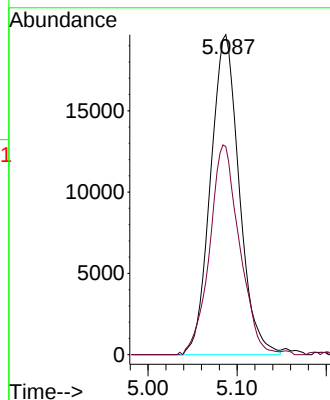
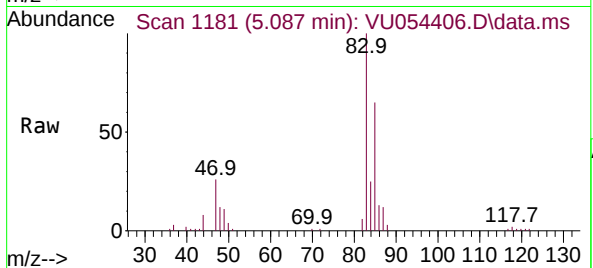
ClientSampleId :

Tgt Ion: 83 Resp: 43929

Ion Ratio Lower Upper

83 100

85 65.1 44.7 82.9



#27

1,2-Dichloroethane

Concen: 0.892 ug/L

RT: 5.795 min Scan# 1401

Delta R.T. 0.006 min

Lab File: VU054406.D

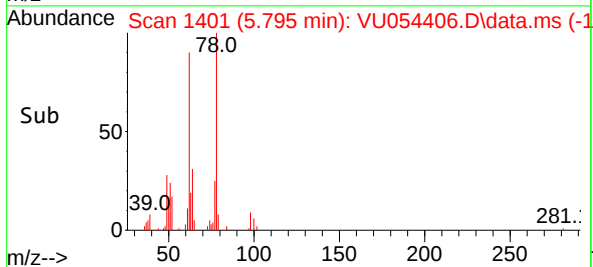
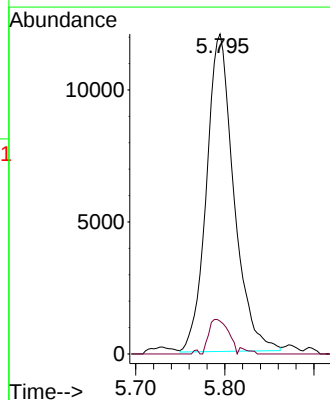
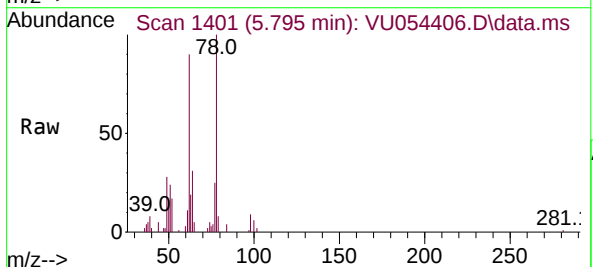
Acq: 07 Jun 2023 12:05

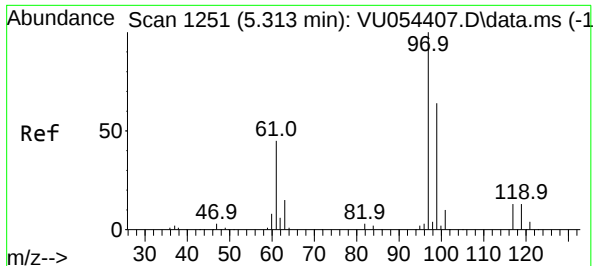
Tgt Ion: 62 Resp: 25679

Ion Ratio Lower Upper

62 100

98 10.2 7.8 11.6

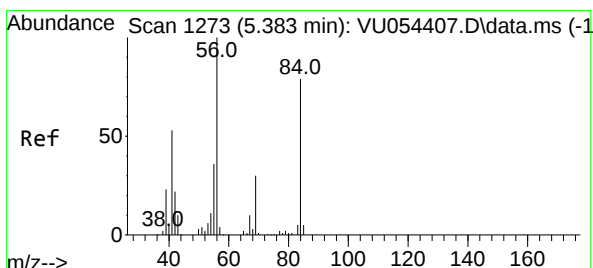
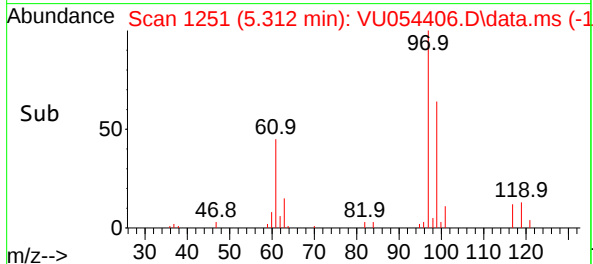
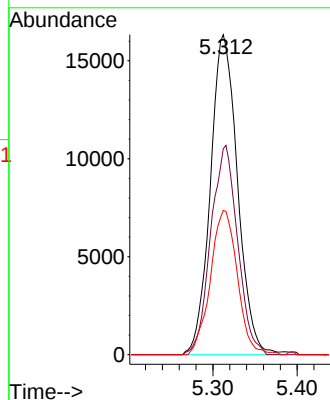
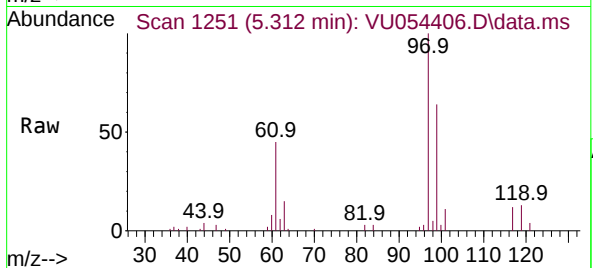




#29
1,1,1-Trichloroethane
Concen: 0.906 ug/L
RT: 5.312 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054406.D
Acq: 07 Jun 2023 12:05

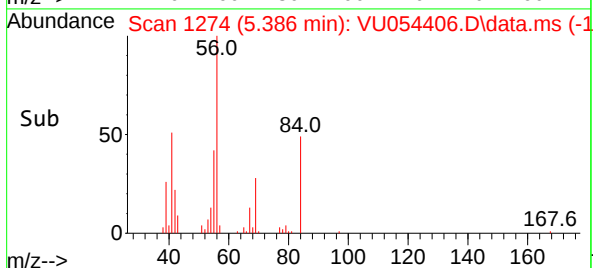
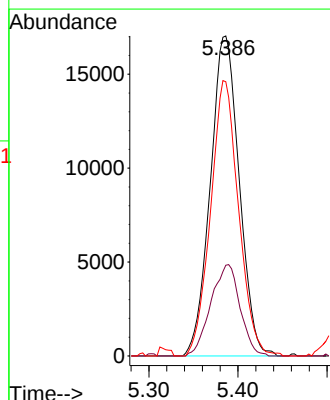
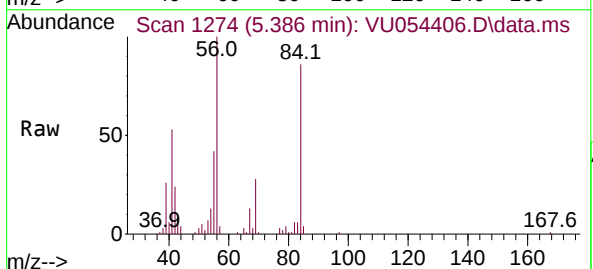
Instrument :
MSVOA_U
ClientSampleId :

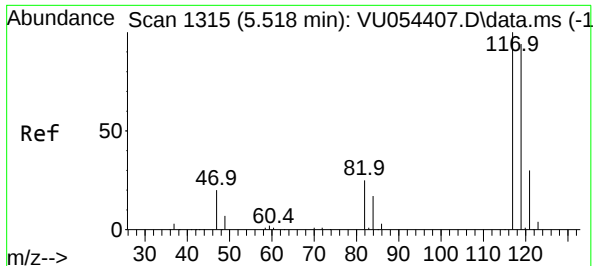
Tgt Ion: 97 Resp: 36560
Ion Ratio Lower Upper
97 100
99 64.6 50.8 76.2
61 44.7 36.1 54.1



#30
Cyclohexane
Concen: 0.874 ug/L
RT: 5.386 min Scan# 1274
Delta R.T. 0.003 min
Lab File: VU054406.D
Acq: 07 Jun 2023 12:05

Tgt Ion: 56 Resp: 38425
Ion Ratio Lower Upper
56 100
69 28.8 23.9 35.9
84 83.2 63.0 94.6

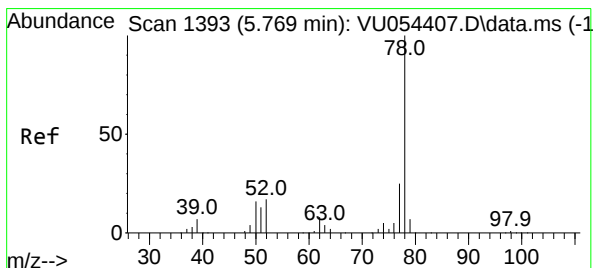
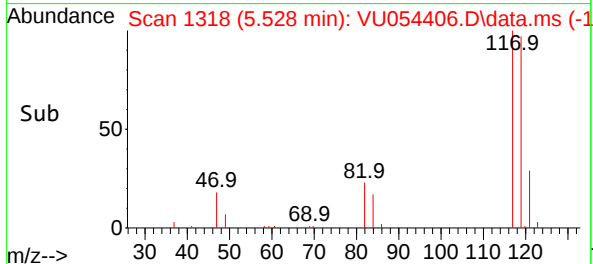
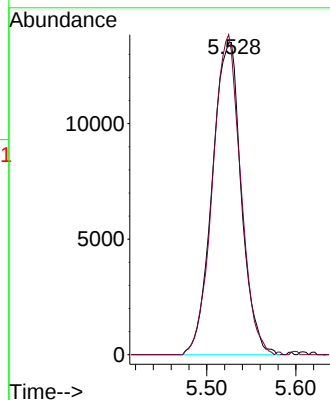
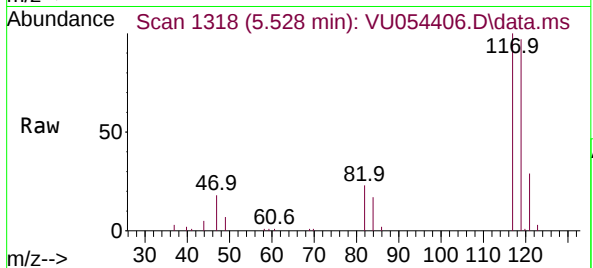




#31
Carbon tetrachloride
Concen: 0.879 ug/L
RT: 5.528 min Scan# 1117
Delta R.T. 0.009 min
Lab File: VU054406.D
Acq: 07 Jun 2023 12:05

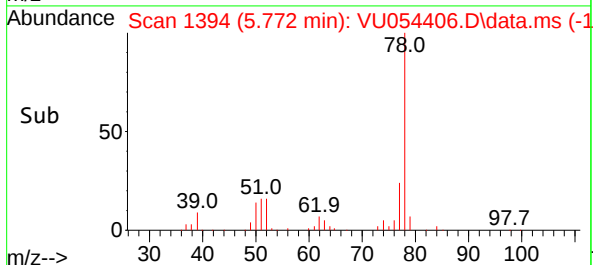
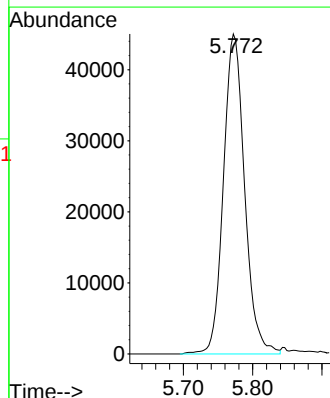
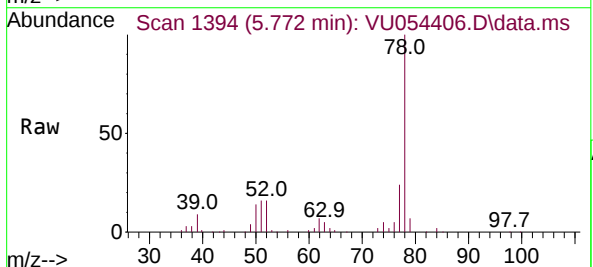
Instrument :
MSVOA_U
ClientSampleId :

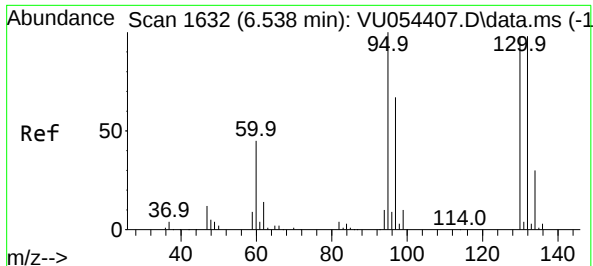
Tgt Ion:117 Resp: 30549
Ion Ratio Lower Upper
117 100
119 99.3 76.8 115.2



#33
Benzene
Concen: 0.896 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.003 min
Lab File: VU054406.D
Acq: 07 Jun 2023 12:05

Tgt Ion: 78 Resp: 95862

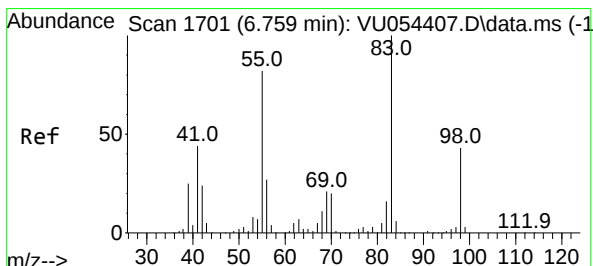
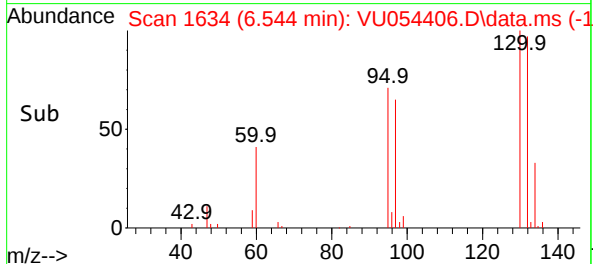
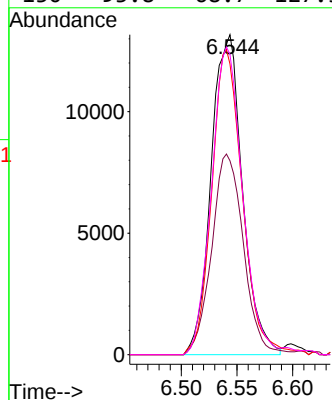
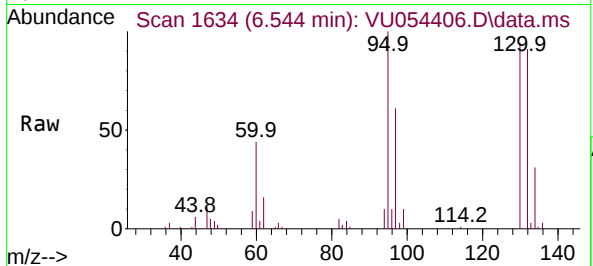




#34
Trichloroethene
Concen: 0.912 ug/L
RT: 6.544 min Scan# 1634
Delta R.T. 0.006 min
Lab File: VU054406.D
Acq: 07 Jun 2023 12:05

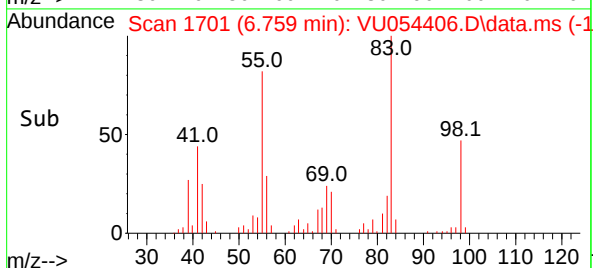
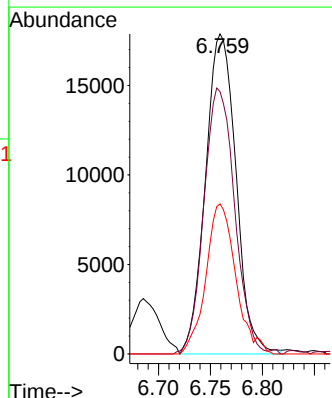
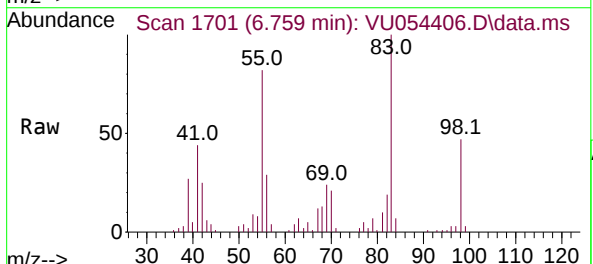
Instrument :
MSVOA_U
ClientSampleId :

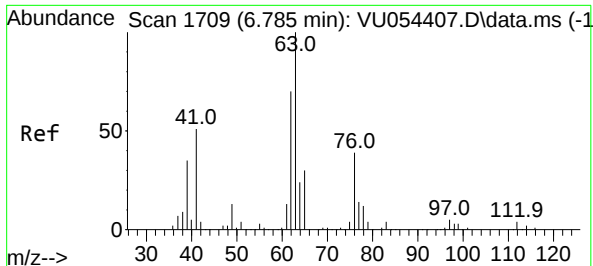
Tgt Ion: 95 Resp: 25795
Ion Ratio Lower Upper
95 100
97 60.6 46.8 87.0
132 90.9 68.4 127.0
130 93.8 68.7 127.5



#35
Methylcyclohexane
Concen: 0.854 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VU054406.D
Acq: 07 Jun 2023 12:05

Tgt Ion: 83 Resp: 36511
Ion Ratio Lower Upper
83 100
55 83.7 67.1 100.7
98 45.9 35.1 52.7





#37

1,2-Dichloropropane

Concen: 0.926 ug/L

RT: 6.788 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU054406.D

Acq: 07 Jun 2023 12:05

Instrument :

MSVOA_U

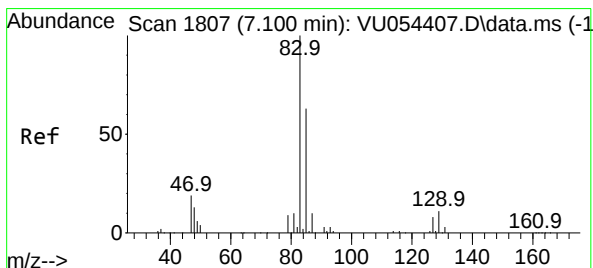
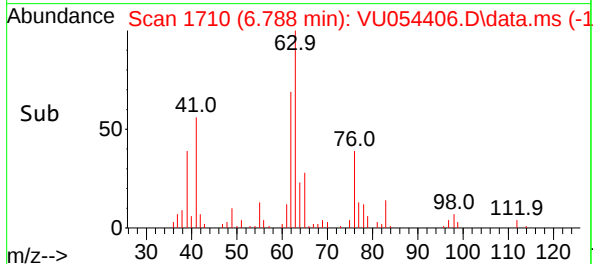
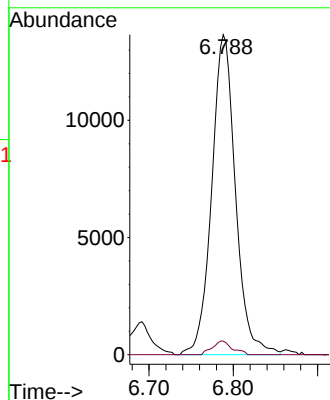
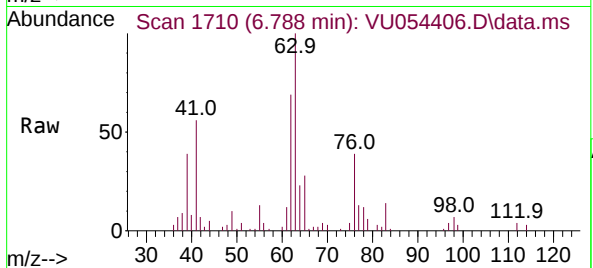
ClientSampleId :

Tgt Ion: 63 Resp: 26780

Ion Ratio Lower Upper

63 100

112 3.6 3.0 4.6



#38

Bromodichloromethane

Concen: 0.925 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. 0.003 min

Lab File: VU054406.D

Acq: 07 Jun 2023 12:05

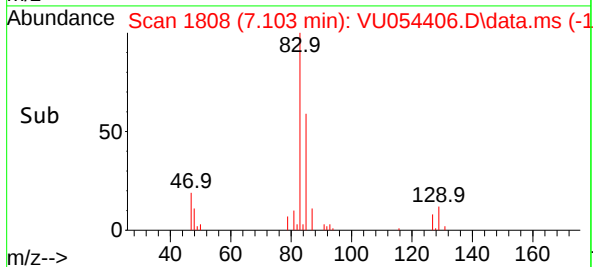
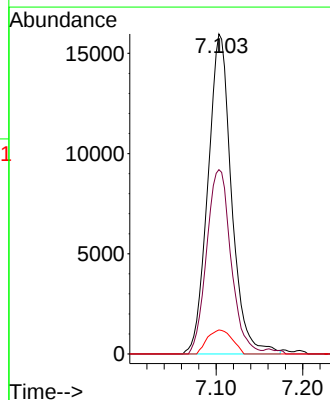
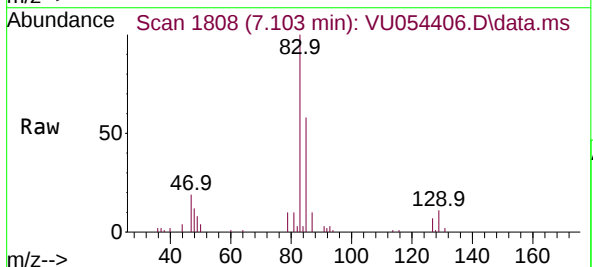
Tgt Ion: 83 Resp: 30287

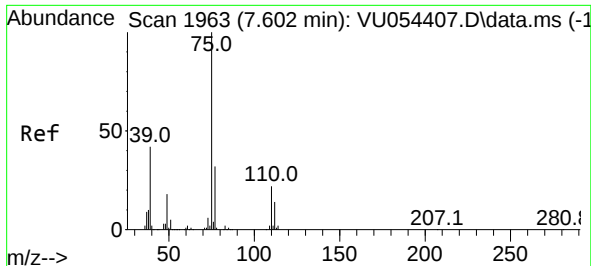
Ion Ratio Lower Upper

83 100

85 57.6 44.1 81.9

127 7.5 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 0.906 ug/L

RT: 7.605 min Scan# 1963

Delta R.T. 0.003 min

Lab File: VU054406.D

Acq: 07 Jun 2023 12:05

Instrument :

MSVOA_U

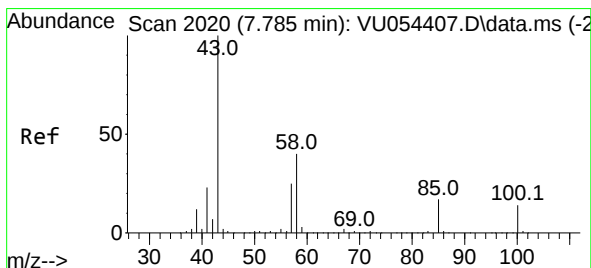
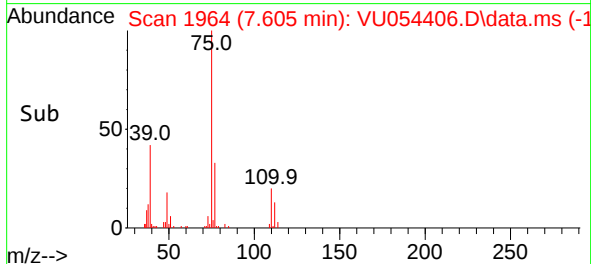
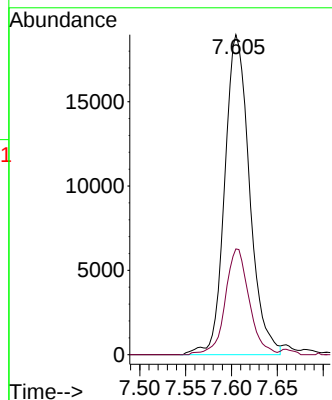
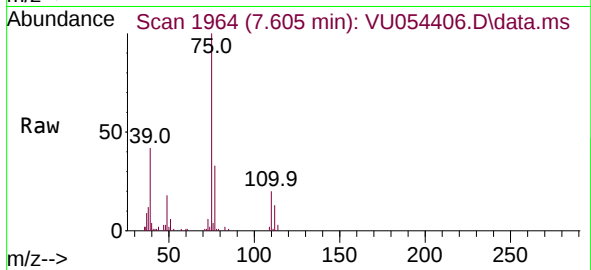
ClientSampleId :

Tgt Ion: 75 Resp: 35780

Ion Ratio Lower Upper

75 100

77 33.1 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 8.681 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. 0.003 min

Lab File: VU054406.D

Acq: 07 Jun 2023 12:05

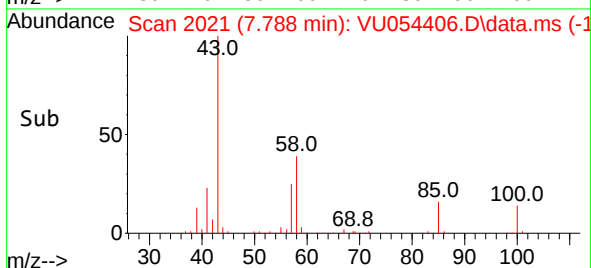
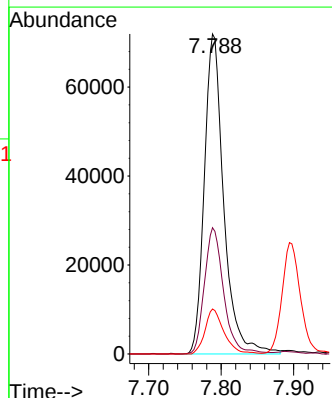
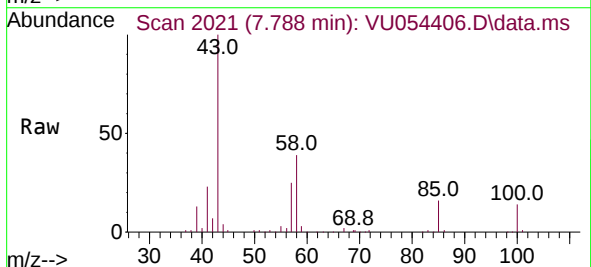
Tgt Ion: 43 Resp: 133968

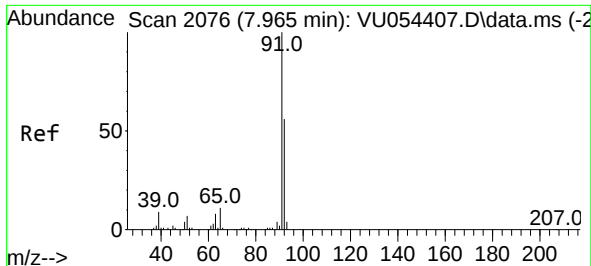
Ion Ratio Lower Upper

43 100

58 39.2 32.4 48.6

100 13.7 11.4 17.2





#42

Toluene

Concen: 0.889 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU054406.D

Acq: 07 Jun 2023 12:05

Instrument :

MSVOA_U

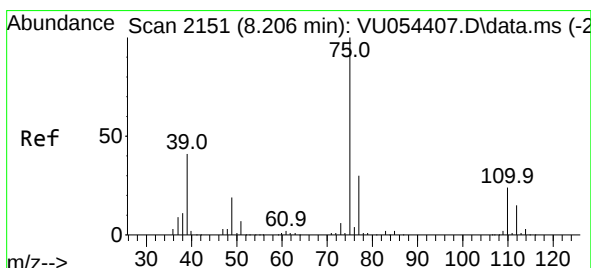
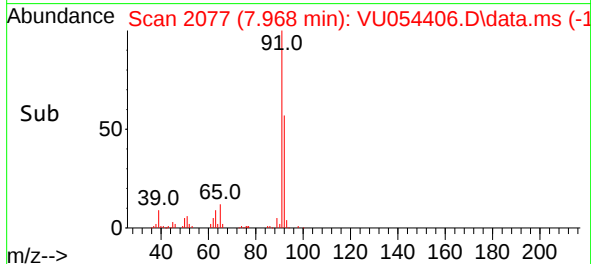
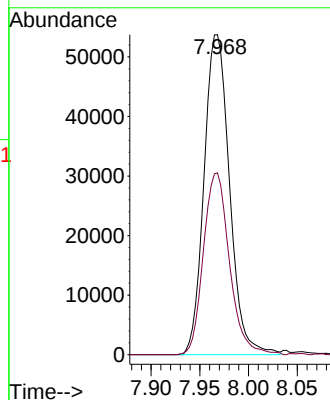
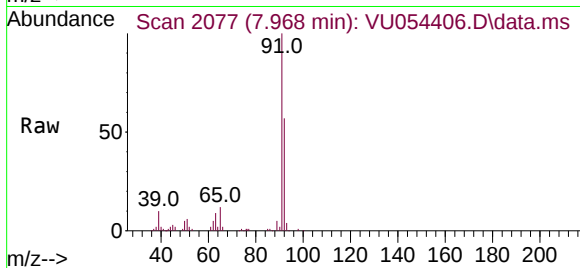
ClientSampleId :

Tgt Ion: 91 Resp: 97930

Ion Ratio Lower Upper

91 100

92 56.8 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 0.855 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU054406.D

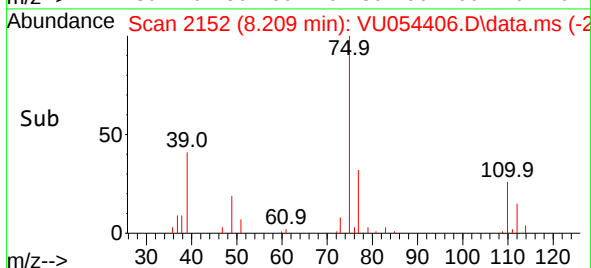
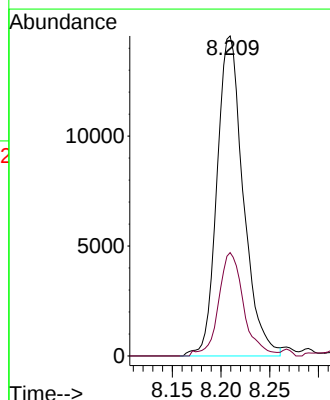
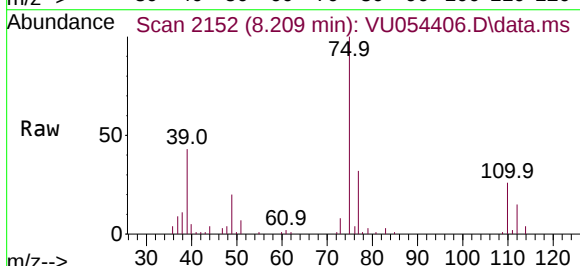
Acq: 07 Jun 2023 12:05

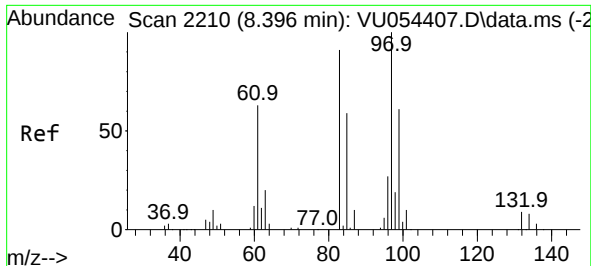
Tgt Ion: 75 Resp: 27381

Ion Ratio Lower Upper

75 100

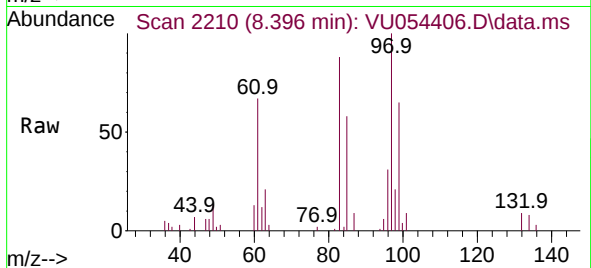
77 32.3 21.3 39.6



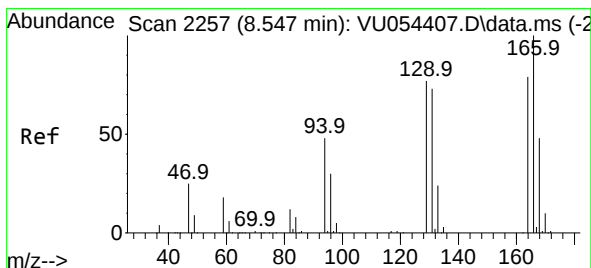
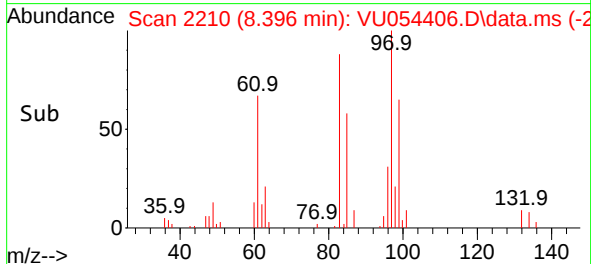
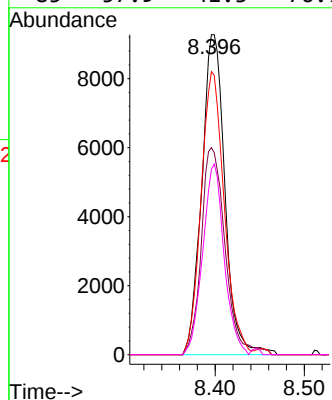


#45
1,1,2-Trichloroethane
Concen: 0.910 ug/L
RT: 8.396 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054406.D
Acq: 07 Jun 2023 12:05

Instrument :
MSVOA_U
ClientSampleId :

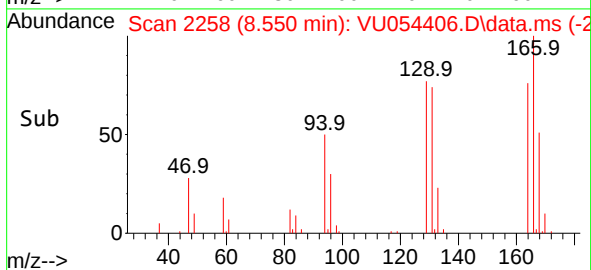
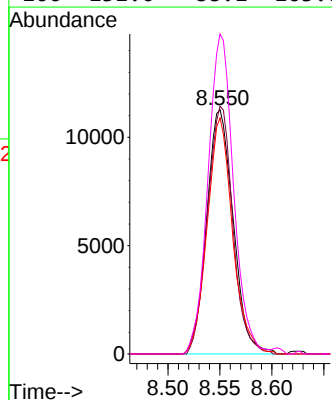
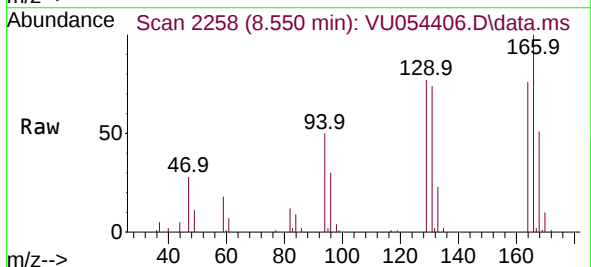


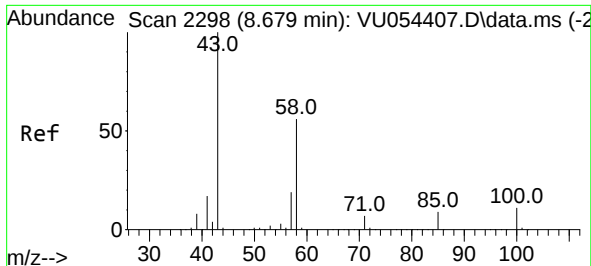
Tgt Ion:	97	Resp:	16733
Ion	Ratio	Lower	Upper
97	100		
99	64.7	43.0	80.0
83	88.4	63.8	118.6
85	57.9	41.3	76.7



#47
Tetrachloroethene
Concen: 0.927 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU054406.D
Acq: 07 Jun 2023 12:05

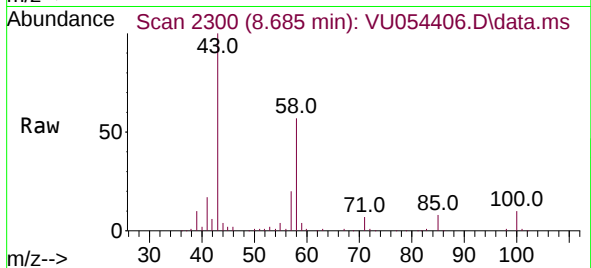
Tgt Ion:	164	Resp:	20068
Ion	Ratio	Lower	Upper
164	100		
129	101.5	67.7	125.7
131	96.6	64.6	120.0
166	131.0	88.1	163.7



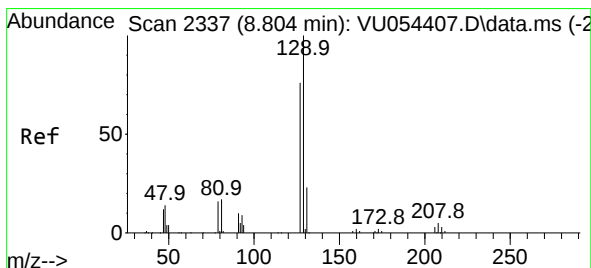
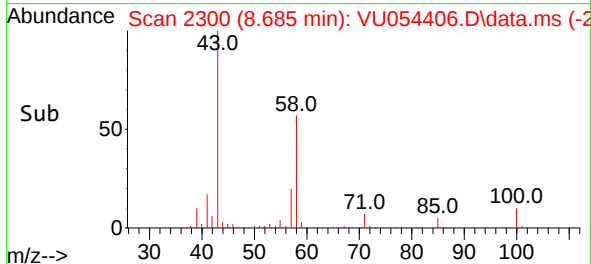
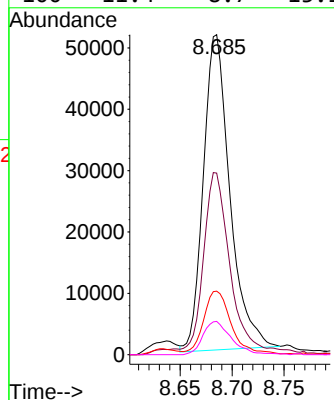


#48
2-Hexanone
Concen: 7.931 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU054406.D
Acq: 07 Jun 2023 12:05

Instrument :
MSVOA_U
ClientSampleId :

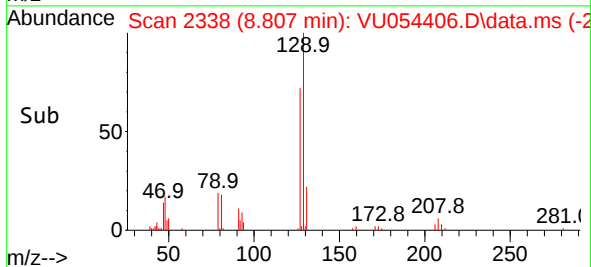
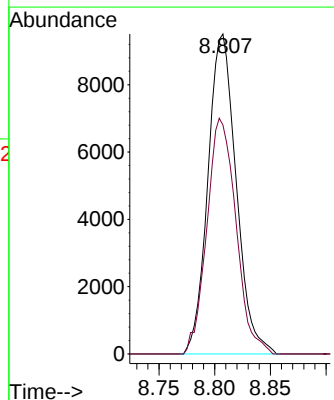
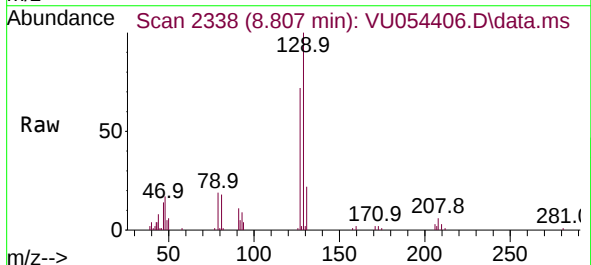


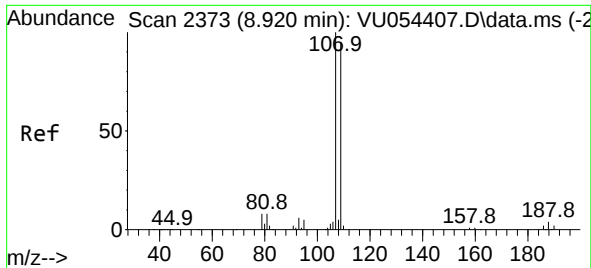
Tgt Ion: 43 Resp: 91197
Ion Ratio Lower Upper
43 100
58 60.9 45.2 67.8
57 20.5 15.8 23.6
100 11.4 8.7 13.1



#49
Dibromochloromethane
Concen: 0.869 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. 0.003 min
Lab File: VU054406.D
Acq: 07 Jun 2023 12:05

Tgt Ion: 129 Resp: 16794
Ion Ratio Lower Upper
129 100
127 71.6 53.2 98.8

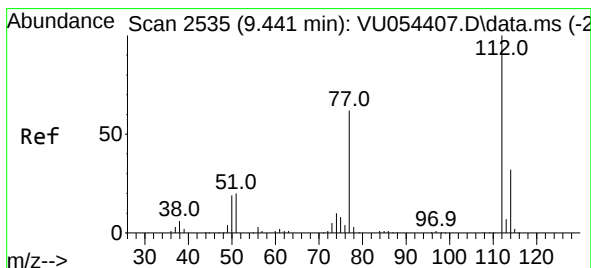
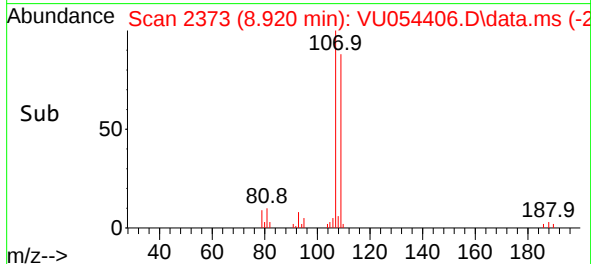
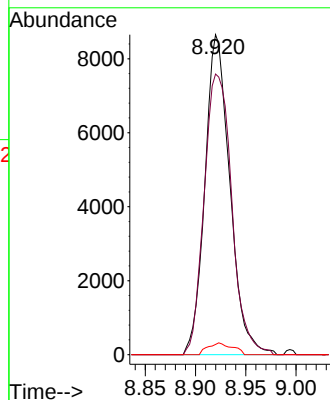
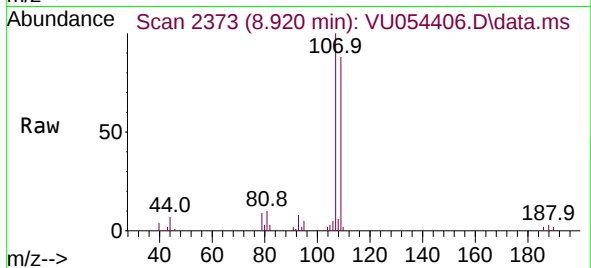




#50
1,2-Dibromoethane
Concen: 0.884 ug/L
RT: 8.920 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054406.D
Acq: 07 Jun 2023 12:05

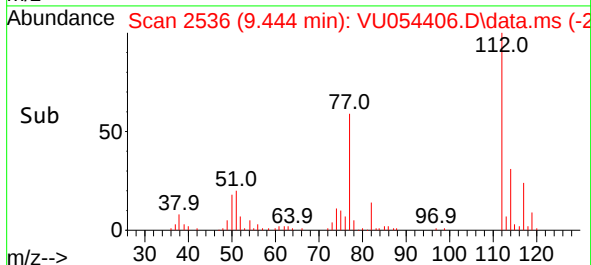
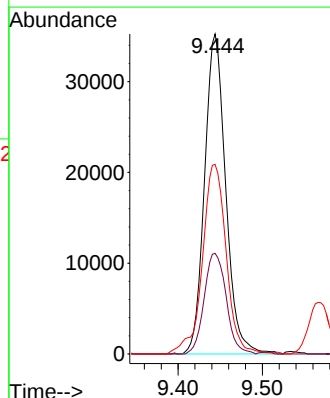
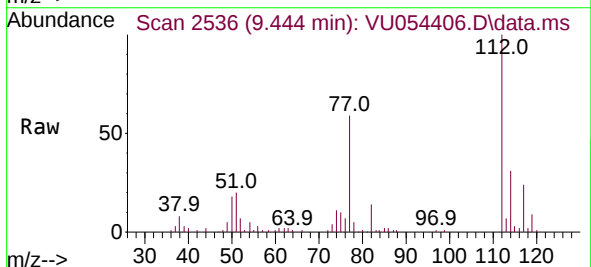
Instrument :
MSVOA_U
ClientSampleId :

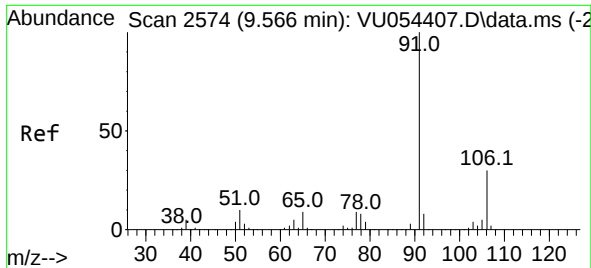
Tgt Ion:107 Resp: 14929
Ion Ratio Lower Upper
107 100
109 87.7 66.6 123.6
188 3.2 3.1 4.7



#51
Chlorobenzene
Concen: 0.898 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU054406.D
Acq: 07 Jun 2023 12:05

Tgt Ion:112 Resp: 61658
Ion Ratio Lower Upper
112 100
114 31.4 22.7 42.1
77 59.2 49.8 74.8

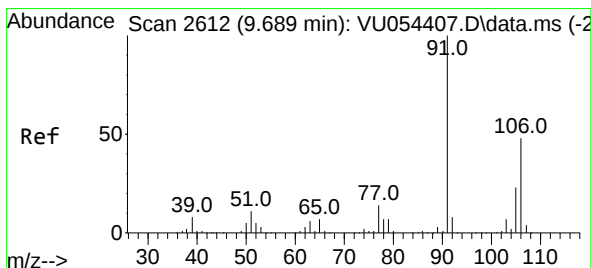
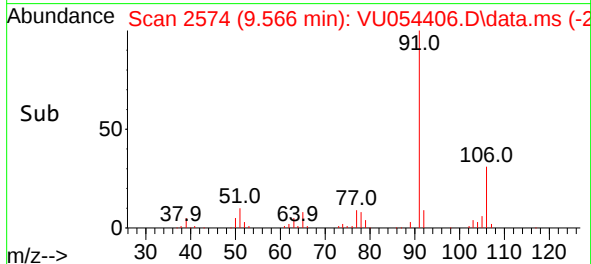
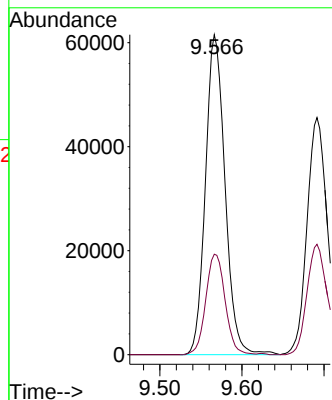
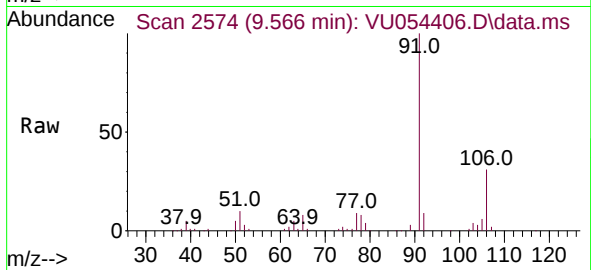




#52
Ethylbenzene
Concen: 0.850 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054406.D
Acq: 07 Jun 2023 12:05

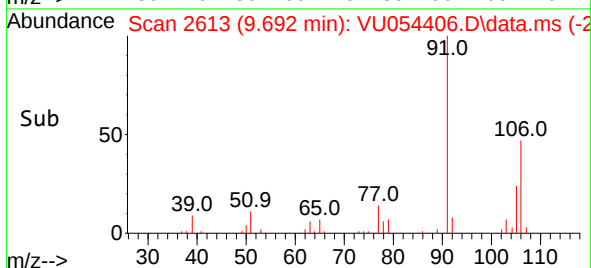
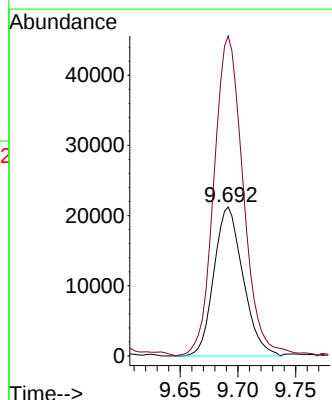
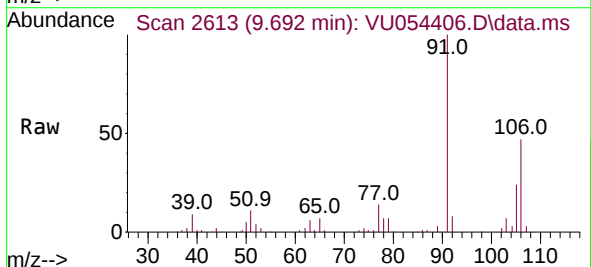
Instrument :
MSVOA_U
ClientSampleId :

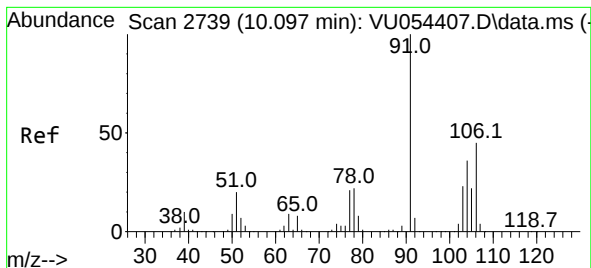
Tgt Ion: 91 Resp: 102234
Ion Ratio Lower Upper
91 100
106 31.4 21.1 39.3



#53
m,p-Xylene
Concen: 0.842 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU054406.D
Acq: 07 Jun 2023 12:05

Tgt Ion:106 Resp: 37186
Ion Ratio Lower Upper
106 100
91 214.8 147.0 273.0





#54

o-Xylene

Concen: 0.873 ug/L

RT: 10.097 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU054406.D

Acq: 07 Jun 2023 12:05

Instrument :

MSVOA_U

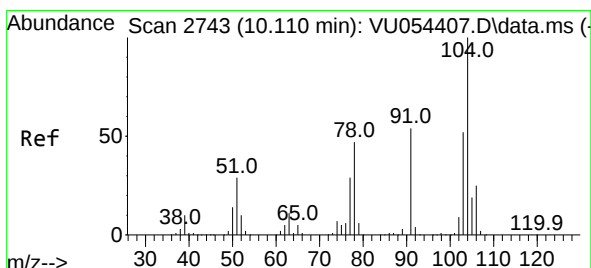
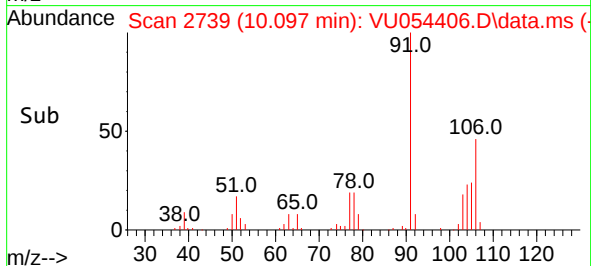
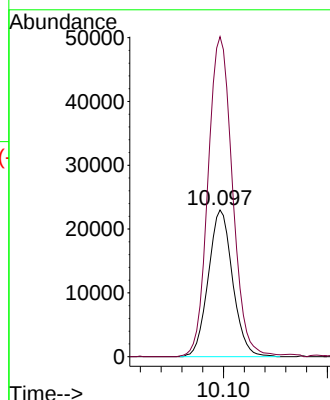
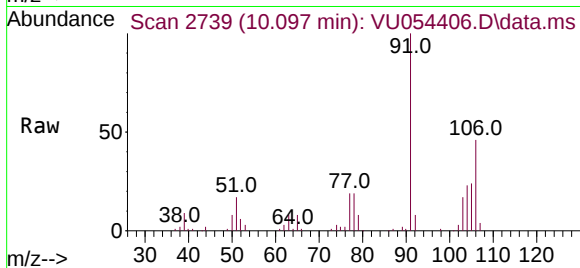
ClientSampleId :

Tgt Ion:106 Resp: 37327

Ion Ratio Lower Upper

106 100

91 218.1 154.5 286.9



#55

Styrene

Concen: 0.798 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. 0.003 min

Lab File: VU054406.D

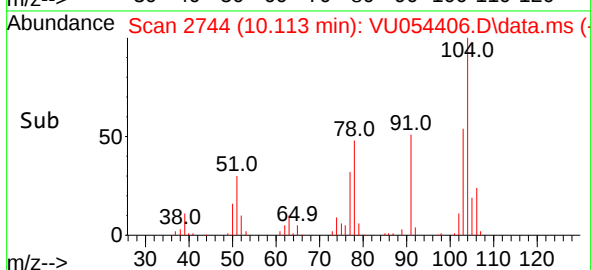
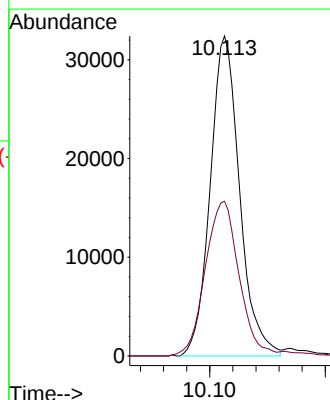
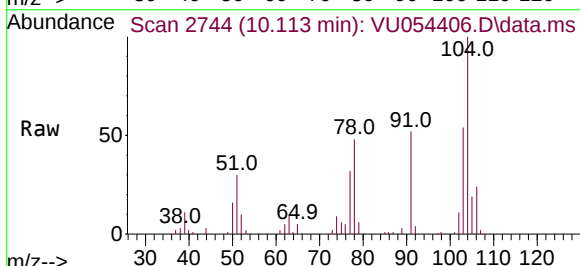
Acq: 07 Jun 2023 12:05

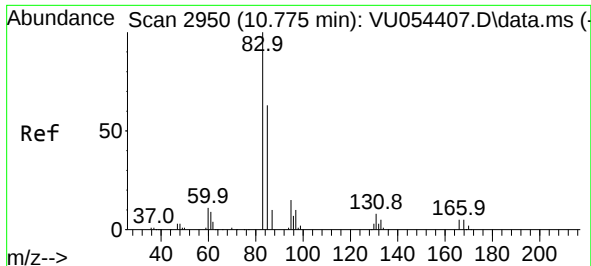
Tgt Ion:104 Resp: 57218

Ion Ratio Lower Upper

104 100

78 48.3 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 0.898 ug/L

RT: 10.778 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VU054406.D

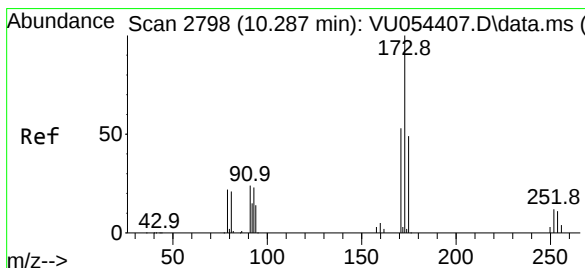
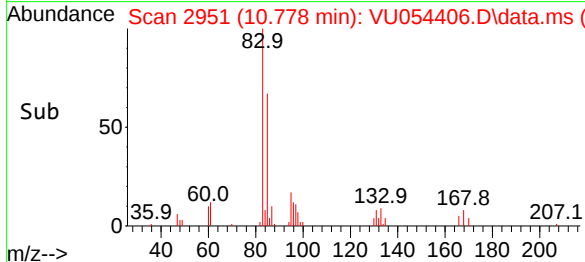
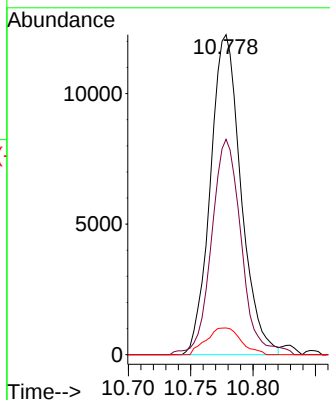
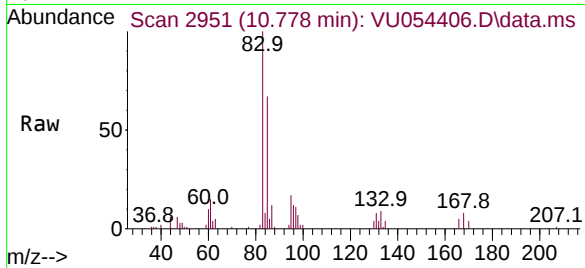
Acq: 07 Jun 2023 12:05

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	20995
Ion Ratio	Lower	Upper	
83	100		
85	67.3	44.2	82.2
131	8.4	7.0	10.6



#59

Bromoform

Concen: 0.943 ug/L

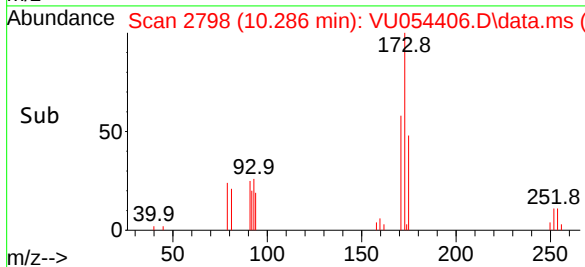
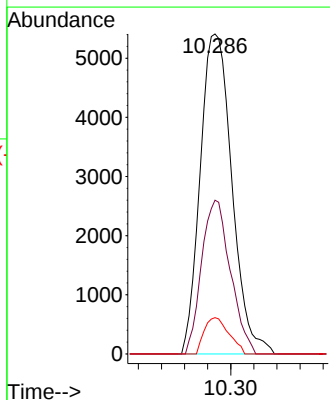
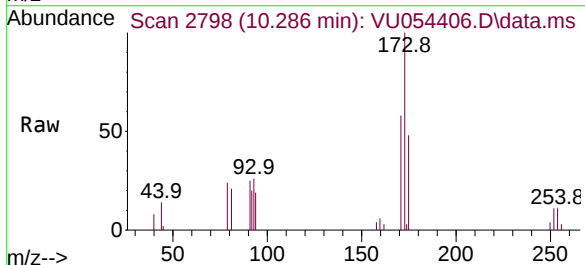
RT: 10.286 min Scan# 2798

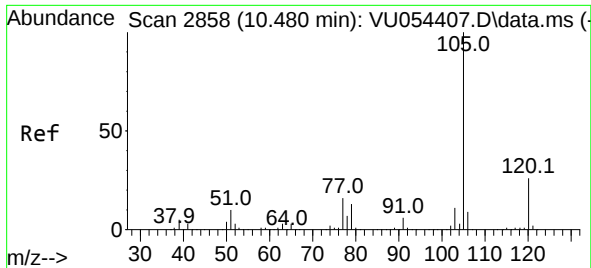
Delta R.T. -0.000 min

Lab File: VU054406.D

Acq: 07 Jun 2023 12:05

Tgt Ion:	173	Resp:	10317
Ion Ratio	Lower	Upper	
173	100		
175	43.6	39.4	59.0
254	8.8	8.6	12.8

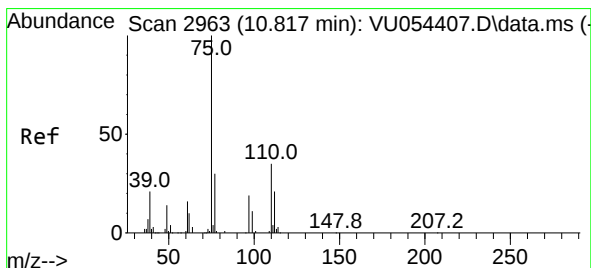
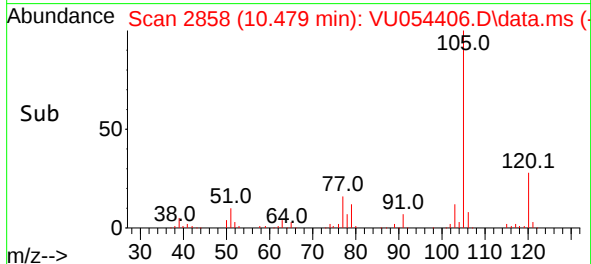
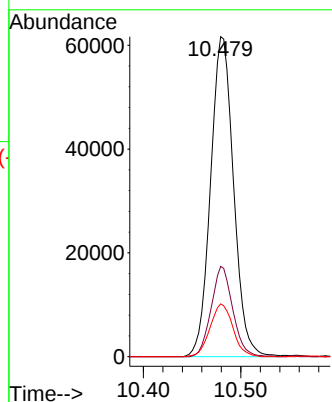
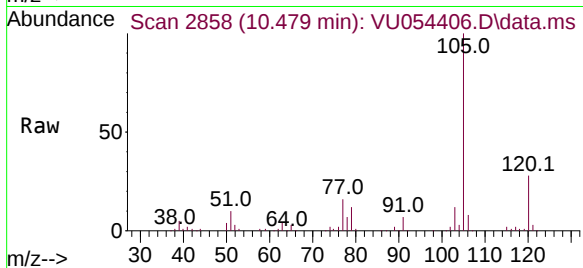




#60
Isopropylbenzene
Concen: 0.907 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU054406.D
Acq: 07 Jun 2023 12:05

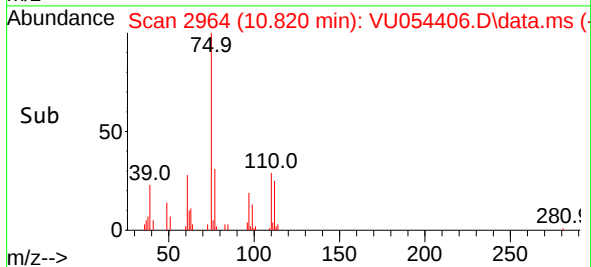
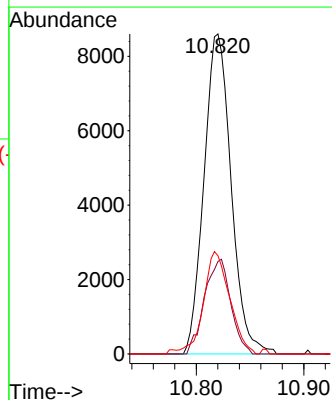
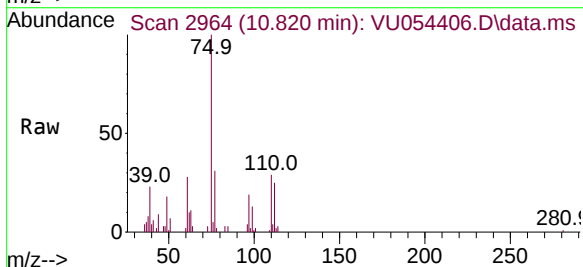
Instrument :
MSVOA_U
ClientSampleId :

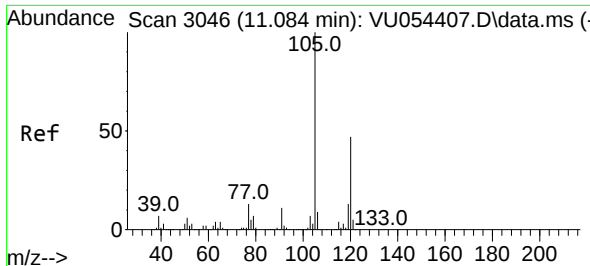
Tgt Ion:105 Resp: 101185
Ion Ratio Lower Upper
105 100
120 26.4 20.9 31.3
77 16.4 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 0.980 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.003 min
Lab File: VU054406.D
Acq: 07 Jun 2023 12:05

Tgt Ion: 75 Resp: 15101
Ion Ratio Lower Upper
75 100
110 28.5 28.0 42.0
77 31.1 25.4 38.2

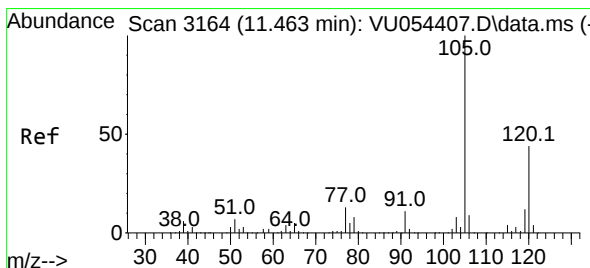
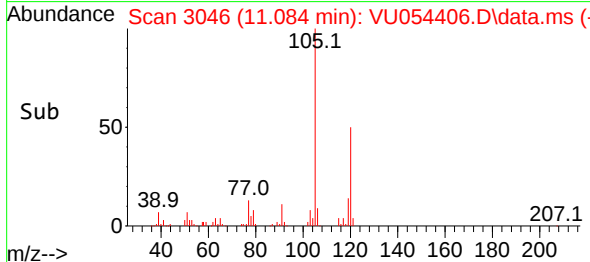
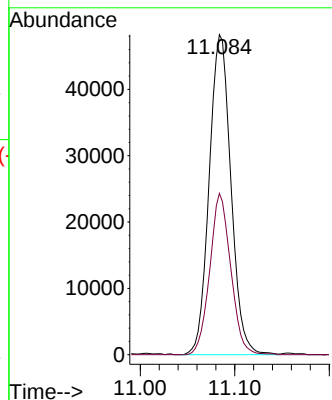
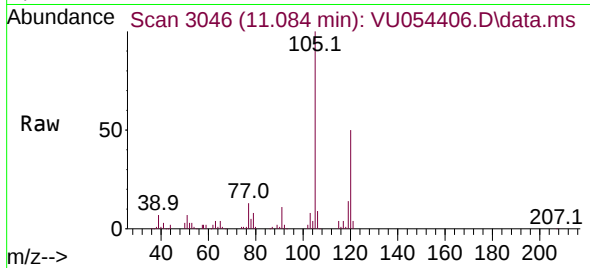




#62
 1,3,5-Trimethylbenzene
 Concen: 0.846 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. -0.000 min
 Lab File: VU054406.D
 Acq: 07 Jun 2023 12:05

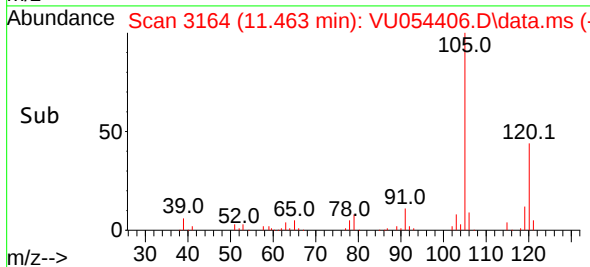
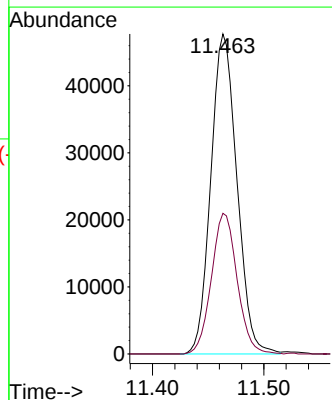
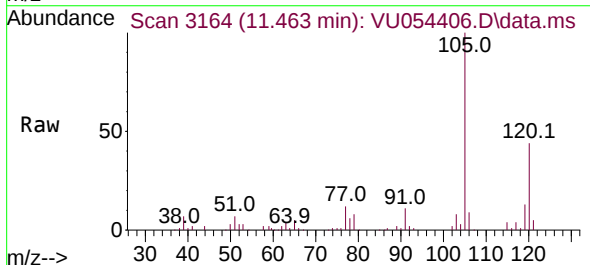
Instrument :
 MSVOA_U
 ClientSampleId :

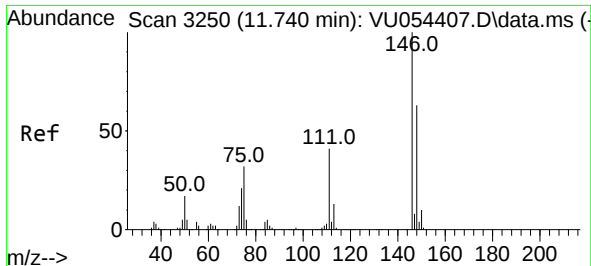
Tgt Ion:105 Resp: 77023
 Ion Ratio Lower Upper
 105 100
 120 48.5 37.9 56.9



#63
 1,2,4-Trimethylbenzene
 Concen: 0.841 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. -0.000 min
 Lab File: VU054406.D
 Acq: 07 Jun 2023 12:05

Tgt Ion:105 Resp: 77714
 Ion Ratio Lower Upper
 105 100
 120 43.3 35.4 53.0

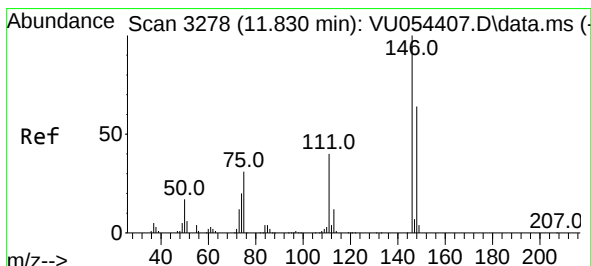
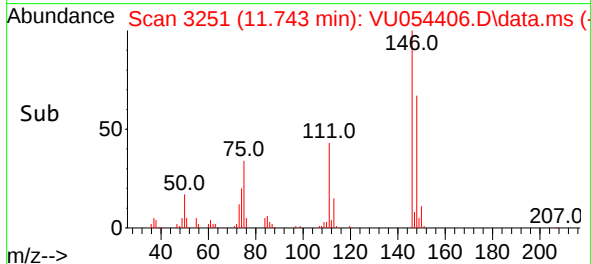
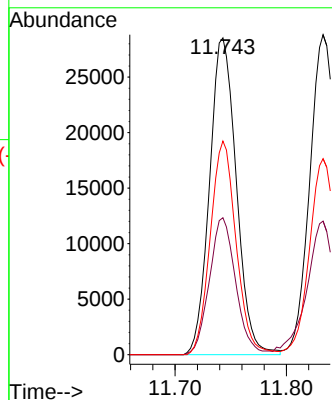
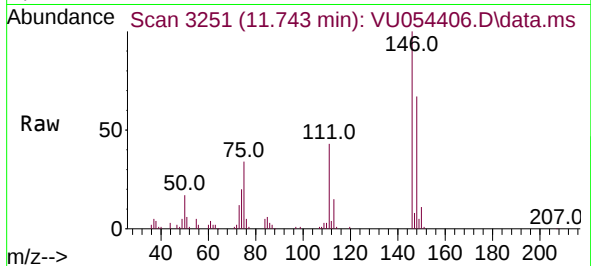




#64
1,3-Dichlorobenzene
Concen: 0.914 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU054406.D
Acq: 07 Jun 2023 12:05

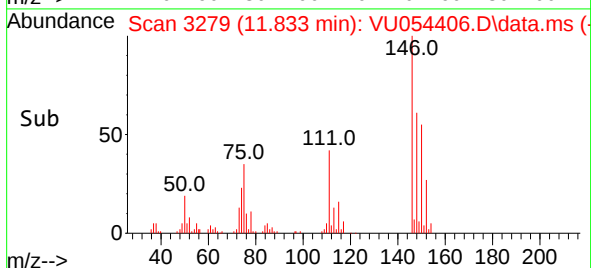
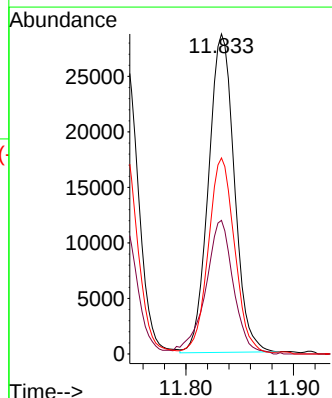
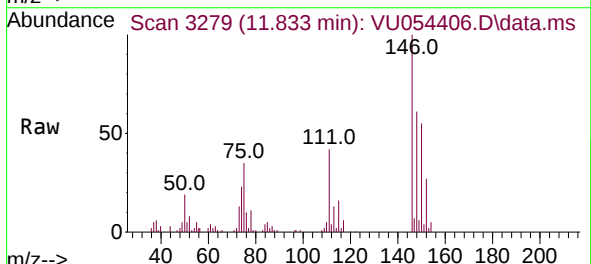
Instrument :
MSVOA_U
ClientSampleId :

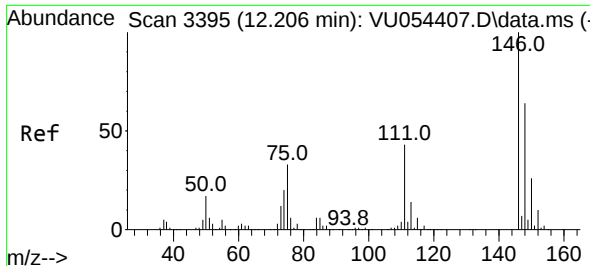
Tgt Ion:146 Resp: 47660
Ion Ratio Lower Upper
146 100
111 43.3 28.9 53.7
148 67.4 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 0.917 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU054406.D
Acq: 07 Jun 2023 12:05

Tgt Ion:146 Resp: 47971
Ion Ratio Lower Upper
146 100
111 41.7 28.0 52.0
148 61.3 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 0.920 ug/L

RT: 12.209 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU054406.D

Acq: 07 Jun 2023 12:05

Instrument :

MSVOA_U

ClientSampleId :

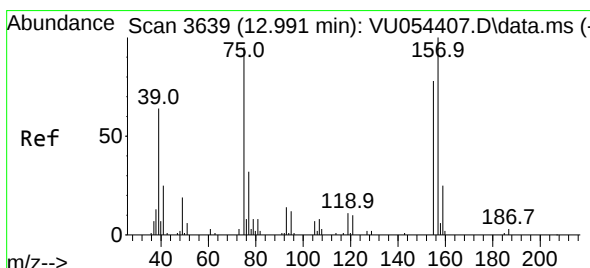
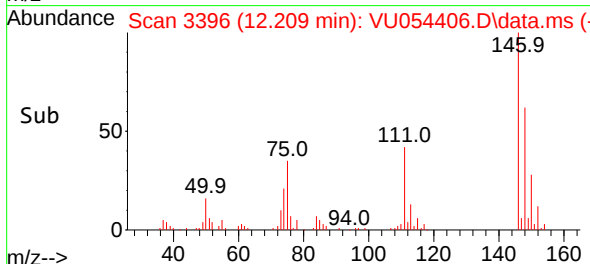
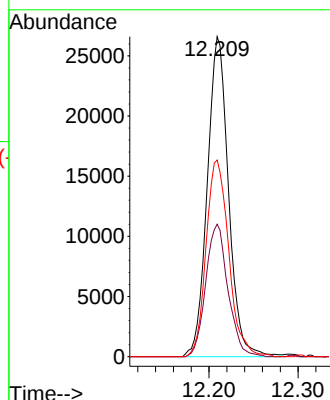
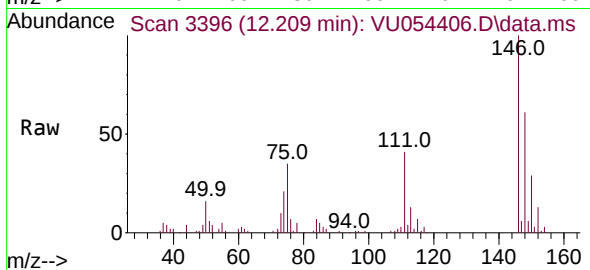
Tgt Ion:146 Resp: 44096

Ion Ratio Lower Upper

146 100

111 41.4 34.5 51.7

148 61.5 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 0.965 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU054406.D

Acq: 07 Jun 2023 12:05

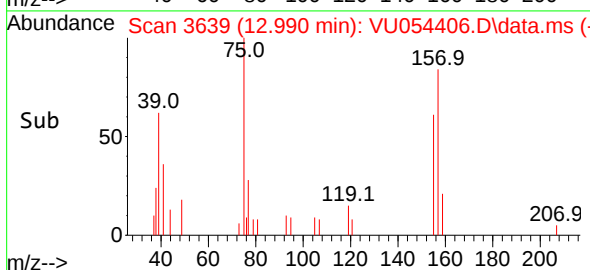
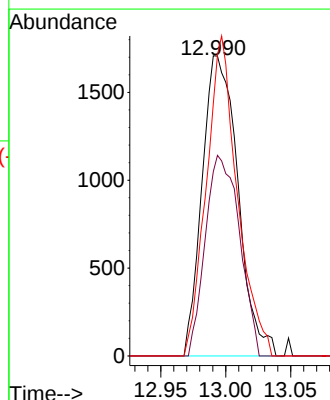
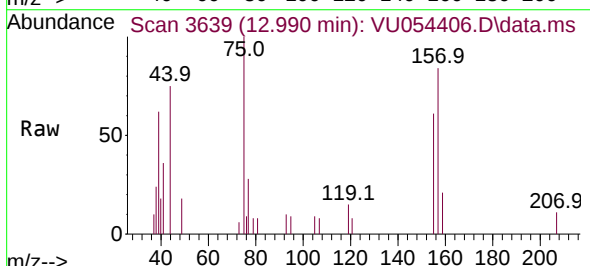
Tgt Ion: 75 Resp: 3267

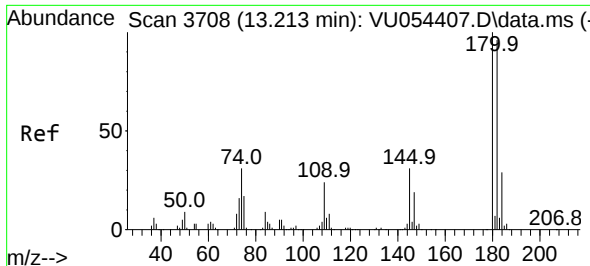
Ion Ratio Lower Upper

75 100

155 61.4 65.7 98.5#

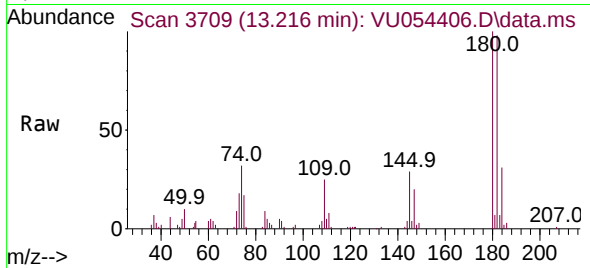
157 84.1 84.2 126.2#



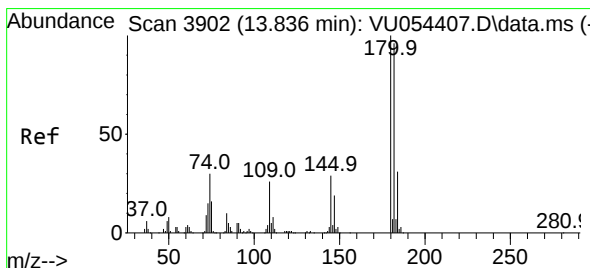
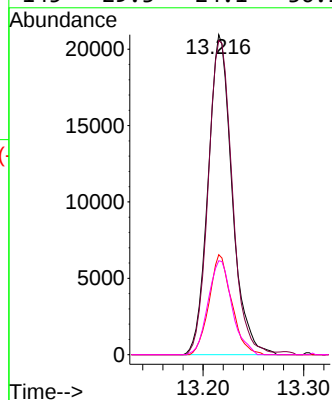
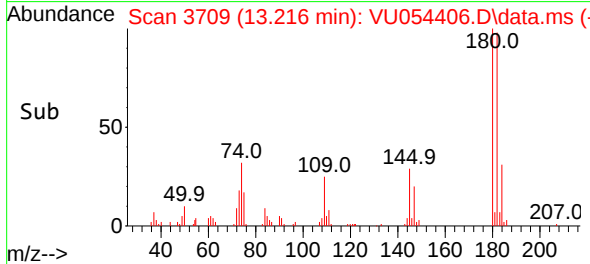


#69
1,3,5-Trichlorobenzene
Concen: 0.881 ug/L
RT: 13.216 min Scan# 3709
Delta R.T. 0.003 min
Lab File: VU054406.D
Acq: 07 Jun 2023 12:05

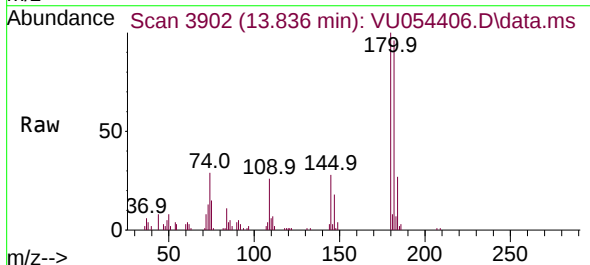
Instrument :
MSVOA_U
ClientSampleId :



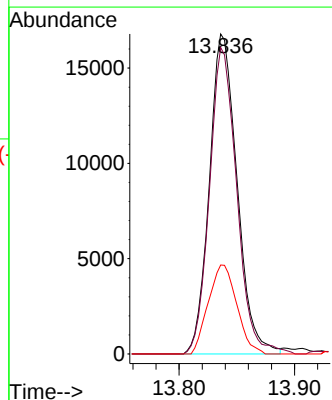
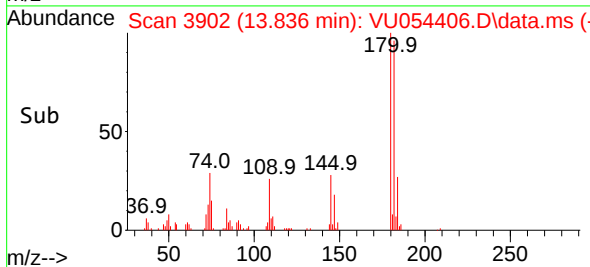
Tgt Ion:180 Resp: 34657
Ion Ratio Lower Upper
180 100
182 98.6 75.0 112.6
184 29.4 24.1 36.1
145 29.3 24.1 36.1

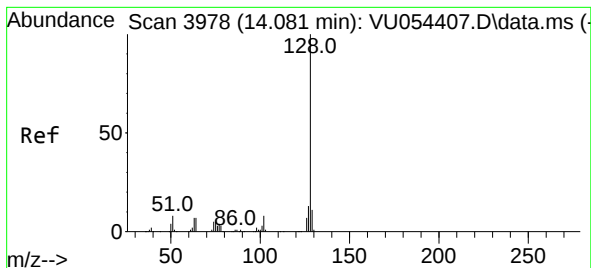


#70
1,2,4-trichlorobenzene
Concen: 0.861 ug/L
RT: 13.836 min Scan# 3902
Delta R.T. -0.000 min
Lab File: VU054406.D
Acq: 07 Jun 2023 12:05



Tgt Ion:180 Resp: 27994
Ion Ratio Lower Upper
180 100
182 94.0 76.6 114.8
145 28.5 24.0 36.0





#71

Naphthalene

Concen: 0.813 ug/L

RT: 14.087 min Scan# 3978

Delta R.T. 0.006 min

Lab File: VU054406.D

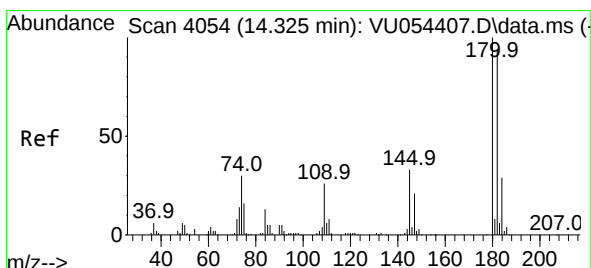
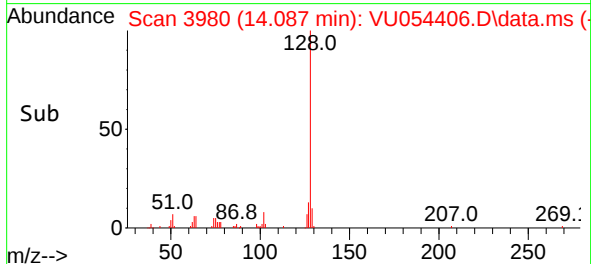
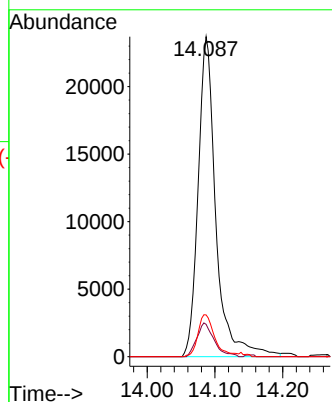
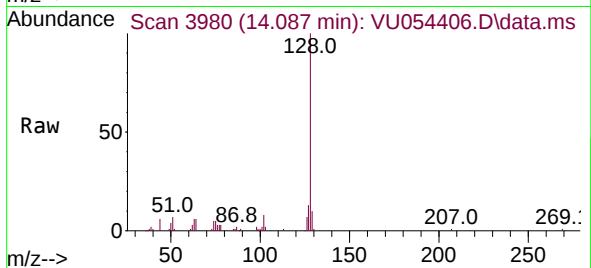
Acq: 07 Jun 2023 12:05

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	43015
Ion Ratio	Lower	Upper
128	100	
129	10.2	8.6 12.8
127	12.4	10.6 15.8



#72

1,2,3-Trichlorobenzene

Concen: 0.838 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU054406.D

Acq: 07 Jun 2023 12:05

Tgt Ion:180	Resp:	23428
Ion Ratio	Lower	Upper
180	100	
182	94.9	75.4 113.2
145	33.4	26.0 39.0

