

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051424\
 Data File : VU058876.D
 Acq On : 14 May 2024 10:19
 Operator : MD/SY
 Sample : VSTD001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 15 00:27:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 15 00:25:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	159684	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	163188	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	78852	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	9300	0.948	ug/L	0.00
7) Chloroethane-d5	1.911	69	7929	0.906	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	3748	0.965	ug/L	0.00
20) 2-Butanone-d5	4.653	46	8174	3.359	ug/L	0.02
24) Chloroform-d	5.058	84	18335	0.942	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.701	65	9611	1.001	ug/L	0.00
32) Benzene-d6	5.724	84	33959	0.882	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	11619	0.935	ug/L	0.00
41) Toluene-d8	7.894	98	30171	0.884	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.180	79	3551	0.789	ug/L	0.00
46) 2-Hexanone-d5	8.634	63	14795	6.982	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	9282	0.863	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	10397	0.875	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	12958	1.192	ug/L	98
3) Chloromethane	1.518	50	15014	1.175	ug/L	98
5) Vinyl chloride	1.602	62	16205	1.179	ug/L	96
6) Bromomethane	1.856	94	9919	1.159	ug/L	99
8) Chloroethane	1.933	64	10018	1.163	ug/L	94
9) Trichlorofluoromethane	2.136	101	20816	1.208	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	12130	1.178	ug/L	99
12) 1,1-Dichloroethene	2.579	96	10948	1.169	ug/L	84
13) Acetone	2.660	43	18444	10.983	ug/L	92
14) Carbon disulfide	2.792	76	34713	1.160	ug/L	99
15) Methyl Acetate	2.965	43	4788	1.133	ug/L #	84
16) Methylene chloride	3.042	84	15001	1.103	ug/L	94
17) Methyl tert-butyl Ether	3.357	73	26157	1.049	ug/L	99
18) trans-1,2-Dichloroethene	3.354	96	11015	1.093	ug/L	93
19) 1,1-Dichloroethane	3.862	63	24078	1.159	ug/L	95
21) 2-Butanone	4.727	43	24754	9.230	ug/L #	70
22) cis-1,2-Dichloroethene	4.663	96	12596	1.069	ug/L	93
23) Bromochloromethane	4.975	128	5793	1.144	ug/L	88
25) Chloroform	5.081	83	25751	1.215	ug/L	94
27) 1,2-Dichloroethane	5.791	62	14827	1.129	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	18812	1.088	ug/L	98
30) Cyclohexane	5.383	56	16467	0.993	ug/L	97
31) Carbon tetrachloride	5.521	117	16132	1.120	ug/L	96
33) Benzene	5.772	78	48029	1.032	ug/L	100
34) Trichloroethene	6.541	95	12872	1.052	ug/L	96
35) Methylcyclohexane	6.759	83	17621	1.015	ug/L	99
37) 1,2-Dichloropropane	6.788	63	13941	1.056	ug/L	99
38) Bromodichloromethane	7.103	83	16849	1.084	ug/L #	96
39) cis-1,3-Dichloropropene	7.605	75	18142	1.011	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	67368	9.533	ug/L	98
42) Toluene	7.965	91	49800	1.016	ug/L	97
44) trans-1,3-Dichloropropene	8.209	75	14305	0.959	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051424\
 Data File : VU058876.D
 Acq On : 14 May 2024 10:19
 Operator : MD/SY
 Sample : VSTD001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

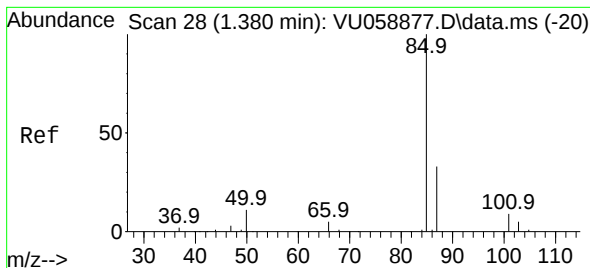
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 15 00:27:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 15 00:25:35 2024
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	8.396	97	10031	1.116	ug/L	94
47) Tetrachloroethene	8.550	164	9201	1.085	ug/L	95
48) 2-Hexanone	8.685	43	45288	8.675	ug/L	99
49) Dibromochloromethane	8.804	129	10163	1.038	ug/L	97
50) 1,2-Dibromoethane	8.920	107	8437	0.992	ug/L #	93
51) Chlorobenzene	9.444	112	33110	1.070	ug/L	99
52) Ethylbenzene	9.566	91	52886	0.997	ug/L	96
53) m,p-Xylene	9.692	106	18867	0.954	ug/L	98
54) o-Xylene	10.097	106	18276	0.961	ug/L	95
55) Styrene	10.113	104	29725	0.908	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	12751	1.104	ug/L	93
59) Bromoform	10.286	173	5860	1.059	ug/L	97
60) Isopropylbenzene	10.479	105	50024	1.033	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	8751	1.154	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	37209	0.950	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	36382	0.929	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	25543	1.086	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	24905	1.036	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	24354	1.084	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	1665	1.035	ug/L	91
69) 1,3,5-Trichlorobenzene	13.216	180	19154	1.082	ug/L	99
70) 1,2,4-trichlorobenzene	13.839	180	14403	0.928	ug/L	99
71) Naphthalene	14.090	128	19361	0.754	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	13199	0.949	ug/L	97

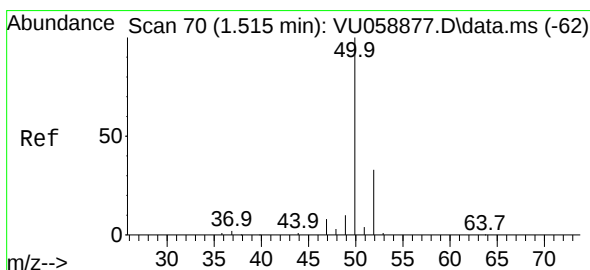
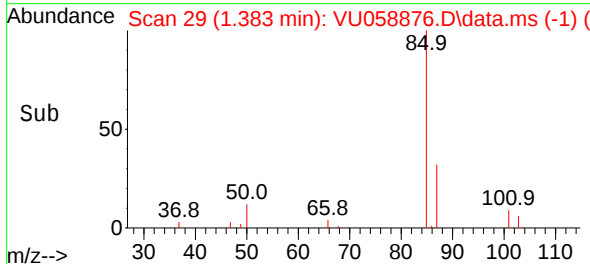
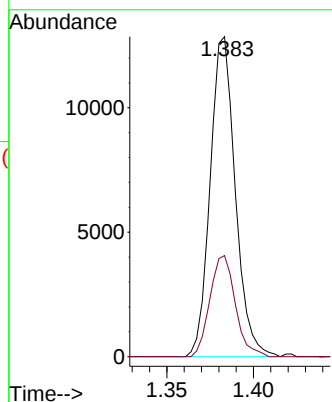
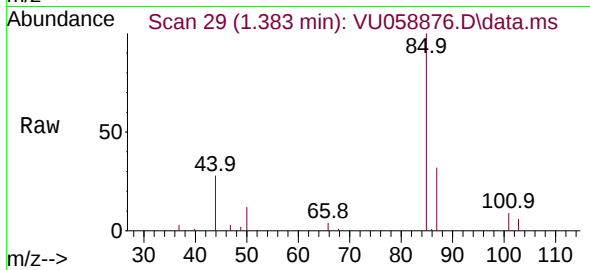
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 1.192 ug/L
RT: 1.383 min Scan# 20
Delta R.T. 0.003 min
Lab File: VU058876.D
Acq: 14 May 2024 10:19

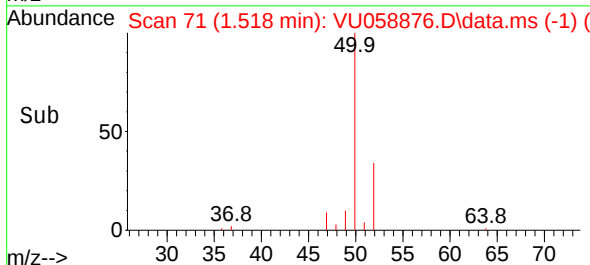
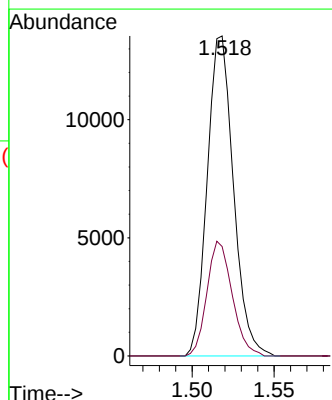
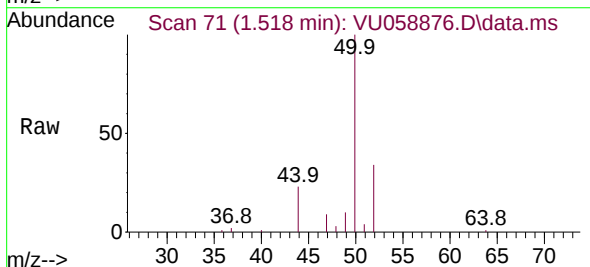
Instrument :
MSVOA_U
ClientSampleId :

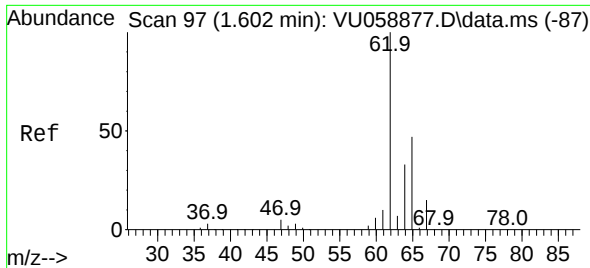
Tgt Ion: 85 Resp: 12958
Ion Ratio Lower Upper
85 100
87 32.0 26.6 40.0



#3
Chloromethane
Concen: 1.175 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU058876.D
Acq: 14 May 2024 10:19

Tgt Ion: 50 Resp: 15014
Ion Ratio Lower Upper
50 100
52 34.2 23.2 43.0

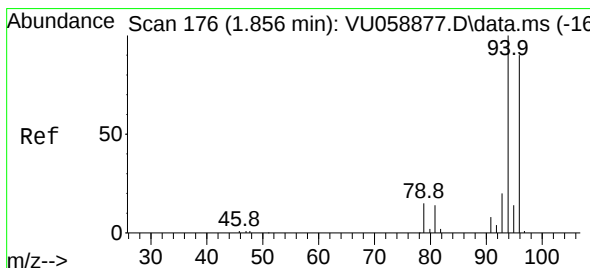
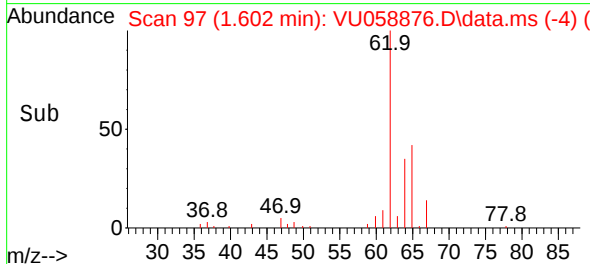
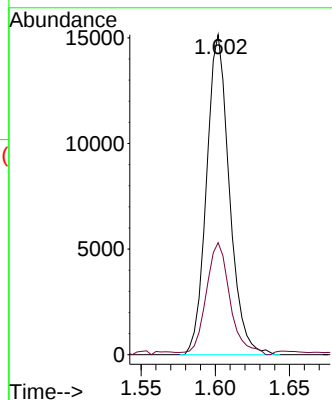
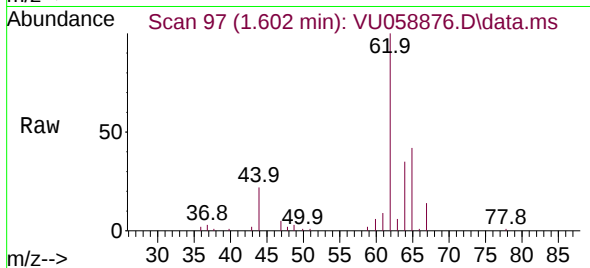




#5
 Vinyl chloride
 Concen: 1.179 ug/L
 RT: 1.602 min Scan# 97
 Delta R.T. 0.000 min
 Lab File: VU058876.D
 Acq: 14 May 2024 10:19

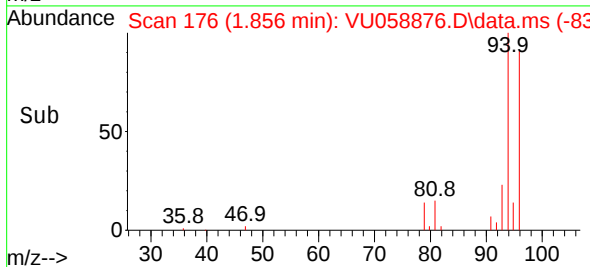
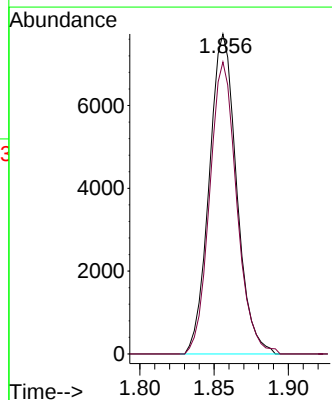
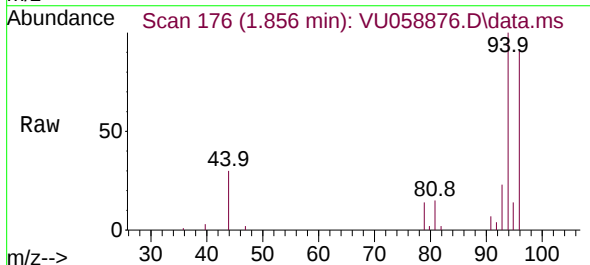
Instrument :
 MSVOA_U
 ClientSampleId :

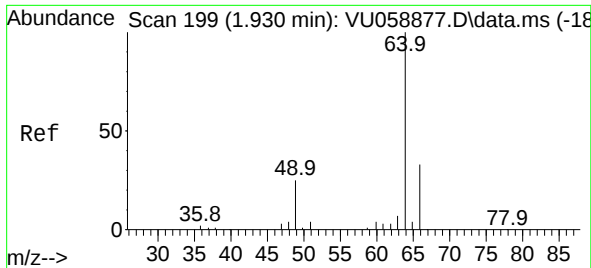
Tgt Ion: 62 Resp: 16205
 Ion Ratio Lower Upper
 62 100
 64 35.0 23.1 42.9



#6
 Bromomethane
 Concen: 1.159 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.000 min
 Lab File: VU058876.D
 Acq: 14 May 2024 10:19

Tgt Ion: 94 Resp: 9919
 Ion Ratio Lower Upper
 94 100
 96 91.3 62.9 116.9

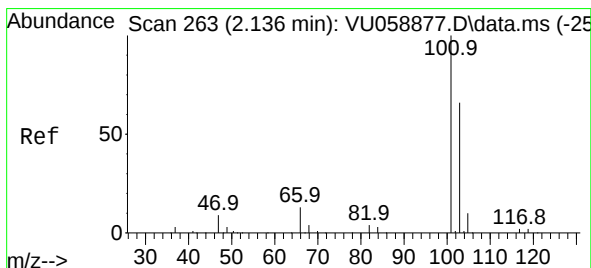
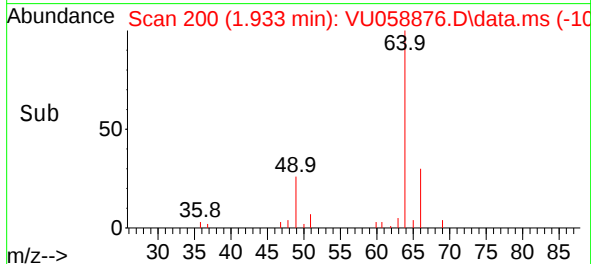
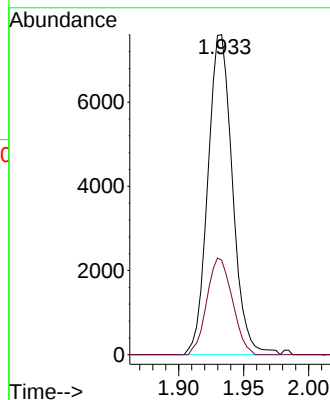
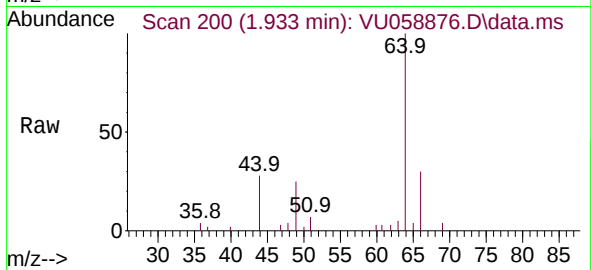




#8
Chloroethane
Concen: 1.163 ug/L
RT: 1.933 min Scan# 20
Delta R.T. 0.003 min
Lab File: VU058876.D
Acq: 14 May 2024 10:19

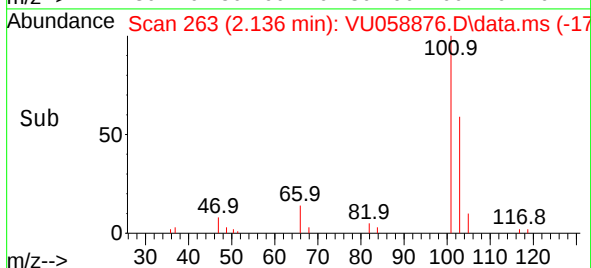
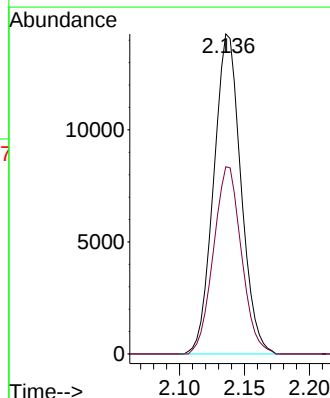
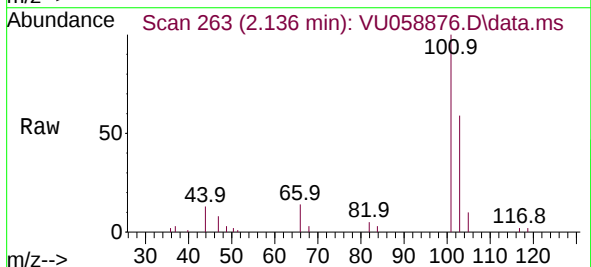
Instrument :
MSVOA_U
ClientSampleId :

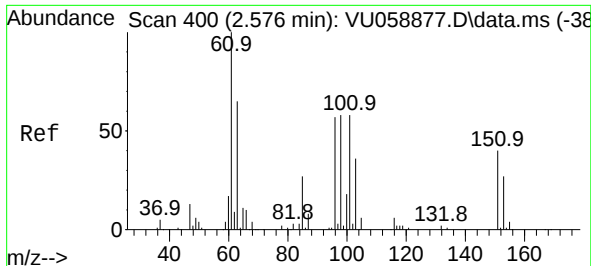
Tgt Ion: 64 Resp: 10018
Ion Ratio Lower Upper
64 100
66 29.6 23.2 43.2



#9
Trichlorofluoromethane
Concen: 1.208 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.000 min
Lab File: VU058876.D
Acq: 14 May 2024 10:19

Tgt Ion:101 Resp: 20816
Ion Ratio Lower Upper
101 100
103 60.1 52.6 79.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.178 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU058876.D

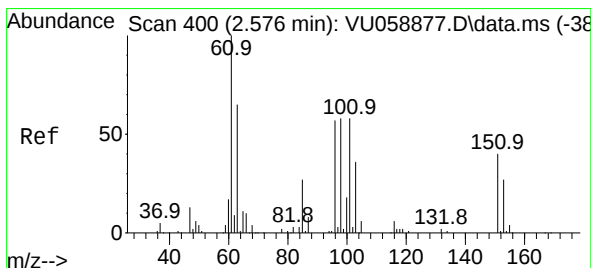
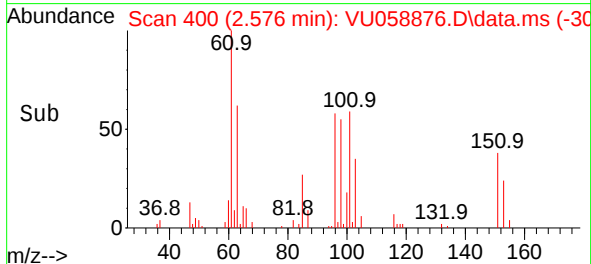
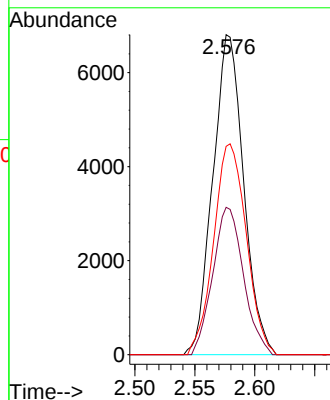
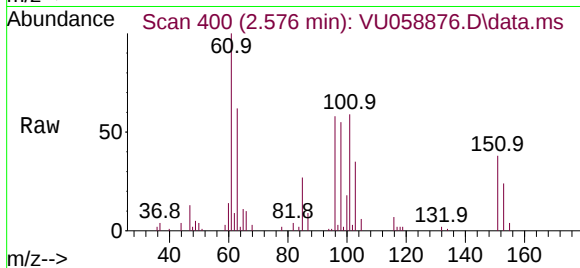
Acq: 14 May 2024 10:19

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	12130
Ion	Ratio	Lower	Upper
101	100		
85	46.0	36.2	54.4
151	70.0	55.5	83.3



#12

1,1-Dichloroethene

Concen: 1.169 ug/L

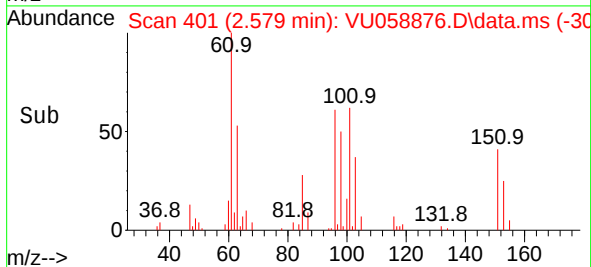
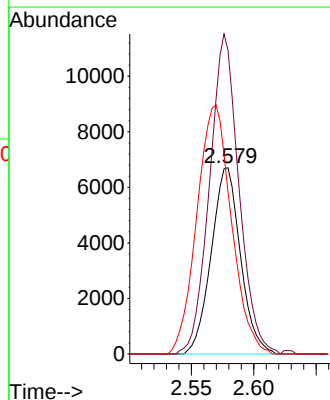
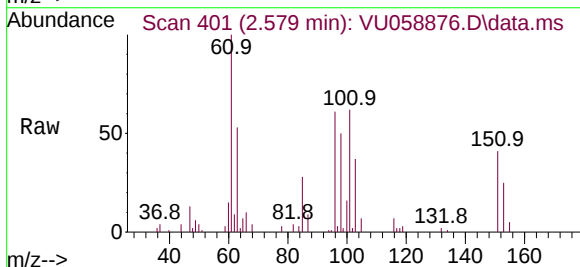
RT: 2.579 min Scan# 401

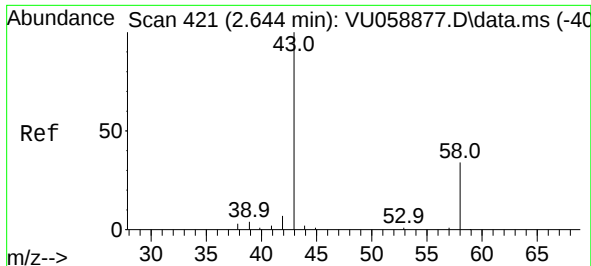
Delta R.T. 0.003 min

Lab File: VU058876.D

Acq: 14 May 2024 10:19

Tgt Ion:	96	Resp:	10948
Ion	Ratio	Lower	Upper
96	100		
61	163.0	122.9	228.3
63	86.8	80.4	149.4





#13

Acetone

Concen: 10.983 ug/L

RT: 2.660 min Scan# 41

Delta R.T. 0.016 min

Lab File: VU058876.D

Acq: 14 May 2024 10:19

Instrument :

MSVOA_U

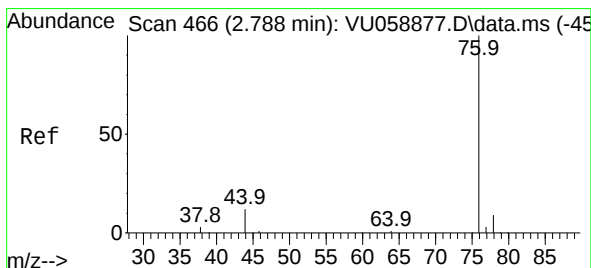
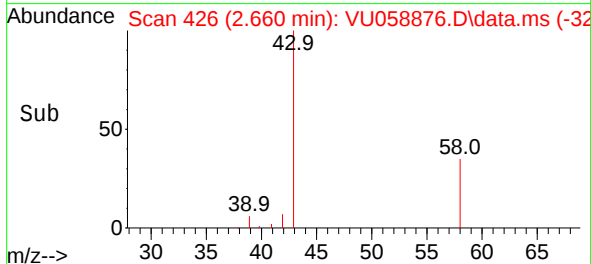
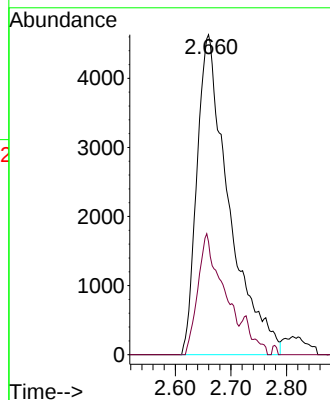
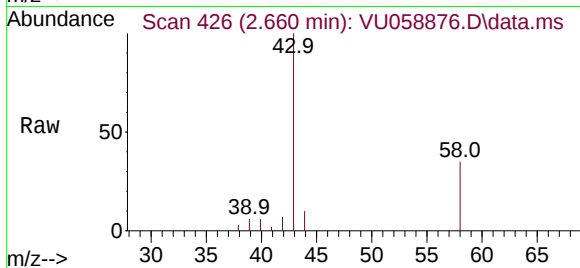
ClientSampleId :

Tgt Ion: 43 Resp: 18444

Ion Ratio Lower Upper

43 100

58 29.5 0.0 68.0



#14

Carbon disulfide

Concen: 1.160 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.003 min

Lab File: VU058876.D

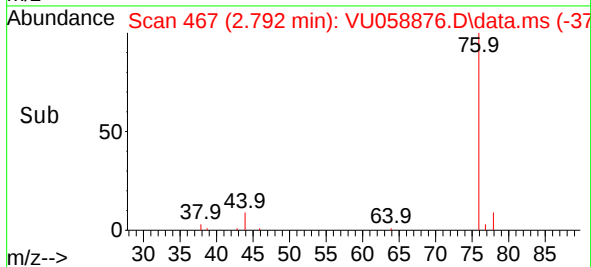
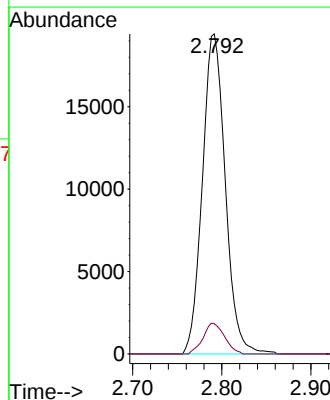
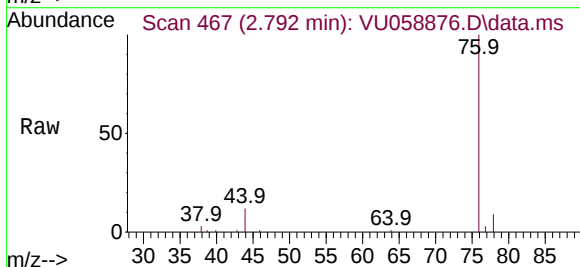
Acq: 14 May 2024 10:19

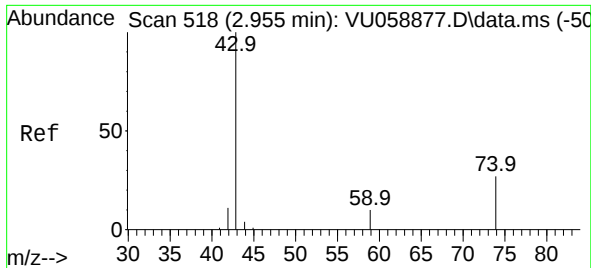
Tgt Ion: 76 Resp: 34713

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9





#15

Methyl Acetate

Concen: 1.133 ug/L

RT: 2.965 min Scan# 51

Delta R.T. 0.010 min

Lab File: VU058876.D

Acq: 14 May 2024 10:19

Instrument :

MSVOA_U

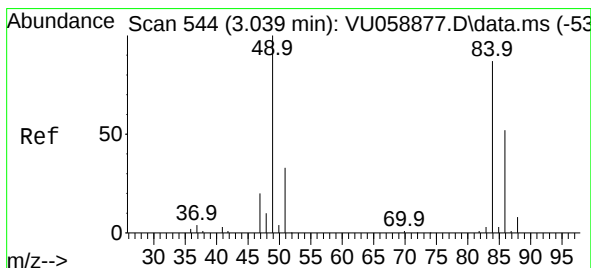
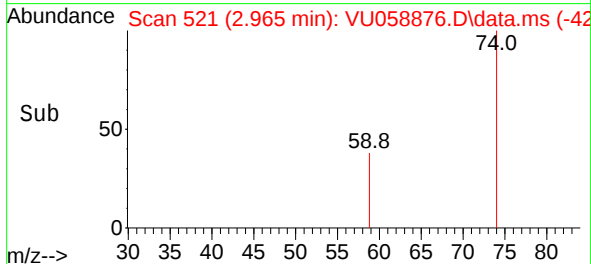
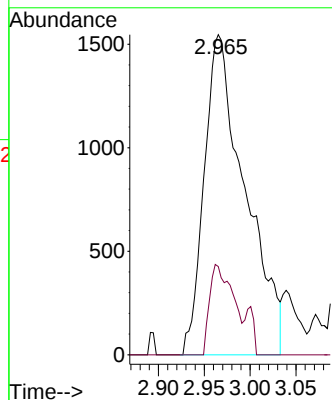
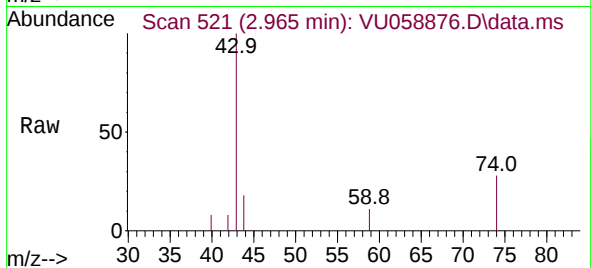
ClientSampleId :

Tgt Ion: 43 Resp: 4788

Ion Ratio Lower Upper

43 100

74 16.0 19.2 28.8#



#16

Methylene chloride

Concen: 1.103 ug/L

RT: 3.042 min Scan# 545

Delta R.T. 0.003 min

Lab File: VU058876.D

Acq: 14 May 2024 10:19

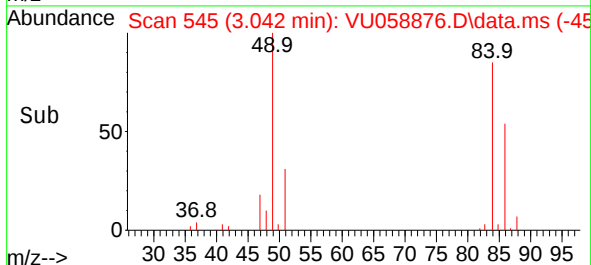
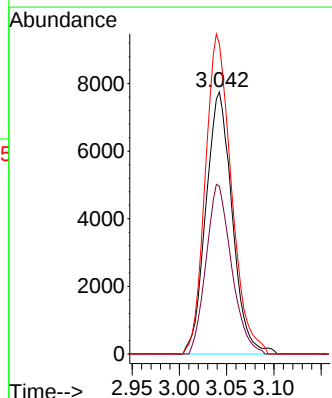
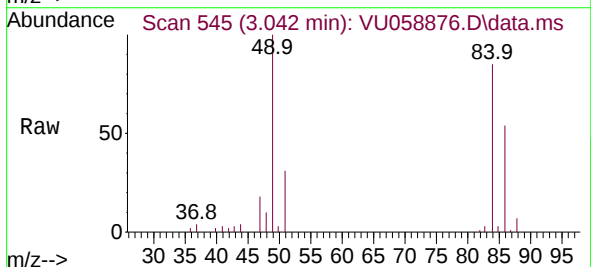
Tgt Ion: 84 Resp: 15001

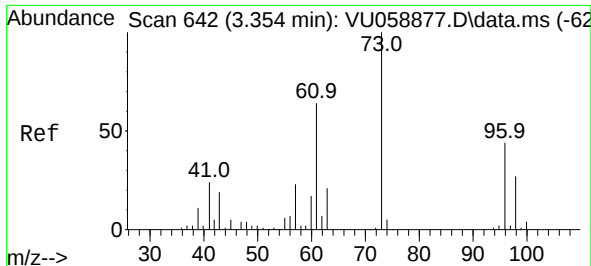
Ion Ratio Lower Upper

84 100

86 64.1 42.1 78.1

49 122.3 80.6 149.8

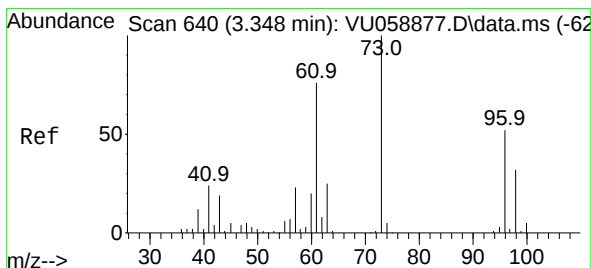
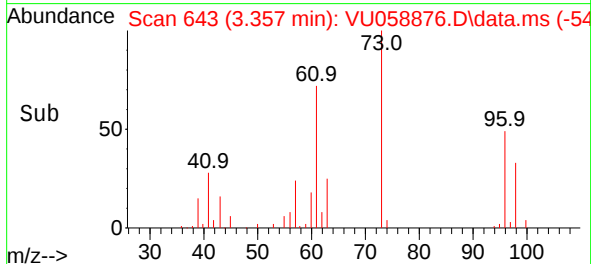
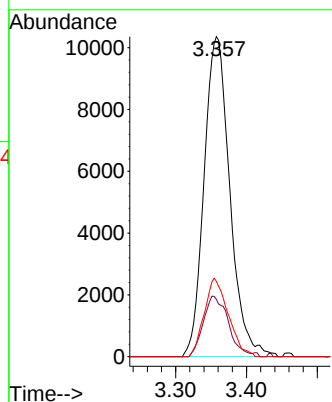
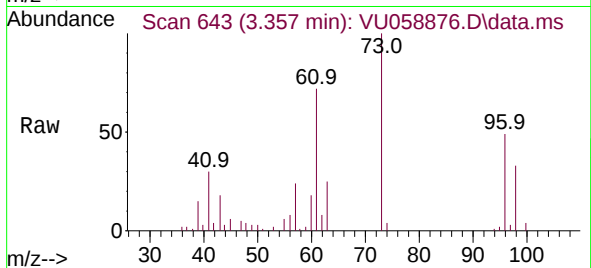




#17
Methyl tert-butyl Ether
Concen: 1.049 ug/L
RT: 3.357 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU058876.D
Acq: 14 May 2024 10:19

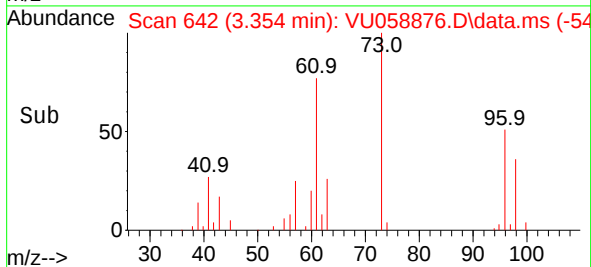
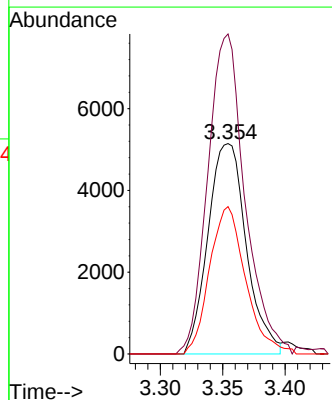
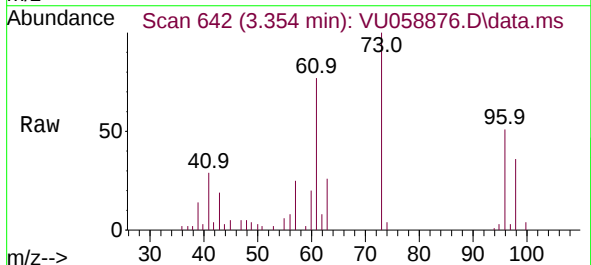
Instrument :
MSVOA_U
ClientSampleId :

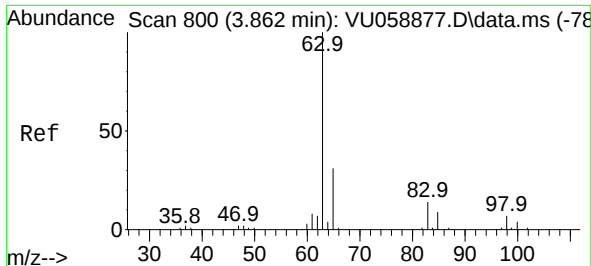
Tgt Ion: 73	Resp: 26157
Ion Ratio	Lower Upper
73 100	
43 18.3	14.9 22.3
57 22.7	18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 1.093 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.006 min
Lab File: VU058876.D
Acq: 14 May 2024 10:19

Tgt Ion: 96	Resp: 11015
Ion Ratio	Lower Upper
96 100	
61 152.1	101.8 189.0
98 70.1	43.3 80.5

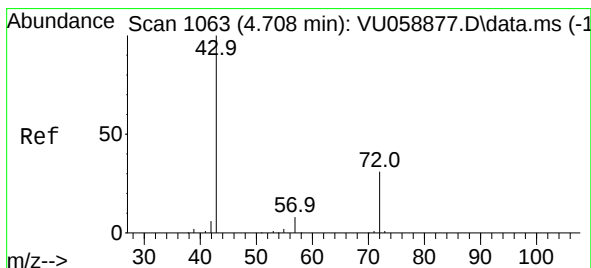
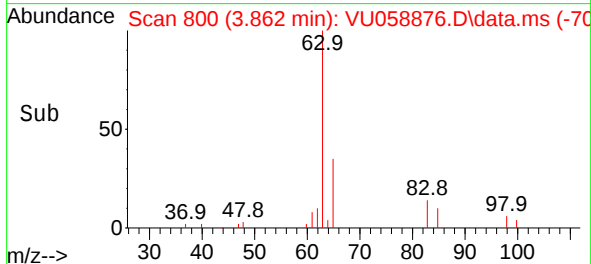
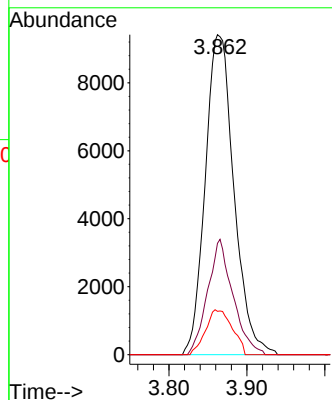
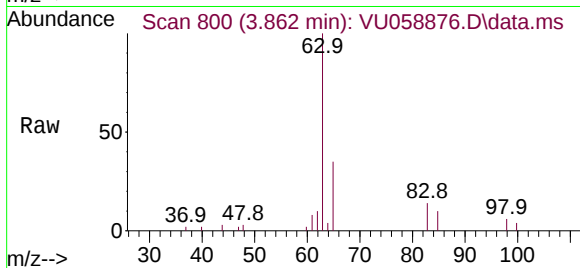




#19
1,1-Dichloroethane
Concen: 1.159 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU058876.D
Acq: 14 May 2024 10:19

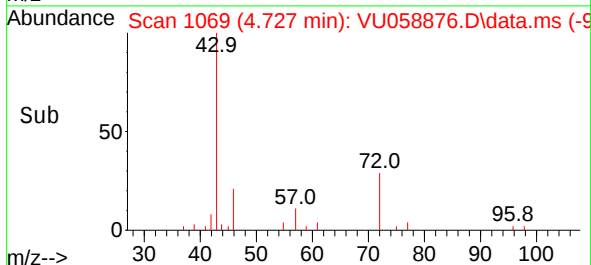
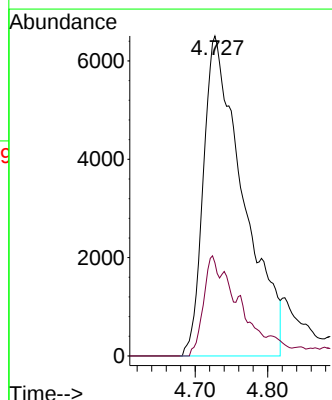
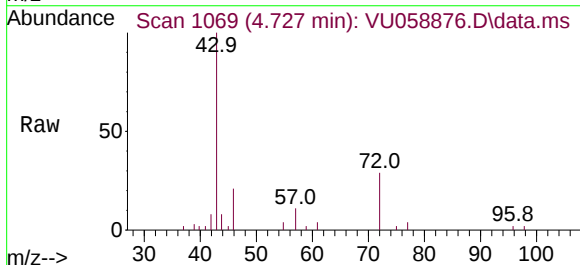
Instrument :
MSVOA_U
ClientSampleId :

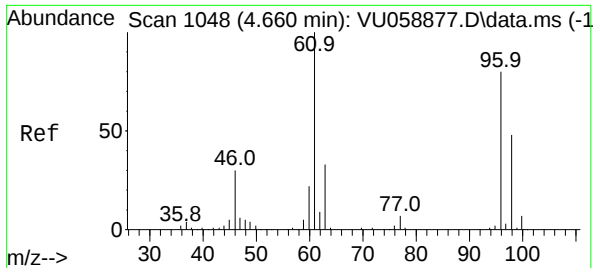
Tgt Ion: 63 Resp: 24078
Ion Ratio Lower Upper
63 100
65 34.8 21.8 40.6
83 13.6 9.9 18.5



#21
2-Butanone
Concen: 9.230 ug/L
RT: 4.727 min Scan# 1069
Delta R.T. 0.019 min
Lab File: VU058876.D
Acq: 14 May 2024 10:19

Tgt Ion: 43 Resp: 24754
Ion Ratio Lower Upper
43 100
72 11.9 13.8 41.4#



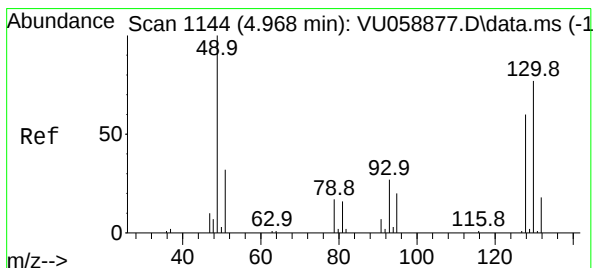
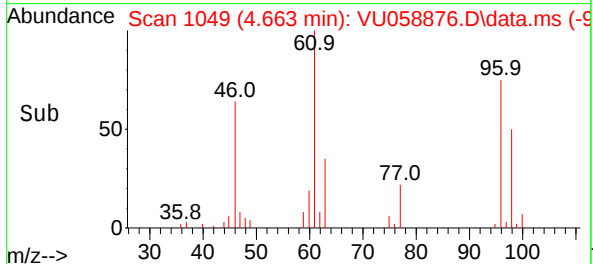
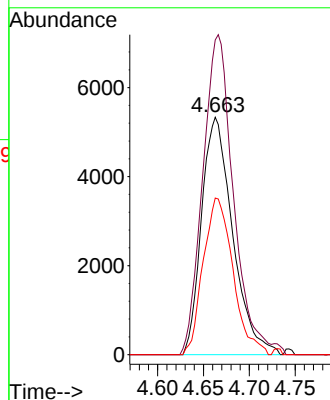
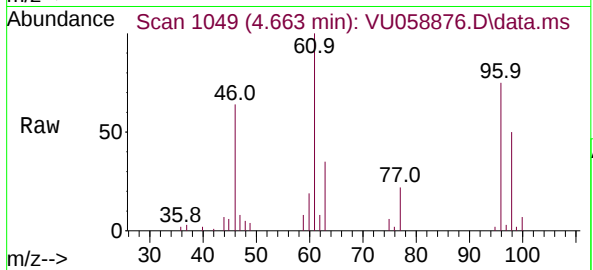


#22
cis-1,2-Dichloroethene
Concen: 1.069 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU058876.D
Acq: 14 May 2024 10:19

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 12596

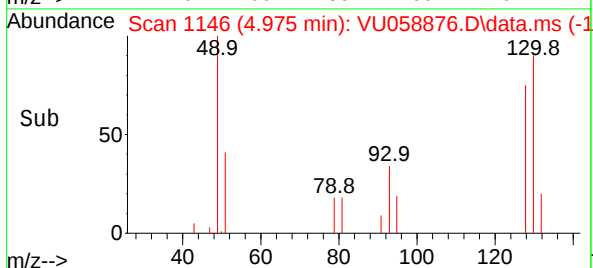
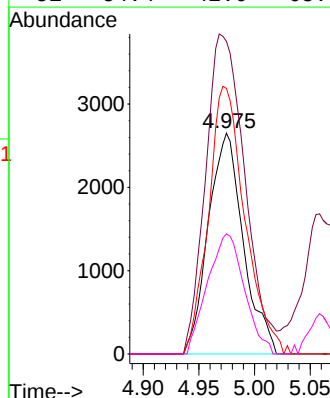
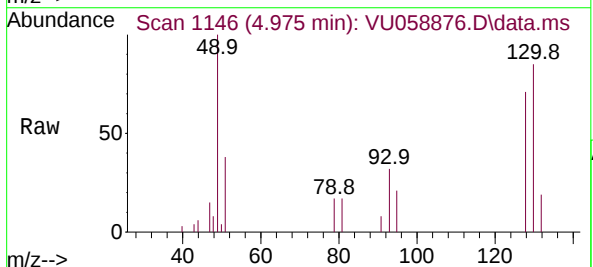
Ion	Ratio	Lower	Upper
96	100		
61	132.5	87.4	162.2
98	66.0	42.3	78.5

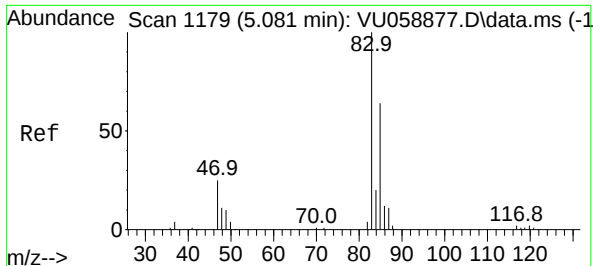


#23
Bromochloromethane
Concen: 1.144 ug/L
RT: 4.975 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VU058876.D
Acq: 14 May 2024 10:19

Tgt Ion: 128 Resp: 5793

Ion	Ratio	Lower	Upper
128	100		
49	141.6	117.0	217.4
130	120.3	89.6	166.4
51	54.4	42.0	63.0





#25

Chloroform

Concen: 1.215 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU058876.D

Acq: 14 May 2024 10:19

Instrument :

MSVOA_U

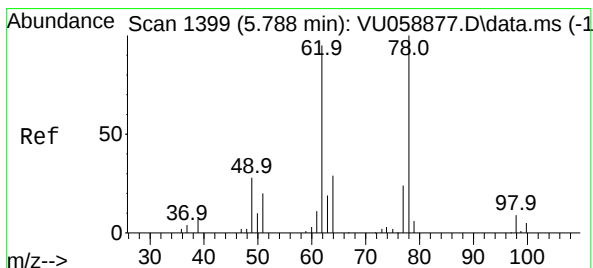
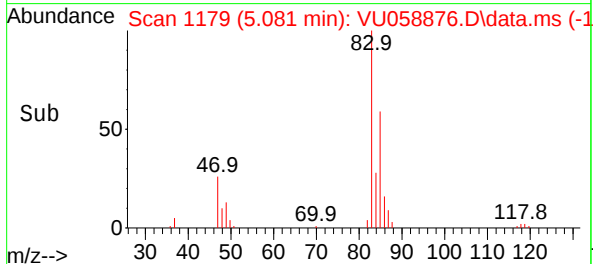
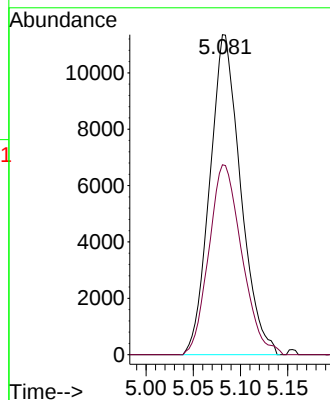
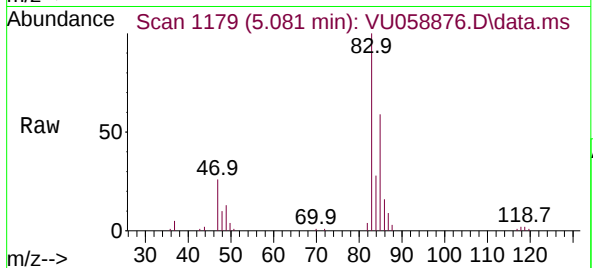
ClientSampleId :

Tgt Ion: 83 Resp: 25751

Ion Ratio Lower Upper

83 100

85 59.4 44.7 83.1



#27

1,2-Dichloroethane

Concen: 1.129 ug/L

RT: 5.791 min Scan# 1400

Delta R.T. 0.003 min

Lab File: VU058876.D

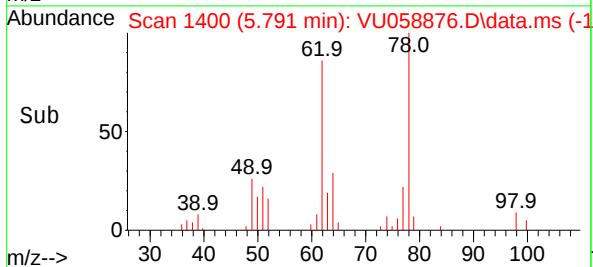
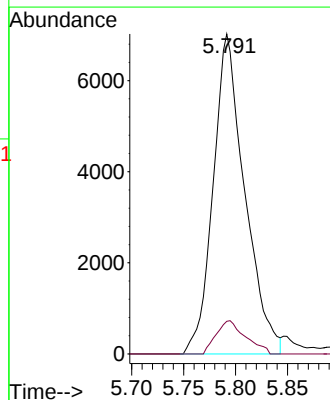
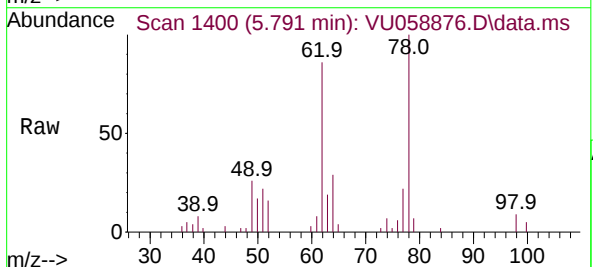
Acq: 14 May 2024 10:19

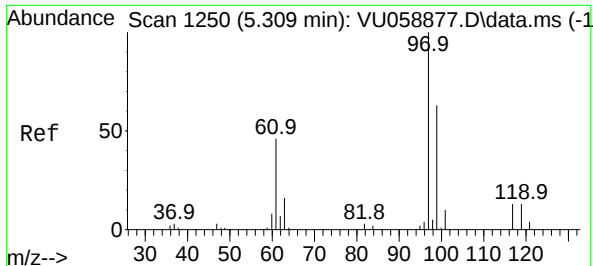
Tgt Ion: 62 Resp: 14827

Ion Ratio Lower Upper

62 100

98 10.2 7.5 11.3





#29

1,1,1-Trichloroethane

Concen: 1.088 ug/L

RT: 5.312 min Scan# 1251

Delta R.T. 0.003 min

Lab File: VU058876.D

Acq: 14 May 2024 10:19

Instrument :

MSVOA_U

ClientSampleId :

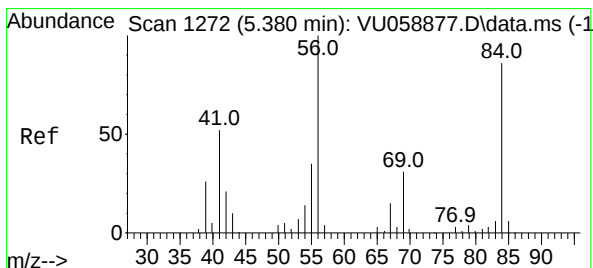
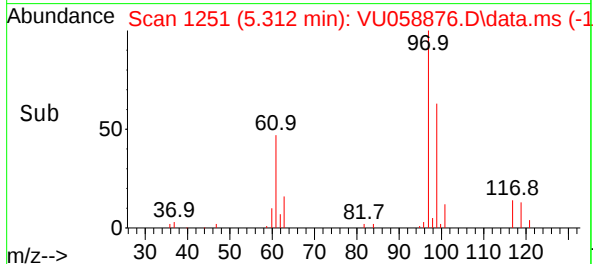
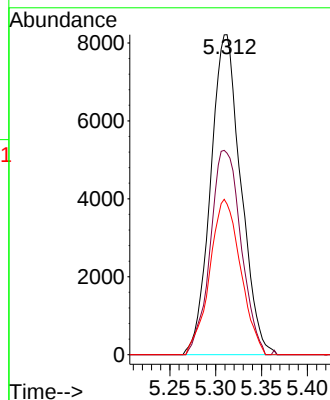
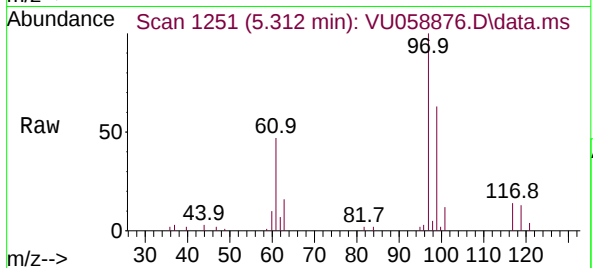
Tgt Ion: 97 Resp: 18812

Ion Ratio Lower Upper

97 100

99 64.8 51.8 77.6

61 49.6 37.4 56.2



#30

Cyclohexane

Concen: 0.993 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. 0.003 min

Lab File: VU058876.D

Acq: 14 May 2024 10:19

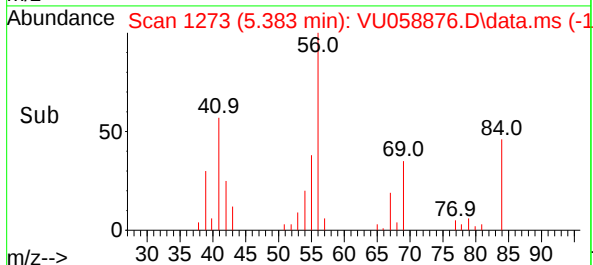
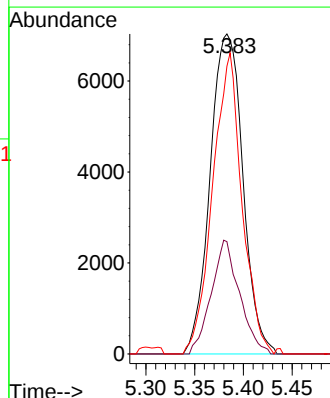
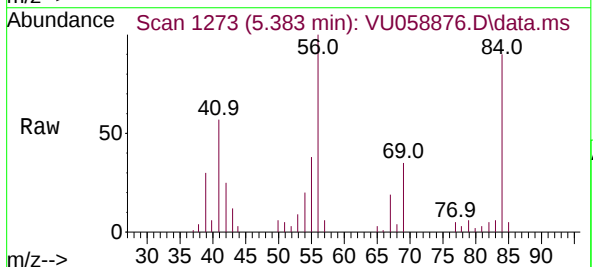
Tgt Ion: 56 Resp: 16467

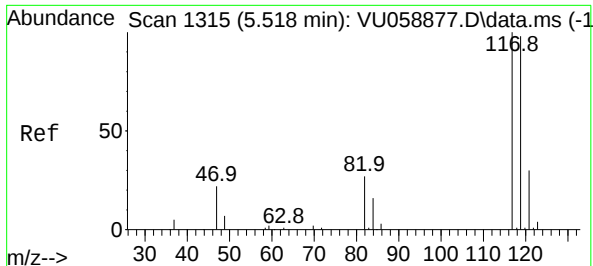
Ion Ratio Lower Upper

56 100

69 30.6 24.8 37.2

84 83.8 69.8 104.8

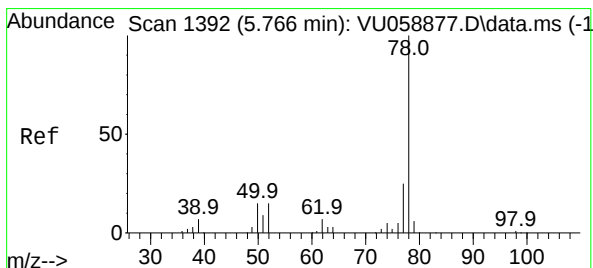
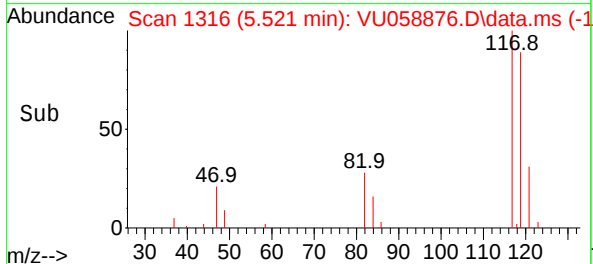
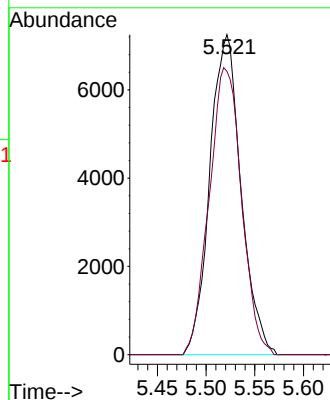
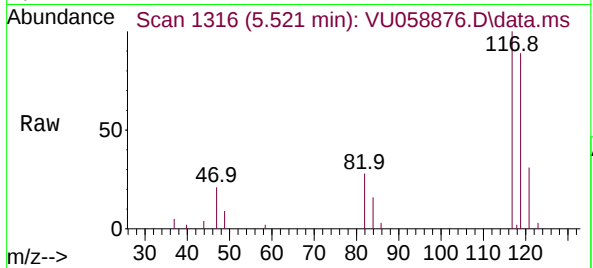




#31
Carbon tetrachloride
Concen: 1.120 ug/L
RT: 5.521 min Scan# 1315
Delta R.T. 0.003 min
Lab File: VU058876.D
Acq: 14 May 2024 10:19

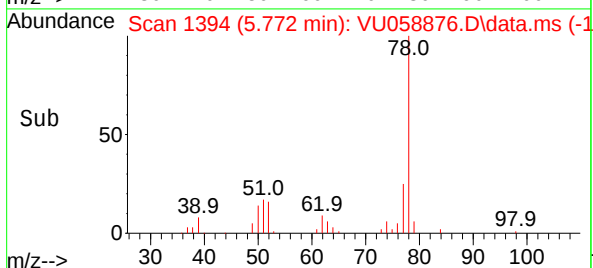
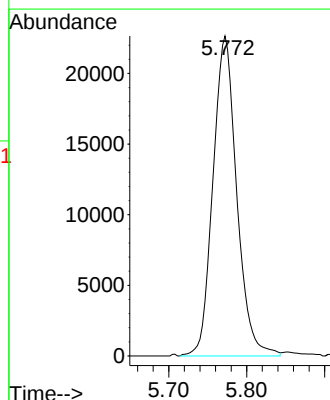
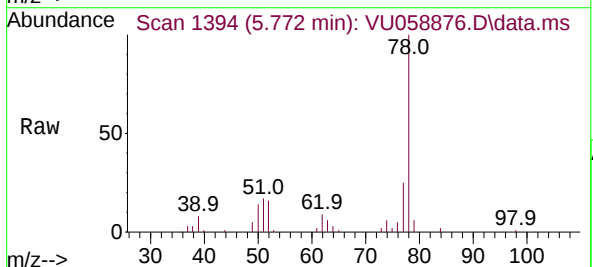
Instrument :
MSVOA_U
ClientSampleId :

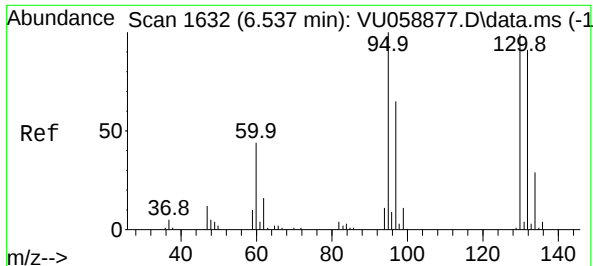
Tgt Ion:117 Resp: 16132
Ion Ratio Lower Upper
117 100
119 92.9 77.5 116.3



#33
Benzene
Concen: 1.032 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.006 min
Lab File: VU058876.D
Acq: 14 May 2024 10:19

Tgt Ion: 78 Resp: 48029

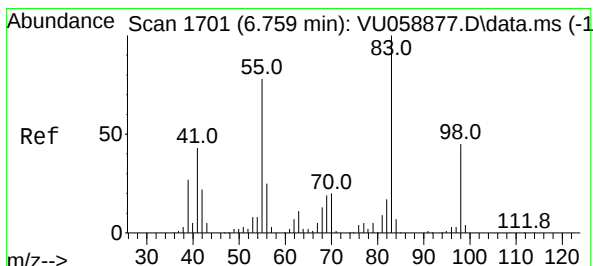
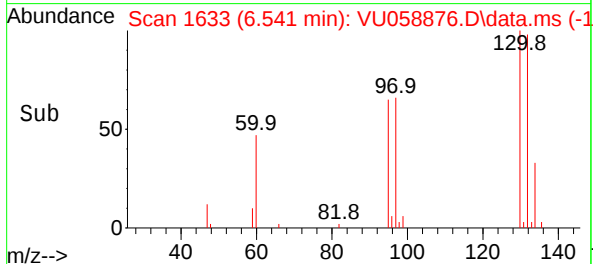
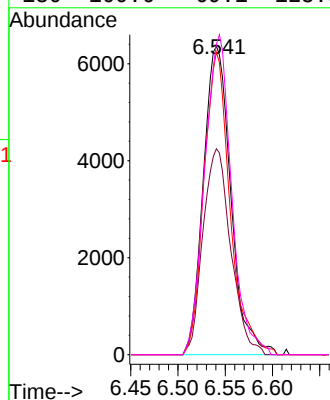
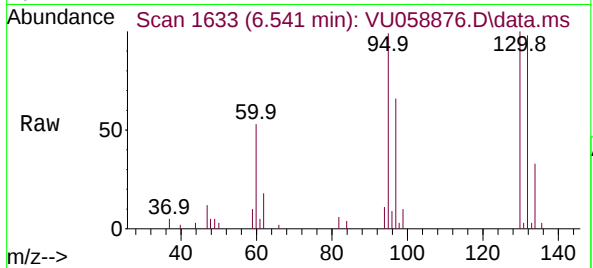




#34
Trichloroethene
Concen: 1.052 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU058876.D
Acq: 14 May 2024 10:19

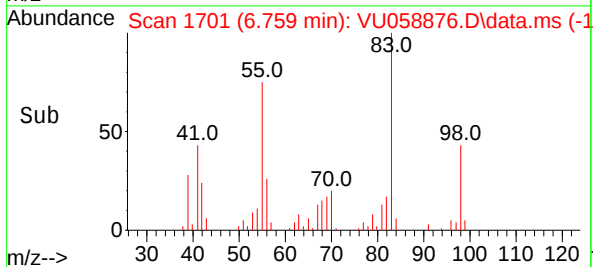
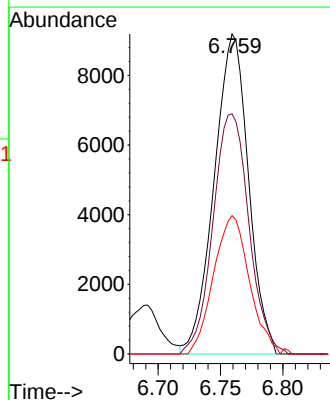
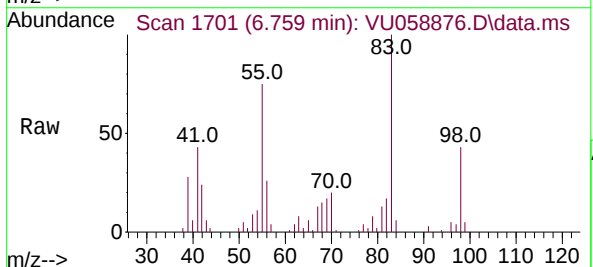
Instrument :
MSVOA_U
ClientSampleId :

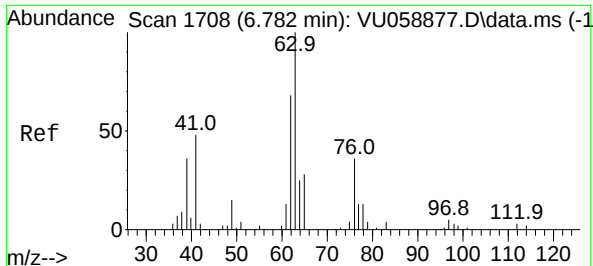
Tgt Ion: 95 Resp: 12872
Ion Ratio Lower Upper
95 100
97 66.7 45.3 84.1
132 98.1 64.0 119.0
130 100.6 69.1 128.3



#35
Methylcyclohexane
Concen: 1.015 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU058876.D
Acq: 14 May 2024 10:19

Tgt Ion: 83 Resp: 17621
Ion Ratio Lower Upper
83 100
55 78.6 62.7 94.1
98 44.9 35.4 53.0

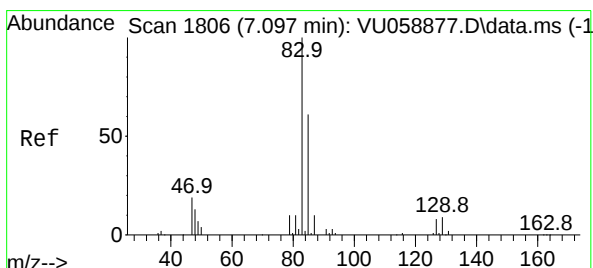
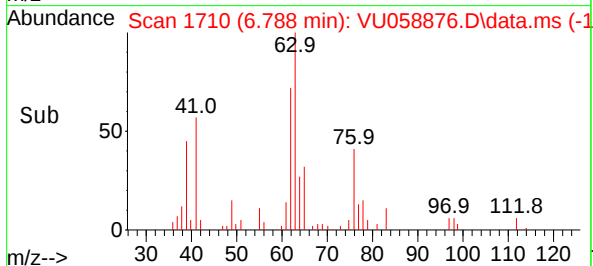
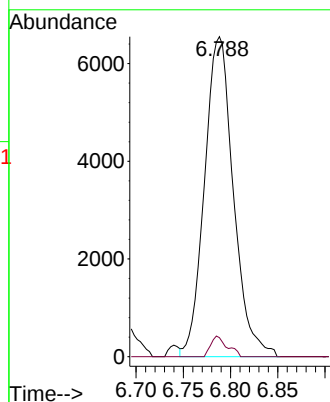
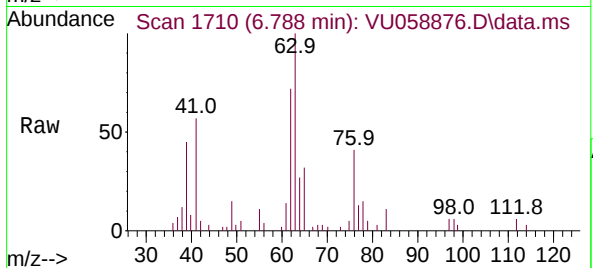




#37
1,2-Dichloropropane
Concen: 1.056 ug/L
RT: 6.788 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU058876.D
Acq: 14 May 2024 10:19

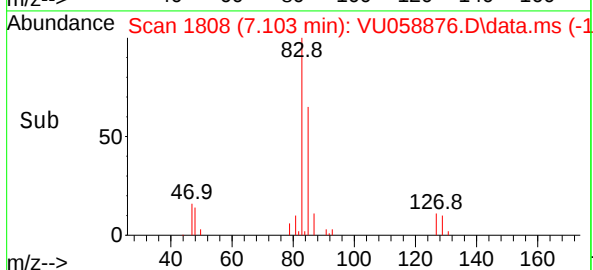
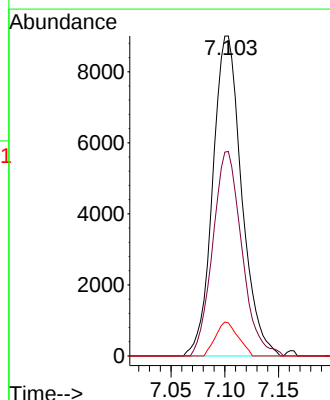
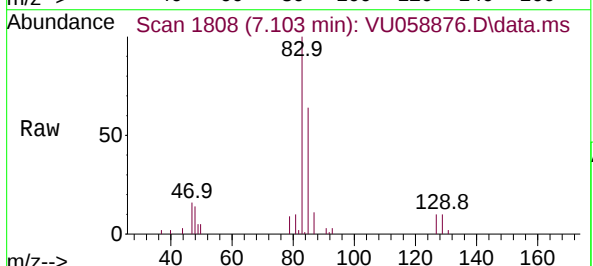
Instrument :
MSVOA_U
ClientSampleId :

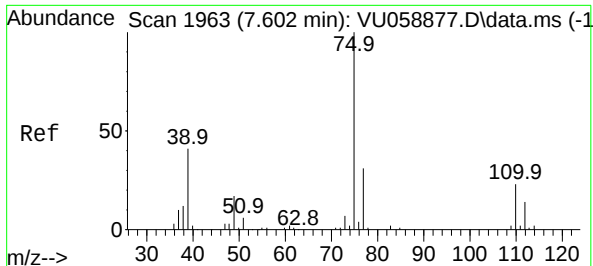
Tgt Ion: 63 Resp: 13941
Ion Ratio Lower Upper
63 100
112 3.6 2.6 3.8



#38
Bromodichloromethane
Concen: 1.084 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VU058876.D
Acq: 14 May 2024 10:19

Tgt Ion: 83 Resp: 16849
Ion Ratio Lower Upper
83 100
85 63.9 42.7 79.3
127 10.3 6.1 9.1#

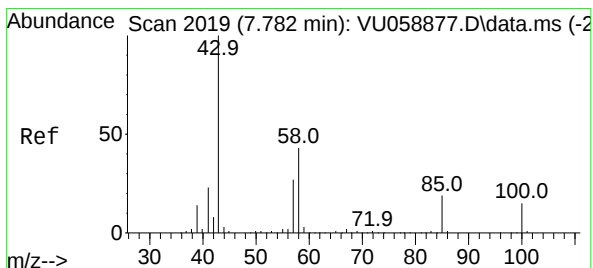
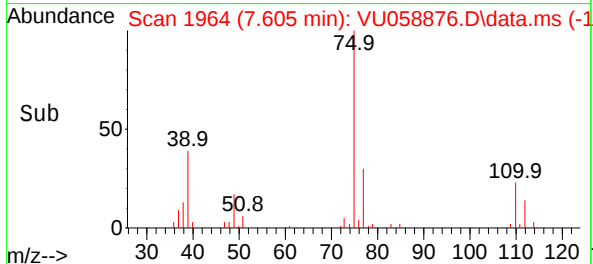
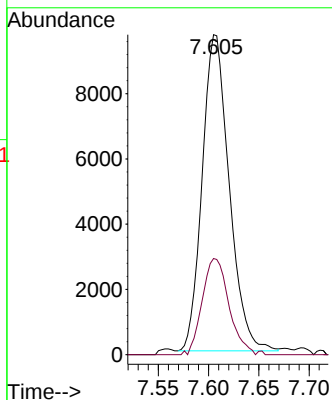
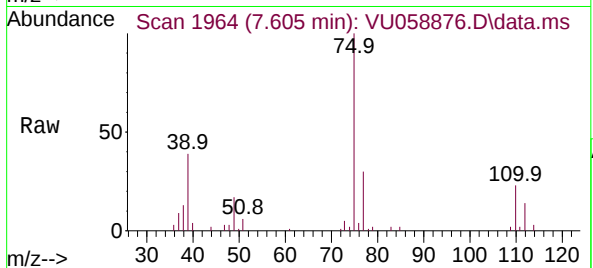




#39
 cis-1,3-Dichloropropene
 Concen: 1.011 ug/L
 RT: 7.605 min Scan# 1964
 Delta R.T. 0.003 min
 Lab File: VU058876.D
 Acq: 14 May 2024 10:19

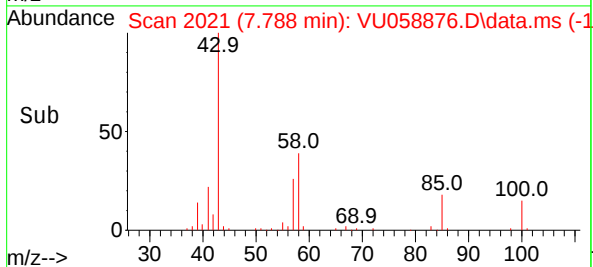
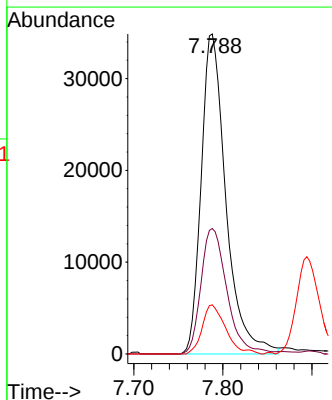
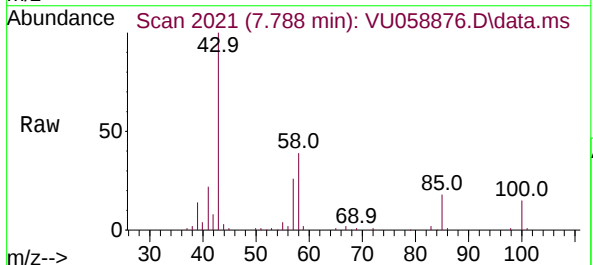
Instrument :
 MSVOA_U
 ClientSampleId :

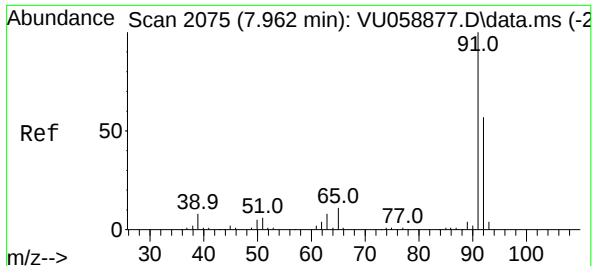
Tgt Ion: 75 Resp: 18142
 Ion Ratio Lower Upper
 75 100
 77 30.1 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 9.533 ug/L
 RT: 7.788 min Scan# 2021
 Delta R.T. 0.006 min
 Lab File: VU058876.D
 Acq: 14 May 2024 10:19

Tgt Ion: 43 Resp: 67368
 Ion Ratio Lower Upper
 43 100
 58 41.1 34.0 51.0
 100 14.5 12.1 18.1





#42

Toluene

Concen: 1.016 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU058876.D

Acq: 14 May 2024 10:19

Instrument :

MSVOA_U

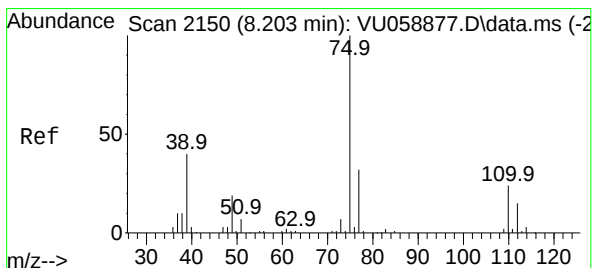
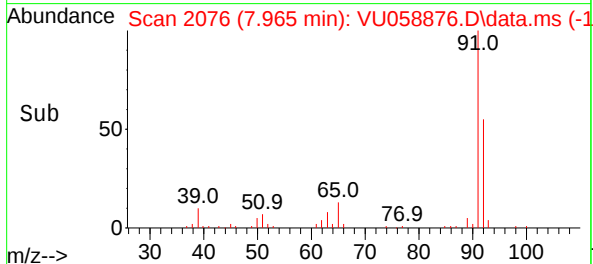
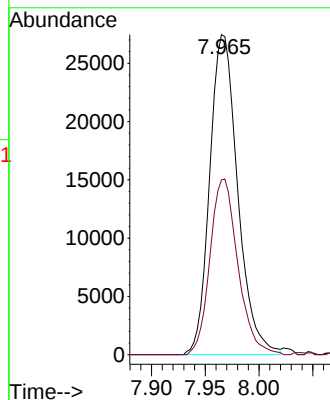
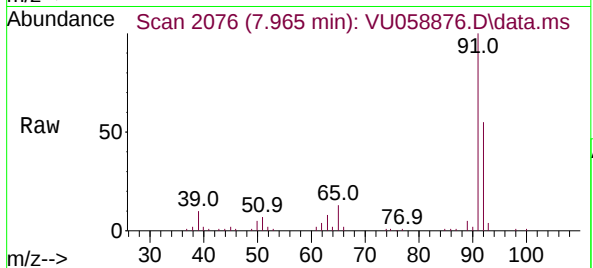
ClientSampleId :

Tgt Ion: 91 Resp: 49800

Ion Ratio Lower Upper

91 100

92 54.6 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 0.959 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.006 min

Lab File: VU058876.D

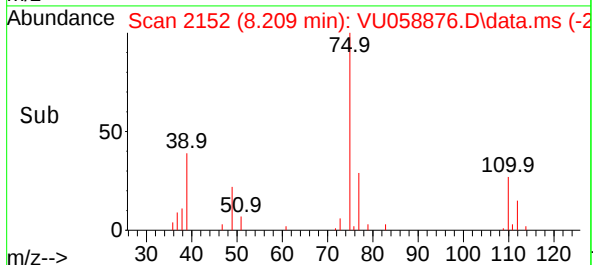
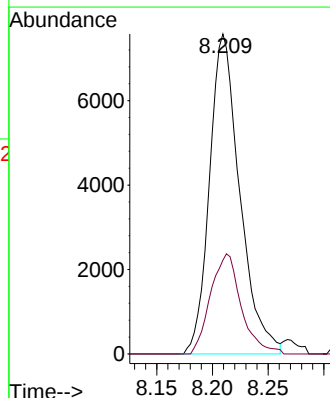
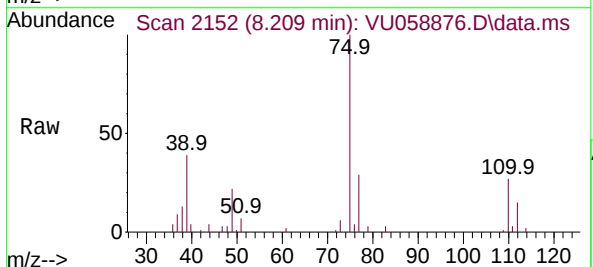
Acq: 14 May 2024 10:19

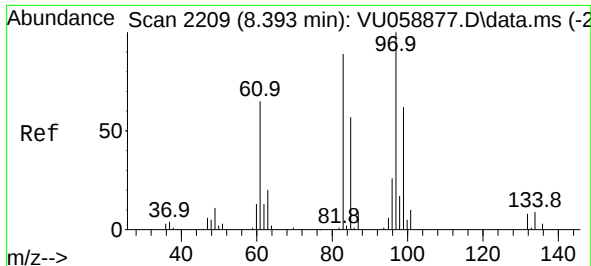
Tgt Ion: 75 Resp: 14305

Ion Ratio Lower Upper

75 100

77 29.3 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 1.116 ug/L

RT: 8.396 min Scan# 2210

Delta R.T. 0.003 min

Lab File: VU058876.D

Acq: 14 May 2024 10:19

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 10031

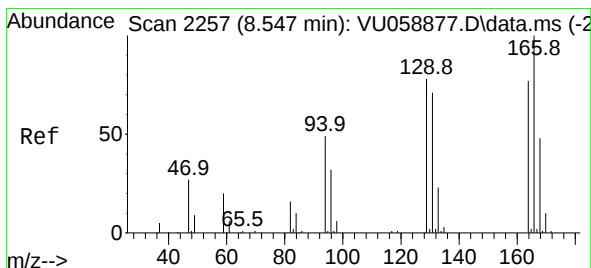
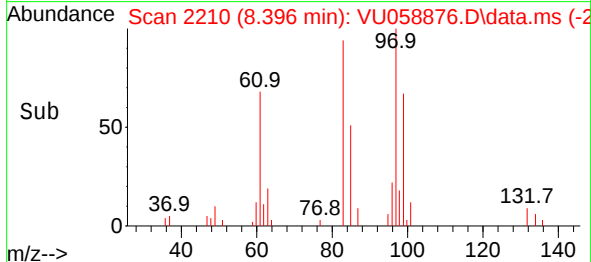
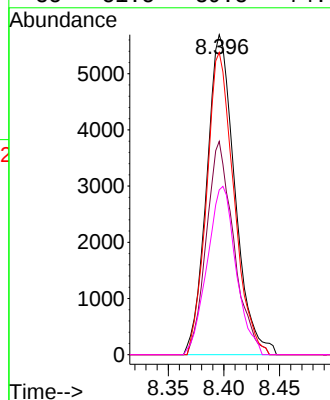
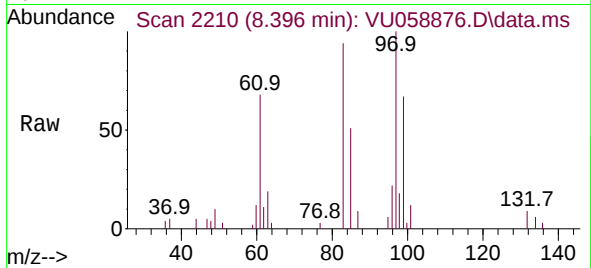
Ion Ratio Lower Upper

97 100

99 66.7 43.3 80.3

83 94.5 62.3 115.7

85 51.5 39.8 74.0



#47

Tetrachloroethene

Concen: 1.085 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.003 min

Lab File: VU058876.D

Acq: 14 May 2024 10:19

Tgt Ion:164 Resp: 9201

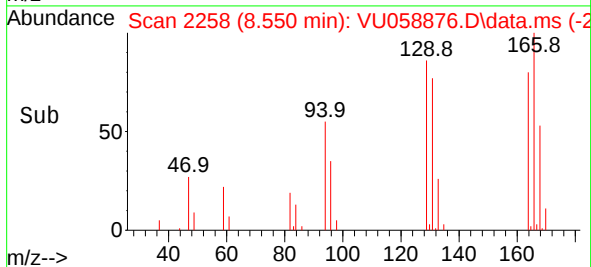
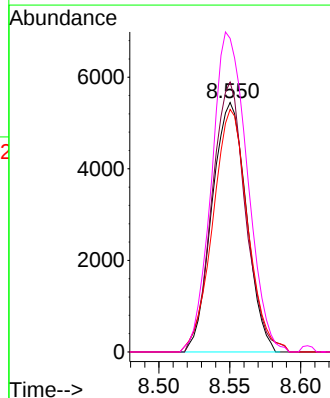
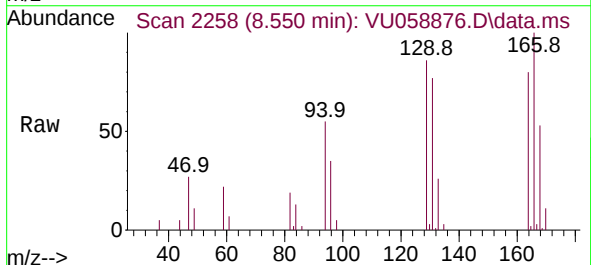
Ion Ratio Lower Upper

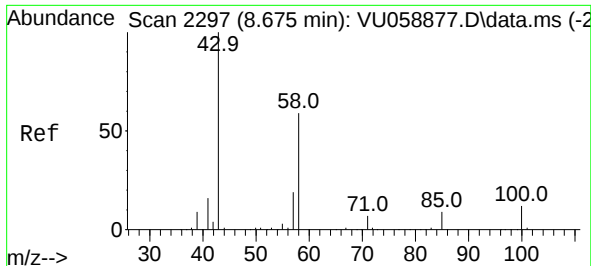
164 100

129 108.2 70.8 131.4

131 97.2 64.8 120.3

166 125.7 91.1 169.1





#48

2-Hexanone

Concen: 8.675 ug/L

RT: 8.685 min Scan# 24

Delta R.T. 0.010 min

Lab File: VU058876.D

Acq: 14 May 2024 10:19

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 45288

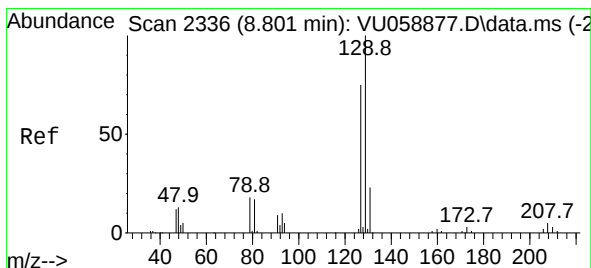
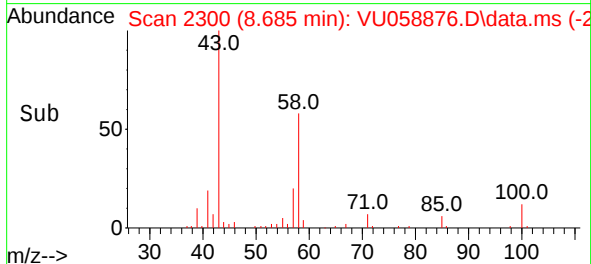
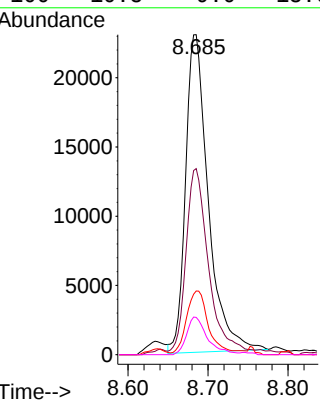
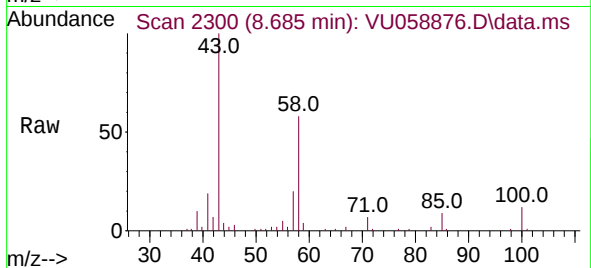
Ion Ratio Lower Upper

43 100

58 56.6 46.1 69.1

57 19.5 15.5 23.3

100 10.8 9.0 13.6



#49

Dibromochloromethane

Concen: 1.038 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. 0.003 min

Lab File: VU058876.D

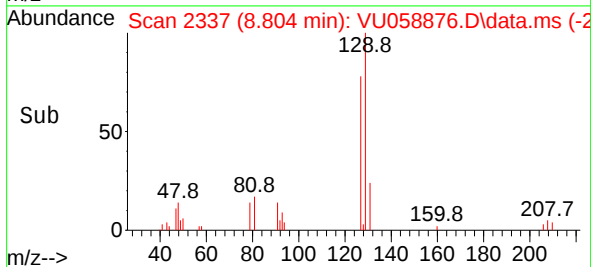
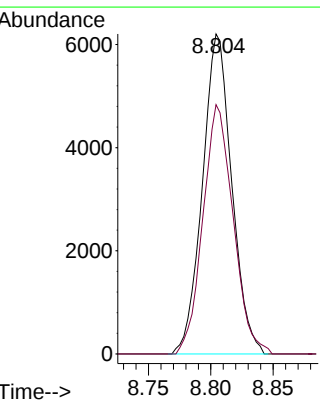
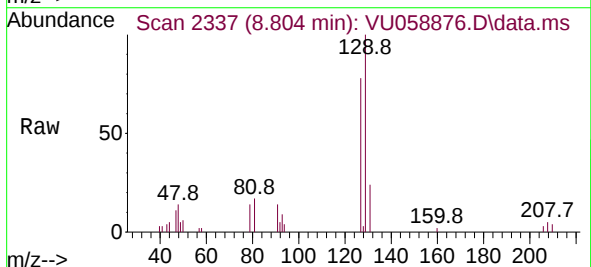
Acq: 14 May 2024 10:19

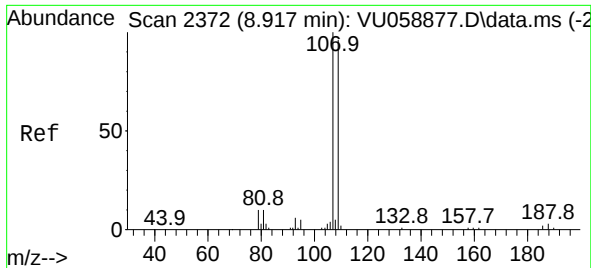
Tgt Ion: 129 Resp: 10163

Ion Ratio Lower Upper

129 100

127 77.9 52.5 97.5

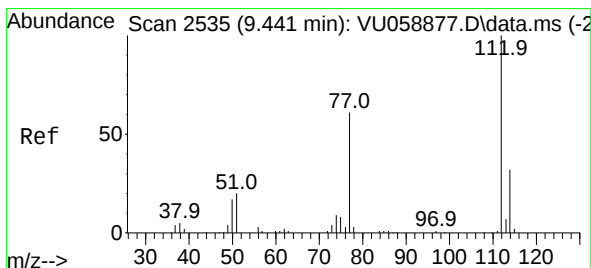
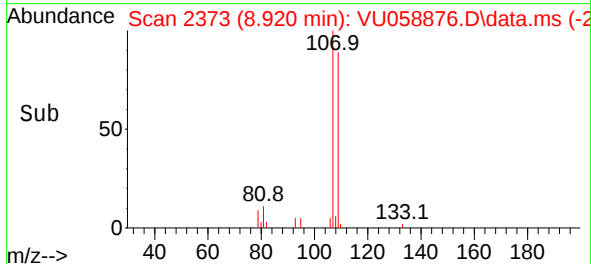
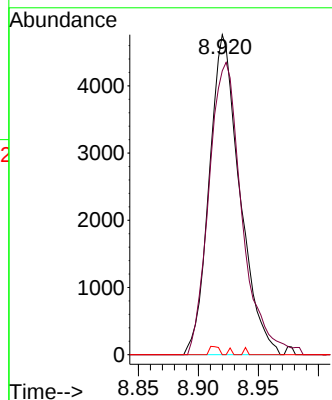
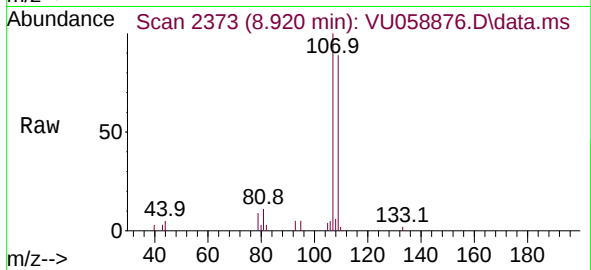




#50
1,2-Dibromoethane
Concen: 0.992 ug/L
RT: 8.920 min Scan# 24
Delta R.T. 0.003 min
Lab File: VU058876.D
Acq: 14 May 2024 10:19

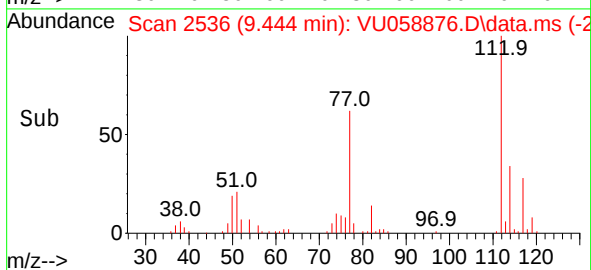
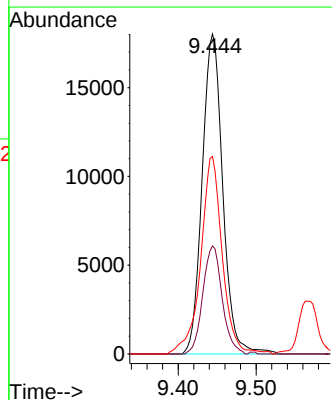
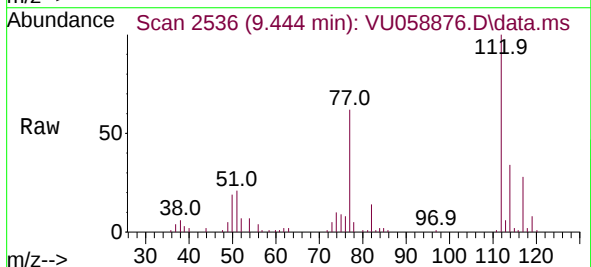
Instrument :
MSVOA_U
ClientSampleId :

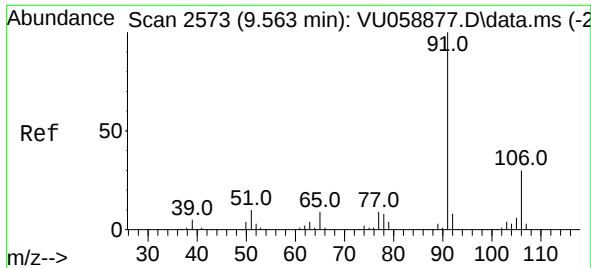
Tgt Ion:107 Resp: 8437
Ion Ratio Lower Upper
107 100
109 88.7 66.9 124.3
188 0.0 2.7 4.1#



#51
Chlorobenzene
Concen: 1.070 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU058876.D
Acq: 14 May 2024 10:19

Tgt Ion:112 Resp: 33110
Ion Ratio Lower Upper
112 100
114 33.7 22.4 41.6
77 61.7 49.1 73.7





#52

Ethylbenzene

Concen: 0.997 ug/L

RT: 9.566 min Scan# 2574

Delta R.T. 0.003 min

Lab File: VU058876.D

Acq: 14 May 2024 10:19

Instrument :

MSVOA_U

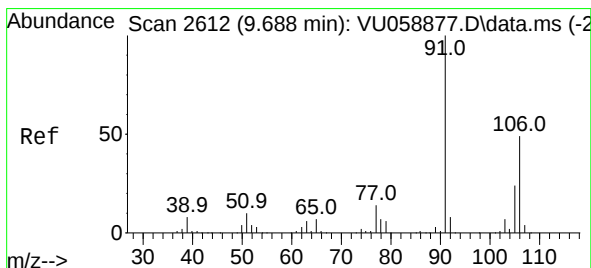
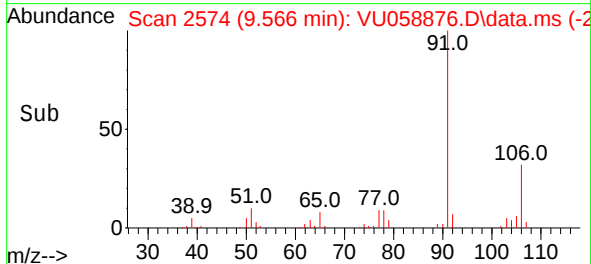
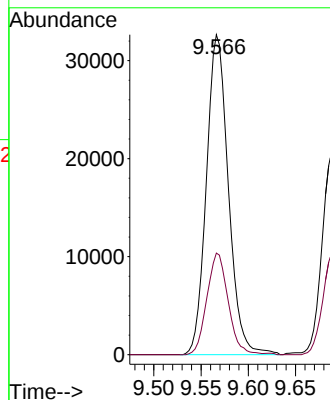
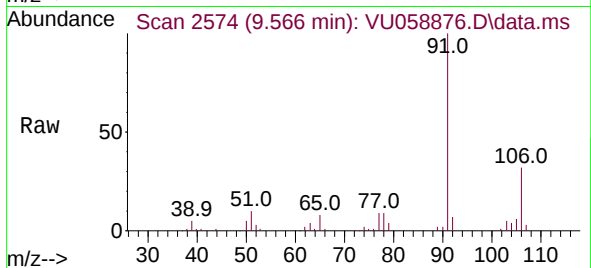
ClientSampleId :

Tgt Ion: 91 Resp: 52886

Ion Ratio Lower Upper

91 100

106 31.7 20.9 38.7



#53

m,p-Xylene

Concen: 0.954 ug/L

RT: 9.692 min Scan# 2613

Delta R.T. 0.003 min

Lab File: VU058876.D

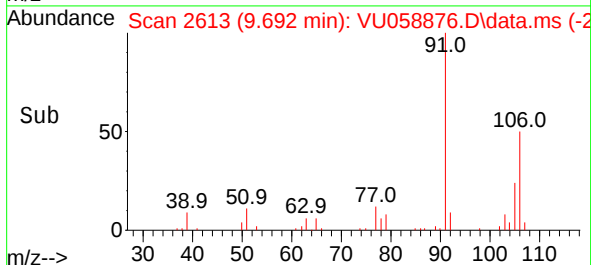
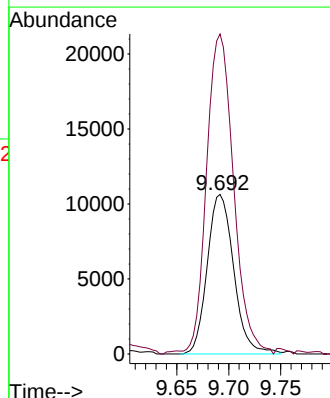
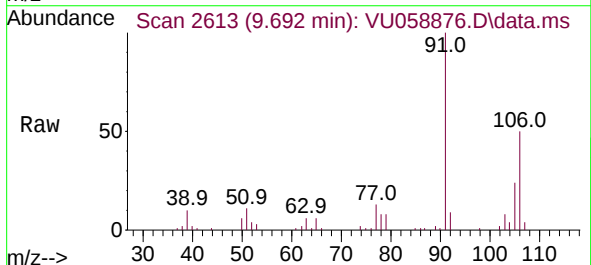
Acq: 14 May 2024 10:19

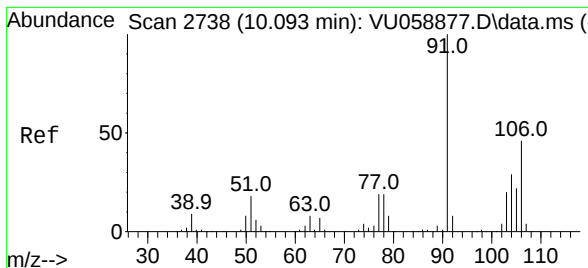
Tgt Ion:106 Resp: 18867

Ion Ratio Lower Upper

106 100

91 200.6 142.0 263.8





#54

o-Xylene

Concen: 0.961 ug/L

RT: 10.097 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU058876.D

Acq: 14 May 2024 10:19

Instrument :

MSVOA_U

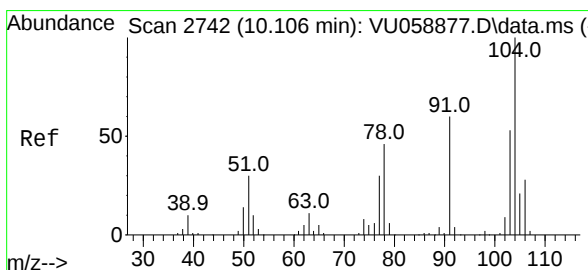
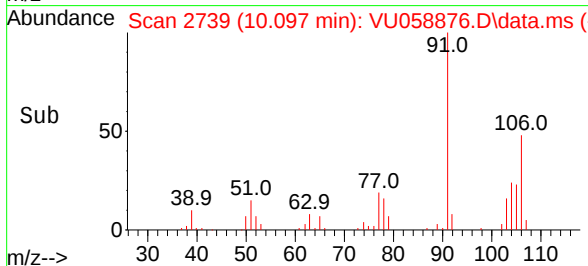
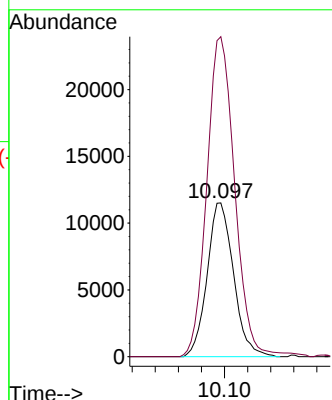
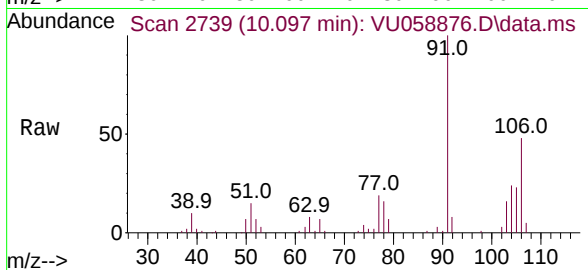
ClientSampleId :

Tgt Ion:106 Resp: 18276

Ion Ratio Lower Upper

106 100

91 208.1 151.6 281.6



#55

Styrene

Concen: 0.908 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. 0.006 min

Lab File: VU058876.D

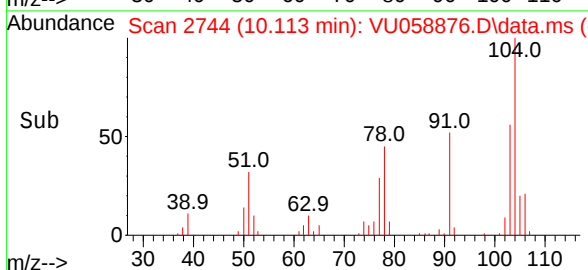
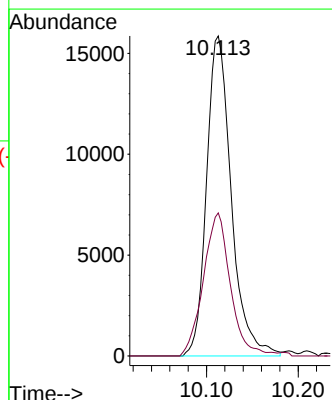
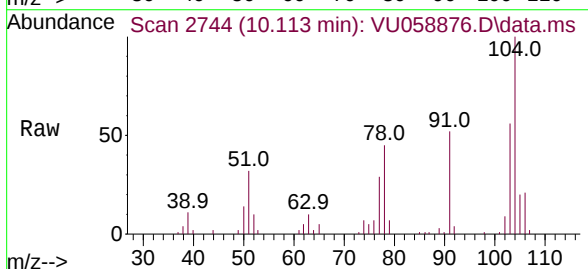
Acq: 14 May 2024 10:19

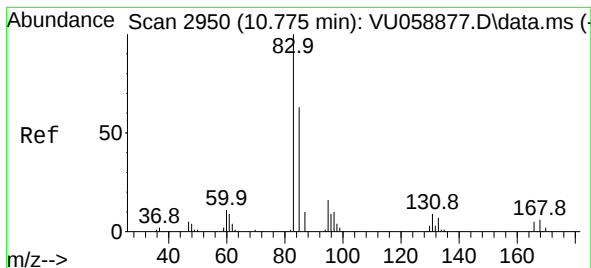
Tgt Ion:104 Resp: 29725

Ion Ratio Lower Upper

104 100

78 44.7 32.3 60.1





#57

1,1,2-Tetrachloroethane

Concen: 1.104 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU058876.D

Acq: 14 May 2024 10:19

Instrument :

MSVOA_U

ClientSampleId :

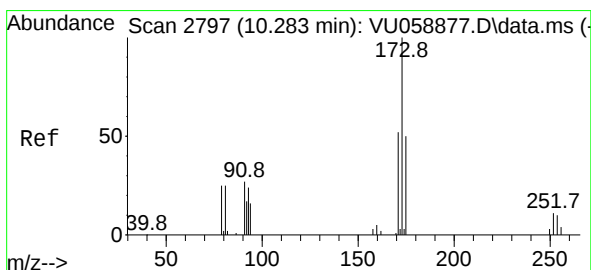
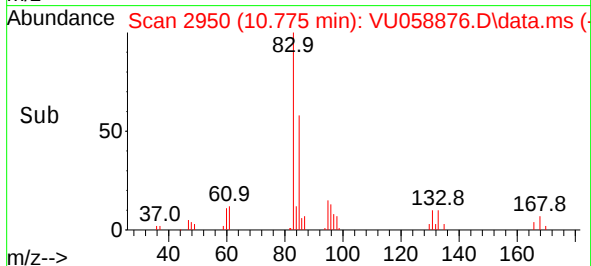
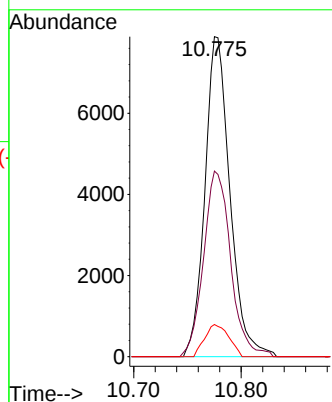
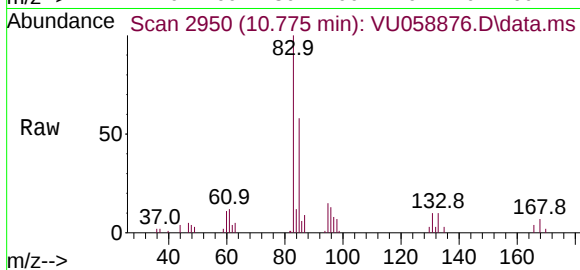
Tgt Ion: 83 Resp: 12751

Ion Ratio Lower Upper

83 100

85 58.0 44.7 82.9

131 10.1 6.9 10.3



#59

Bromoform

Concen: 1.059 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. 0.003 min

Lab File: VU058876.D

Acq: 14 May 2024 10:19

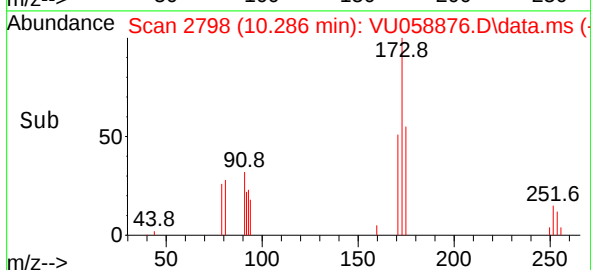
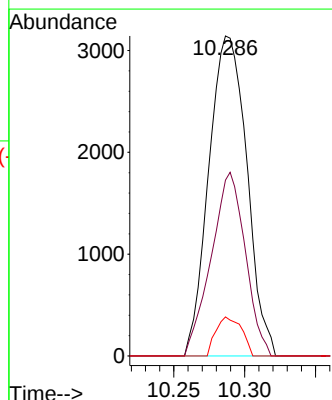
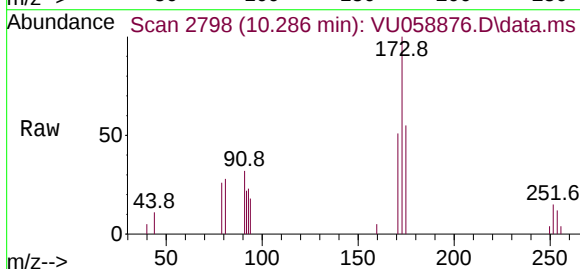
Tgt Ion:173 Resp: 5860

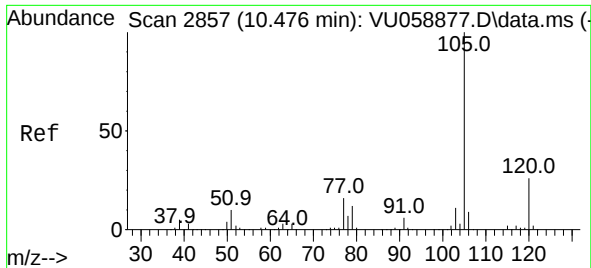
Ion Ratio Lower Upper

173 100

175 51.6 39.4 59.2

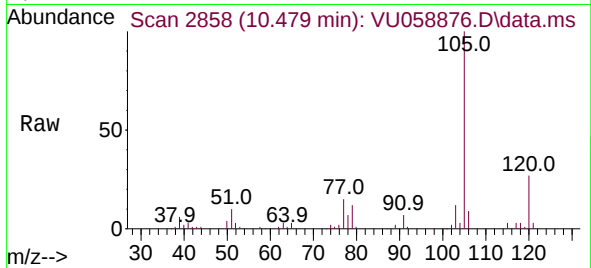
254 8.2 7.4 11.2



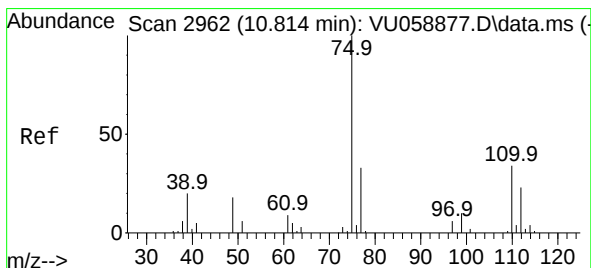
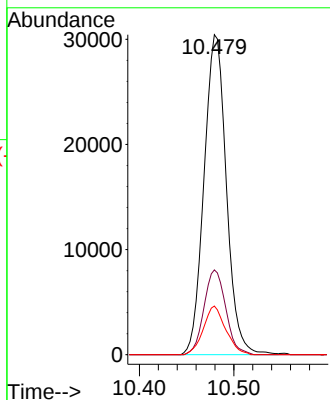
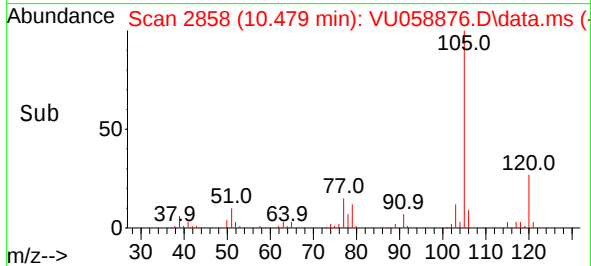


#60
Isopropylbenzene
Concen: 1.033 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. 0.003 min
Lab File: VU058876.D
Acq: 14 May 2024 10:19

Instrument :
MSVOA_U
ClientSampleId :

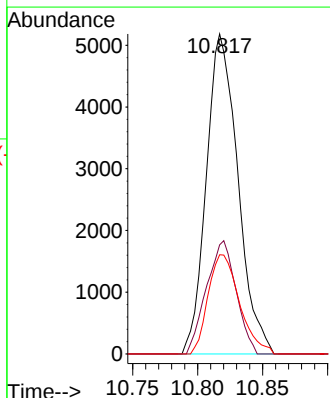
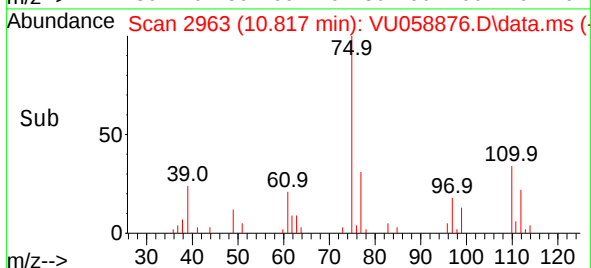
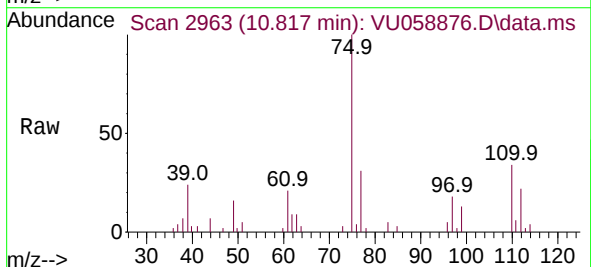


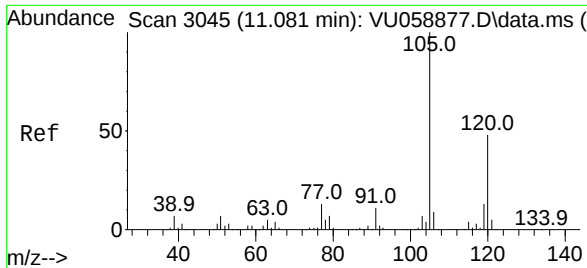
Tgt Ion:105 Resp: 50024
Ion Ratio Lower Upper
105 100
120 25.8 20.6 31.0
77 15.2 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 1.154 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU058876.D
Acq: 14 May 2024 10:19

Tgt Ion: 75 Resp: 8751
Ion Ratio Lower Upper
75 100
110 33.2 27.1 40.7
77 30.9 25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 0.950 ug/L

RT: 11.084 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU058876.D

Acq: 14 May 2024 10:19

Instrument :

MSVOA_U

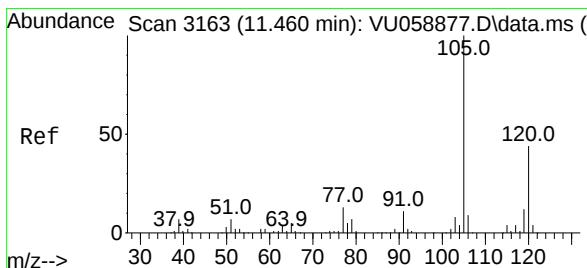
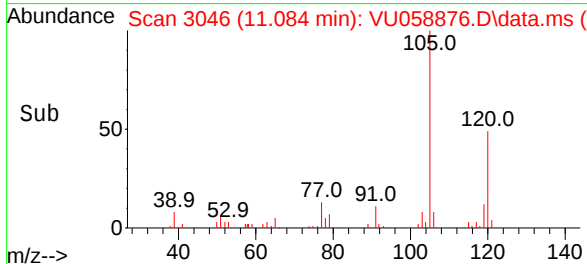
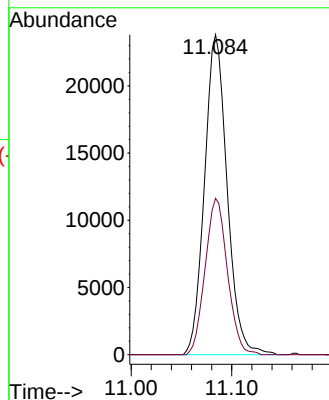
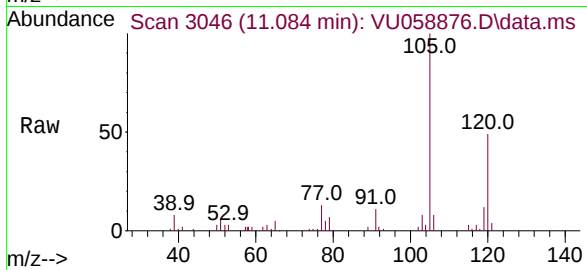
ClientSampleId :

Tgt Ion:105 Resp: 37209

Ion Ratio Lower Upper

105 100

120 48.1 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 0.929 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU058876.D

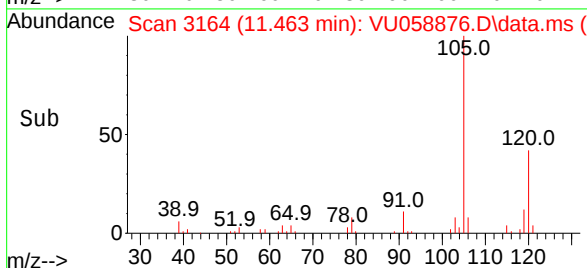
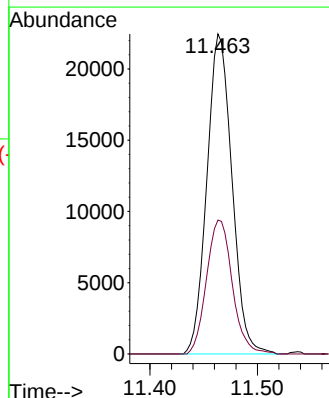
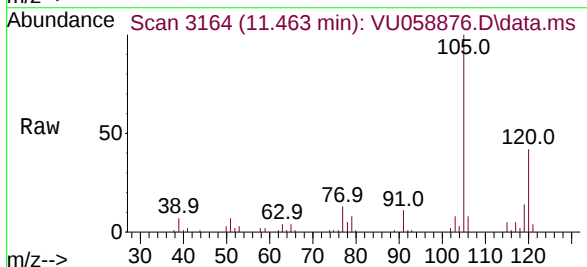
Acq: 14 May 2024 10:19

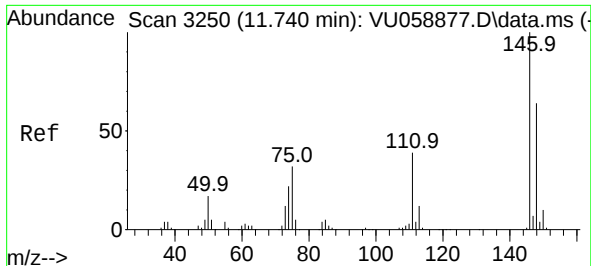
Tgt Ion:105 Resp: 36382

Ion Ratio Lower Upper

105 100

120 43.0 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 1.086 ug/L

RT: 11.743 min Scan# 3250

Delta R.T. 0.003 min

Lab File: VU058876.D

Acq: 14 May 2024 10:19

Instrument :

MSVOA_U

ClientSampleId :

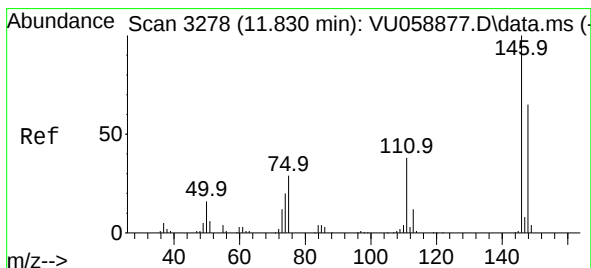
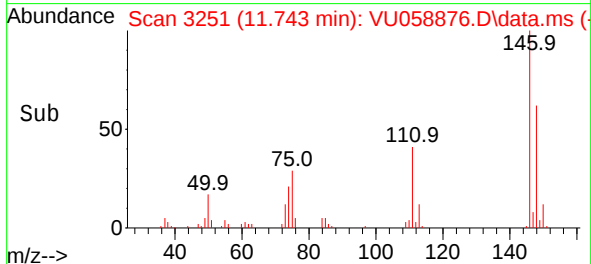
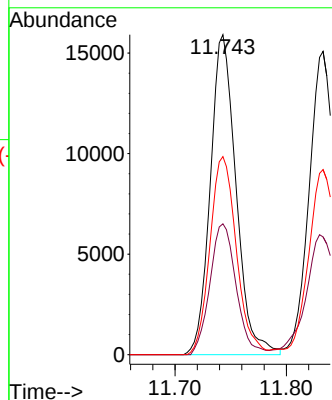
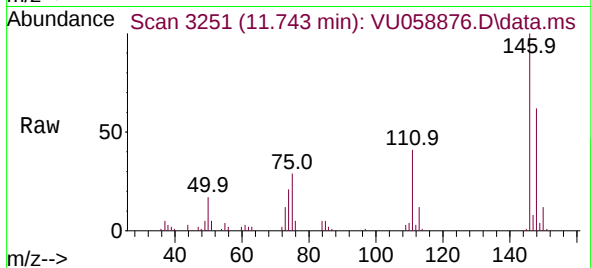
Tgt Ion:146 Resp: 25543

Ion Ratio Lower Upper

146 100

111 40.9 27.4 51.0

148 61.9 45.0 83.6



#65

1,4-Dichlorobenzene

Concen: 1.036 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. 0.003 min

Lab File: VU058876.D

Acq: 14 May 2024 10:19

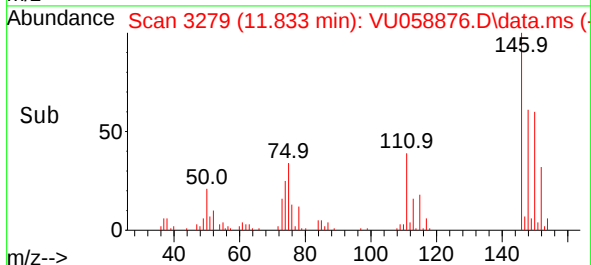
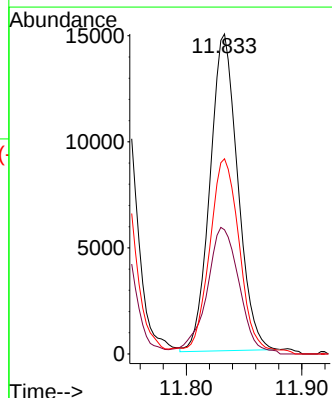
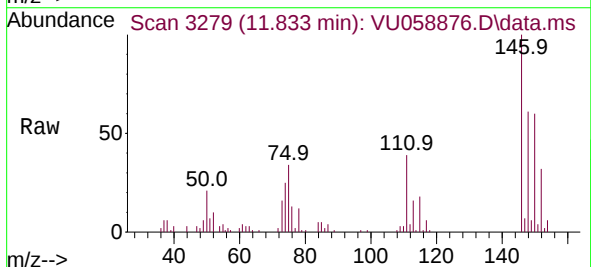
Tgt Ion:146 Resp: 24905

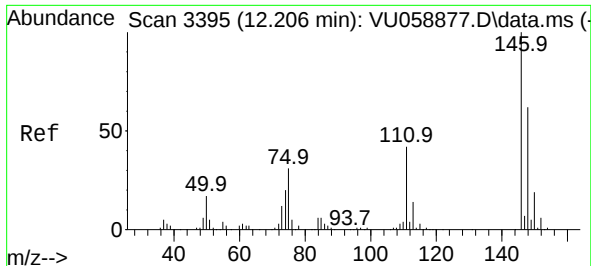
Ion Ratio Lower Upper

146 100

111 38.8 26.9 50.1

148 61.0 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 1.084 ug/L

RT: 12.209 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU058876.D

Acq: 14 May 2024 10:19

Instrument :

MSVOA_U

ClientSampleId :

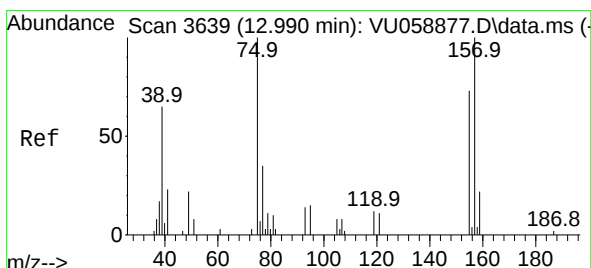
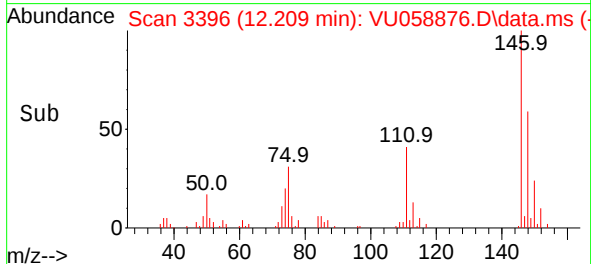
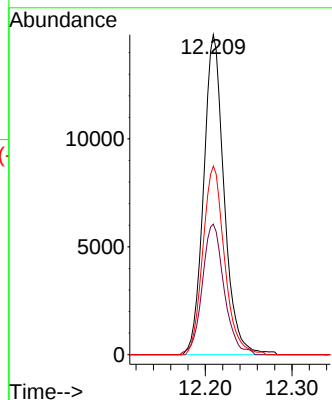
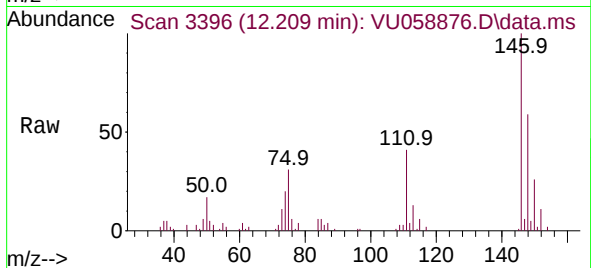
Tgt Ion:146 Resp: 24354

Ion Ratio Lower Upper

146 100

111 40.8 33.4 50.0

148 59.0 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 1.035 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.003 min

Lab File: VU058876.D

Acq: 14 May 2024 10:19

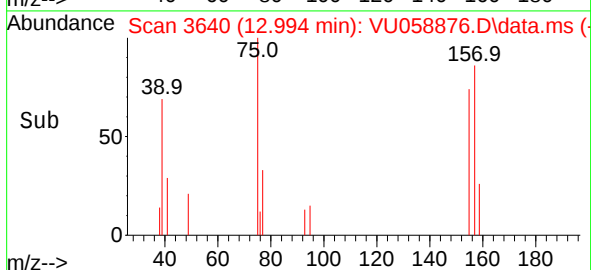
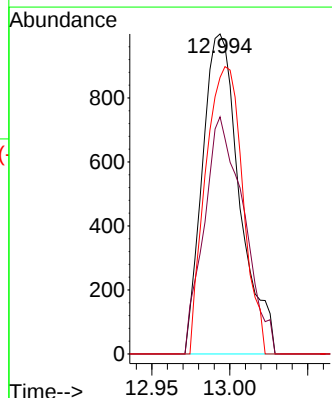
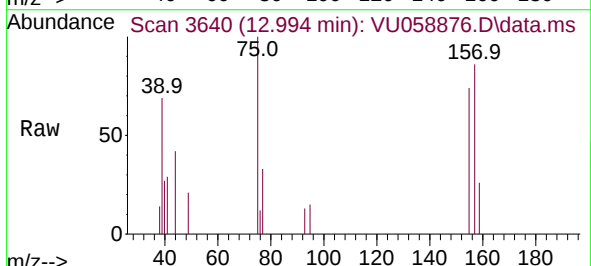
Tgt Ion: 75 Resp: 1665

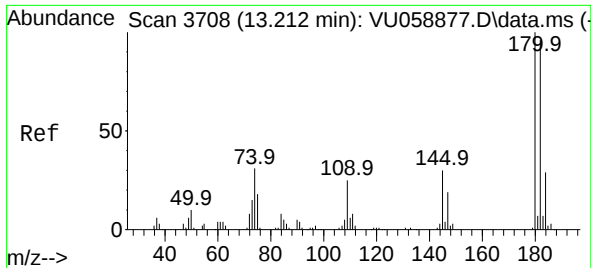
Ion Ratio Lower Upper

75 100

155 74.1 58.2 87.2

157 86.4 80.0 120.0





#69

1,3,5-Trichlorobenzene

Concen: 1.082 ug/L

RT: 13.216 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU058876.D

Acq: 14 May 2024 10:19

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 19154

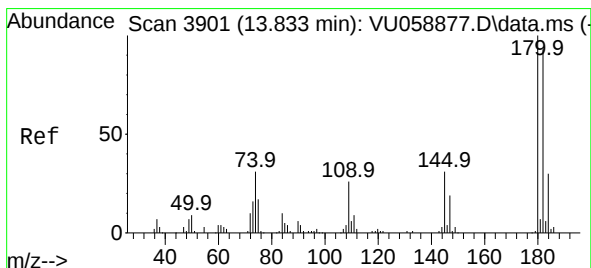
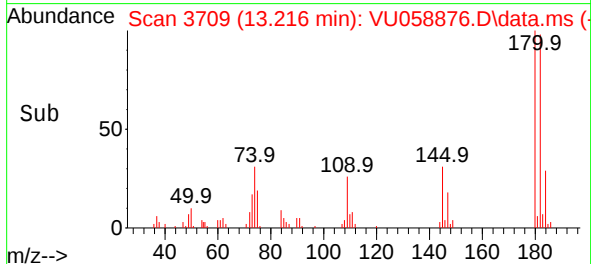
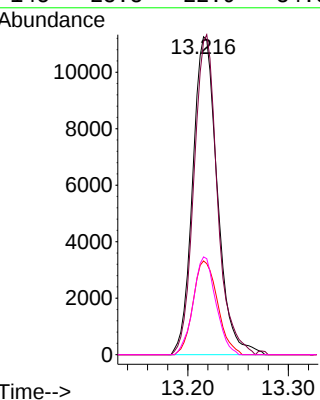
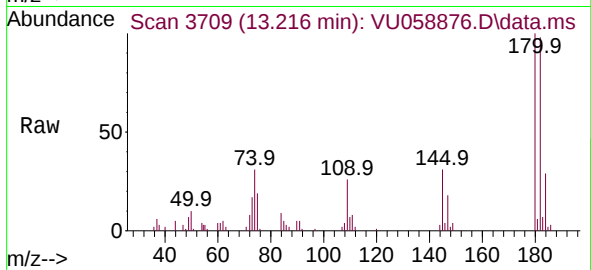
Ion Ratio Lower Upper

180 100

182 95.3 75.4 113.0

184 29.3 23.0 34.6

145 28.3 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 0.928 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.006 min

Lab File: VU058876.D

Acq: 14 May 2024 10:19

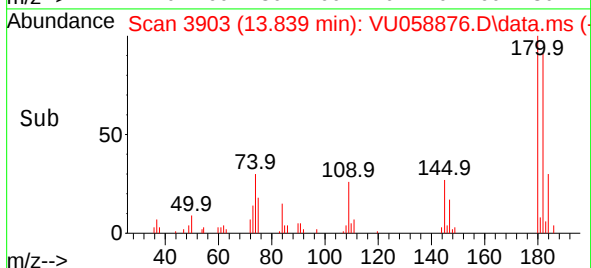
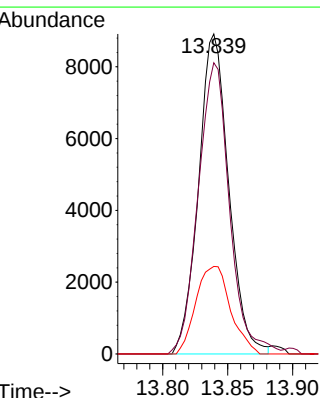
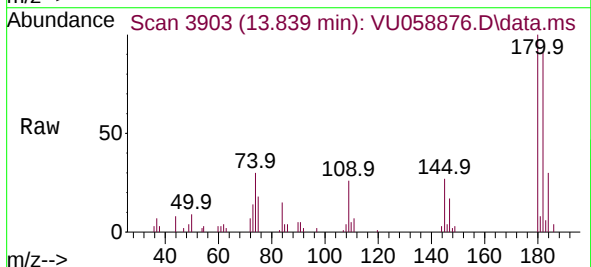
Tgt Ion:180 Resp: 14403

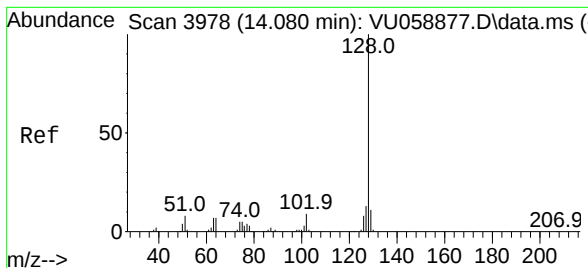
Ion Ratio Lower Upper

180 100

182 94.3 74.9 112.3

145 31.4 23.9 35.9





#71

Naphthalene

Concen: 0.754 ug/L

RT: 14.090 min Scan# 3978

Delta R.T. 0.010 min

Lab File: VU058876.D

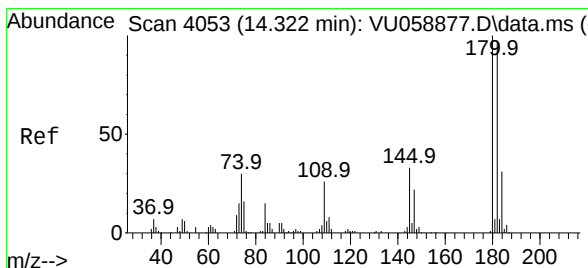
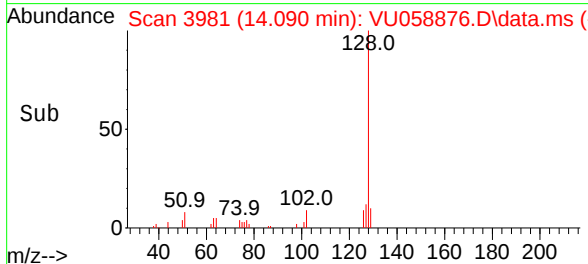
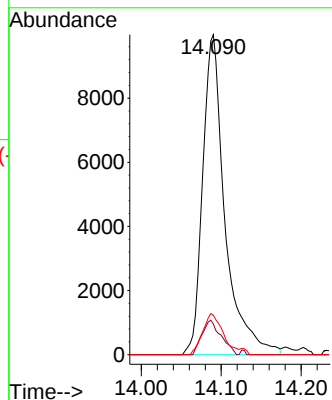
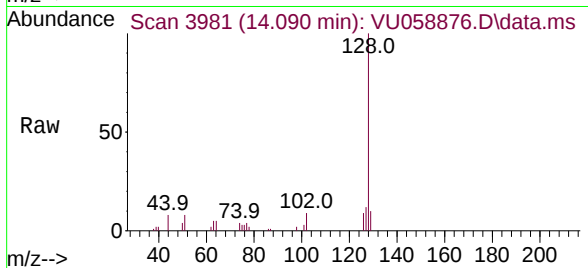
Acq: 14 May 2024 10:19

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	19361
Ion Ratio	Lower	Upper
128	100	
129	9.2	8.2 12.4
127	12.3	10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 0.949 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.003 min

Lab File: VU058876.D

Acq: 14 May 2024 10:19

Tgt Ion:180	Resp:	13199
Ion Ratio	Lower	Upper
180	100	
182	93.7	77.0 115.6
145	31.6	26.2 39.4

