

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042224\
 Data File : VU058765.D
 Acq On : 22 Apr 2024 12:26
 Operator : MD/SY
 Sample : VSTD005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 22 23:38:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 22 23:37:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	98453	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	92099	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	46267	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	39613	5.771	ug/L	0.00
7) Chloroethane-d5	1.904	69	29460	5.103	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	19906	6.235	ug/L	0.00
20) 2-Butanone-d5	4.627	46	72749	51.912	ug/L	0.00
24) Chloroform-d	5.052	84	83053	6.016	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	40958	6.257	ug/L	0.00
32) Benzene-d6	5.717	84	158046	6.028	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	46102	5.678	ug/L	0.00
41) Toluene-d8	7.891	98	142745	6.109	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	17493	6.666	ug/L	0.00
46) 2-Hexanone-d5	8.627	63	51660	51.126	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	28760	5.089	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	41628	5.161	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.377	85	57091	6.438	ug/L	100
3) Chloromethane	1.512	50	44501	4.506	ug/L	100
5) Vinyl chloride	1.595	62	44574	4.514	ug/L	100
6) Bromomethane	1.849	94	26553	5.413	ug/L	100
8) Chloroethane	1.927	64	25134	4.091	ug/L	100
9) Trichlorofluoromethane	2.132	101	70139	5.219	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	42694	5.317	ug/L	100
12) 1,1-Dichloroethene	2.573	96	37241	5.228	ug/L	100
13) Acetone	2.647	43	51729	44.868	ug/L	100
14) Carbon disulfide	2.785	76	128446	5.570	ug/L	100
15) Methyl Acetate	2.952	43	12337	4.559	ug/L	100
16) Methylene chloride	3.033	84	40920	4.482	ug/L	100
17) Methyl tert-butyl Ether	3.348	73	86397	5.165	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	38750	5.233	ug/L	100
19) 1,1-Dichloroethane	3.856	63	81607	5.060	ug/L	100
21) 2-Butanone	4.705	43	78437	45.483	ug/L	100
22) cis-1,2-Dichloroethene	4.653	96	41559	5.031	ug/L	100
23) Bromochloromethane	4.962	128	16810	5.161	ug/L	100
25) Chloroform	5.074	83	83659	5.310	ug/L	100
27) 1,2-Dichloroethane	5.782	62	49645	5.197	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	74484	5.786	ug/L	100
30) Cyclohexane	5.380	56	70714	5.320	ug/L	100
31) Carbon tetrachloride	5.515	117	65943	5.997	ug/L	100
33) Benzene	5.766	78	172933	5.132	ug/L	100
34) Trichloroethene	6.534	95	46222	5.364	ug/L	100
35) Methylcyclohexane	6.756	83	71093	5.493	ug/L	100
37) 1,2-Dichloropropane	6.782	63	44719	5.079	ug/L	100
38) Bromodichloromethane	7.097	83	55603	5.423	ug/L	100
39) cis-1,3-Dichloropropene	7.598	75	63453	5.525	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	202169	49.109	ug/L	100
42) Toluene	7.962	91	181089	5.124	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	48482	5.389	ug/L	100

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 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 22 23:38:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 22 23:37:12 2024
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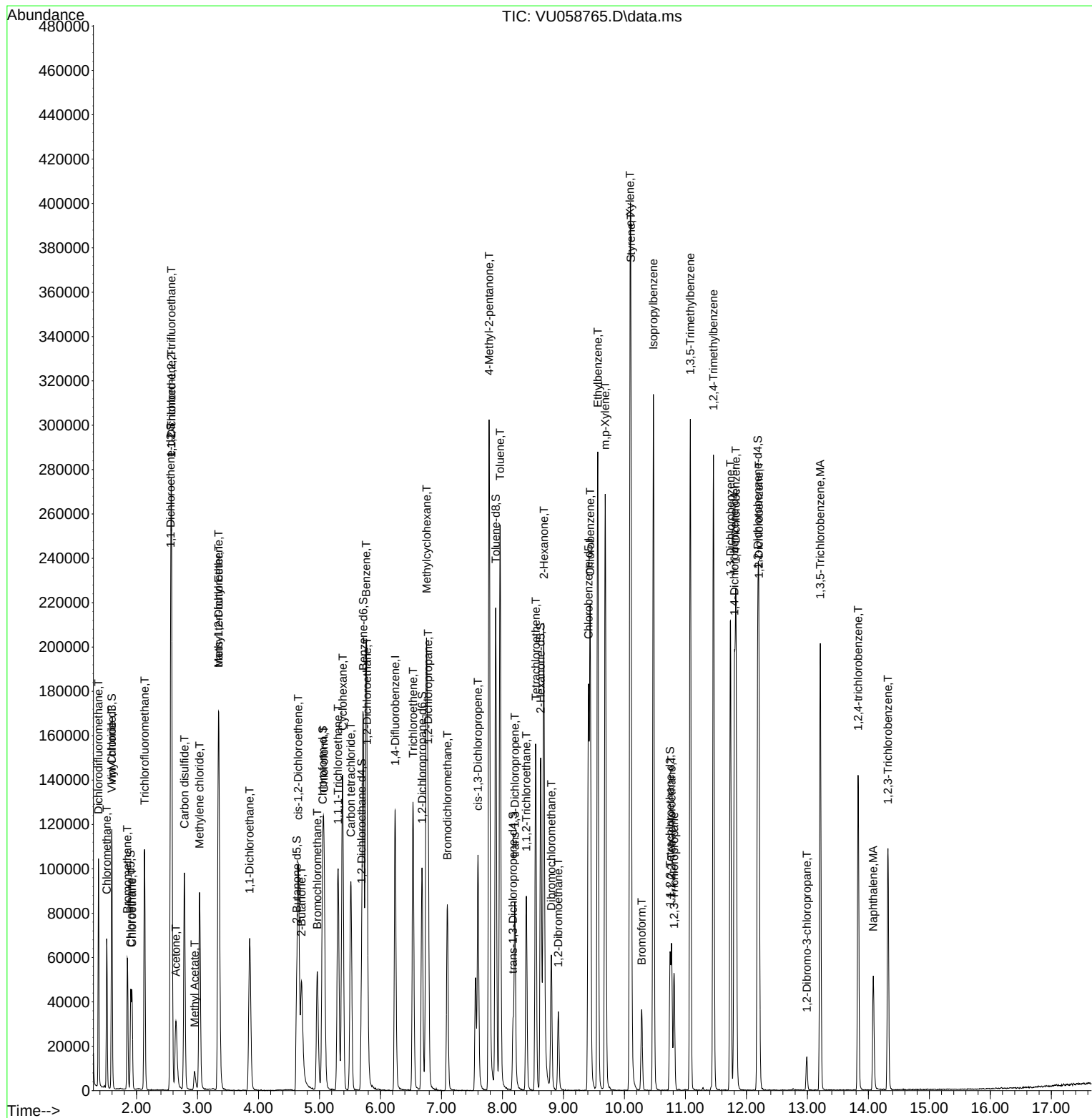
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	26762	5.180	ug/L	100
47) Tetrachloroethene	8.547	164	32924	5.246	ug/L	100
48) 2-Hexanone	8.679	43	142376	48.907	ug/L	100
49) Dibromochloromethane	8.801	129	31018	5.187	ug/L	100
50) 1,2-Dibromoethane	8.917	107	23823	5.034	ug/L	100
51) Chlorobenzene	9.441	112	107913	5.058	ug/L	100
52) Ethylbenzene	9.563	91	199703	5.298	ug/L	100
53) m,p-Xylene	9.685	106	72978	5.412	ug/L	100
54) o-Xylene	10.094	106	69183	5.264	ug/L	100
55) Styrene	10.106	104	115526	5.422	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	30046	4.776	ug/L	100
59) Bromoform	10.283	173	16733	5.364	ug/L	100
60) Isopropylbenzene	10.476	105	194149	5.603	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	22265	4.788	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	160545	5.667	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	156494	5.472	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	81453	4.937	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	78805	4.894	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	71130	4.776	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.990	75	4576	5.592	ug/L	100
69) 1,3,5-Trichlorobenzene	13.212	180	59127	4.864	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	40066	4.301	ug/L	100
71) Naphthalene	14.080	128	44429	3.512	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	31842	4.161	ug/L	100

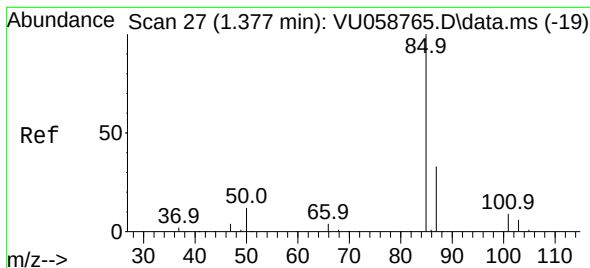
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Data File : VU058765.D
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Sample : VSTD005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 22 23:38:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
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#2

Dichlorodifluoromethane

Concen: 6.438 ug/L

RT: 1.377 min Scan# 27

Delta R.T. 0.000 min

Lab File: VU058765.D

Acq: 22 Apr 2024 12:26

Instrument :

MSVOA_U

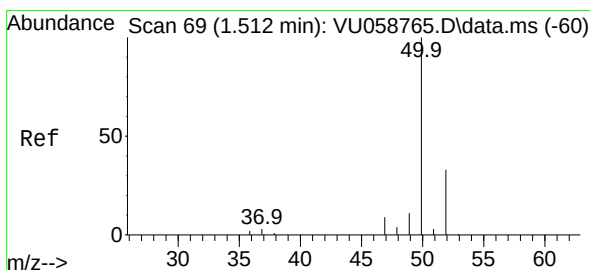
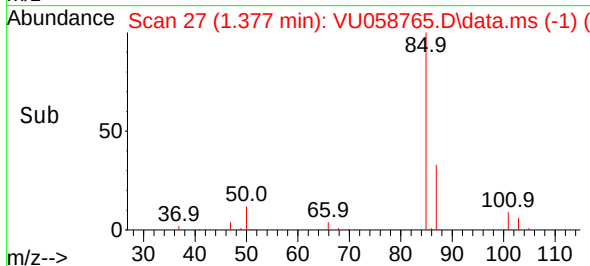
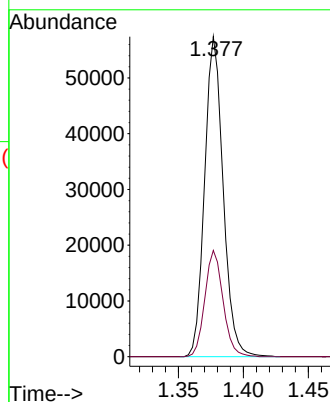
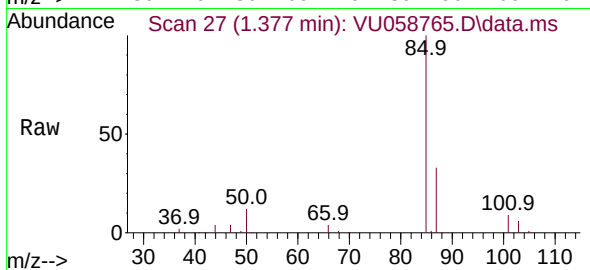
ClientSampleId :

Tgt Ion: 85 Resp: 57091

Ion Ratio Lower Upper

85 100

87 32.5 26.0 39.0



#3

Chloromethane

Concen: 4.506 ug/L

RT: 1.512 min Scan# 69

Delta R.T. 0.000 min

Lab File: VU058765.D

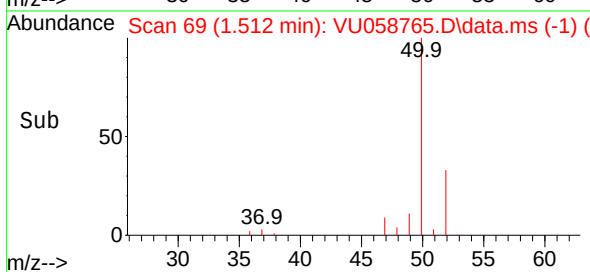
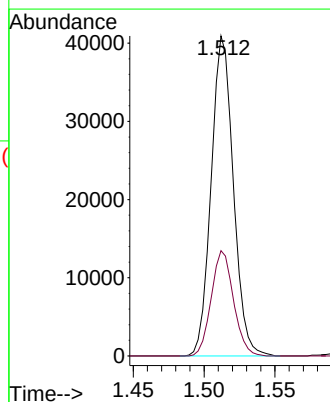
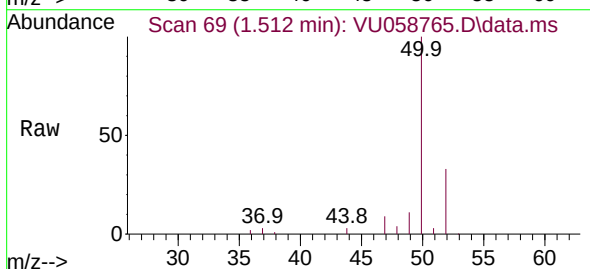
Acq: 22 Apr 2024 12:26

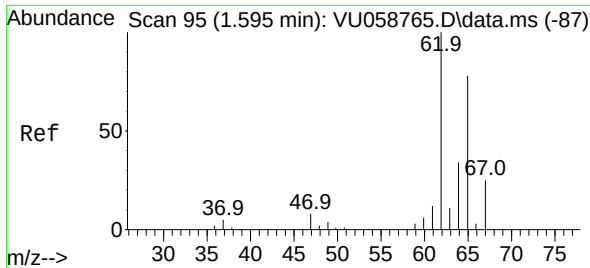
Tgt Ion: 50 Resp: 44501

Ion Ratio Lower Upper

50 100

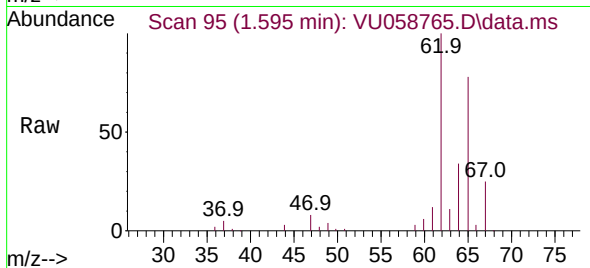
52 32.9 23.0 42.8



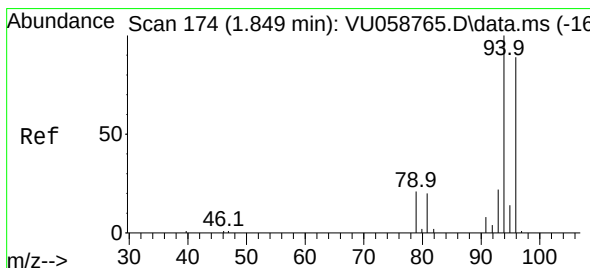
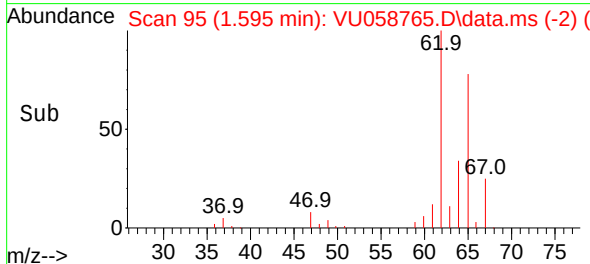
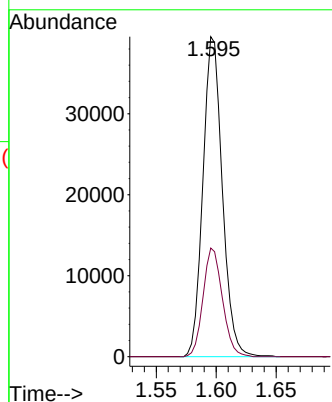


#5
 Vinyl chloride
 Concen: 4.514 ug/L
 RT: 1.595 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VU058765.D
 Acq: 22 Apr 2024 12:26

Instrument :
 MSVOA_U
 ClientSampleId :

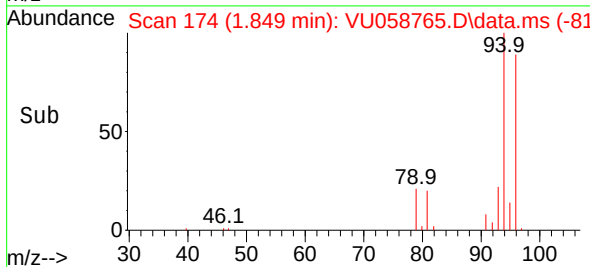
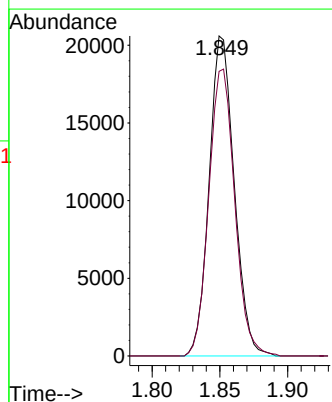
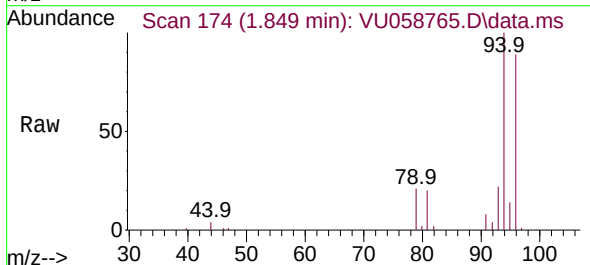


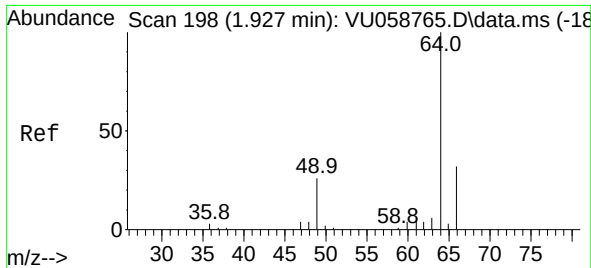
Tgt Ion: 62 Resp: 44574
 Ion Ratio Lower Upper
 62 100
 64 34.0 23.8 44.2



#6
 Bromomethane
 Concen: 5.413 ug/L
 RT: 1.849 min Scan# 174
 Delta R.T. 0.000 min
 Lab File: VU058765.D
 Acq: 22 Apr 2024 12:26

Tgt Ion: 94 Resp: 26553
 Ion Ratio Lower Upper
 94 100
 96 88.9 62.2 115.6

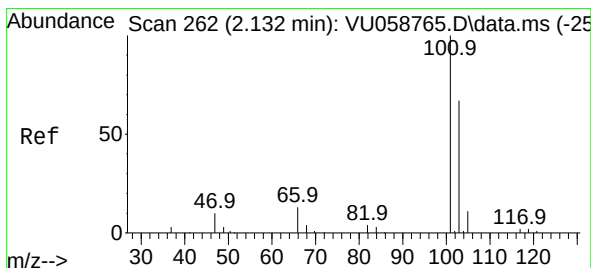
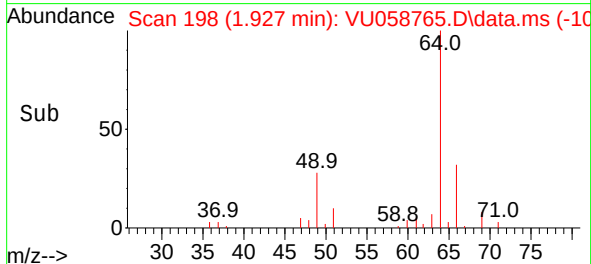
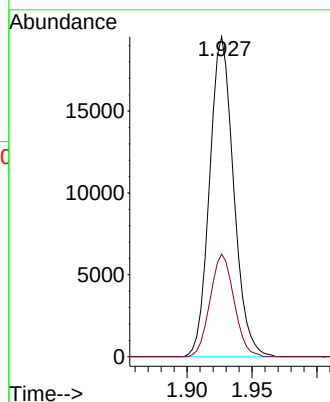
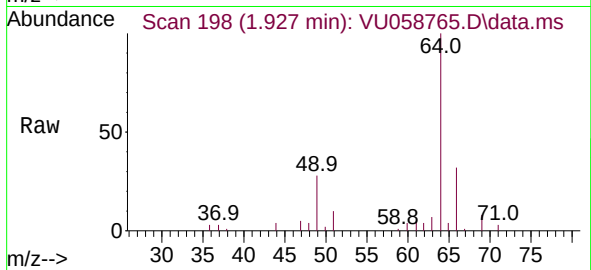




#8
Chloroethane
Concen: 4.091 ug/L
RT: 1.927 min Scan# 198
Delta R.T. 0.000 min
Lab File: VU058765.D
Acq: 22 Apr 2024 12:26

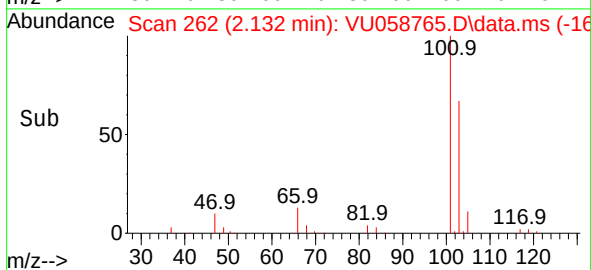
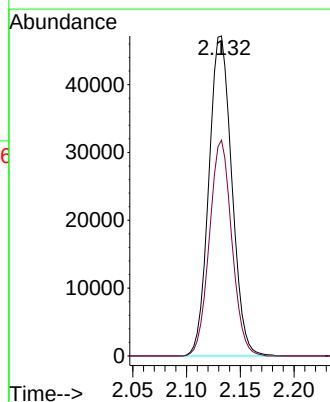
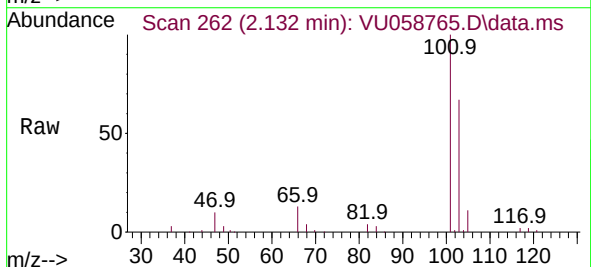
Instrument :
MSVOA_U
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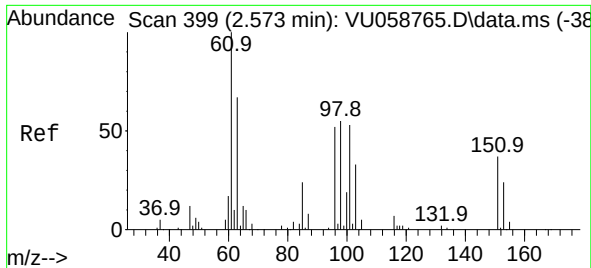
Tgt Ion: 64 Resp: 25134
Ion Ratio Lower Upper
64 100
66 32.0 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.219 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU058765.D
Acq: 22 Apr 2024 12:26

Tgt Ion:101 Resp: 70139
Ion Ratio Lower Upper
101 100
103 65.7 52.6 78.8

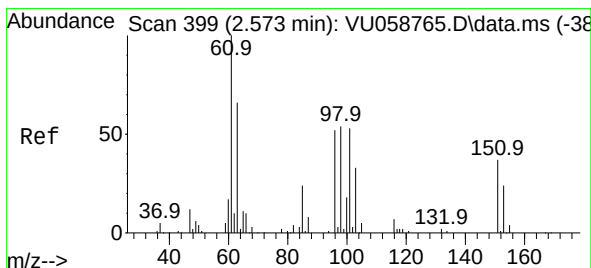
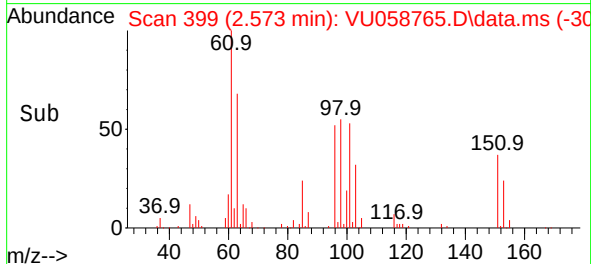
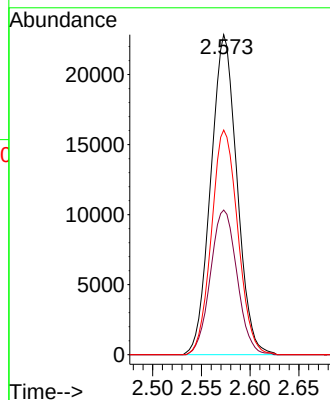
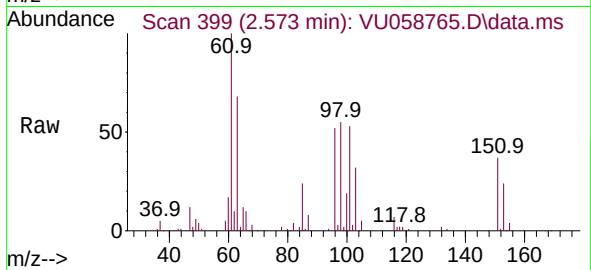




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.317 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU058765.D
 Acq: 22 Apr 2024 12:26

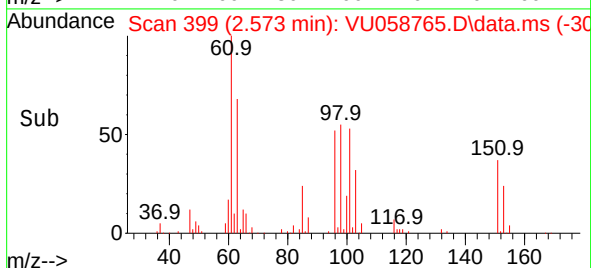
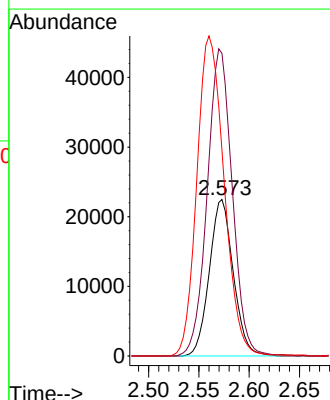
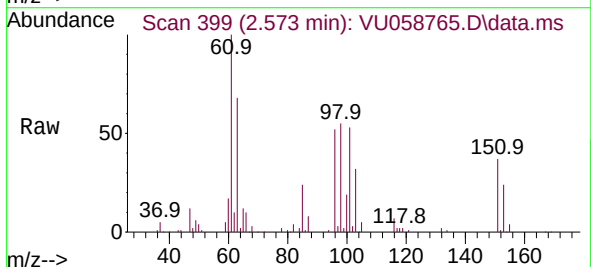
Instrument :
 MSVOA_U
 ClientSampleId :

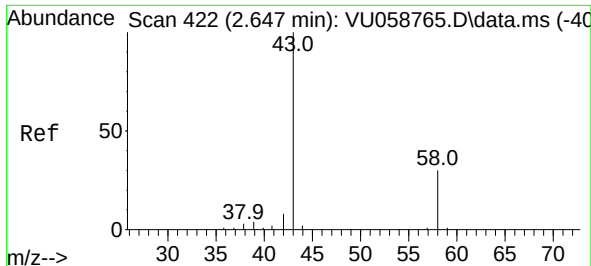
Tgt Ion:101 Resp: 42694
 Ion Ratio Lower Upper
 101 100
 85 45.9 36.7 55.1
 151 70.7 56.6 84.8



#12
 1,1-Dichloroethene
 Concen: 5.228 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU058765.D
 Acq: 22 Apr 2024 12:26

Tgt Ion: 96 Resp: 37241
 Ion Ratio Lower Upper
 96 100
 61 193.3 135.3 251.3
 63 131.3 91.9 170.7





#13

Acetone

Concen: 44.868 ug/L

RT: 2.647 min Scan# 422

Delta R.T. 0.000 min

Lab File: VU058765.D

Acq: 22 Apr 2024 12:26

Instrument :

MSVOA_U

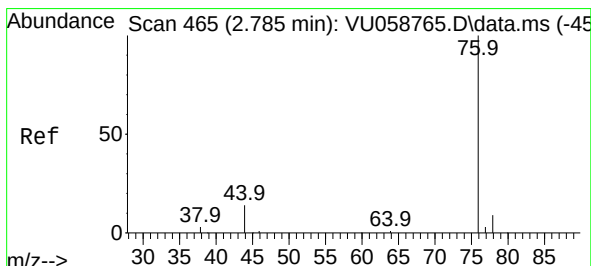
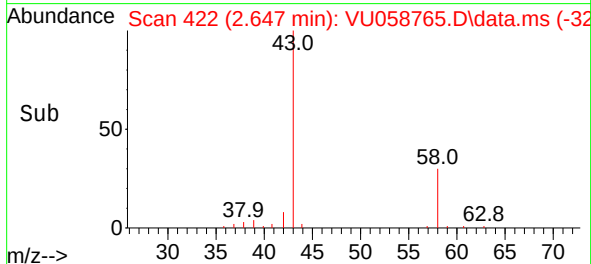
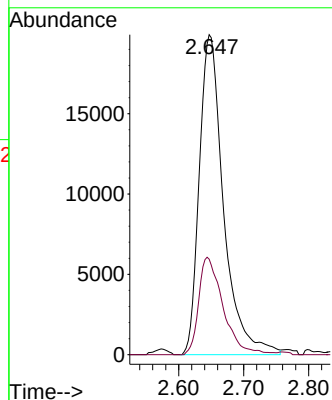
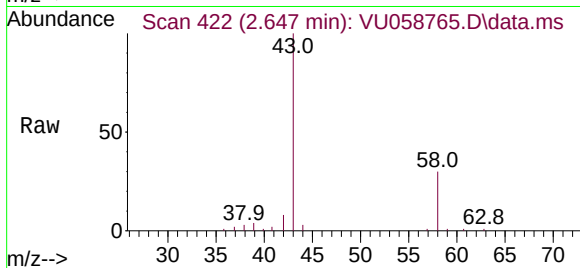
ClientSampleId :

Tgt Ion: 43 Resp: 51729

Ion Ratio Lower Upper

43 100

58 30.6 0.0 61.2



#14

Carbon disulfide

Concen: 5.570 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU058765.D

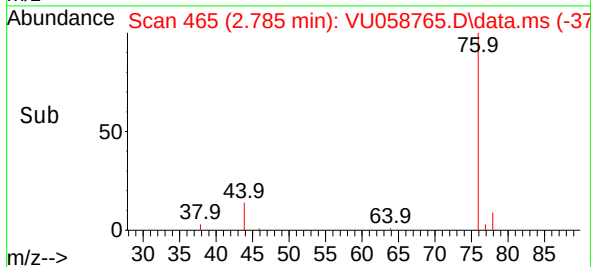
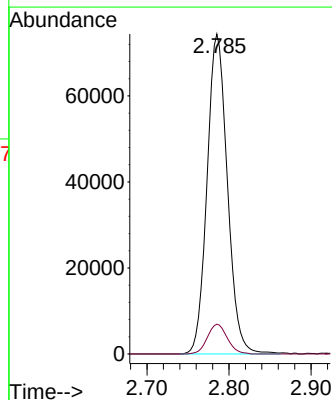
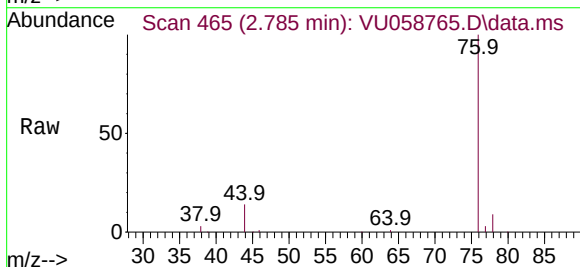
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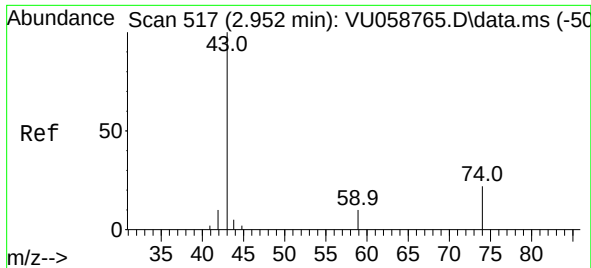
Tgt Ion: 76 Resp: 128446

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

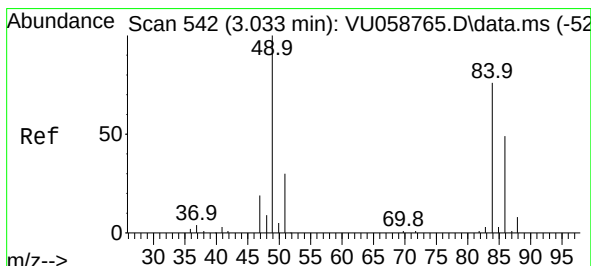
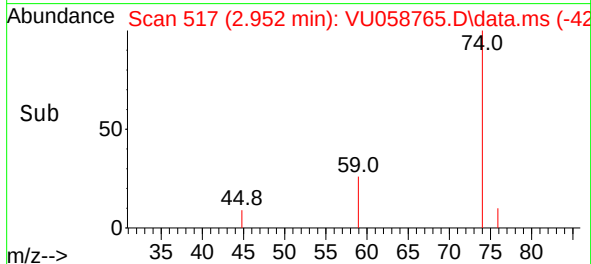
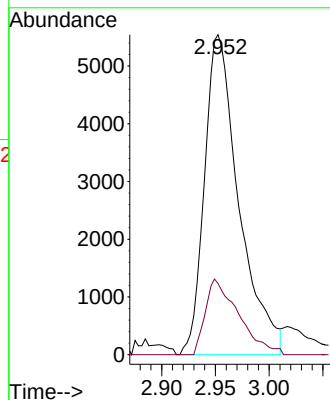
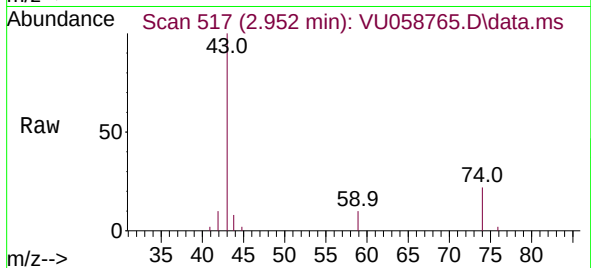




#15
Methyl Acetate
Concen: 4.559 ug/L
RT: 2.952 min Scan# 517
Delta R.T. 0.000 min
Lab File: VU058765.D
Acq: 22 Apr 2024 12:26

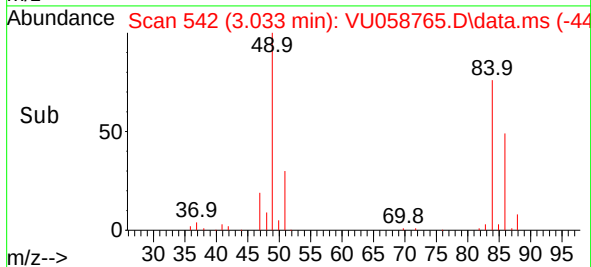
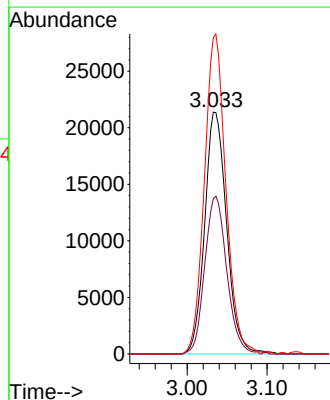
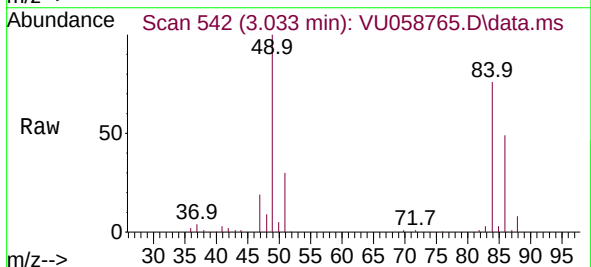
Instrument :
MSVOA_U
ClientSampleId :

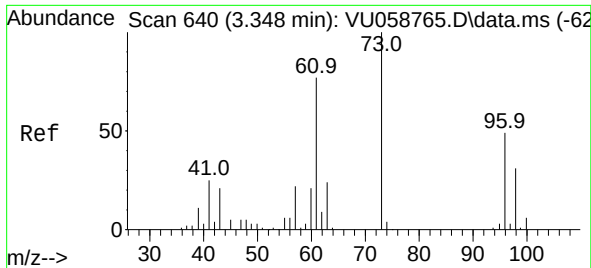
Tgt Ion: 43 Resp: 12337
Ion Ratio Lower Upper
43 100
74 22.8 18.2 27.4



#16
Methylene chloride
Concen: 4.482 ug/L
RT: 3.033 min Scan# 542
Delta R.T. 0.000 min
Lab File: VU058765.D
Acq: 22 Apr 2024 12:26

Tgt Ion: 84 Resp: 40920
Ion Ratio Lower Upper
84 100
86 64.3 45.0 83.6
49 130.9 91.6 170.2

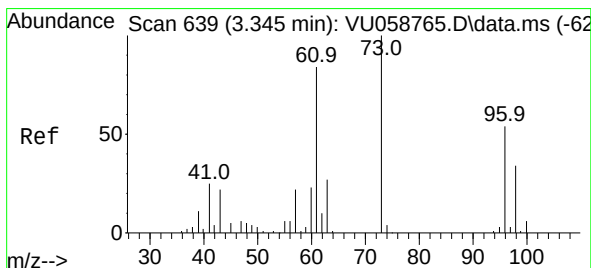
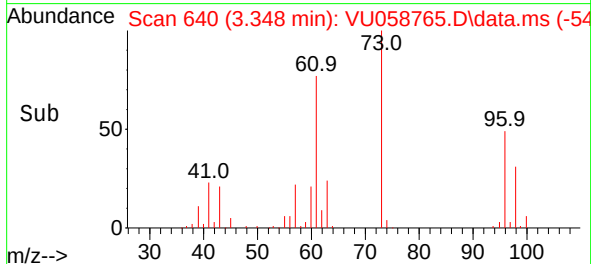
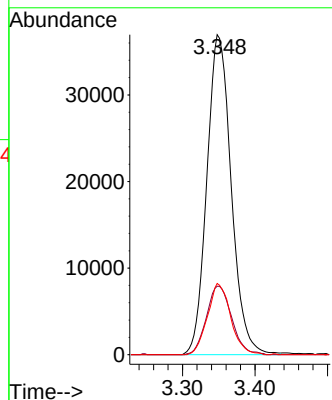
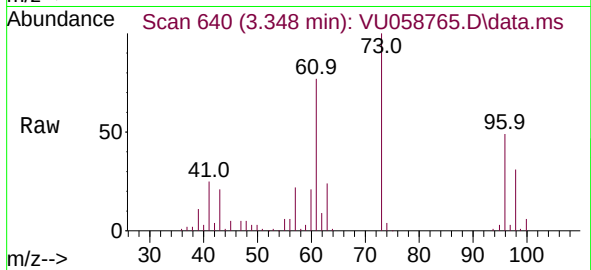




#17
Methyl tert-butyl Ether
Concen: 5.165 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU058765.D
Acq: 22 Apr 2024 12:26

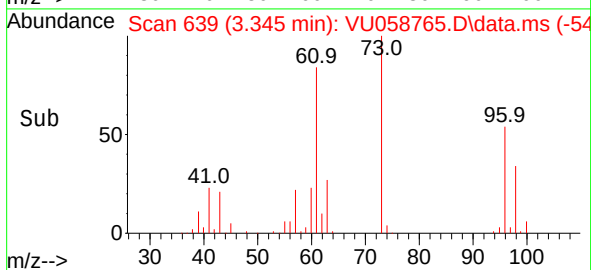
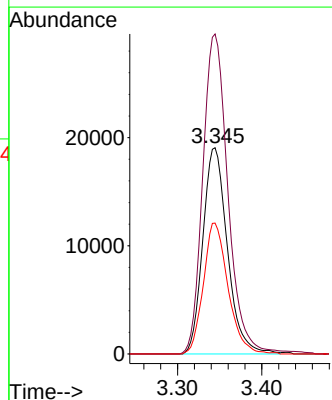
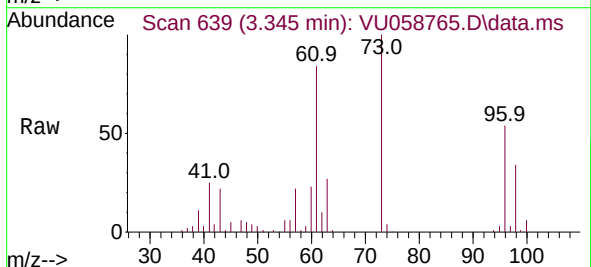
Instrument :
MSVOA_U
ClientSampleId :

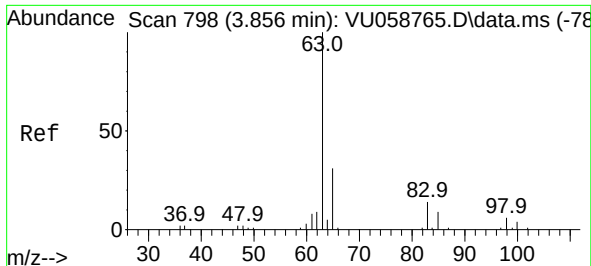
Tgt Ion: 73 Resp: 86397
Ion Ratio Lower Upper
73 100
43 22.1 17.7 26.5
57 21.2 17.0 25.4



#18
trans-1,2-Dichloroethene
Concen: 5.233 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU058765.D
Acq: 22 Apr 2024 12:26

Tgt Ion: 96 Resp: 38750
Ion Ratio Lower Upper
96 100
61 155.2 108.6 201.8
98 63.4 44.4 82.4

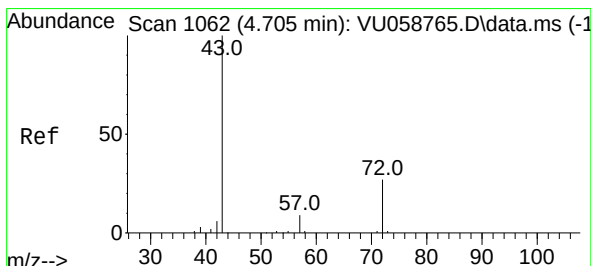
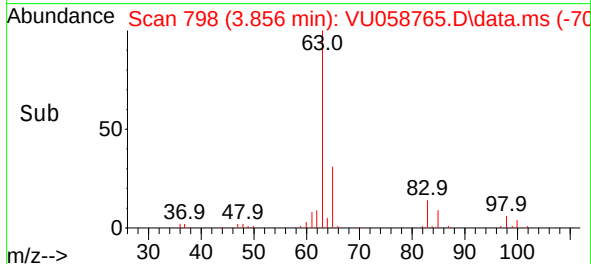
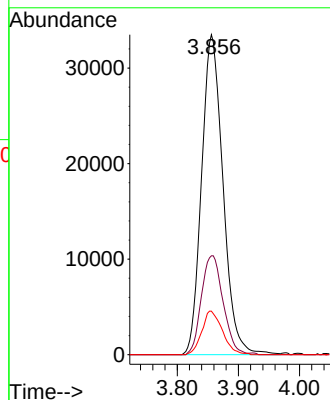
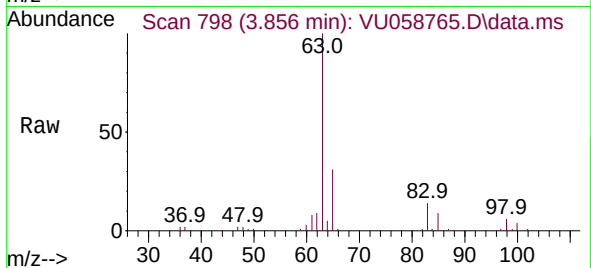




#19
1,1-Dichloroethane
Concen: 5.060 ug/L
RT: 3.856 min Scan# 798
Delta R.T. 0.000 min
Lab File: VU058765.D
Acq: 22 Apr 2024 12:26

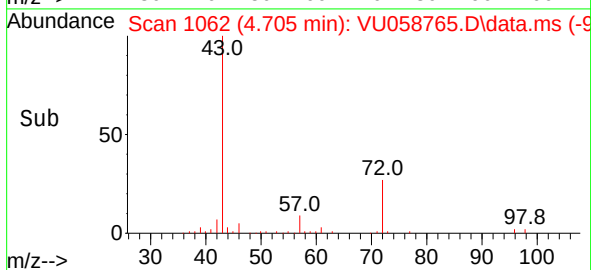
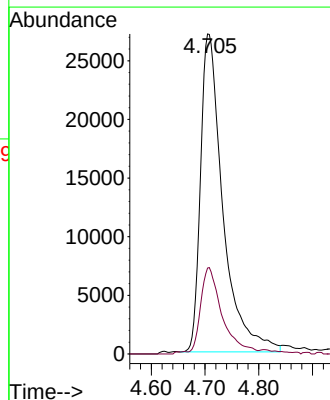
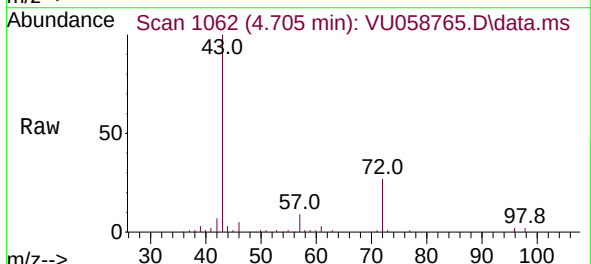
Instrument :
MSVOA_U
ClientSampleId :

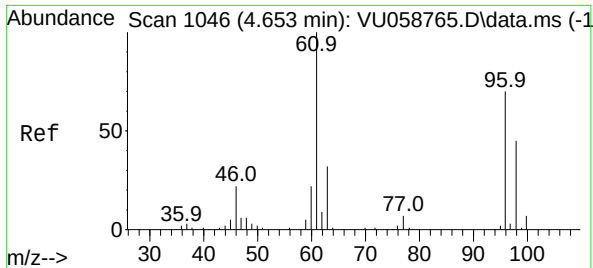
Tgt Ion: 63 Resp: 81607
Ion Ratio Lower Upper
63 100
65 30.9 21.6 40.2
83 13.6 9.5 17.7



#21
2-Butanone
Concen: 45.483 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VU058765.D
Acq: 22 Apr 2024 12:26

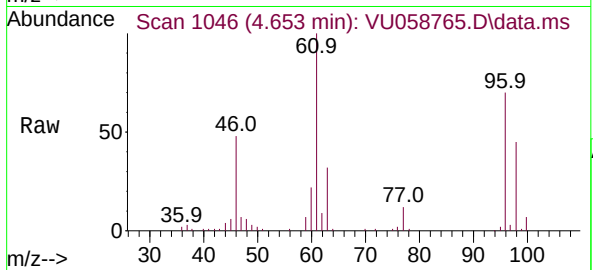
Tgt Ion: 43 Resp: 78437
Ion Ratio Lower Upper
43 100
72 25.6 12.8 38.4





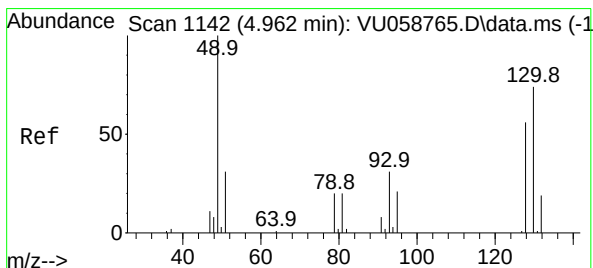
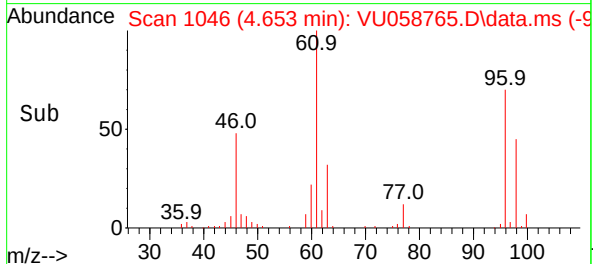
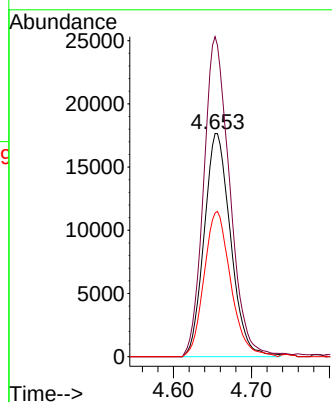
#22
cis-1,2-Dichloroethene
Concen: 5.031 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. 0.000 min
Lab File: VU058765.D
Acq: 22 Apr 2024 12:26

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 41559

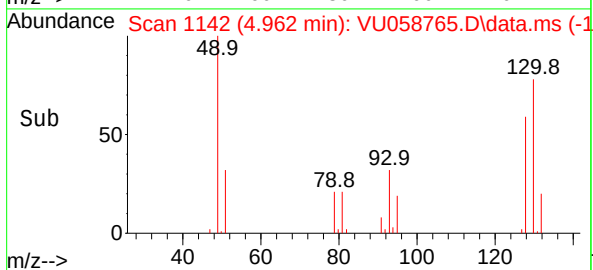
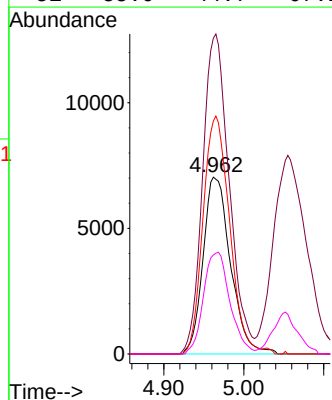
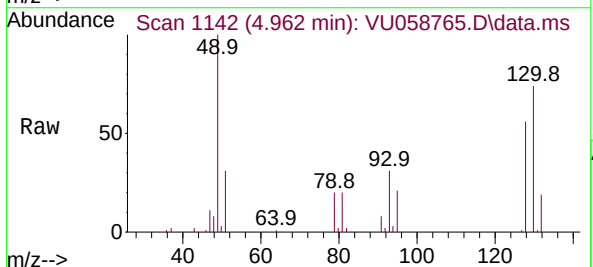
Ion	Ratio	Lower	Upper
96	100		
61	143.4	100.4	186.4
98	64.4	45.1	83.7

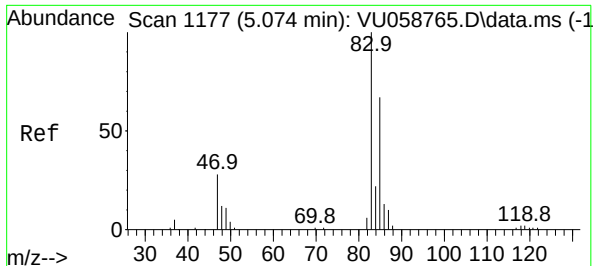


#23
Bromochloromethane
Concen: 5.161 ug/L
RT: 4.962 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VU058765.D
Acq: 22 Apr 2024 12:26

Tgt Ion: 128 Resp: 16810

Ion	Ratio	Lower	Upper
128	100		
49	184.4	129.1	239.7
130	131.6	92.1	171.1
51	55.9	44.7	67.1





#25

Chloroform

Concen: 5.310 ug/L

RT: 5.074 min Scan# 1177

Delta R.T. 0.000 min

Lab File: VU058765.D

Acq: 22 Apr 2024 12:26

Instrument :

MSVOA_U

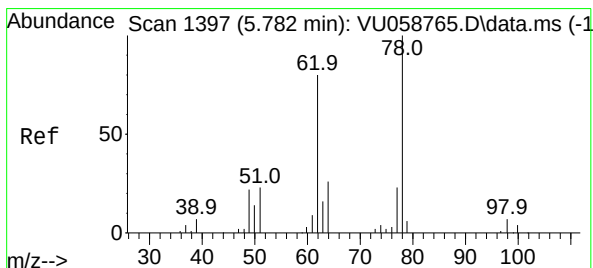
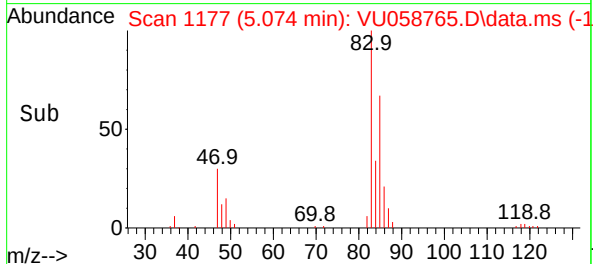
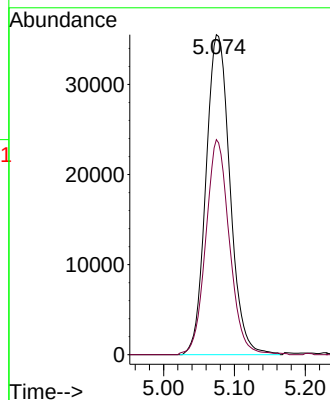
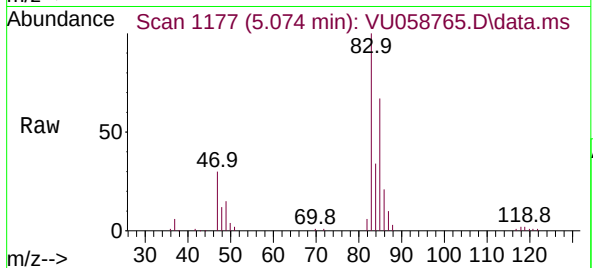
ClientSampleId :

Tgt Ion: 83 Resp: 83659

Ion Ratio Lower Upper

83 100

85 67.2 47.0 87.4



#27

1,2-Dichloroethane

Concen: 5.197 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VU058765.D

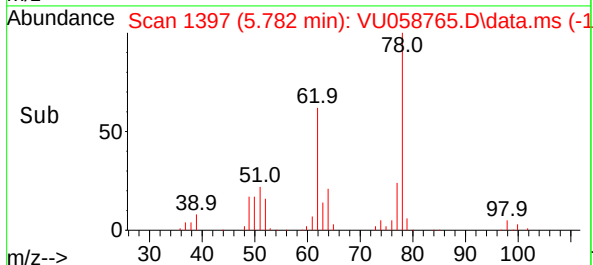
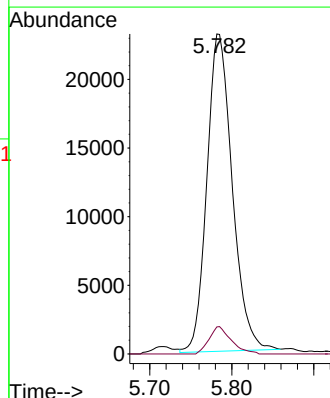
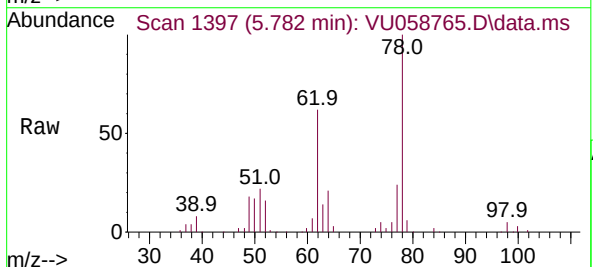
Acq: 22 Apr 2024 12:26

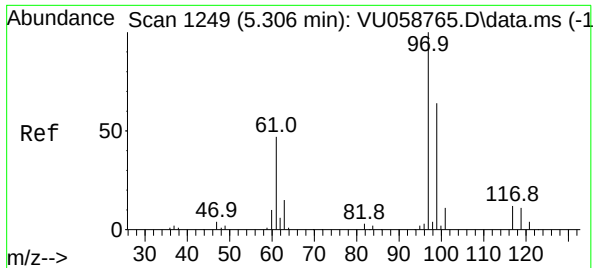
Tgt Ion: 62 Resp: 49645

Ion Ratio Lower Upper

62 100

98 8.4 6.7 10.1

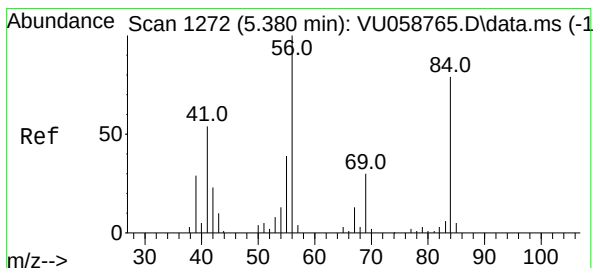
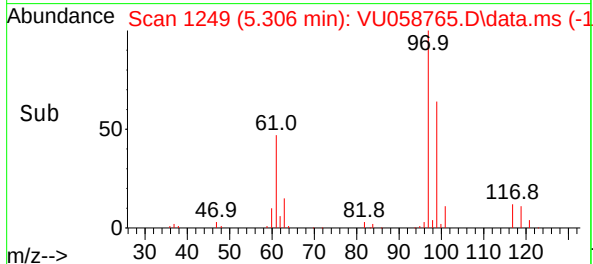
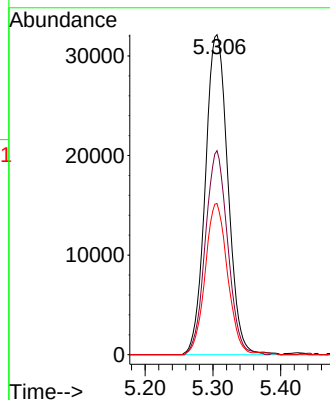
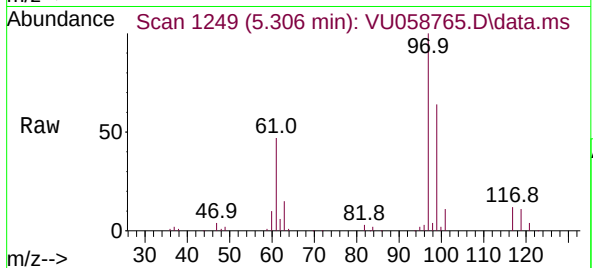




#29
1,1,1-Trichloroethane
Concen: 5.786 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU058765.D
Acq: 22 Apr 2024 12:26

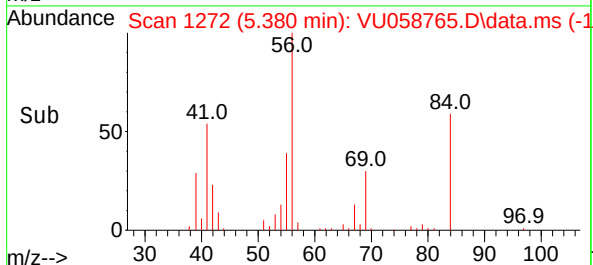
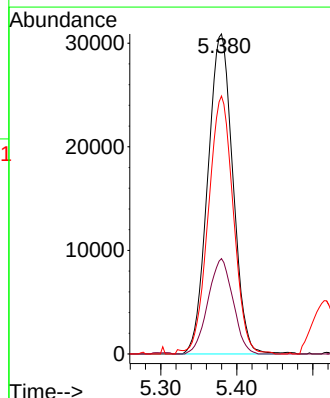
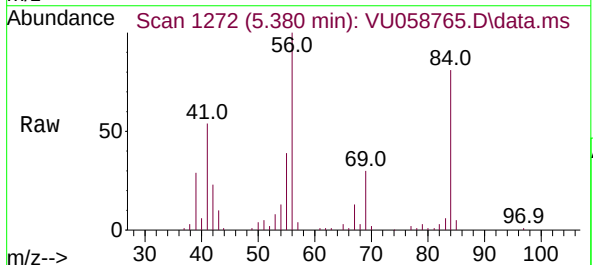
Instrument :
MSVOA_U
ClientSampleId :

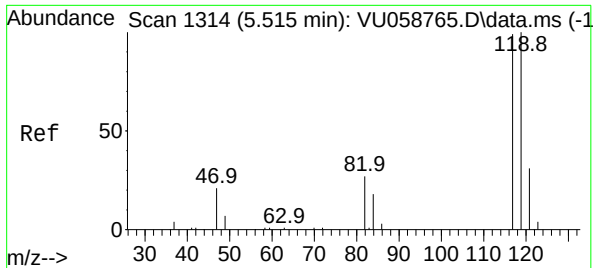
Tgt Ion: 97 Resp: 74484
Ion Ratio Lower Upper
97 100
99 63.1 50.5 75.7
61 46.6 37.3 55.9



#30
Cyclohexane
Concen: 5.320 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU058765.D
Acq: 22 Apr 2024 12:26

Tgt Ion: 56 Resp: 70714
Ion Ratio Lower Upper
56 100
69 29.6 23.7 35.5
84 80.3 64.2 96.4

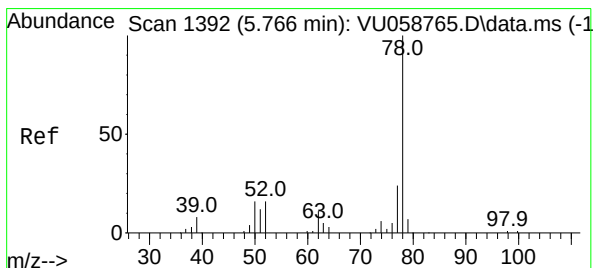
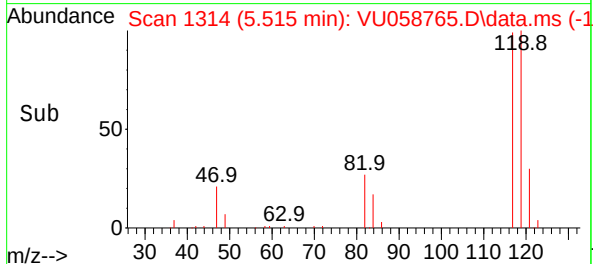
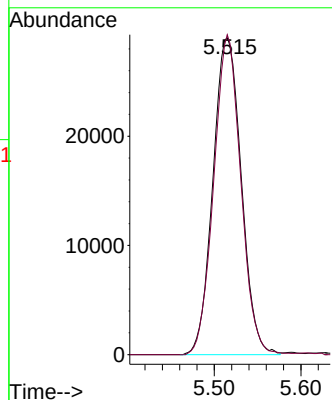
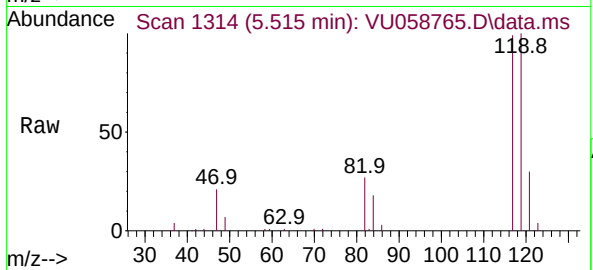




#31
Carbon tetrachloride
Concen: 5.997 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU058765.D
Acq: 22 Apr 2024 12:26

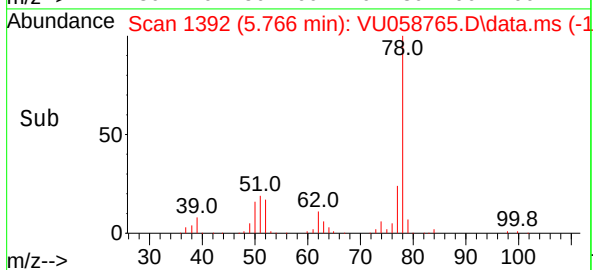
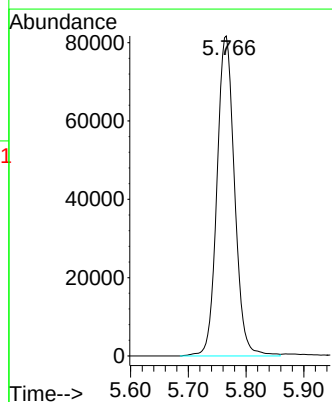
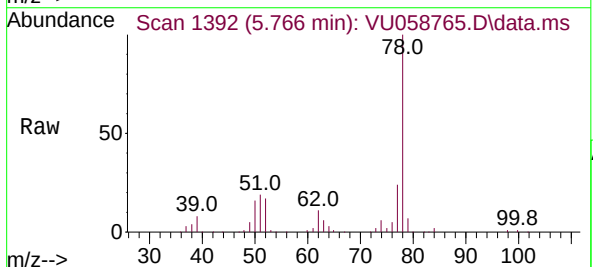
Instrument :
MSVOA_U
ClientSampleId :

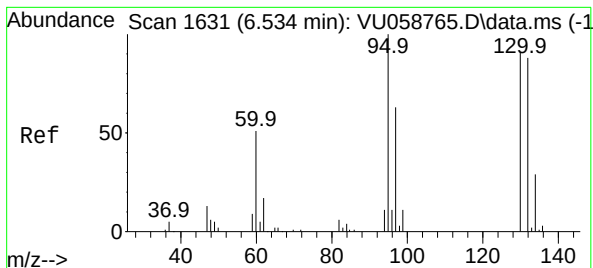
Tgt Ion:117 Resp: 65943
Ion Ratio Lower Upper
117 100
119 96.2 77.0 115.4



#33
Benzene
Concen: 5.132 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU058765.D
Acq: 22 Apr 2024 12:26

Tgt Ion: 78 Resp: 172933





#34

Trichloroethene

Concen: 5.364 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU058765.D

Acq: 22 Apr 2024 12:26

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 46222

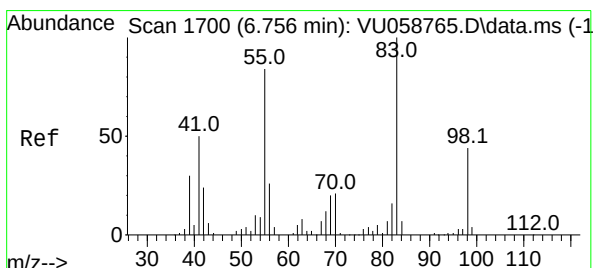
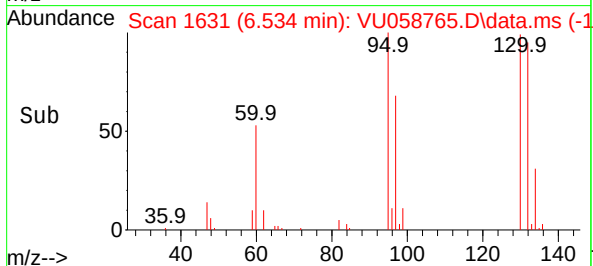
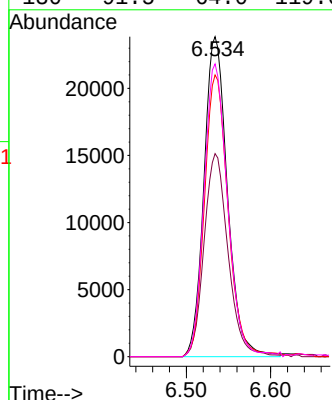
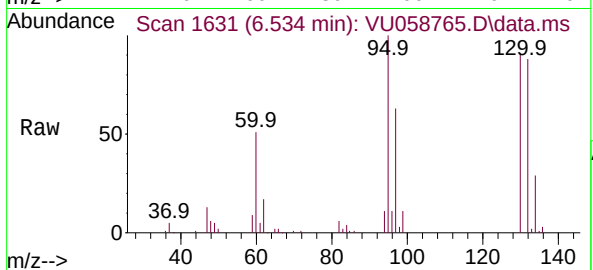
Ion Ratio Lower Upper

95 100

97 63.4 44.4 82.4

132 88.0 61.6 114.4

130 91.5 64.0 119.0



#35

Methylcyclohexane

Concen: 5.493 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU058765.D

Acq: 22 Apr 2024 12:26

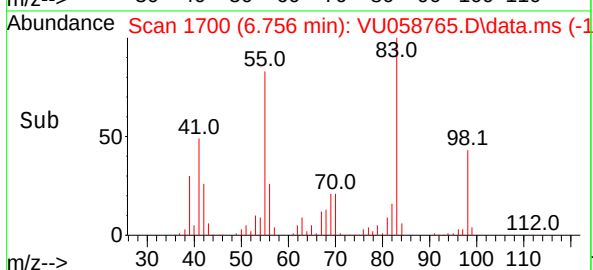
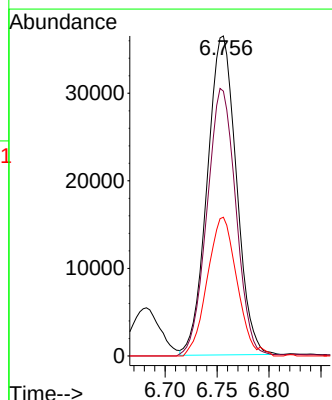
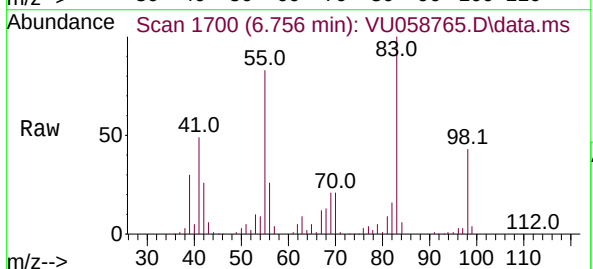
Tgt Ion: 83 Resp: 71093

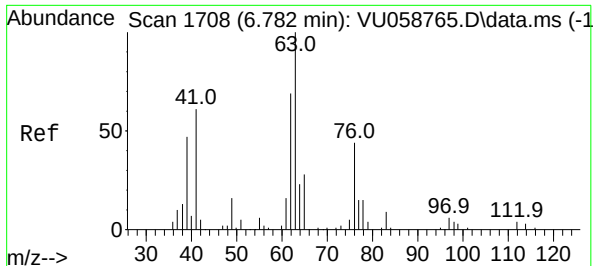
Ion Ratio Lower Upper

83 100

55 83.3 66.6 100.0

98 44.3 35.4 53.2

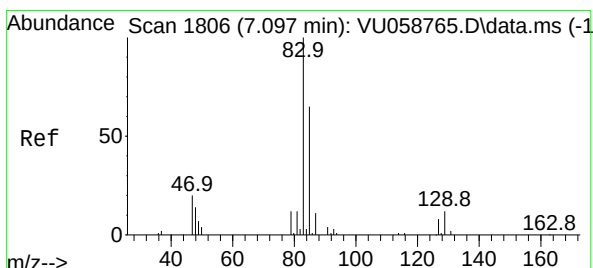
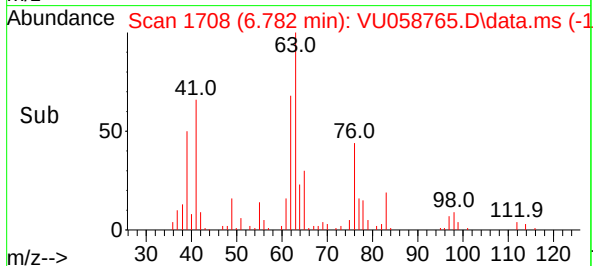
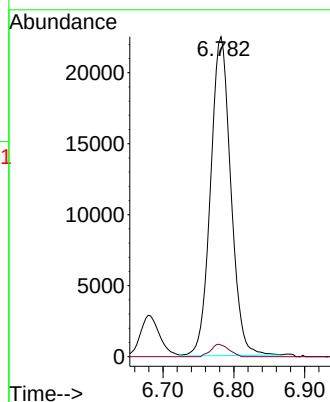
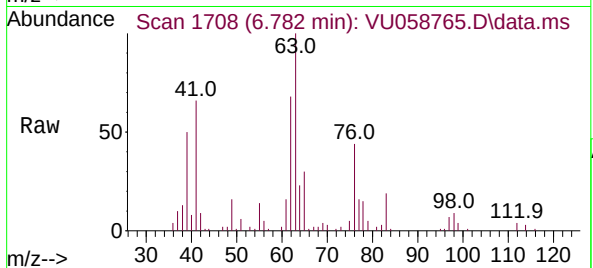




#37
1,2-Dichloropropane
Concen: 5.079 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU058765.D
Acq: 22 Apr 2024 12:26

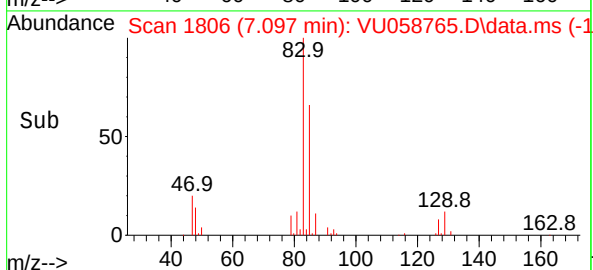
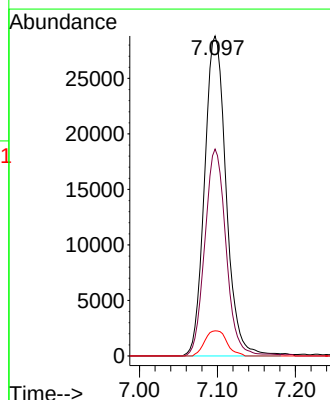
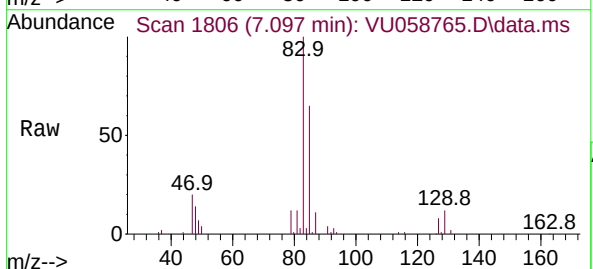
Instrument :
MSVOA_U
ClientSampleId :

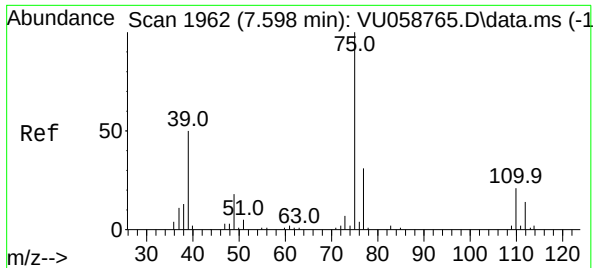
Tgt Ion: 63 Resp: 44719
Ion Ratio Lower Upper
63 100
112 3.5 2.8 4.2



#38
Bromodichloromethane
Concen: 5.423 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU058765.D
Acq: 22 Apr 2024 12:26

Tgt Ion: 83 Resp: 55603
Ion Ratio Lower Upper
83 100
85 64.6 45.2 84.0
127 7.9 6.3 9.5

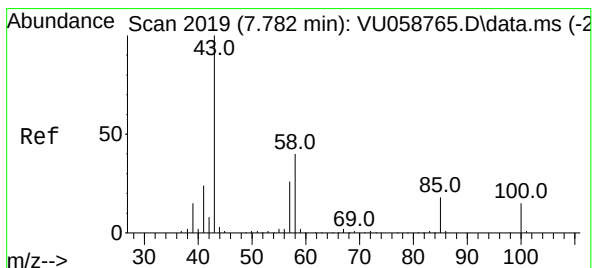
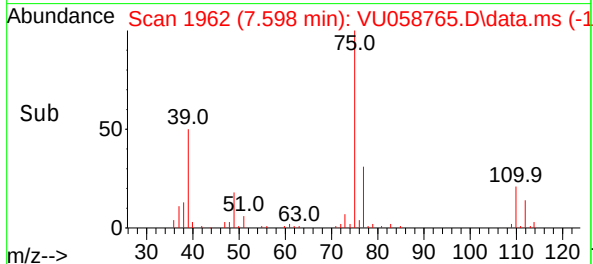
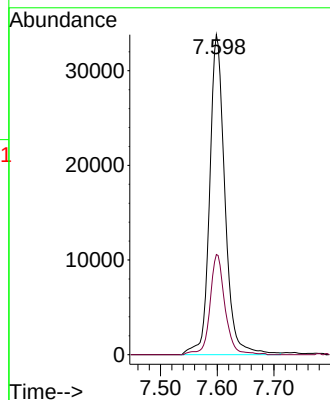
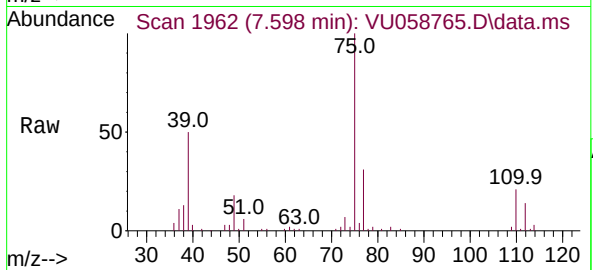




#39
 cis-1,3-Dichloropropene
 Concen: 5.525 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VU058765.D
 Acq: 22 Apr 2024 12:26

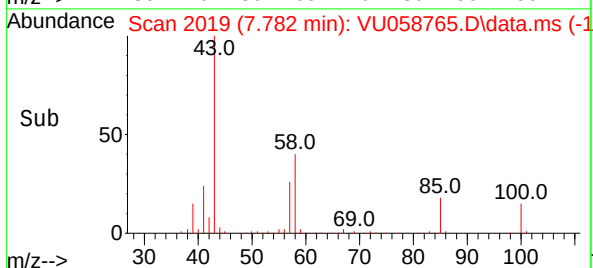
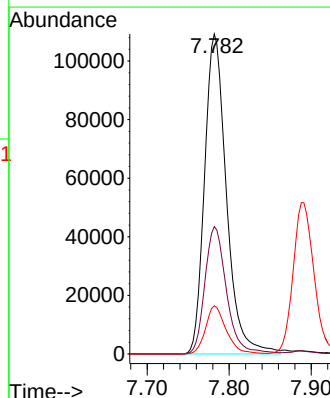
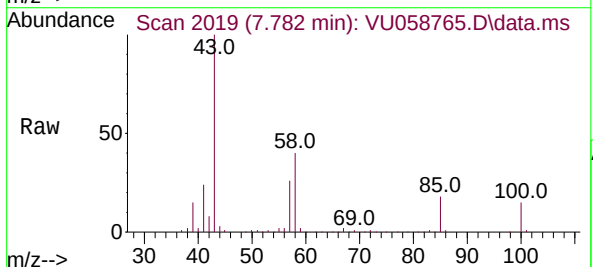
Instrument :
 MSVOA_U
 ClientSampleId :

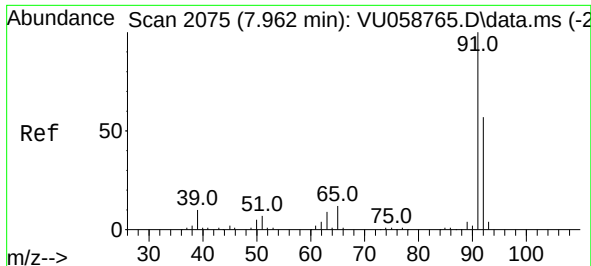
Tgt Ion: 75 Resp: 63453
 Ion Ratio Lower Upper
 75 100
 77 31.3 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 49.109 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU058765.D
 Acq: 22 Apr 2024 12:26

Tgt Ion: 43 Resp: 202169
 Ion Ratio Lower Upper
 43 100
 58 39.4 31.5 47.3
 100 14.2 11.4 17.0





#42

Toluene

Concen: 5.124 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU058765.D

Acq: 22 Apr 2024 12:26

Instrument :

MSVOA_U

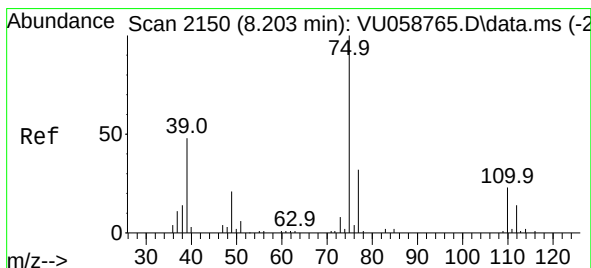
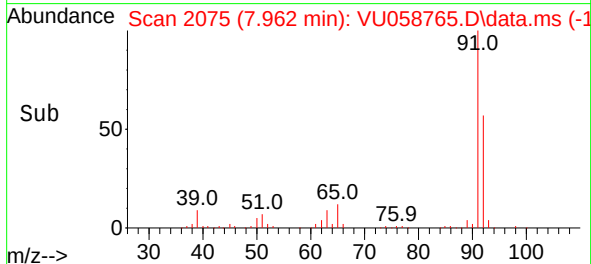
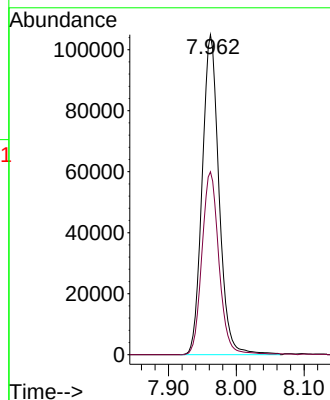
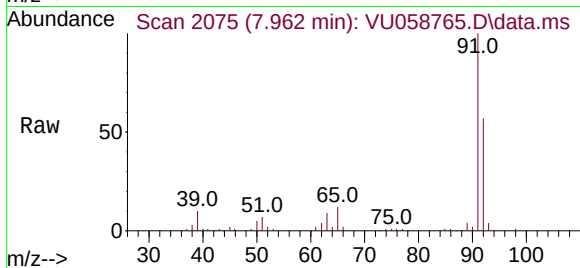
ClientSampleId :

Tgt Ion: 91 Resp: 181089

Ion Ratio Lower Upper

91 100

92 57.1 40.0 74.2



#44

trans-1,3-Dichloropropene

Concen: 5.389 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU058765.D

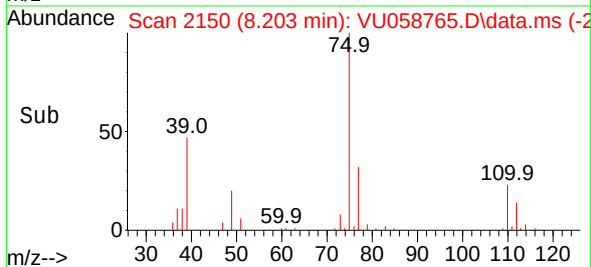
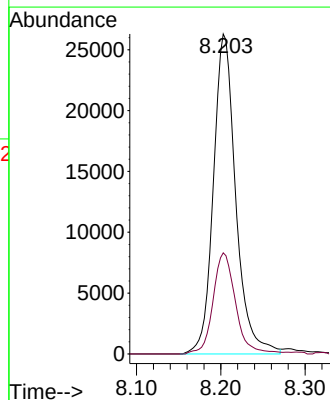
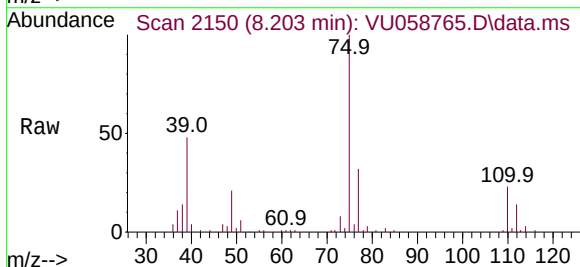
Acq: 22 Apr 2024 12:26

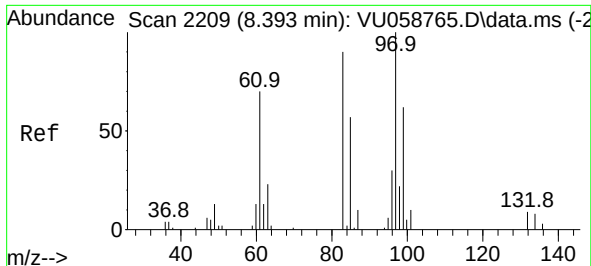
Tgt Ion: 75 Resp: 48482

Ion Ratio Lower Upper

75 100

77 31.6 22.1 41.1

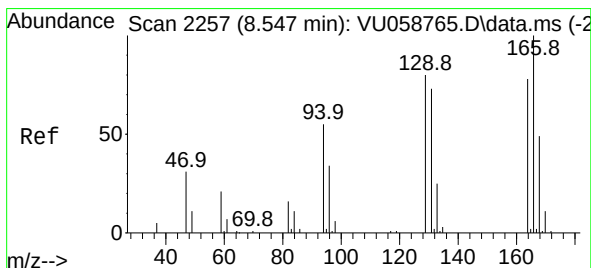
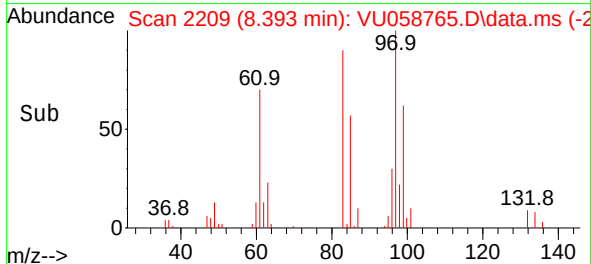
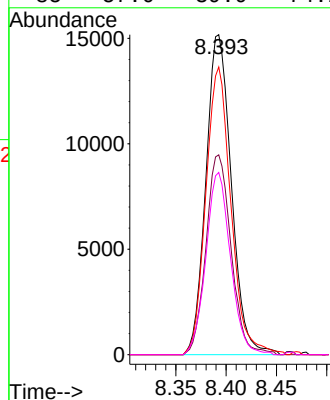
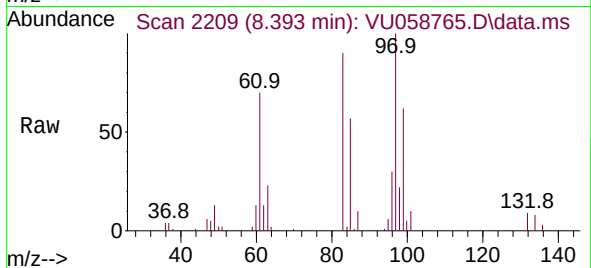




#45
1,1,2-Trichloroethane
Concen: 5.180 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU058765.D
Acq: 22 Apr 2024 12:26

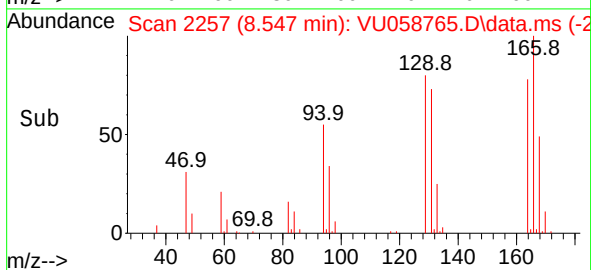
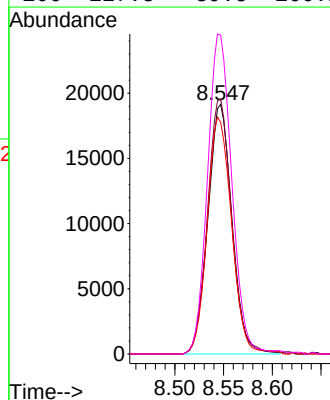
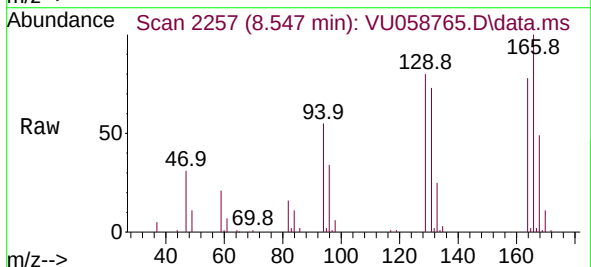
Instrument :
MSVOA_U
ClientSampleId :

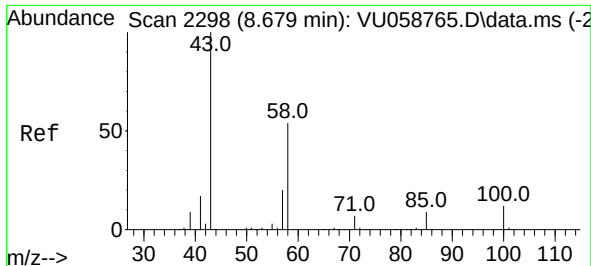
Tgt Ion: 97	Resp: 26762
Ion Ratio	Lower Upper
97 100	
99 62.4	43.7 81.1
83 89.9	62.9 116.9
85 57.0	39.9 74.1



#47
Tetrachloroethene
Concen: 5.246 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058765.D
Acq: 22 Apr 2024 12:26

Tgt	Ion:164	Resp:	32924
Ion	Ratio	Lower	Upper
164	100		
129	102.2	71.5	132.9
131	92.8	65.0	120.6
166	127.8	89.5	166.1



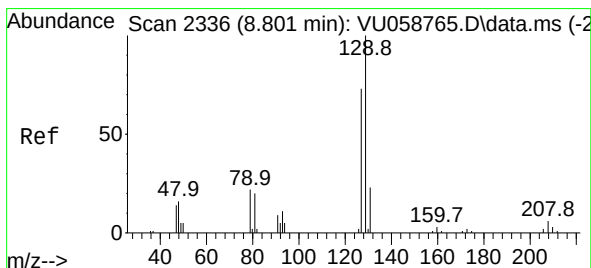
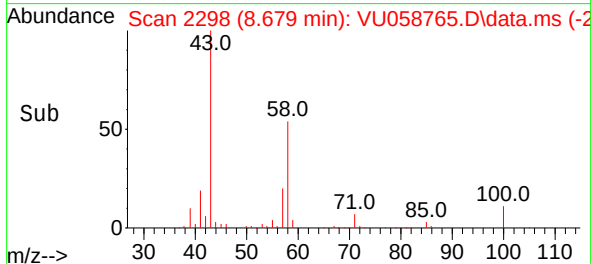
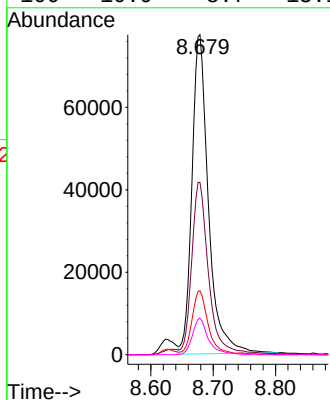
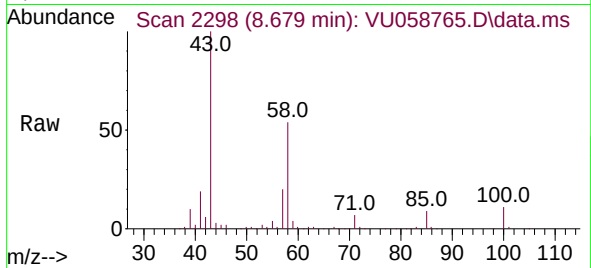


#48
2-Hexanone
Concen: 48.907 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VU058765.D
Acq: 22 Apr 2024 12:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 142376

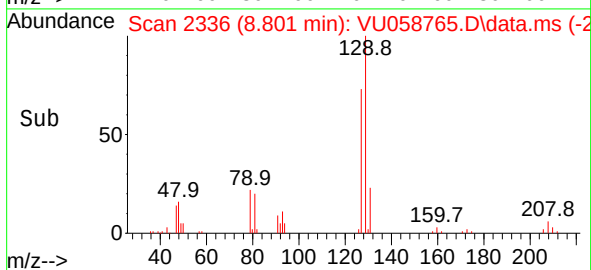
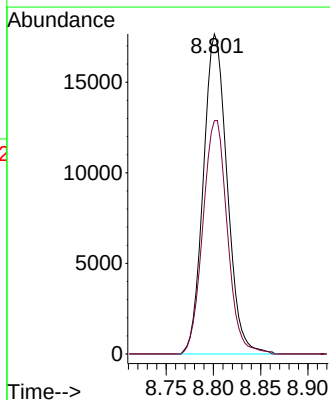
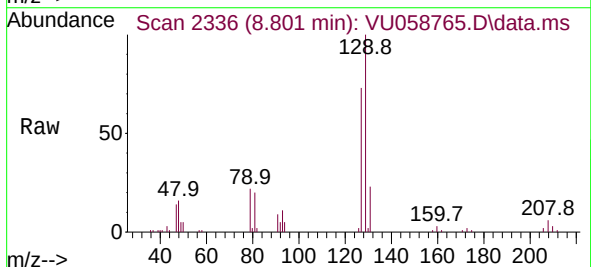
Ion	Ratio	Lower	Upper
43	100		
58	54.6	43.7	65.5
57	18.7	15.0	22.4
100	10.9	8.7	13.1

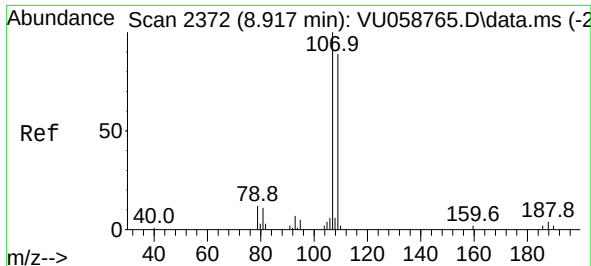


#49
Dibromochloromethane
Concen: 5.187 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU058765.D
Acq: 22 Apr 2024 12:26

Tgt Ion: 129 Resp: 31018

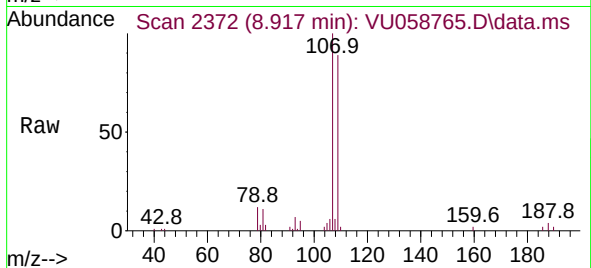
Ion	Ratio	Lower	Upper
129	100		
127	72.9	51.0	94.8



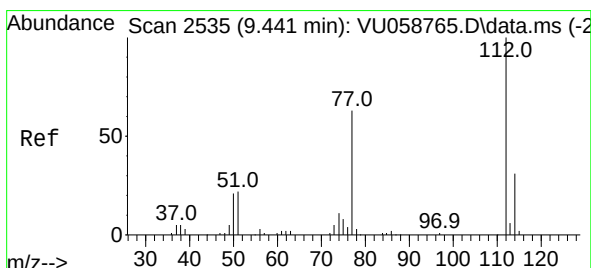
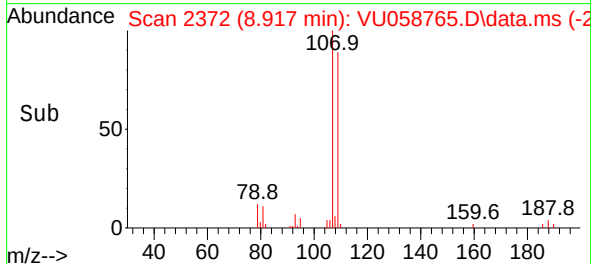
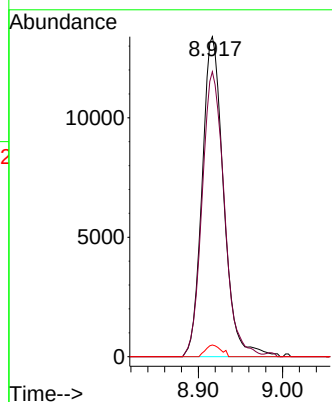


#50
1,2-Dibromoethane
Concen: 5.034 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU058765.D
Acq: 22 Apr 2024 12:26

Instrument :
MSVOA_U
ClientSampleId :

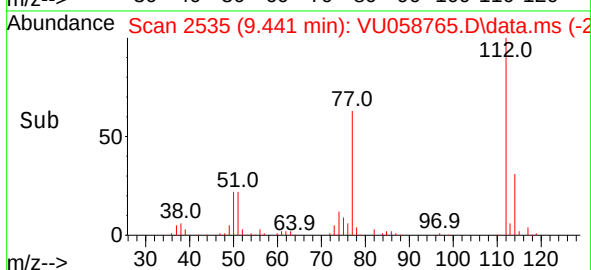
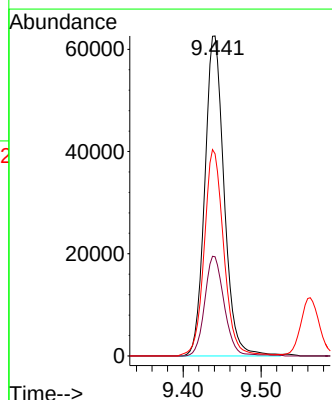
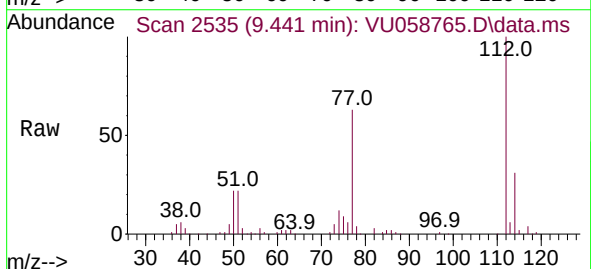


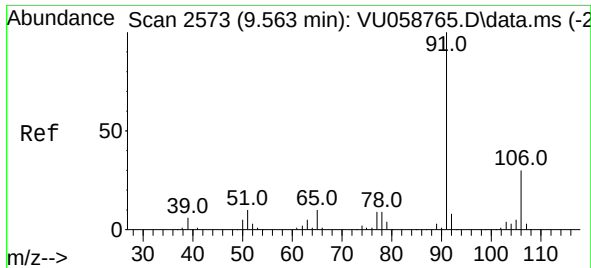
Tgt Ion:107 Resp: 23823
Ion Ratio Lower Upper
107 100
109 89.0 62.3 115.7
188 3.6 2.9 4.3



#51
Chlorobenzene
Concen: 5.058 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU058765.D
Acq: 22 Apr 2024 12:26

Tgt Ion:112 Resp: 107913
Ion Ratio Lower Upper
112 100
114 31.0 21.7 40.3
77 63.1 50.5 75.7

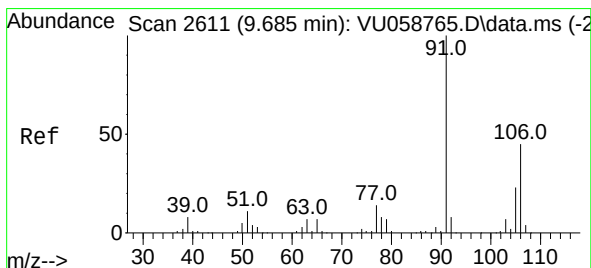
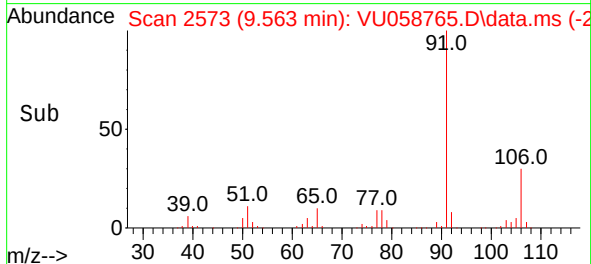
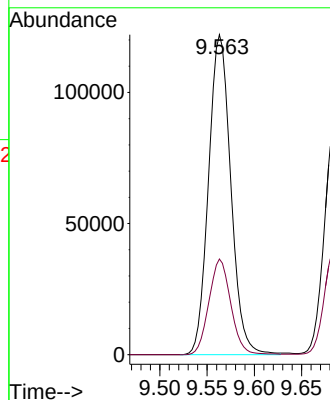
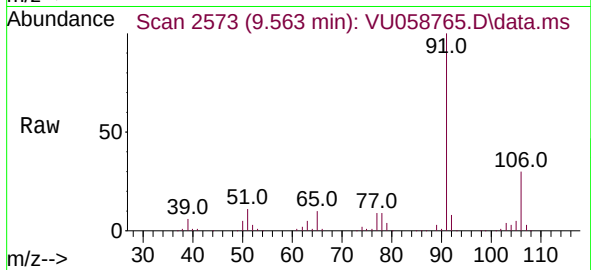




#52
Ethylbenzene
Concen: 5.298 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU058765.D
Acq: 22 Apr 2024 12:26

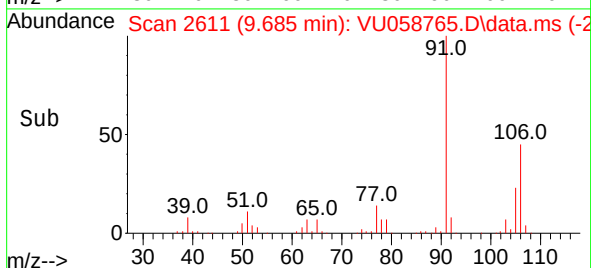
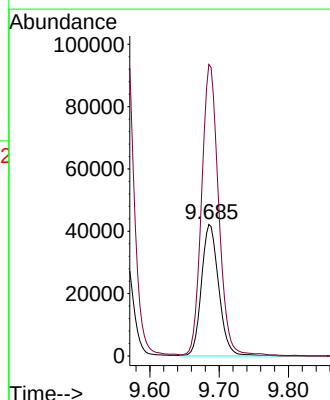
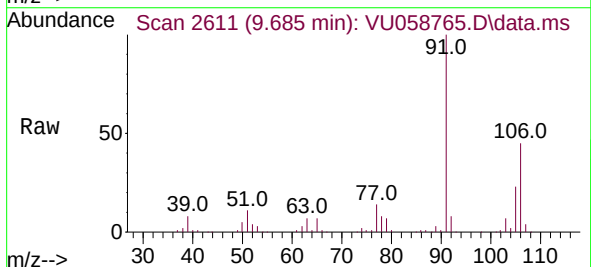
Instrument :
MSVOA_U
ClientSampleId :

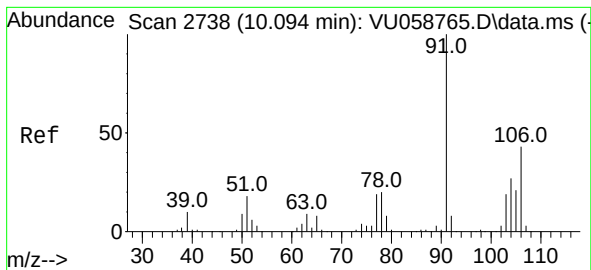
Tgt Ion: 91 Resp: 199703
Ion Ratio Lower Upper
91 100
106 29.9 20.9 38.9



#53
m,p-Xylene
Concen: 5.412 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU058765.D
Acq: 22 Apr 2024 12:26

Tgt Ion: 106 Resp: 72978
Ion Ratio Lower Upper
106 100
91 221.6 155.1 288.1





#54

o-Xylene

Concen: 5.264 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. 0.000 min

Lab File: VU058765.D

Acq: 22 Apr 2024 12:26

Instrument :

MSVOA_U

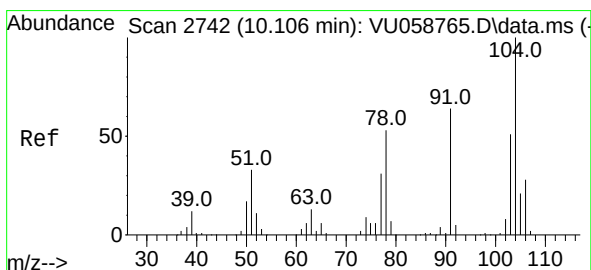
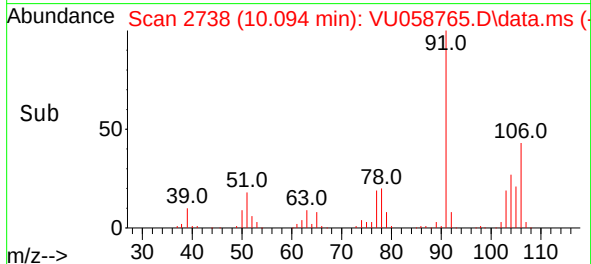
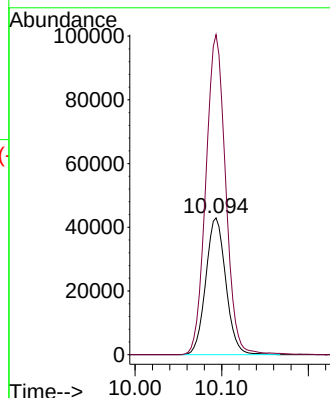
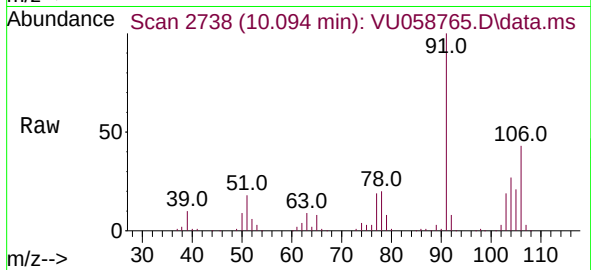
ClientSampleId :

Tgt Ion:106 Resp: 69183

Ion Ratio Lower Upper

106 100

91 233.9 163.7 304.1



#55

Styrene

Concen: 5.422 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU058765.D

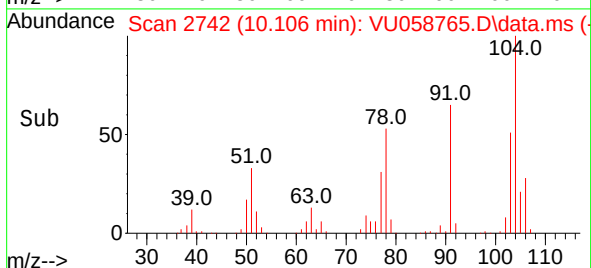
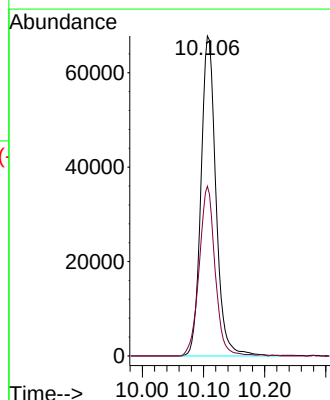
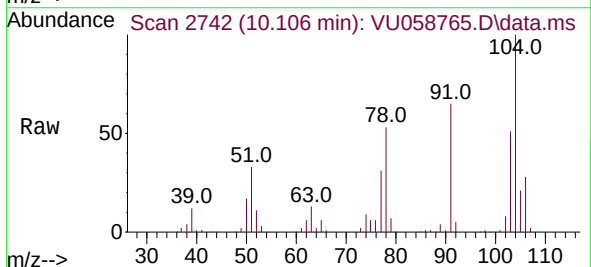
Acq: 22 Apr 2024 12:26

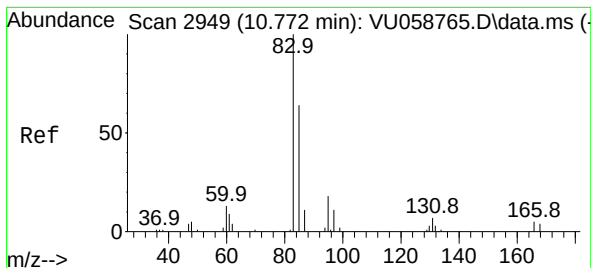
Tgt Ion:104 Resp: 115526

Ion Ratio Lower Upper

104 100

78 53.0 37.1 68.9





#57

1,1,2,2-Tetrachloroethane

Concen: 4.776 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU058765.D

Acq: 22 Apr 2024 12:26

Instrument :

MSVOA_U

ClientSampleId :

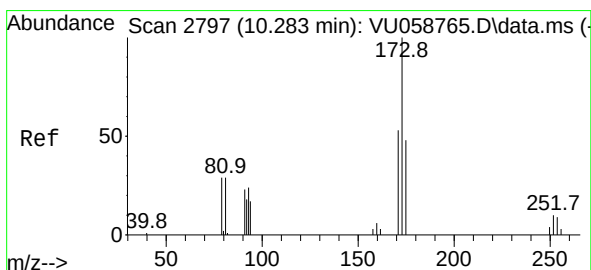
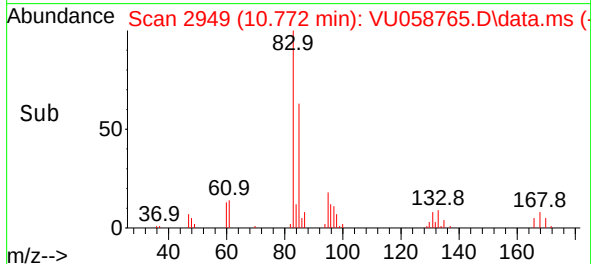
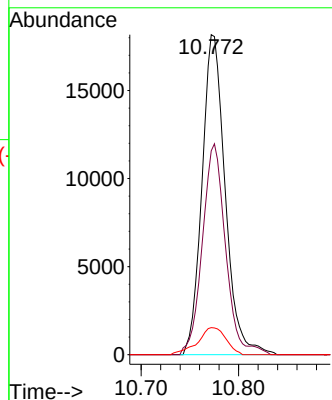
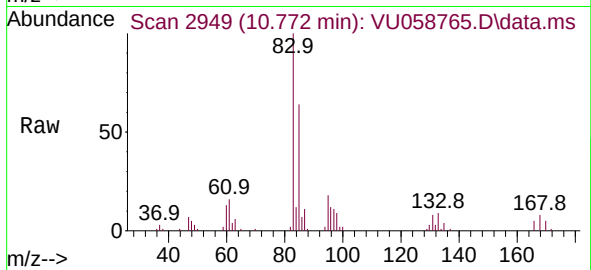
Tgt Ion: 83 Resp: 30046

Ion Ratio Lower Upper

83 100

85 63.7 44.6 82.8

131 8.4 6.7 10.1



#59

Bromoform

Concen: 5.364 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU058765.D

Acq: 22 Apr 2024 12:26

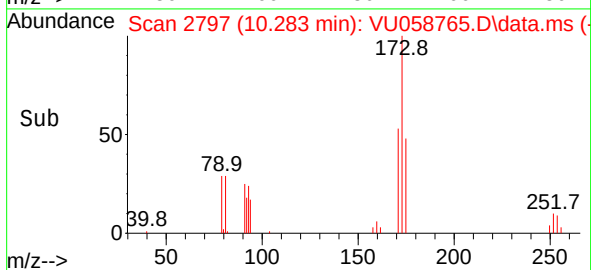
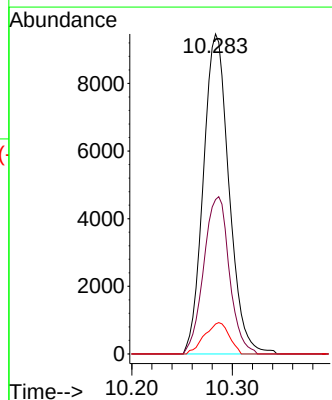
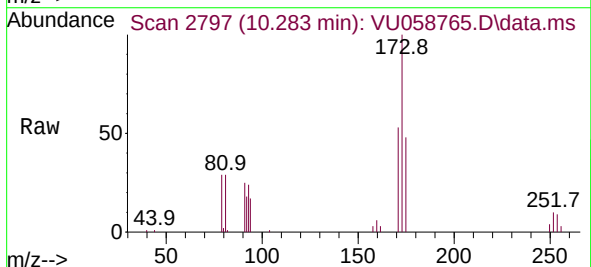
Tgt Ion:173 Resp: 16733

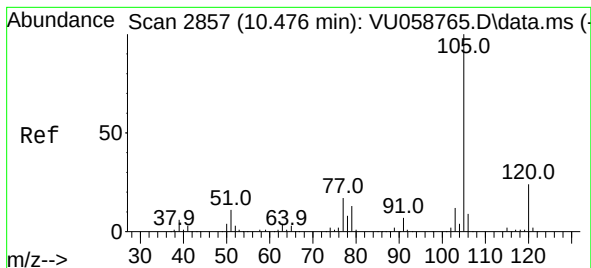
Ion Ratio Lower Upper

173 100

175 49.1 39.3 58.9

254 9.4 7.5 11.3





#60

Isopropylbenzene

Concen: 5.603 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU058765.D

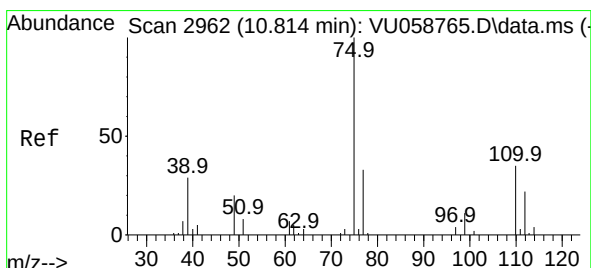
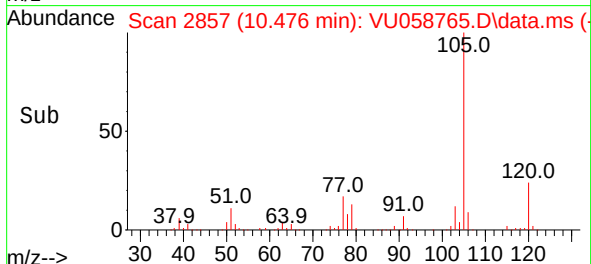
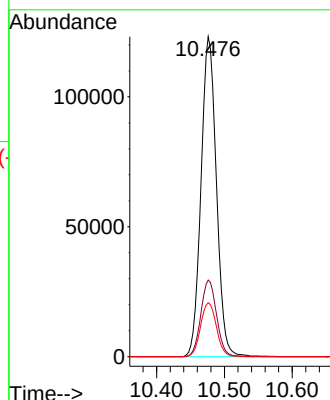
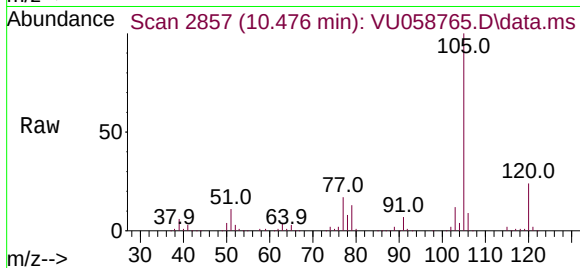
Acq: 22 Apr 2024 12:26

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	194149
Ion Ratio	Lower	Upper	
105	100		
120	24.5	19.6	29.4
77	17.3	13.8	20.8



#61

1,2,3-Trichloropropane

Concen: 4.788 ug/L

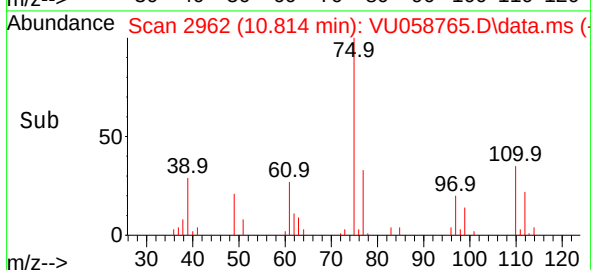
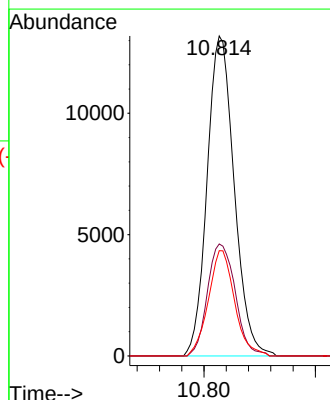
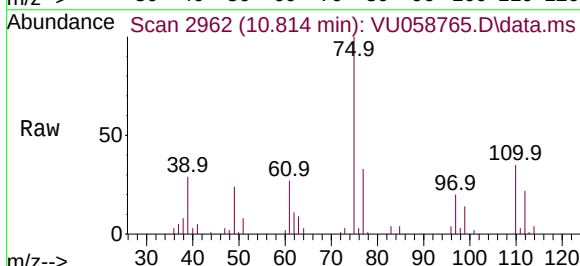
RT: 10.814 min Scan# 2962

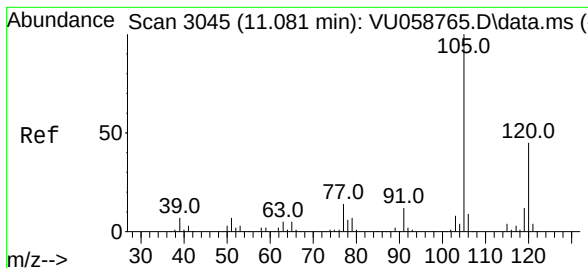
Delta R.T. 0.000 min

Lab File: VU058765.D

Acq: 22 Apr 2024 12:26

Tgt Ion:	75	Resp:	22265
Ion Ratio	Lower	Upper	
75	100		
110	35.8	28.6	43.0
77	31.8	25.4	38.2





#62

1,3,5-Trimethylbenzene

Concen: 5.667 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU058765.D

Acq: 22 Apr 2024 12:26

Instrument :

MSVOA_U

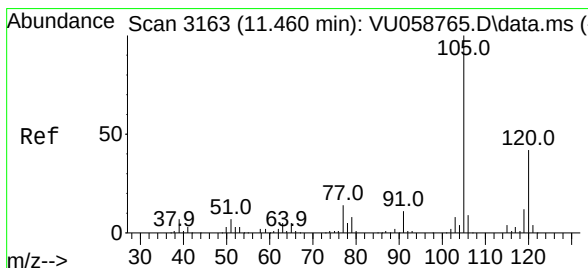
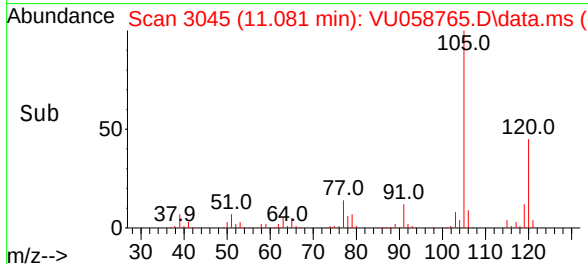
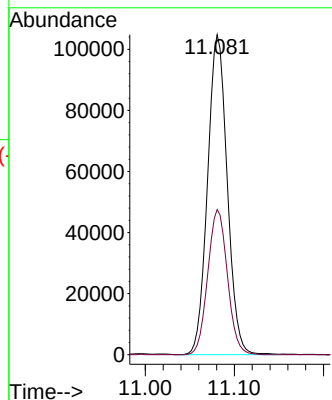
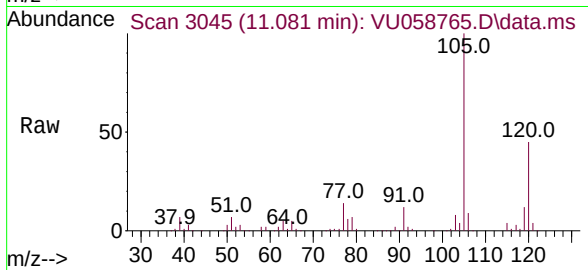
ClientSampleId :

Tgt Ion:105 Resp: 160545

Ion Ratio Lower Upper

105 100

120 45.3 36.2 54.4



#63

1,2,4-Trimethylbenzene

Concen: 5.472 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU058765.D

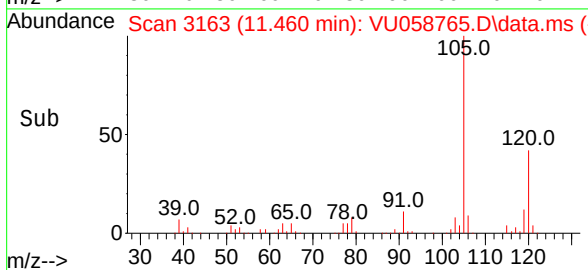
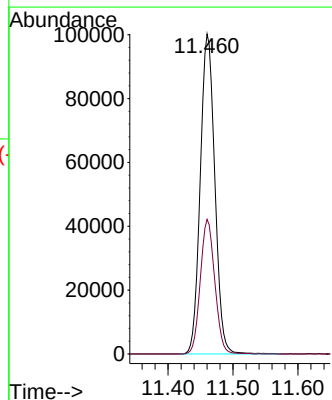
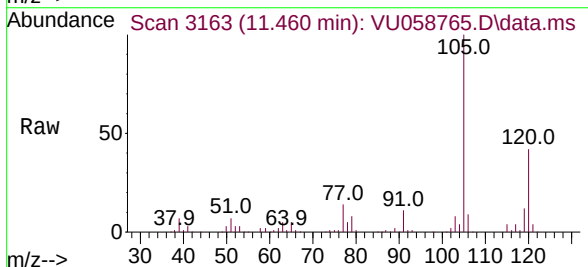
Acq: 22 Apr 2024 12:26

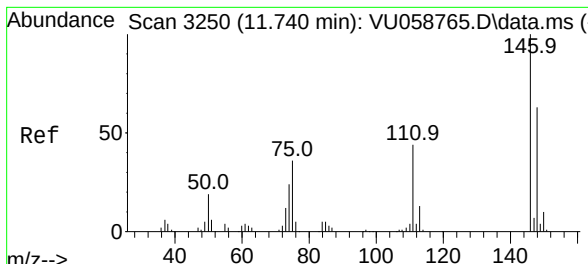
Tgt Ion:105 Resp: 156494

Ion Ratio Lower Upper

105 100

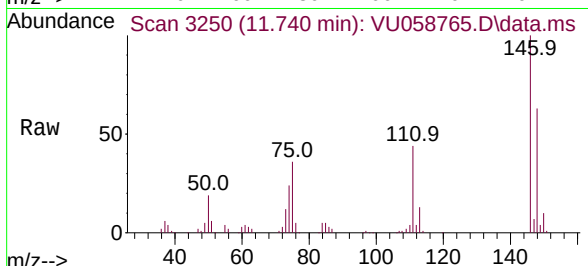
120 41.7 33.4 50.0



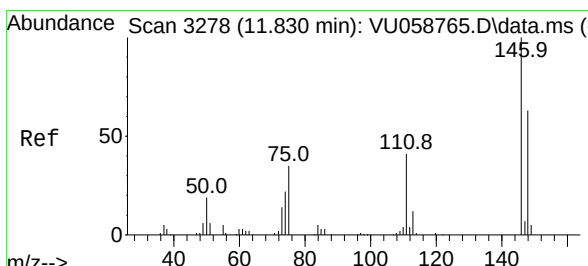
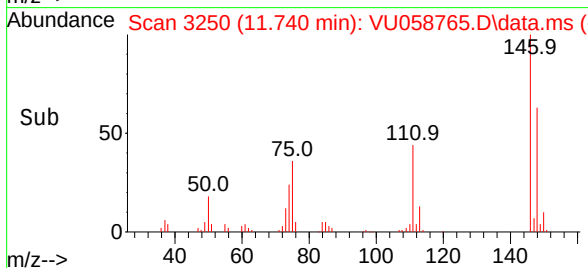
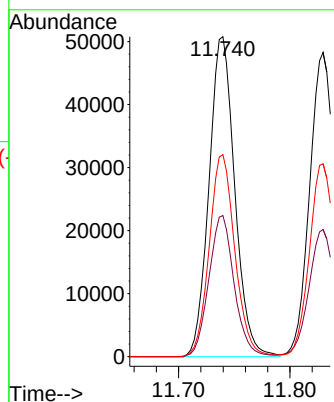


#64
 1,3-Dichlorobenzene
 Concen: 4.937 ug/L
 RT: 11.740 min Scan# 3250
 Delta R.T. 0.000 min
 Lab File: VU058765.D
 Acq: 22 Apr 2024 12:26

Instrument :
 MSVOA_U
 ClientSampleId :

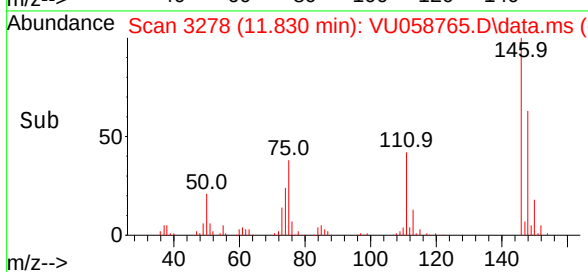
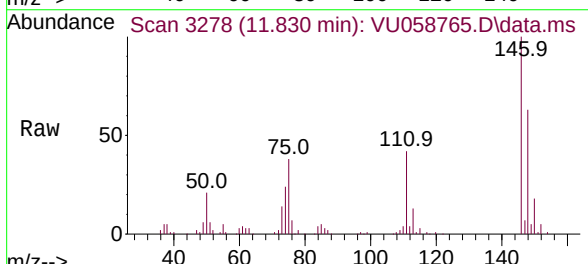
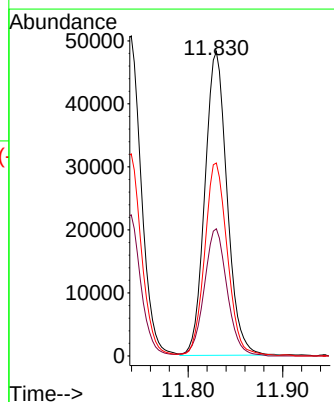


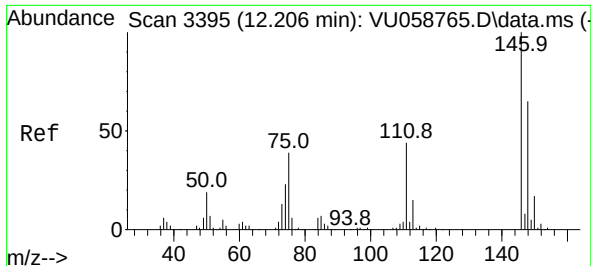
Tgt Ion:146 Resp: 81453
 Ion Ratio Lower Upper
 146 100
 111 44.1 30.9 57.3
 148 63.1 44.2 82.0



#65
 1,4-Dichlorobenzene
 Concen: 4.894 ug/L
 RT: 11.830 min Scan# 3278
 Delta R.T. 0.000 min
 Lab File: VU058765.D
 Acq: 22 Apr 2024 12:26

Tgt Ion:146 Resp: 78805
 Ion Ratio Lower Upper
 146 100
 111 41.8 29.3 54.3
 148 63.4 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 4.776 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU058765.D

Acq: 22 Apr 2024 12:26

Instrument :

MSVOA_U

ClientSampleId :

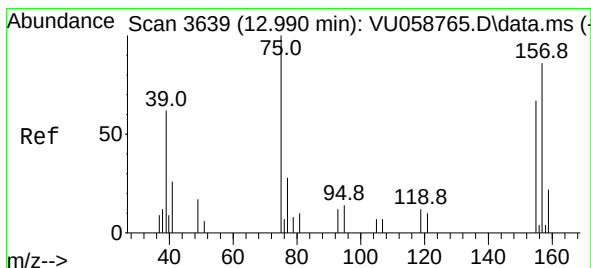
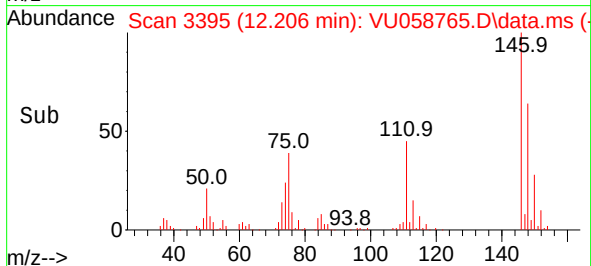
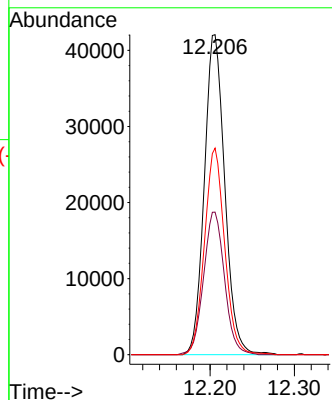
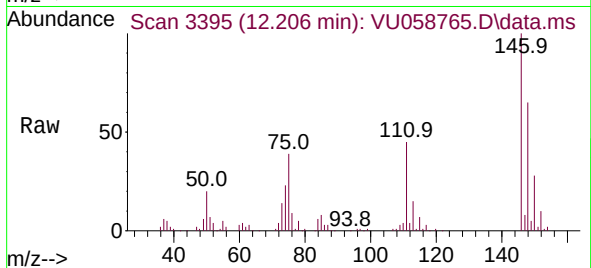
Tgt Ion:146 Resp: 71130

Ion Ratio Lower Upper

146 100

111 44.6 35.7 53.5

148 64.5 51.6 77.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.592 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU058765.D

Acq: 22 Apr 2024 12:26

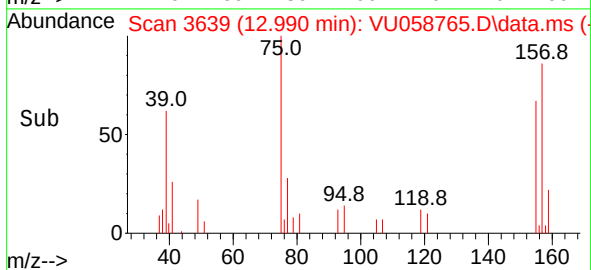
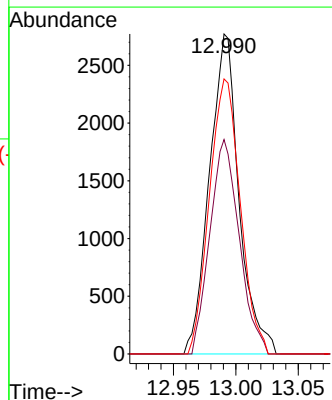
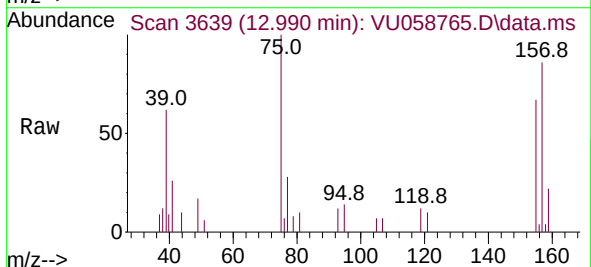
Tgt Ion: 75 Resp: 4576

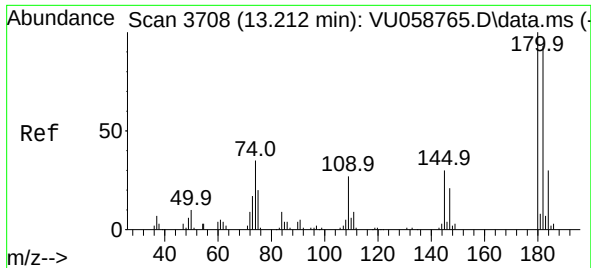
Ion Ratio Lower Upper

75 100

155 67.0 53.6 80.4

157 85.9 68.7 103.1





#69

1,3,5-Trichlorobenzene

Concen: 4.864 ug/L

RT: 13.212 min Scan# 31

Delta R.T. 0.000 min

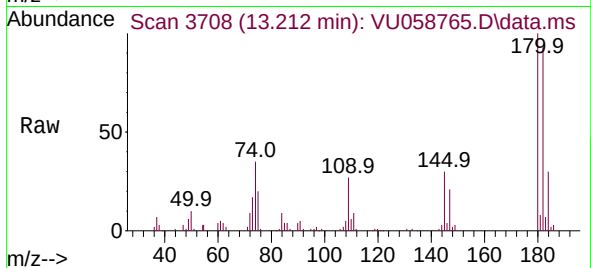
Lab File: VU058765.D

Acq: 22 Apr 2024 12:26

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 59127

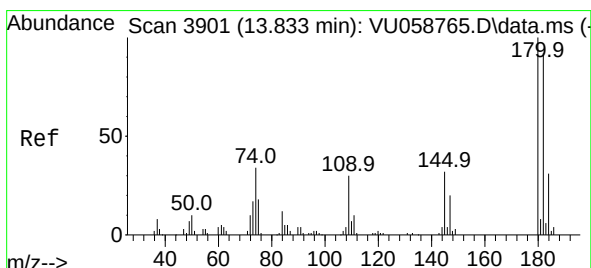
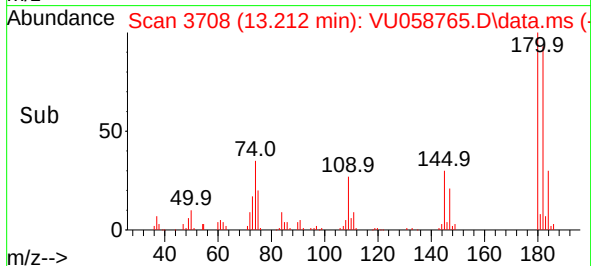
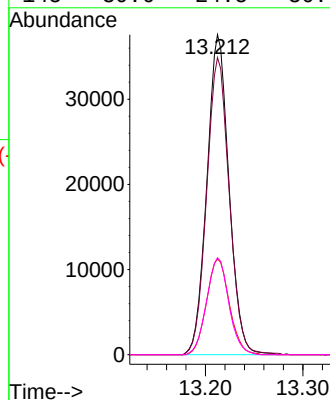
Ion Ratio Lower Upper

180 100

182 94.9 75.9 113.9

184 30.9 24.7 37.1

145 30.6 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 4.301 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU058765.D

Acq: 22 Apr 2024 12:26

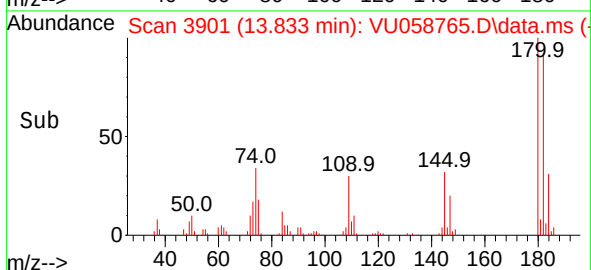
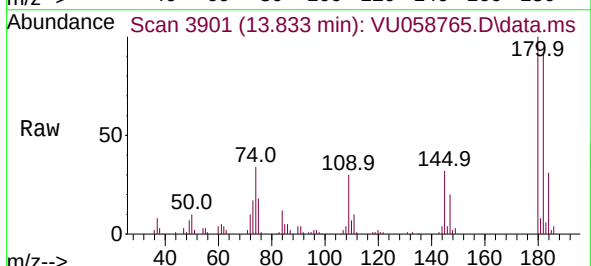
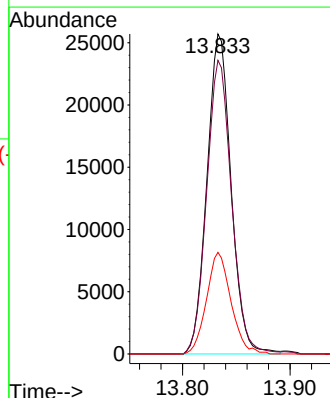
Tgt Ion:180 Resp: 40066

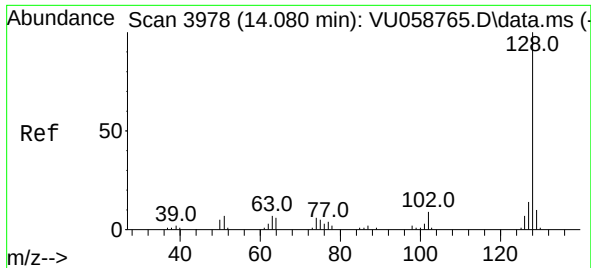
Ion Ratio Lower Upper

180 100

182 94.9 75.9 113.9

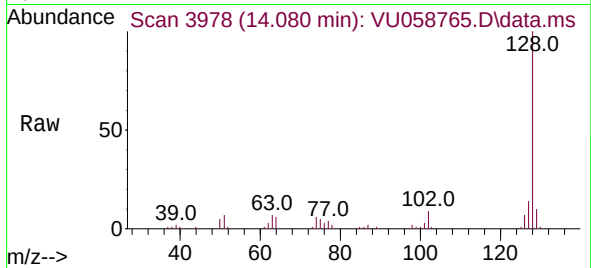
145 32.1 25.7 38.5



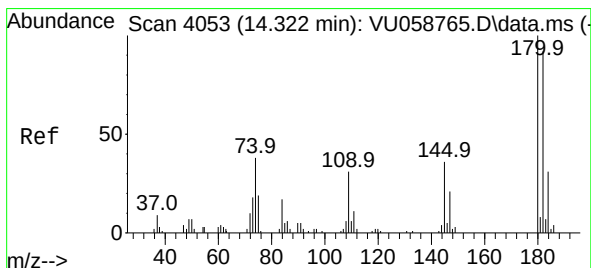
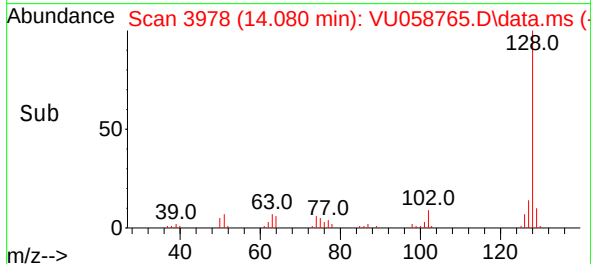
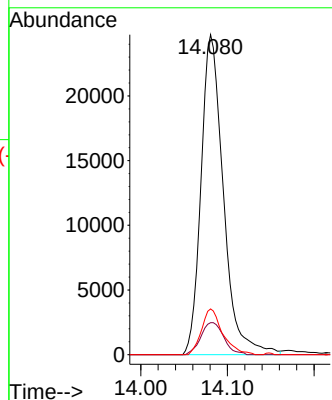


#71
Naphthalene
Concen: 3.512 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU058765.D
Acq: 22 Apr 2024 12:26

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 44429
Ion Ratio Lower Upper
128 100
129 10.3 8.2 12.4
127 13.5 10.8 16.2



#72
1,2,3-Trichlorobenzene
Concen: 4.161 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU058765.D
Acq: 22 Apr 2024 12:26

Tgt Ion:180 Resp: 31842
Ion Ratio Lower Upper
180 100
182 93.8 75.0 112.6
145 34.5 27.6 41.4

