

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059838.D
 Acq On : 04 Jul 2024 09:45
 Operator : MD/SY
 Sample : P3138-04MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 05 01:06:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 04 04:26:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	169519	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	171084	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	89015	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	50894	4.318	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.400%
7) Chloroethane-d5	1.911	69	44002	3.880	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.600%
11) 1,1-Dichloroethene-d2	2.560	65	18389	3.760	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.200%
20) 2-Butanone-d5	4.631	46	107597	44.314	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.620%
24) Chloroform-d	5.055	84	106535	4.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
26) 1,2-Dichloroethane-d4	5.695	65	45804	3.930	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
32) Benzene-d6	5.721	84	195407	4.150	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	6.682	67	58377	4.046	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.000%
41) Toluene-d8	7.891	98	181928	4.156	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	8.174	79	19951	4.416	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.627	63	93243	49.672	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.340%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	52782	4.428	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	66719	4.211	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	58917	4.102	ug/L	99
3) Chloromethane	1.515	50	71485	4.624	ug/L	98
5) Vinyl chloride	1.602	62	80806	4.732	ug/L	99
6) Bromomethane	1.853	94	46581	3.923	ug/L	96
8) Chloroethane	1.930	64	50109	4.870	ug/L	99
9) Trichlorofluoromethane	2.132	101	95073	4.625	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	58488	4.494	ug/L	96
12) 1,1-Dichloroethene	2.573	96	57619	4.792	ug/L	84
13) Acetone	2.644	43	74691	47.421	ug/L	93
14) Carbon disulfide	2.788	76	174866	4.359	ug/L	100
15) Methyl Acetate	2.952	43	14358	3.454	ug/L #	86
16) Methylene chloride	3.039	84	69092	4.850	ug/L	89
17) Methyl tert-butyl Ether	3.357	73	131257	5.066	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	60094	4.806	ug/L	90
19) 1,1-Dichloroethane	3.859	63	111656	4.843	ug/L	95
21) 2-Butanone	4.708	43	123590	48.921	ug/L	89
22) cis-1,2-Dichloroethene	4.660	96	68874	4.997	ug/L	93
23) Bromochloromethane	4.968	128	31771	5.057	ug/L	86
25) Chloroform	5.078	83	291536	12.005	ug/L	99

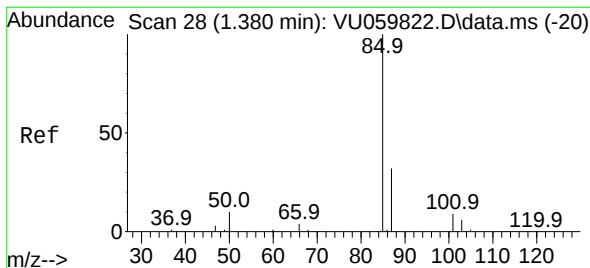
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	69192	4.702	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	92807	4.698	ug/L	99
30) Cyclohexane	5.380	56	81350	4.664	ug/L	95
31) Carbon tetrachloride	5.518	117	77913	4.710	ug/L	97
33) Benzene	5.766	78	261983	5.043	ug/L	100
34) Trichloroethene	6.537	95	65903	4.684	ug/L	96
35) Methylcyclohexane	6.756	83	87868	4.389	ug/L	94
37) 1,2-Dichloropropane	6.782	63	67207	4.999	ug/L #	97
38) Bromodichloromethane	7.097	83	83258	4.961	ug/L	93
39) cis-1,3-Dichloropropene	7.602	75	81838	4.451	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	329032	52.814	ug/L #	94
42) Toluene	7.962	91	279517	5.082	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	67250	4.557	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	51114	5.159	ug/L	98
47) Tetrachloroethene	8.547	164	53229	4.875	ug/L	95
48) 2-Hexanone	8.679	43	237200	53.348	ug/L #	92
49) Dibromochloromethane	8.801	129	55857	5.089	ug/L	98
50) 1,2-Dibromoethane	8.917	107	48065	5.253	ug/L	94
51) Chlorobenzene	9.441	112	174101	4.991	ug/L	97
52) Ethylbenzene	9.563	91	276770	4.905	ug/L	97
53) m,p-Xylene	9.688	106	108395	5.002	ug/L	96
54) o-Xylene	10.094	106	105570	5.133	ug/L	95
55) Styrene	10.110	104	179277	5.121	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.775	83	64342	5.353	ug/L	97
59) Bromoform	10.283	173	33257	4.882	ug/L #	97
60) Isopropylbenzene	10.476	105	271369	4.935	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	43354	5.270	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	208534	4.787	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	206397	4.956	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	140818	5.035	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	142580	4.953	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	133066	5.056	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	8777	5.470	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	101499	4.903	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	83060	5.230	ug/L	96
71) Naphthalene	14.081	128	132382	5.824	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	77876	5.281	ug/L	98

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



#2

Dichlorodifluoromethane

Concen: 4.102 ug/L

RT: 1.383 min Scan# 20

Delta R.T. 0.003 min

Lab File: VU059838.D

Acq: 04 Jul 2024 09:45

Instrument :

MSVOA_U

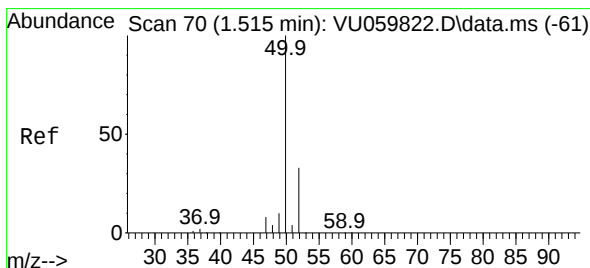
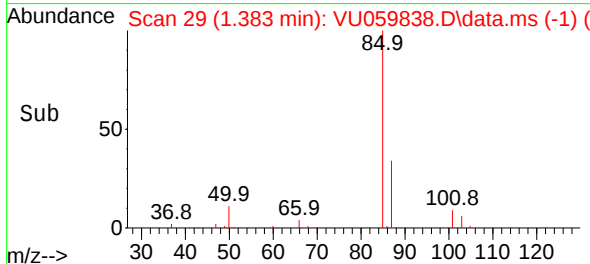
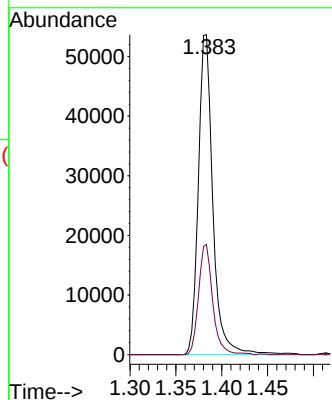
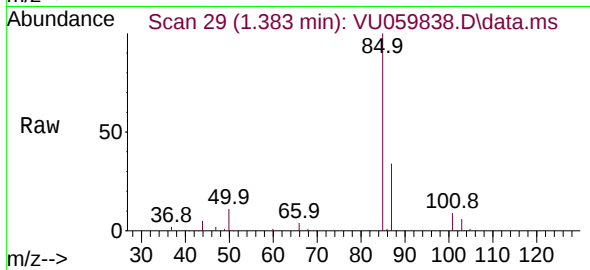
ClientSampleId :

Tgt Ion: 85 Resp: 58917

Ion Ratio Lower Upper

85 100

87 33.6 26.6 40.0



#3

Chloromethane

Concen: 4.624 ug/L

RT: 1.515 min Scan# 70

Delta R.T. 0.000 min

Lab File: VU059838.D

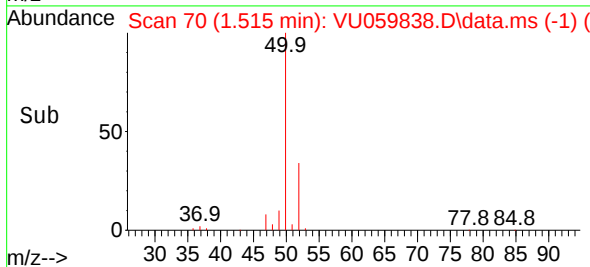
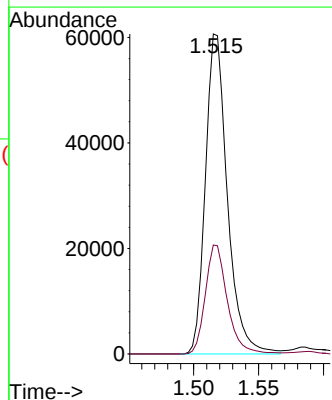
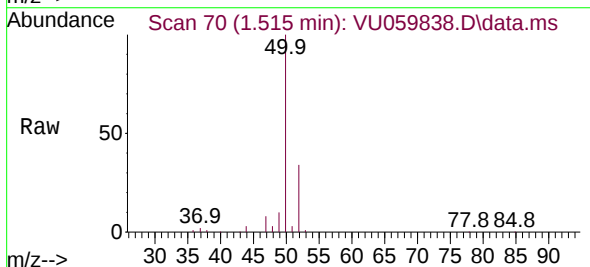
Acq: 04 Jul 2024 09:45

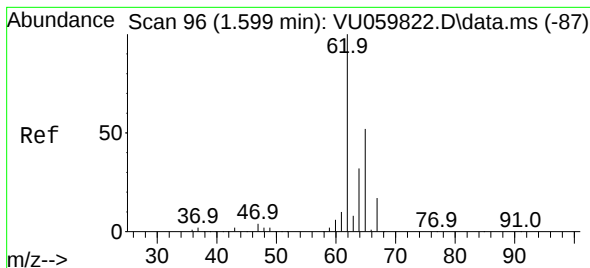
Tgt Ion: 50 Resp: 71485

Ion Ratio Lower Upper

50 100

52 34.1 23.2 43.0





#5

Vinyl chloride

Concen: 4.732 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.003 min

Lab File: VU059838.D

Acq: 04 Jul 2024 09:45

Instrument :

MSVOA_U

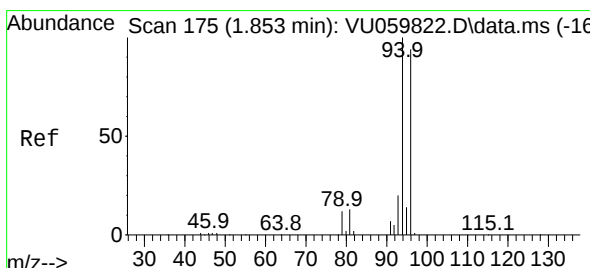
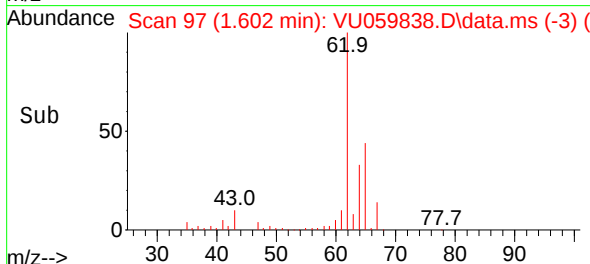
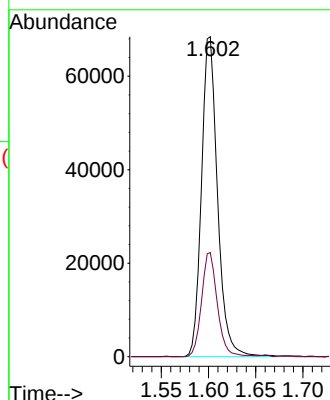
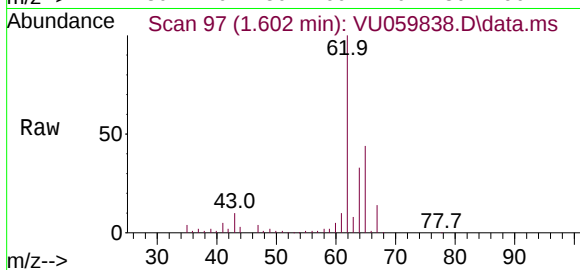
ClientSampleId :

Tgt Ion: 62 Resp: 80806

Ion Ratio Lower Upper

62 100

64 32.5 23.1 42.9



#6

Bromomethane

Concen: 3.923 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.000 min

Lab File: VU059838.D

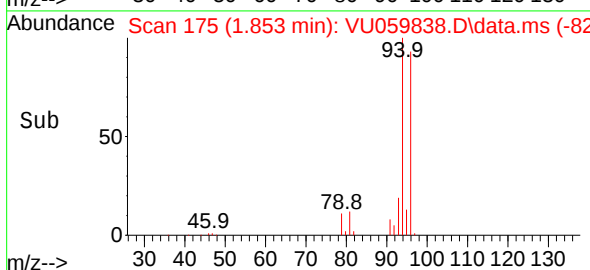
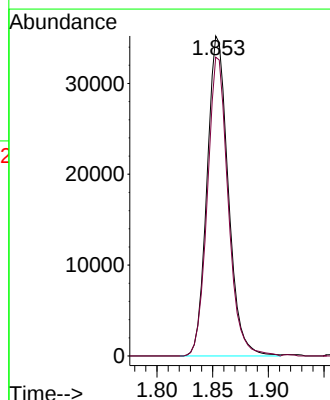
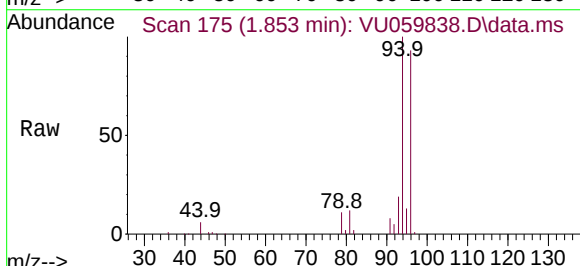
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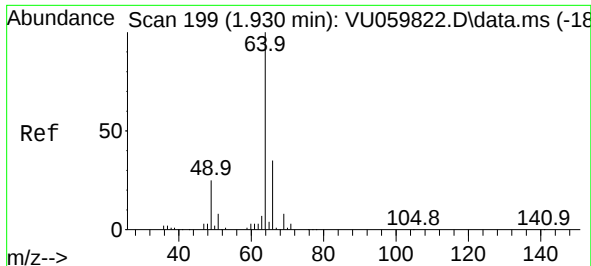
Tgt Ion: 94 Resp: 46581

Ion Ratio Lower Upper

94 100

96 93.3 62.9 116.9

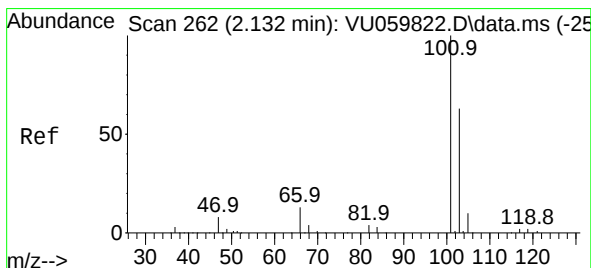
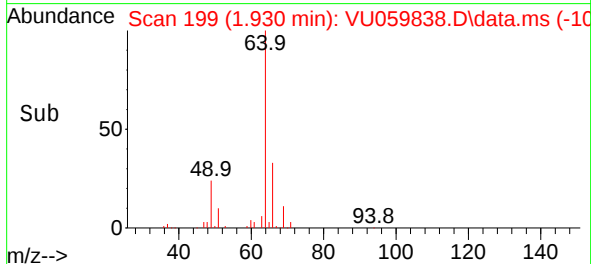
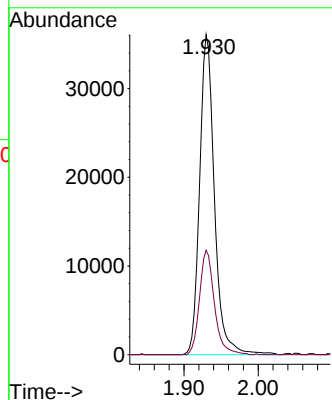
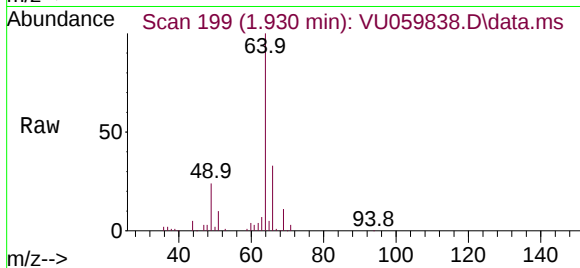




#8
Chloroethane
Concen: 4.870 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU059838.D
Acq: 04 Jul 2024 09:45

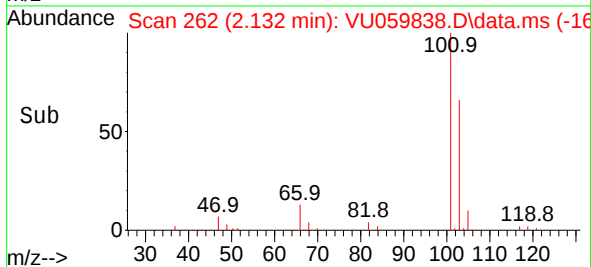
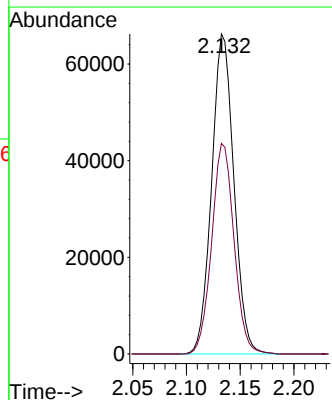
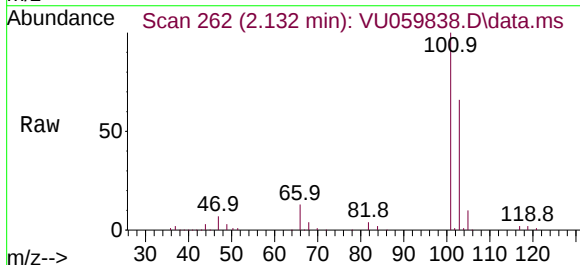
Instrument :
MSVOA_U
ClientSampleId :

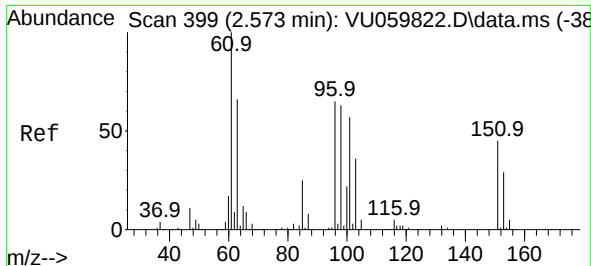
Tgt Ion: 64 Resp: 50109
Ion Ratio Lower Upper
64 100
66 32.6 23.2 43.2



#9
Trichlorofluoromethane
Concen: 4.625 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU059838.D
Acq: 04 Jul 2024 09:45

Tgt Ion:101 Resp: 95073
Ion Ratio Lower Upper
101 100
103 66.1 52.6 79.0

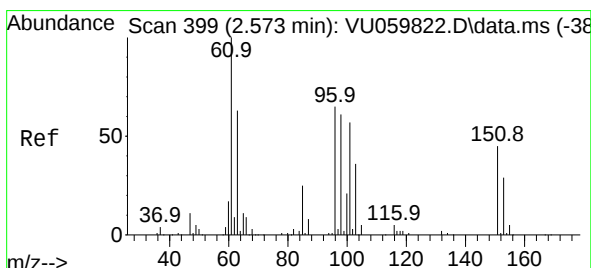
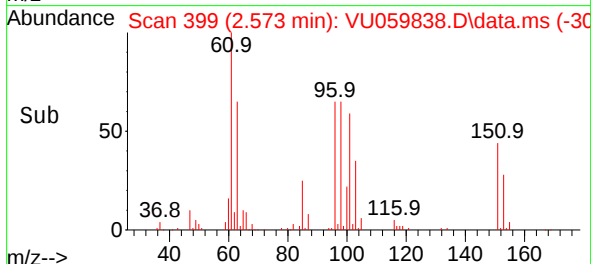
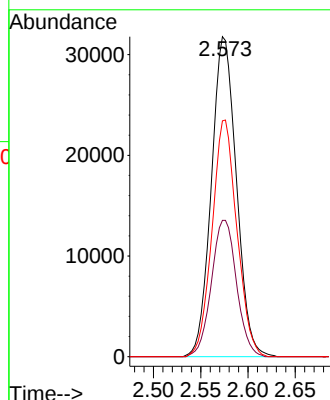
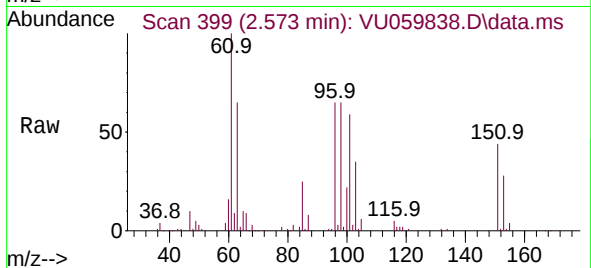




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.494 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU059838.D
Acq: 04 Jul 2024 09:45

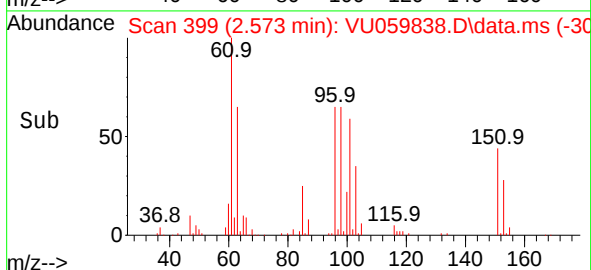
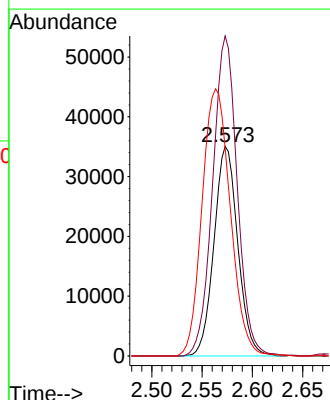
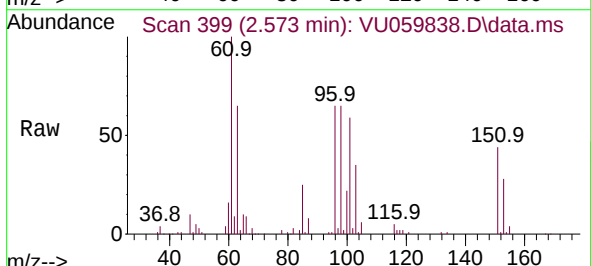
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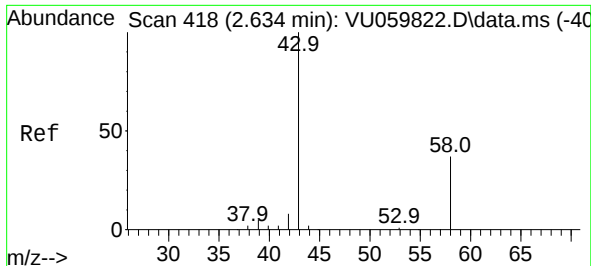
Tgt Ion:101 Resp: 58488
Ion Ratio Lower Upper
101 100
85 42.7 36.2 54.4
151 73.4 55.5 83.3



#12
1,1-Dichloroethene
Concen: 4.792 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU059838.D
Acq: 04 Jul 2024 09:45

Tgt Ion: 96 Resp: 57619
Ion Ratio Lower Upper
96 100
61 152.7 122.9 228.3
63 99.2 80.4 149.4





#13

Acetone

Concen: 47.421 ug/L

RT: 2.644 min Scan# 41

Delta R.T. 0.010 min

Lab File: VU059838.D

Acq: 04 Jul 2024 09:45

Instrument :

MSVOA_U

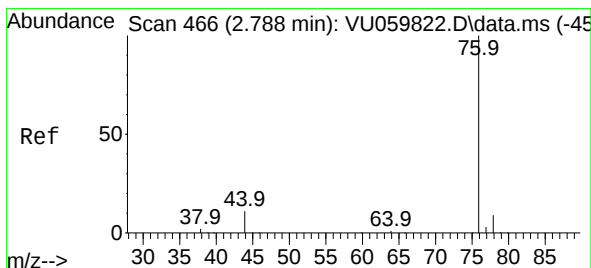
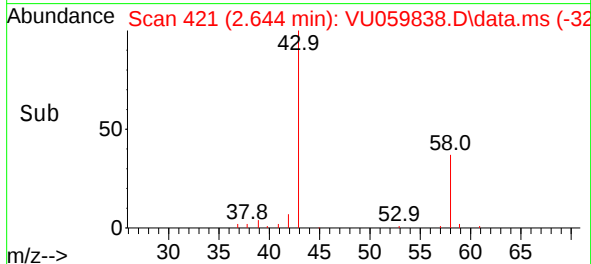
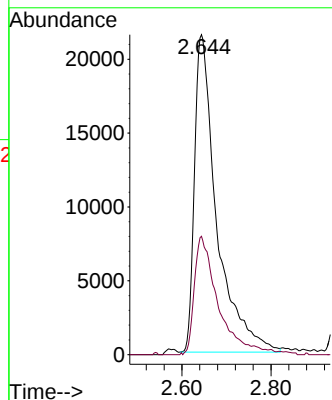
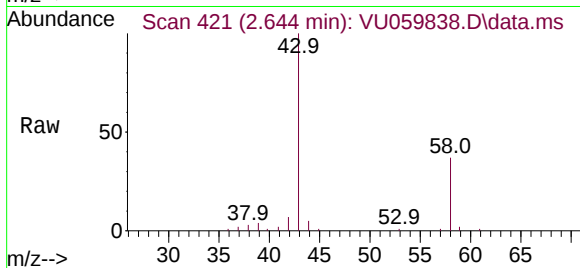
ClientSampleId :

Tgt Ion: 43 Resp: 74691

Ion Ratio Lower Upper

43 100

58 38.2 0.0 68.0



#14

Carbon disulfide

Concen: 4.359 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU059838.D

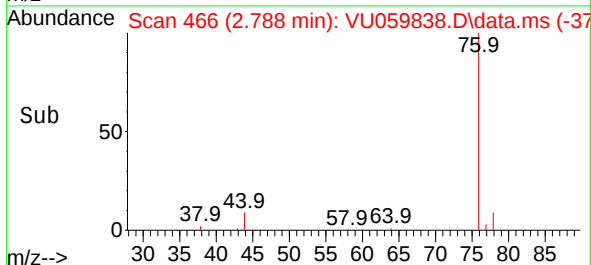
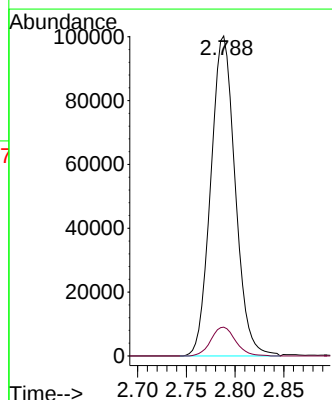
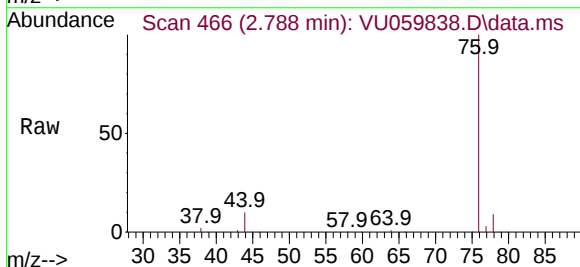
Acq: 04 Jul 2024 09:45

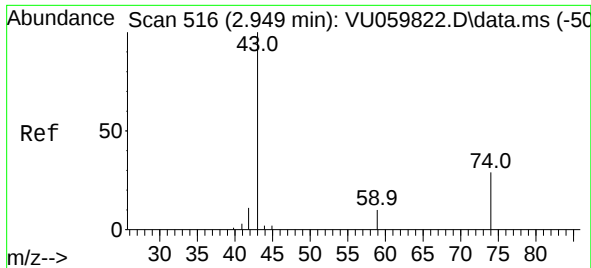
Tgt Ion: 76 Resp: 174866

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9





#15

Methyl Acetate

Concen: 3.454 ug/L

RT: 2.952 min Scan# 516

Delta R.T. 0.003 min

Lab File: VU059838.D

Acq: 04 Jul 2024 09:45

Instrument :

MSVOA_U

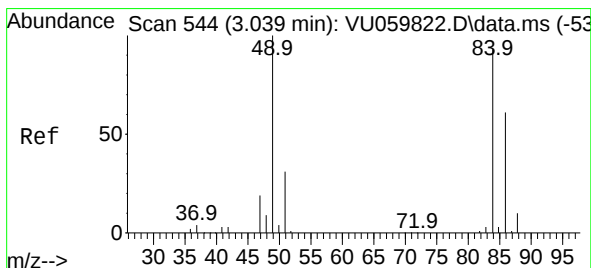
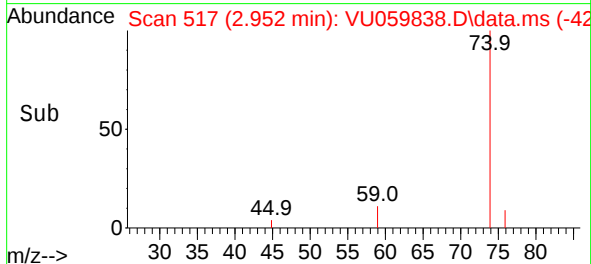
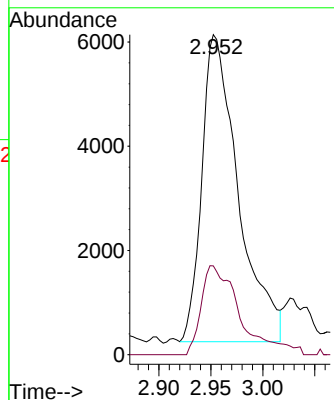
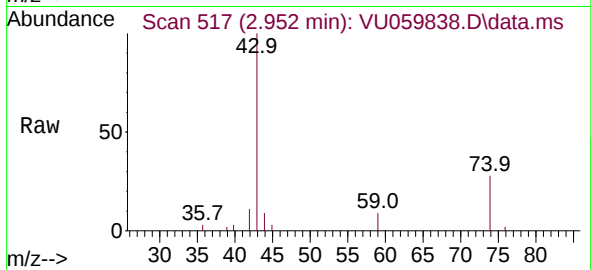
ClientSampleId :

Tgt Ion: 43 Resp: 14358

Ion Ratio Lower Upper

43 100

74 30.9 19.2 28.8#



#16

Methylene chloride

Concen: 4.850 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU059838.D

Acq: 04 Jul 2024 09:45

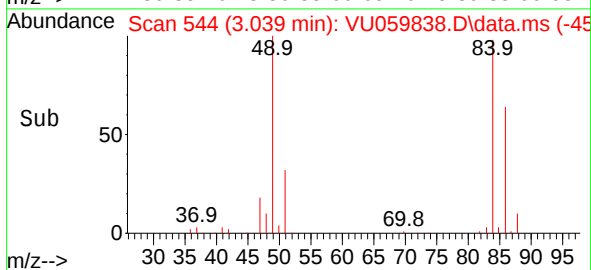
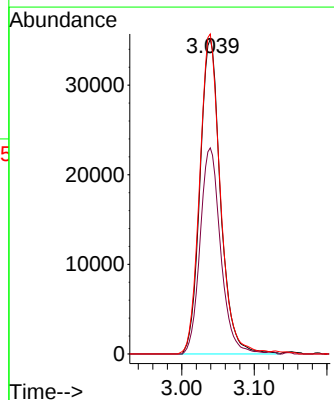
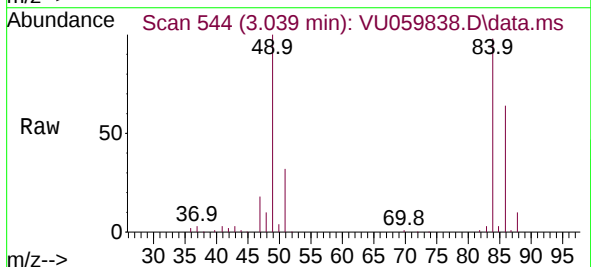
Tgt Ion: 84 Resp: 69092

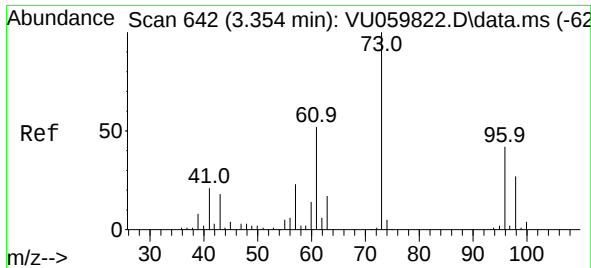
Ion Ratio Lower Upper

84 100

86 65.5 42.1 78.1

49 101.6 80.6 149.8

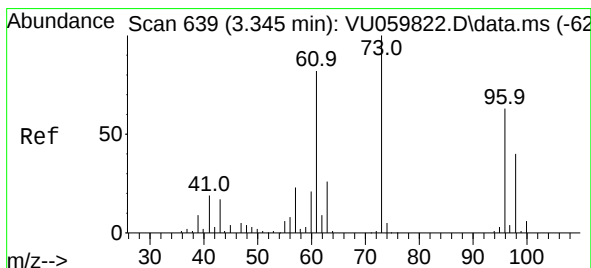
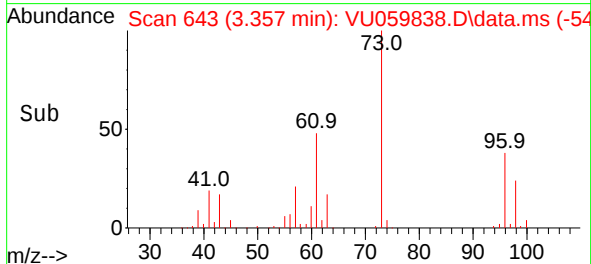
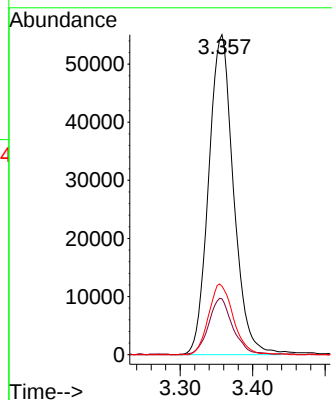
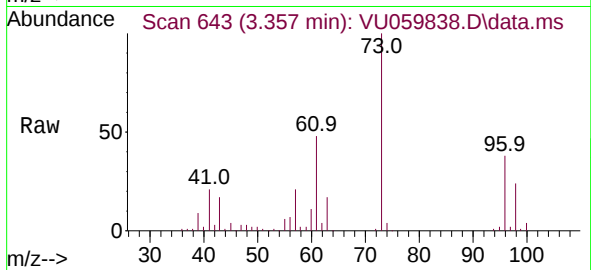




#17
Methyl tert-butyl Ether
Concen: 5.066 ug/L
RT: 3.357 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU059838.D
Acq: 04 Jul 2024 09:45

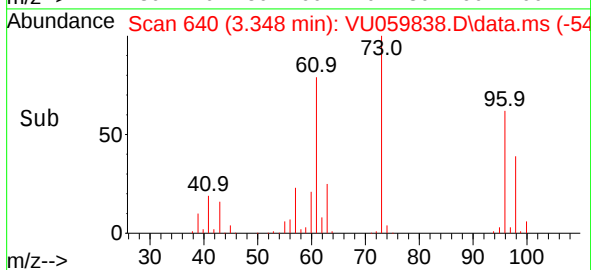
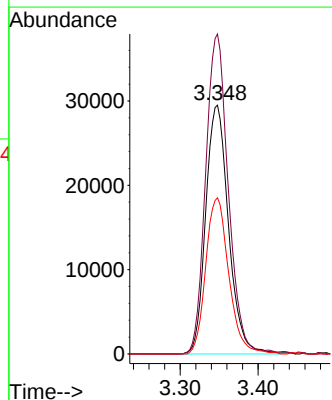
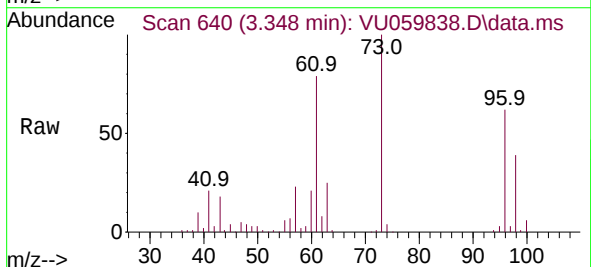
Instrument :
MSVOA_U
ClientSampleId :

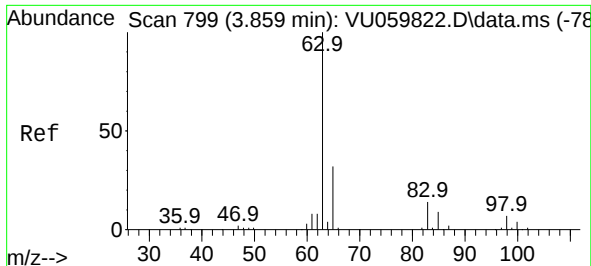
Tgt Ion: 73 Resp: 131257
Ion Ratio Lower Upper
73 100
43 17.2 14.9 22.3
57 21.8 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 4.806 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU059838.D
Acq: 04 Jul 2024 09:45

Tgt Ion: 96 Resp: 60094
Ion Ratio Lower Upper
96 100
61 128.6 101.8 189.0
98 62.8 43.3 80.5

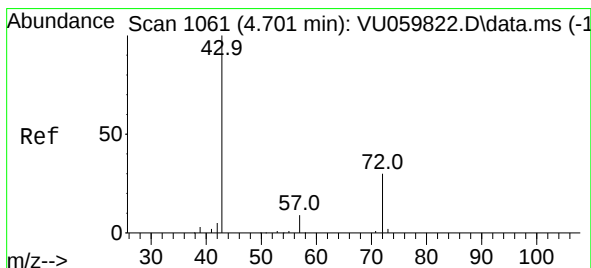
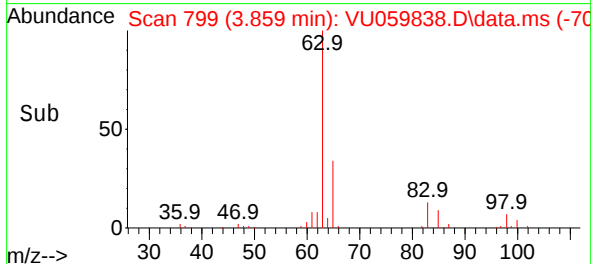
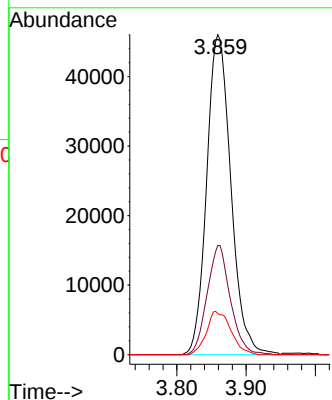
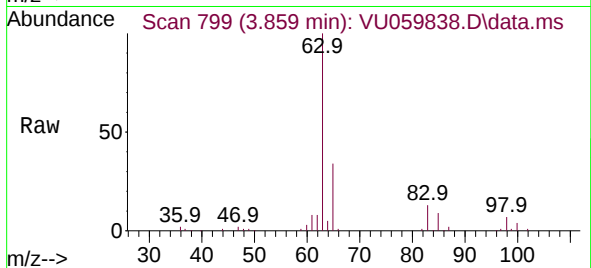




#19
1,1-Dichloroethane
Concen: 4.843 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU059838.D
Acq: 04 Jul 2024 09:45

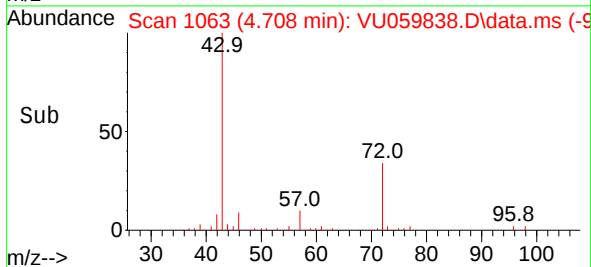
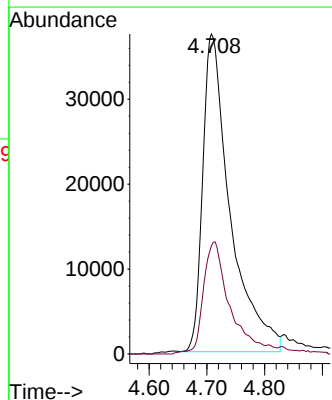
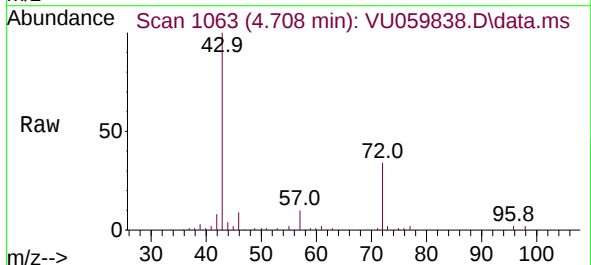
Instrument :
MSVOA_U
ClientSampleId :

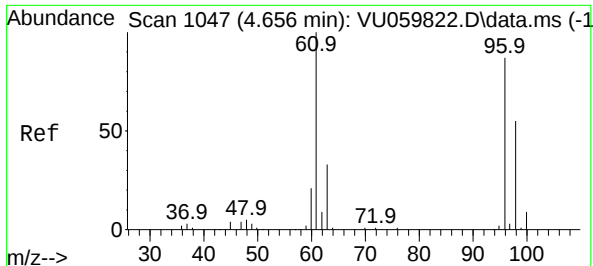
Tgt Ion: 63 Resp: 111656
Ion Ratio Lower Upper
63 100
65 34.1 21.8 40.6
83 12.9 9.9 18.5



#21
2-Butanone
Concen: 48.921 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VU059838.D
Acq: 04 Jul 2024 09:45

Tgt Ion: 43 Resp: 123590
Ion Ratio Lower Upper
43 100
72 33.5 13.8 41.4





#22

cis-1,2-Dichloroethene

Concen: 4.997 ug/L

RT: 4.660 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU059838.D

Acq: 04 Jul 2024 09:45

Instrument :

MSVOA_U

ClientSampleId :

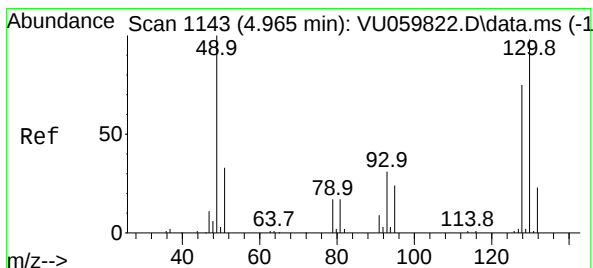
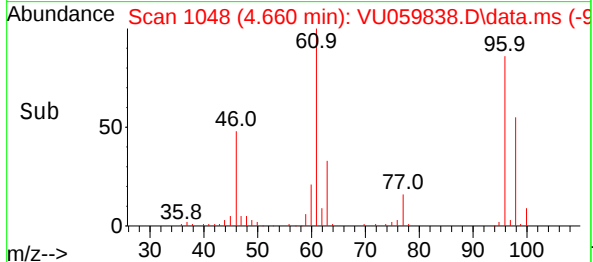
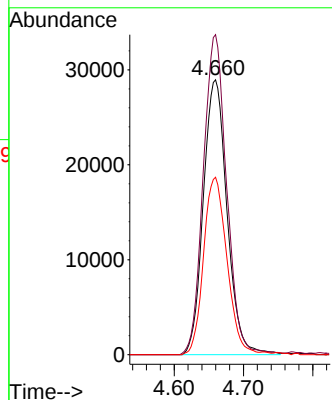
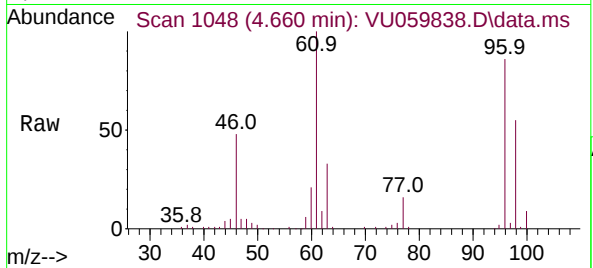
Tgt Ion: 96 Resp: 68874

Ion Ratio Lower Upper

96 100

61 116.4 87.4 162.2

98 64.6 42.3 78.5



#23

Bromochloromethane

Concen: 5.057 ug/L

RT: 4.968 min Scan# 1144

Delta R.T. 0.003 min

Lab File: VU059838.D

Acq: 04 Jul 2024 09:45

Tgt Ion: 128 Resp: 31771

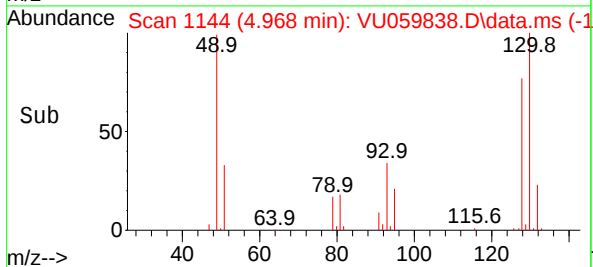
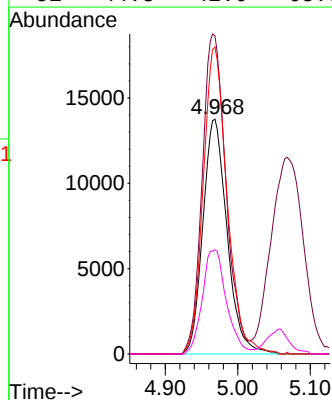
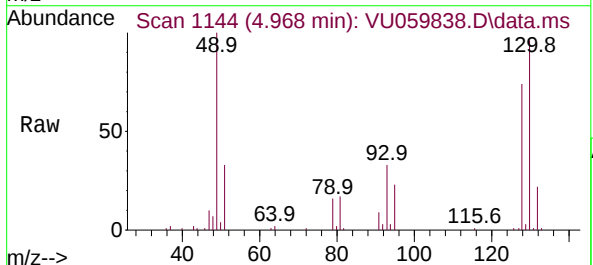
Ion Ratio Lower Upper

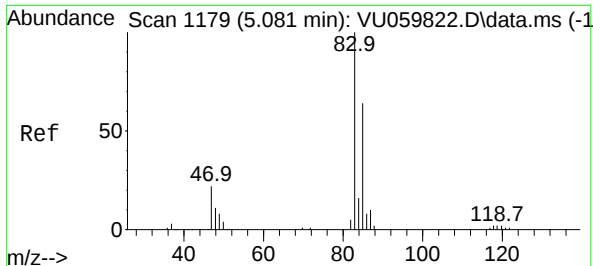
128 100

49 135.5 117.0 217.4

130 130.7 89.6 166.4

51 44.3 42.0 63.0





#25

Chloroform

Concen: 12.005 ug/L

RT: 5.078 min Scan# 1179

Delta R.T. -0.003 min

Lab File: VU059838.D

Acq: 04 Jul 2024 09:45

Instrument :

MSVOA_U

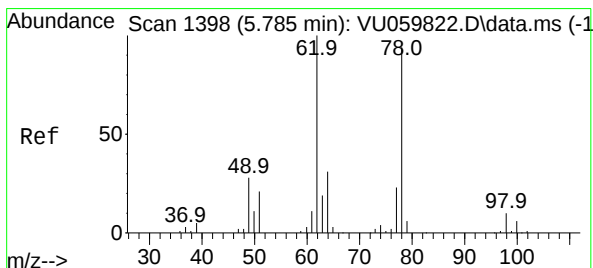
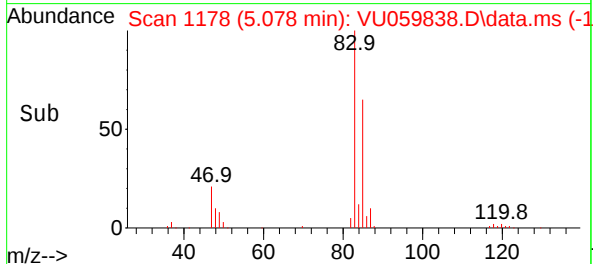
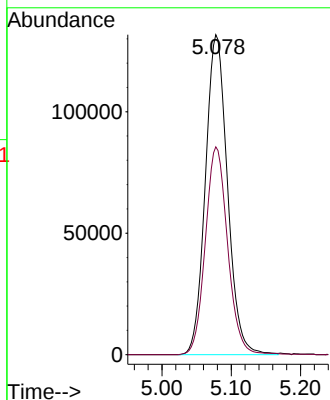
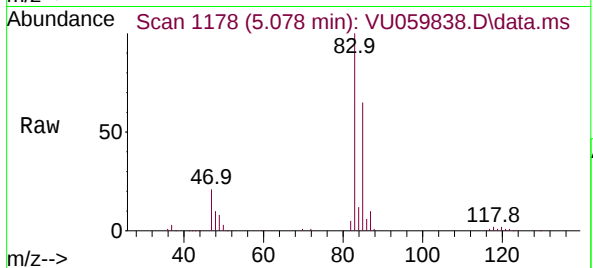
ClientSampleId :

Tgt Ion: 83 Resp: 291536

Ion Ratio Lower Upper

83 100

85 64.9 44.7 83.1



#27

1,2-Dichloroethane

Concen: 4.702 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU059838.D

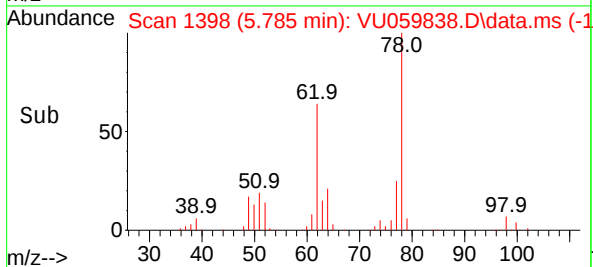
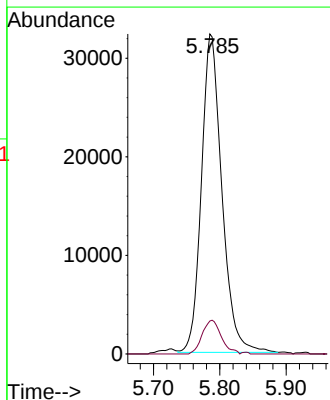
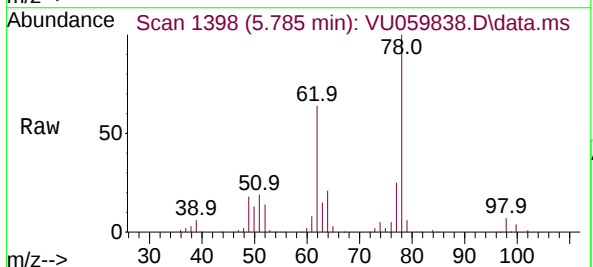
Acq: 04 Jul 2024 09:45

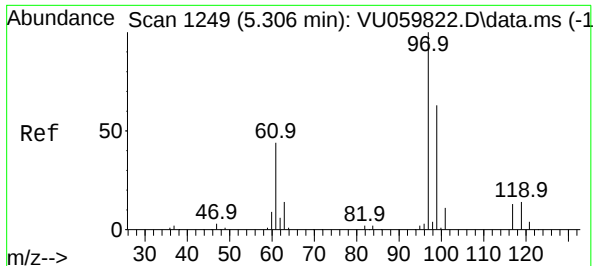
Tgt Ion: 62 Resp: 69192

Ion Ratio Lower Upper

62 100

98 10.3 7.5 11.3

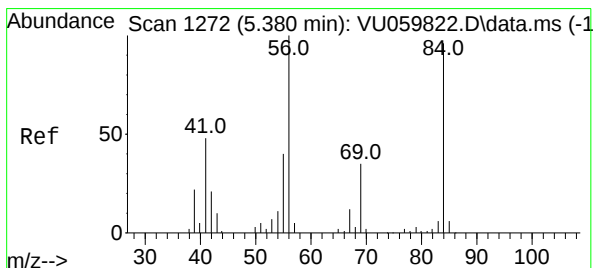
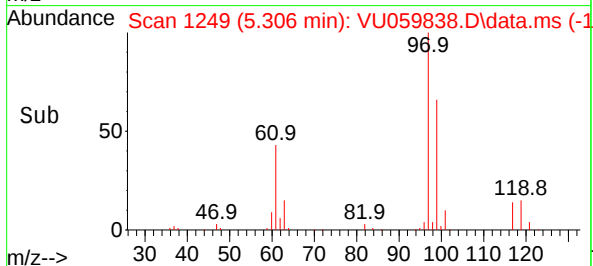
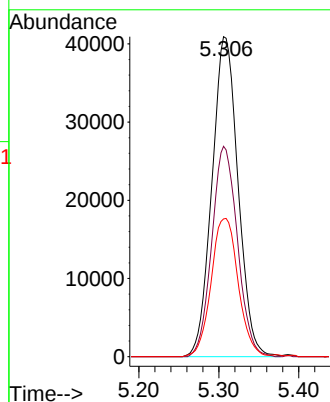
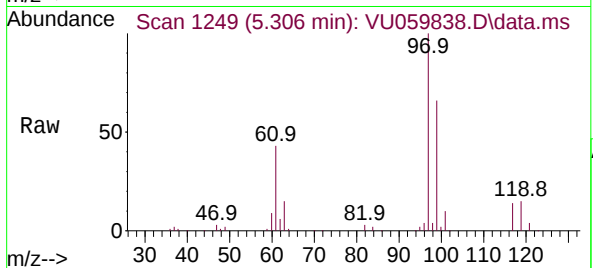




#29
1,1,1-Trichloroethane
Concen: 4.698 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU059838.D
Acq: 04 Jul 2024 09:45

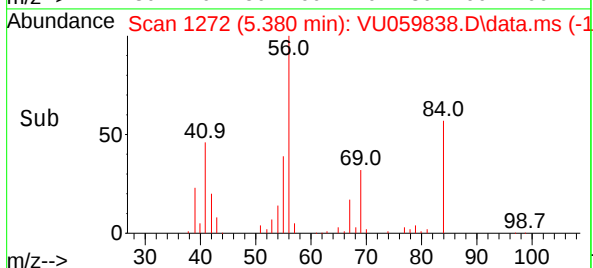
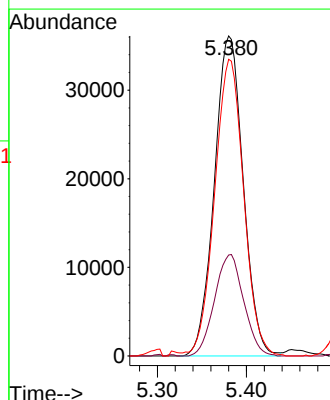
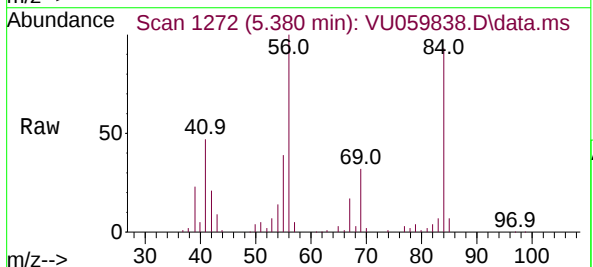
Instrument :
MSVOA_U
ClientSampleId :

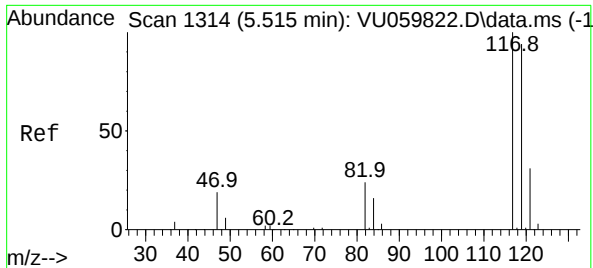
Tgt Ion: 97 Resp: 92807
Ion Ratio Lower Upper
97 100
99 64.6 51.8 77.6
61 44.7 37.4 56.2



#30
Cyclohexane
Concen: 4.664 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU059838.D
Acq: 04 Jul 2024 09:45

Tgt Ion: 56 Resp: 81350
Ion Ratio Lower Upper
56 100
69 31.9 24.8 37.2
84 93.3 69.8 104.8

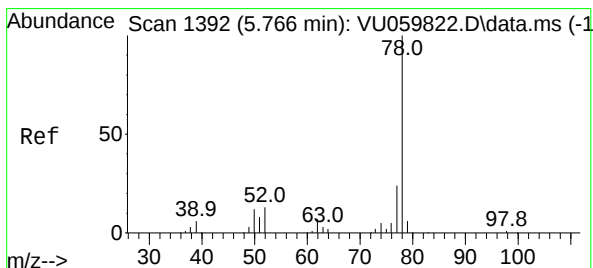
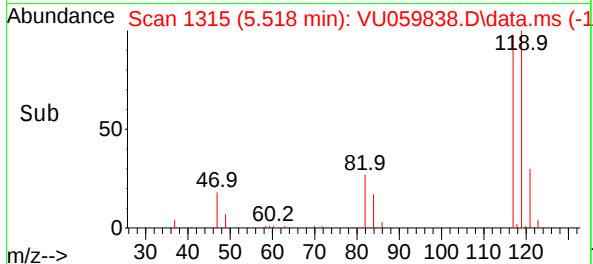
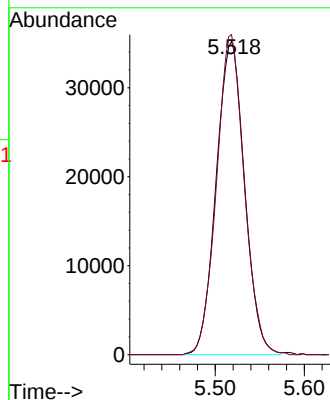
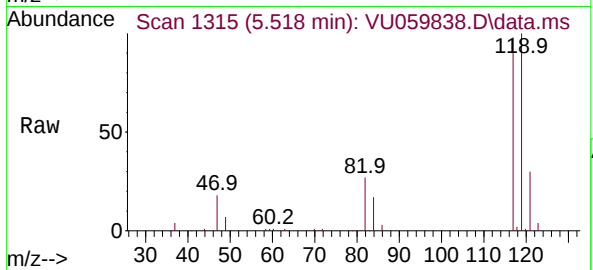




#31
Carbon tetrachloride
Concen: 4.710 ug/L
RT: 5.518 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU059838.D
Acq: 04 Jul 2024 09:45

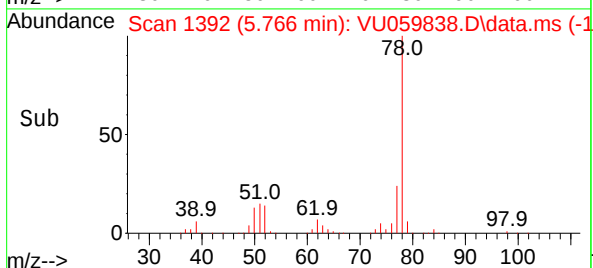
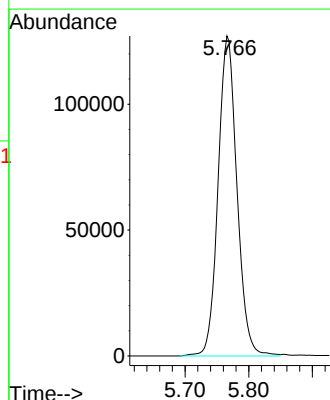
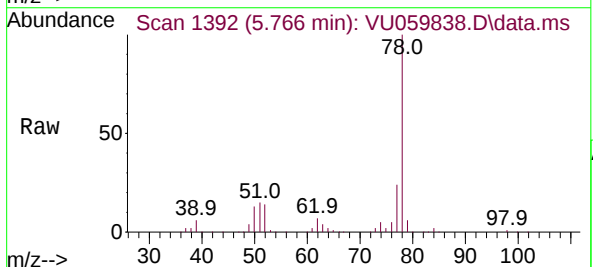
Instrument :
MSVOA_U
ClientSampleId :

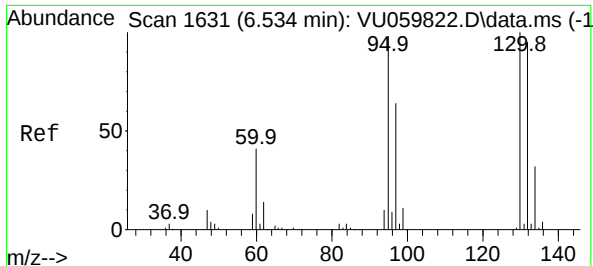
Tgt Ion:117 Resp: 77913
Ion Ratio Lower Upper
117 100
119 99.9 77.5 116.3



#33
Benzene
Concen: 5.043 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU059838.D
Acq: 04 Jul 2024 09:45

Tgt Ion: 78 Resp: 261983

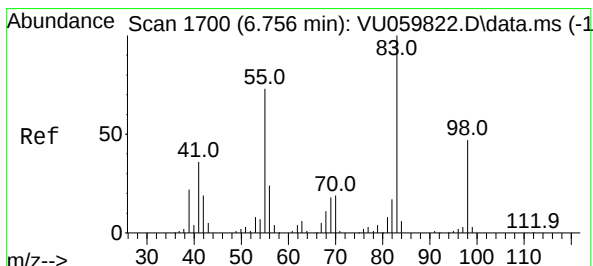
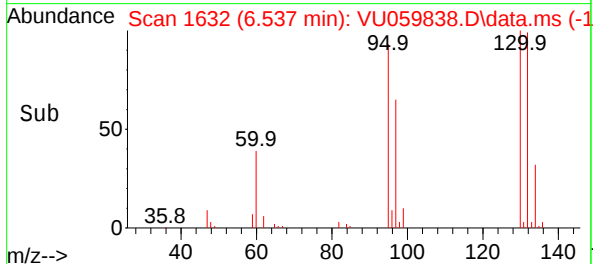
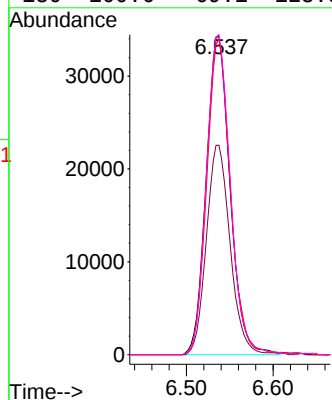
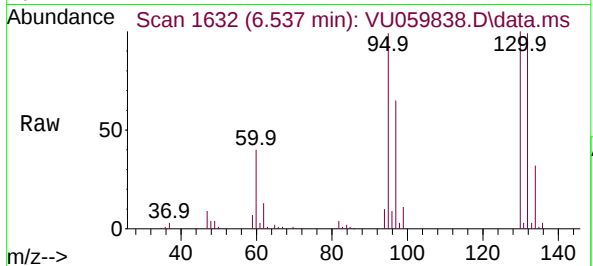




#34
Trichloroethene
Concen: 4.684 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU059838.D
Acq: 04 Jul 2024 09:45

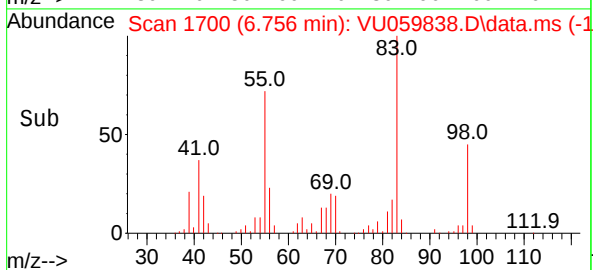
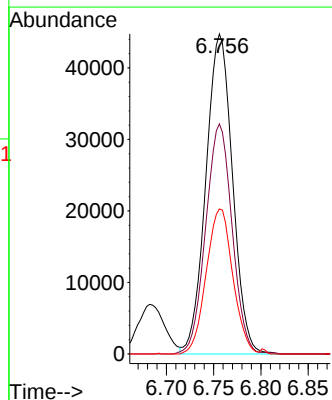
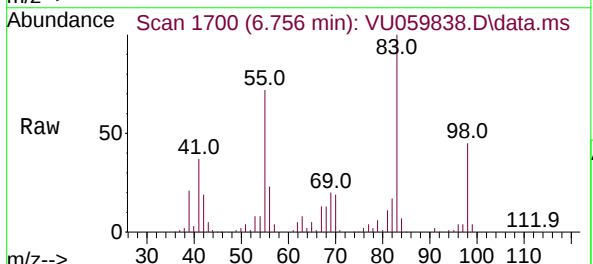
Instrument :
MSVOA_U
ClientSampleId :

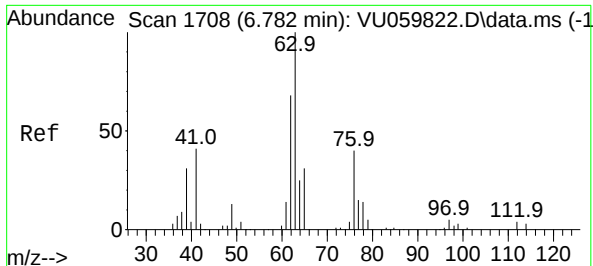
Tgt Ion: 95 Resp: 65903
Ion Ratio Lower Upper
95 100
97 65.9 45.3 84.1
132 99.2 64.0 119.0
130 100.6 69.1 128.3



#35
Methylcyclohexane
Concen: 4.389 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU059838.D
Acq: 04 Jul 2024 09:45

Tgt Ion: 83 Resp: 87868
Ion Ratio Lower Upper
83 100
55 71.3 62.7 94.1
98 45.2 35.4 53.0

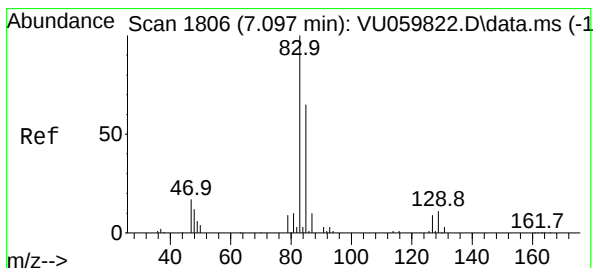
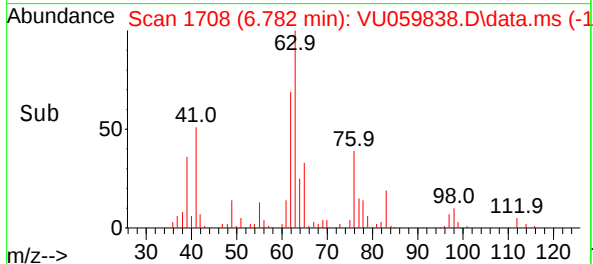
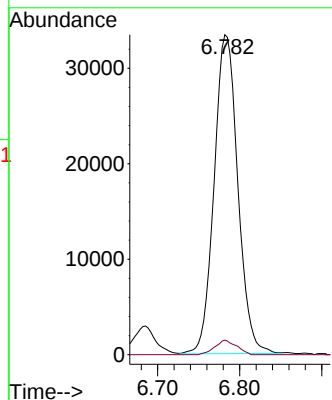
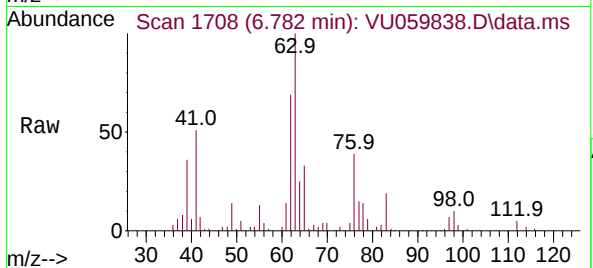




#37
1,2-Dichloropropane
Concen: 4.999 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VU059838.D
Acq: 04 Jul 2024 09:45

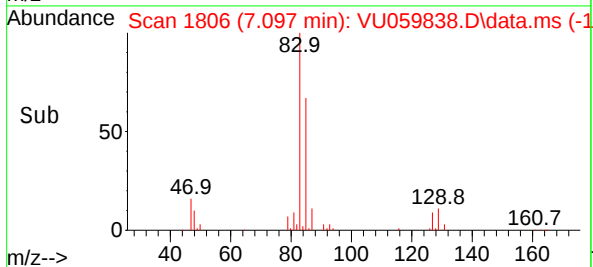
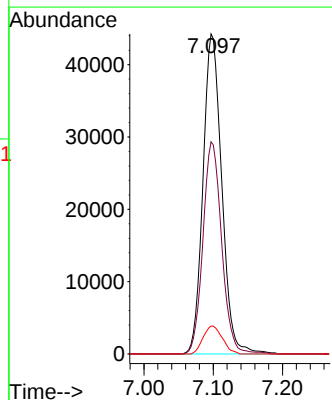
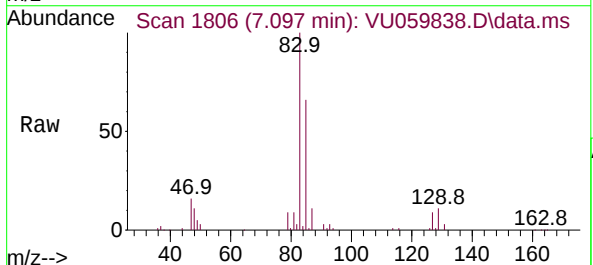
Instrument :
MSVOA_U
ClientSampleId :

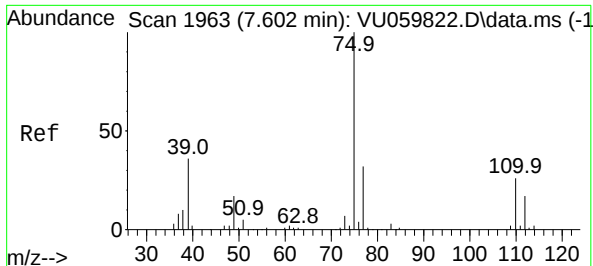
Tgt Ion: 63 Resp: 67207
Ion Ratio Lower Upper
63 100
112 4.1 2.6 3.8#



#38
Bromodichloromethane
Concen: 4.961 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU059838.D
Acq: 04 Jul 2024 09:45

Tgt Ion: 83 Resp: 83258
Ion Ratio Lower Upper
83 100
85 66.3 42.7 79.3
127 8.7 6.1 9.1

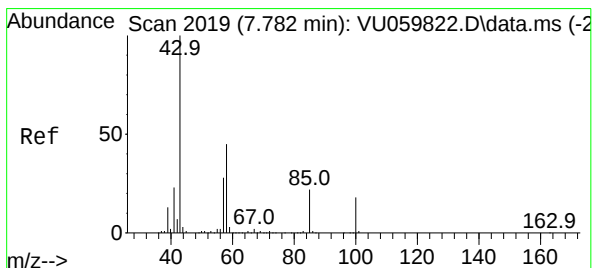
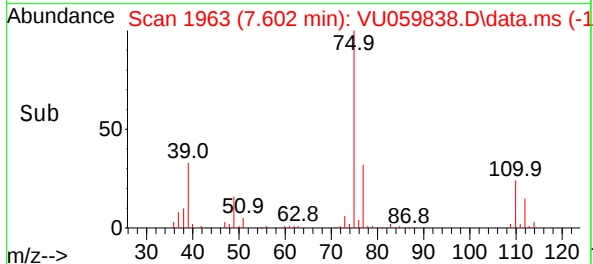
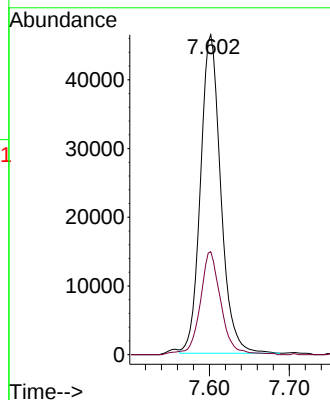
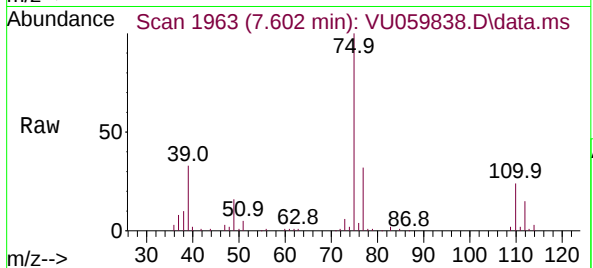




#39
 cis-1,3-Dichloropropene
 Concen: 4.451 ug/L
 RT: 7.602 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VU059838.D
 Acq: 04 Jul 2024 09:45

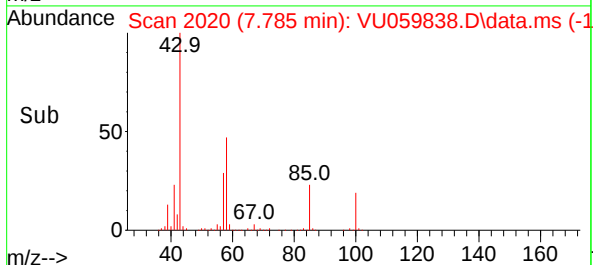
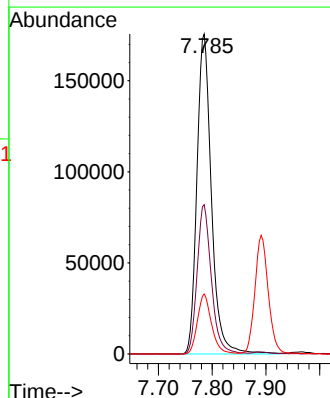
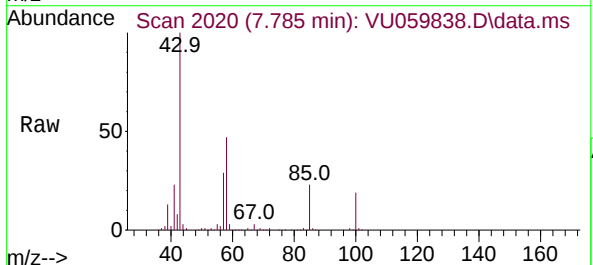
Instrument :
 MSVOA_U
 ClientSampleId :

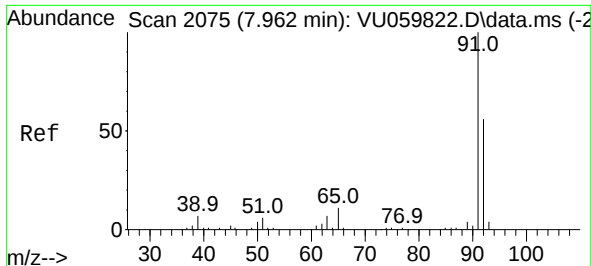
Tgt Ion: 75 Resp: 81838
 Ion Ratio Lower Upper
 75 100
 77 32.2 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 52.814 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.003 min
 Lab File: VU059838.D
 Acq: 04 Jul 2024 09:45

Tgt Ion: 43 Resp: 329032
 Ion Ratio Lower Upper
 43 100
 58 45.8 34.0 51.0
 100 18.2 12.1 18.1#





#42

Toluene

Concen: 5.082 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU059838.D

Acq: 04 Jul 2024 09:45

Instrument :

MSVOA_U

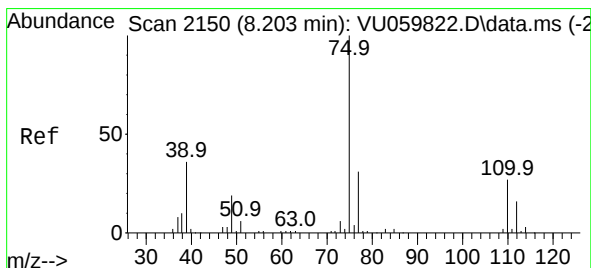
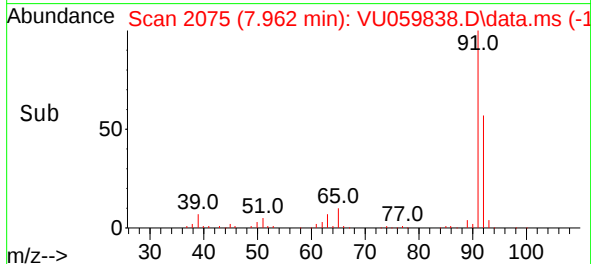
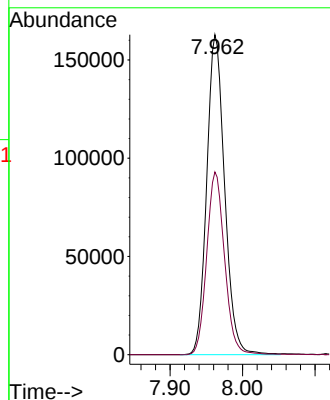
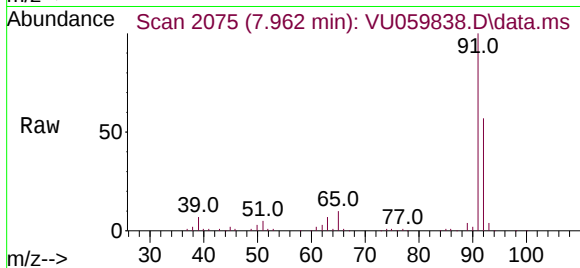
ClientSampleId :

Tgt Ion: 91 Resp: 279517

Ion Ratio Lower Upper

91 100

92 57.1 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 4.557 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU059838.D

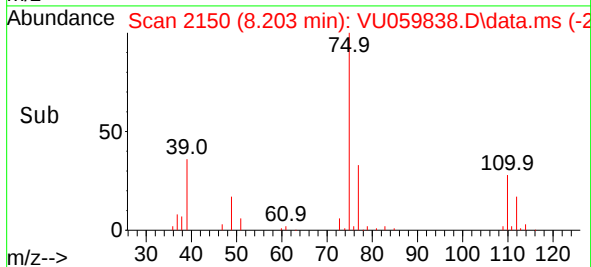
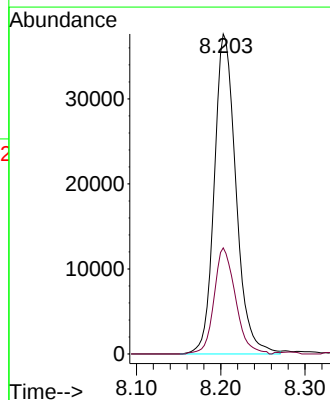
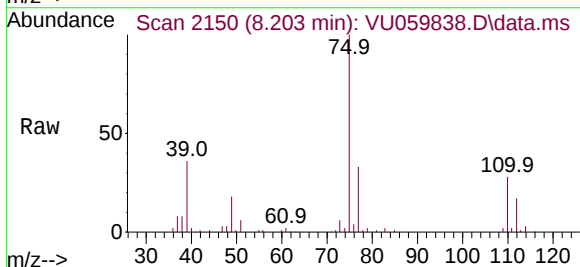
Acq: 04 Jul 2024 09:45

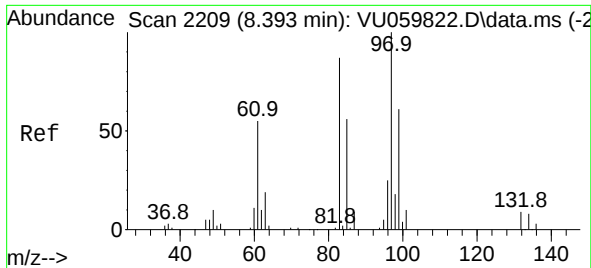
Tgt Ion: 75 Resp: 67250

Ion Ratio Lower Upper

75 100

77 33.2 22.0 41.0

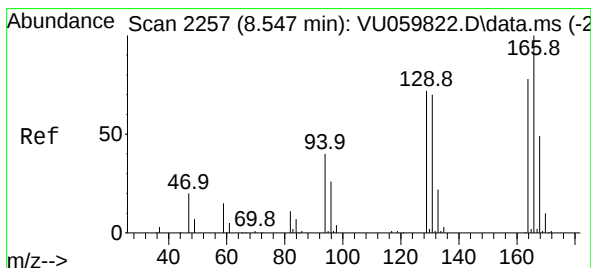
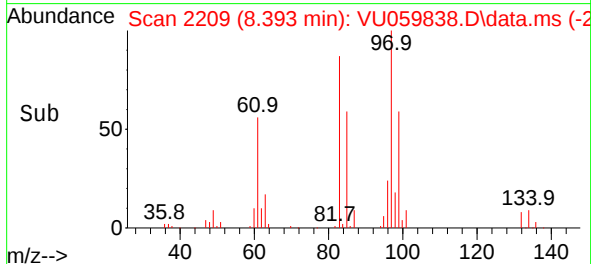
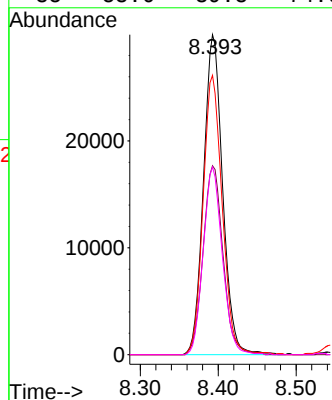
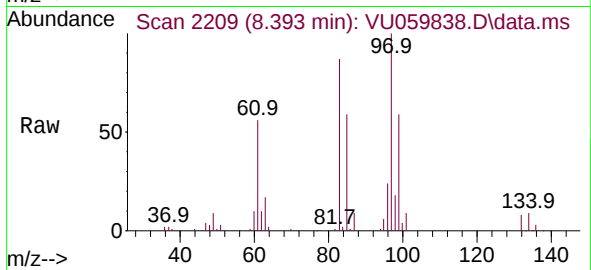




#45
1,1,2-Trichloroethane
Concen: 5.159 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU059838.D
Acq: 04 Jul 2024 09:45

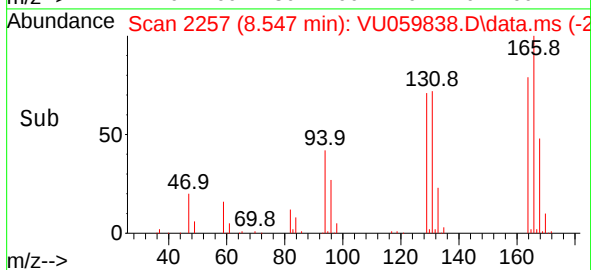
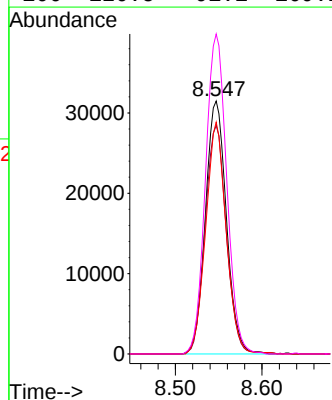
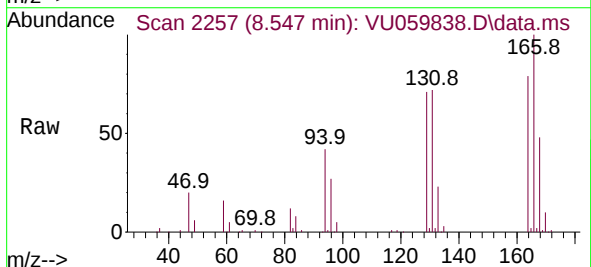
Instrument :
MSVOA_U
ClientSampleId :

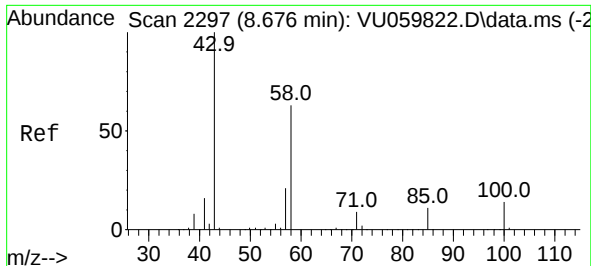
Tgt Ion:	97	Resp:	51114
Ion	Ratio	Lower	Upper
97	100		
99	59.0	43.3	80.3
83	87.3	62.3	115.7
85	58.6	39.8	74.0



#47
Tetrachloroethene
Concen: 4.875 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU059838.D
Acq: 04 Jul 2024 09:45

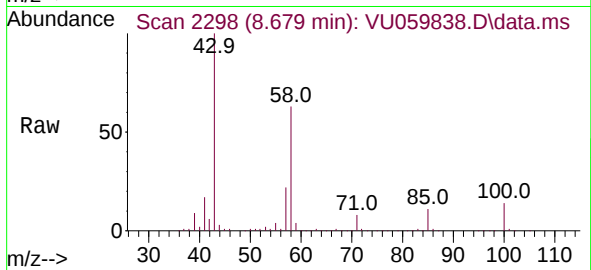
Tgt Ion:	164	Resp:	53229
Ion	Ratio	Lower	Upper
164	100		
129	90.3	70.8	131.4
131	91.6	64.8	120.3
166	126.5	91.1	169.1



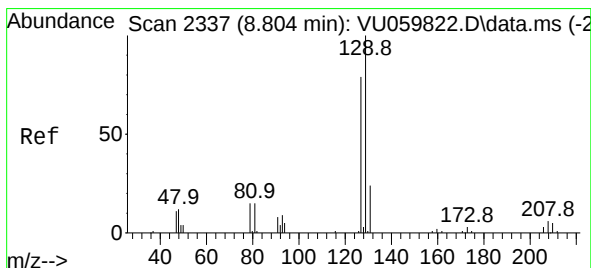
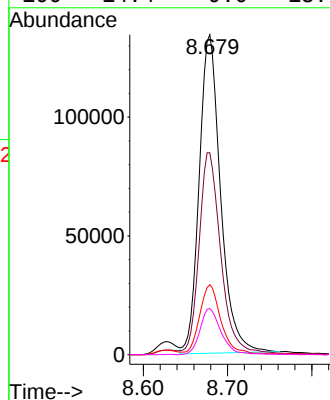
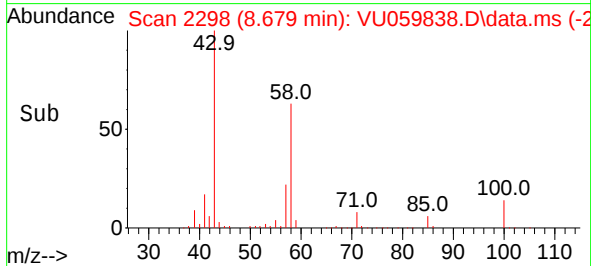


#48
2-Hexanone
Concen: 53.348 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU059838.D
Acq: 04 Jul 2024 09:45

Instrument :
MSVOA_U
ClientSampleId :

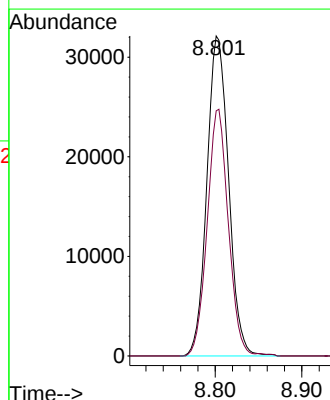
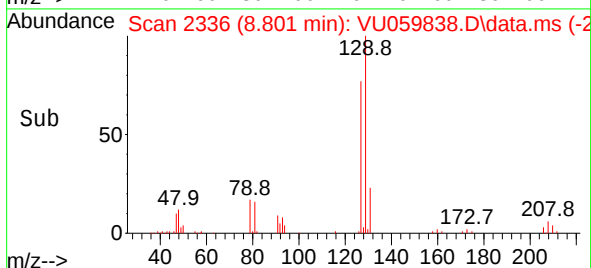
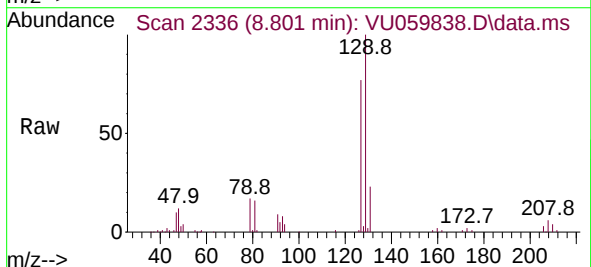


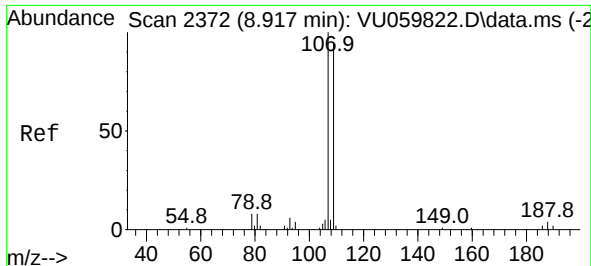
Tgt Ion: 43 Resp: 237200
Ion Ratio Lower Upper
43 100
58 64.3 46.1 69.1
57 21.9 15.5 23.3
100 14.4 9.0 13.6#



#49
Dibromochloromethane
Concen: 5.089 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.003 min
Lab File: VU059838.D
Acq: 04 Jul 2024 09:45

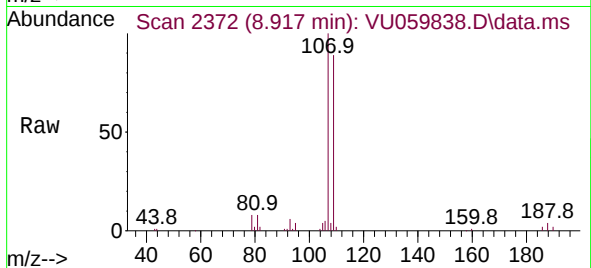
Tgt Ion: 129 Resp: 55857
Ion Ratio Lower Upper
129 100
127 76.6 52.5 97.5



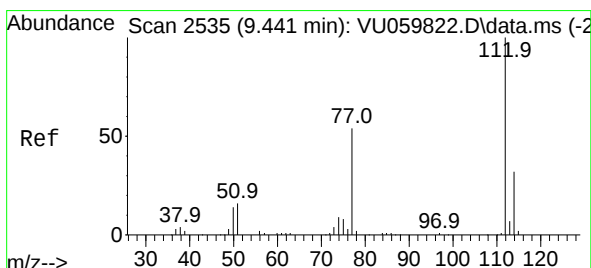
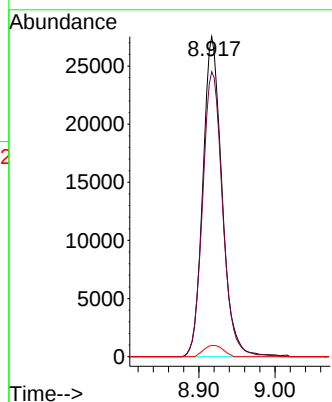
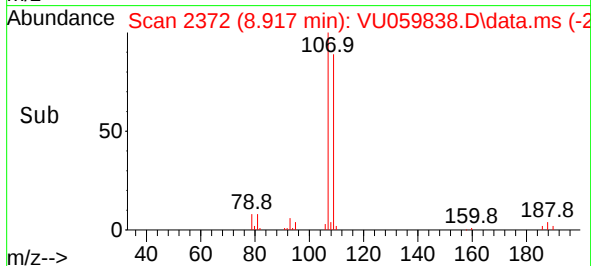


#50
1,2-Dibromoethane
Concen: 5.253 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU059838.D
Acq: 04 Jul 2024 09:45

Instrument :
MSVOA_U
ClientSampleId :

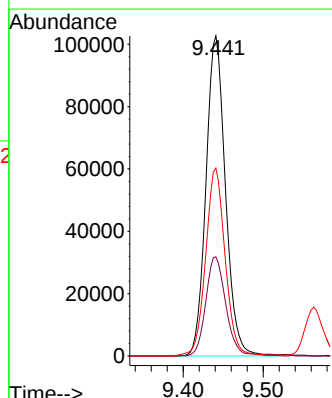
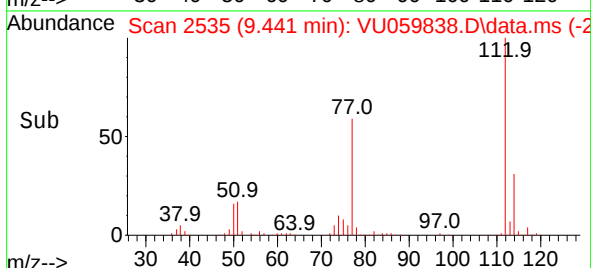
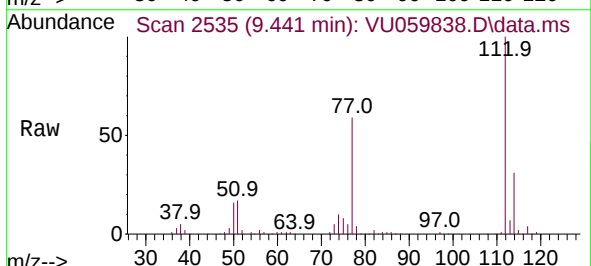


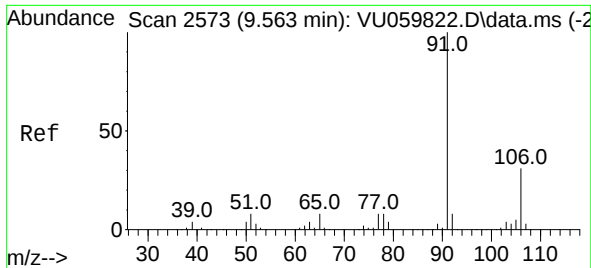
Tgt Ion:107 Resp: 48065
Ion Ratio Lower Upper
107 100
109 89.1 66.9 124.3
188 3.5 2.7 4.1



#51
Chlorobenzene
Concen: 4.991 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU059838.D
Acq: 04 Jul 2024 09:45

Tgt Ion:112 Resp: 174101
Ion Ratio Lower Upper
112 100
114 31.0 22.4 41.6
77 58.8 49.1 73.7

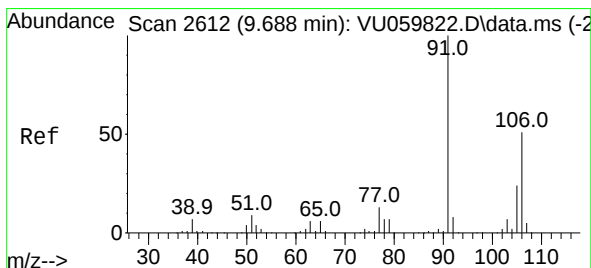
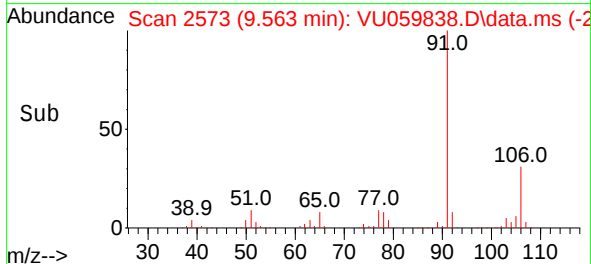
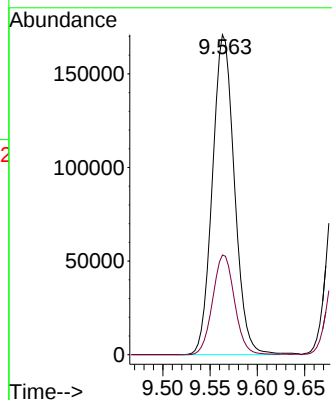
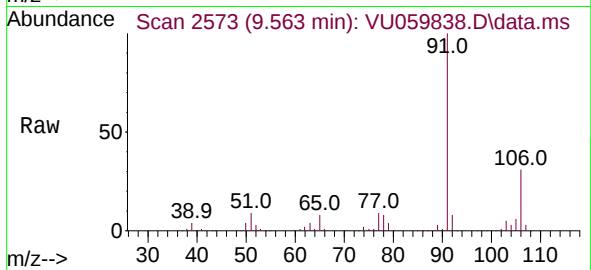




#52
Ethylbenzene
Concen: 4.905 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU059838.D
Acq: 04 Jul 2024 09:45

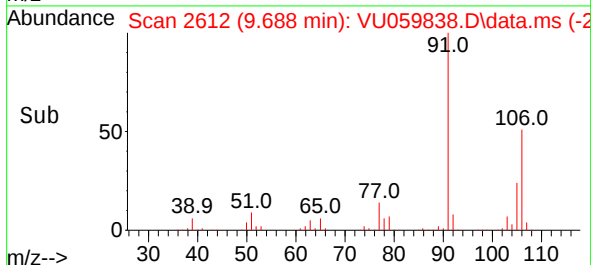
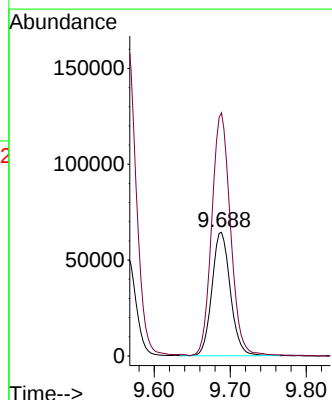
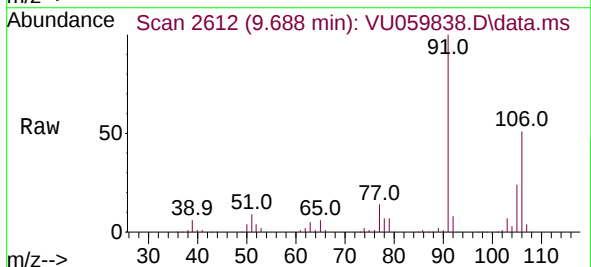
Instrument :
MSVOA_U
ClientSampleId :

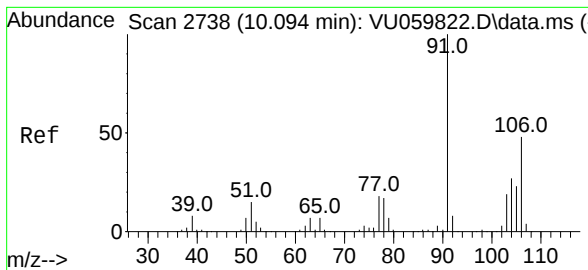
Tgt Ion: 91 Resp: 276770
Ion Ratio Lower Upper
91 100
106 31.2 20.9 38.7



#53
m,p-Xylene
Concen: 5.002 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU059838.D
Acq: 04 Jul 2024 09:45

Tgt Ion:106 Resp: 108395
Ion Ratio Lower Upper
106 100
91 196.7 142.0 263.8

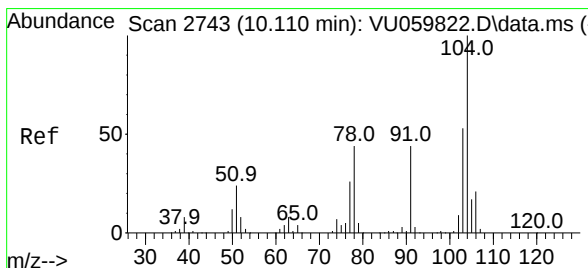
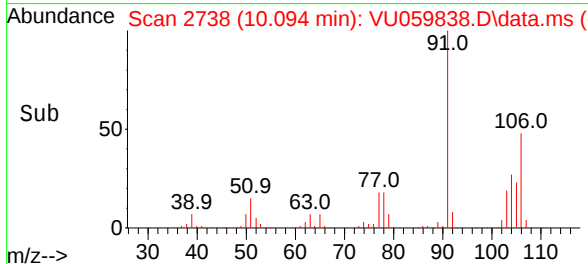
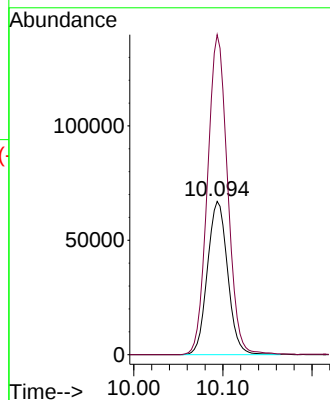
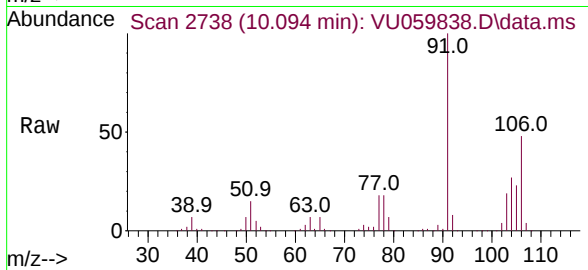




#54
o-Xylene
Concen: 5.133 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU059838.D
Acq: 04 Jul 2024 09:45

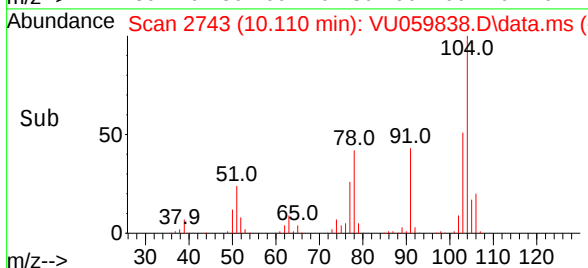
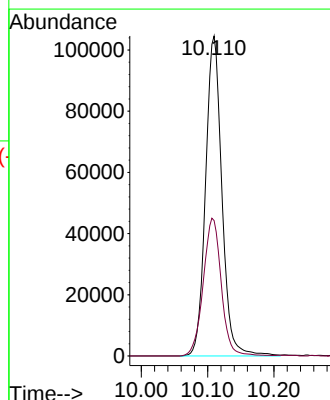
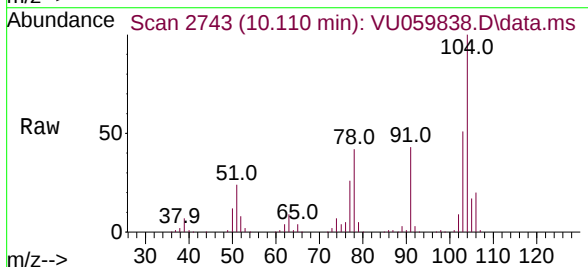
Instrument :
MSVOA_U
ClientSampleId :

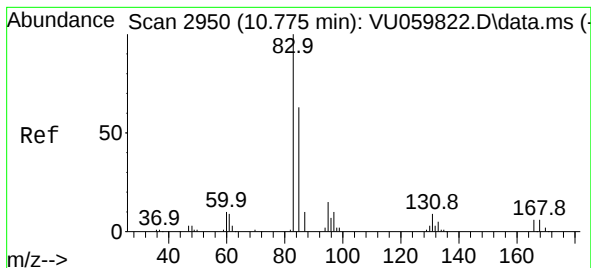
Tgt Ion:106 Resp: 105570
Ion Ratio Lower Upper
106 100
91 208.7 151.6 281.6



#55
Styrene
Concen: 5.121 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU059838.D
Acq: 04 Jul 2024 09:45

Tgt Ion:104 Resp: 179277
Ion Ratio Lower Upper
104 100
78 42.3 32.3 60.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.353 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU059838.D

Acq: 04 Jul 2024 09:45

Instrument :

MSVOA_U

ClientSampleId :

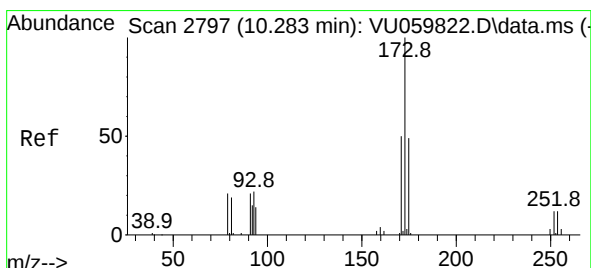
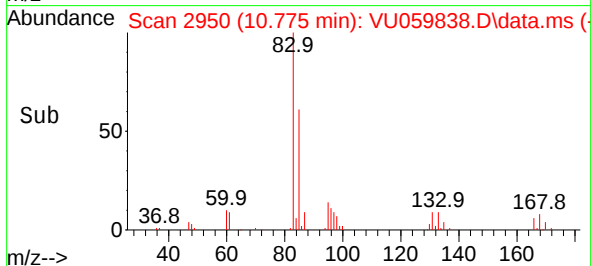
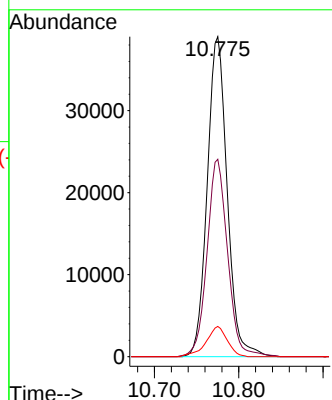
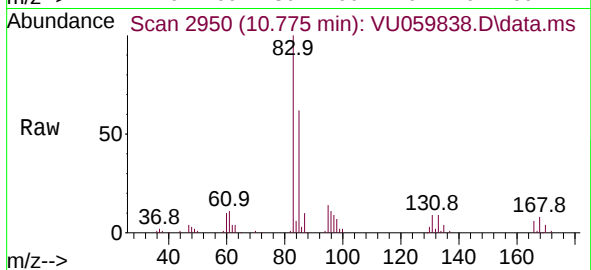
Tgt Ion: 83 Resp: 64342

Ion Ratio Lower Upper

83 100

85 61.7 44.7 82.9

131 9.5 6.9 10.3



#59

Bromoform

Concen: 4.882 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU059838.D

Acq: 04 Jul 2024 09:45

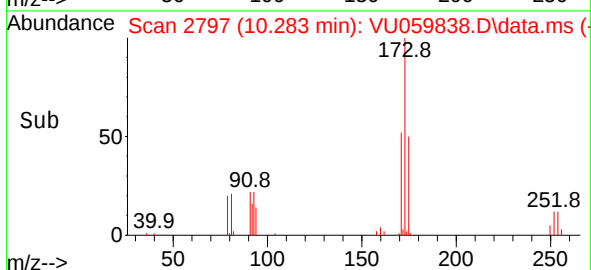
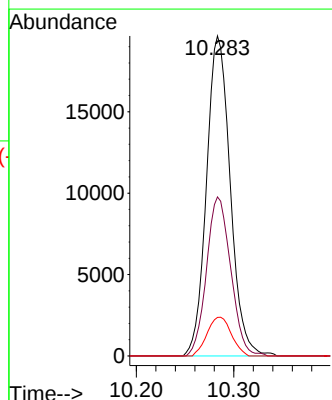
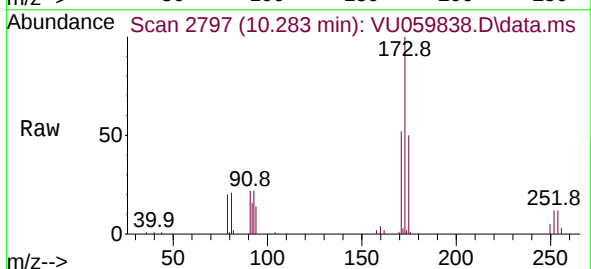
Tgt Ion:173 Resp: 33257

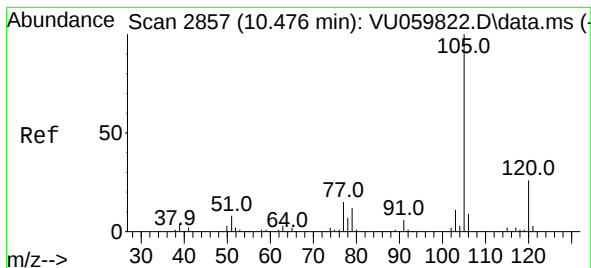
Ion Ratio Lower Upper

173 100

175 50.6 39.4 59.2

254 12.4 7.4 11.2#





#60

Isopropylbenzene

Concen: 4.935 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU059838.D

Acq: 04 Jul 2024 09:45

Instrument :

MSVOA_U

ClientSampleId :

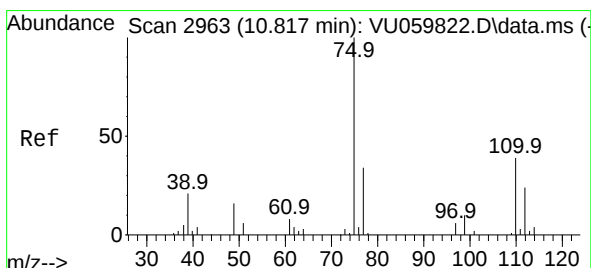
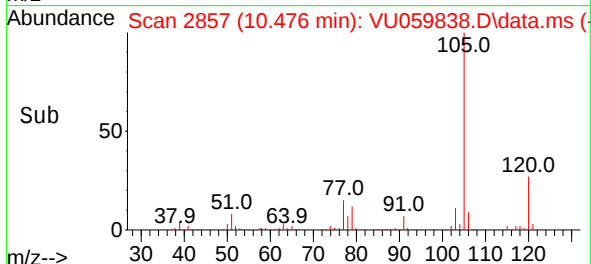
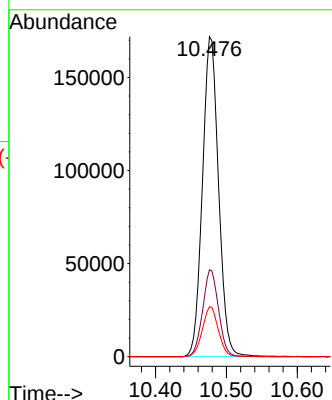
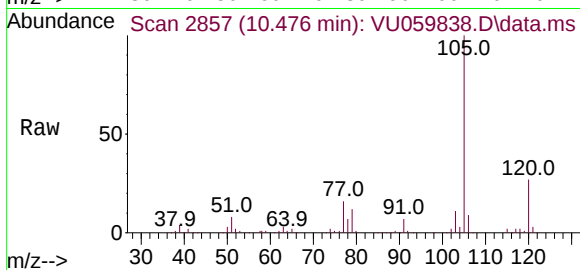
Tgt Ion:105 Resp: 271369

Ion Ratio Lower Upper

105 100

120 26.8 20.6 31.0

77 15.5 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 5.270 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.003 min

Lab File: VU059838.D

Acq: 04 Jul 2024 09:45

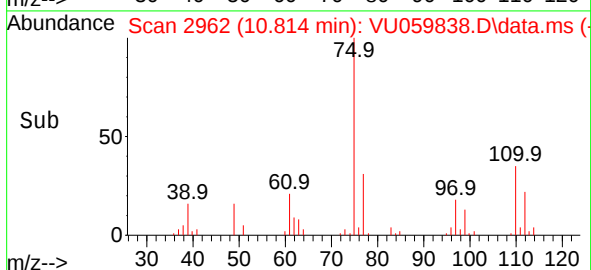
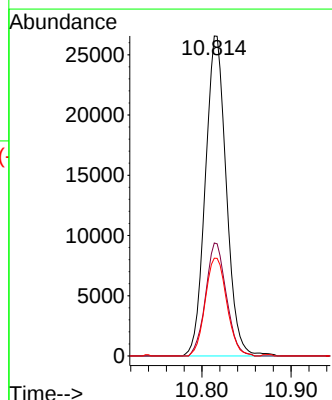
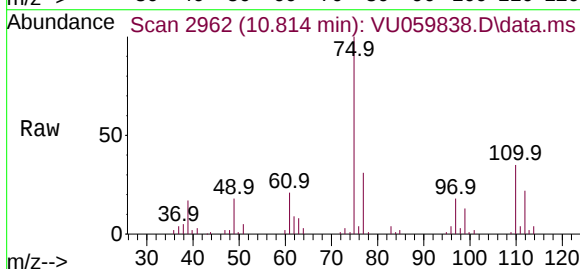
Tgt Ion: 75 Resp: 43354

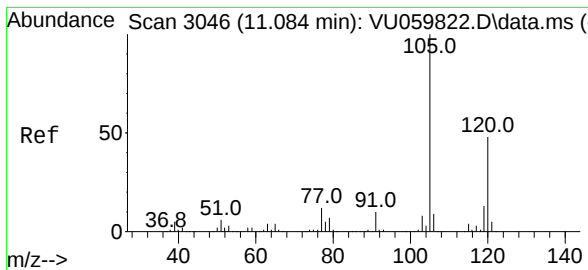
Ion Ratio Lower Upper

75 100

110 34.9 27.1 40.7

77 31.5 25.4 38.2

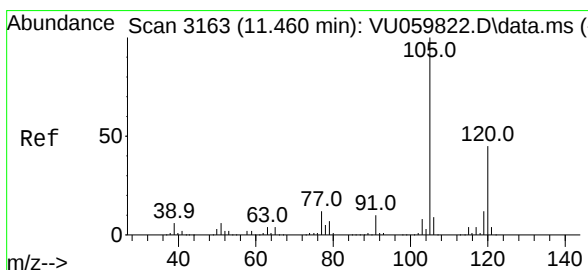
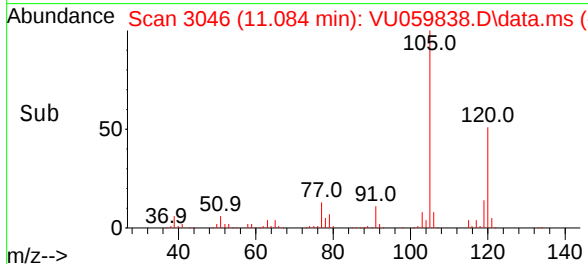
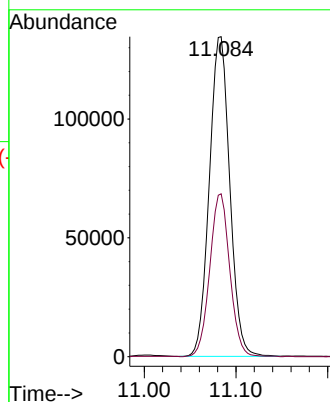
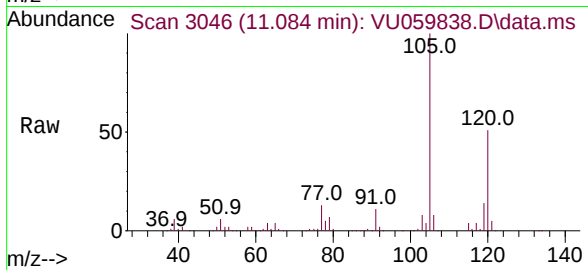




#62
 1,3,5-Trimethylbenzene
 Concen: 4.787 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. 0.000 min
 Lab File: VU059838.D
 Acq: 04 Jul 2024 09:45

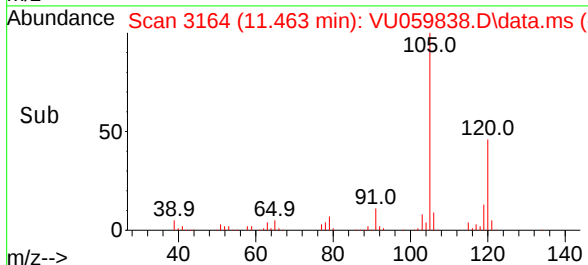
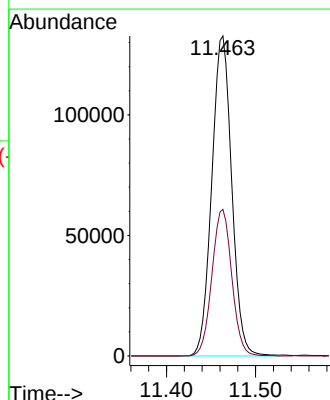
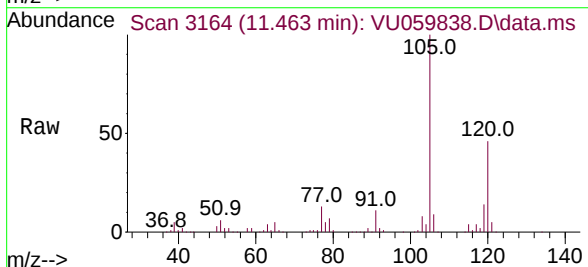
Instrument :
 MSVOA_U
 ClientSampleId :

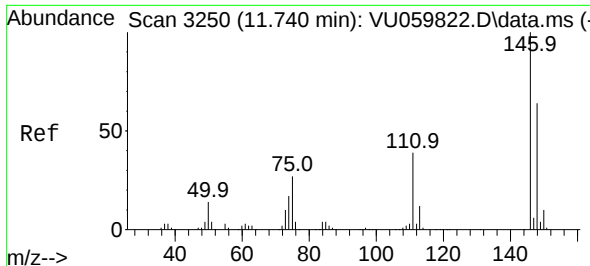
Tgt Ion:105 Resp: 208534
 Ion Ratio Lower Upper
 105 100
 120 49.9 38.2 57.4



#63
 1,2,4-Trimethylbenzene
 Concen: 4.956 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. 0.003 min
 Lab File: VU059838.D
 Acq: 04 Jul 2024 09:45

Tgt Ion:105 Resp: 206397
 Ion Ratio Lower Upper
 105 100
 120 45.6 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 5.035 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. 0.000 min

Lab File: VU059838.D

Acq: 04 Jul 2024 09:45

Instrument :

MSVOA_U

ClientSampleId :

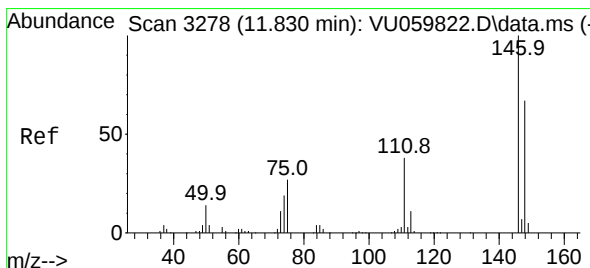
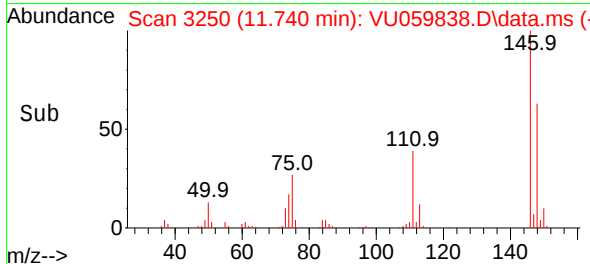
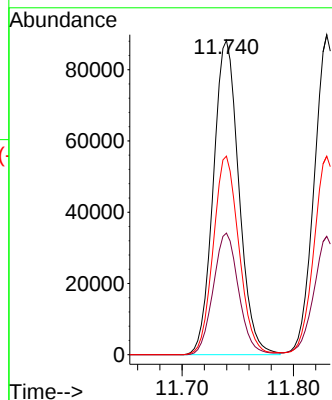
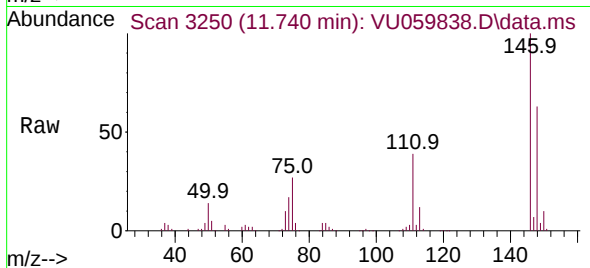
Tgt Ion:146 Resp: 140818

Ion Ratio Lower Upper

146 100

111 38.7 27.4 51.0

148 63.2 45.0 83.6



#65

1,4-Dichlorobenzene

Concen: 4.953 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU059838.D

Acq: 04 Jul 2024 09:45

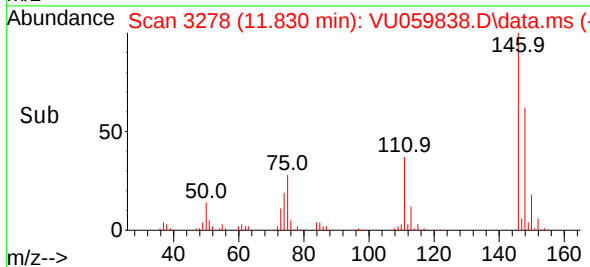
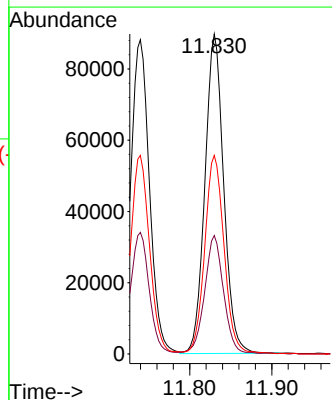
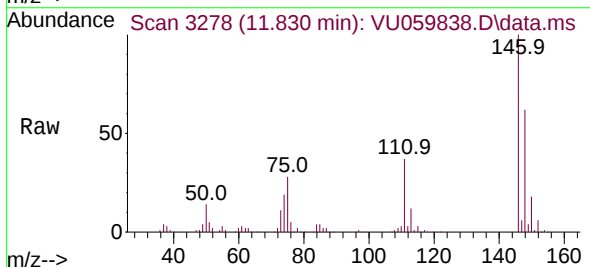
Tgt Ion:146 Resp: 142580

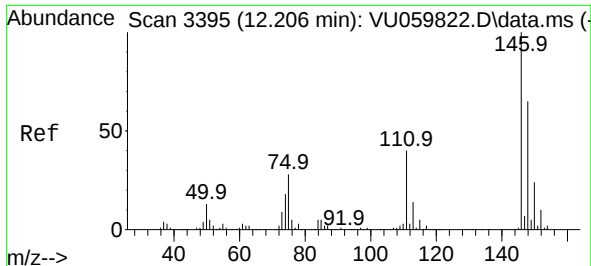
Ion Ratio Lower Upper

146 100

111 37.0 26.9 50.1

148 62.1 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.056 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

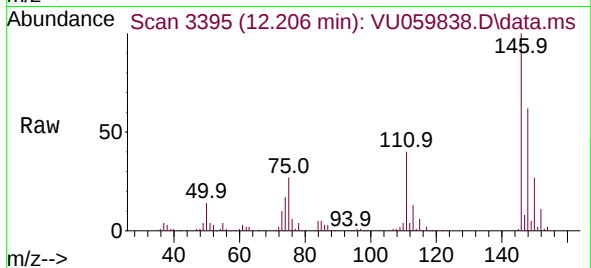
Lab File: VU059838.D

Acq: 04 Jul 2024 09:45

Instrument :

MSVOA_U

ClientSampleId :



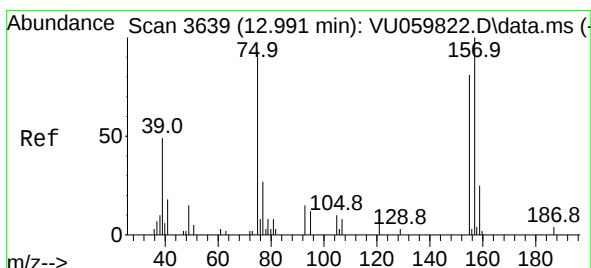
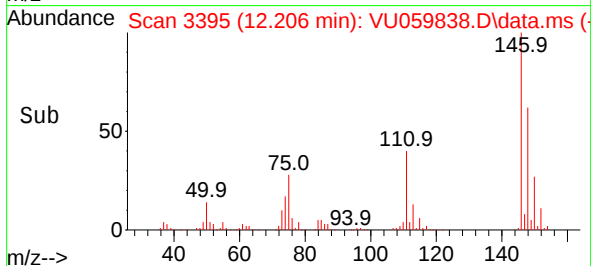
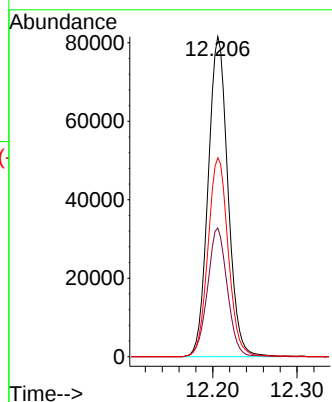
Tgt Ion:146 Resp: 133066

Ion Ratio Lower Upper

146 100

111 40.2 33.4 50.0

148 62.2 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.470 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU059838.D

Acq: 04 Jul 2024 09:45

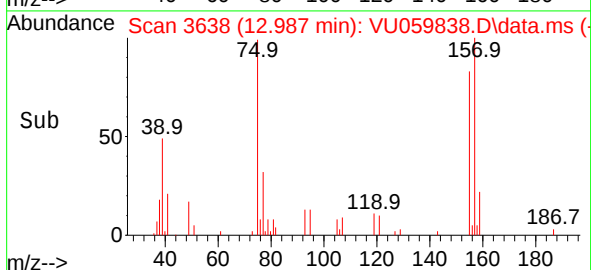
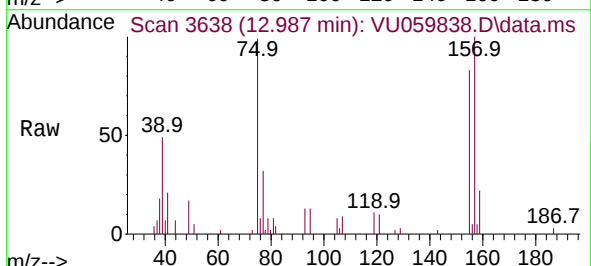
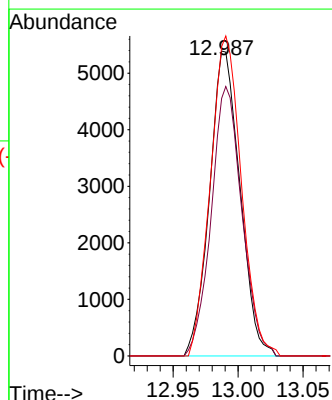
Tgt Ion: 75 Resp: 8777

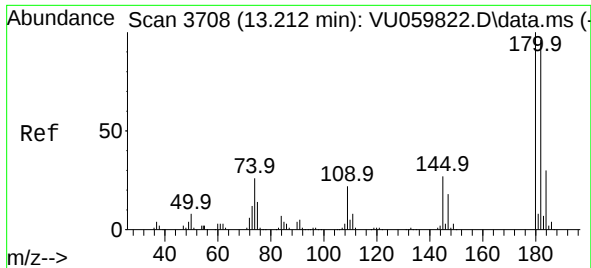
Ion Ratio Lower Upper

75 100

155 84.5 58.2 87.2

157 101.4 80.0 120.0





#69

1,3,5-Trichlorobenzene

Concen: 4.903 ug/L

RT: 13.212 min Scan# 3708

Delta R.T. 0.000 min

Lab File: VU059838.D

Acq: 04 Jul 2024 09:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 101499

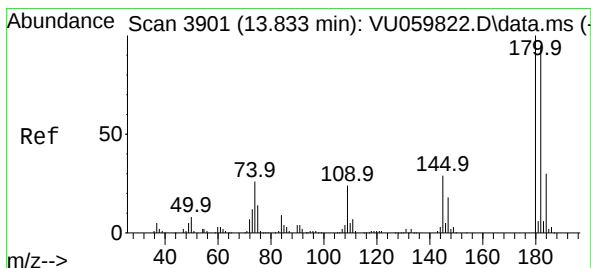
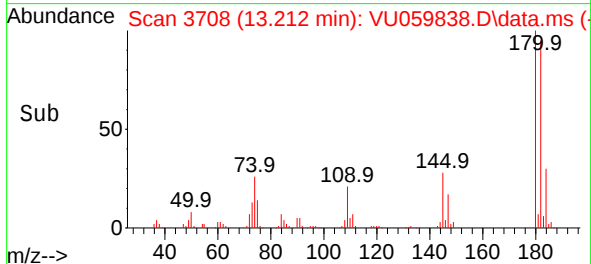
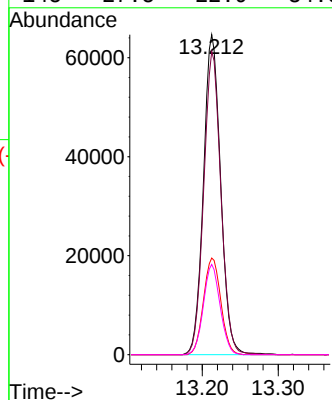
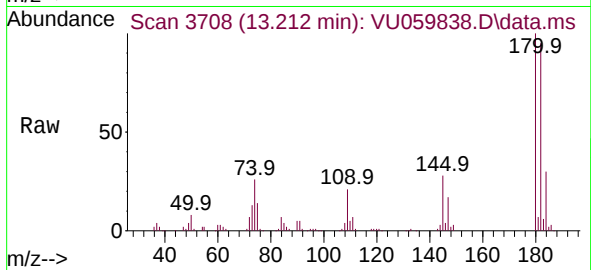
Ion Ratio Lower Upper

180 100

182 94.7 75.4 113.0

184 30.5 23.0 34.6

145 27.5 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 5.230 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU059838.D

Acq: 04 Jul 2024 09:45

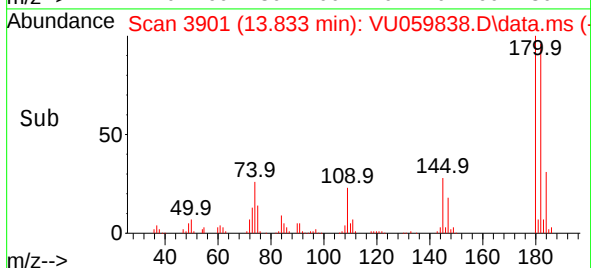
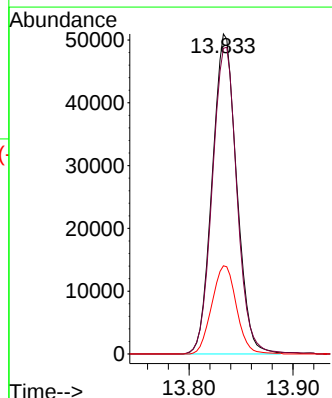
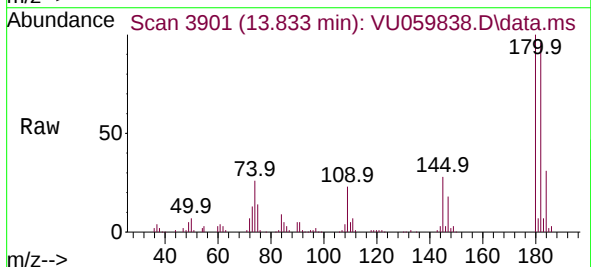
Tgt Ion:180 Resp: 83060

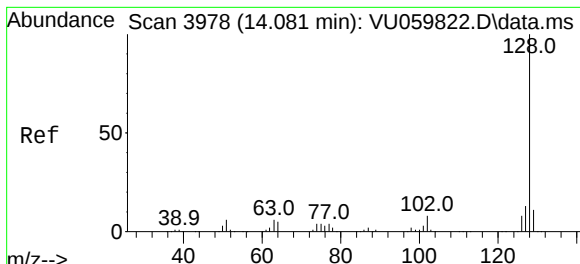
Ion Ratio Lower Upper

180 100

182 97.0 74.9 112.3

145 27.8 23.9 35.9



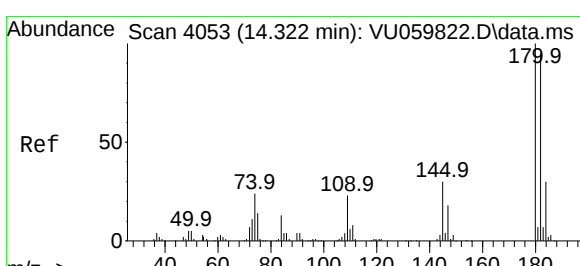
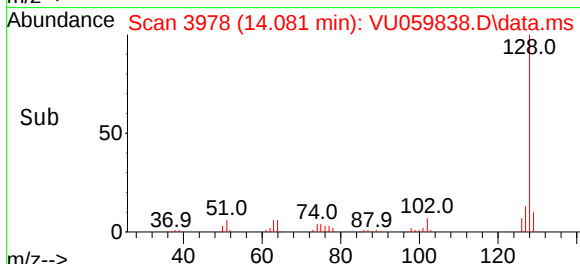
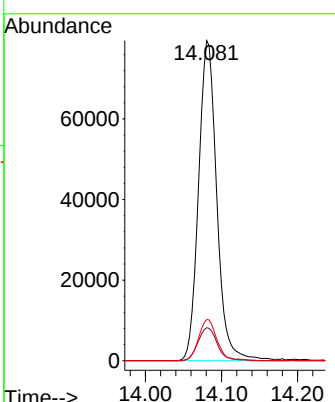
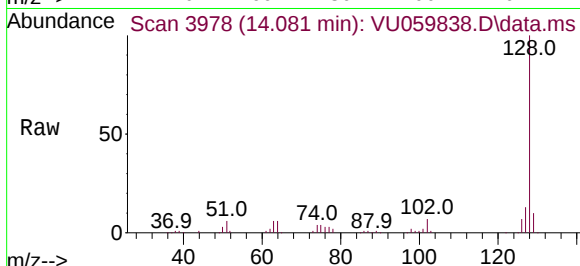


#71
 Naphthalene
 Concen: 5.824 ug/L
 RT: 14.081 min Scan# 3978
 Delta R.T. 0.000 min
 Lab File: VU059838.D
 Acq: 04 Jul 2024 09:45

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:128 Resp: 132382

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.2	12.4
127	13.0	10.2	15.4



#72
 1,2,3-Trichlorobenzene
 Concen: 5.281 ug/L
 RT: 14.322 min Scan# 4053
 Delta R.T. 0.000 min
 Lab File: VU059838.D
 Acq: 04 Jul 2024 09:45

Tgt Ion:180 Resp: 77876

Ion	Ratio	Lower	Upper
180	100		
182	94.8	77.0	115.6
145	31.9	26.2	39.4

