

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062924\
 Data File : VU059666.D
 Acq On : 29 Jun 2024 09:21
 Operator : MD/SY
 Sample : P3068-09MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCL26MS

Quant Time: Jun 30 22:38:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 29 01:51:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	156741	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	164594	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	86366	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	32661	2.997	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.000%
7) Chloroethane-d5	1.908	69	38256	3.648	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.000%
11) 1,1-Dichloroethene-d2	2.560	65	15259	3.375	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.400%
20) 2-Butanone-d5	4.621	46	106356	47.374	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.740%
24) Chloroform-d	5.055	84	97366	4.352	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	5.695	65	44972	4.173	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
32) Benzene-d6	5.721	84	181986	4.017	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
36) 1,2-Dichloropropane-d6	6.682	67	58338	4.203	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.000%
41) Toluene-d8	7.891	98	171676	4.077	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	8.174	79	17300	3.980	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.628	63	88373	48.933	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.860%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	52381	4.567	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	65891	4.287	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	59888	4.509	ug/L	98
3) Chloromethane	1.515	50	64999	4.547	ug/L	97
5) Vinyl chloride	1.599	62	73282	4.641	ug/L	99
6) Bromomethane	1.853	94	43043	3.920	ug/L	96
8) Chloroethane	1.930	64	47104	4.951	ug/L	96
9) Trichlorofluoromethane	2.133	101	144163	7.584	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	54385	4.520	ug/L	92
12) 1,1-Dichloroethene	2.573	96	52298	4.704	ug/L	79
13) Acetone	2.634	43	69581	47.778	ug/L	93
14) Carbon disulfide	2.785	76	165397	4.459	ug/L	100
15) Methyl Acetate	2.949	43	14224	3.701	ug/L #	88
16) Methylene chloride	3.036	84	61191	4.645	ug/L	89
17) Methyl tert-butyl Ether	3.355	73	114192	4.767	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	56803	4.913	ug/L	90
19) 1,1-Dichloroethane	3.859	63	103111	4.837	ug/L	96
21) 2-Butanone	4.699	43	110987	47.514	ug/L	89
22) cis-1,2-Dichloroethene	4.657	96	62971	4.942	ug/L	96
23) Bromochloromethane	4.965	128	30102	5.182	ug/L	87
25) Chloroform	5.078	83	113833	5.069	ug/L	99

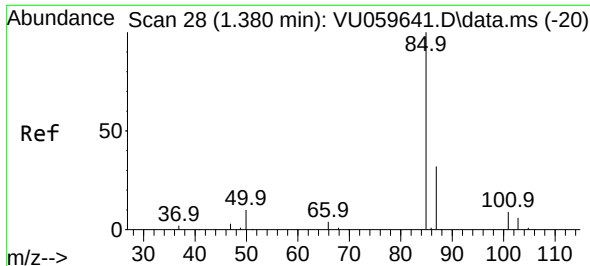
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.789	62	65374	4.804	ug/L	96
29) 1,1,1-Trichloroethane	5.306	97	90009	4.736	ug/L	97
30) Cyclohexane	5.380	56	73072	4.355	ug/L	94
31) Carbon tetrachloride	5.515	117	75601	4.750	ug/L	98
33) Benzene	5.766	78	241674	4.835	ug/L	100
34) Trichloroethene	6.534	95	126591	9.352	ug/L	94
35) Methylcyclohexane	6.756	83	78291	4.065	ug/L	95
37) 1,2-Dichloropropane	6.782	63	61564	4.760	ug/L #	98
38) Bromodichloromethane	7.097	83	79177	4.904	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	76601	4.330	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	287112	47.903	ug/L #	96
42) Toluene	7.962	91	263764	4.984	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	62954	4.434	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	48258	5.063	ug/L	98
47) Tetrachloroethene	8.547	164	50427	4.801	ug/L	95
48) 2-Hexanone	8.676	43	206956	48.382	ug/L #	93
49) Dibromochloromethane	8.801	129	52438	4.966	ug/L	100
50) 1,2-Dibromoethane	8.917	107	42611	4.841	ug/L	99
51) Chlorobenzene	9.441	112	163695	4.877	ug/L	94
52) Ethylbenzene	9.563	91	260117	4.792	ug/L	97
53) m,p-Xylene	9.689	106	100633	4.827	ug/L	96
54) o-Xylene	10.094	106	95712	4.837	ug/L	97
55) Styrene	10.110	104	163784	4.863	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	57905	5.008	ug/L	99
59) Bromoform	10.284	173	31751	4.804	ug/L #	99
60) Isopropylbenzene	10.476	105	251970	4.723	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	37967	4.757	ug/L	94
62) 1,3,5-Trimethylbenzene	11.081	105	189236	4.477	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	184343	4.562	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	130999	4.828	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	128800	4.611	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	122928	4.814	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	7802	5.012	ug/L	94
69) 1,3,5-Trichlorobenzene	13.213	180	90011	4.481	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	68098	4.419	ug/L	97
71) Naphthalene	14.081	128	89902	4.076	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	62786	4.388	ug/L	98

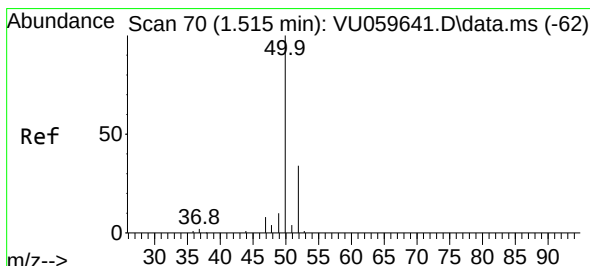
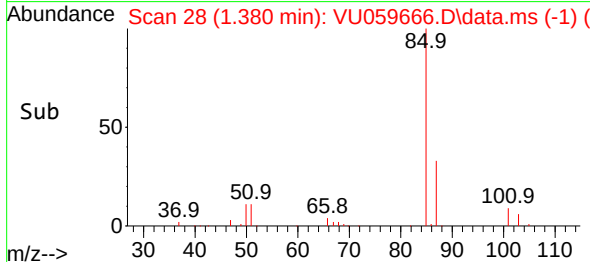
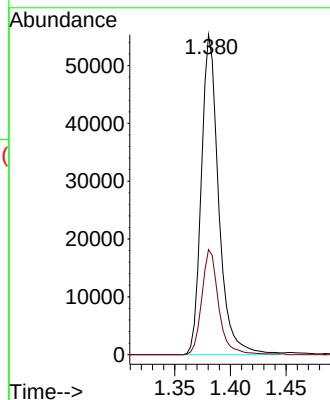
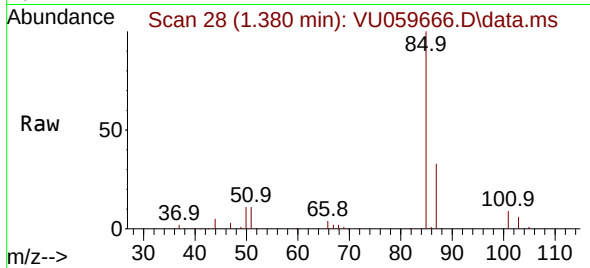
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#2
 Dichlorodifluoromethane
 Concen: 4.509 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VU059666.D
 Acq: 29 Jun 2024 09:21

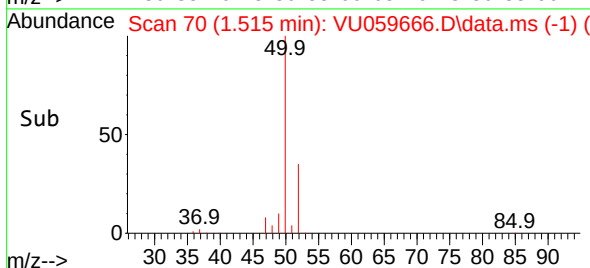
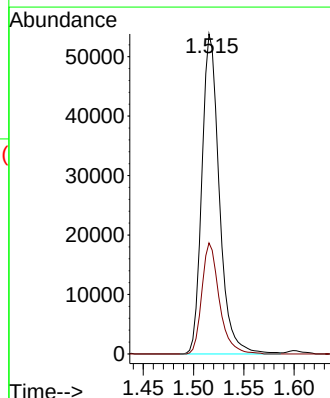
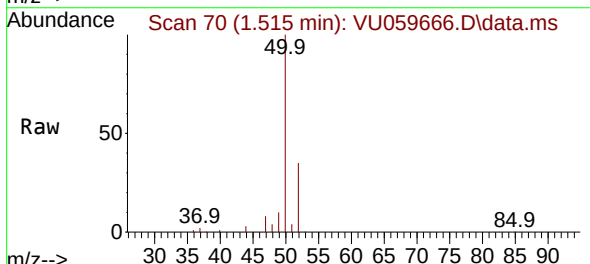
Instrument :
 MSVOA_U
 ClientSampleId :
 GCL26MS

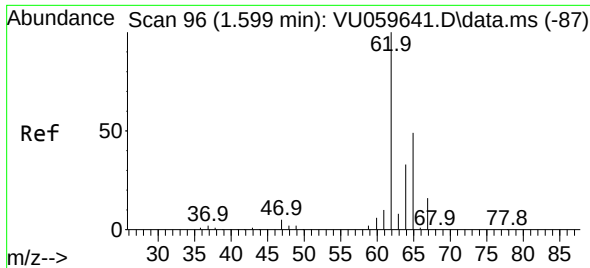
Tgt Ion: 85 Resp: 59888
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.6 40.0



#3
 Chloromethane
 Concen: 4.547 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU059666.D
 Acq: 29 Jun 2024 09:21

Tgt Ion: 50 Resp: 64999
 Ion Ratio Lower Upper
 50 100
 52 34.7 23.2 43.0

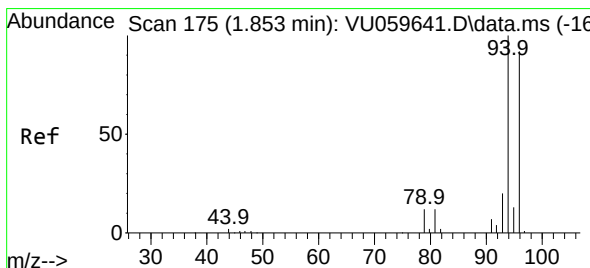
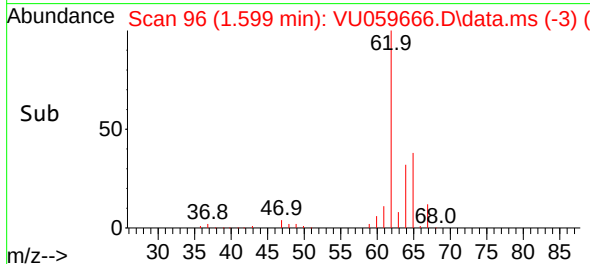
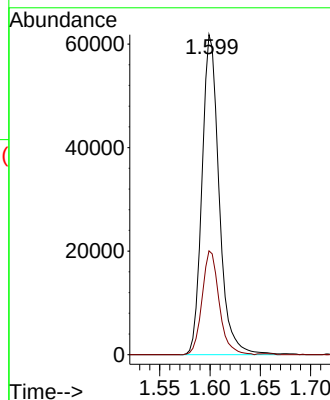
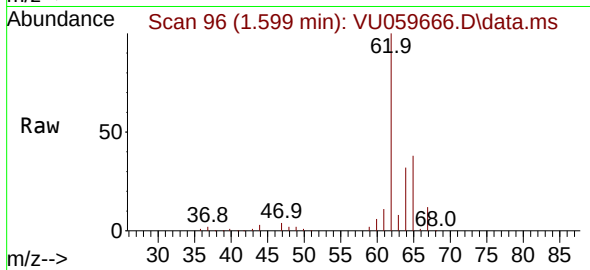




#5
Vinyl chloride
Concen: 4.641 ug/L
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU059666.D
Acq: 29 Jun 2024 09:21

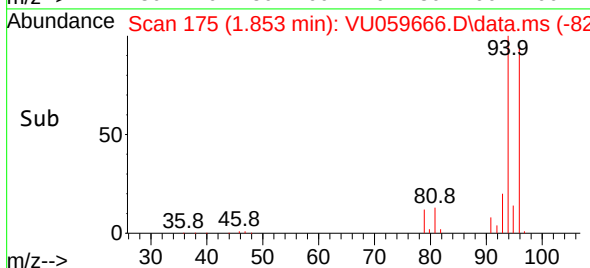
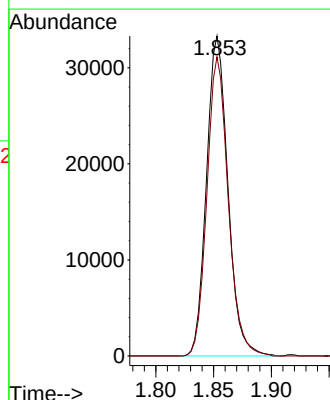
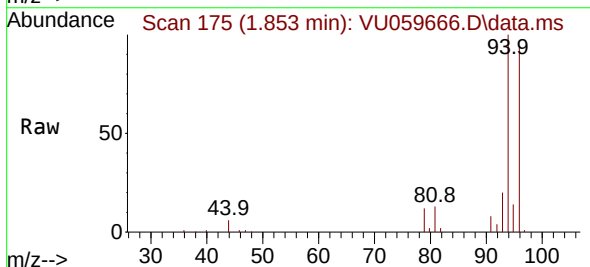
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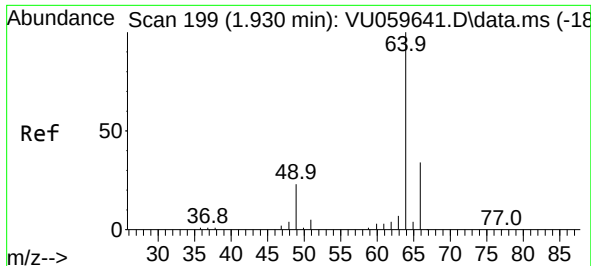
Tgt Ion: 62 Resp: 73282
Ion Ratio Lower Upper
62 100
64 32.5 23.1 42.9



#6
Bromomethane
Concen: 3.920 ug/L
RT: 1.853 min Scan# 175
Delta R.T. 0.000 min
Lab File: VU059666.D
Acq: 29 Jun 2024 09:21

Tgt Ion: 94 Resp: 43043
Ion Ratio Lower Upper
94 100
96 93.5 62.9 116.9

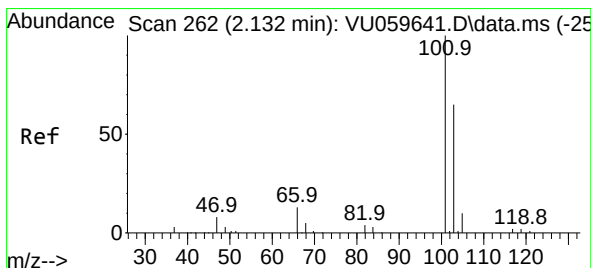
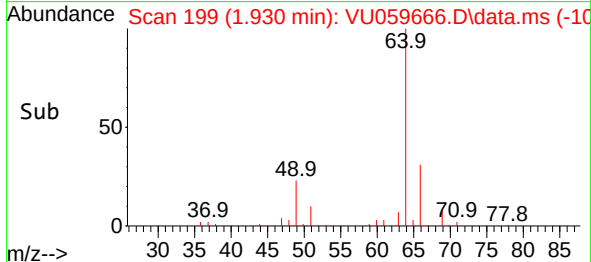
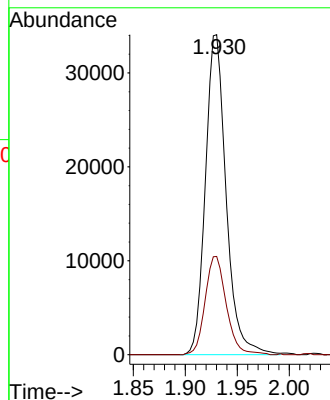
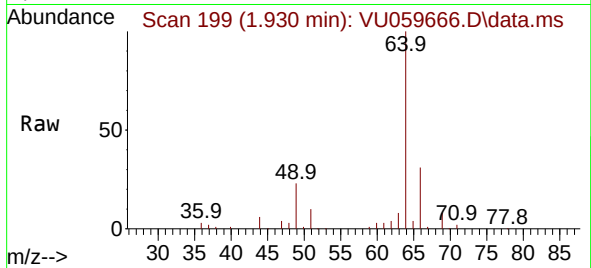




#8
Chloroethane
Concen: 4.951 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU059666.D
Acq: 29 Jun 2024 09:21

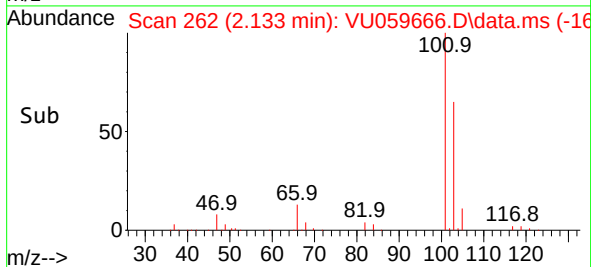
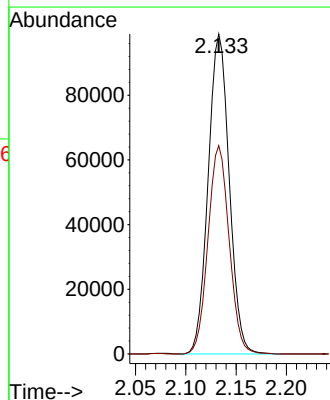
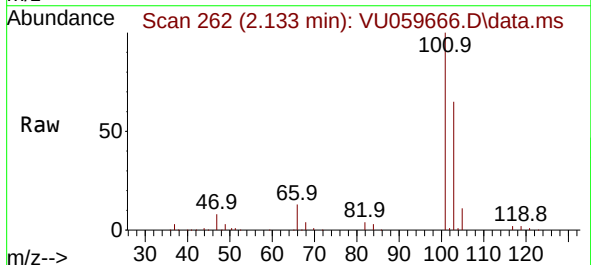
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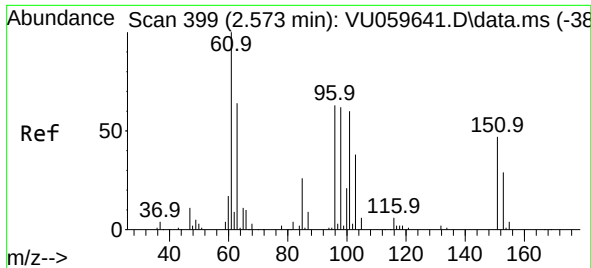
Tgt Ion: 64 Resp: 47104
Ion Ratio Lower Upper
64 100
66 30.7 23.2 43.2



#9
Trichlorofluoromethane
Concen: 7.584 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU059666.D
Acq: 29 Jun 2024 09:21

Tgt Ion:101 Resp: 144163
Ion Ratio Lower Upper
101 100
103 65.3 52.6 79.0

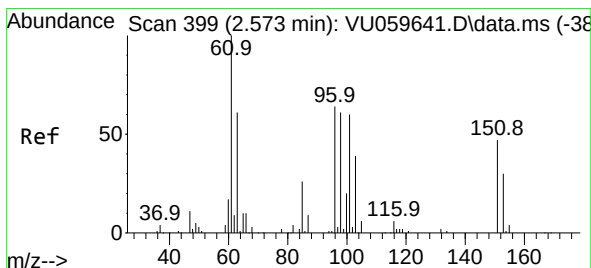
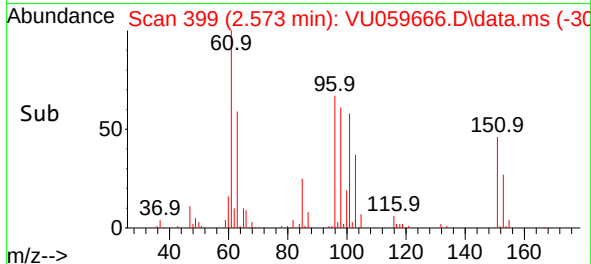
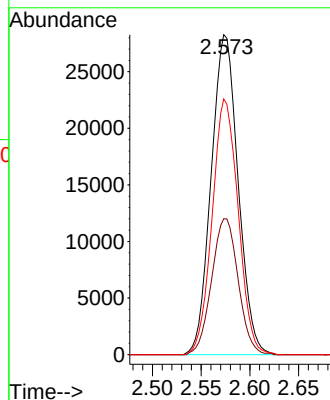
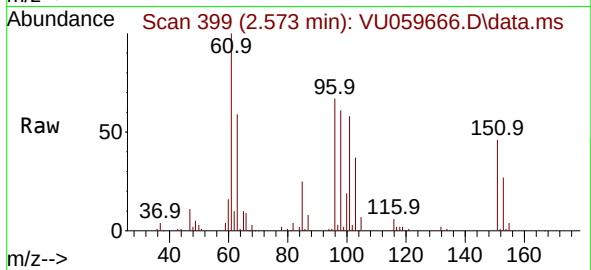




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.520 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU059666.D
 Acq: 29 Jun 2024 09:21

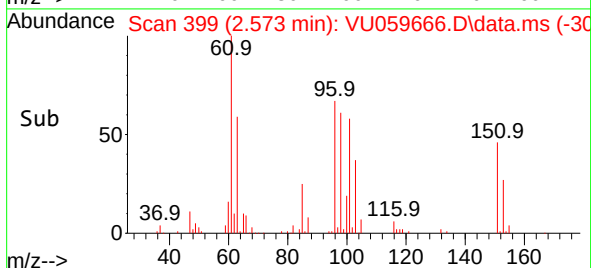
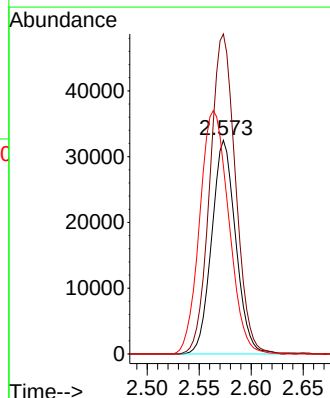
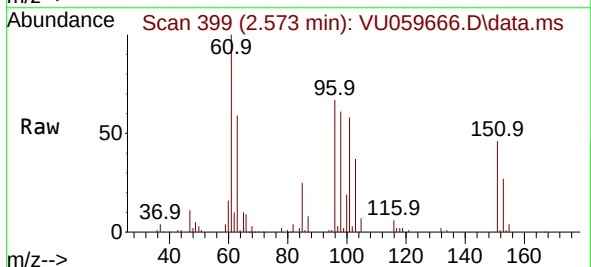
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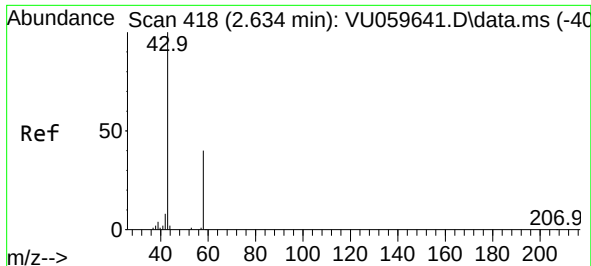
Tgt Ion: 101 Resp: 54385
 Ion Ratio Lower Upper
 101 100
 85 41.9 36.2 54.4
 151 77.2 55.5 83.3



#12
 1,1-Dichloroethene
 Concen: 4.704 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU059666.D
 Acq: 29 Jun 2024 09:21

Tgt Ion: 96 Resp: 52298
 Ion Ratio Lower Upper
 96 100
 61 149.8 122.9 228.3
 63 88.0 80.4 149.4





#13

Acetone

Concen: 47.778 ug/L

RT: 2.634 min Scan# 418

Delta R.T. 0.000 min

Lab File: VU059666.D

Acq: 29 Jun 2024 09:21

Instrument :

MSVOA_U

ClientSampleId :

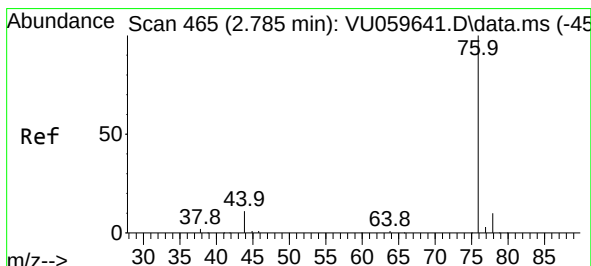
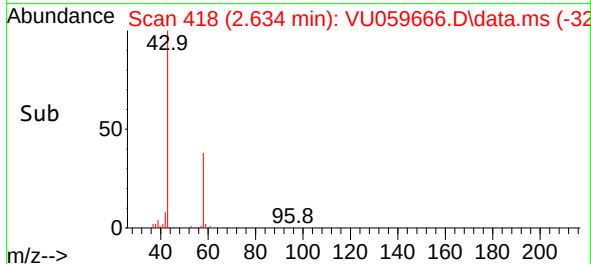
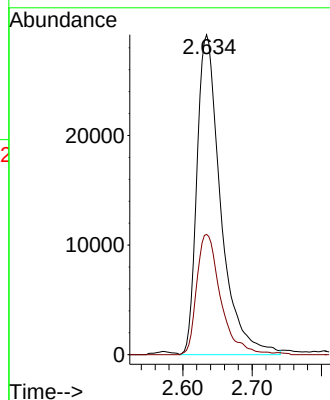
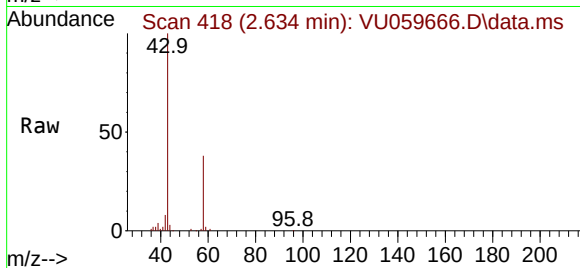
GCL26MS

Tgt Ion: 43 Resp: 69581

Ion Ratio Lower Upper

43 100

58 37.9 0.0 68.0



#14

Carbon disulfide

Concen: 4.459 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU059666.D

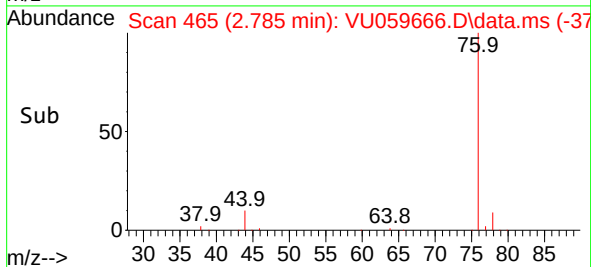
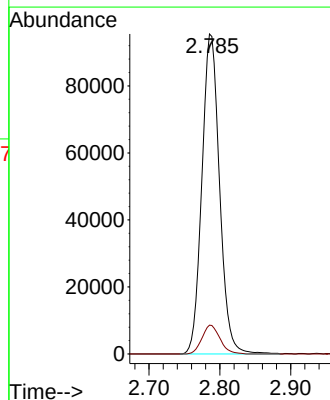
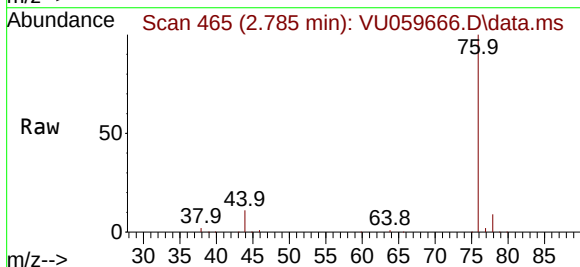
Acq: 29 Jun 2024 09:21

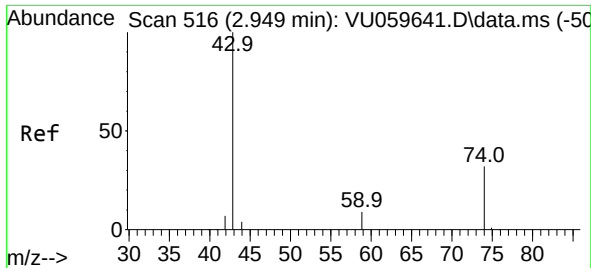
Tgt Ion: 76 Resp: 165397

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

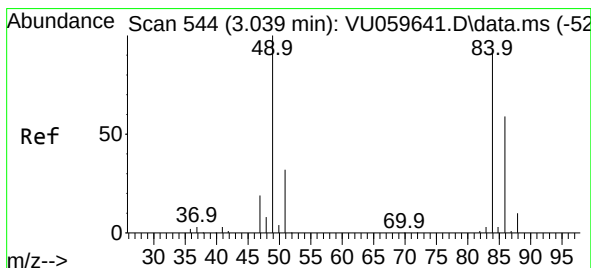
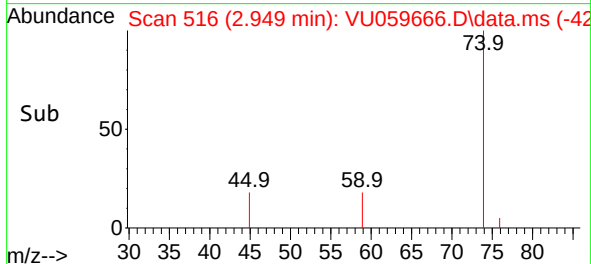
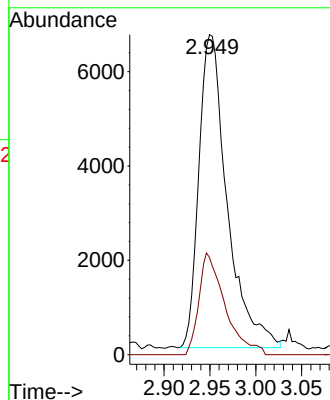
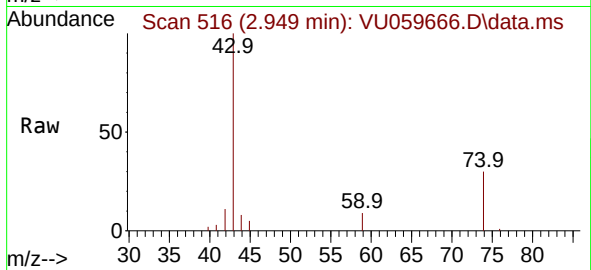




#15
Methyl Acetate
Concen: 3.701 ug/L
RT: 2.949 min Scan# 516
Delta R.T. 0.000 min
Lab File: VU059666.D
Acq: 29 Jun 2024 09:21

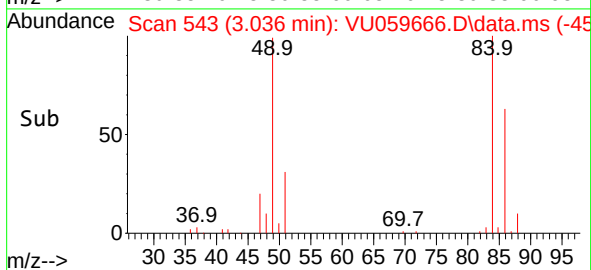
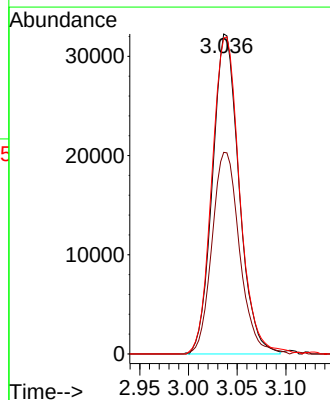
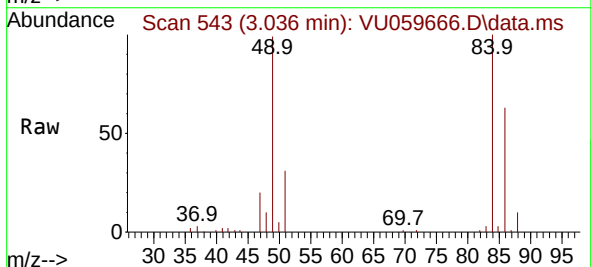
Instrument :
MSVOA_U
ClientSampleId :
GCL26MS

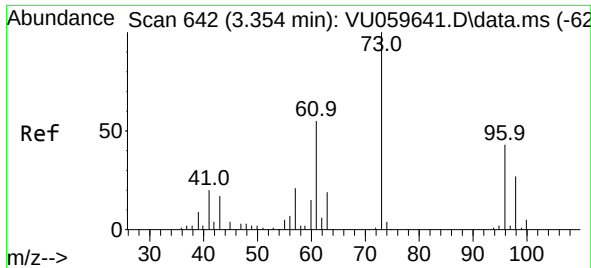
Tgt Ion: 43 Resp: 14224
Ion Ratio Lower Upper
43 100
74 29.8 19.2 28.8#



#16
Methylene chloride
Concen: 4.645 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU059666.D
Acq: 29 Jun 2024 09:21

Tgt Ion: 84 Resp: 61191
Ion Ratio Lower Upper
84 100
86 63.0 42.1 78.1
49 98.8 80.6 149.8

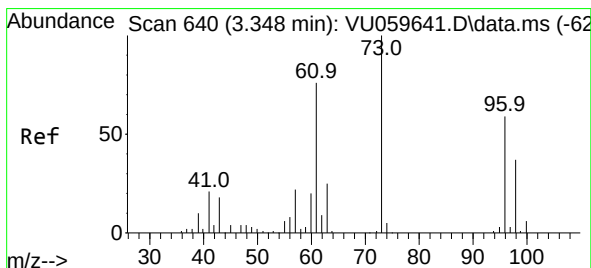
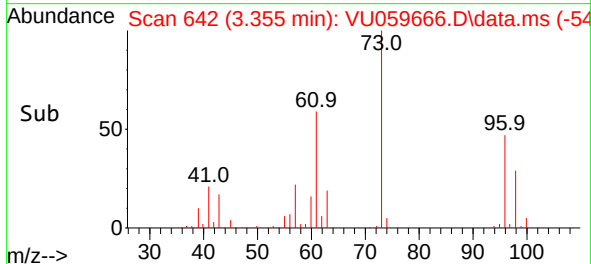
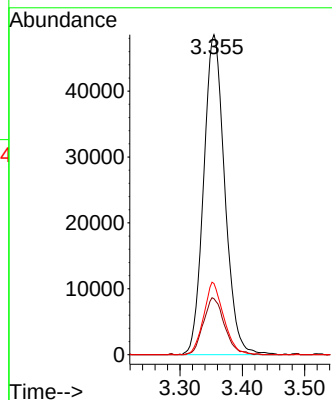
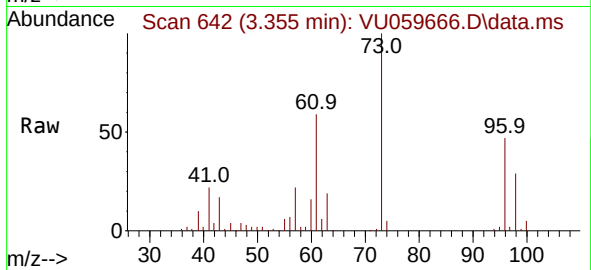




#17
Methyl tert-butyl Ether
Concen: 4.767 ug/L
RT: 3.355 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU059666.D
Acq: 29 Jun 2024 09:21

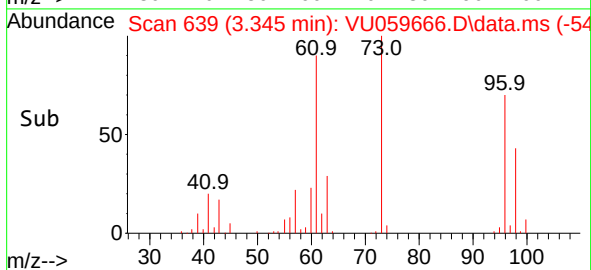
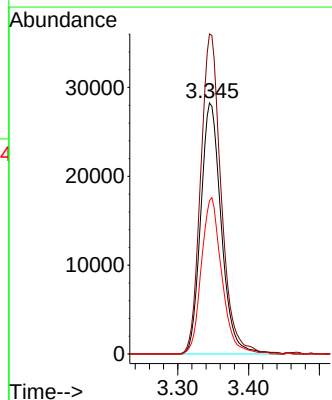
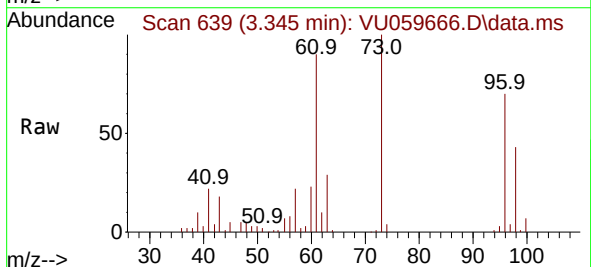
Instrument :
MSVOA_U
ClientSampleId :
GCL26MS

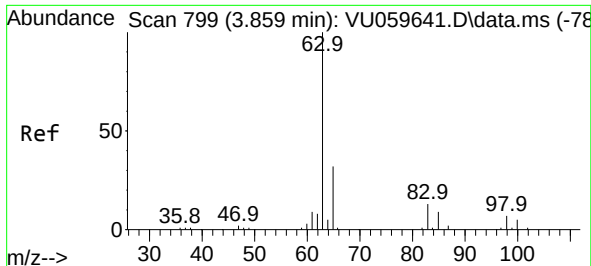
Tgt Ion: 73 Resp: 114192
Ion Ratio Lower Upper
73 100
43 17.8 14.9 22.3
57 21.5 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 4.913 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU059666.D
Acq: 29 Jun 2024 09:21

Tgt Ion: 96 Resp: 56803
Ion Ratio Lower Upper
96 100
61 127.5 101.8 189.0
98 61.1 43.3 80.5





#19

1,1-Dichloroethane

Concen: 4.837 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.000 min

Lab File: VU059666.D

Acq: 29 Jun 2024 09:21

Instrument :

MSVOA_U

ClientSampleId :

GCL26MS

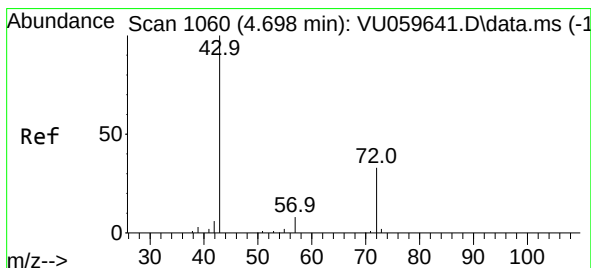
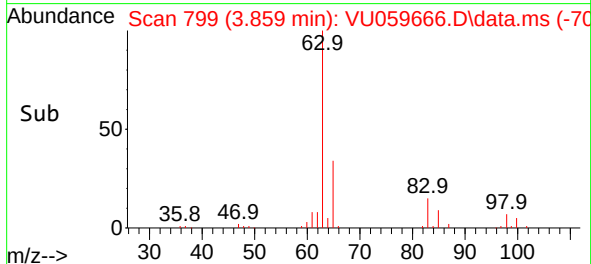
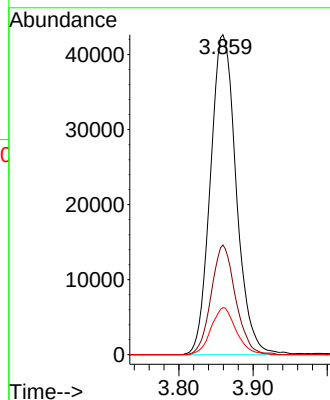
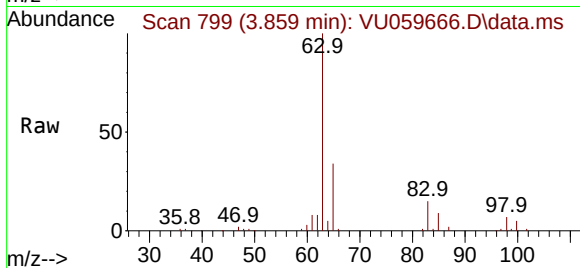
Tgt Ion: 63 Resp: 103111

Ion Ratio Lower Upper

63 100

65 34.3 21.8 40.6

83 14.7 9.9 18.5



#21

2-Butanone

Concen: 47.514 ug/L

RT: 4.699 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VU059666.D

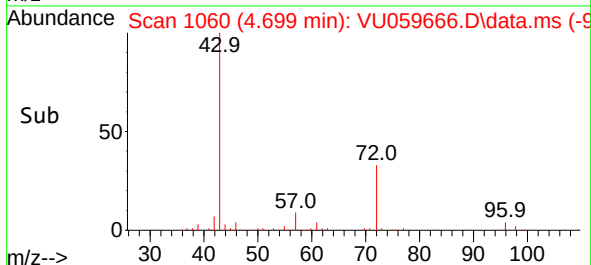
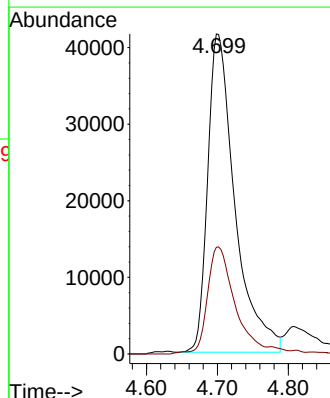
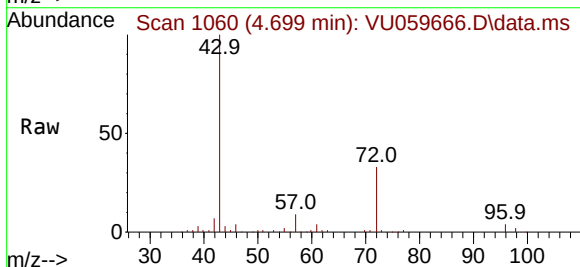
Acq: 29 Jun 2024 09:21

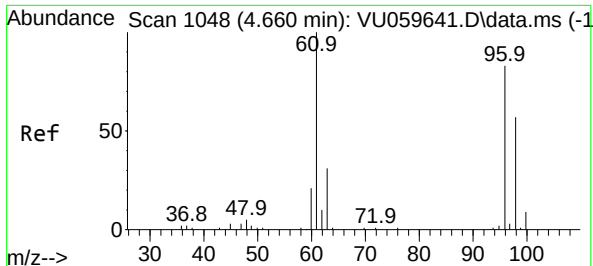
Tgt Ion: 43 Resp: 110987

Ion Ratio Lower Upper

43 100

72 33.5 13.8 41.4

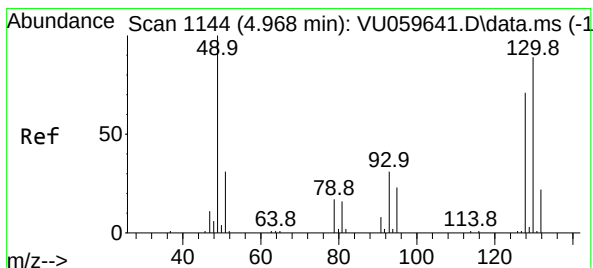
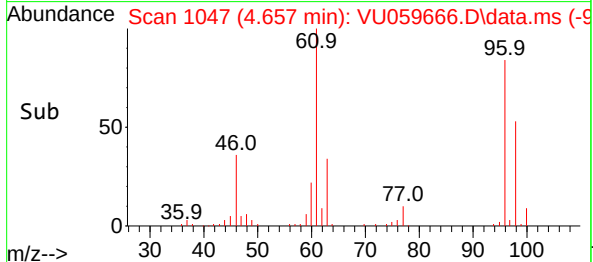
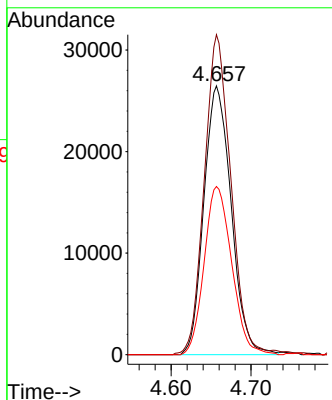
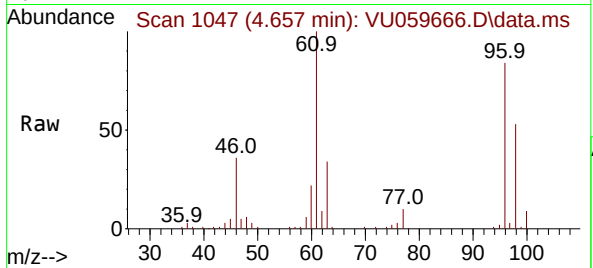




#22
cis-1,2-Dichloroethene
Concen: 4.942 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU059666.D
Acq: 29 Jun 2024 09:21

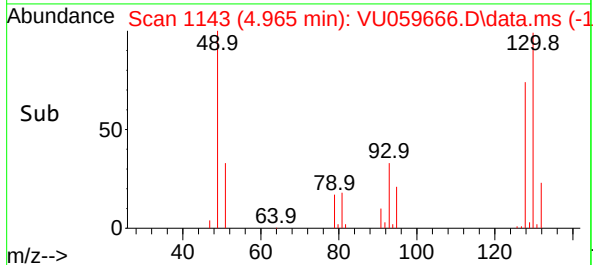
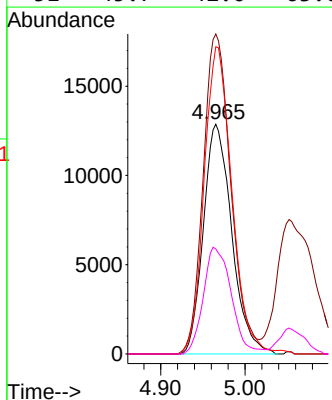
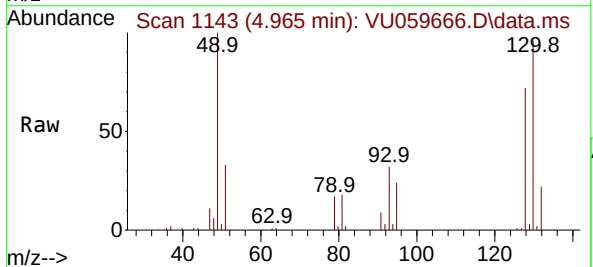
Instrument :
MSVOA_U
ClientSampleId :
GCL26MS

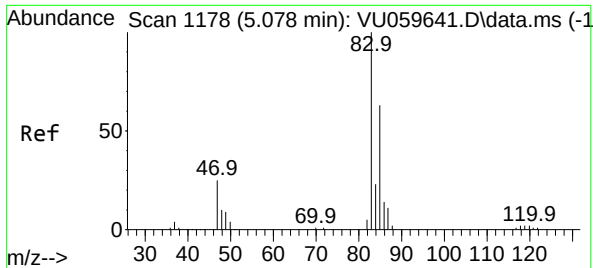
Tgt Ion: 96 Resp: 62971
Ion Ratio Lower Upper
96 100
61 119.1 87.4 162.2
98 62.6 42.3 78.5



#23
Bromochloromethane
Concen: 5.182 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VU059666.D
Acq: 29 Jun 2024 09:21

Tgt Ion:128 Resp: 30102
Ion Ratio Lower Upper
128 100
49 139.2 117.0 217.4
130 133.7 89.6 166.4
51 45.7 42.0 63.0





#25

Chloroform

Concen: 5.069 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU059666.D

Acq: 29 Jun 2024 09:21

Instrument :

MSVOA_U

ClientSampleId :

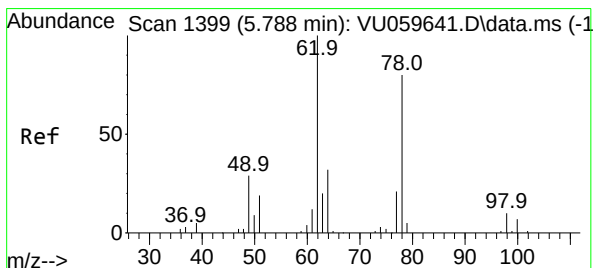
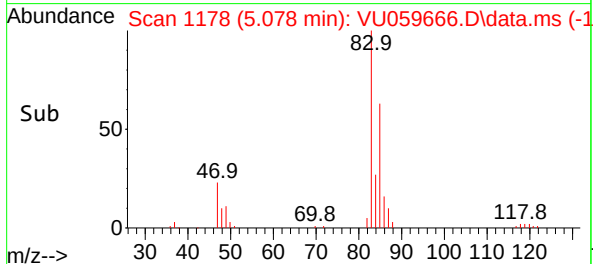
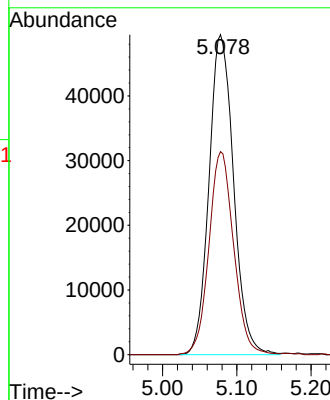
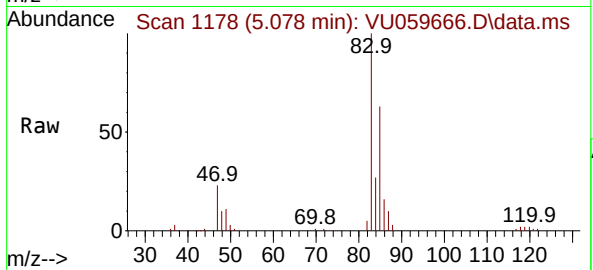
GCL26MS

Tgt Ion: 83 Resp: 113833

Ion Ratio Lower Upper

83 100

85 63.5 44.7 83.1



#27

1,2-Dichloroethane

Concen: 4.804 ug/L

RT: 5.789 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU059666.D

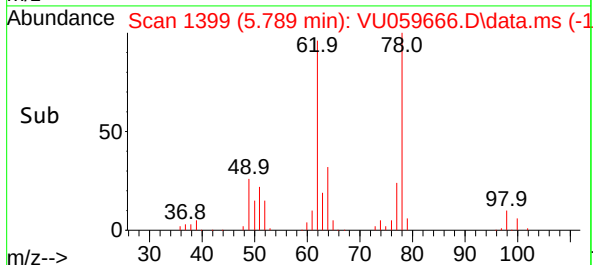
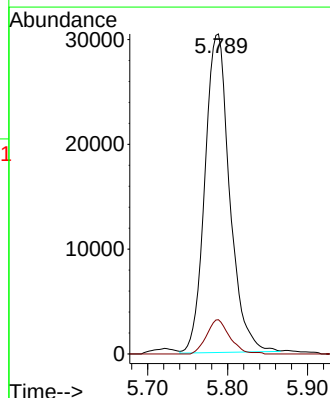
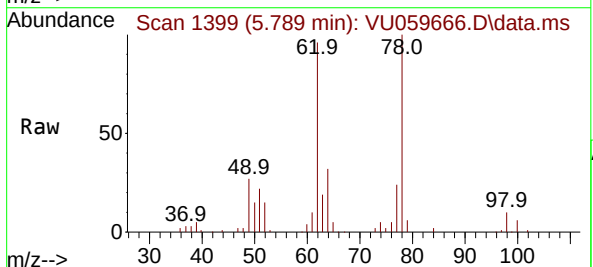
Acq: 29 Jun 2024 09:21

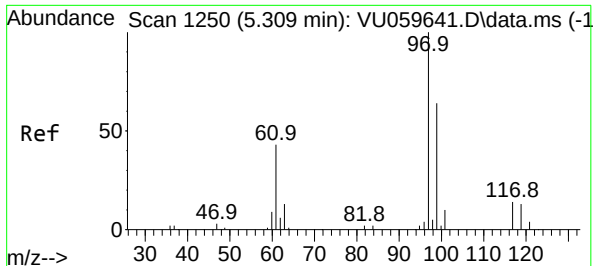
Tgt Ion: 62 Resp: 65374

Ion Ratio Lower Upper

62 100

98 10.7 7.5 11.3

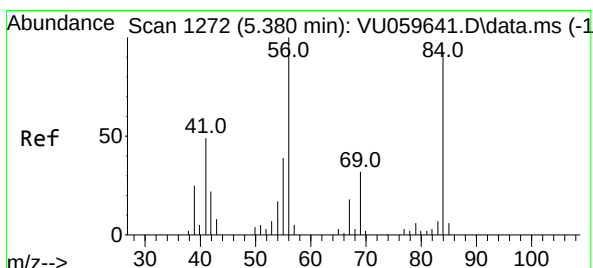
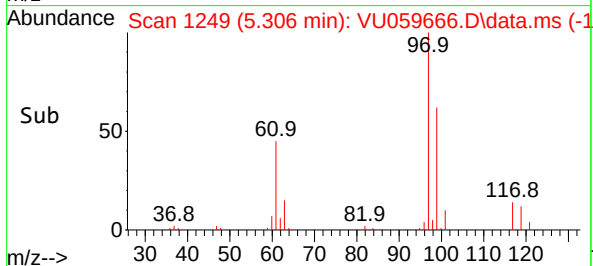
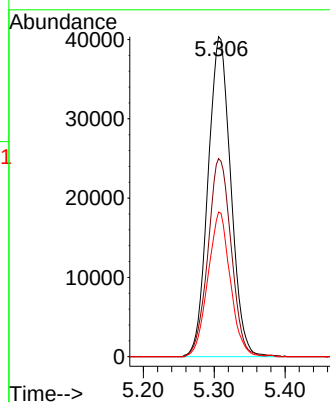
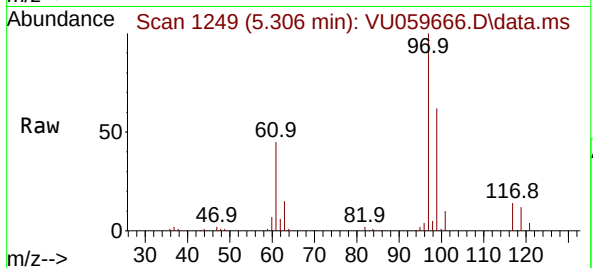




#29
1,1,1-Trichloroethane
Concen: 4.736 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU059666.D
Acq: 29 Jun 2024 09:21

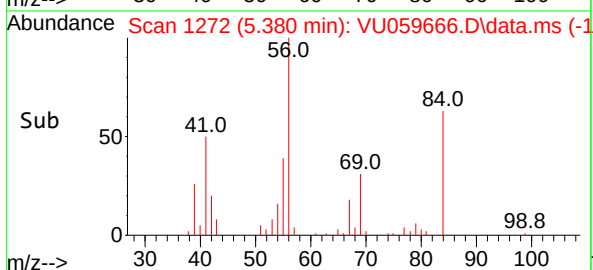
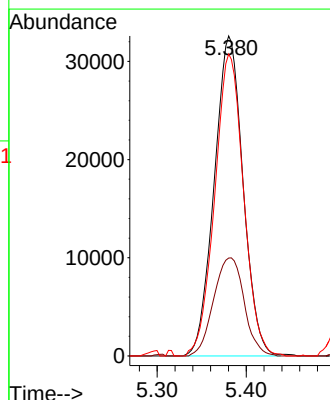
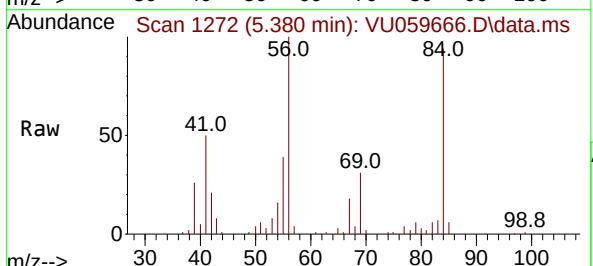
Instrument :
MSVOA_U
ClientSampleId :
GCL26MS

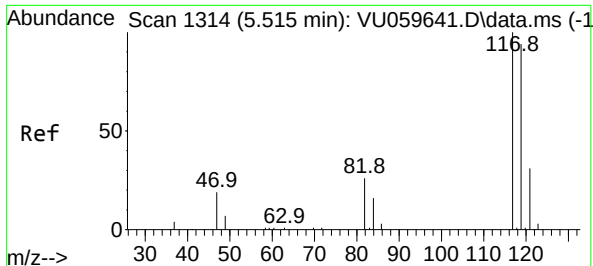
Tgt Ion: 97	Resp: 90009
Ion Ratio	Lower Upper
97 100	
99 63.2	51.8 77.6
61 44.4	37.4 56.2



#30
Cyclohexane
Concen: 4.355 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU059666.D
Acq: 29 Jun 2024 09:21

Tgt Ion: 56	Resp: 73072
Ion Ratio	Lower Upper
56 100	
69 32.5	24.8 37.2
84 94.4	69.8 104.8

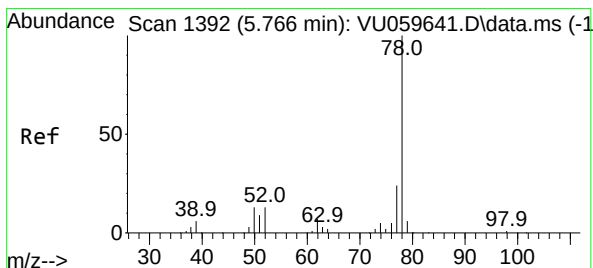
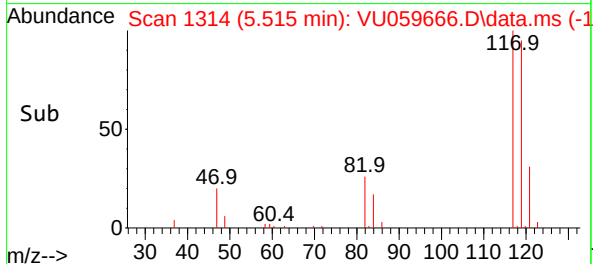
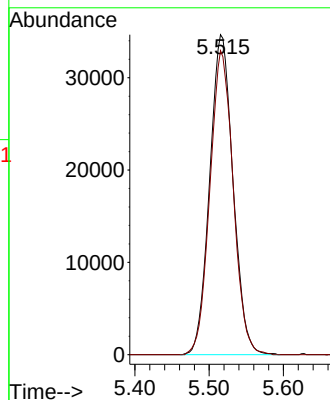
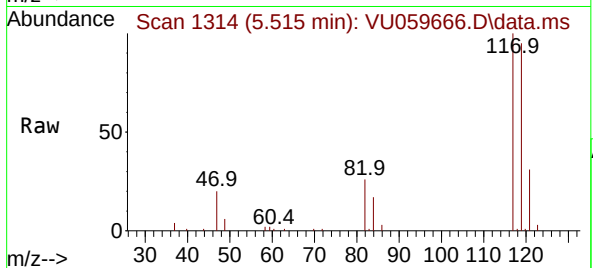




#31
Carbon tetrachloride
Concen: 4.750 ug/L
RT: 5.515 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU059666.D
Acq: 29 Jun 2024 09:21

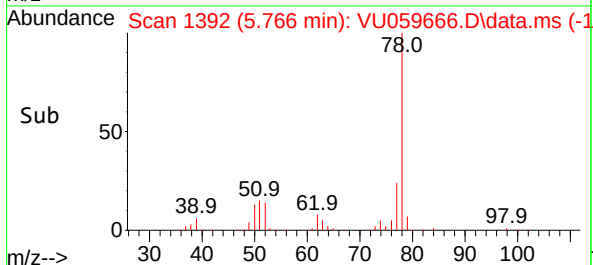
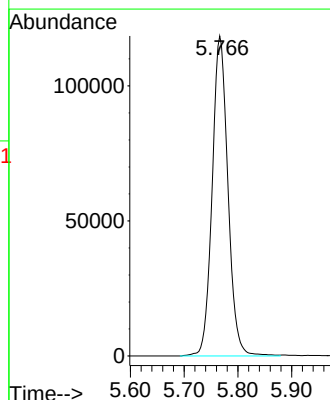
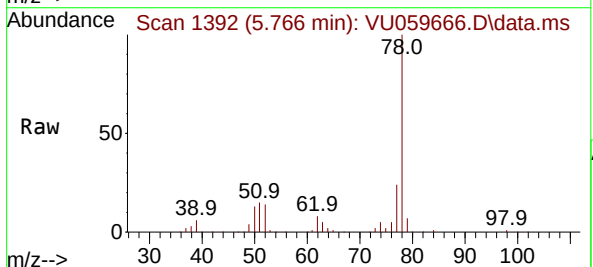
Instrument :
MSVOA_U
ClientSampleId :
GCL26MS

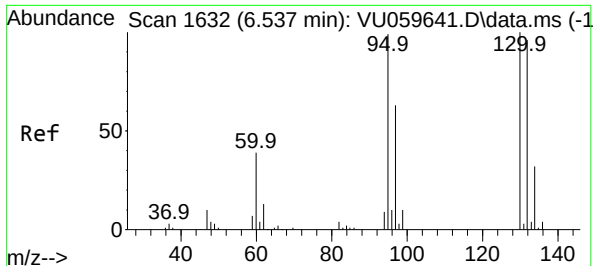
Tgt Ion:117 Resp: 75601
Ion Ratio Lower Upper
117 100
119 94.6 77.5 116.3



#33
Benzene
Concen: 4.835 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU059666.D
Acq: 29 Jun 2024 09:21

Tgt Ion: 78 Resp: 241674

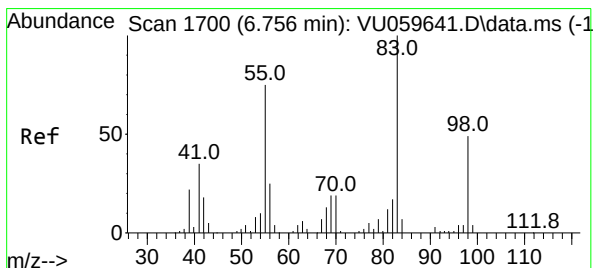
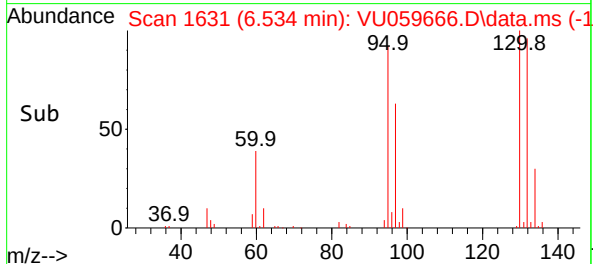
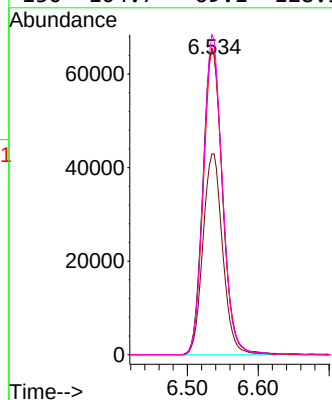
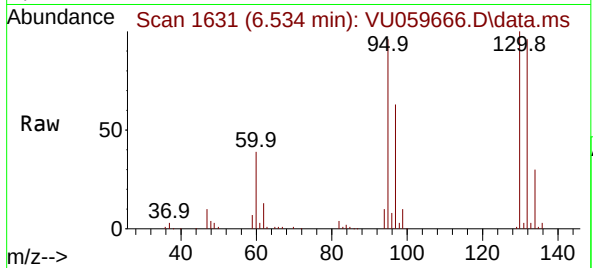




#34
Trichloroethene
Concen: 9.352 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU059666.D
Acq: 29 Jun 2024 09:21

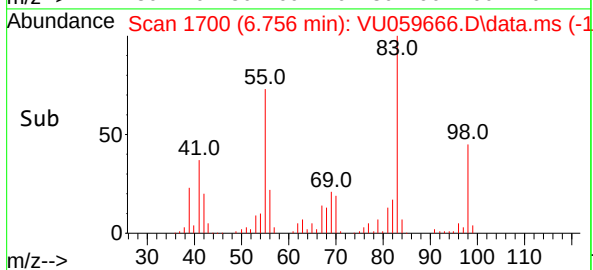
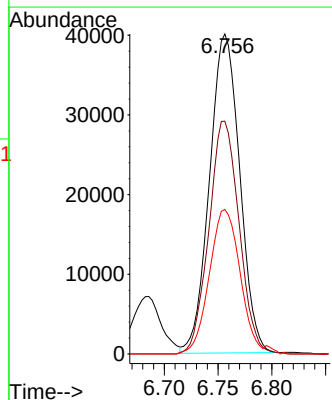
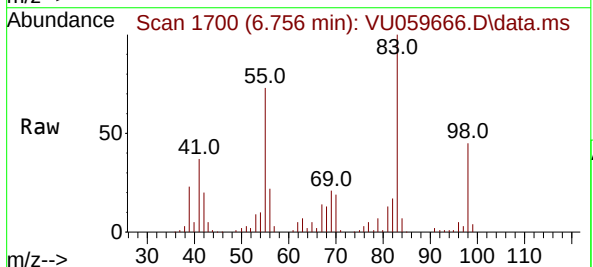
Instrument :
MSVOA_U
ClientSampleId :
GCL26MS

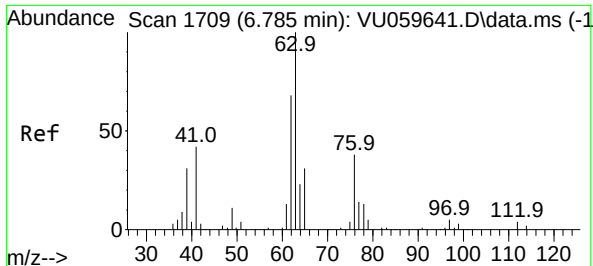
Tgt Ion: 95 Resp: 126591
Ion Ratio Lower Upper
95 100
97 65.7 45.3 84.1
132 100.3 64.0 119.0
130 104.7 69.1 128.3



#35
Methylcyclohexane
Concen: 4.065 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU059666.D
Acq: 29 Jun 2024 09:21

Tgt Ion: 83 Resp: 78291
Ion Ratio Lower Upper
83 100
55 73.1 62.7 94.1
98 45.9 35.4 53.0





#37

1,2-Dichloropropane

Concen: 4.760 ug/L

RT: 6.782 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU059666.D

Acq: 29 Jun 2024 09:21

Instrument :

MSVOA_U

ClientSampleId :

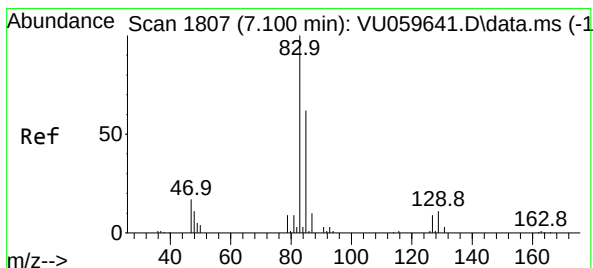
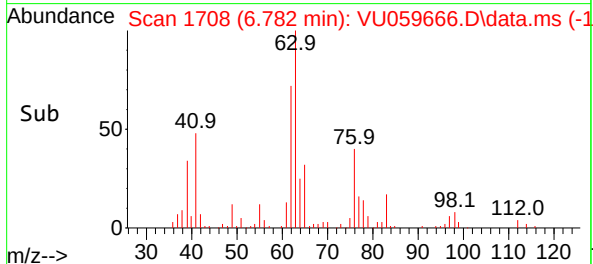
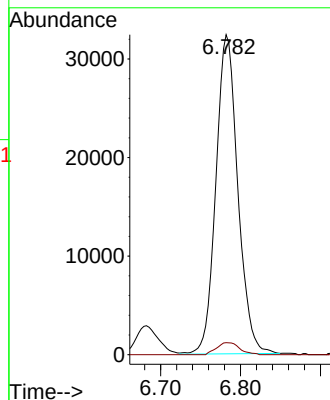
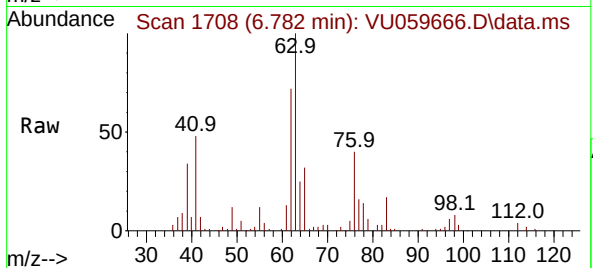
GCL26MS

Tgt Ion: 63 Resp: 61564

Ion Ratio Lower Upper

63 100

112 4.0 2.6 3.8#



#38

Bromodichloromethane

Concen: 4.904 ug/L

RT: 7.097 min Scan# 1806

Delta R.T. -0.003 min

Lab File: VU059666.D

Acq: 29 Jun 2024 09:21

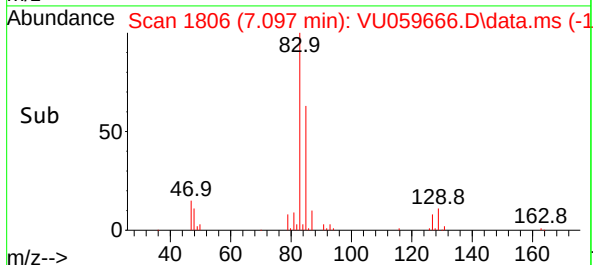
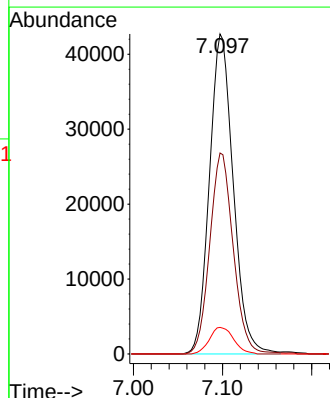
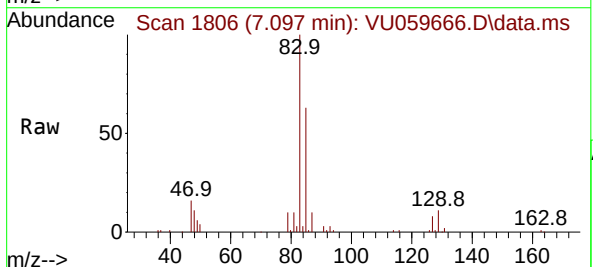
Tgt Ion: 83 Resp: 79177

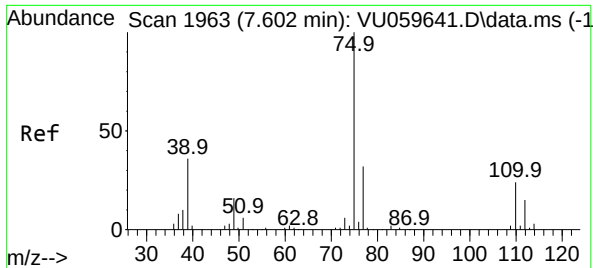
Ion Ratio Lower Upper

83 100

85 62.8 42.7 79.3

127 8.3 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 4.330 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU059666.D

Acq: 29 Jun 2024 09:21

Instrument :

MSVOA_U

ClientSampleId :

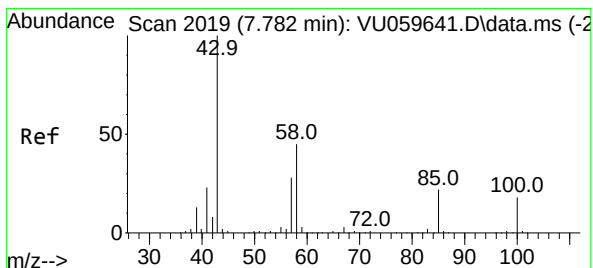
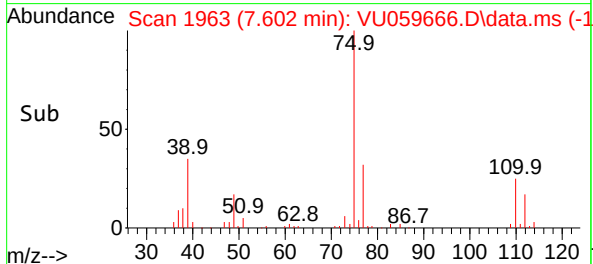
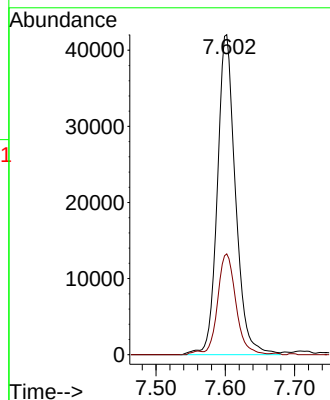
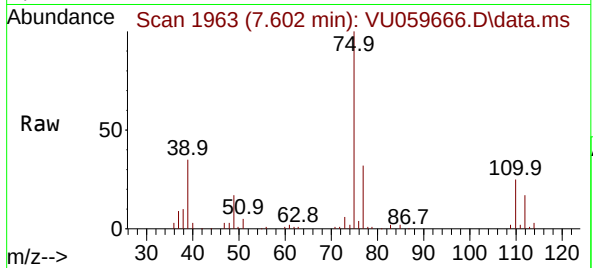
GCL26MS

Tgt Ion: 75 Resp: 76601

Ion Ratio Lower Upper

75 100

77 31.5 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 47.903 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VU059666.D

Acq: 29 Jun 2024 09:21

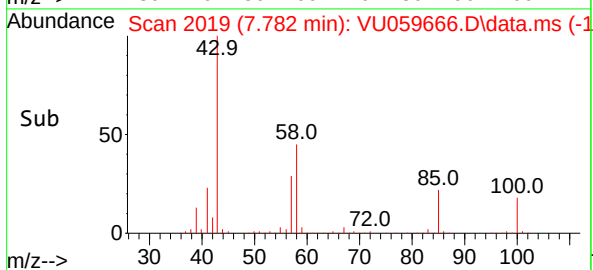
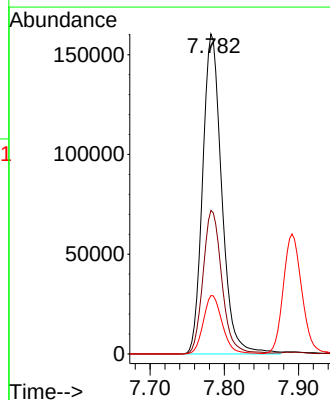
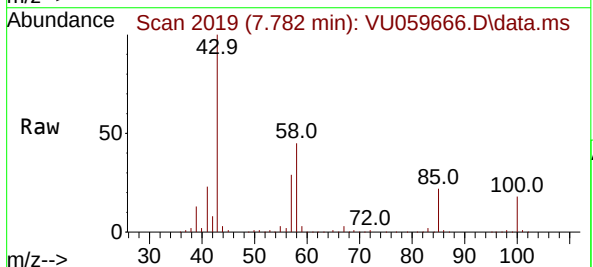
Tgt Ion: 43 Resp: 287112

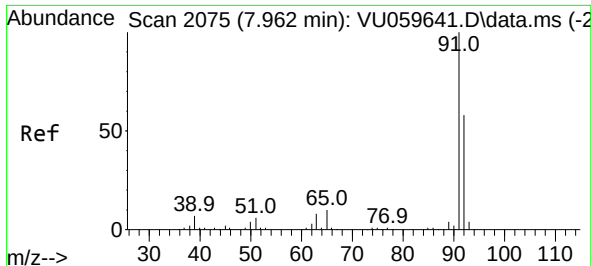
Ion Ratio Lower Upper

43 100

58 44.4 34.0 51.0

100 18.2 12.1 18.1#

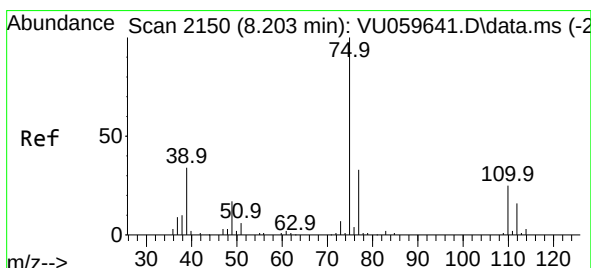
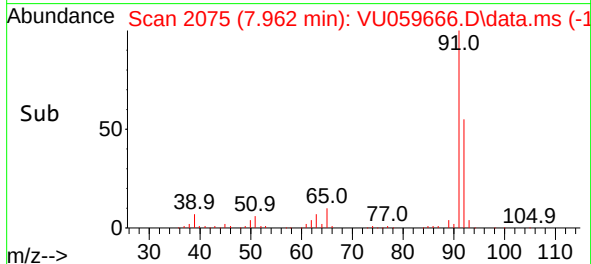
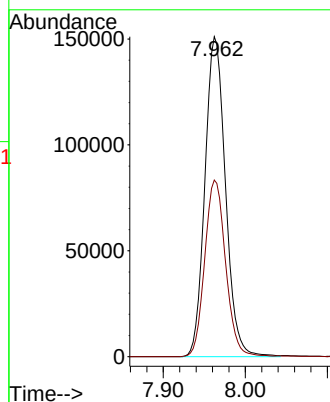
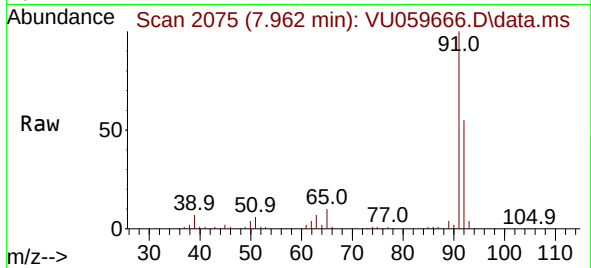




#42
Toluene
Concen: 4.984 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VU059666.D
Acq: 29 Jun 2024 09:21

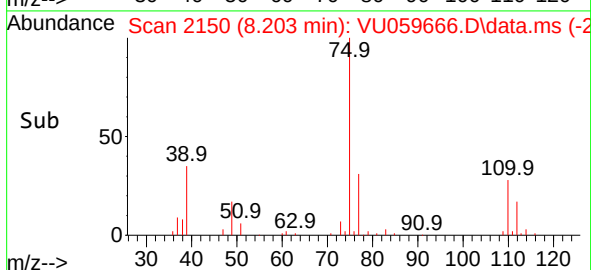
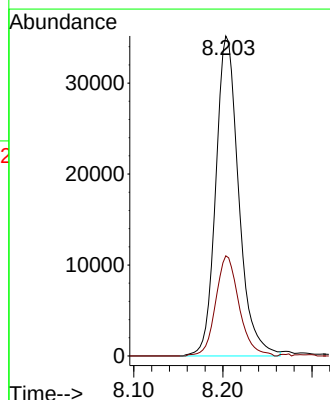
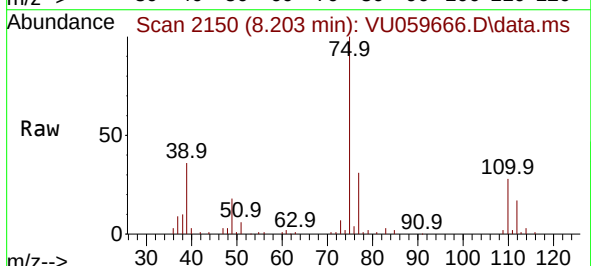
Instrument :
MSVOA_U
ClientSampleId :
GCL26MS

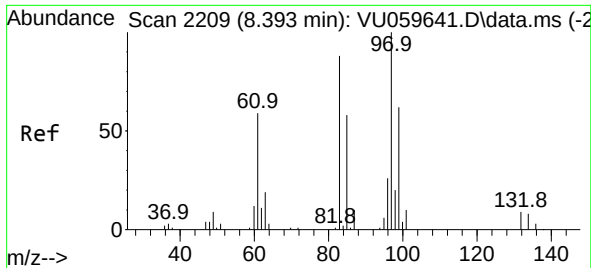
Tgt Ion: 91 Resp: 263764
Ion Ratio Lower Upper
91 100
92 55.2 39.7 73.7



#44
trans-1,3-Dichloropropene
Concen: 4.434 ug/L
RT: 8.203 min Scan# 2150
Delta R.T. 0.000 min
Lab File: VU059666.D
Acq: 29 Jun 2024 09:21

Tgt Ion: 75 Resp: 62954
Ion Ratio Lower Upper
75 100
77 31.3 22.0 41.0

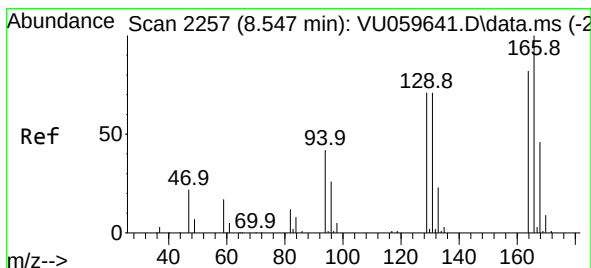
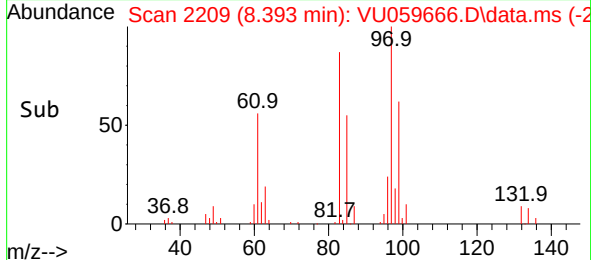
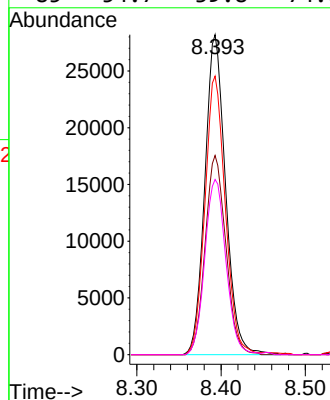
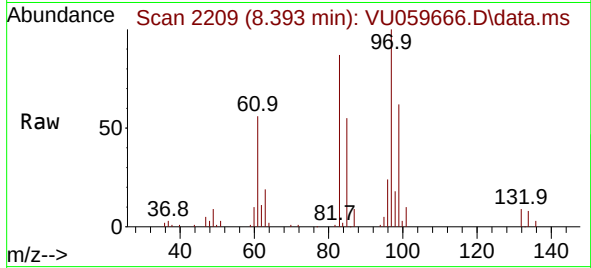




#45
1,1,2-Trichloroethane
Concen: 5.063 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU059666.D
Acq: 29 Jun 2024 09:21

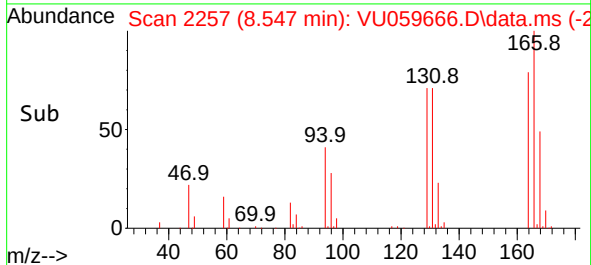
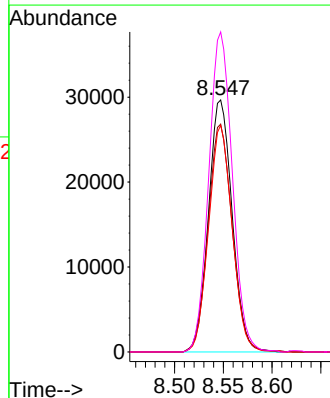
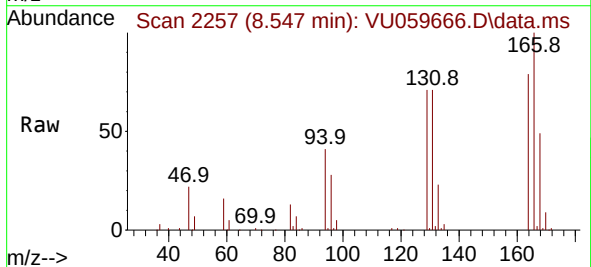
Instrument :
MSVOA_U
ClientSampleId :
GCL26MS

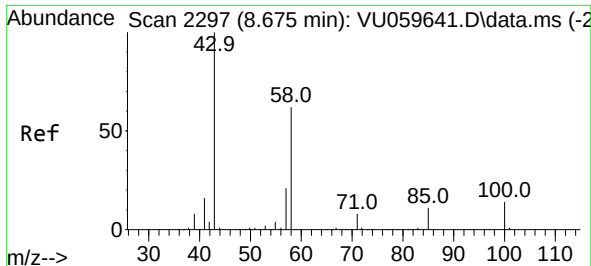
Tgt Ion:	97	Resp:	48258
Ion	Ratio	Lower	Upper
97	100		
99	62.2	43.3	80.3
83	87.1	62.3	115.7
85	54.7	39.8	74.0



#47
Tetrachloroethene
Concen: 4.801 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU059666.D
Acq: 29 Jun 2024 09:21

Tgt Ion:	164	Resp:	50427
Ion	Ratio	Lower	Upper
164	100		
129	90.4	70.8	131.4
131	90.0	64.8	120.3
166	127.0	91.1	169.1

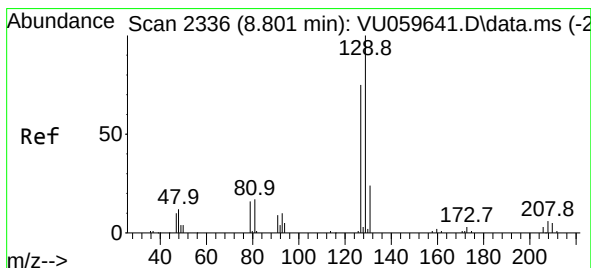
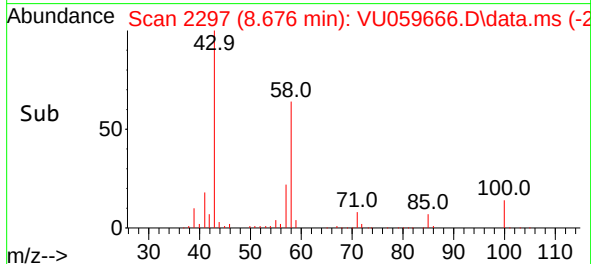
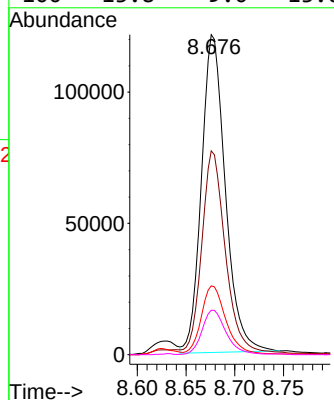
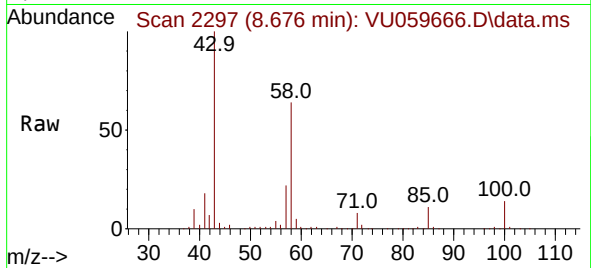




#48
2-Hexanone
Concen: 48.382 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VU059666.D
Acq: 29 Jun 2024 09:21

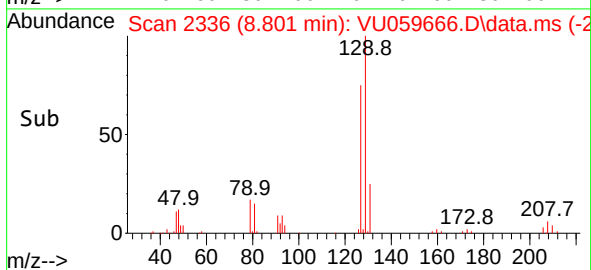
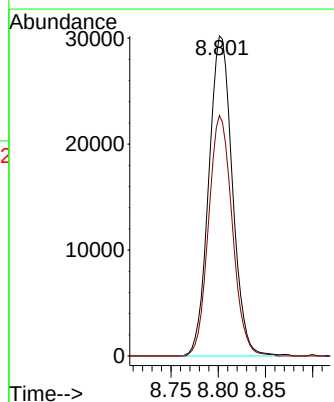
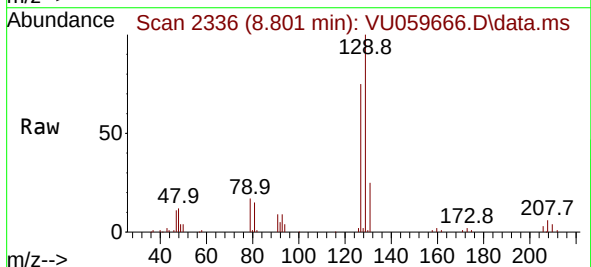
Instrument :
MSVOA_U
ClientSampleId :
GCL26MS

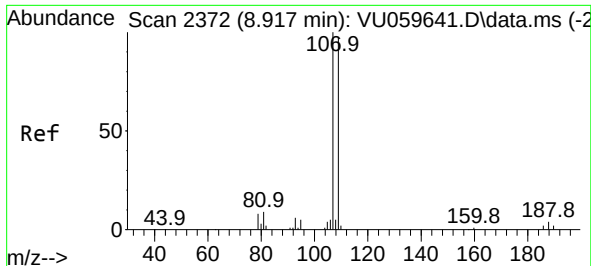
Tgt Ion: 43 Resp: 206956
Ion Ratio Lower Upper
43 100
58 63.4 46.1 69.1
57 22.2 15.5 23.3
100 13.8 9.0 13.6#



#49
Dibromochloromethane
Concen: 4.966 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU059666.D
Acq: 29 Jun 2024 09:21

Tgt Ion: 129 Resp: 52438
Ion Ratio Lower Upper
129 100
127 75.1 52.5 97.5

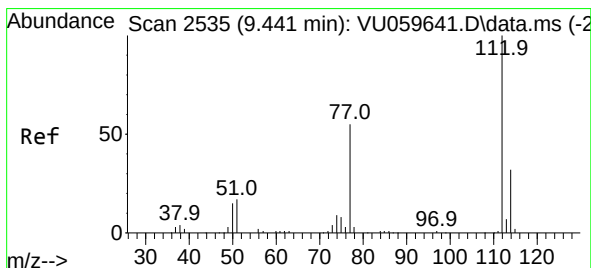
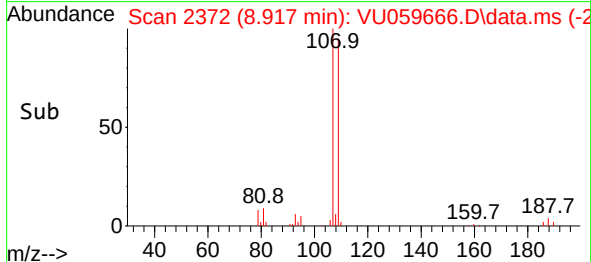
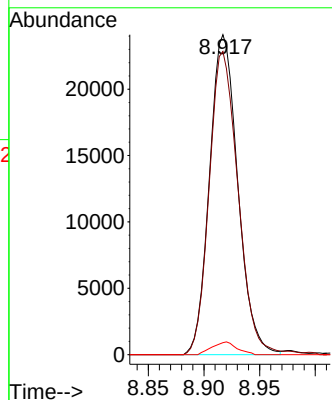
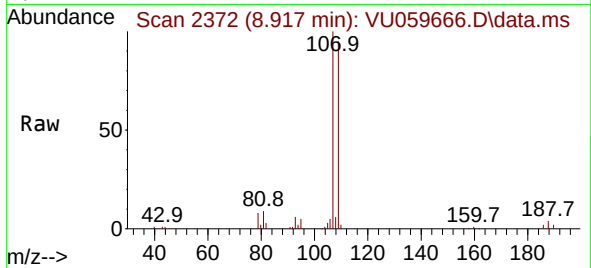




#50
1,2-Dibromoethane
Concen: 4.841 ug/L
RT: 8.917 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU059666.D
Acq: 29 Jun 2024 09:21

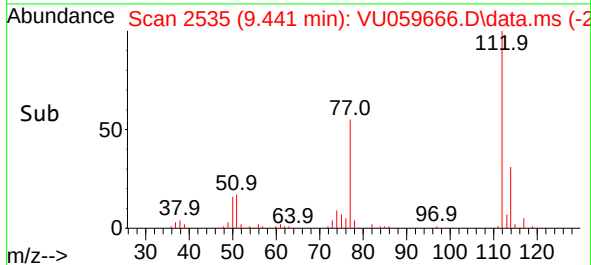
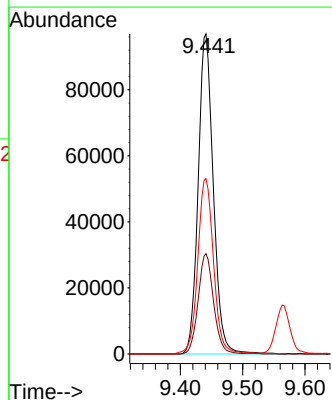
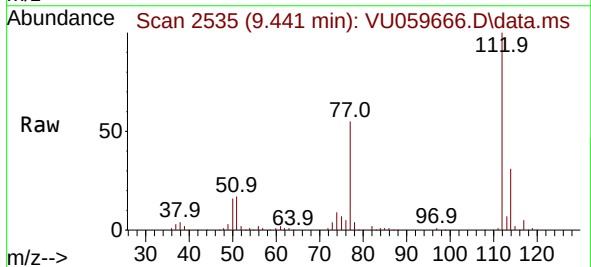
Instrument :
MSVOA_U
ClientSampleId :
GCL26MS

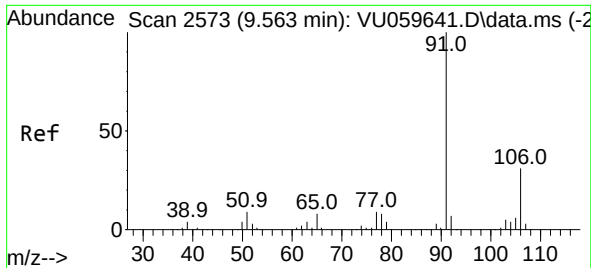
Tgt Ion:107 Resp: 42611
Ion Ratio Lower Upper
107 100
109 94.8 66.9 124.3
188 3.7 2.7 4.1



#51
Chlorobenzene
Concen: 4.877 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU059666.D
Acq: 29 Jun 2024 09:21

Tgt Ion:112 Resp: 163695
Ion Ratio Lower Upper
112 100
114 31.4 22.4 41.6
77 54.8 49.1 73.7

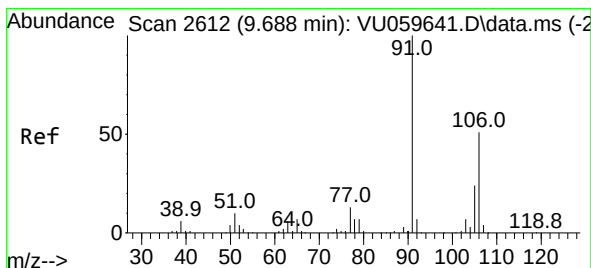
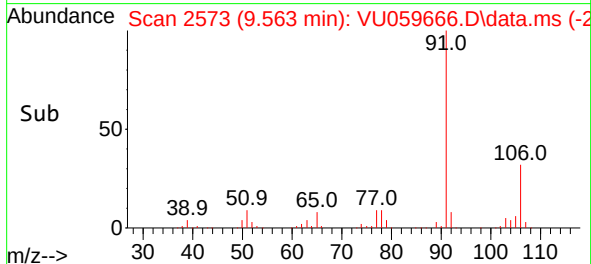
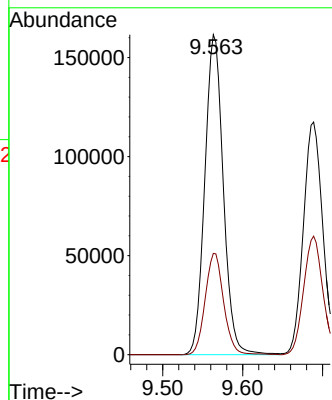
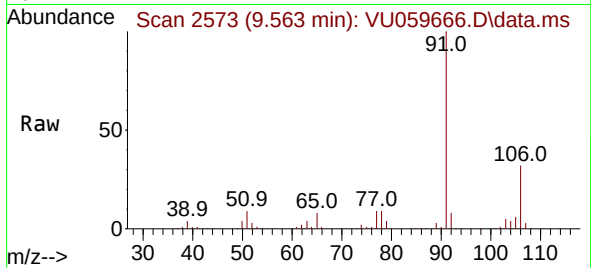




#52
Ethylbenzene
Concen: 4.792 ug/L
RT: 9.563 min Scan# 2117
Delta R.T. 0.000 min
Lab File: VU059666.D
Acq: 29 Jun 2024 09:21

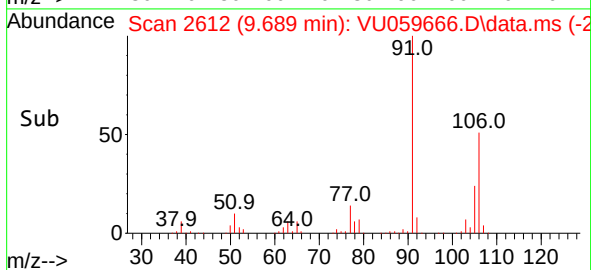
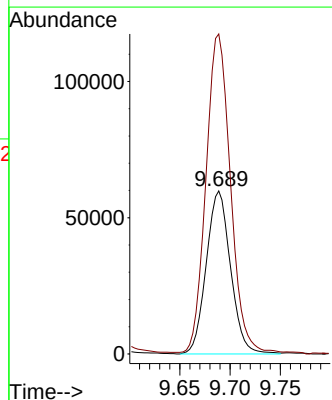
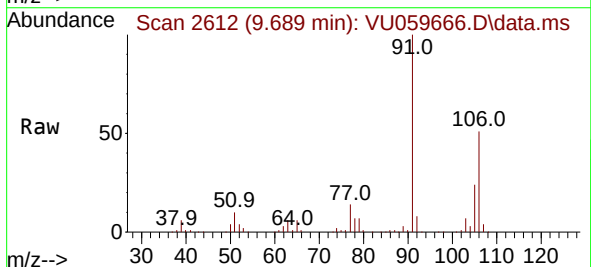
Instrument :
MSVOA_U
ClientSampleId :
GCL26MS

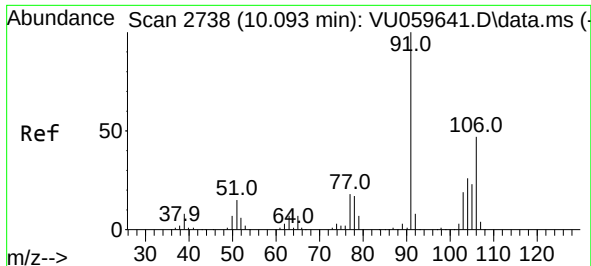
Tgt Ion: 91 Resp: 260117
Ion Ratio Lower Upper
91 100
106 31.6 20.9 38.7



#53
m,p-Xylene
Concen: 4.827 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU059666.D
Acq: 29 Jun 2024 09:21

Tgt Ion:106 Resp: 100633
Ion Ratio Lower Upper
106 100
91 196.2 142.0 263.8

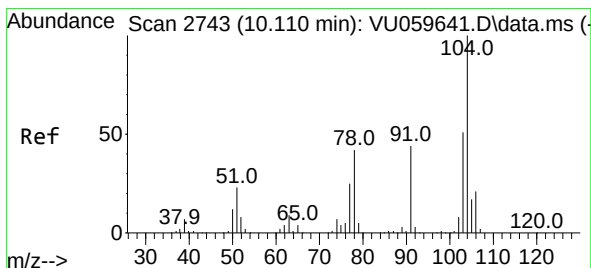
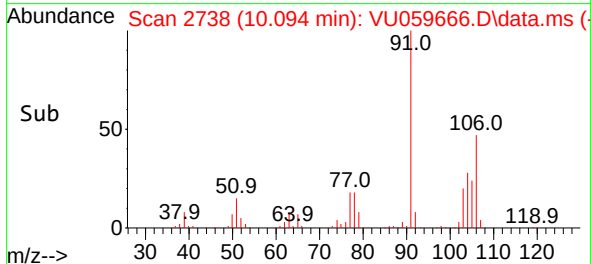
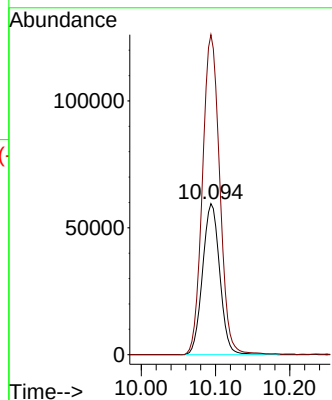
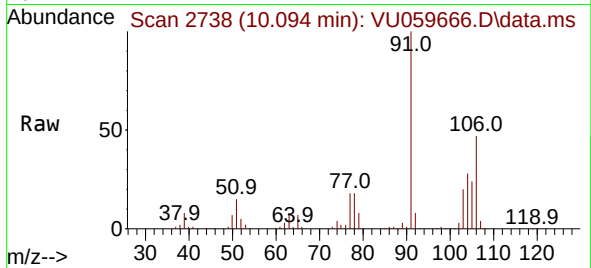




#54
o-Xylene
Concen: 4.837 ug/L
RT: 10.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU059666.D
Acq: 29 Jun 2024 09:21

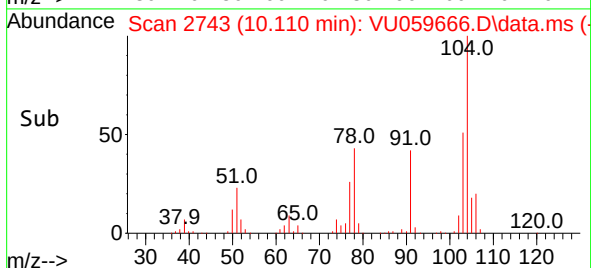
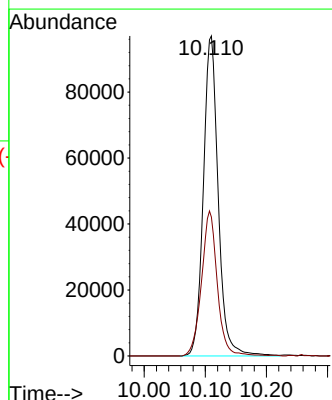
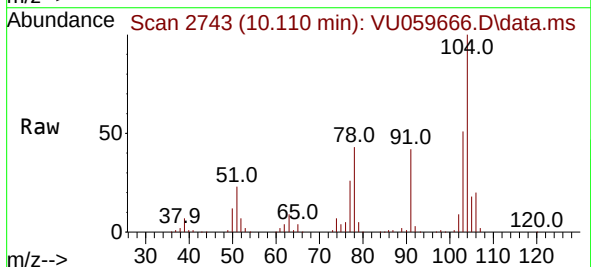
Instrument :
MSVOA_U
ClientSampleId :
GCL26MS

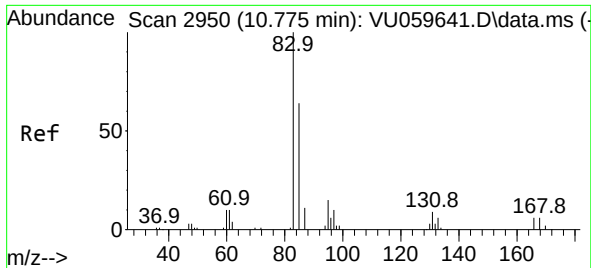
Tgt Ion:106 Resp: 95712
Ion Ratio Lower Upper
106 100
91 211.9 151.6 281.6



#55
Styrene
Concen: 4.863 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU059666.D
Acq: 29 Jun 2024 09:21

Tgt Ion:104 Resp: 163784
Ion Ratio Lower Upper
104 100
78 43.4 32.3 60.1

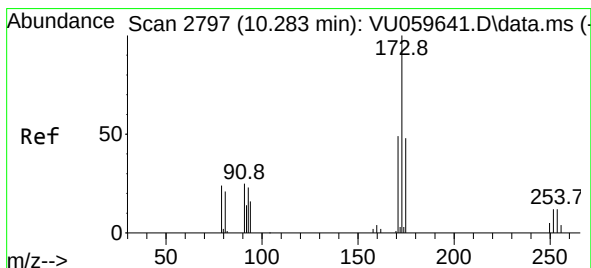
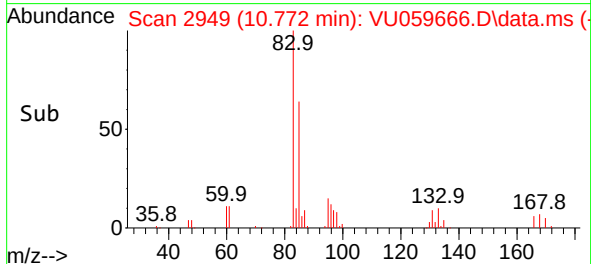
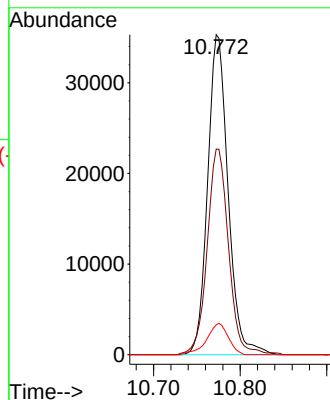
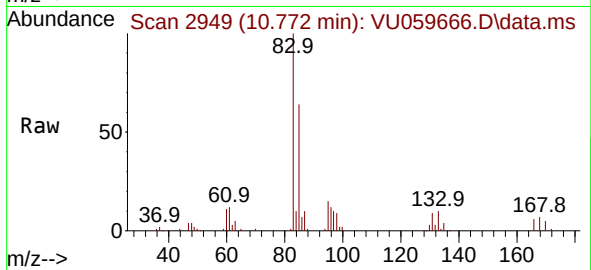




#57
1,1,2,2-Tetrachloroethane
Concen: 5.008 ug/L
RT: 10.772 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU059666.D
Acq: 29 Jun 2024 09:21

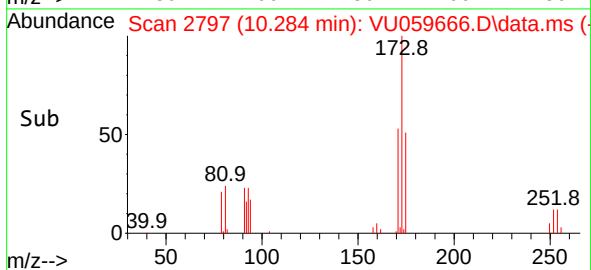
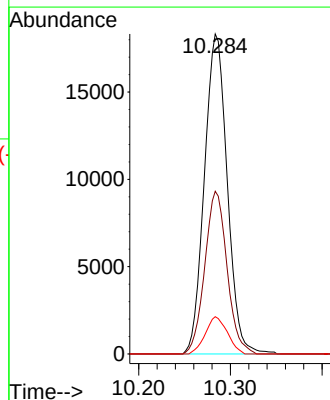
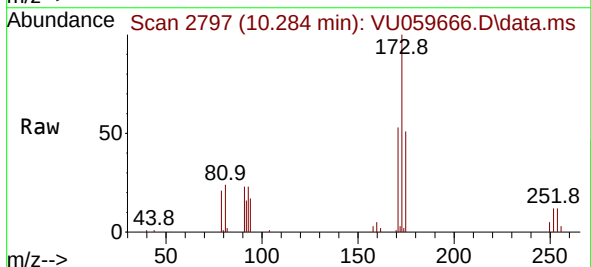
Instrument :
MSVOA_U
ClientSampleId :
GCL26MS

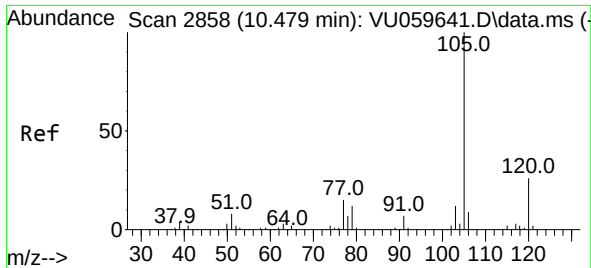
Tgt Ion: 83 Resp: 57905
Ion Ratio Lower Upper
83 100
85 64.3 44.7 82.9
131 9.4 6.9 10.3



#59
Bromoform
Concen: 4.804 ug/L
RT: 10.284 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU059666.D
Acq: 29 Jun 2024 09:21

Tgt Ion:173 Resp: 31751
Ion Ratio Lower Upper
173 100
175 49.6 39.4 59.2
254 11.2 7.4 11.2#

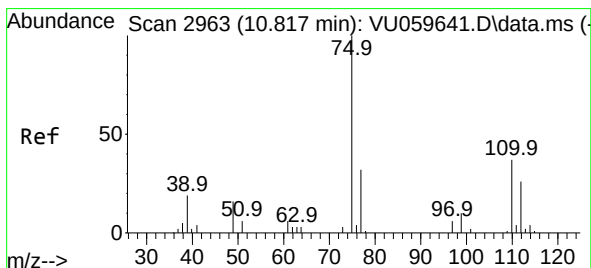
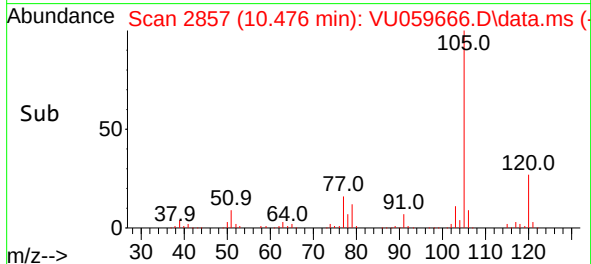
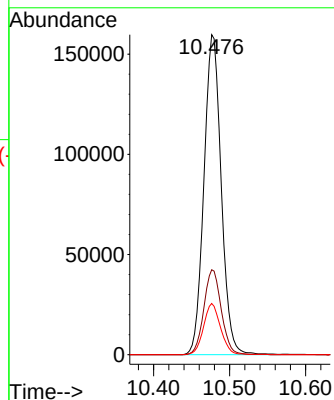
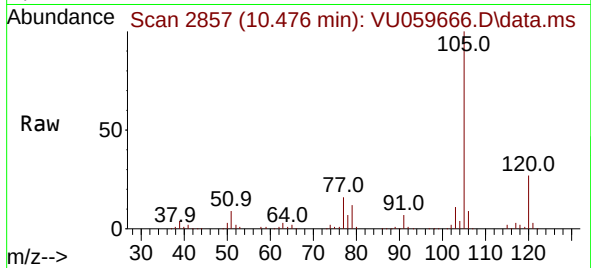




#60
Isopropylbenzene
Concen: 4.723 ug/L
RT: 10.476 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU059666.D
Acq: 29 Jun 2024 09:21

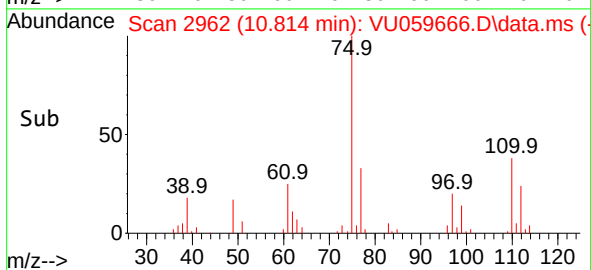
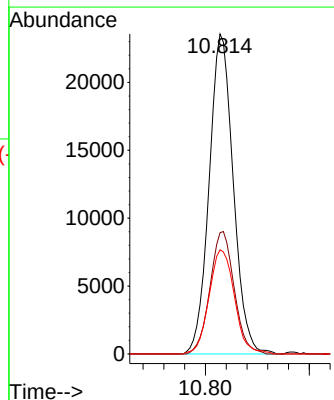
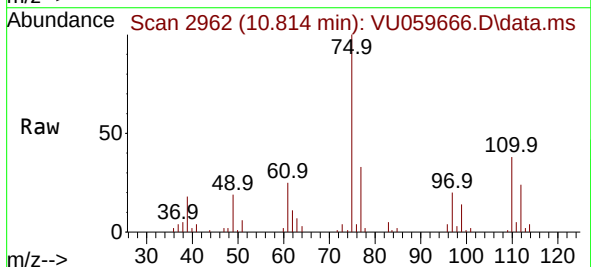
Instrument :
MSVOA_U
ClientSampleId :
GCL26MS

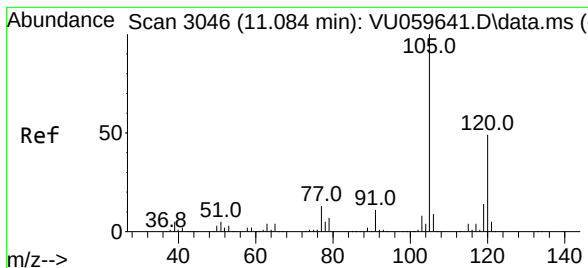
Tgt Ion:105 Resp: 251970
Ion Ratio Lower Upper
105 100
120 26.8 20.6 31.0
77 15.8 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 4.757 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.003 min
Lab File: VU059666.D
Acq: 29 Jun 2024 09:21

Tgt Ion: 75 Resp: 37967
Ion Ratio Lower Upper
75 100
110 38.4 27.1 40.7
77 34.3 25.4 38.2

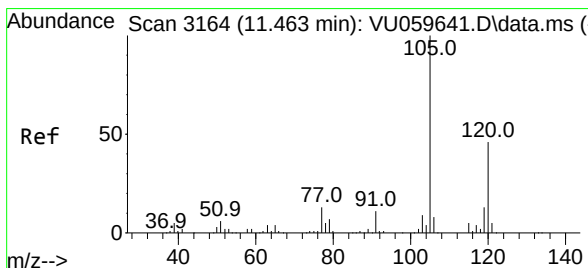
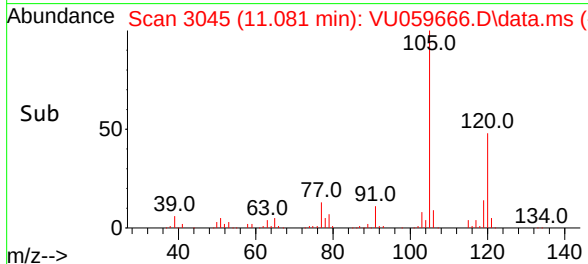
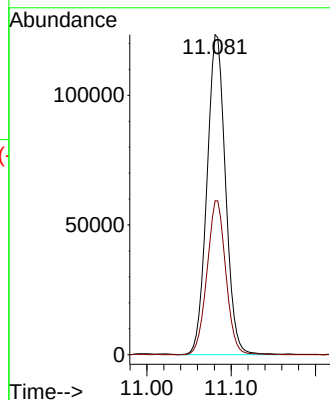
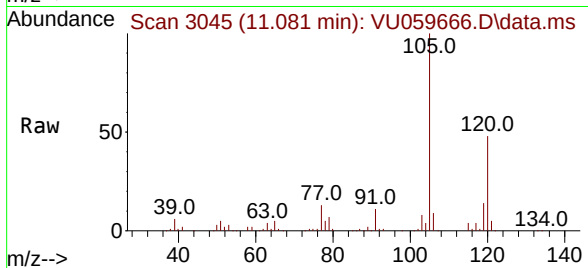




#62
1,3,5-Trimethylbenzene
Concen: 4.477 ug/L
RT: 11.081 min Scan# 3046
Delta R.T. -0.003 min
Lab File: VU059666.D
Acq: 29 Jun 2024 09:21

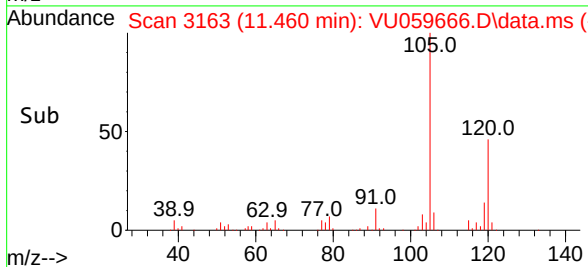
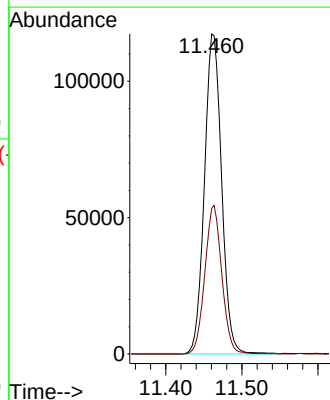
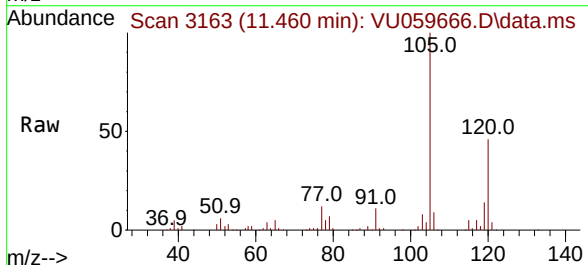
Instrument :
MSVOA_U
ClientSampleId :
GCL26MS

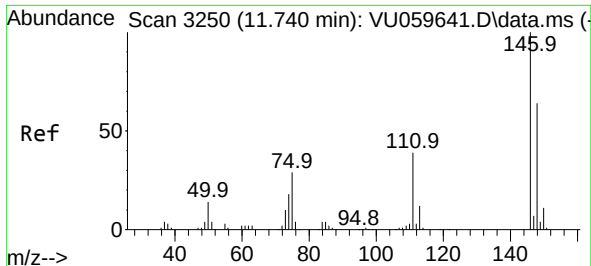
Tgt Ion:105 Resp: 189236
Ion Ratio Lower Upper
105 100
120 48.7 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 4.562 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.003 min
Lab File: VU059666.D
Acq: 29 Jun 2024 09:21

Tgt Ion:105 Resp: 184343
Ion Ratio Lower Upper
105 100
120 45.8 35.4 53.0

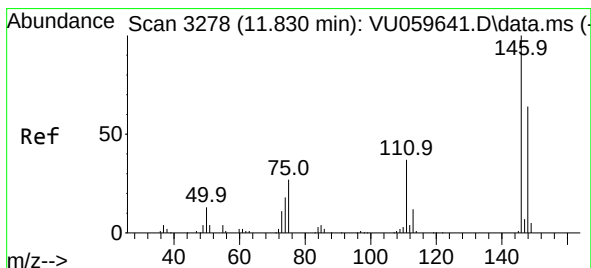
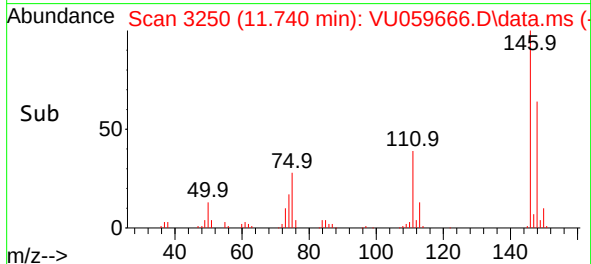
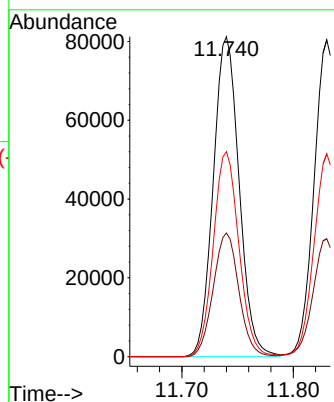
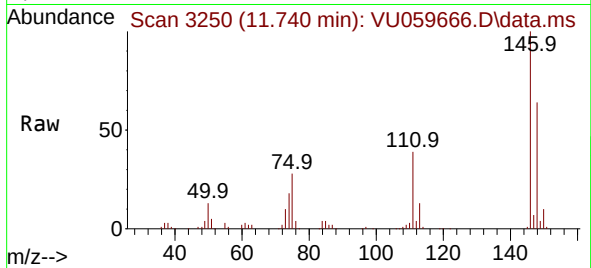




#64
1,3-Dichlorobenzene
Concen: 4.828 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU059666.D
Acq: 29 Jun 2024 09:21

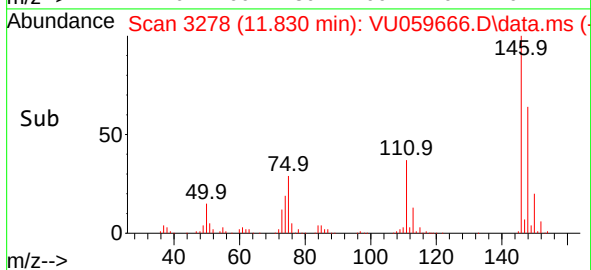
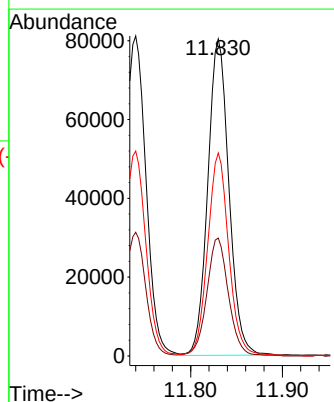
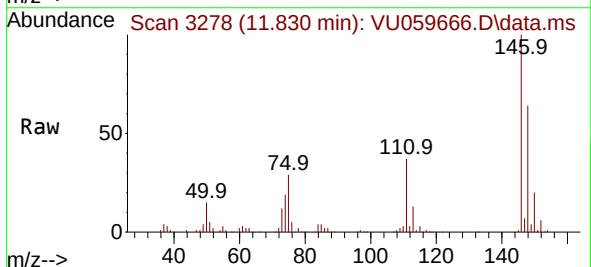
Instrument :
MSVOA_U
ClientSampleId :
GCL26MS

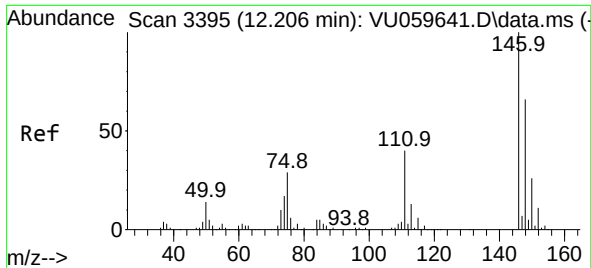
Tgt Ion:146 Resp: 130999
Ion Ratio Lower Upper
146 100
111 38.7 27.4 51.0
148 64.0 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 4.611 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU059666.D
Acq: 29 Jun 2024 09:21

Tgt Ion:146 Resp: 128800
Ion Ratio Lower Upper
146 100
111 37.2 26.9 50.1
148 64.0 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 4.814 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU059666.D

Acq: 29 Jun 2024 09:21

Instrument :

MSVOA_U

ClientSampleId :

GCL26MS

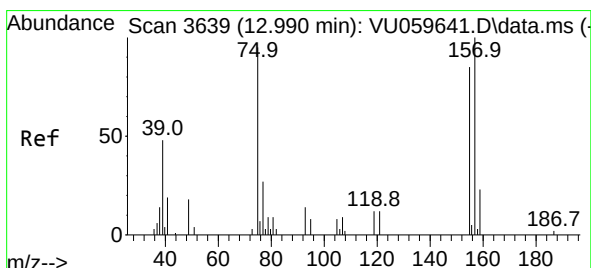
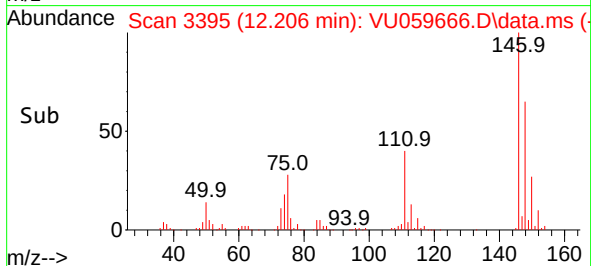
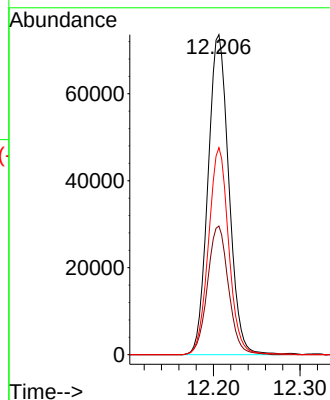
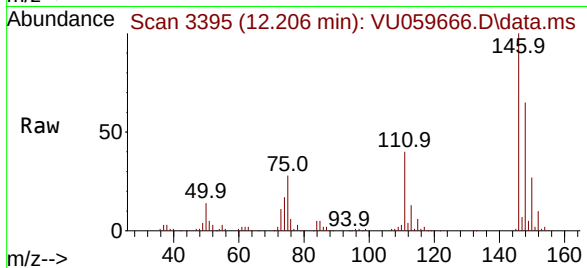
Tgt Ion:146 Resp: 122928

Ion Ratio Lower Upper

146 100

111 40.2 33.4 50.0

148 64.7 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.012 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU059666.D

Acq: 29 Jun 2024 09:21

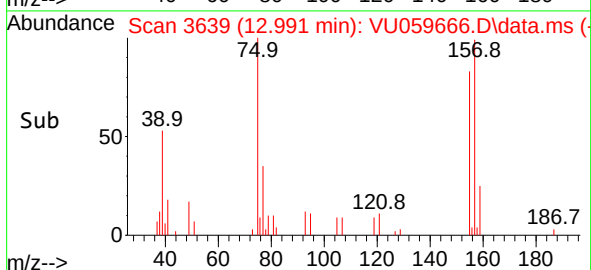
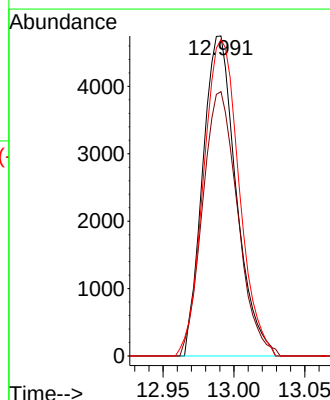
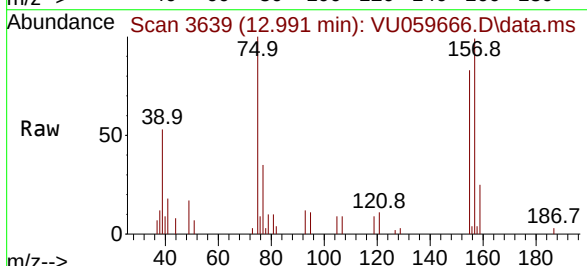
Tgt Ion: 75 Resp: 7802

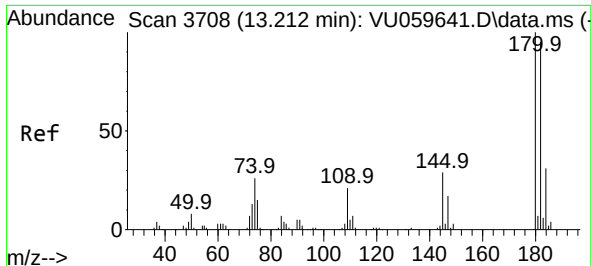
Ion Ratio Lower Upper

75 100

155 82.6 58.2 87.2

157 98.9 80.0 120.0





#69

1,3,5-Trichlorobenzene

Concen: 4.481 ug/L

RT: 13.213 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU059666.D

Acq: 29 Jun 2024 09:21

Instrument :

MSVOA_U

ClientSampleId :

GCL26MS

Tgt Ion:180 Resp: 90011

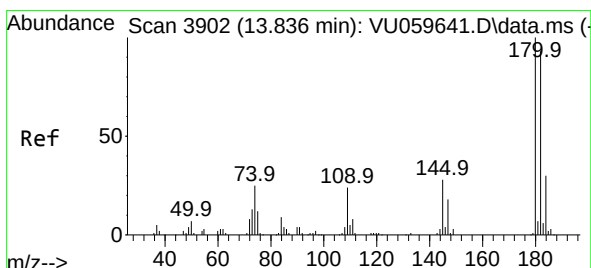
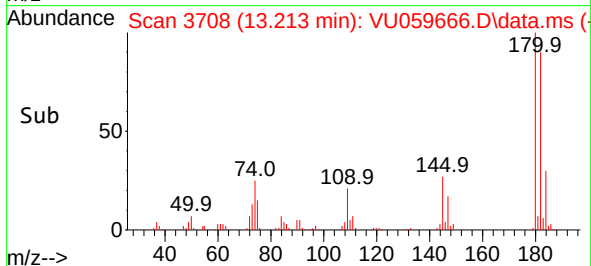
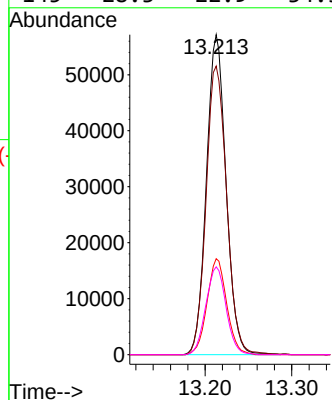
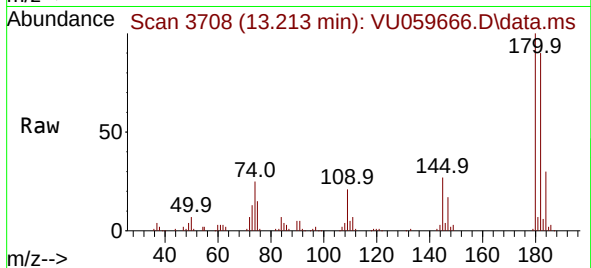
Ion Ratio Lower Upper

180 100

182 94.5 75.4 113.0

184 30.0 23.0 34.6

145 28.3 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 4.419 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU059666.D

Acq: 29 Jun 2024 09:21

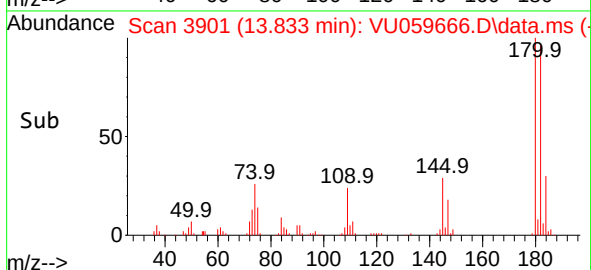
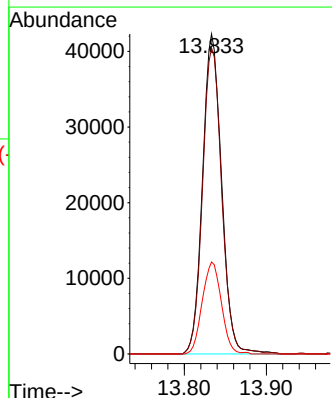
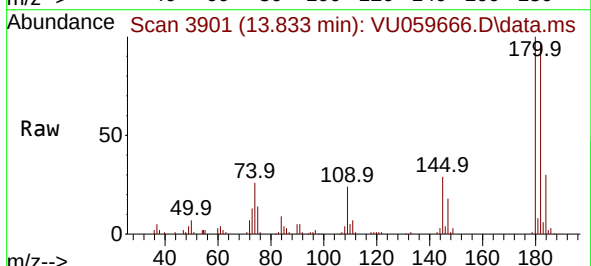
Tgt Ion:180 Resp: 68098

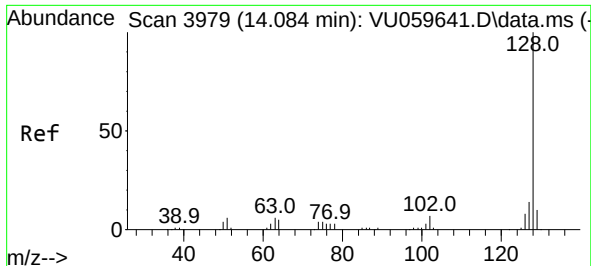
Ion Ratio Lower Upper

180 100

182 96.2 74.9 112.3

145 28.8 23.9 35.9

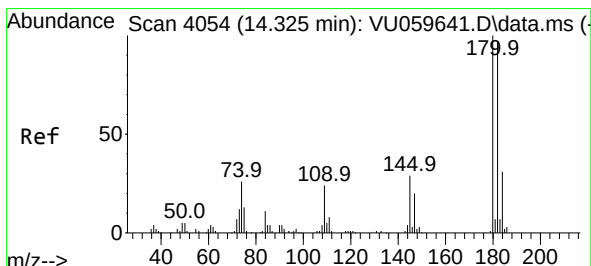
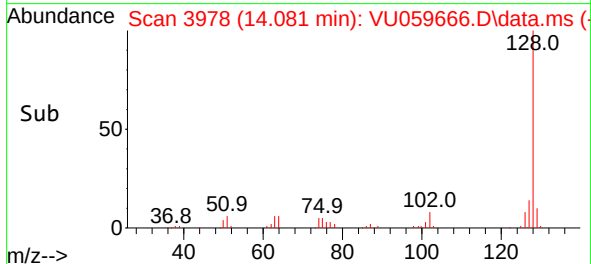
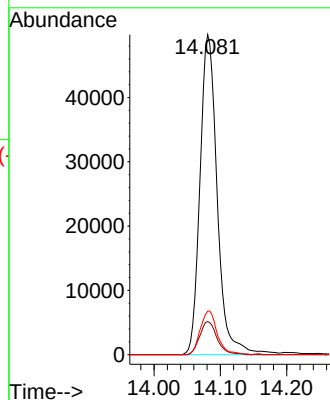
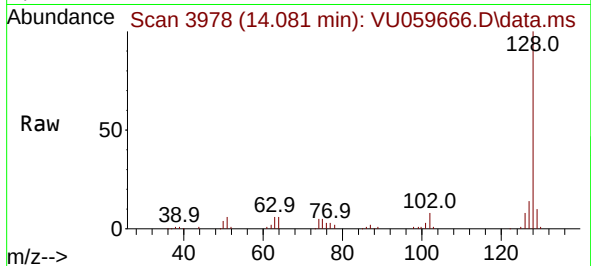




#71
Naphthalene
Concen: 4.076 ug/L
RT: 14.081 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU059666.D
Acq: 29 Jun 2024 09:21

Instrument :
MSVOA_U
ClientSampleId :
GCL26MS

Tgt Ion:128 Resp: 89902
Ion Ratio Lower Upper
128 100
129 10.4 8.2 12.4
127 13.5 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.388 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VU059666.D
Acq: 29 Jun 2024 09:21

Tgt Ion:180 Resp: 62786
Ion Ratio Lower Upper
180 100
182 96.8 77.0 115.6
145 29.6 26.2 39.4

