

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059841.D
 Acq On : 04 Jul 2024 10:57
 Operator : MD/SY
 Sample : P3109-05MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 05 01:07:43 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	182160	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	167921	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	95050	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	52647	4.156	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.200%
7) Chloroethane-d5	1.907	69	45332	3.720	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.400%
11) 1,1-Dichloroethene-d2	2.560	65	20501	3.901	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.000%
20) 2-Butanone-d5	4.618	46	113752	43.598	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.200%
24) Chloroform-d	5.055	84	98477	3.788	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.800%
26) 1,2-Dichloroethane-d4	5.695	65	47024	3.755	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.000%
32) Benzene-d6	5.721	84	202686	4.386	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.682	67	62908	4.442	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.891	98	181890	4.234	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	8.174	79	21516	4.852	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.000%
46) 2-Hexanone-d5	8.624	63	100978	54.805	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.620%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	50758	4.338	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	73702	4.357	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	65500	4.244	ug/L	97
3) Chloromethane	1.518	50	72491	4.364	ug/L	98
5) Vinyl chloride	1.602	62	81686	4.451	ug/L	100
6) Bromomethane	1.853	94	49555	3.884	ug/L	95
8) Chloroethane	1.930	64	50598	4.576	ug/L	100
9) Trichlorofluoromethane	2.133	101	101559	4.597	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	62059	4.438	ug/L	94
12) 1,1-Dichloroethene	2.573	96	60779	4.704	ug/L	81
13) Acetone	2.628	43	107038	63.243	ug/L	92
14) Carbon disulfide	2.788	76	187918	4.360	ug/L	99
15) Methyl Acetate	3.036	43	1506097	337.210	ug/L #	51
16) Methylene chloride	3.036	84	79597	5.199	ug/L #	42
17) Methyl tert-butyl Ether	3.354	73	183602	6.595	ug/L	96
18) trans-1,2-Dichloroethene	3.345	96	63523	4.728	ug/L	90
19) 1,1-Dichloroethane	3.859	63	117151	4.728	ug/L	97
21) 2-Butanone	4.695	43	137172	50.530	ug/L	86
22) cis-1,2-Dichloroethene	4.657	96	74806	5.051	ug/L	95
23) Bromochloromethane	4.965	128	32833	4.863	ug/L	87
25) Chloroform	5.081	83	128185	4.912	ug/L	99

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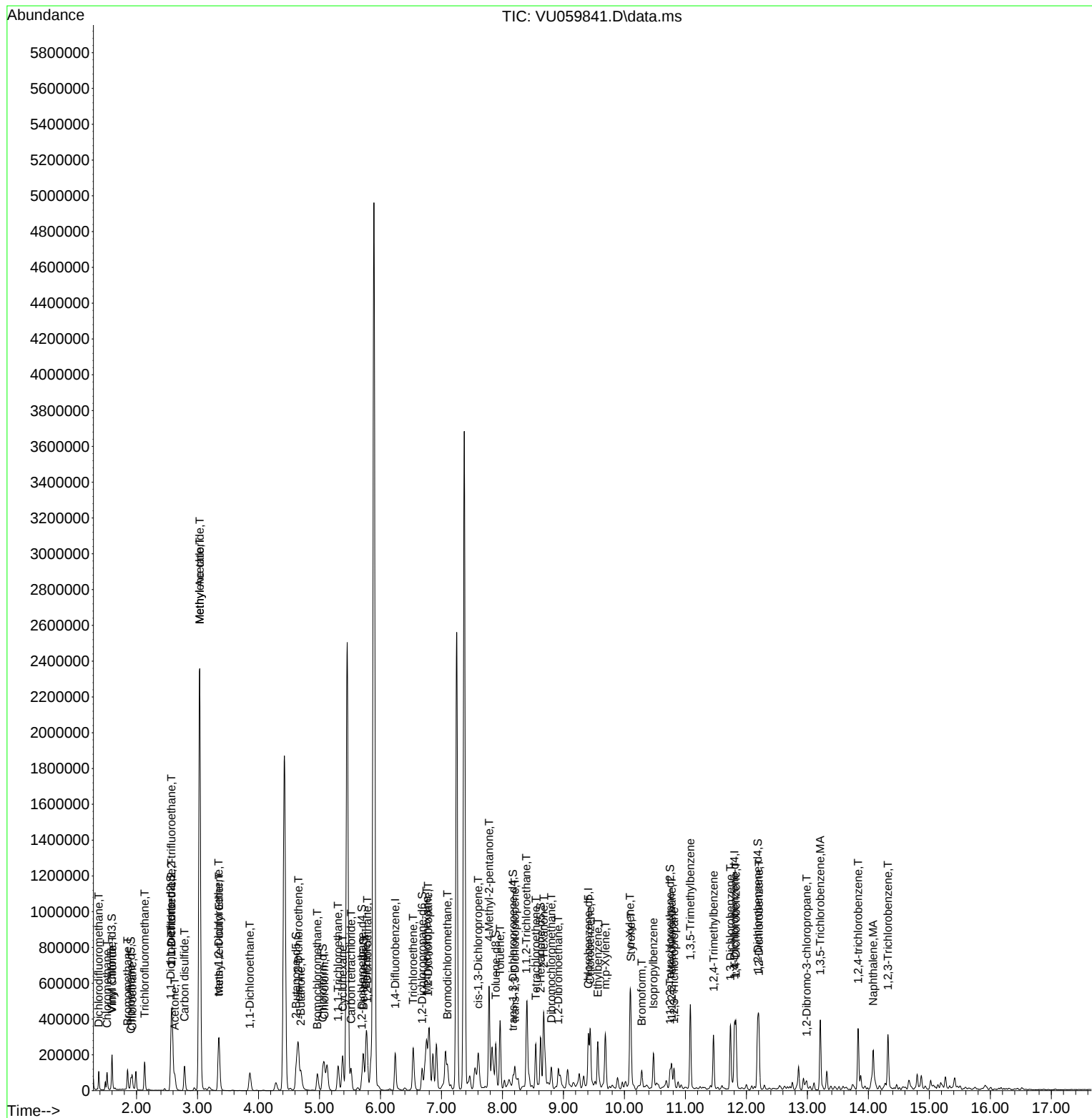
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	106798	6.753	ug/L #	91
29) 1,1,1-Trichloroethane	5.306	97	99477	5.130	ug/L	97
30) Cyclohexane	5.380	56	95949	5.605	ug/L	93
31) Carbon tetrachloride	5.518	117	83543	5.146	ug/L	99
33) Benzene	5.766	78	269926	5.293	ug/L	100
34) Trichloroethene	6.534	95	71563	5.182	ug/L	96
35) Methylcyclohexane	6.756	83	134949	6.868	ug/L	96
37) 1,2-Dichloropropane	6.782	63	71122	5.390	ug/L #	56
38) Bromodichloromethane	7.097	83	98545	5.983	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	91462	5.068	ug/L	96
40) 4-Methyl-2-pentanone	7.782	43	344715	56.374	ug/L #	92
42) Toluene	7.962	91	280284	5.192	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	73234	5.056	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	57925	5.957	ug/L	97
47) Tetrachloroethene	8.547	164	58190	5.430	ug/L	95
48) 2-Hexanone	8.676	43	238239	54.591	ug/L #	89
49) Dibromochloromethane	8.801	129	56505	5.245	ug/L	96
50) 1,2-Dibromoethane	8.917	107	51439	5.728	ug/L	96
51) Chlorobenzene	9.441	112	173699	5.073	ug/L	96
52) Ethylbenzene	9.563	91	166906	3.014	ug/L	97
53) m,p-Xylene	9.688	106	71710	3.371	ug/L	99
54) o-Xylene	10.094	106	117786	5.835	ug/L	100
55) Styrene	10.106	104	148060	4.309	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	66321	5.622	ug/L	96
59) Bromoform	10.283	173	34860	4.792	ug/L	99
60) Isopropylbenzene	10.476	105	119622	2.037	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	43556	4.959	ug/L	96
62) 1,3,5-Trimethylbenzene	11.081	105	257594	5.538	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	163993	3.688	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	156729	5.248	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	152896	4.974	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	146866	5.226	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	9361	5.464	ug/L #	80
69) 1,3,5-Trichlorobenzene	13.212	180	121735	5.507	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	103725	6.117	ug/L	97
71) Naphthalene	14.081	128	183931	7.578	ug/L #	95
72) 1,2,3-Trichlorobenzene	14.322	180	94016	5.971	ug/L #	95

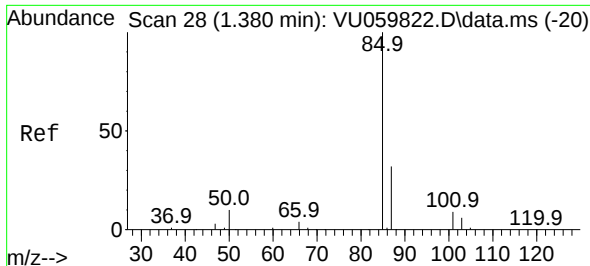
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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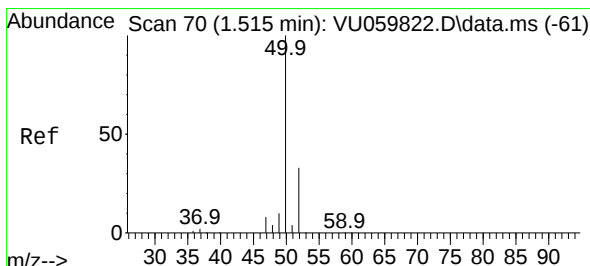
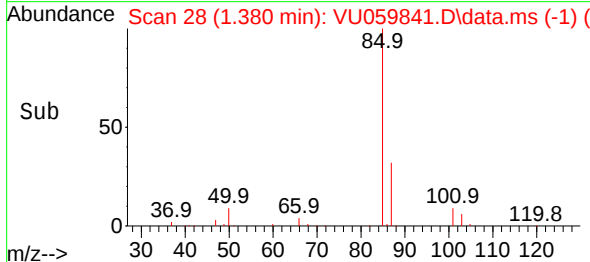
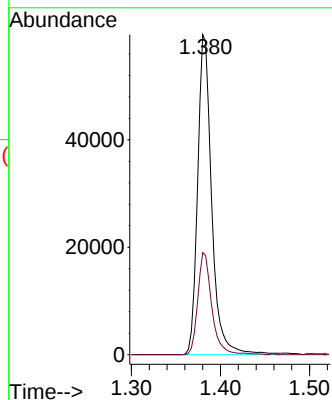
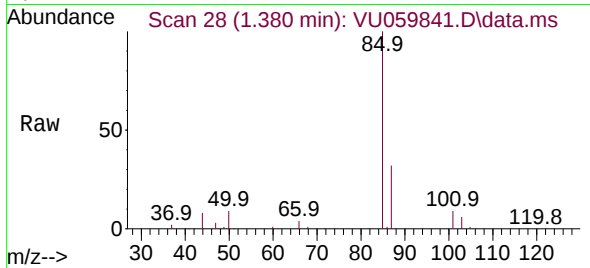




#2
 Dichlorodifluoromethane
 Concen: 4.244 ug/L
 RT: 1.380 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU059841.D
 Acq: 04 Jul 2024 10:57

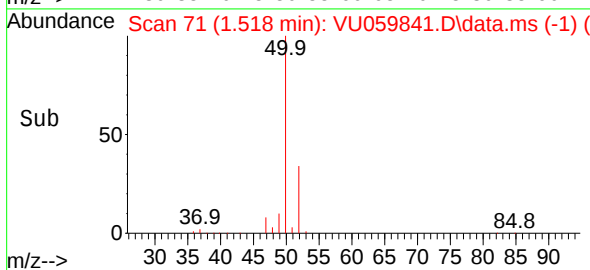
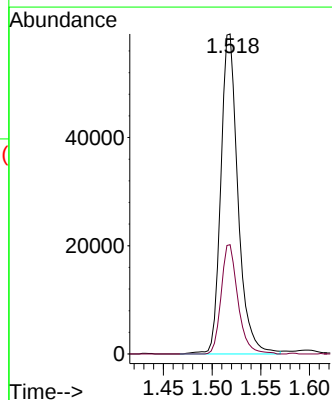
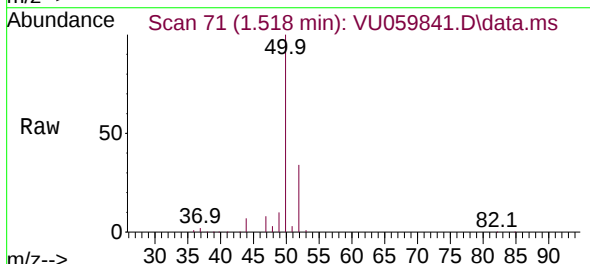
Instrument :
 MSVOA_U
 ClientSampleId :

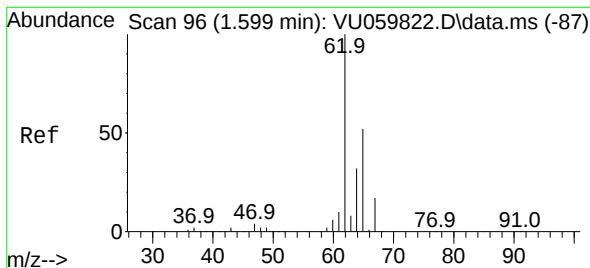
Tgt Ion: 85 Resp: 65500
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.6 40.0



#3
 Chloromethane
 Concen: 4.364 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU059841.D
 Acq: 04 Jul 2024 10:57

Tgt Ion: 50 Resp: 72491
 Ion Ratio Lower Upper
 50 100
 52 34.2 23.2 43.0





#5

Vinyl chloride

Concen: 4.451 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.003 min

Lab File: VU059841.D

Acq: 04 Jul 2024 10:57

Instrument :

MSVOA_U

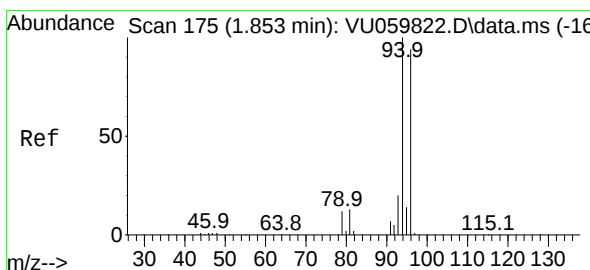
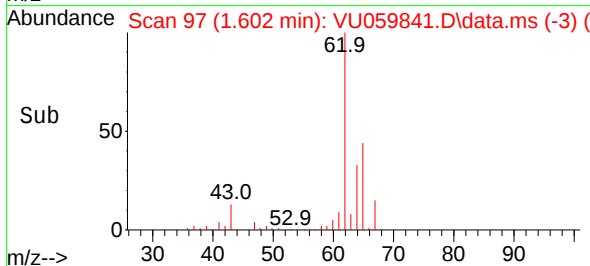
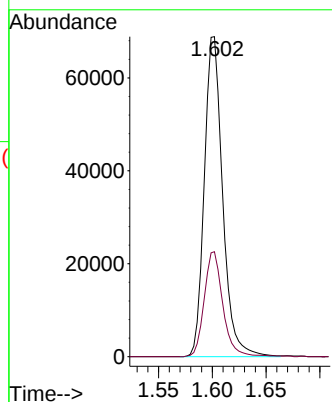
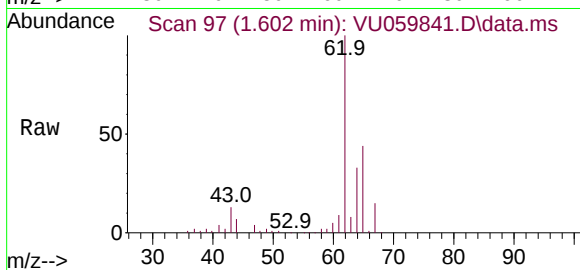
ClientSampleId :

Tgt Ion: 62 Resp: 81686

Ion Ratio Lower Upper

62 100

64 32.8 23.1 42.9



#6

Bromomethane

Concen: 3.884 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.000 min

Lab File: VU059841.D

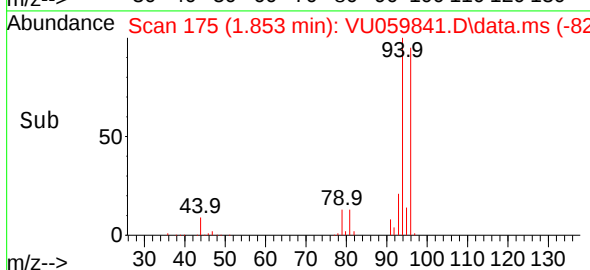
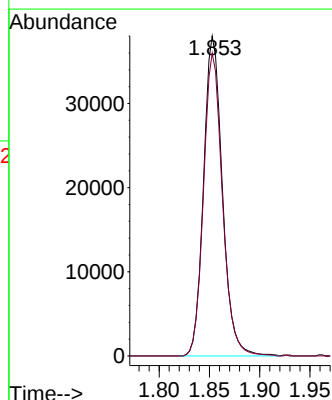
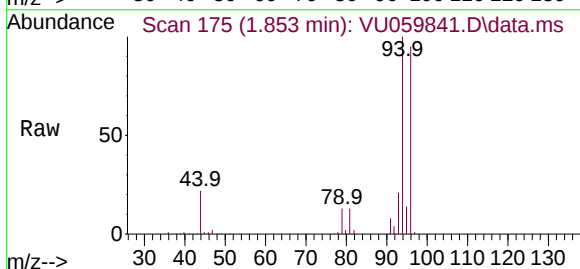
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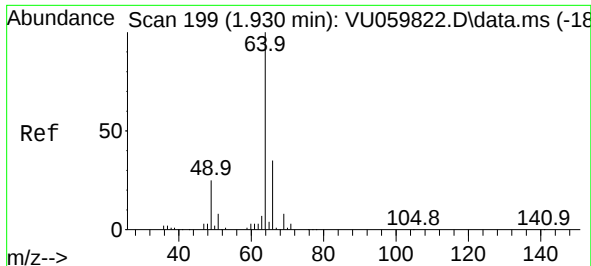
Tgt Ion: 94 Resp: 49555

Ion Ratio Lower Upper

94 100

96 94.7 62.9 116.9

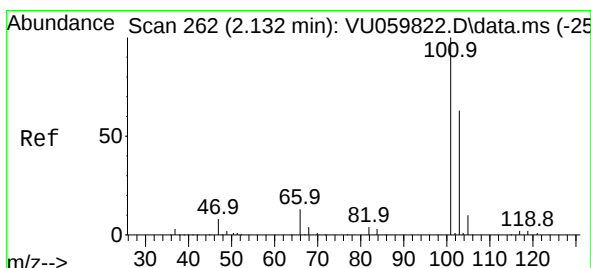
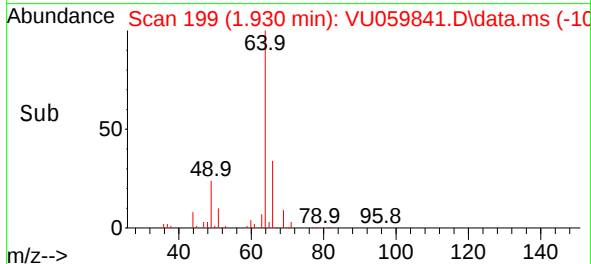
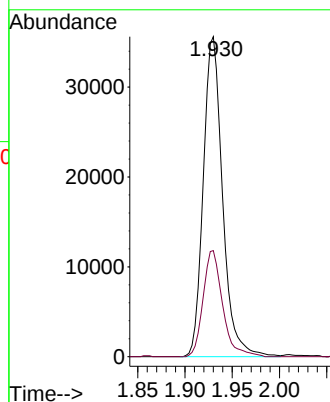
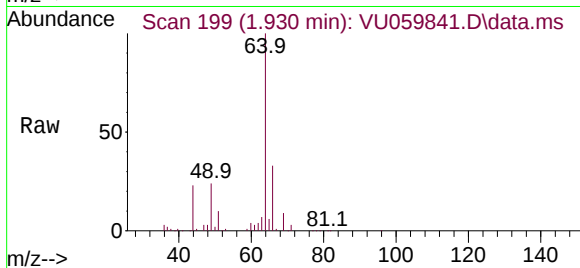




#8
Chloroethane
Concen: 4.576 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU059841.D
Acq: 04 Jul 2024 10:57

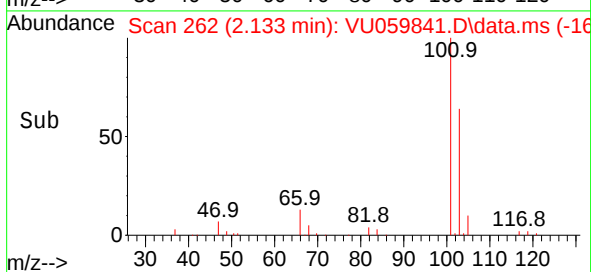
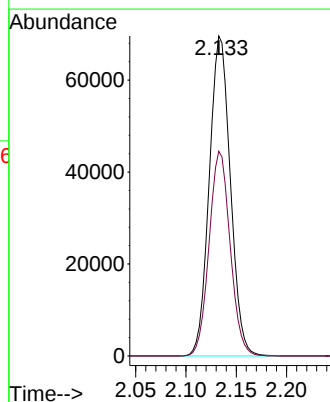
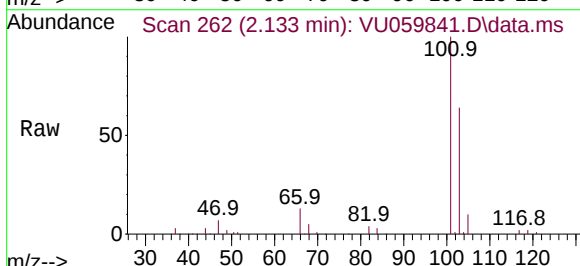
Instrument :
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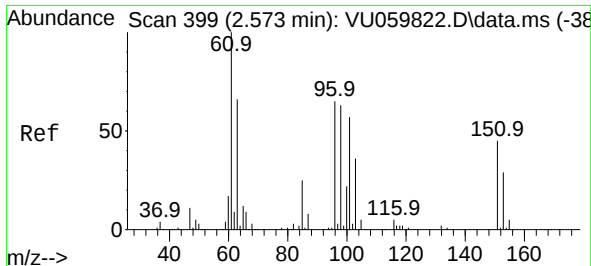
Tgt Ion: 64 Resp: 50598
Ion Ratio Lower Upper
64 100
66 33.2 23.2 43.2



#9
Trichlorofluoromethane
Concen: 4.597 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU059841.D
Acq: 04 Jul 2024 10:57

Tgt Ion:101 Resp: 101559
Ion Ratio Lower Upper
101 100
103 63.8 52.6 79.0

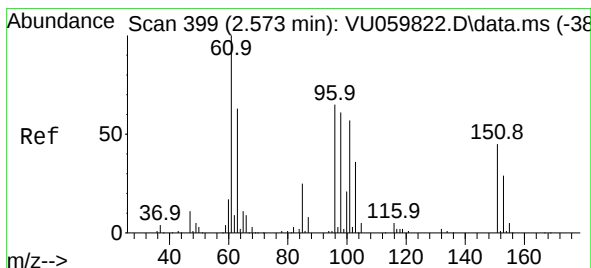
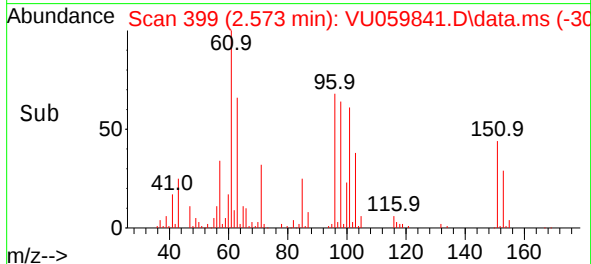
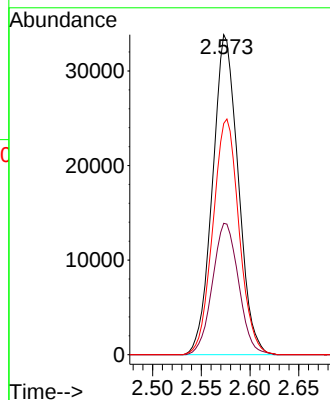
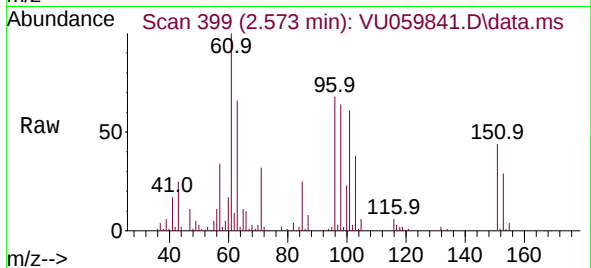




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.438 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU059841.D
 Acq: 04 Jul 2024 10:57

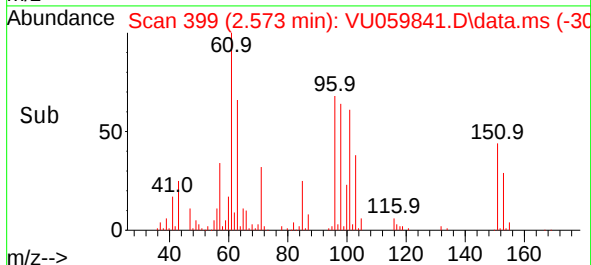
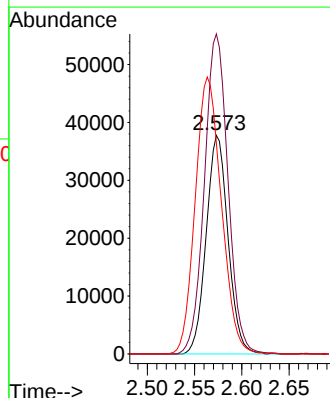
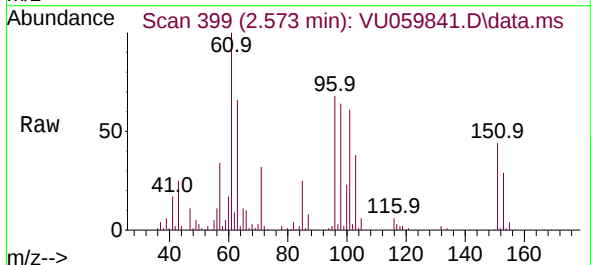
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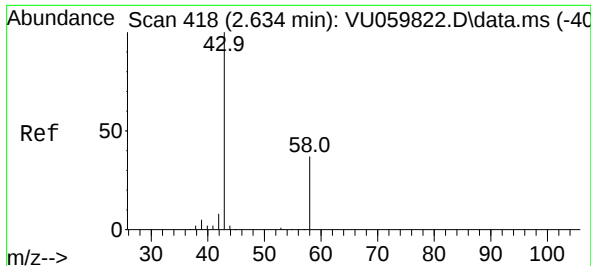
Tgt Ion:101 Resp: 62059
 Ion Ratio Lower Upper
 101 100
 85 41.8 36.2 54.4
 151 75.1 55.5 83.3



#12
 1,1-Dichloroethene
 Concen: 4.704 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU059841.D
 Acq: 04 Jul 2024 10:57

Tgt Ion: 96 Resp: 60779
 Ion Ratio Lower Upper
 96 100
 61 146.4 122.9 228.3
 63 96.6 80.4 149.4





#13

Acetone

Concen: 63.243 ug/L

RT: 2.628 min Scan# 416

Delta R.T. -0.006 min

Lab File: VU059841.D

Acq: 04 Jul 2024 10:57

Instrument :

MSVOA_U

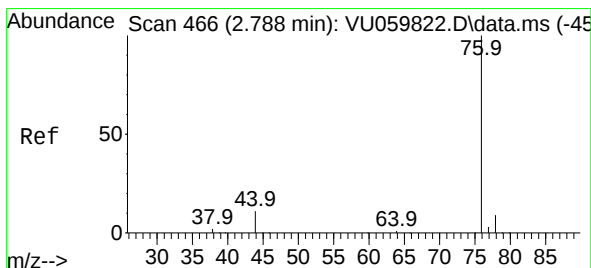
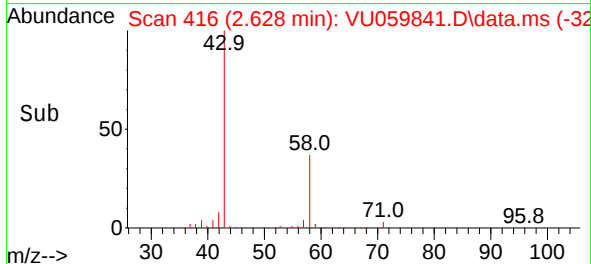
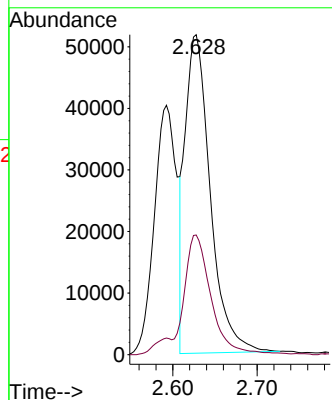
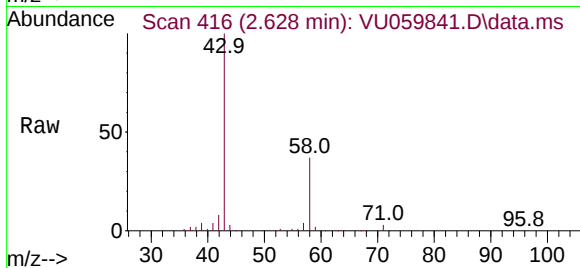
ClientSampleId :

Tgt Ion: 43 Resp: 107038

Ion Ratio Lower Upper

43 100

58 38.7 0.0 68.0



#14

Carbon disulfide

Concen: 4.360 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU059841.D

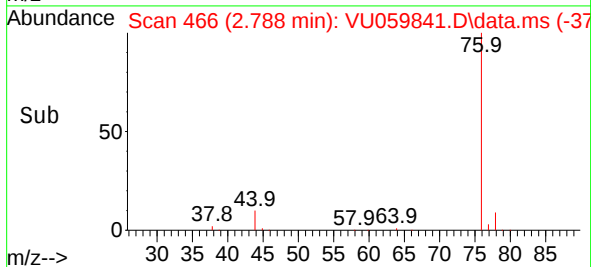
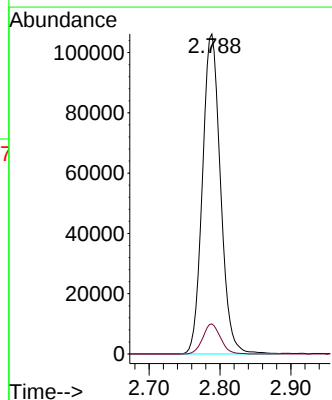
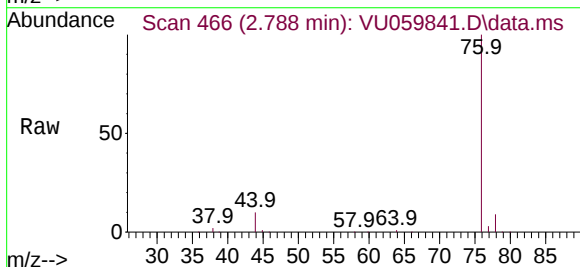
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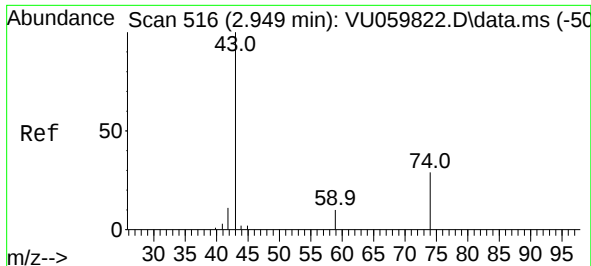
Tgt Ion: 76 Resp: 187918

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9





#15

Methyl Acetate

Concen: 337.210 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.087 min

Lab File: VU059841.D

Acq: 04 Jul 2024 10:57

Instrument :

MSVOA_U

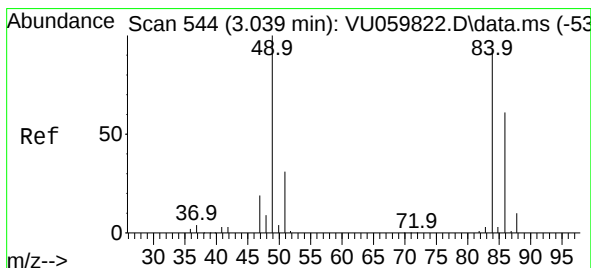
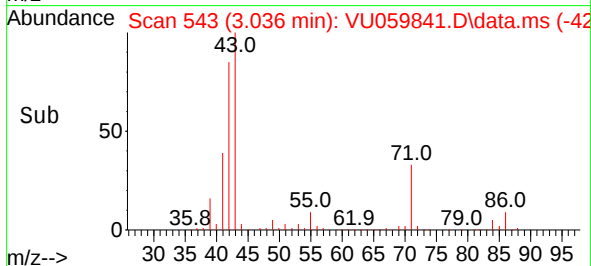
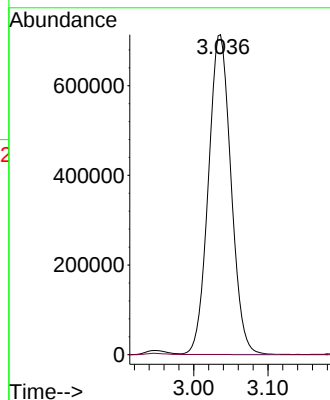
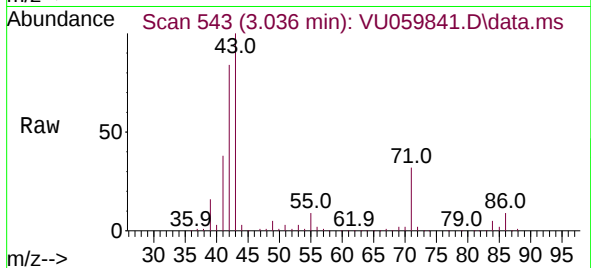
ClientSampleId :

Tgt Ion: 43 Resp: 1506097

Ion Ratio Lower Upper

43 100

74 0.1 19.2 28.8#



#16

Methylene chloride

Concen: 5.199 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.003 min

Lab File: VU059841.D

Acq: 04 Jul 2024 10:57

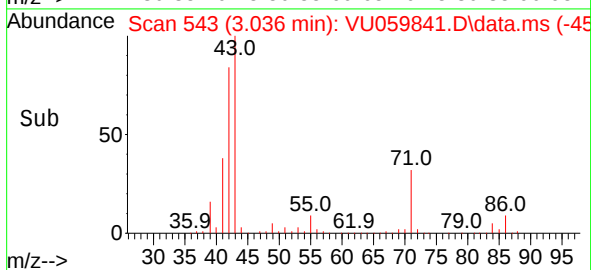
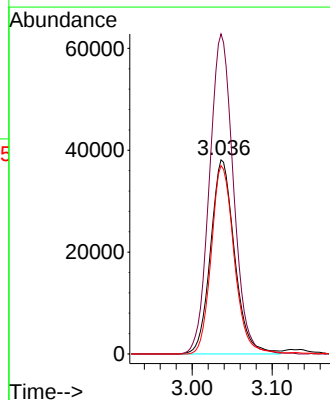
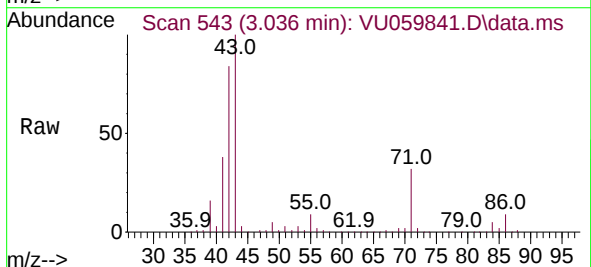
Tgt Ion: 84 Resp: 79597

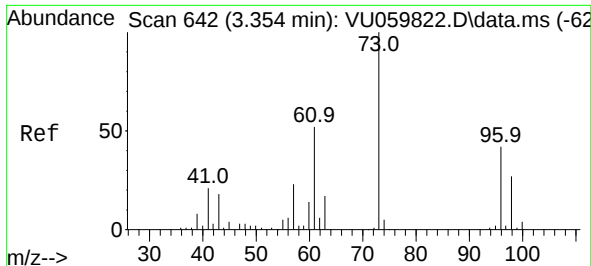
Ion Ratio Lower Upper

84 100

86 164.9 42.1 78.1#

49 97.0 80.6 149.8

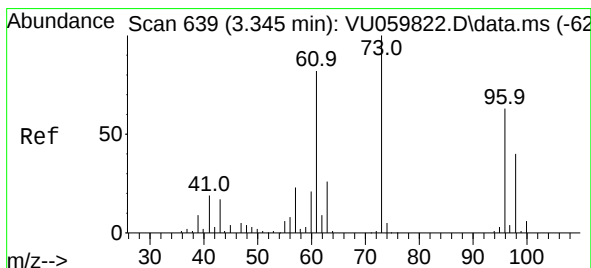
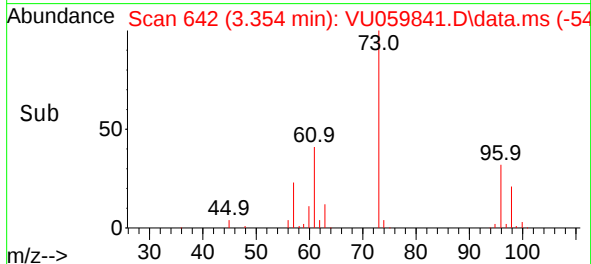
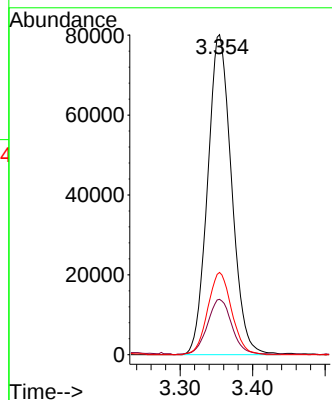
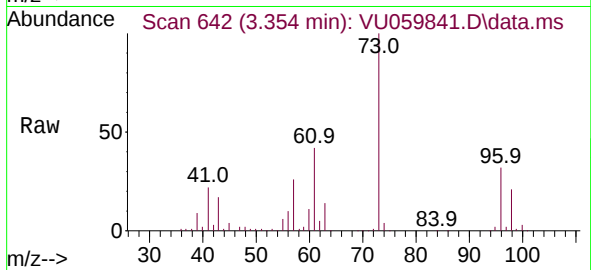




#17
Methyl tert-butyl Ether
Concen: 6.595 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU059841.D
Acq: 04 Jul 2024 10:57

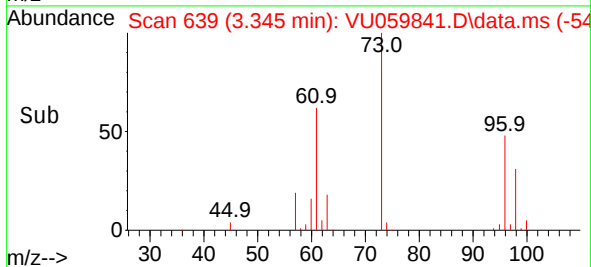
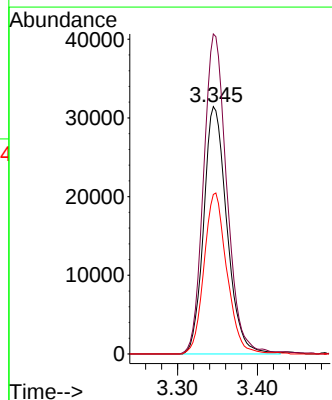
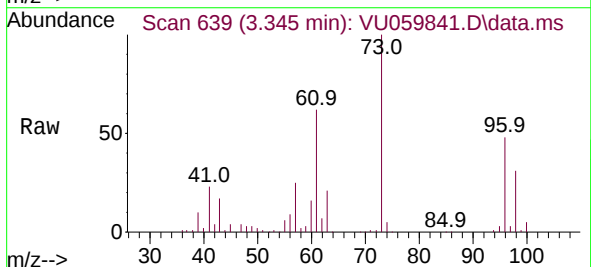
Instrument :
MSVOA_U
ClientSampleId :

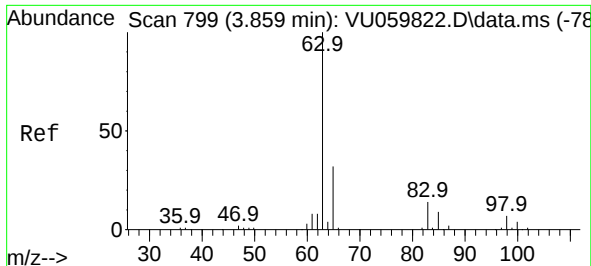
Tgt Ion: 73 Resp: 183602
Ion Ratio Lower Upper
73 100
43 17.9 14.9 22.3
57 25.8 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 4.728 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU059841.D
Acq: 04 Jul 2024 10:57

Tgt Ion: 96 Resp: 63523
Ion Ratio Lower Upper
96 100
61 129.3 101.8 189.0
98 64.5 43.3 80.5

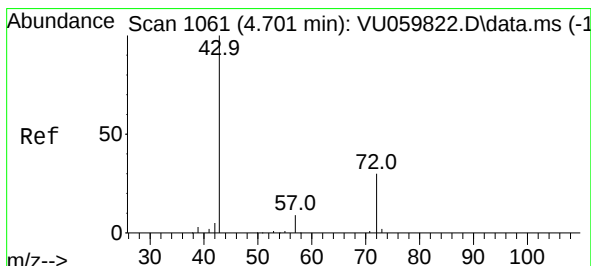
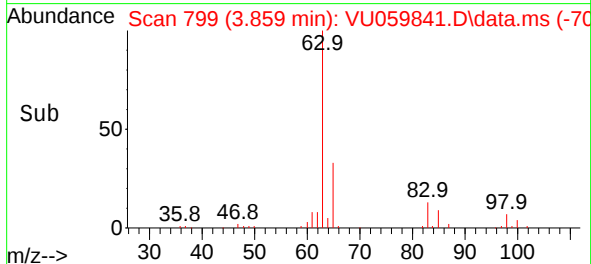
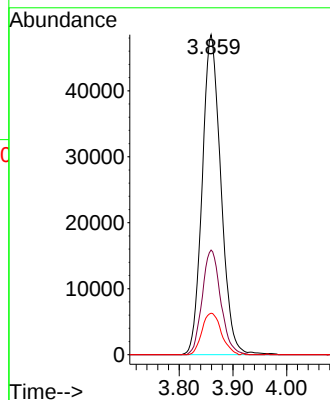
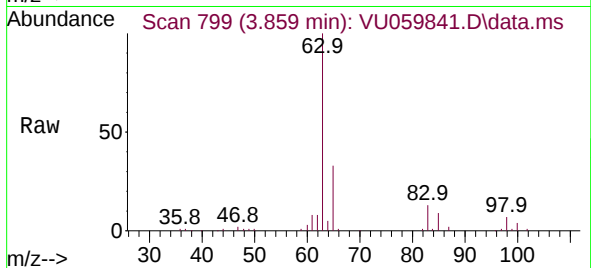




#19
1,1-Dichloroethane
Concen: 4.728 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU059841.D
Acq: 04 Jul 2024 10:57

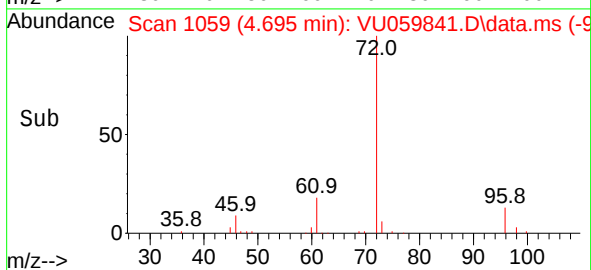
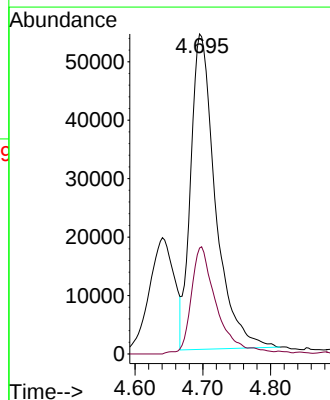
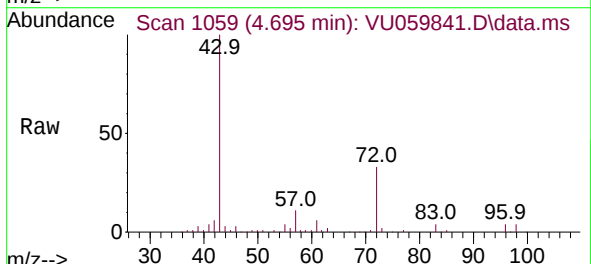
Instrument :
MSVOA_U
ClientSampleId :

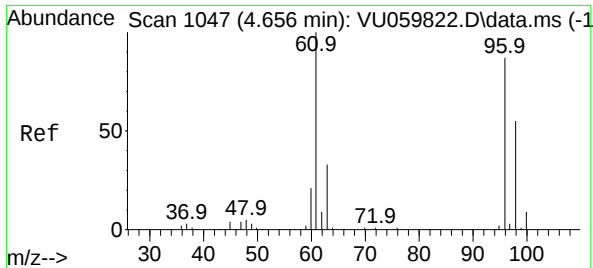
Tgt Ion: 63 Resp: 117151
Ion Ratio Lower Upper
63 100
65 32.7 21.8 40.6
83 13.0 9.9 18.5



#21
2-Butanone
Concen: 50.530 ug/L
RT: 4.695 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VU059841.D
Acq: 04 Jul 2024 10:57

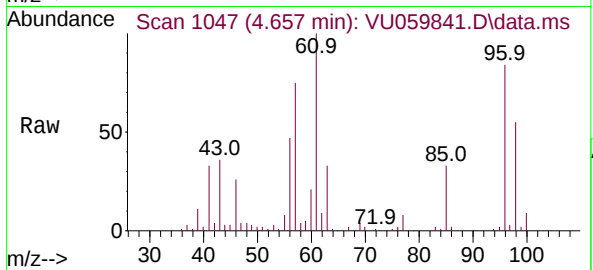
Tgt Ion: 43 Resp: 137172
Ion Ratio Lower Upper
43 100
72 34.8 13.8 41.4



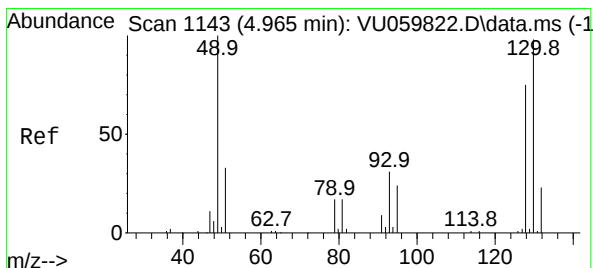
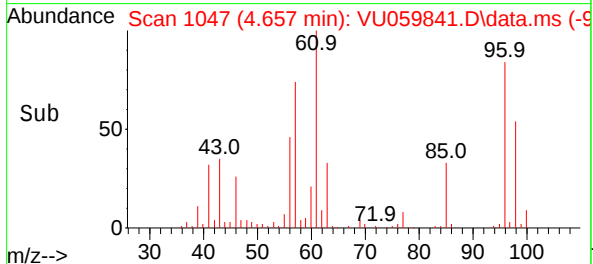
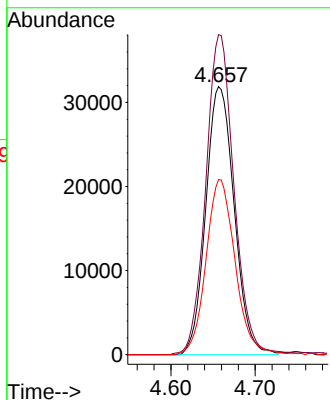


#22
 cis-1,2-Dichloroethene
 Concen: 5.051 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU059841.D
 Acq: 04 Jul 2024 10:57

Instrument :
 MSVOA_U
 ClientSampleId :

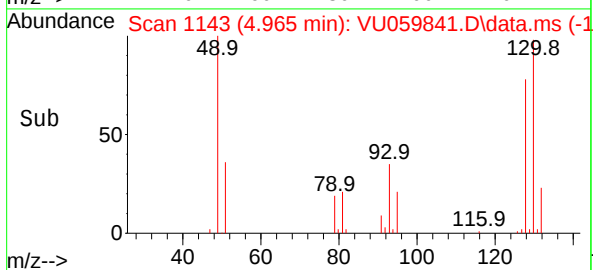
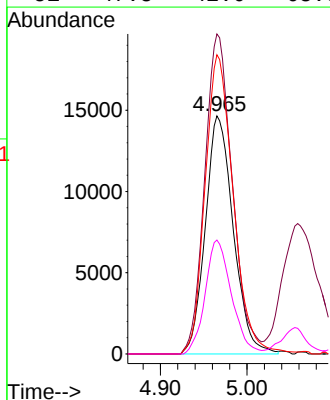
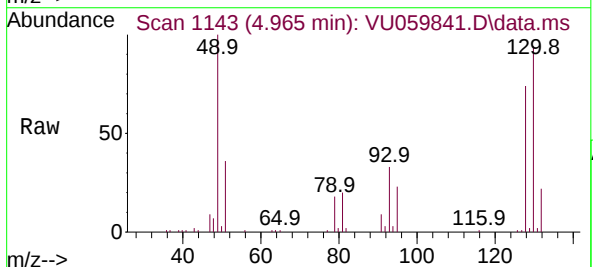


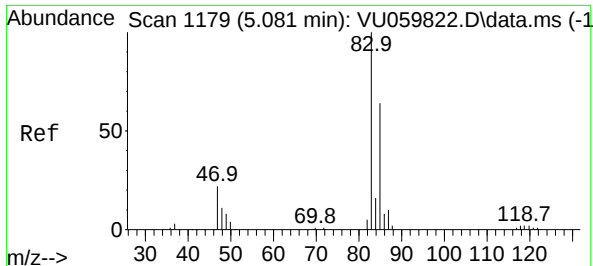
Tgt Ion: 96 Resp: 74806
 Ion Ratio Lower Upper
 96 100
 61 119.3 87.4 162.2
 98 65.2 42.3 78.5



#23
 Bromochloromethane
 Concen: 4.863 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VU059841.D
 Acq: 04 Jul 2024 10:57

Tgt Ion:128 Resp: 32833
 Ion Ratio Lower Upper
 128 100
 49 134.4 117.0 217.4
 130 125.7 89.6 166.4
 51 47.8 42.0 63.0

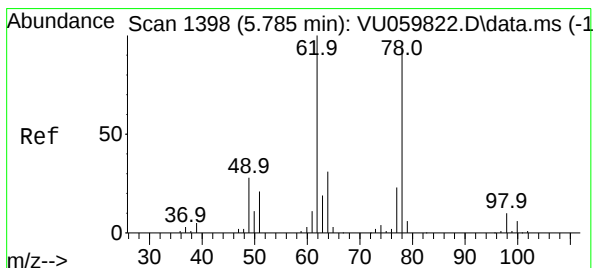
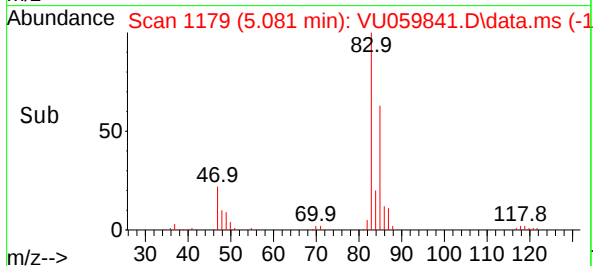
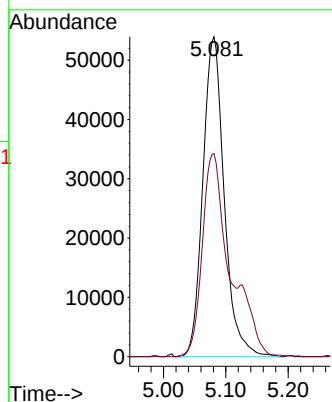
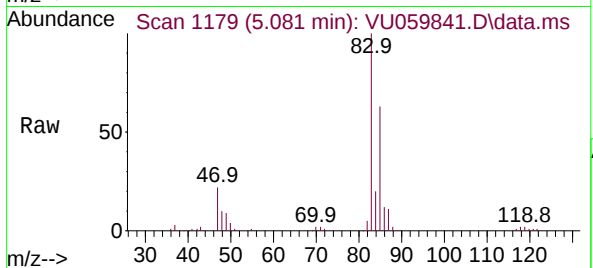




#25
Chloroform
Concen: 4.912 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VU059841.D
Acq: 04 Jul 2024 10:57

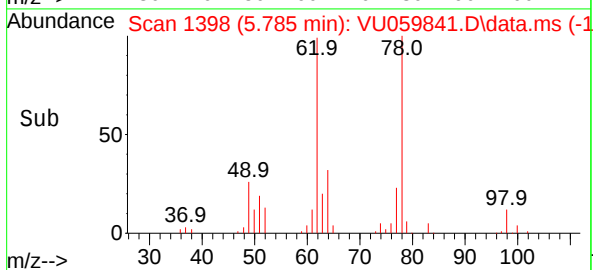
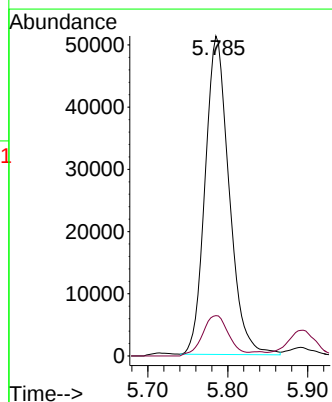
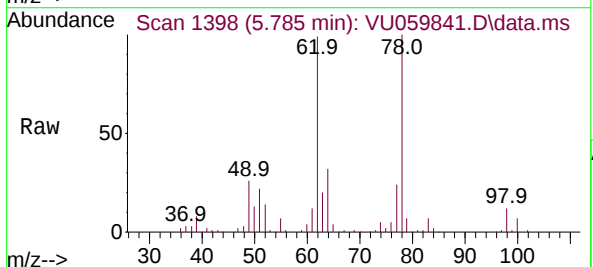
Instrument :
MSVOA_U
ClientSampleId :

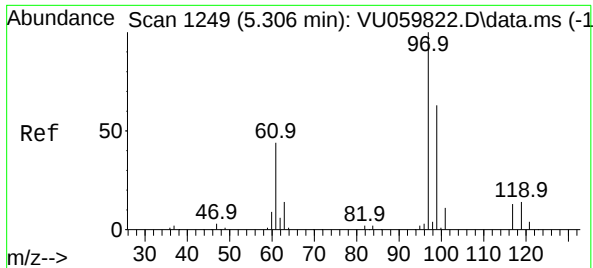
Tgt Ion: 83 Resp: 128185
Ion Ratio Lower Upper
83 100
85 63.4 44.7 83.1



#27
1,2-Dichloroethane
Concen: 6.753 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VU059841.D
Acq: 04 Jul 2024 10:57

Tgt Ion: 62 Resp: 106798
Ion Ratio Lower Upper
62 100
98 12.6 7.5 11.3#

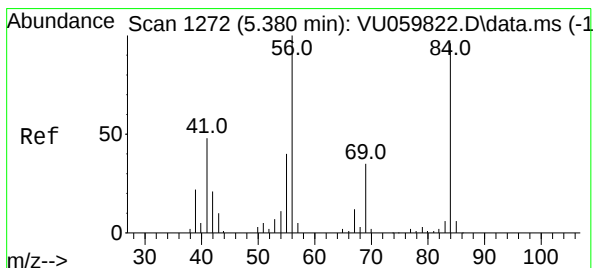
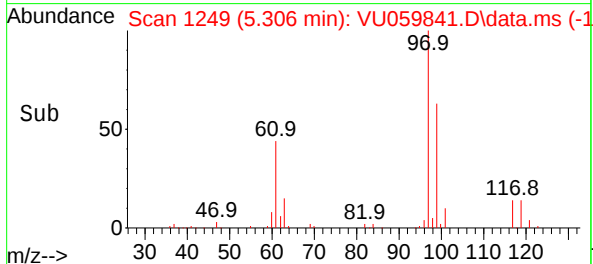
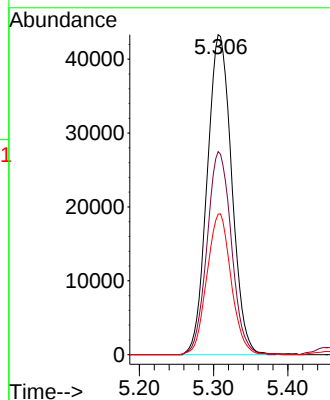
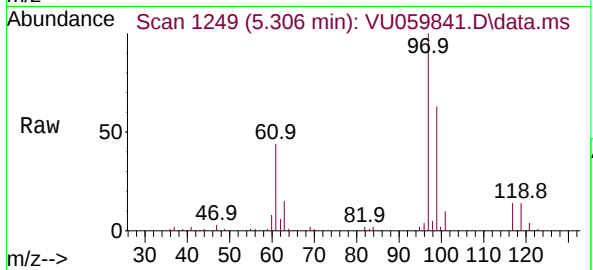




#29
1,1,1-Trichloroethane
Concen: 5.130 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU059841.D
Acq: 04 Jul 2024 10:57

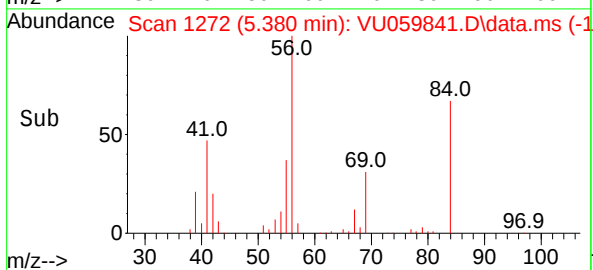
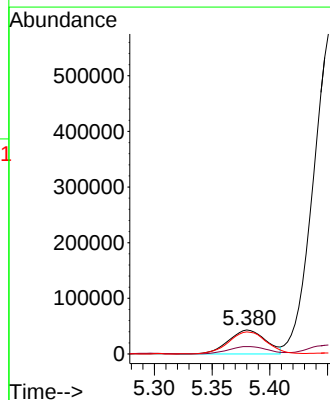
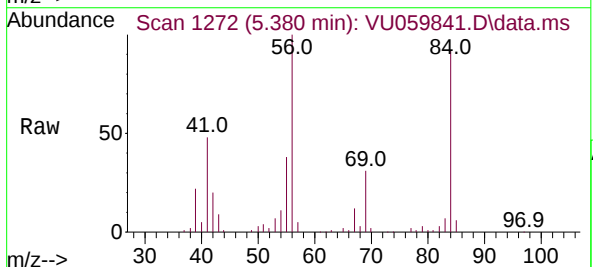
Instrument :
MSVOA_U
ClientSampleId :

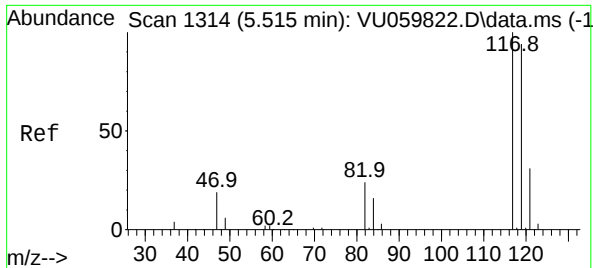
Tgt Ion: 97 Resp: 99477
Ion Ratio Lower Upper
97 100
99 63.0 51.8 77.6
61 43.4 37.4 56.2



#30
Cyclohexane
Concen: 5.605 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU059841.D
Acq: 04 Jul 2024 10:57

Tgt Ion: 56 Resp: 95949
Ion Ratio Lower Upper
56 100
69 33.2 24.8 37.2
84 94.5 69.8 104.8

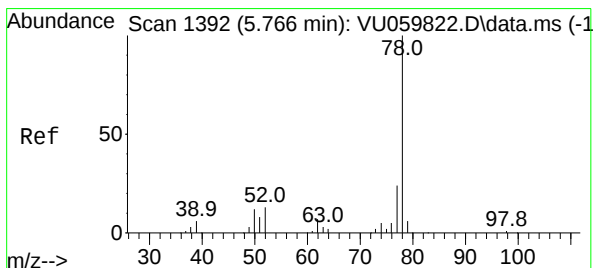
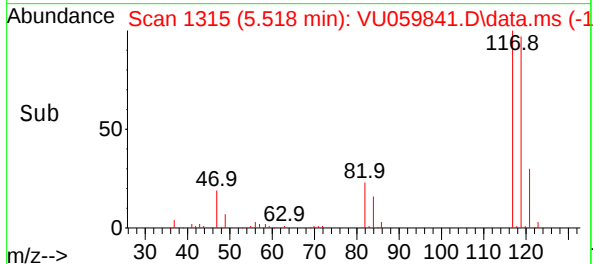
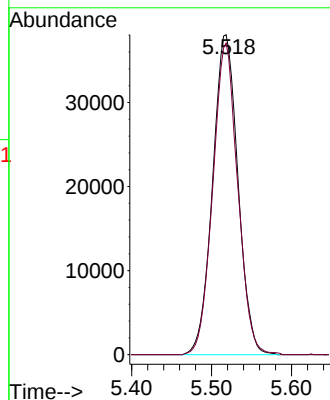
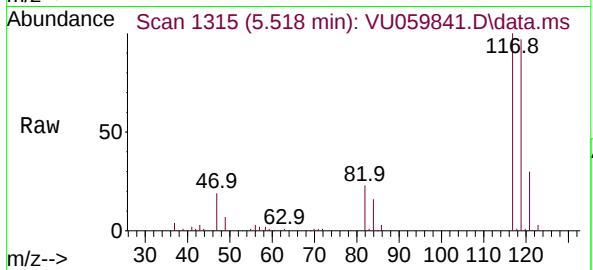




#31
Carbon tetrachloride
Concen: 5.146 ug/L
RT: 5.518 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU059841.D
Acq: 04 Jul 2024 10:57

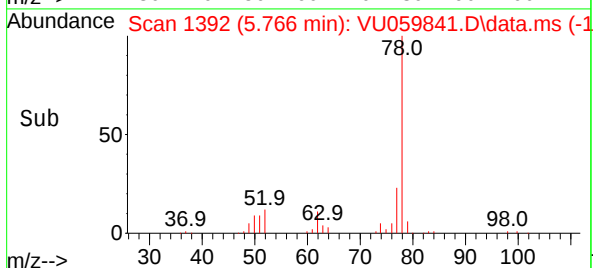
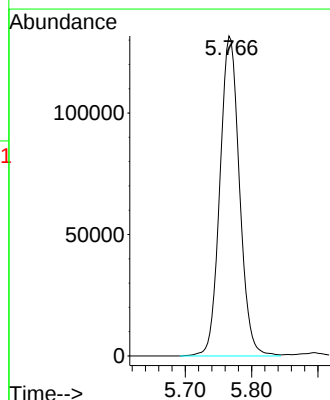
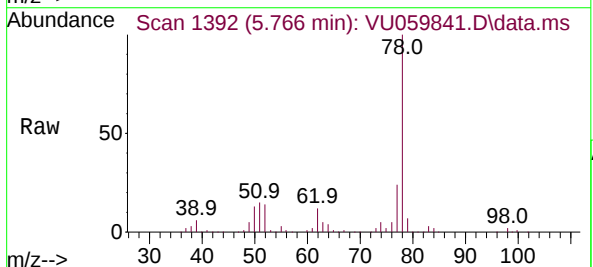
Instrument :
MSVOA_U
ClientSampleId :

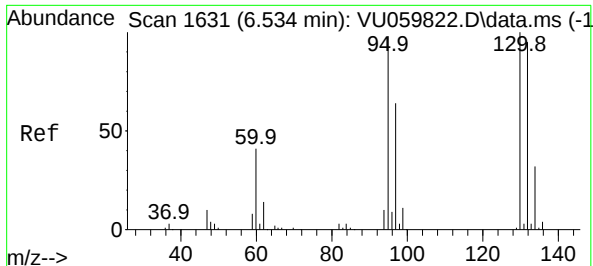
Tgt Ion:117 Resp: 83543
Ion Ratio Lower Upper
117 100
119 95.9 77.5 116.3



#33
Benzene
Concen: 5.293 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU059841.D
Acq: 04 Jul 2024 10:57

Tgt Ion: 78 Resp: 269926





#34

Trichloroethene

Concen: 5.182 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU059841.D

Acq: 04 Jul 2024 10:57

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 71563

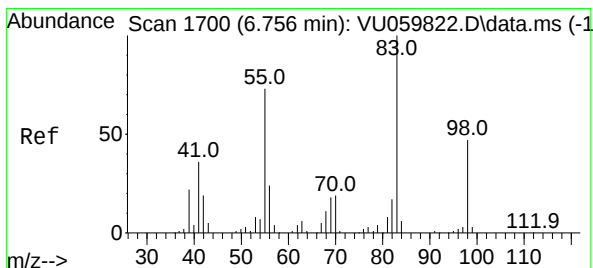
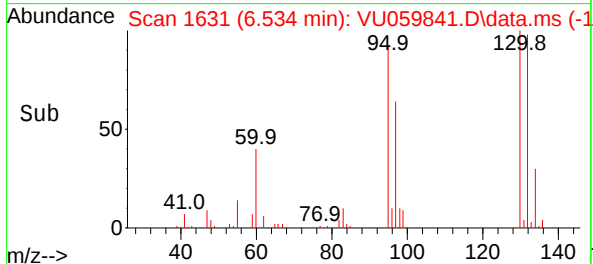
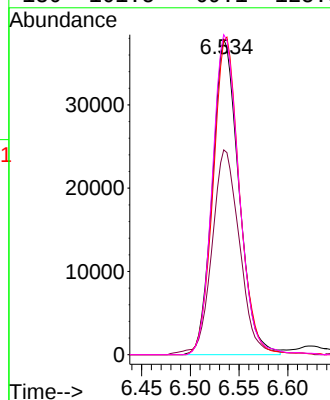
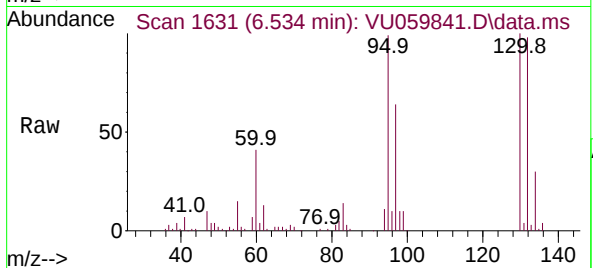
Ion Ratio Lower Upper

95 100

97 65.0 45.3 84.1

132 99.7 64.0 119.0

130 101.5 69.1 128.3



#35

Methylcyclohexane

Concen: 6.868 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU059841.D

Acq: 04 Jul 2024 10:57

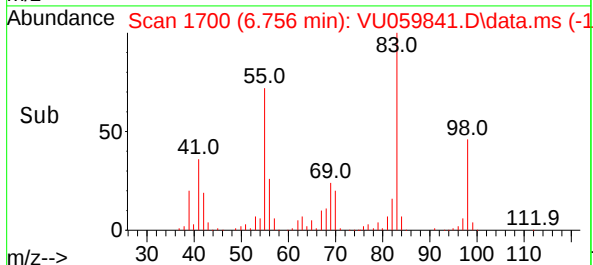
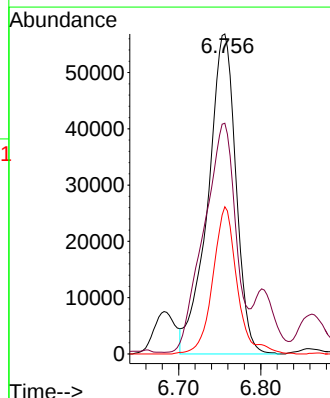
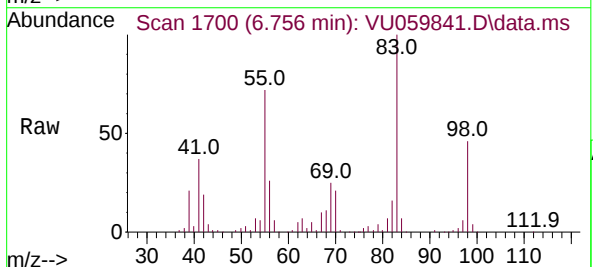
Tgt Ion: 83 Resp: 134949

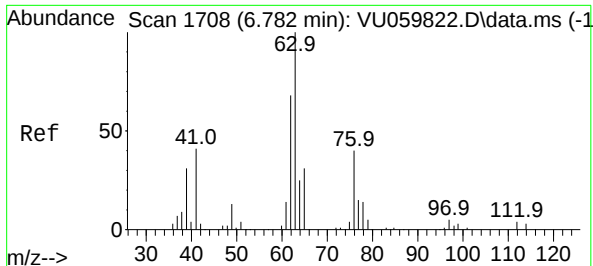
Ion Ratio Lower Upper

83 100

55 80.6 62.7 94.1

98 39.9 35.4 53.0

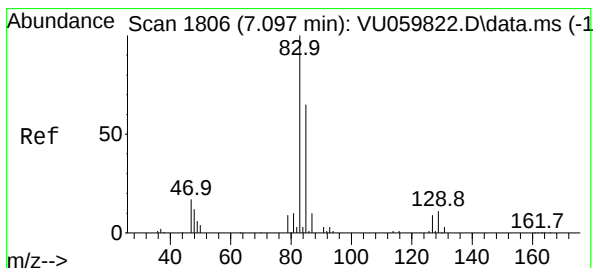
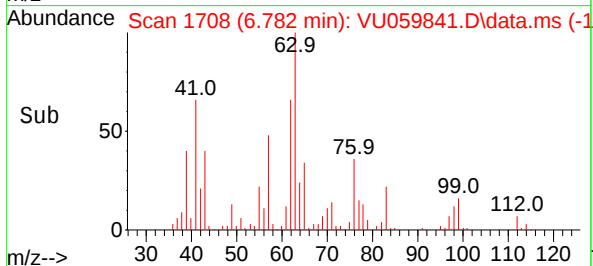
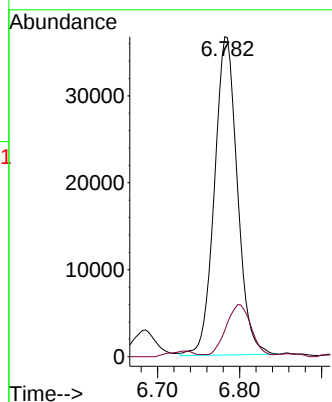
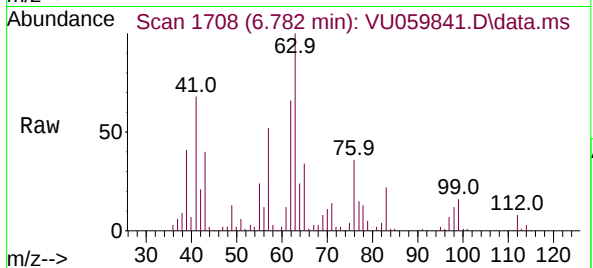




#37
1,2-Dichloropropane
Concen: 5.390 ug/L
RT: 6.782 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU059841.D
Acq: 04 Jul 2024 10:57

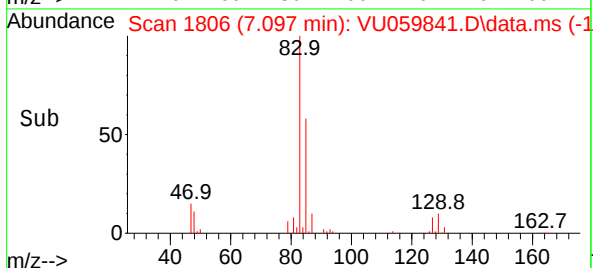
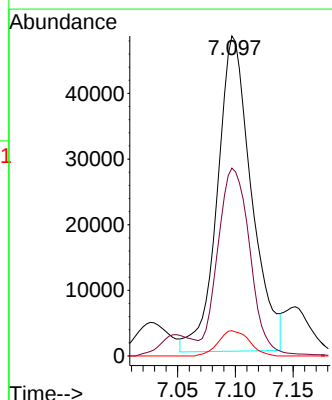
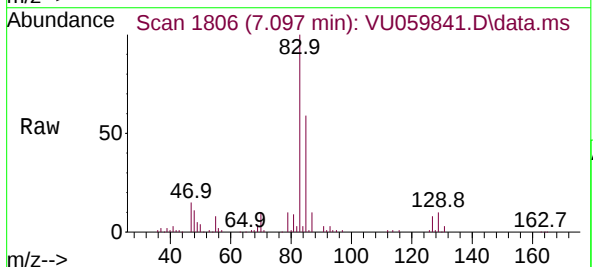
Instrument :
MSVOA_U
ClientSampleId :

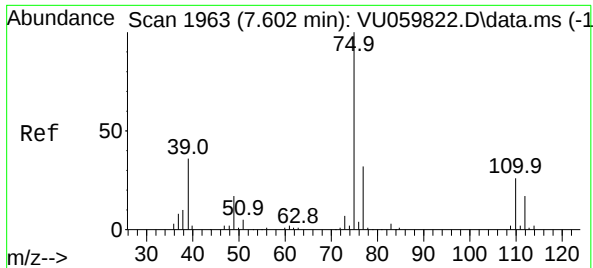
Tgt Ion: 63 Resp: 71122
Ion Ratio Lower Upper
63 100
112 17.8 2.6 3.8#



#38
Bromodichloromethane
Concen: 5.983 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU059841.D
Acq: 04 Jul 2024 10:57

Tgt Ion: 83 Resp: 98545
Ion Ratio Lower Upper
83 100
85 58.7 42.7 79.3
127 7.9 6.1 9.1

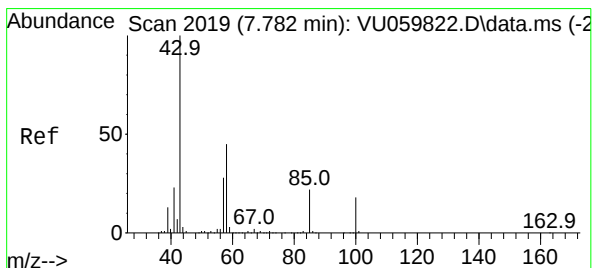
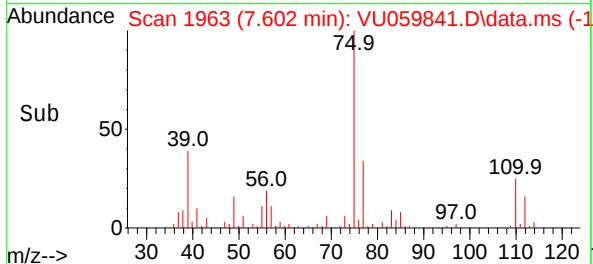
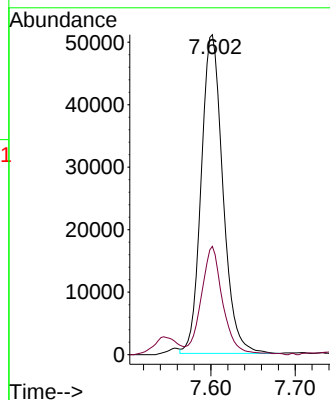
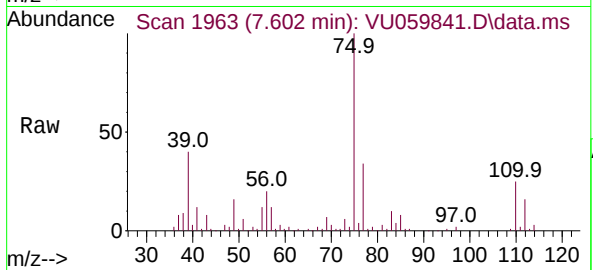




#39
 cis-1,3-Dichloropropene
 Concen: 5.068 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU059841.D
 Acq: 04 Jul 2024 10:57

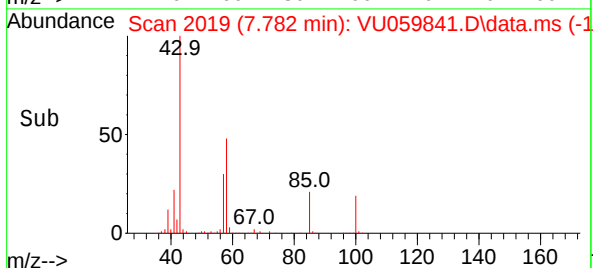
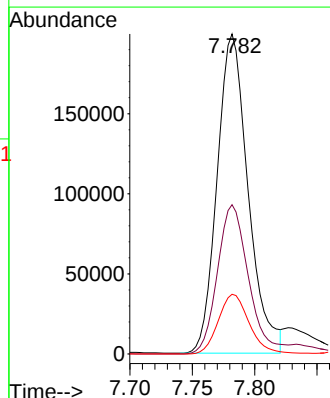
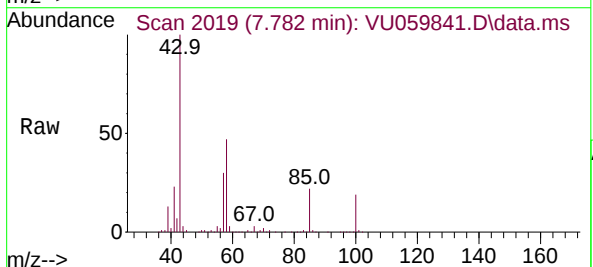
Instrument :
 MSVOA_U
 ClientSampleId :

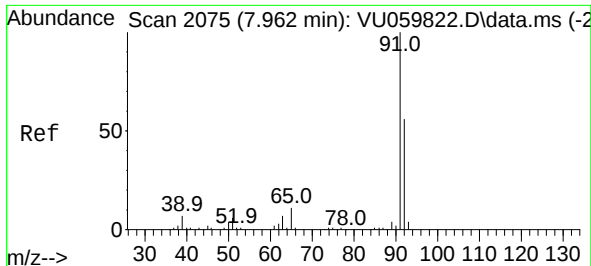
Tgt Ion: 75 Resp: 91462
 Ion Ratio Lower Upper
 75 100
 77 33.8 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 56.374 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU059841.D
 Acq: 04 Jul 2024 10:57

Tgt Ion: 43 Resp: 344715
 Ion Ratio Lower Upper
 43 100
 58 47.2 34.0 51.0
 100 18.8 12.1 18.1#





#42

Toluene

Concen: 5.192 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU059841.D

Acq: 04 Jul 2024 10:57

Instrument :

MSVOA_U

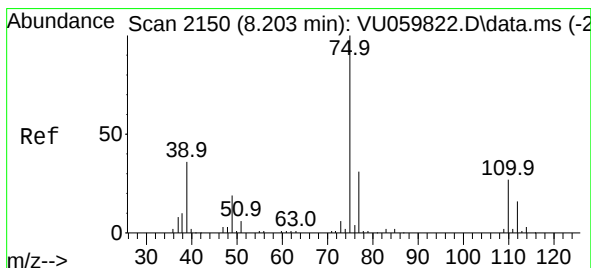
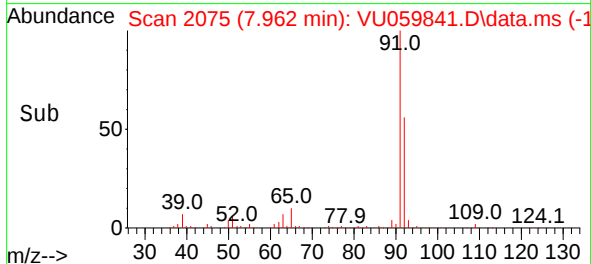
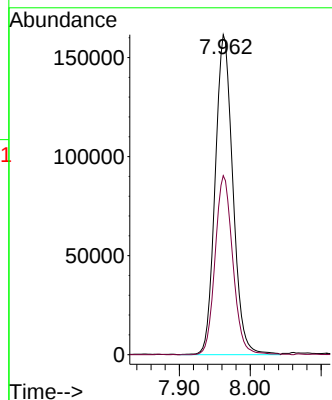
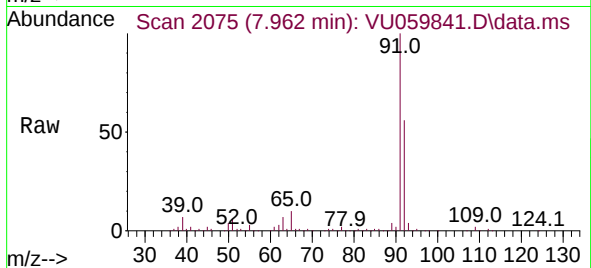
ClientSampleId :

Tgt Ion: 91 Resp: 280284

Ion Ratio Lower Upper

91 100

92 56.0 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.056 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU059841.D

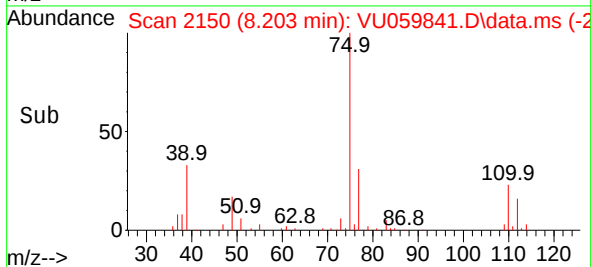
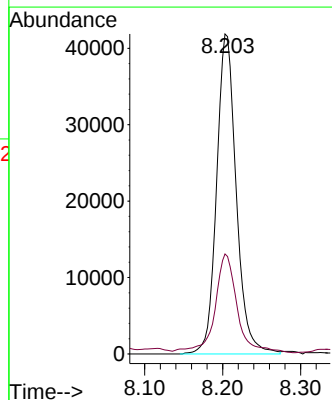
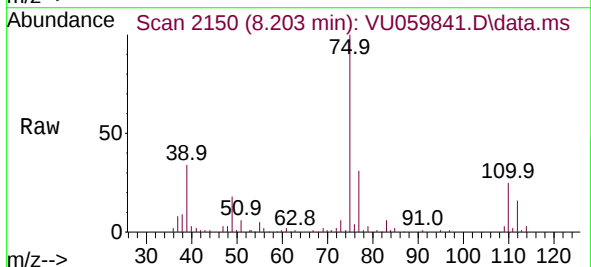
Acq: 04 Jul 2024 10:57

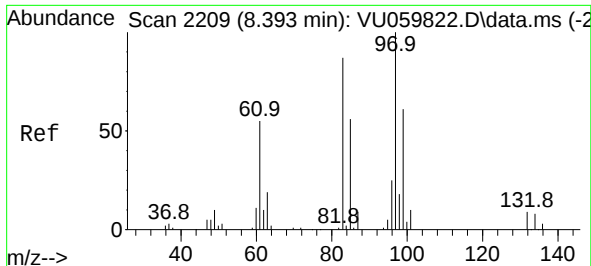
Tgt Ion: 75 Resp: 73234

Ion Ratio Lower Upper

75 100

77 31.2 22.0 41.0

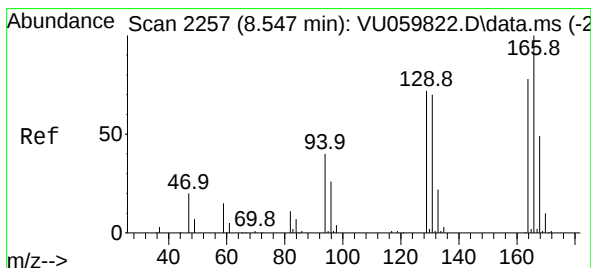
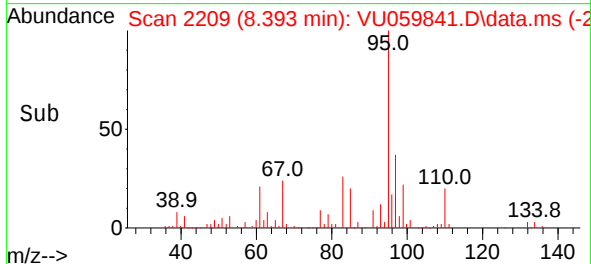
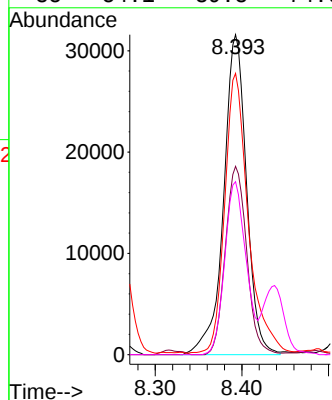
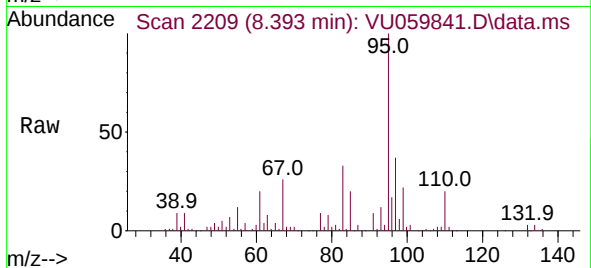




#45
1,1,2-Trichloroethane
Concen: 5.957 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU059841.D
Acq: 04 Jul 2024 10:57

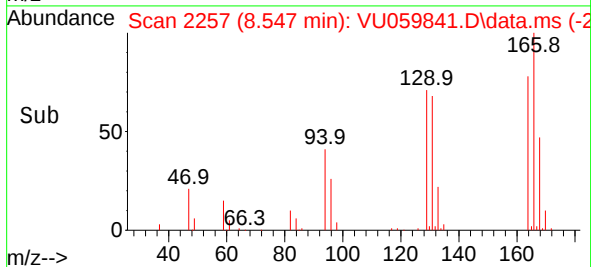
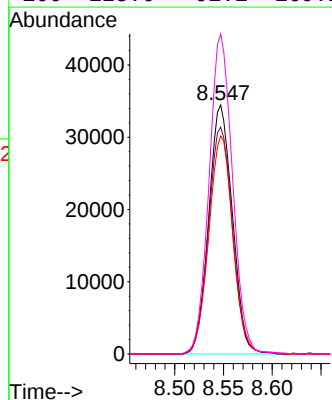
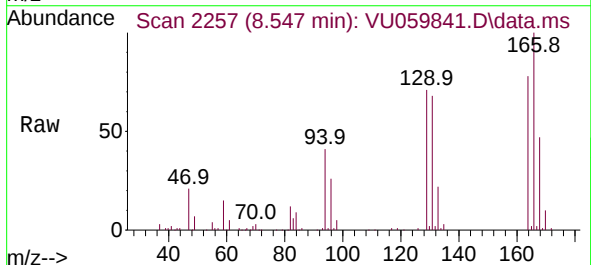
Instrument :
MSVOA_U
ClientSampleId :

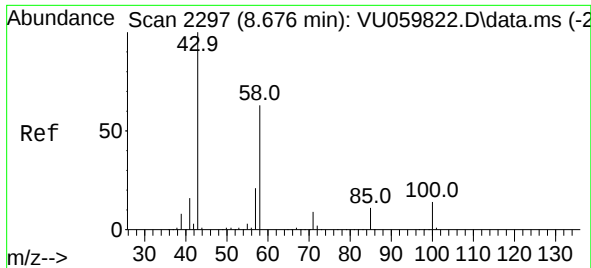
Tgt Ion: 97	Resp: 57925
Ion Ratio	Lower Upper
97 100	
99 58.9	43.3 80.3
83 87.9	62.3 115.7
85 54.1	39.8 74.0



#47
Tetrachloroethene
Concen: 5.430 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU059841.D
Acq: 04 Jul 2024 10:57

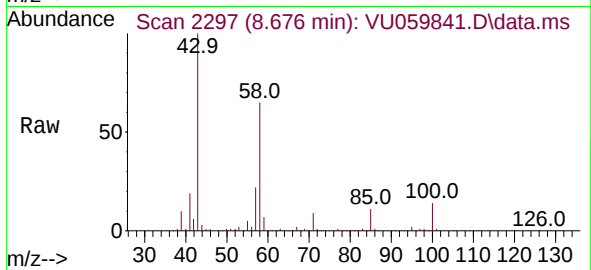
Tgt	Ion:164	Resp:	58190
Ion	Ratio	Lower	Upper
164	100		
129	91.2	70.8	131.4
131	87.6	64.8	120.3
166	128.6	91.1	169.1



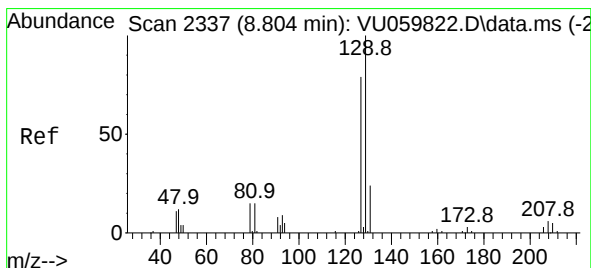
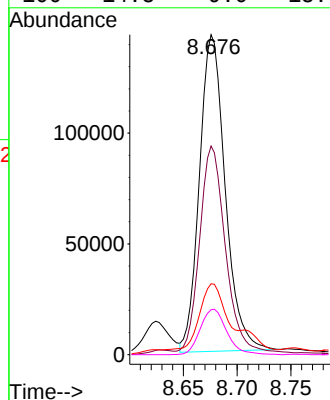
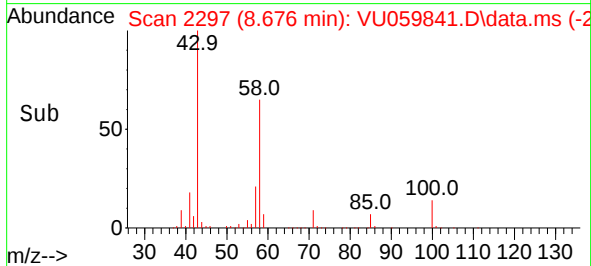


#48
2-Hexanone
Concen: 54.591 ug/L
RT: 8.676 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU059841.D
Acq: 04 Jul 2024 10:57

Instrument :
MSVOA_U
ClientSampleId :

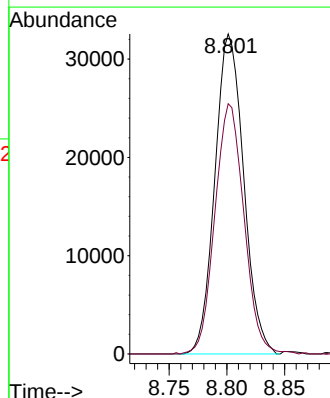
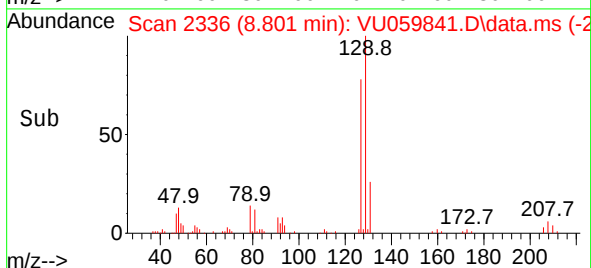
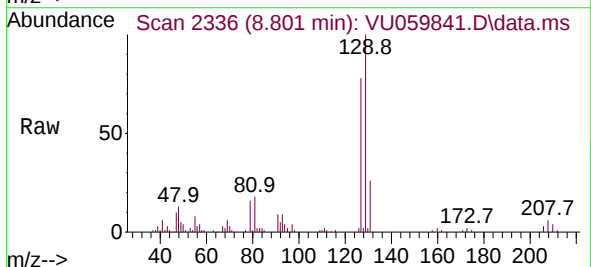


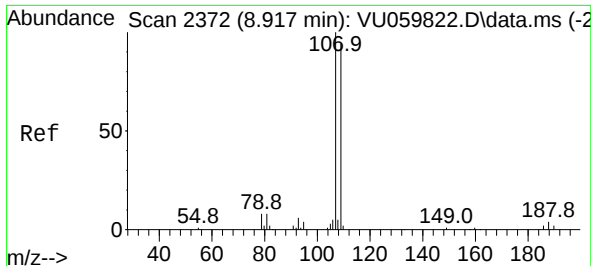
Tgt Ion: 43 Resp: 238239
Ion Ratio Lower Upper
43 100
58 67.3 46.1 69.1
57 21.2 15.5 23.3
100 14.8 9.0 13.6#



#49
Dibromochloromethane
Concen: 5.245 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.003 min
Lab File: VU059841.D
Acq: 04 Jul 2024 10:57

Tgt Ion: 129 Resp: 56505
Ion Ratio Lower Upper
129 100
127 78.2 52.5 97.5

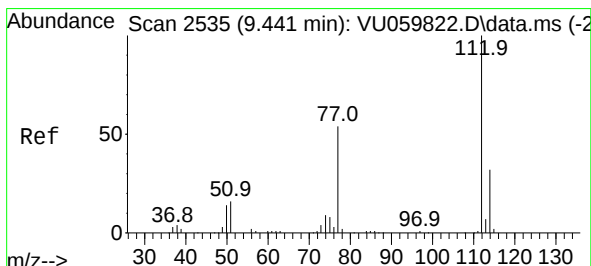
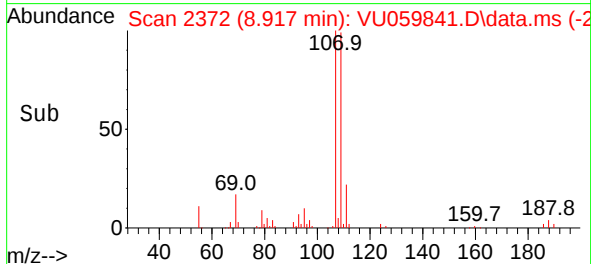
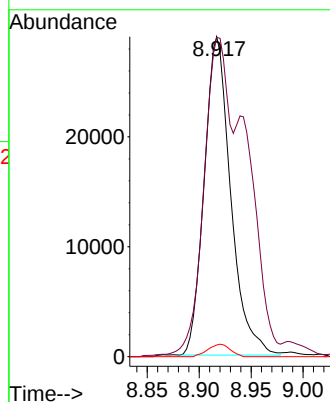
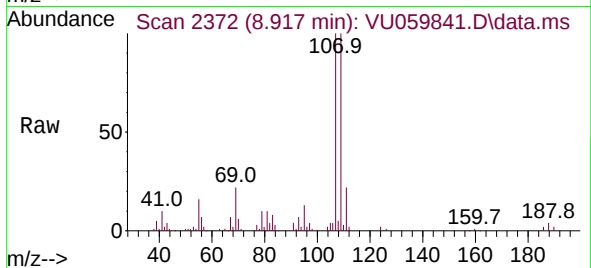




#50
1,2-Dibromoethane
Concen: 5.728 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU059841.D
Acq: 04 Jul 2024 10:57

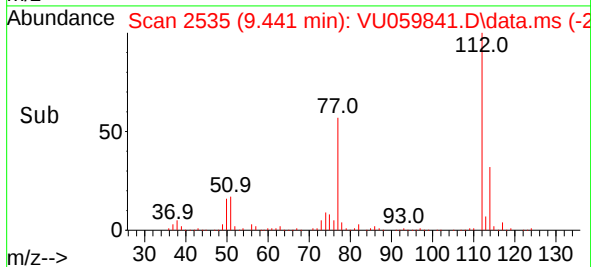
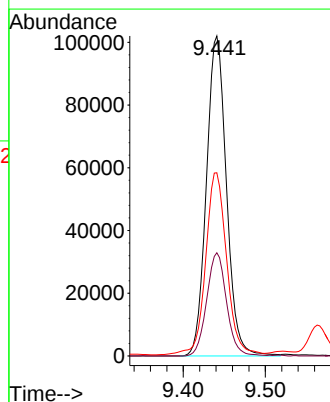
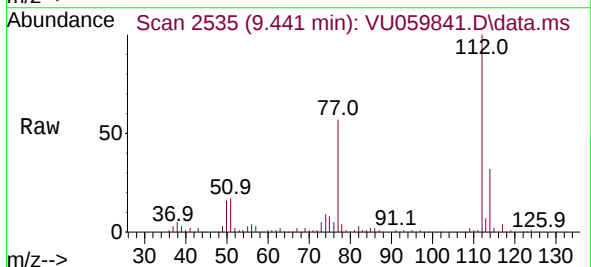
Instrument :
MSVOA_U
ClientSampleId :

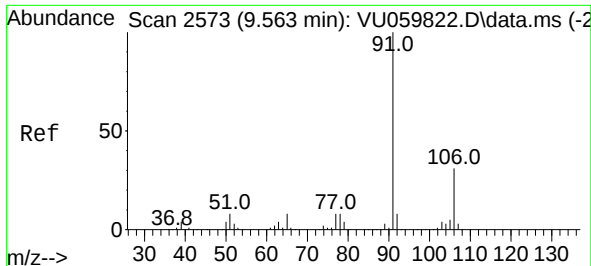
Tgt Ion:	107	Resp:	51439
Ion	Ratio	Lower	Upper
107	100		
109	99.8	66.9	124.3
188	3.7	2.7	4.1



#51
Chlorobenzene
Concen: 5.073 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU059841.D
Acq: 04 Jul 2024 10:57

Tgt Ion:	112	Resp:	173699
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.4	41.6
77	57.3	49.1	73.7





#52

Ethylbenzene

Concen: 3.014 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. 0.000 min

Lab File: VU059841.D

Acq: 04 Jul 2024 10:57

Instrument :

MSVOA_U

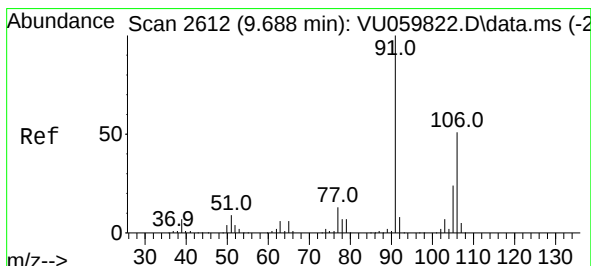
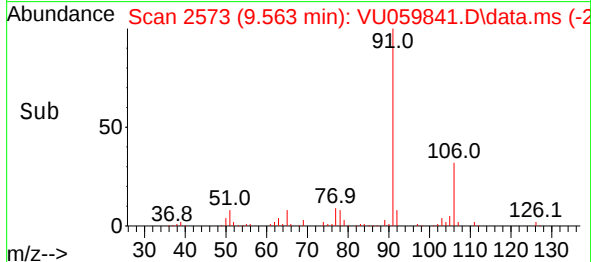
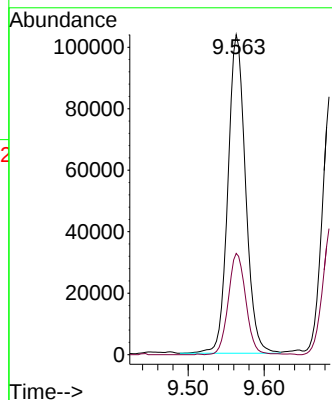
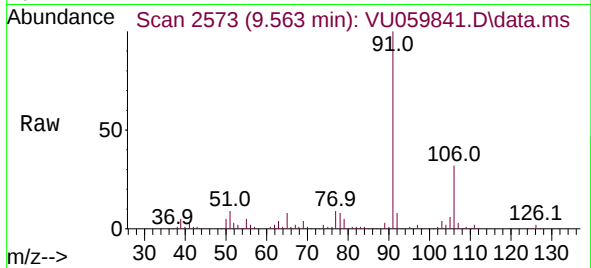
ClientSampleId :

Tgt Ion: 91 Resp: 166906

Ion Ratio Lower Upper

91 100

106 31.7 20.9 38.7



#53

m,p-Xylene

Concen: 3.371 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. 0.000 min

Lab File: VU059841.D

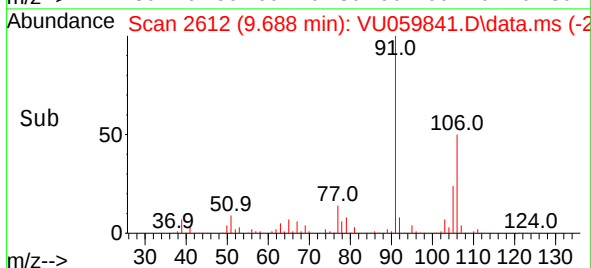
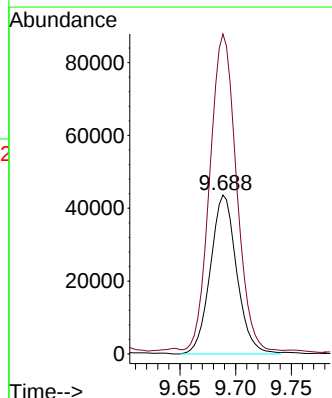
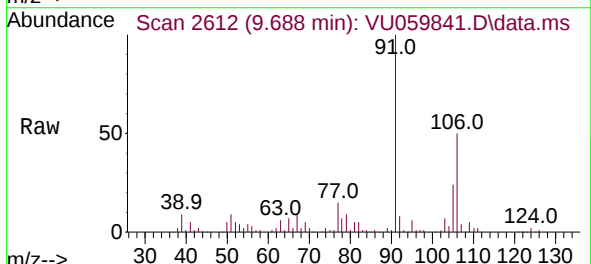
Acq: 04 Jul 2024 10:57

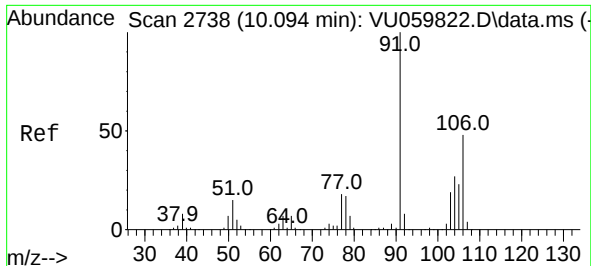
Tgt Ion: 106 Resp: 71710

Ion Ratio Lower Upper

106 100

91 201.4 142.0 263.8

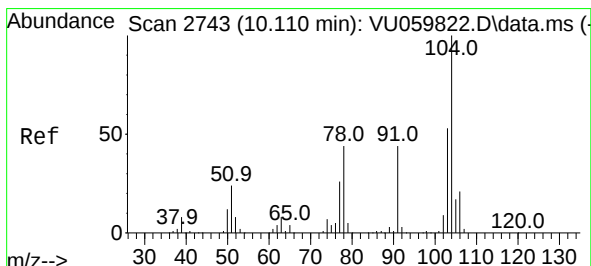
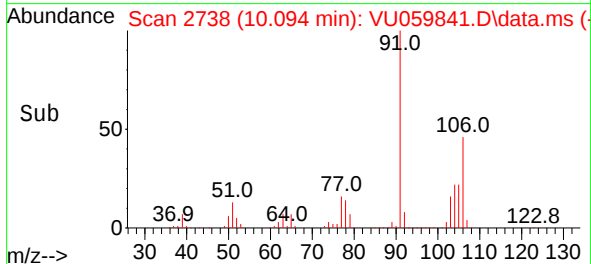
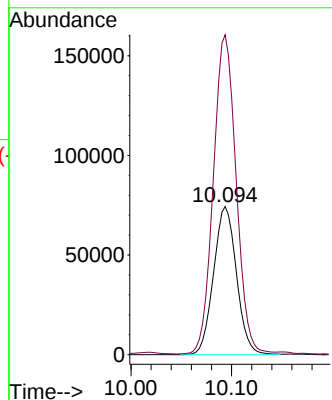
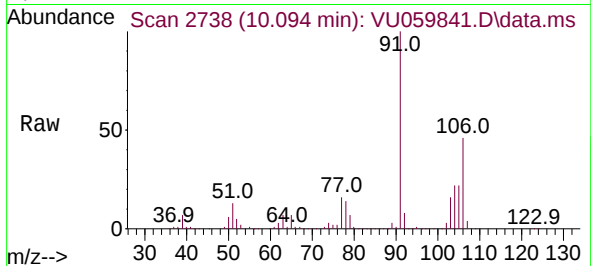




#54
o-Xylene
Concen: 5.835 ug/L
RT: 10.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU059841.D
Acq: 04 Jul 2024 10:57

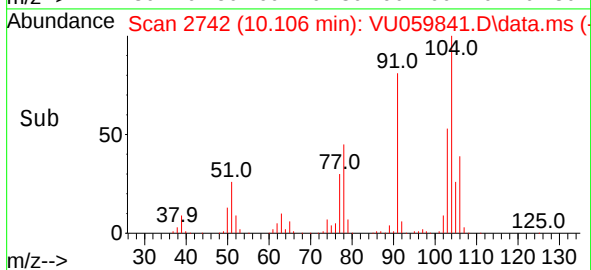
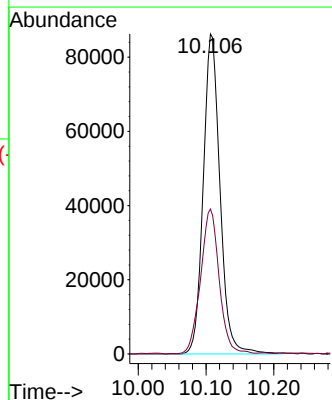
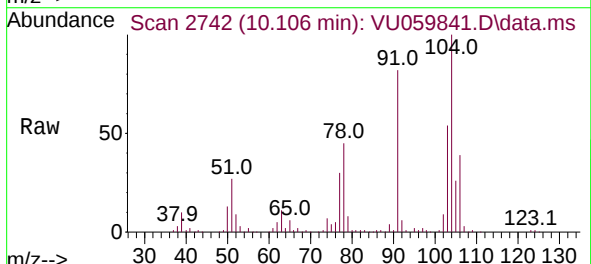
Instrument :
MSVOA_U
ClientSampleId :

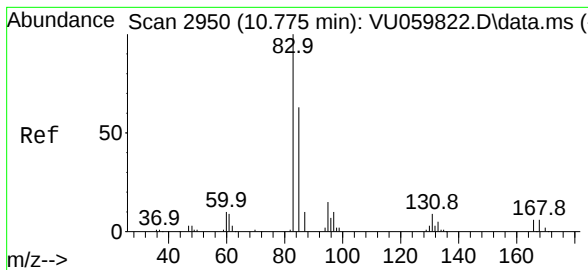
Tgt Ion:106 Resp: 117786
Ion Ratio Lower Upper
106 100
91 216.0 151.6 281.6



#55
Styrene
Concen: 4.309 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.003 min
Lab File: VU059841.D
Acq: 04 Jul 2024 10:57

Tgt Ion:104 Resp: 148060
Ion Ratio Lower Upper
104 100
78 45.3 32.3 60.1

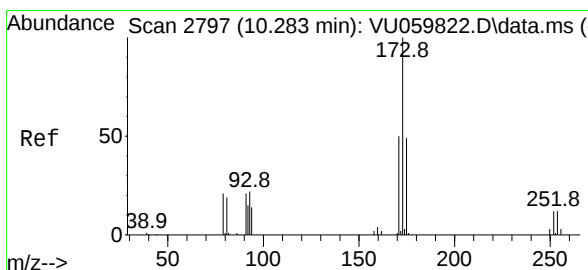
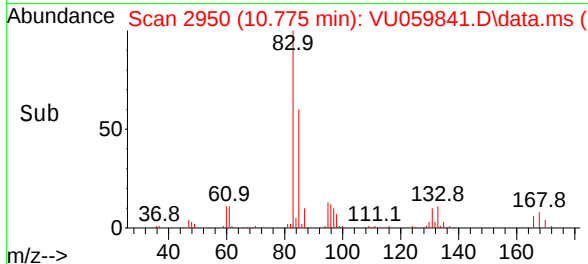
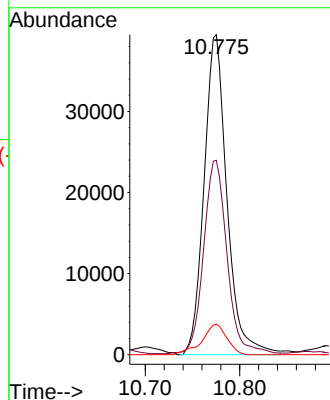
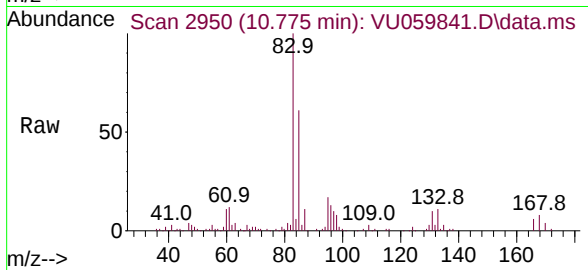




#57
1,1,2,2-Tetrachloroethane
Concen: 5.622 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU059841.D
Acq: 04 Jul 2024 10:57

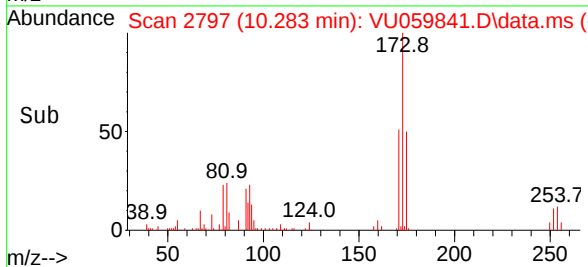
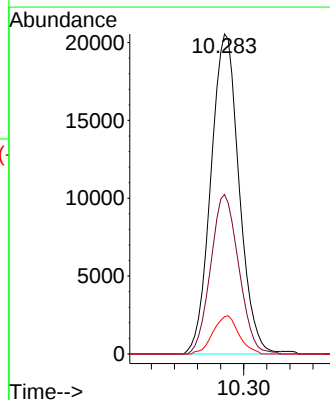
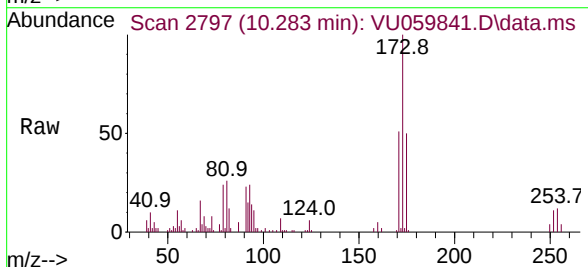
Instrument :
MSVOA_U
ClientSampleId :

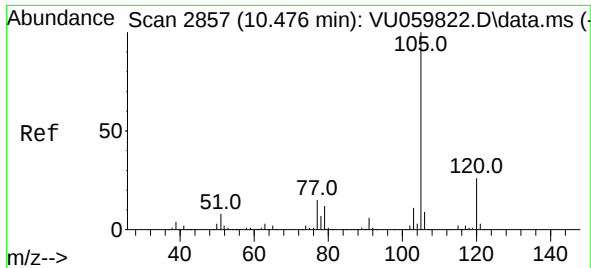
Tgt Ion: 83 Resp: 66321
Ion Ratio Lower Upper
83 100
85 60.8 44.7 82.9
131 9.5 6.9 10.3



#59
Bromoform
Concen: 4.792 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU059841.D
Acq: 04 Jul 2024 10:57

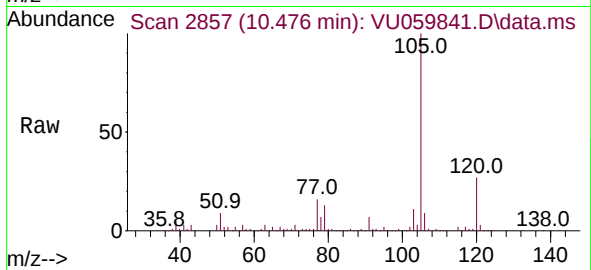
Tgt Ion:173 Resp: 34860
Ion Ratio Lower Upper
173 100
175 49.5 39.4 59.2
254 10.9 7.4 11.2



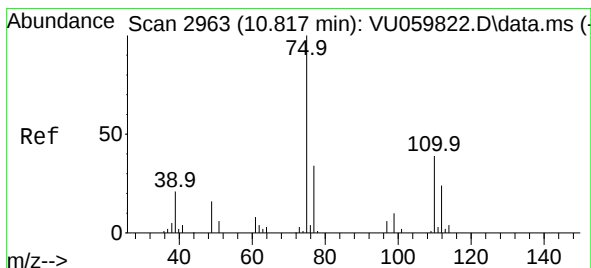
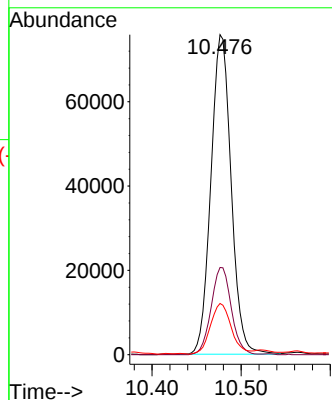
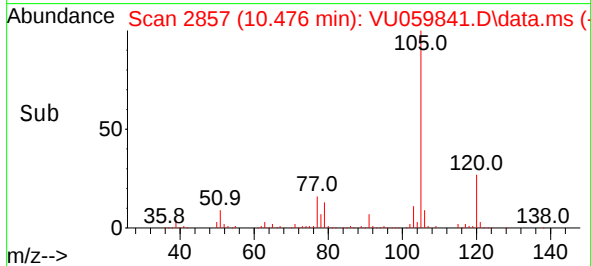


#60
Isopropylbenzene
Concen: 2.037 ug/L
RT: 10.476 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU059841.D
Acq: 04 Jul 2024 10:57

Instrument :
MSVOA_U
ClientSampleId :

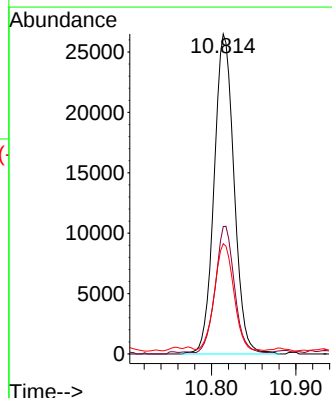
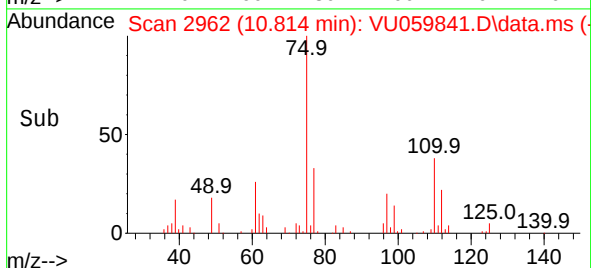
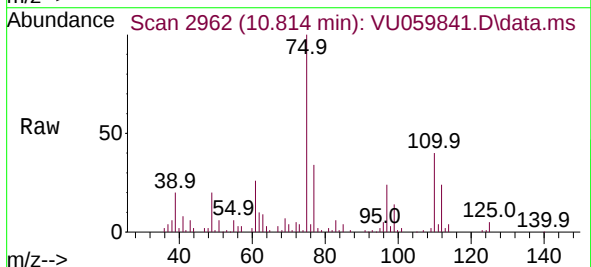


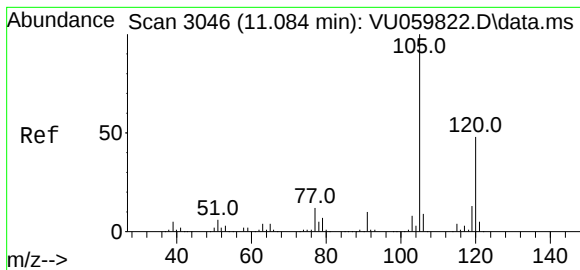
Tgt Ion:105 Resp: 119622
Ion Ratio Lower Upper
105 100
120 27.2 20.6 31.0
77 16.2 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 4.959 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.003 min
Lab File: VU059841.D
Acq: 04 Jul 2024 10:57

Tgt Ion: 75 Resp: 43556
Ion Ratio Lower Upper
75 100
110 37.7 27.1 40.7
77 32.2 25.4 38.2

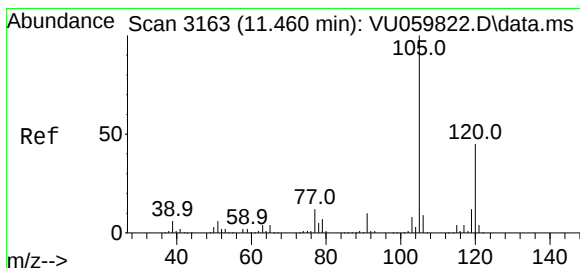
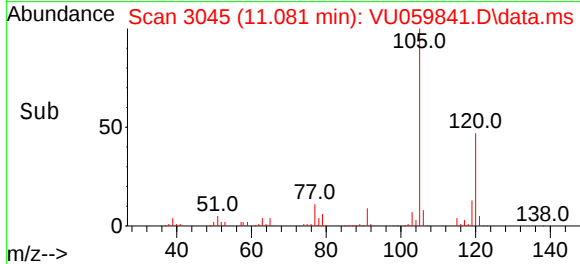
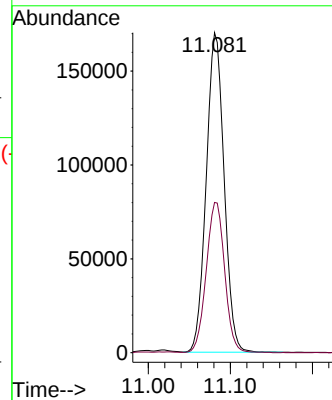
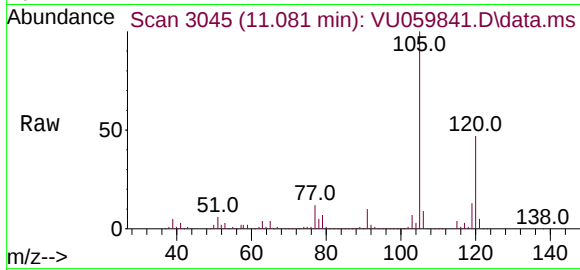




#62
1,3,5-Trimethylbenzene
Concen: 5.538 ug/L
RT: 11.081 min Scan# 3046
Delta R.T. -0.003 min
Lab File: VU059841.D
Acq: 04 Jul 2024 10:57

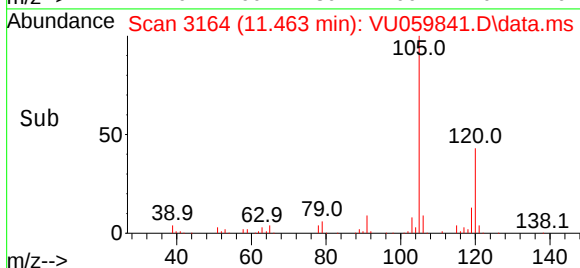
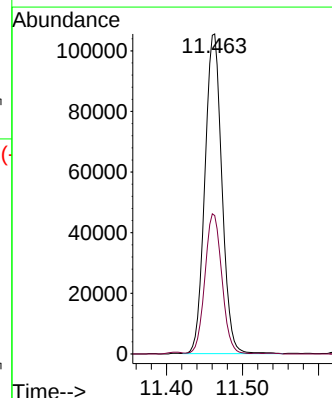
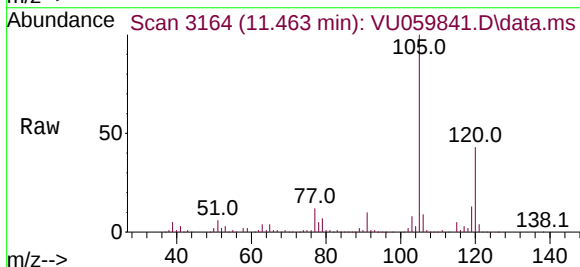
Instrument :
MSVOA_U
ClientSampleId :

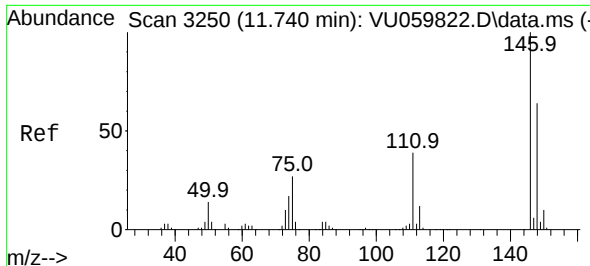
Tgt Ion:105 Resp: 257594
Ion Ratio Lower Upper
105 100
120 48.6 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 3.688 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU059841.D
Acq: 04 Jul 2024 10:57

Tgt Ion:105 Resp: 163993
Ion Ratio Lower Upper
105 100
120 43.3 35.4 53.0

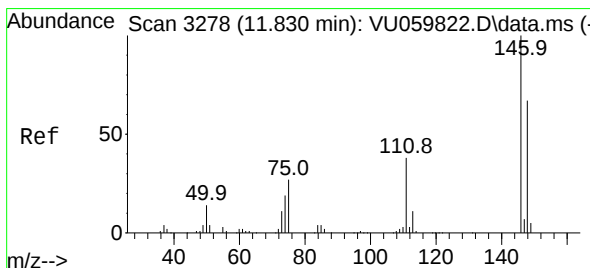
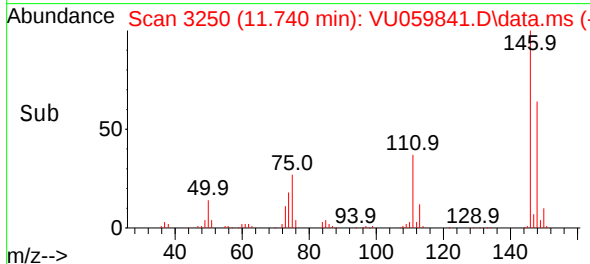
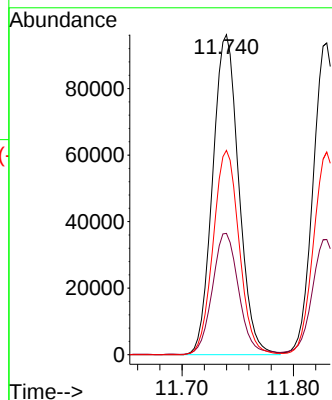
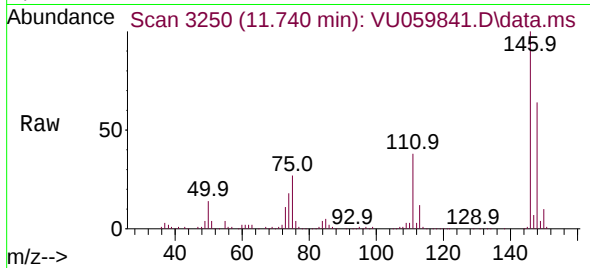




#64
1,3-Dichlorobenzene
Concen: 5.248 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU059841.D
Acq: 04 Jul 2024 10:57

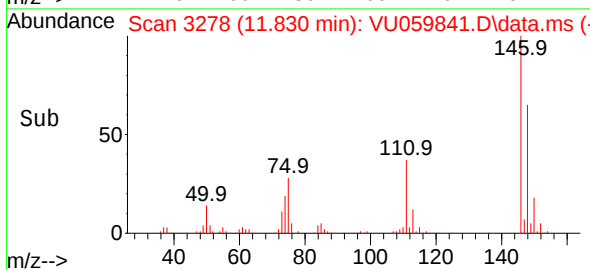
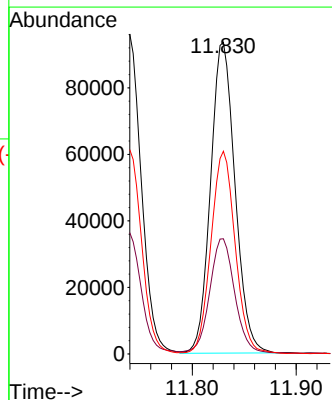
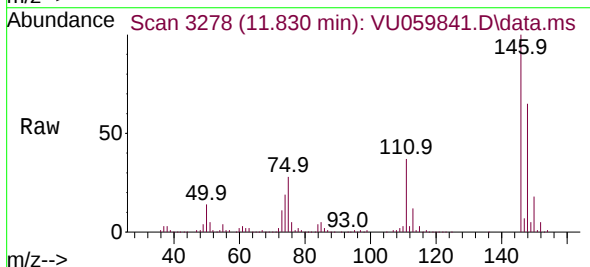
Instrument :
MSVOA_U
ClientSampleId :

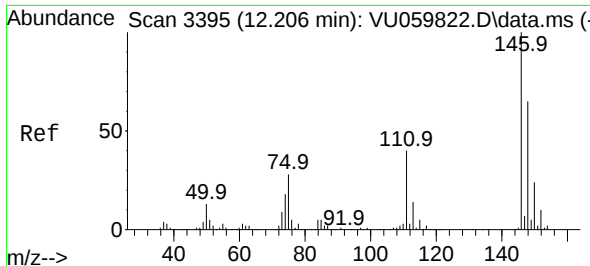
Tgt Ion:146 Resp: 156729
Ion Ratio Lower Upper
146 100
111 37.9 27.4 51.0
148 63.9 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 4.974 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU059841.D
Acq: 04 Jul 2024 10:57

Tgt Ion:146 Resp: 152896
Ion Ratio Lower Upper
146 100
111 37.0 26.9 50.1
148 65.0 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.226 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

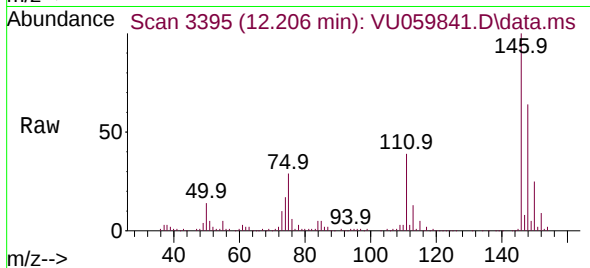
Lab File: VU059841.D

Acq: 04 Jul 2024 10:57

Instrument :

MSVOA_U

ClientSampleId :



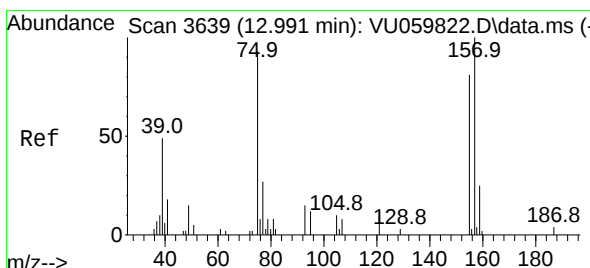
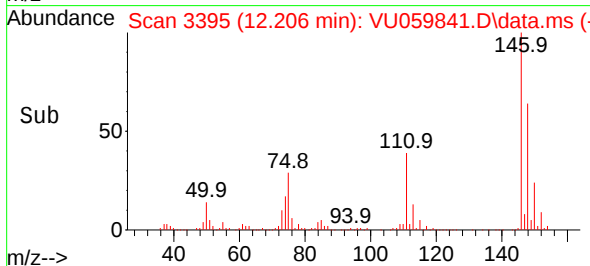
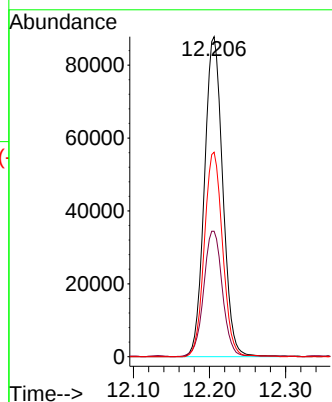
Tgt Ion:146 Resp: 146866

Ion Ratio Lower Upper

146 100

111 39.2 33.4 50.0

148 63.9 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.464 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU059841.D

Acq: 04 Jul 2024 10:57

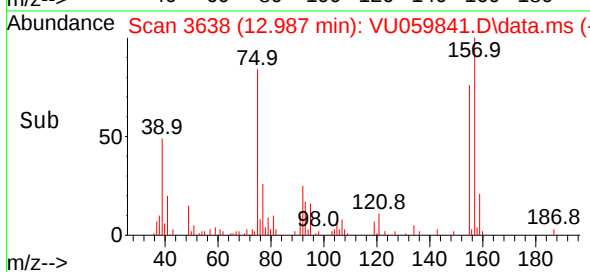
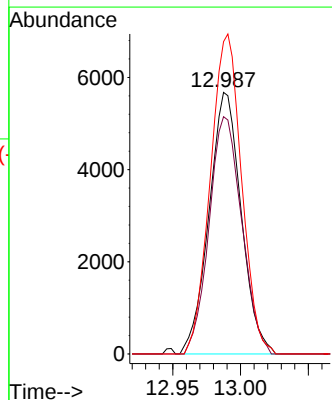
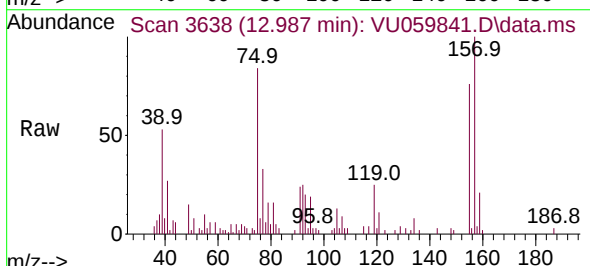
Tgt Ion: 75 Resp: 9361

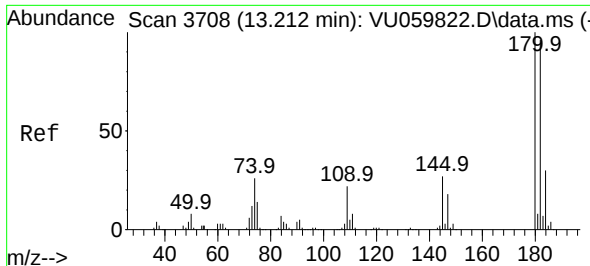
Ion Ratio Lower Upper

75 100

155 90.7 58.2 87.2#

157 119.4 80.0 120.0





#69

1,3,5-Trichlorobenzene

Concen: 5.507 ug/L

RT: 13.212 min Scan# 3

Delta R.T. 0.000 min

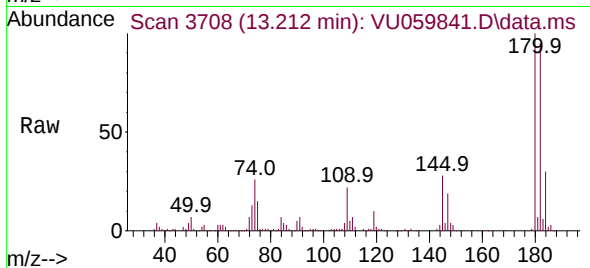
Lab File: VU059841.D

Acq: 04 Jul 2024 10:57

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 121735

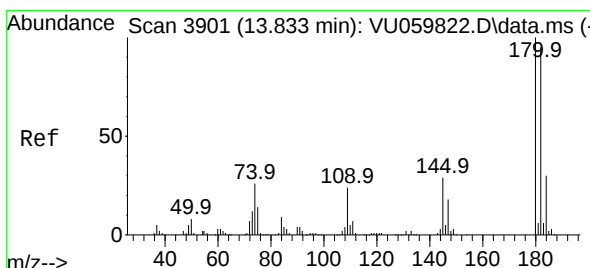
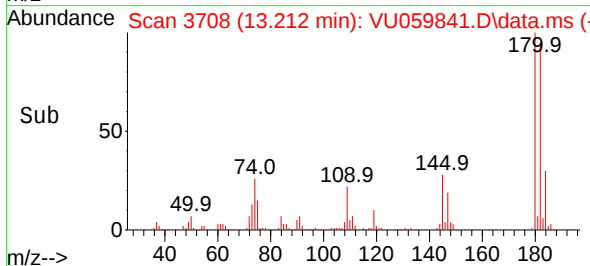
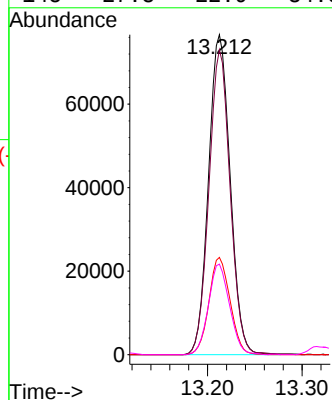
Ion Ratio Lower Upper

180 100

182 93.7 75.4 113.0

184 29.8 23.0 34.6

145 27.8 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 6.117 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU059841.D

Acq: 04 Jul 2024 10:57

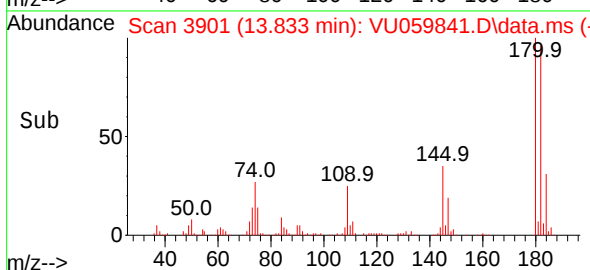
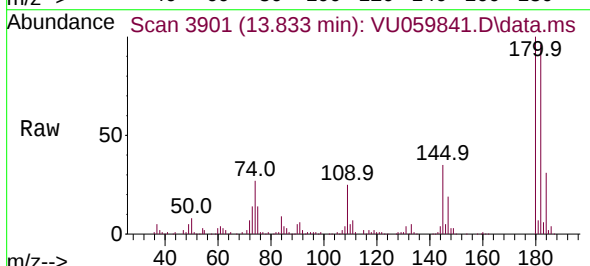
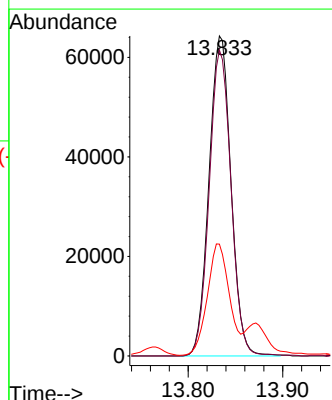
Tgt Ion:180 Resp: 103725

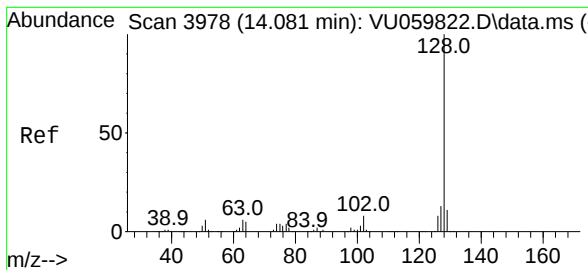
Ion Ratio Lower Upper

180 100

182 95.1 74.9 112.3

145 35.0 23.9 35.9





#71

Naphthalene

Concen: 7.578 ug/L

RT: 14.081 min Scan# 3978

Delta R.T. 0.000 min

Lab File: VU059841.D

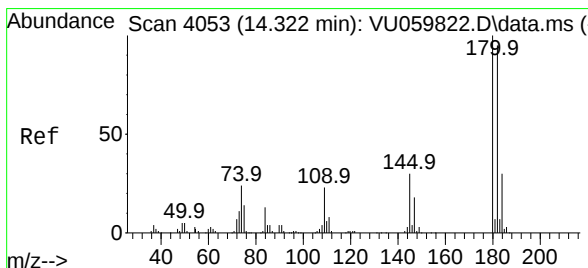
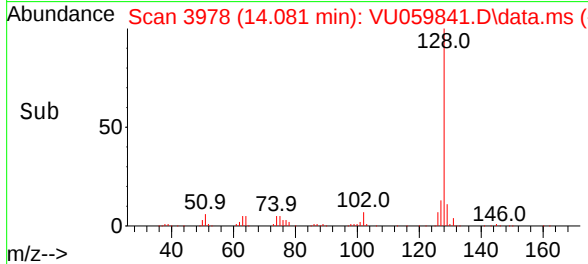
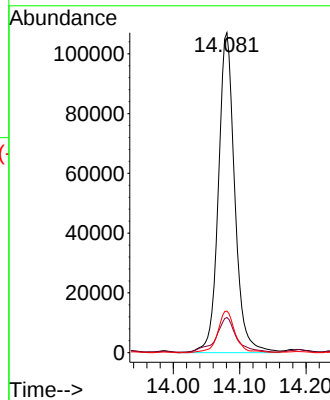
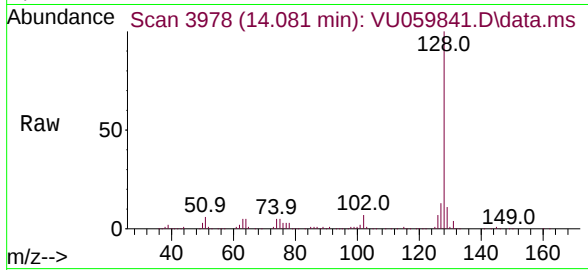
Acq: 04 Jul 2024 10:57

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp: 183931
Ion Ratio	Lower Upper
128	100
129	13.3 8.2 12.4#
127	13.5 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 5.971 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. 0.000 min

Lab File: VU059841.D

Acq: 04 Jul 2024 10:57

Tgt Ion:180	Resp: 94016
Ion Ratio	Lower Upper
180	100
182	96.9 77.0 115.6
145	42.8 26.2 39.4#

