

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U070824\
 Data File : U059874.D
 Acq On : 08 Jul 2024 11:34
 Operator : MD/SY
 Sample : P3137-03MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 09 02:34:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 09 02:28:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	143052	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	145774	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	74664	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	42379	4.260	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.200%
7) Chloroethane-d5	1.907	69	38624	4.035	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.800%
11) 1,1-Dichloroethene-d2	2.557	65	16423	3.980	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.600%
20) 2-Butanone-d5	4.637	46	88407	43.147	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.300%
24) Chloroform-d	5.055	84	93497	4.579	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.695	65	44280	4.502	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	5.721	84	175367	4.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.682	67	56289	4.579	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.894	98	156860	4.206	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	8.177	79	13139	3.413	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.200%
46) 2-Hexanone-d5	8.630	63	82934	51.851	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.700%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	50912	5.012	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	60098	4.522	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	47302	3.902	ug/L	98
3) Chloromethane	1.515	50	68545	5.254	ug/L	99
5) Vinyl chloride	1.599	62	73893	5.127	ug/L	99
6) Bromomethane	1.853	94	37359	3.728	ug/L	93
8) Chloroethane	1.927	64	46647	5.372	ug/L	99
9) Trichlorofluoromethane	2.129	101	85263	4.915	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	45610	4.153	ug/L	93
12) 1,1-Dichloroethene	2.570	96	52141	5.139	ug/L	84
13) Acetone	2.653	43	53139	39.980	ug/L	94
14) Carbon disulfide	2.785	76	153094	4.523	ug/L	100
15) Methyl Acetate	2.959	43	8206	2.340	ug/L #	78
16) Methylene chloride	3.036	84	63725	5.300	ug/L	90
17) Methyl tert-butyl Ether	3.357	73	115277	5.273	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	53497	5.070	ug/L	90
19) 1,1-Dichloroethane	3.859	63	105647	5.430	ug/L	95
21) 2-Butanone	4.714	43	94641	44.393	ug/L	91
22) cis-1,2-Dichloroethene	4.660	96	60687	5.218	ug/L	93
23) Bromochloromethane	4.968	128	29770	5.615	ug/L	89
25) Chloroform	5.081	83	109956	5.365	ug/L	99

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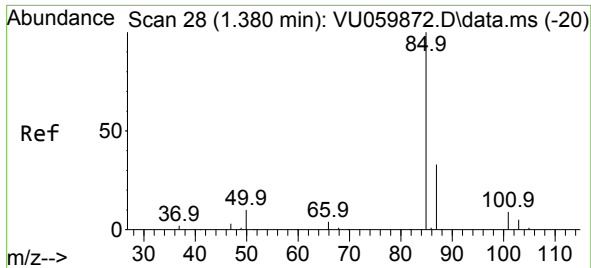
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	63147	5.085	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	86013	5.110	ug/L	98
30) Cyclohexane	5.380	56	60662	4.082	ug/L	95
31) Carbon tetrachloride	5.518	117	70139	4.976	ug/L	98
33) Benzene	5.766	78	236510	5.343	ug/L	100
34) Trichloroethene	6.537	95	58598	4.888	ug/L	97
35) Methylcyclohexane	6.756	83	61818	3.624	ug/L	96
37) 1,2-Dichloropropane	6.785	63	63040	5.503	ug/L #	97
38) Bromodichloromethane	7.100	83	78262	5.473	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	52724	3.365	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	289727	54.580	ug/L	96
42) Toluene	7.965	91	249000	5.313	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	43126	3.430	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	48054	5.692	ug/L	96
47) Tetrachloroethene	8.547	164	45583	4.900	ug/L	95
48) 2-Hexanone	8.679	43	209987	55.428	ug/L #	94
49) Dibromochloromethane	8.804	129	52041	5.565	ug/L	97
50) 1,2-Dibromoethane	8.920	107	43145	5.534	ug/L	98
51) Chlorobenzene	9.441	112	153464	5.163	ug/L	96
52) Ethylbenzene	9.566	91	234897	4.886	ug/L	94
53) m,p-Xylene	9.688	106	91092	4.933	ug/L	99
54) o-Xylene	10.097	106	90176	5.146	ug/L	94
55) Styrene	10.110	104	154665	5.185	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.775	83	57912	5.655	ug/L	97
59) Bromoform	10.286	173	31890	5.581	ug/L	99
60) Isopropylbenzene	10.479	105	224422	4.866	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	37853	5.486	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	170264	4.660	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	164275	4.702	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	120795	5.149	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	119018	4.929	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	113062	5.122	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	7579	5.632	ug/L	88
69) 1,3,5-Trichlorobenzene	13.216	180	80856	4.656	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	64978	4.878	ug/L	98
71) Naphthalene	14.084	128	93460	4.902	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	62460	5.050	ug/L	98

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

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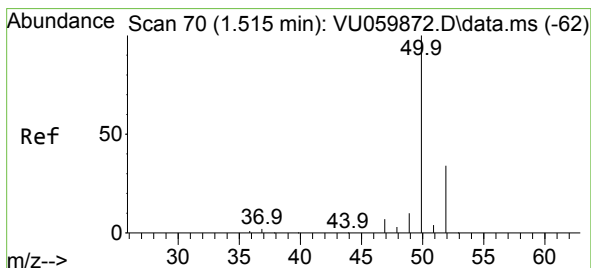
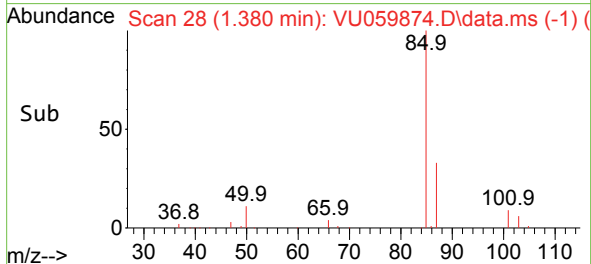
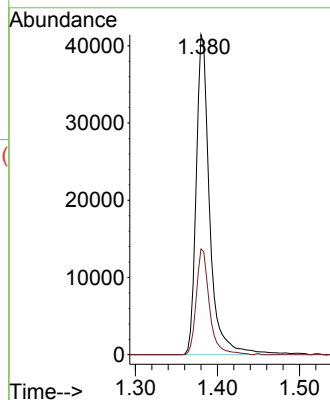
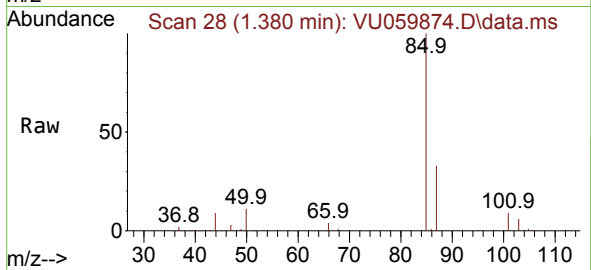




#2
Dichlorodifluoromethane
Concen: 3.902 ug/L
RT: 1.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU059874.D
Acq: 08 Jul 2024 11:34

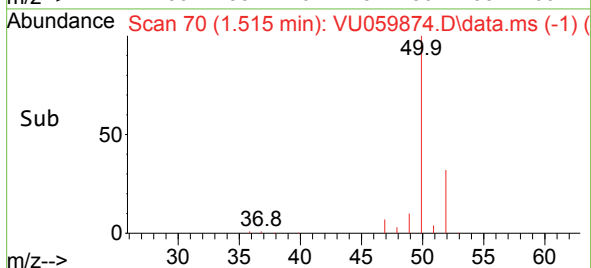
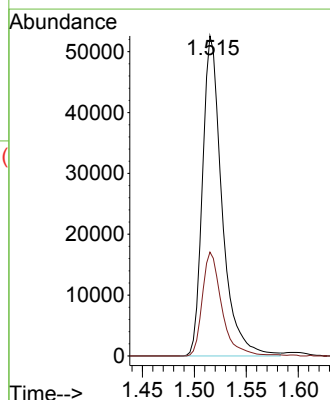
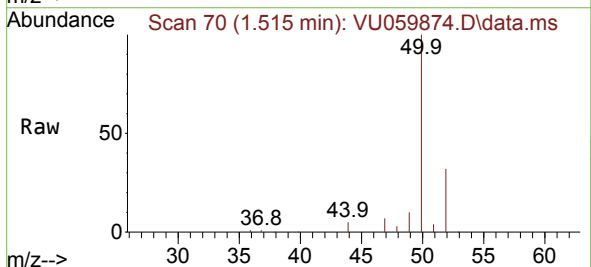
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MSVOA_U
ClientSampleId :

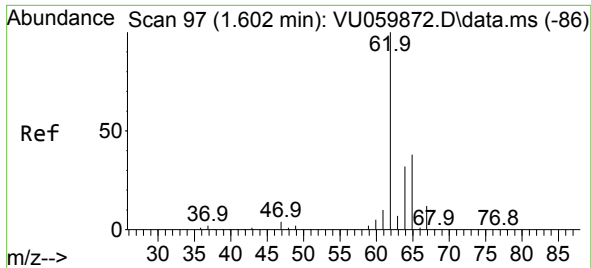
Tgt Ion: 85 Resp: 47302
Ion Ratio Lower Upper
85 100
87 32.2 26.6 40.0



#3
Chloromethane
Concen: 5.254 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU059874.D
Acq: 08 Jul 2024 11:34

Tgt Ion: 50 Resp: 68545
Ion Ratio Lower Upper
50 100
52 32.5 23.2 43.0

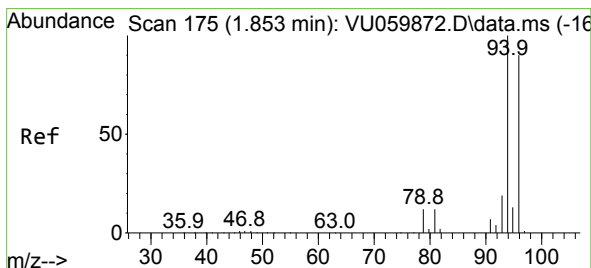
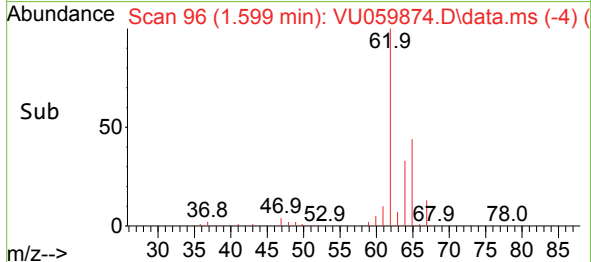
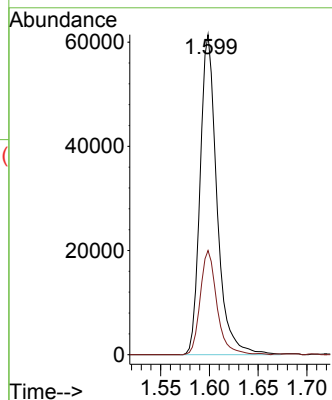
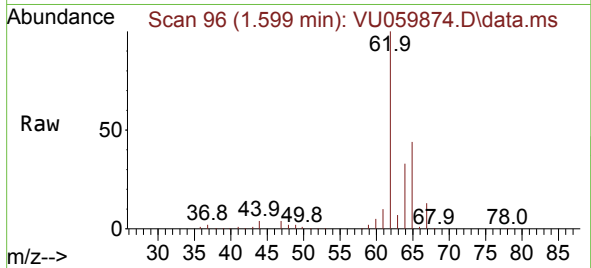




#5
 Vinyl chloride
 Concen: 5.127 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU059874.D
 Acq: 08 Jul 2024 11:34

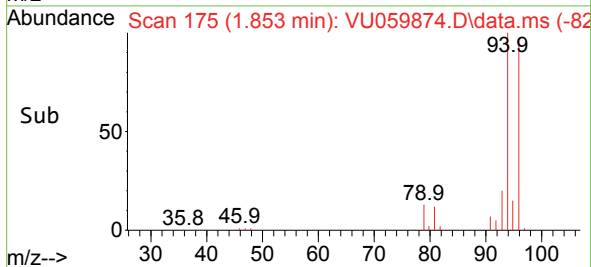
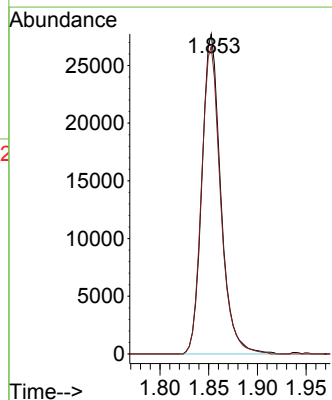
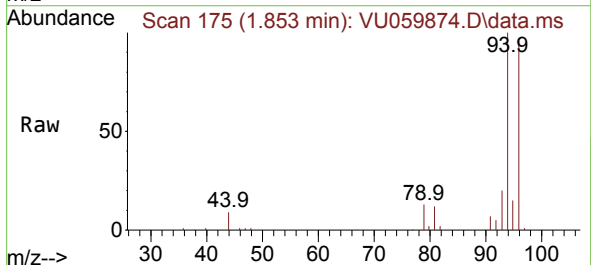
Instrument :
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 ClientSampleId :

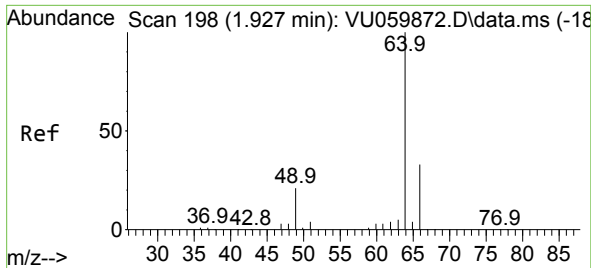
Tgt Ion: 62 Resp: 73893
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.1 42.9



#6
 Bromomethane
 Concen: 3.728 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU059874.D
 Acq: 08 Jul 2024 11:34

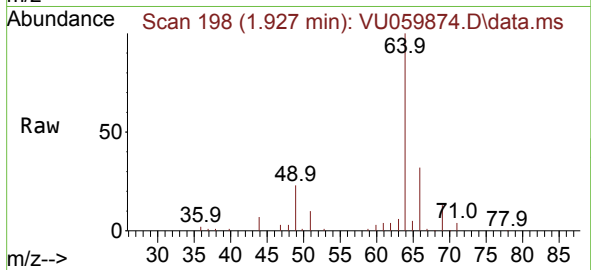
Tgt Ion: 94 Resp: 37359
 Ion Ratio Lower Upper
 94 100
 96 96.1 62.9 116.9



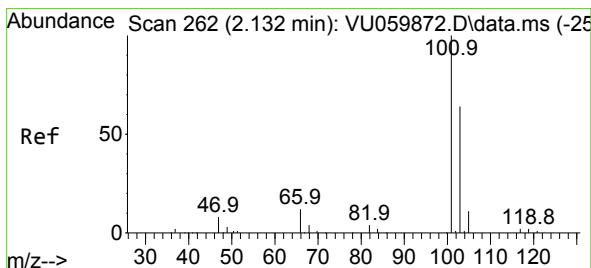
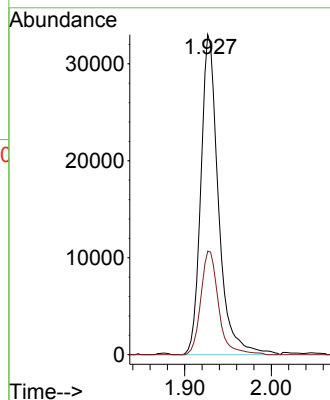
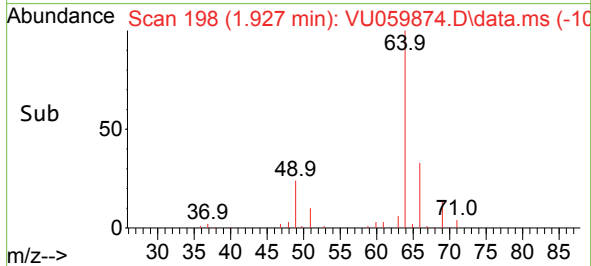


#8
Chloroethane
Concen: 5.372 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU059874.D
Acq: 08 Jul 2024 11:34

Instrument :
MSVOA_U
ClientSampleId :

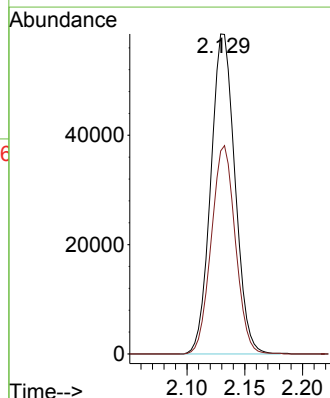
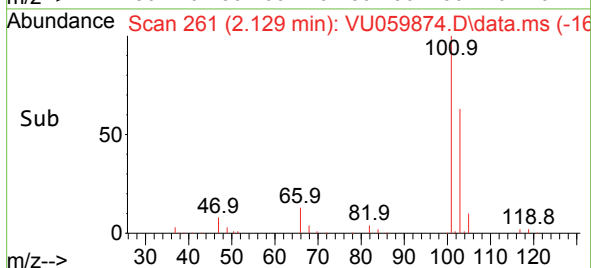
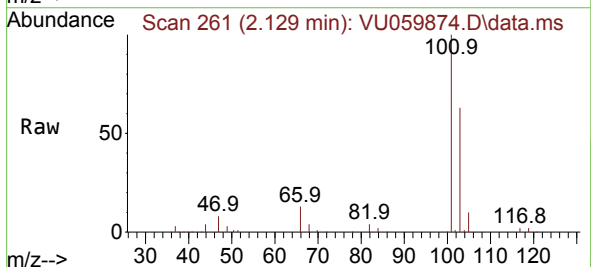


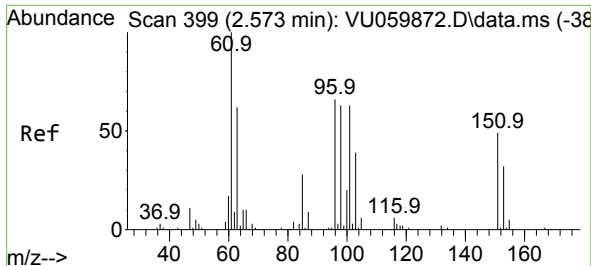
Tgt Ion: 64 Resp: 46647
Ion Ratio Lower Upper
64 100
66 32.4 23.2 43.2



#9
Trichlorofluoromethane
Concen: 4.915 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.003 min
Lab File: VU059874.D
Acq: 08 Jul 2024 11:34

Tgt Ion: 101 Resp: 85263
Ion Ratio Lower Upper
101 100
103 64.7 52.6 79.0

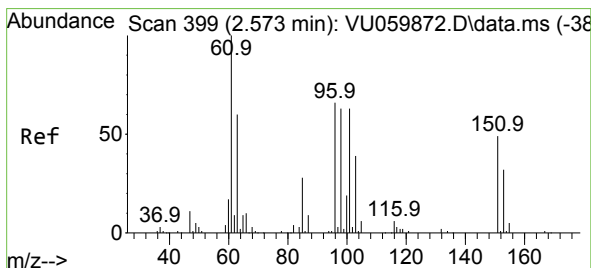
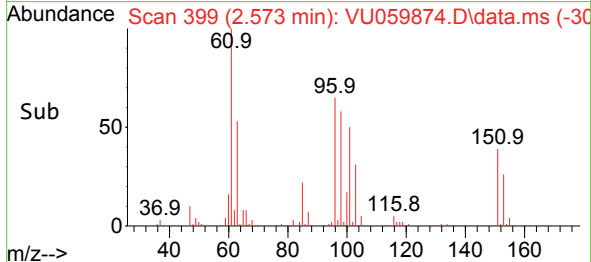
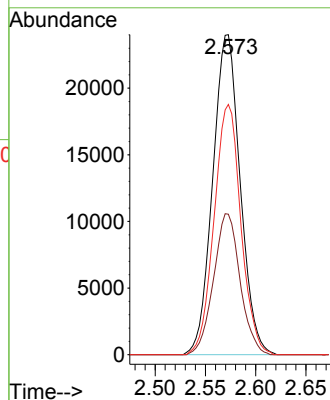
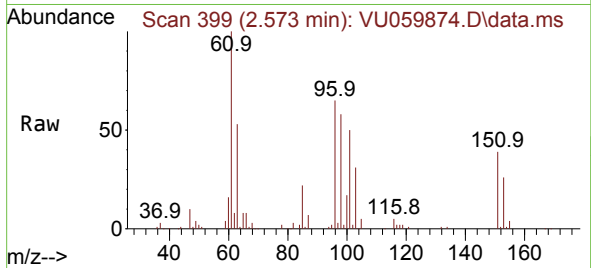




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.153 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU059874.D
Acq: 08 Jul 2024 11:34

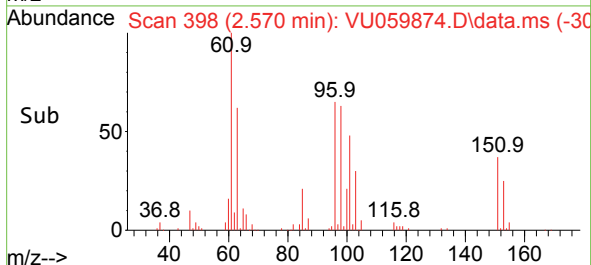
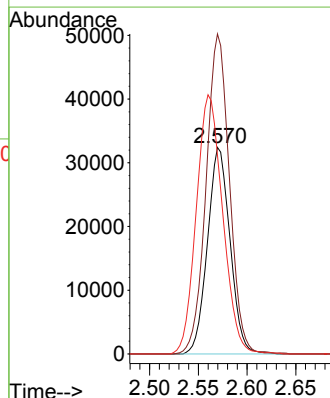
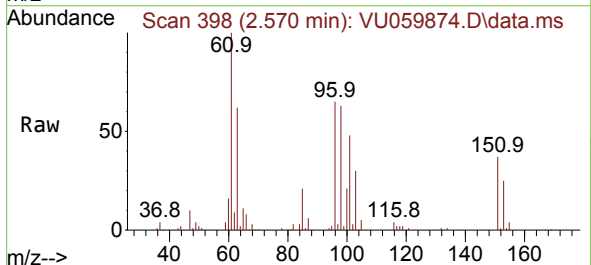
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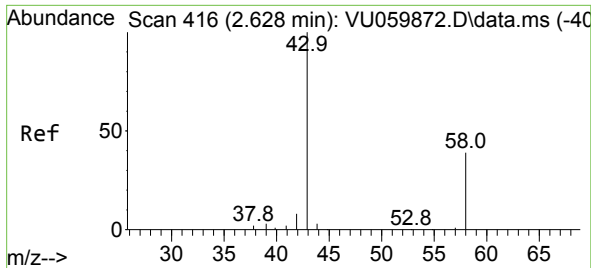
Tgt Ion:101 Resp: 45610
Ion Ratio Lower Upper
101 100
85 42.6 36.2 54.4
151 76.2 55.5 83.3



#12
1,1-Dichloroethene
Concen: 5.139 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU059874.D
Acq: 08 Jul 2024 11:34

Tgt Ion: 96 Resp: 52141
Ion Ratio Lower Upper
96 100
61 154.9 122.9 228.3
63 96.2 80.4 149.4





#13

Acetone

Concen: 39.980 ug/L

RT: 2.653 min Scan# 41

Delta R.T. 0.026 min

Lab File: VU059874.D

Acq: 08 Jul 2024 11:34

Instrument :

MSVOA_U

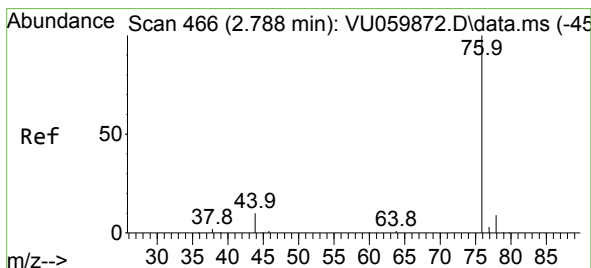
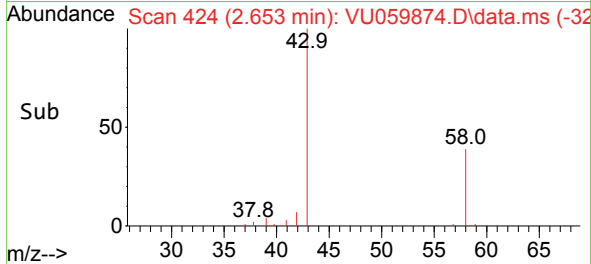
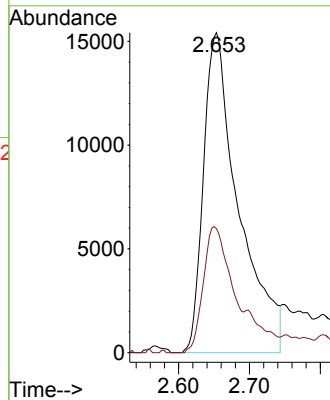
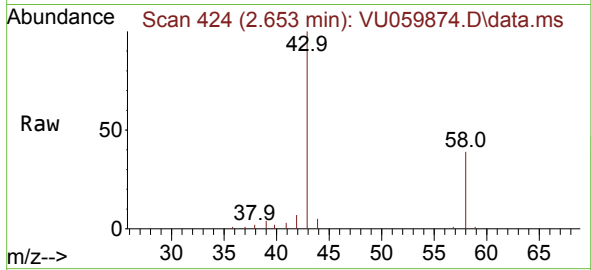
ClientSampleId :

Tgt Ion: 43 Resp: 53139

Ion Ratio Lower Upper

43 100

58 30.8 0.0 68.0



#14

Carbon disulfide

Concen: 4.523 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU059874.D

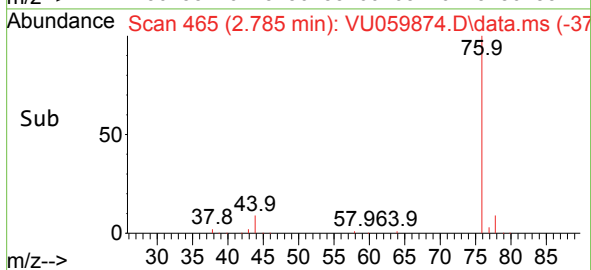
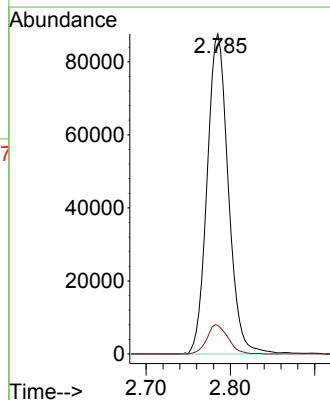
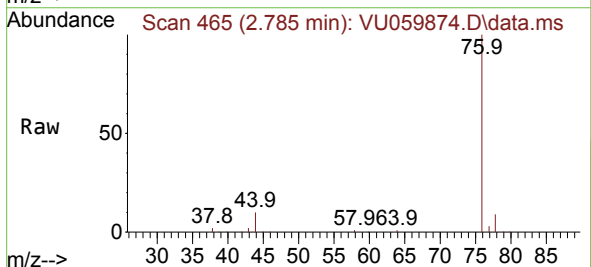
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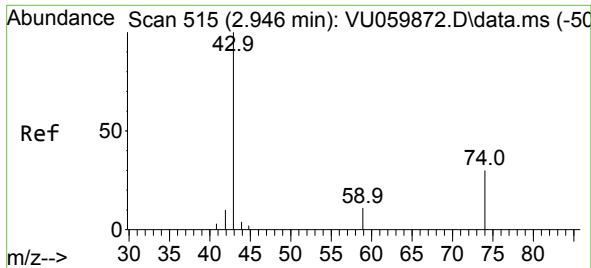
Tgt Ion: 76 Resp: 153094

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

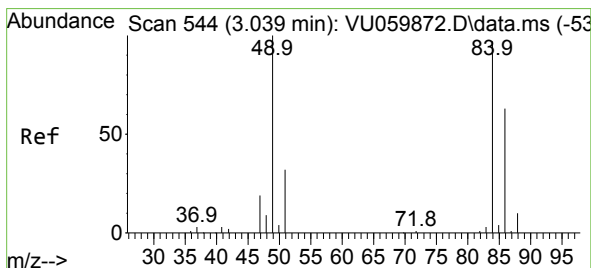
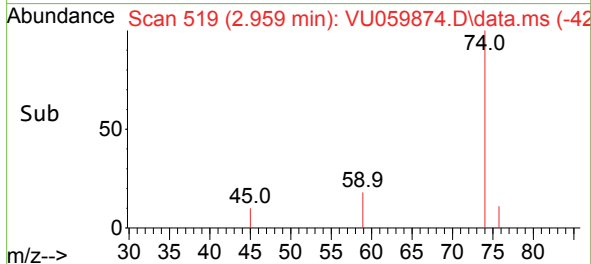
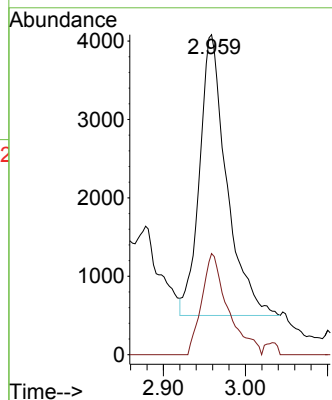
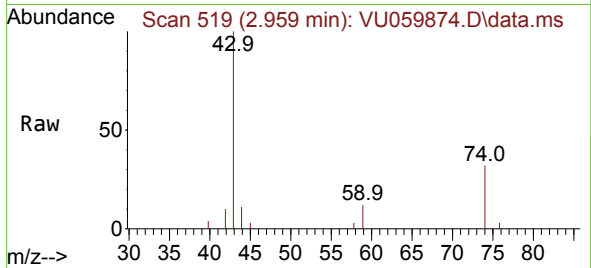




#15
Methyl Acetate
Concen: 2.340 ug/L
RT: 2.959 min Scan# 515
Delta R.T. 0.013 min
Lab File: VU059874.D
Acq: 08 Jul 2024 11:34

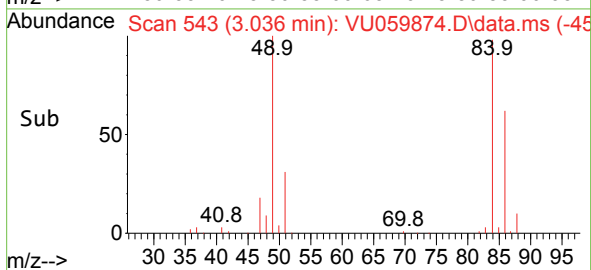
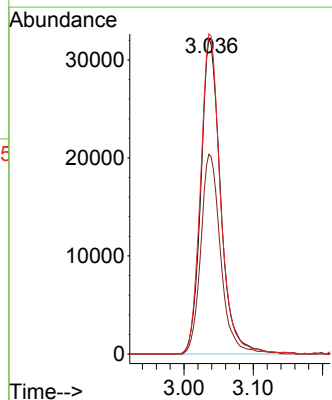
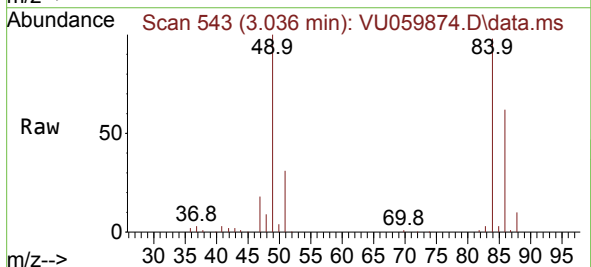
Instrument :
MSVOA_U
ClientSampleId :

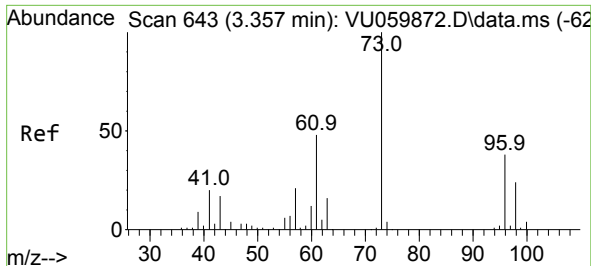
Tgt Ion: 43 Resp: 8206
Ion Ratio Lower Upper
43 100
74 34.8 19.2 28.8#



#16
Methylene chloride
Concen: 5.300 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU059874.D
Acq: 08 Jul 2024 11:34

Tgt Ion: 84 Resp: 63725
Ion Ratio Lower Upper
84 100
86 63.4 42.1 78.1
49 101.6 80.6 149.8

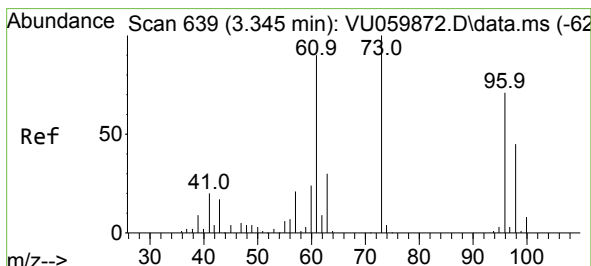
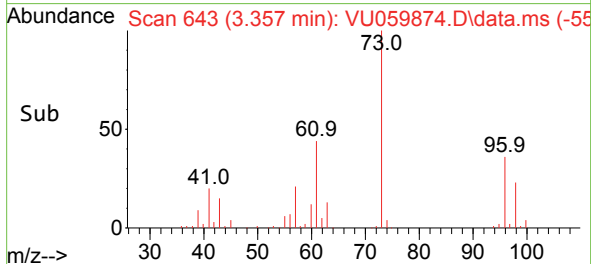
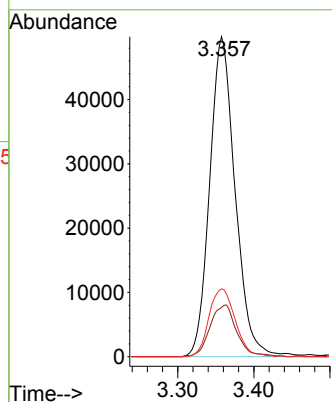
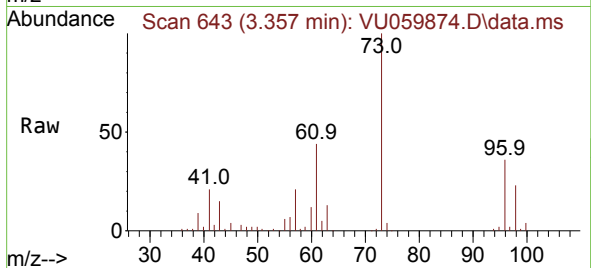




#17
Methyl tert-butyl Ether
Concen: 5.273 ug/L
RT: 3.357 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU059874.D
Acq: 08 Jul 2024 11:34

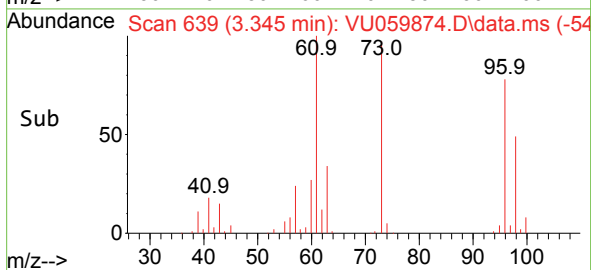
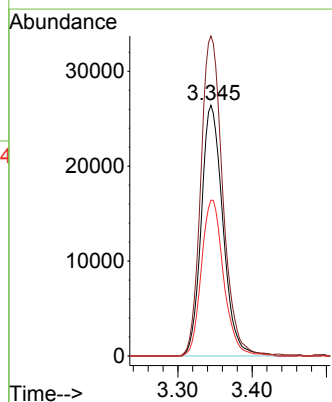
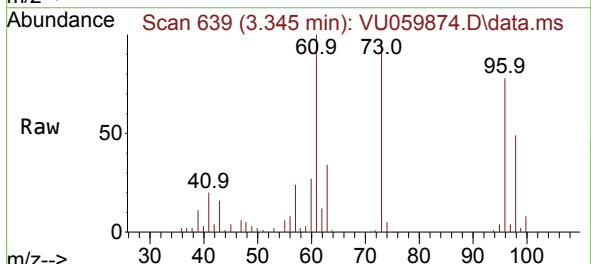
Instrument :
MSVOA_U
ClientSampleId :

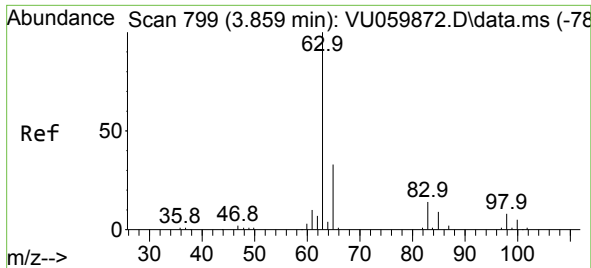
Tgt Ion: 73 Resp: 115277
Ion Ratio Lower Upper
73 100
43 17.0 14.9 22.3
57 22.0 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 5.070 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU059874.D
Acq: 08 Jul 2024 11:34

Tgt Ion: 96 Resp: 53497
Ion Ratio Lower Upper
96 100
61 127.6 101.8 189.0
98 62.2 43.3 80.5

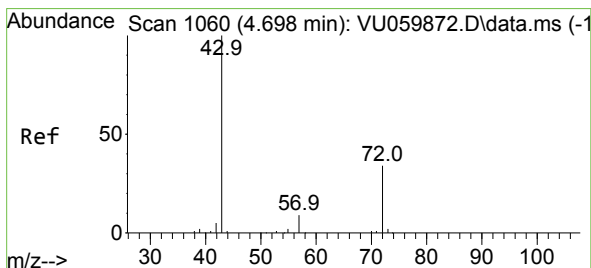
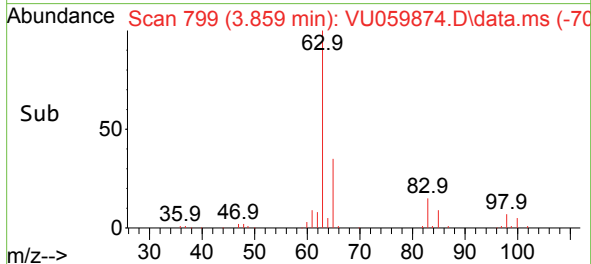
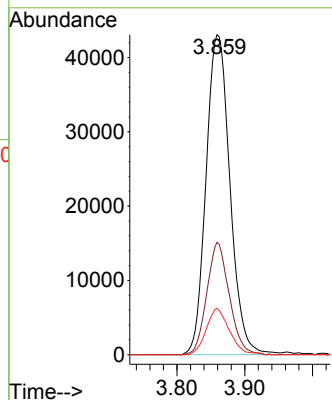
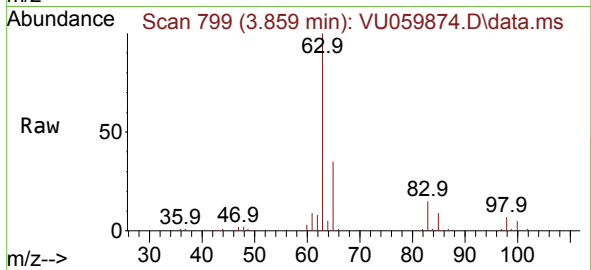




#19
1,1-Dichloroethane
Concen: 5.430 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU059874.D
Acq: 08 Jul 2024 11:34

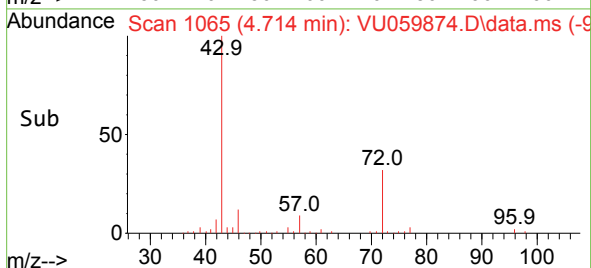
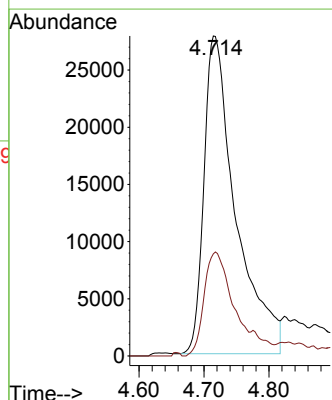
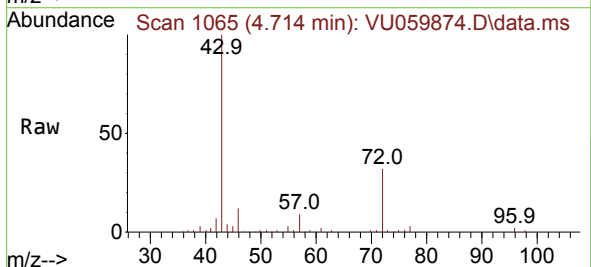
Instrument :
MSVOA_U
ClientSampleId :

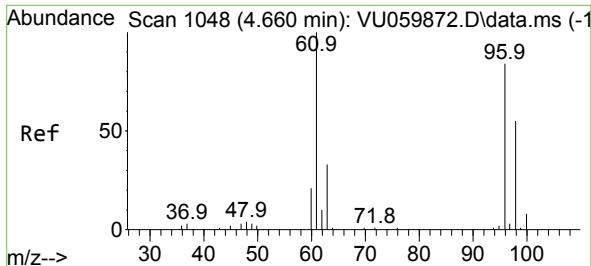
Tgt Ion: 63 Resp: 105647
Ion Ratio Lower Upper
63 100
65 35.1 21.8 40.6
83 14.5 9.9 18.5



#21
2-Butanone
Concen: 44.393 ug/L
RT: 4.714 min Scan# 1065
Delta R.T. 0.016 min
Lab File: VU059874.D
Acq: 08 Jul 2024 11:34

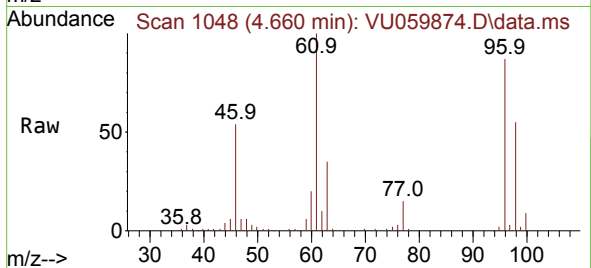
Tgt Ion: 43 Resp: 94641
Ion Ratio Lower Upper
43 100
72 32.4 13.8 41.4



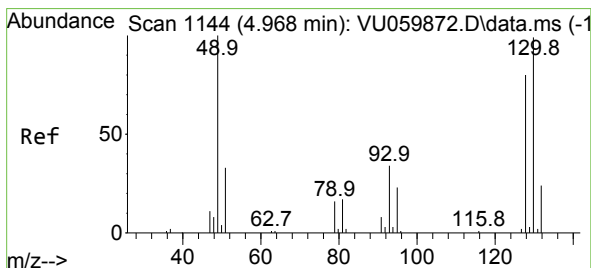
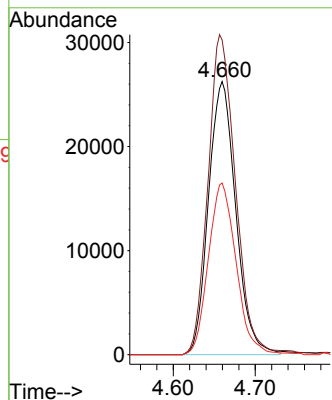
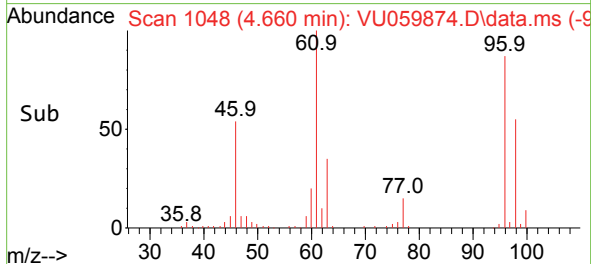


#22
 cis-1,2-Dichloroethene
 Concen: 5.218 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU059874.D
 Acq: 08 Jul 2024 11:34

Instrument :
 MSVOA_U
 ClientSampleId :

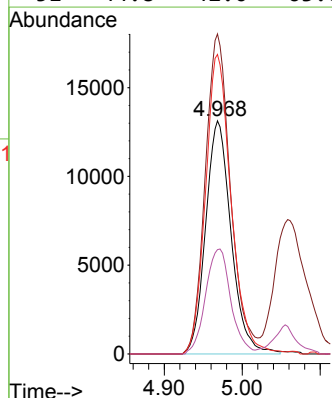
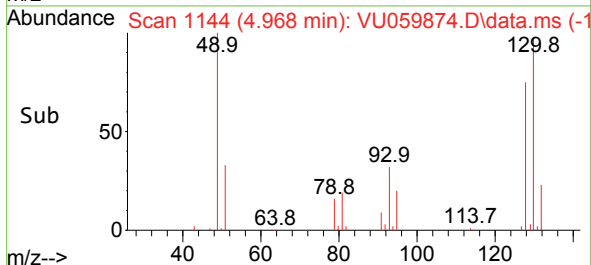
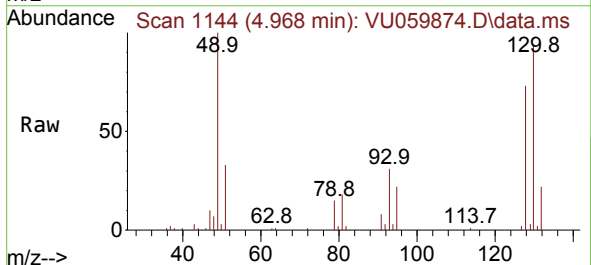


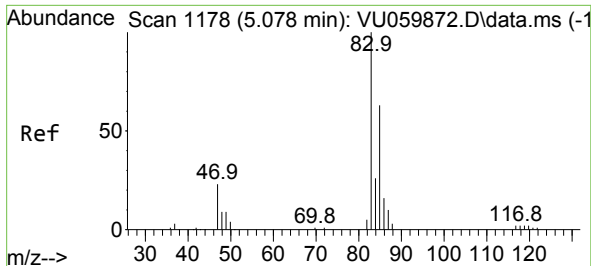
Tgt Ion: 96 Resp: 60687
 Ion Ratio Lower Upper
 96 100
 61 115.2 87.4 162.2
 98 62.9 42.3 78.5



#23
 Bromochloromethane
 Concen: 5.615 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: VU059874.D
 Acq: 08 Jul 2024 11:34

Tgt Ion: 128 Resp: 29770
 Ion Ratio Lower Upper
 128 100
 49 141.9 117.0 217.4
 130 128.5 89.6 166.4
 51 44.8 42.0 63.0





#25

Chloroform

Concen: 5.365 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU059874.D

Acq: 08 Jul 2024 11:34

Instrument :

MSVOA_U

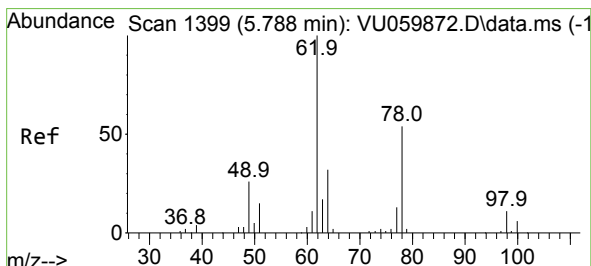
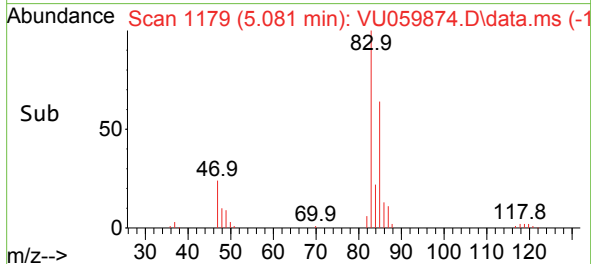
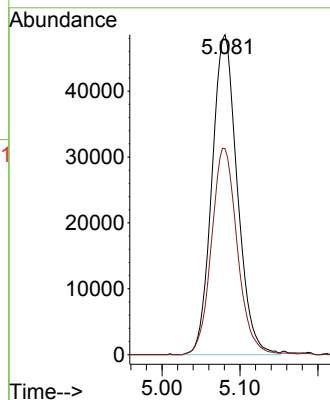
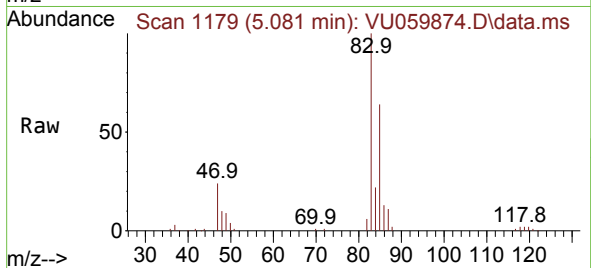
ClientSampleId :

Tgt Ion: 83 Resp: 109956

Ion Ratio Lower Upper

83 100

85 64.4 44.7 83.1



#27

1,2-Dichloroethane

Concen: 5.085 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU059874.D

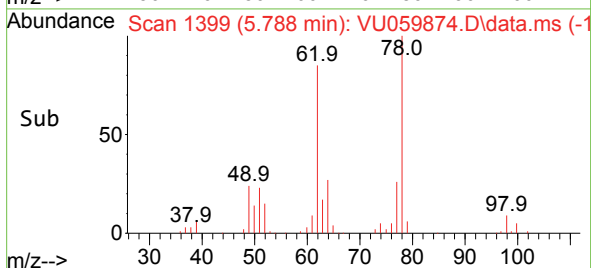
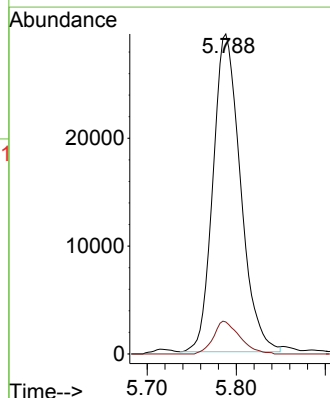
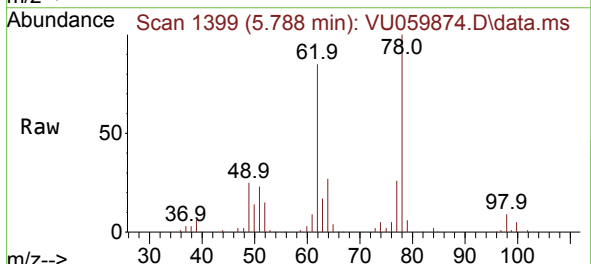
Acq: 08 Jul 2024 11:34

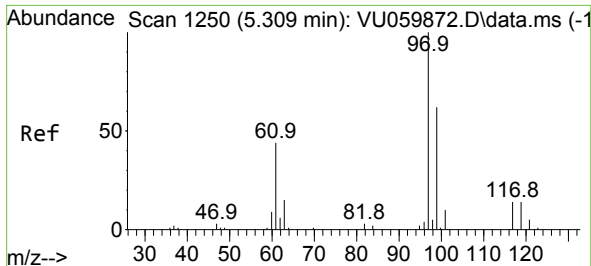
Tgt Ion: 62 Resp: 63147

Ion Ratio Lower Upper

62 100

98 10.0 7.5 11.3





#29

1,1,1-Trichloroethane

Concen: 5.110 ug/L

RT: 5.309 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU059874.D

Acq: 08 Jul 2024 11:34

Instrument :

MSVOA_U

ClientSampleId :

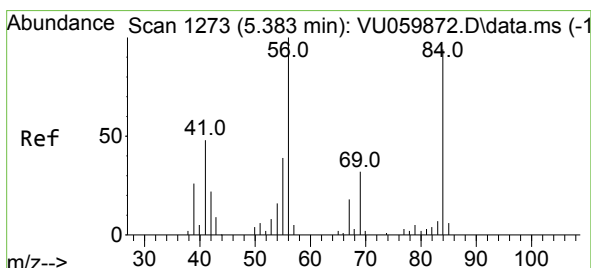
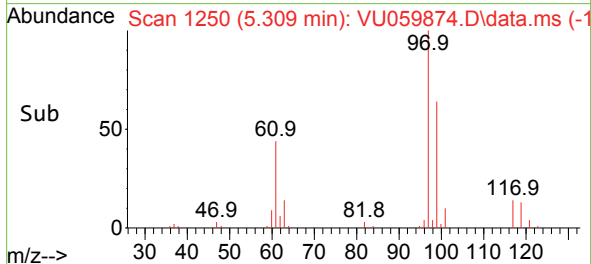
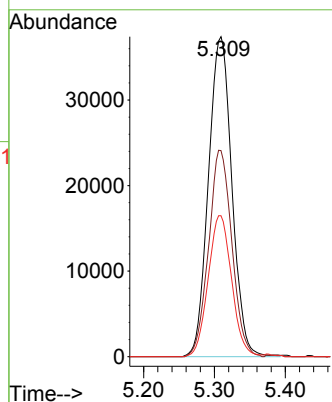
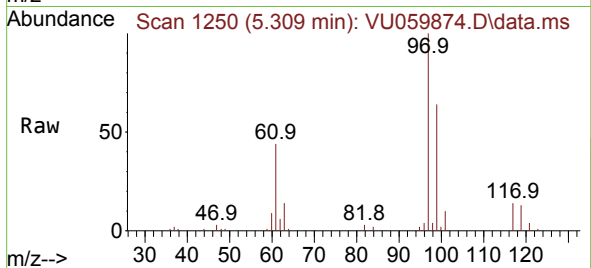
Tgt Ion: 97 Resp: 86013

Ion Ratio Lower Upper

97 100

99 64.0 51.8 77.6

61 44.0 37.4 56.2



#30

Cyclohexane

Concen: 4.082 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. -0.003 min

Lab File: VU059874.D

Acq: 08 Jul 2024 11:34

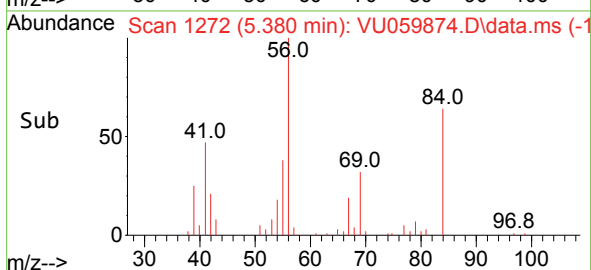
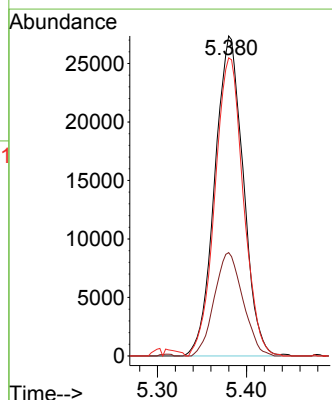
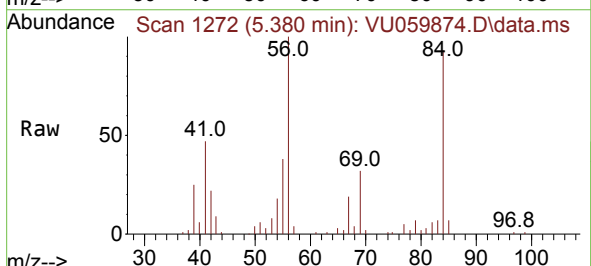
Tgt Ion: 56 Resp: 60662

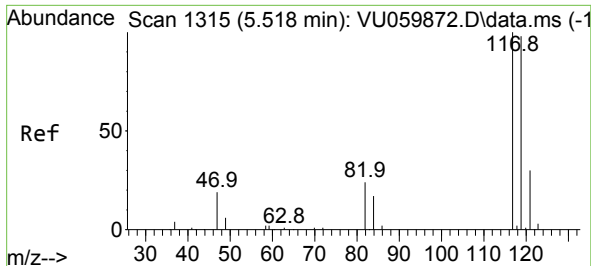
Ion Ratio Lower Upper

56 100

69 32.4 24.8 37.2

84 93.0 69.8 104.8

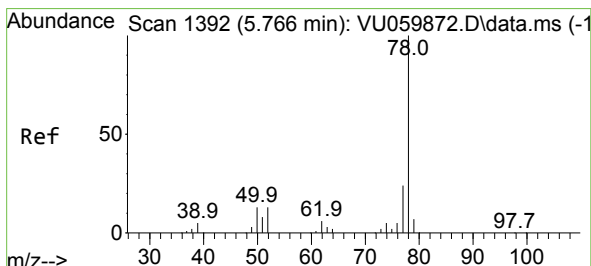
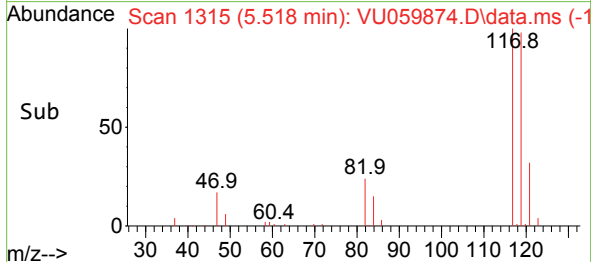
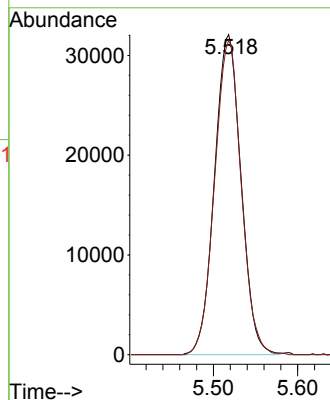
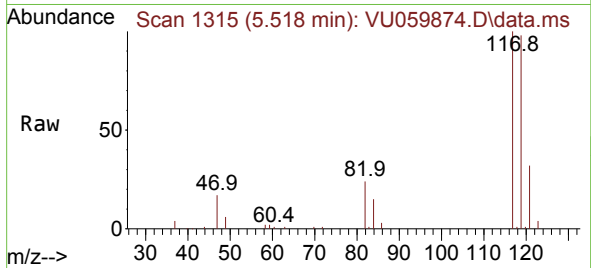




#31
Carbon tetrachloride
Concen: 4.976 ug/L
RT: 5.518 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU059874.D
Acq: 08 Jul 2024 11:34

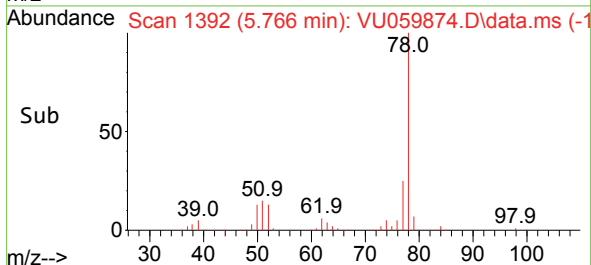
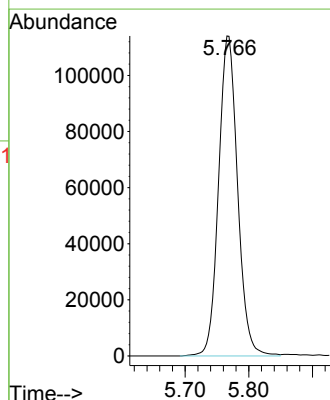
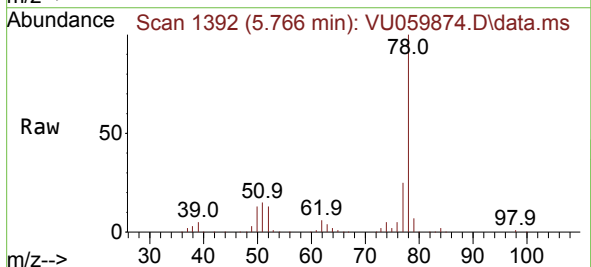
Instrument :
MSVOA_U
ClientSampleId :

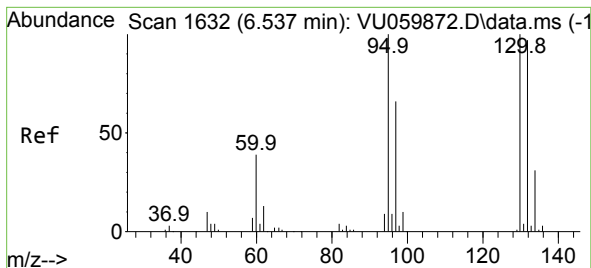
Tgt Ion:117 Resp: 70139
Ion Ratio Lower Upper
117 100
119 98.5 77.5 116.3



#33
Benzene
Concen: 5.343 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU059874.D
Acq: 08 Jul 2024 11:34

Tgt Ion: 78 Resp: 236510





#34

Trichloroethene

Concen: 4.888 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

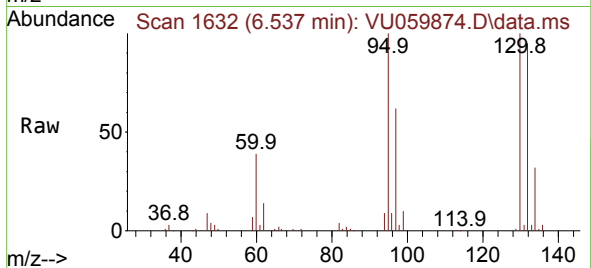
Lab File: VU059874.D

Acq: 08 Jul 2024 11:34

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 58598

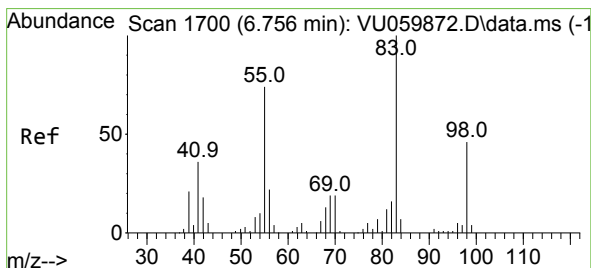
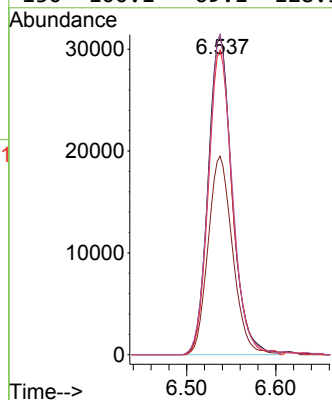
Ion Ratio Lower Upper

95 100

97 62.0 45.3 84.1

132 95.2 64.0 119.0

130 100.1 69.1 128.3



#35

Methylcyclohexane

Concen: 3.624 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VU059874.D

Acq: 08 Jul 2024 11:34

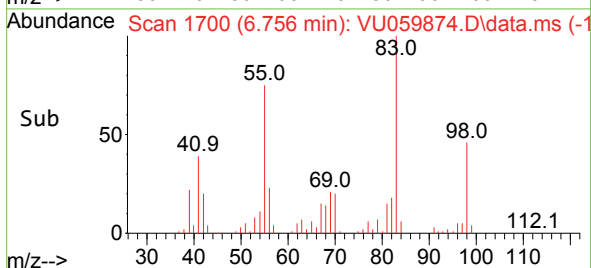
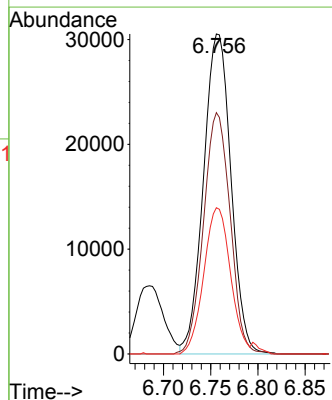
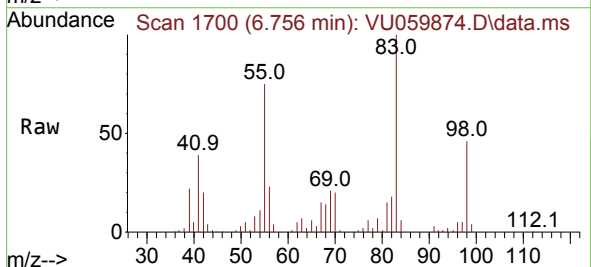
Tgt Ion: 83 Resp: 61818

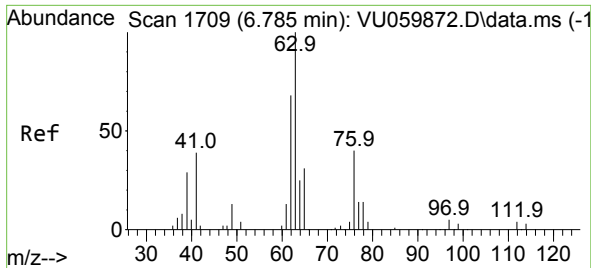
Ion Ratio Lower Upper

83 100

55 73.0 62.7 94.1

98 44.3 35.4 53.0

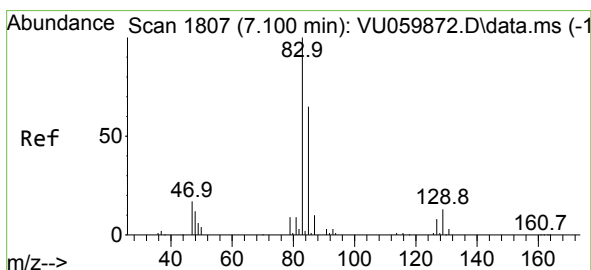
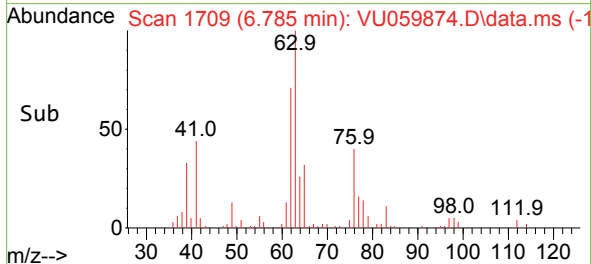
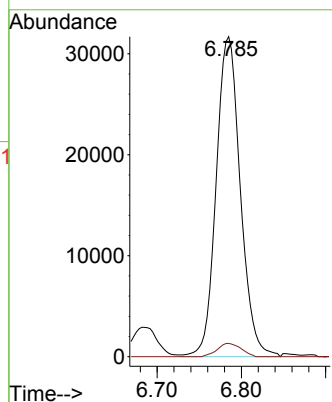
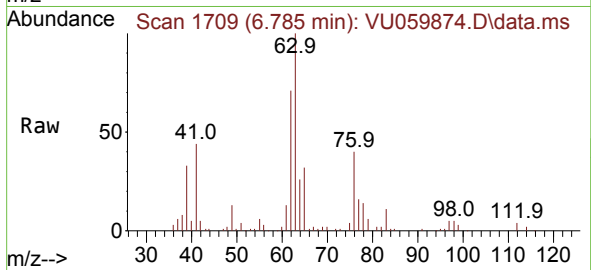




#37
1,2-Dichloropropane
Concen: 5.503 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. -0.000 min
Lab File: VU059874.D
Acq: 08 Jul 2024 11:34

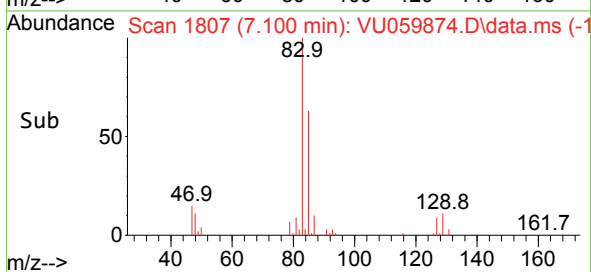
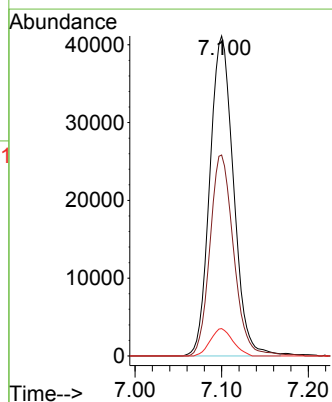
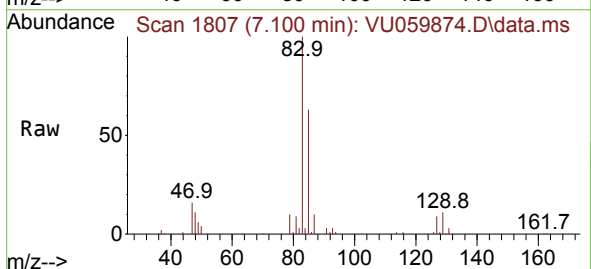
Instrument :
MSVOA_U
ClientSampleId :

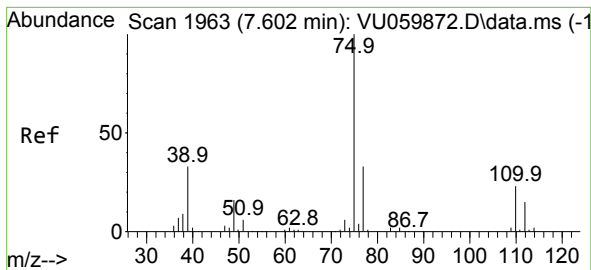
Tgt Ion: 63 Resp: 63040
Ion Ratio Lower Upper
63 100
112 4.1 2.6 3.8#



#38
Bromodichloromethane
Concen: 5.473 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU059874.D
Acq: 08 Jul 2024 11:34

Tgt Ion: 83 Resp: 78262
Ion Ratio Lower Upper
83 100
85 62.8 42.7 79.3
127 8.5 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 3.365 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VU059874.D

Acq: 08 Jul 2024 11:34

Instrument :

MSVOA_U

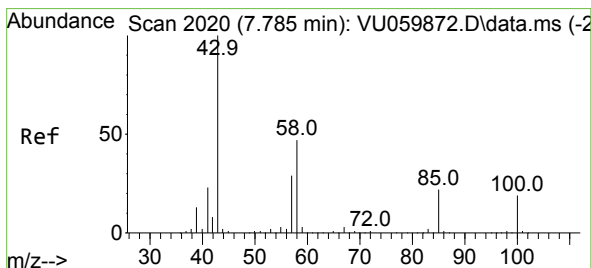
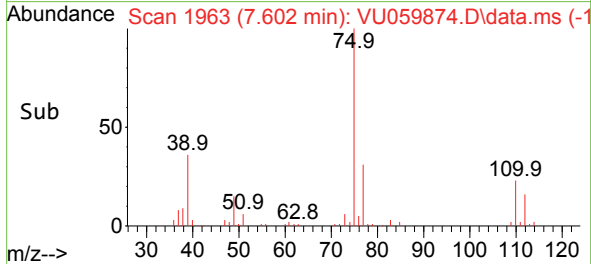
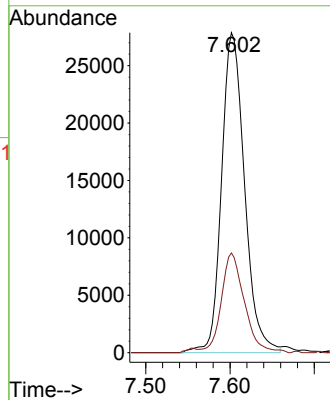
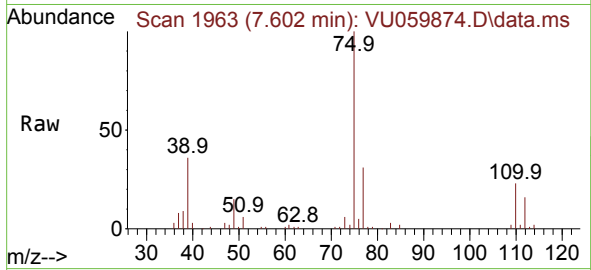
ClientSampleId :

Tgt Ion: 75 Resp: 52724

Ion Ratio Lower Upper

75 100

77 31.1 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 54.580 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.000 min

Lab File: VU059874.D

Acq: 08 Jul 2024 11:34

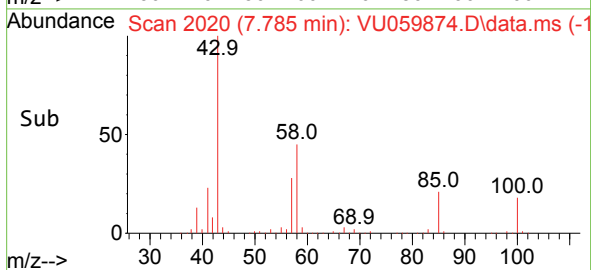
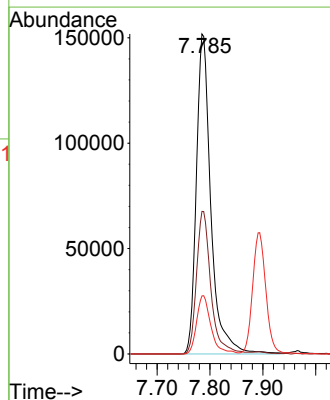
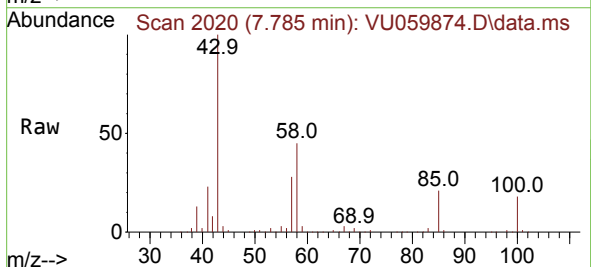
Tgt Ion: 43 Resp: 289727

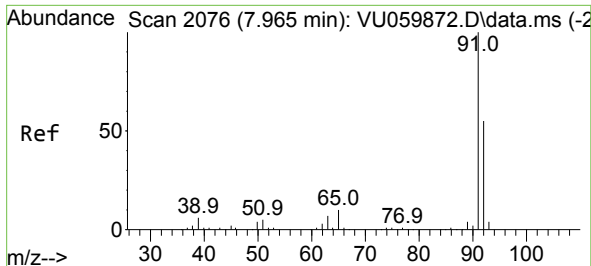
Ion Ratio Lower Upper

43 100

58 44.0 34.0 51.0

100 18.0 12.1 18.1





#42

Toluene

Concen: 5.313 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU059874.D

Acq: 08 Jul 2024 11:34

Instrument :

MSVOA_U

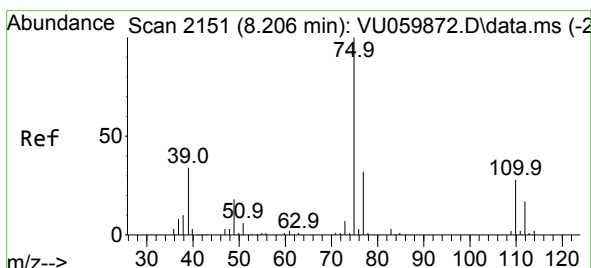
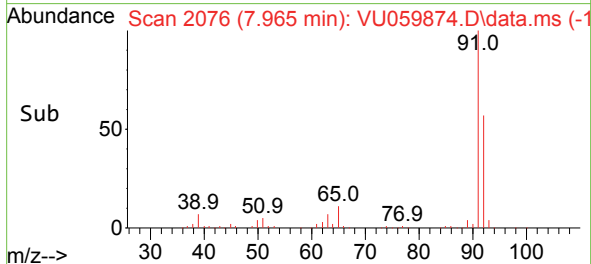
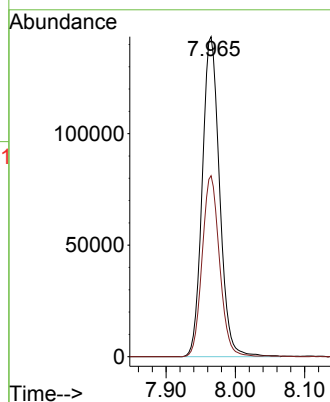
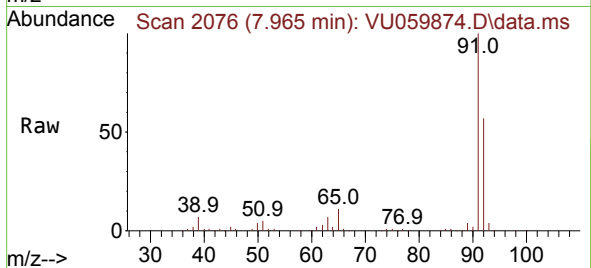
ClientSampleId :

Tgt Ion: 91 Resp: 249000

Ion Ratio Lower Upper

91 100

92 56.6 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 3.430 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU059874.D

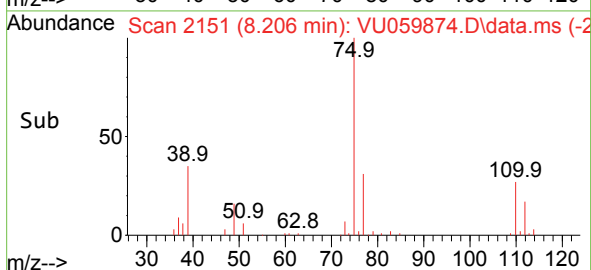
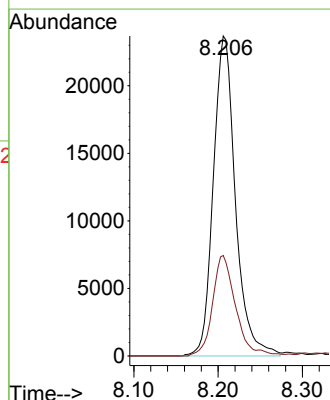
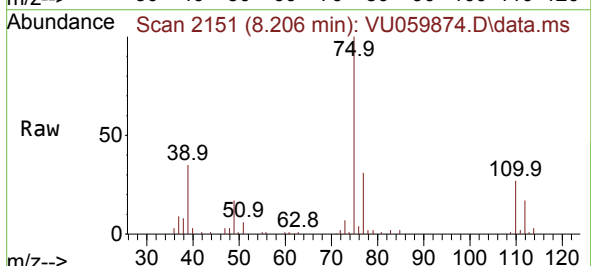
Acq: 08 Jul 2024 11:34

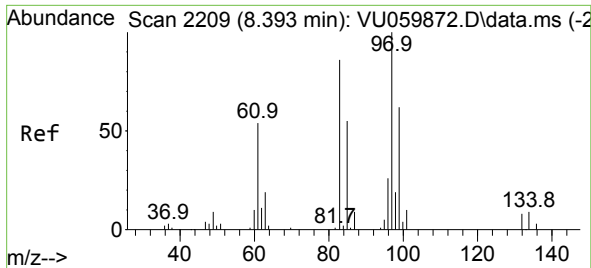
Tgt Ion: 75 Resp: 43126

Ion Ratio Lower Upper

75 100

77 31.4 22.0 41.0

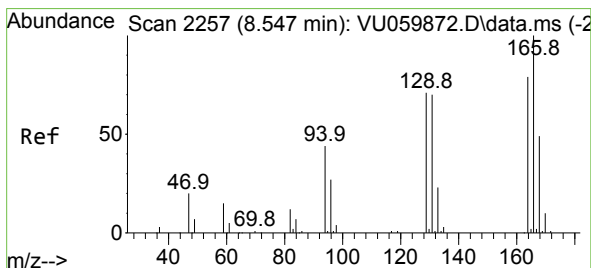
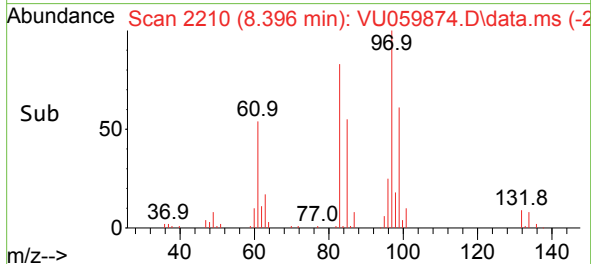
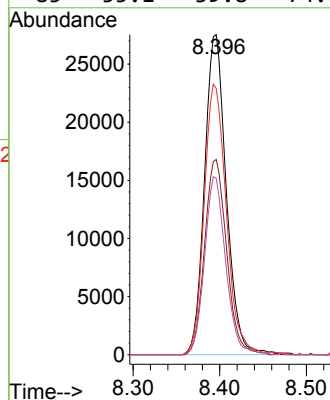
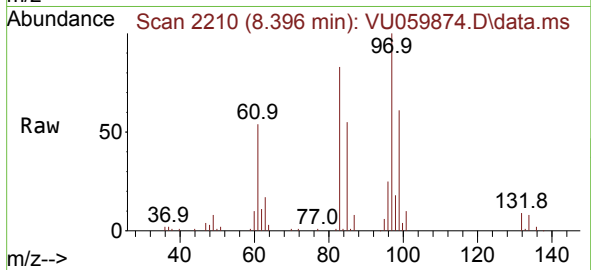




#45
1,1,2-Trichloroethane
Concen: 5.692 ug/L
RT: 8.396 min Scan# 210
Delta R.T. 0.003 min
Lab File: VU059874.D
Acq: 08 Jul 2024 11:34

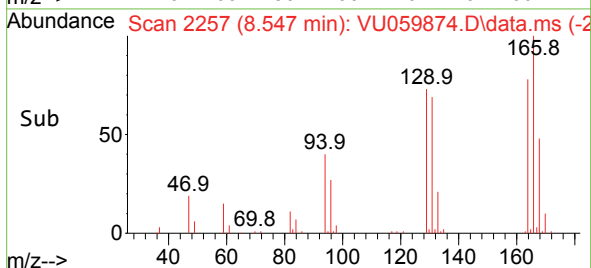
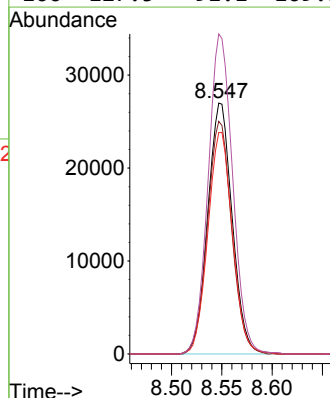
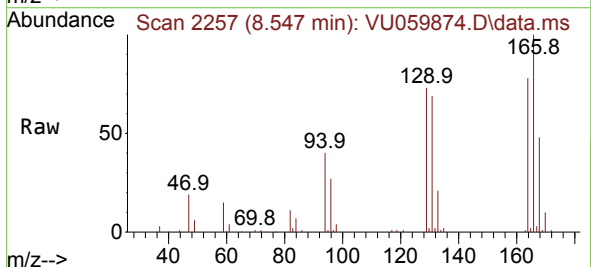
Instrument :
MSVOA_U
ClientSampleId :

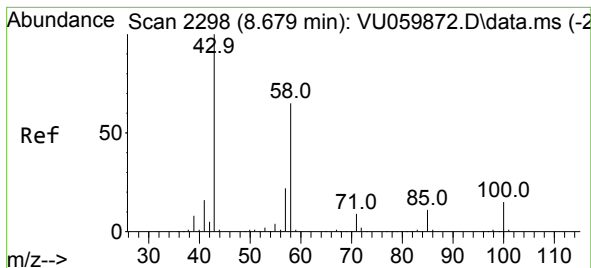
Tgt Ion: 97	Resp: 48054
Ion Ratio	Lower Upper
97 100	
99 61.0	43.3 80.3
83 83.2	62.3 115.7
85 55.1	39.8 74.0



#47
Tetrachloroethene
Concen: 4.900 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU059874.D
Acq: 08 Jul 2024 11:34

Tgt Ion: 164	Resp: 45583
Ion Ratio	Lower Upper
164 100	
129 92.7	70.8 131.4
131 88.3	64.8 120.3
166 127.5	91.1 169.1





#48

2-Hexanone

Concen: 55.428 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. -0.000 min

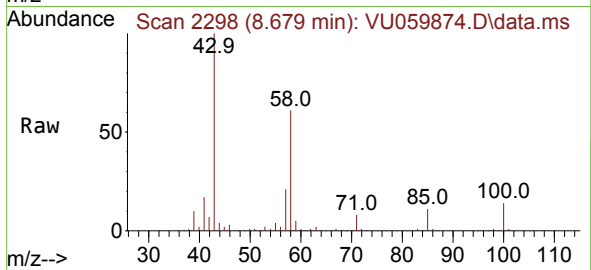
Lab File: VU059874.D

Acq: 08 Jul 2024 11:34

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 209987

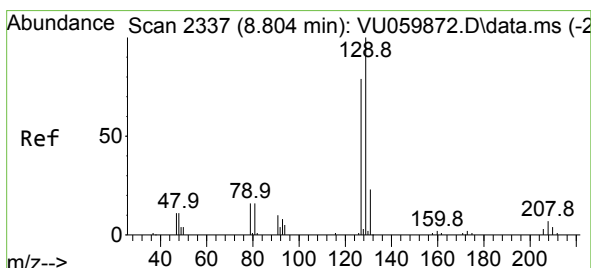
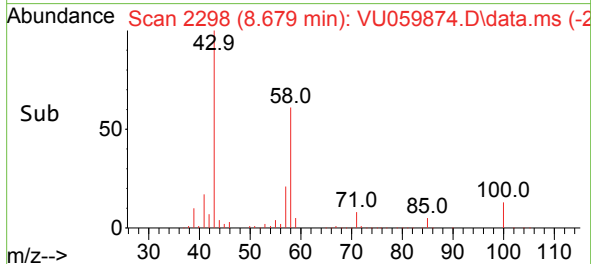
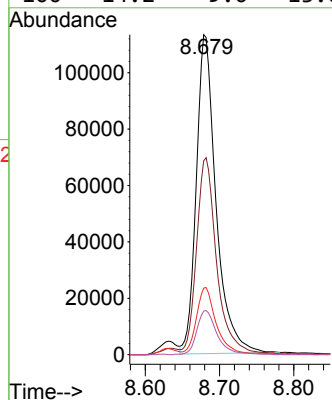
Ion Ratio Lower Upper

43 100

58 62.3 46.1 69.1

57 20.3 15.5 23.3

100 14.2 9.0 13.6#



#49

Dibromochloromethane

Concen: 5.565 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VU059874.D

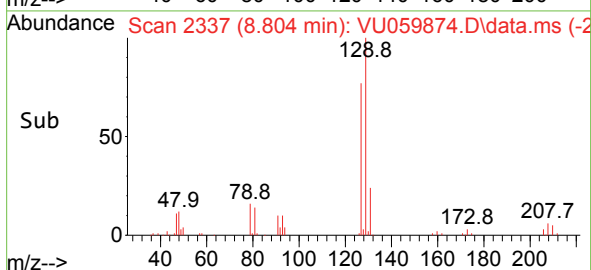
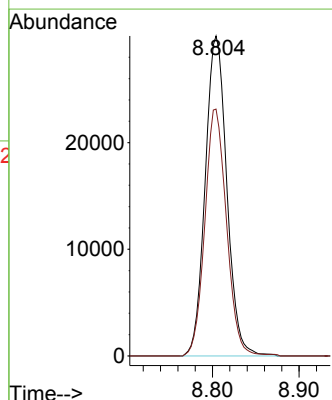
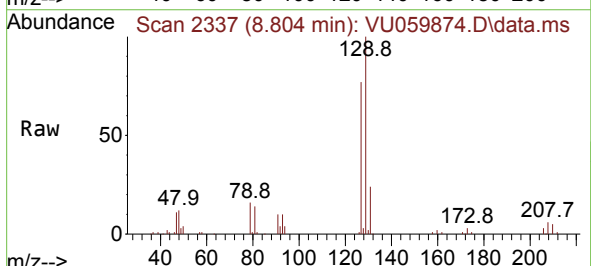
Acq: 08 Jul 2024 11:34

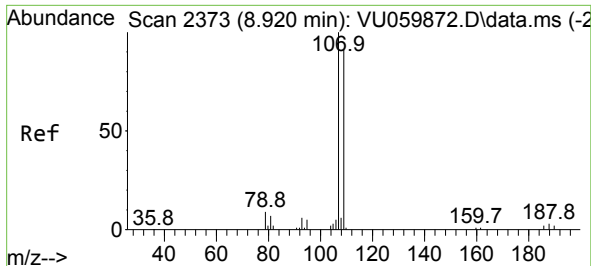
Tgt Ion: 129 Resp: 52041

Ion Ratio Lower Upper

129 100

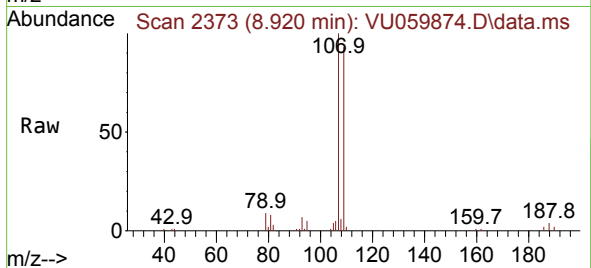
127 77.1 52.5 97.5



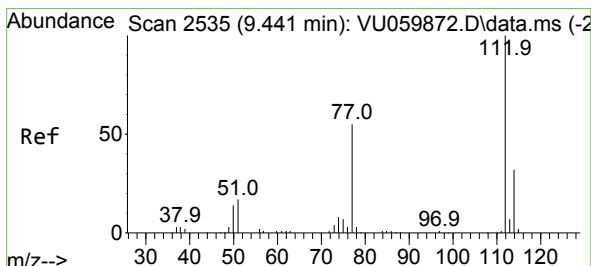
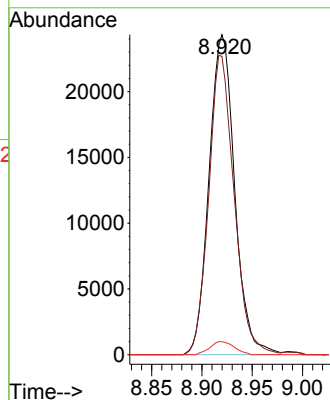
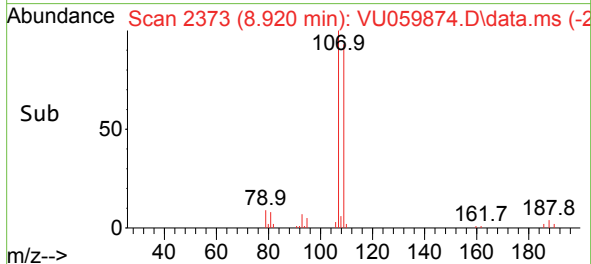


#50
 1,2-Dibromoethane
 Concen: 5.534 ug/L
 RT: 8.920 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU059874.D
 Acq: 08 Jul 2024 11:34

Instrument :
 MSVOA_U
 ClientSampleId :

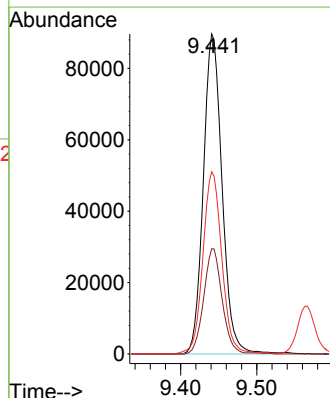
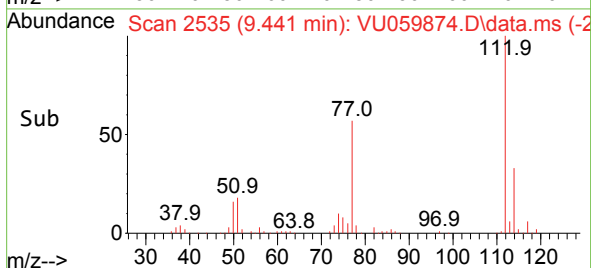
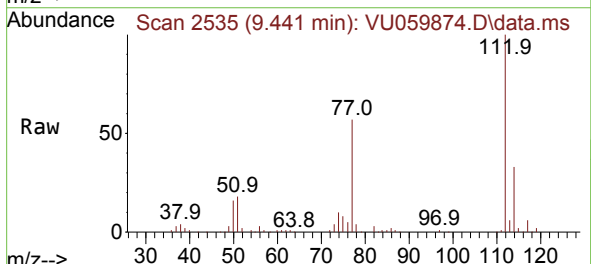


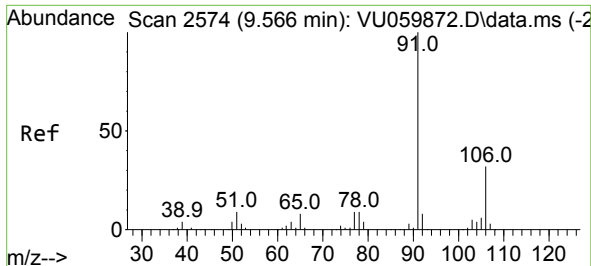
Tgt Ion:107 Resp: 43145
 Ion Ratio Lower Upper
 107 100
 109 93.3 66.9 124.3
 188 4.0 2.7 4.1



#51
 Chlorobenzene
 Concen: 5.163 ug/L
 RT: 9.441 min Scan# 2535
 Delta R.T. -0.000 min
 Lab File: VU059874.D
 Acq: 08 Jul 2024 11:34

Tgt Ion:112 Resp: 153464
 Ion Ratio Lower Upper
 112 100
 114 32.9 22.4 41.6
 77 56.9 49.1 73.7

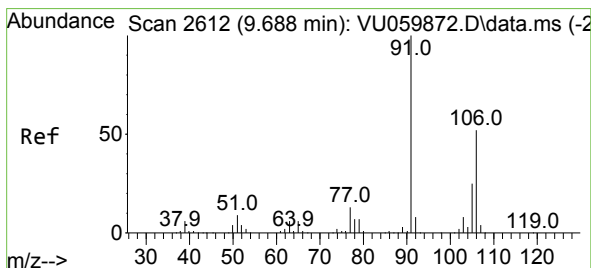
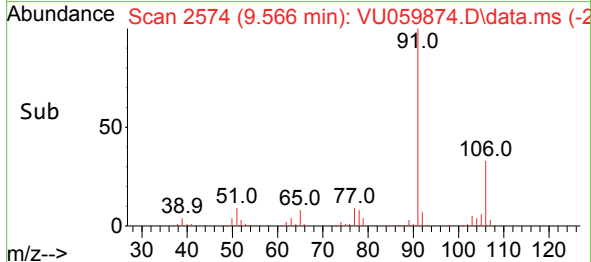
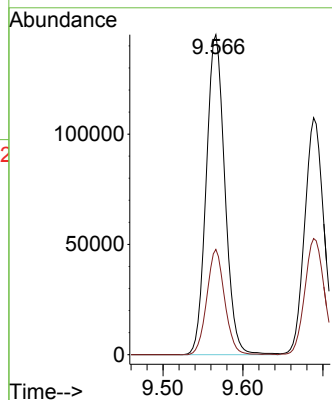
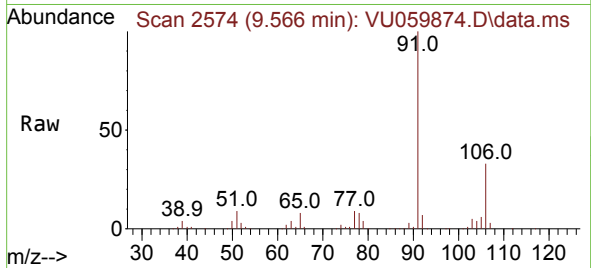




#52
Ethylbenzene
Concen: 4.886 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. -0.000 min
Lab File: VU059874.D
Acq: 08 Jul 2024 11:34

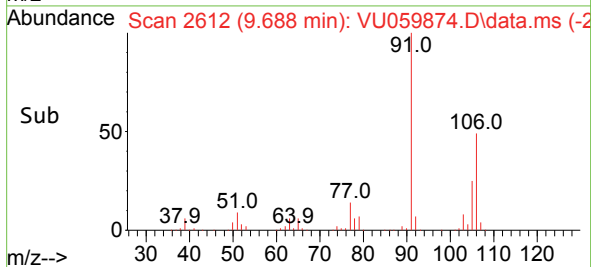
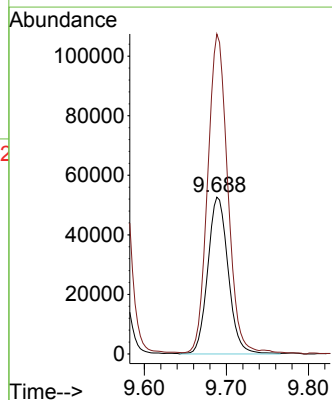
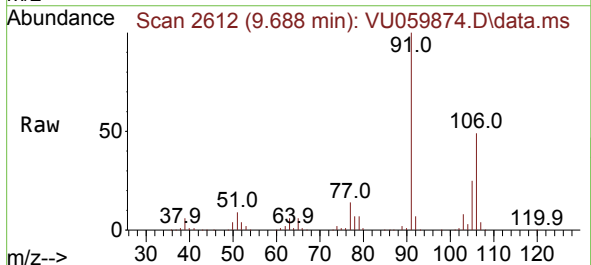
Instrument :
MSVOA_U
ClientSampleId :

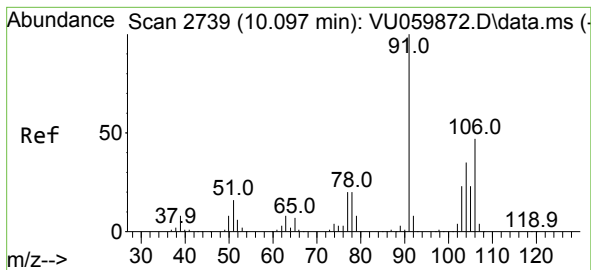
Tgt Ion: 91 Resp: 234897
Ion Ratio Lower Upper
91 100
106 32.9 20.9 38.7



#53
m,p-Xylene
Concen: 4.933 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU059874.D
Acq: 08 Jul 2024 11:34

Tgt Ion: 106 Resp: 91092
Ion Ratio Lower Upper
106 100
91 204.1 142.0 263.8





#54

o-Xylene

Concen: 5.146 ug/L

RT: 10.097 min Scan# 2739

Delta R.T. -0.000 min

Lab File: VU059874.D

Acq: 08 Jul 2024 11:34

Instrument :

MSVOA_U

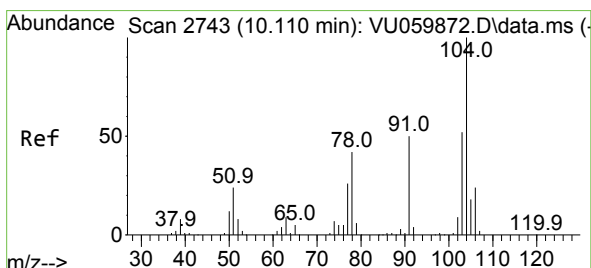
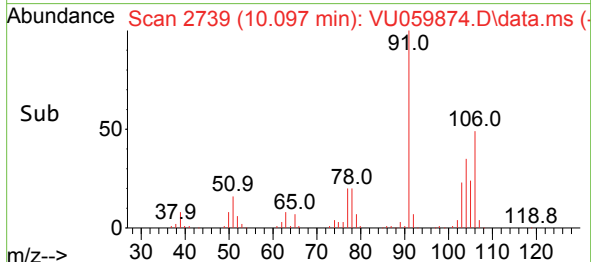
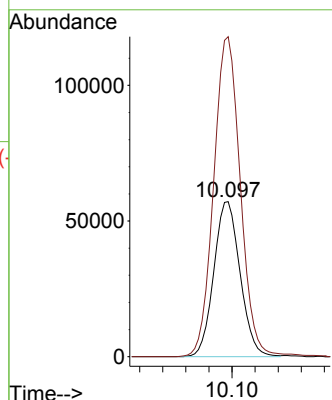
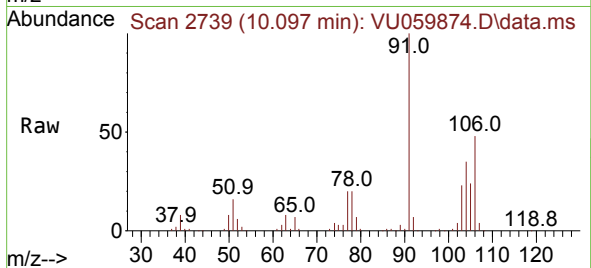
ClientSampleId :

Tgt Ion:106 Resp: 90176

Ion Ratio Lower Upper

106 100

91 206.4 151.6 281.6



#55

Styrene

Concen: 5.185 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. -0.000 min

Lab File: VU059874.D

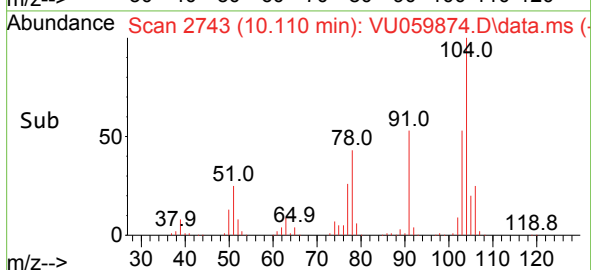
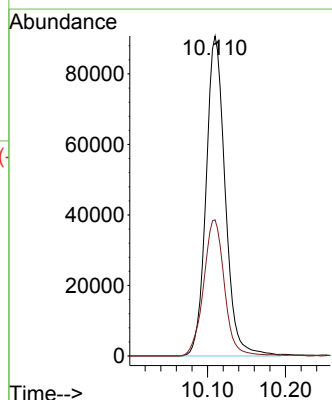
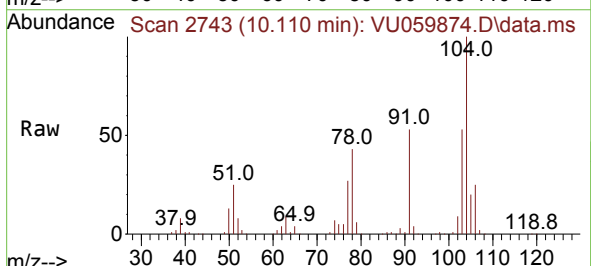
Acq: 08 Jul 2024 11:34

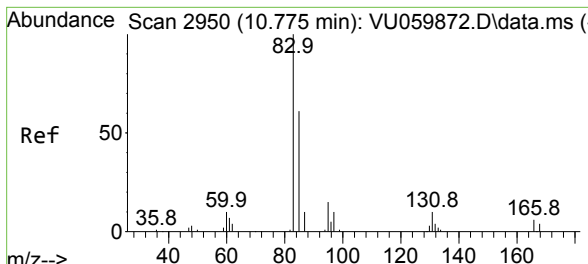
Tgt Ion:104 Resp: 154665

Ion Ratio Lower Upper

104 100

78 42.6 32.3 60.1

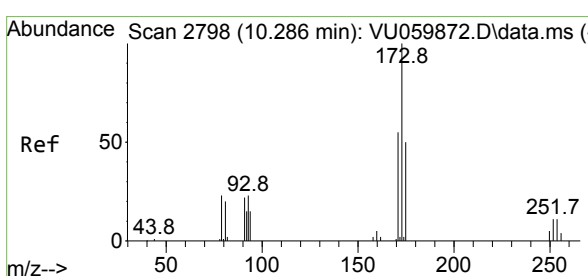
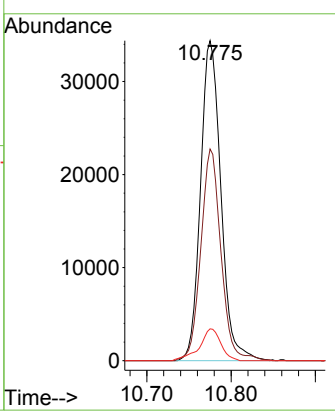
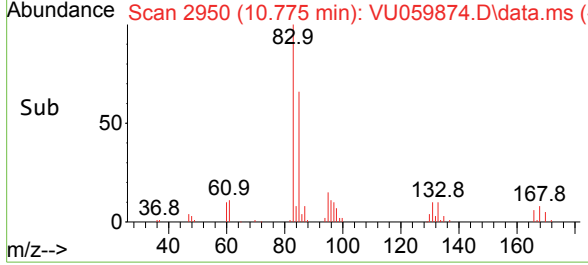
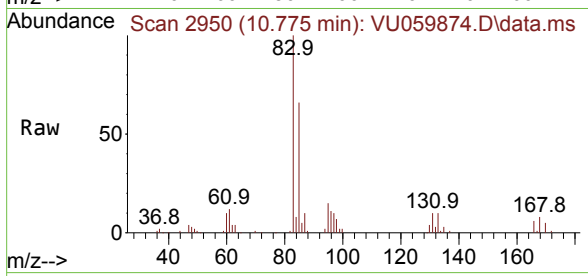




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.655 ug/L
 RT: 10.775 min Scan# 2950
 Delta R.T. -0.000 min
 Lab File: VU059874.D
 Acq: 08 Jul 2024 11:34

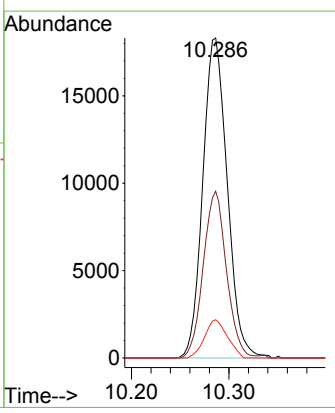
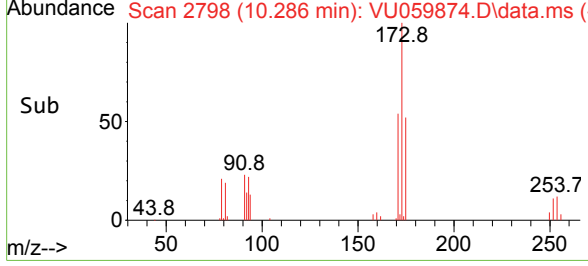
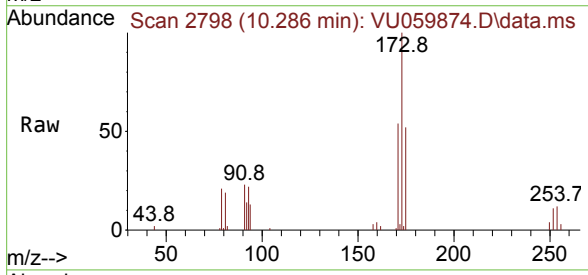
Instrument :
 MSVOA_U
 ClientSampleId :

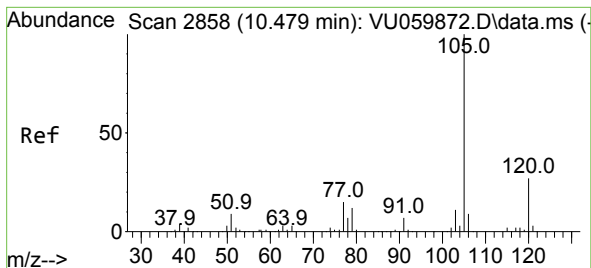
Tgt Ion:	83	Resp:	57912
Ion Ratio	Lower	Upper	
83	100		
85	66.1	44.7	82.9
131	10.0	6.9	10.3



#59
 Bromoform
 Concen: 5.581 ug/L
 RT: 10.286 min Scan# 2798
 Delta R.T. -0.000 min
 Lab File: VU059874.D
 Acq: 08 Jul 2024 11:34

Tgt Ion:	173	Resp:	31890
Ion Ratio	Lower	Upper	
173	100		
175	49.5	39.4	59.2
254	11.1	7.4	11.2





#60

Isopropylbenzene

Concen: 4.866 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. -0.000 min

Lab File: VU059874.D

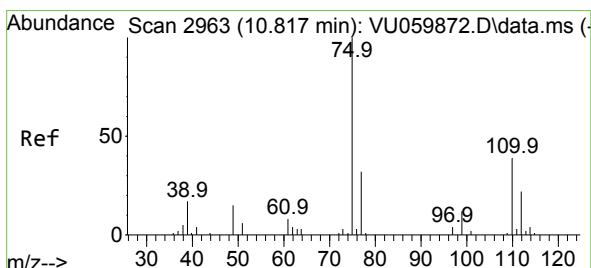
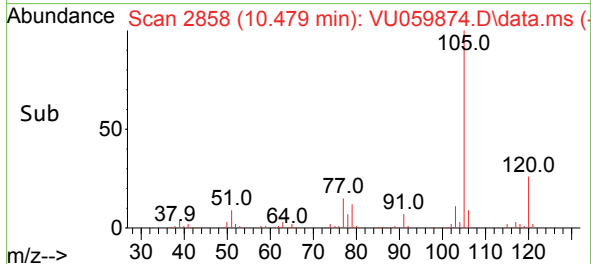
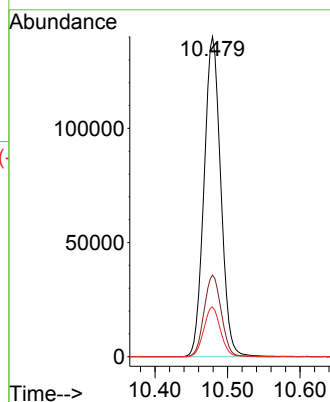
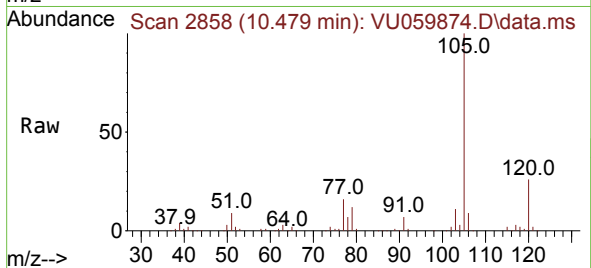
Acq: 08 Jul 2024 11:34

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	224422
Ion Ratio	Lower	Upper	
105	100		
120	26.1	20.6	31.0
77	15.5	12.8	19.2



#61

1,2,3-Trichloropropane

Concen: 5.486 ug/L

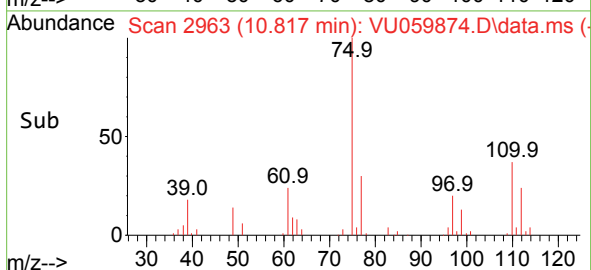
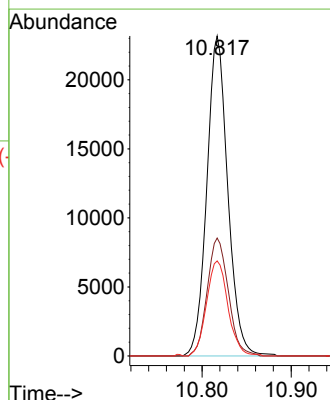
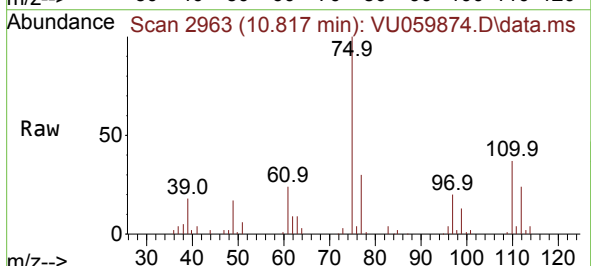
RT: 10.817 min Scan# 2963

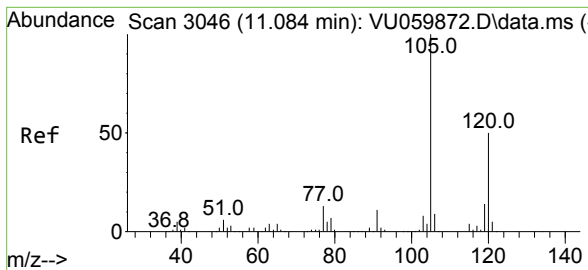
Delta R.T. -0.000 min

Lab File: VU059874.D

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Tgt Ion:	75	Resp:	37853
Ion Ratio	Lower	Upper	
75	100		
110	37.2	27.1	40.7
77	30.4	25.4	38.2

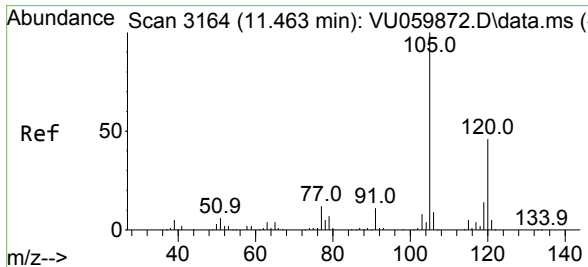
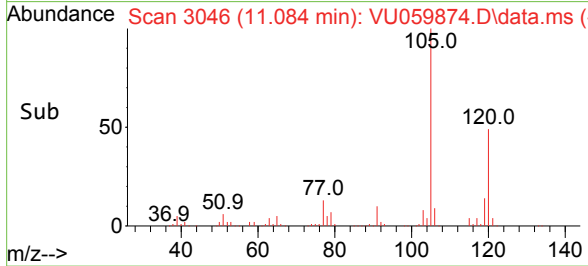
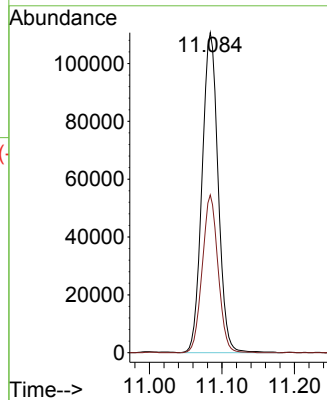
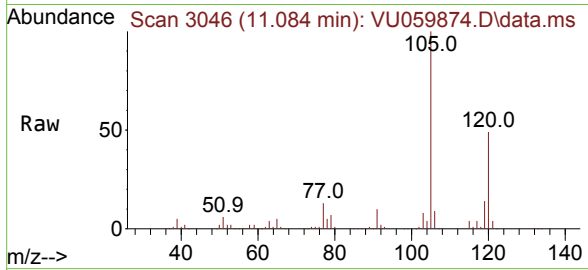




#62
1,3,5-Trimethylbenzene
Concen: 4.660 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU059874.D
Acq: 08 Jul 2024 11:34

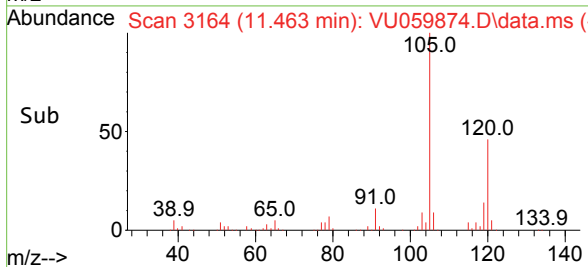
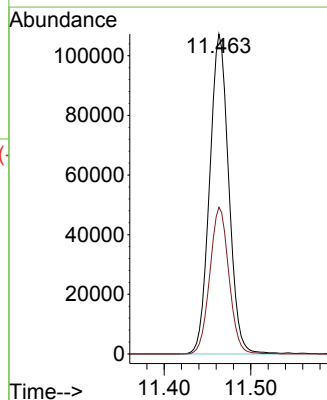
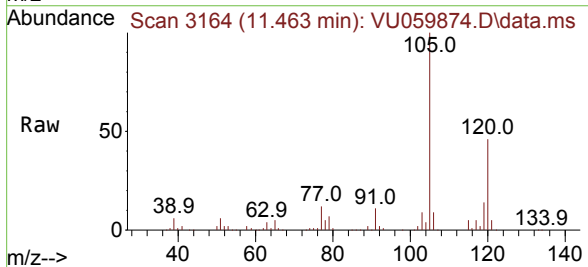
Instrument :
MSVOA_U
ClientSampleId :

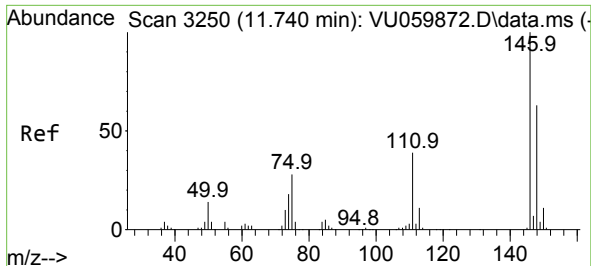
Tgt Ion:105 Resp: 170264
Ion Ratio Lower Upper
105 100
120 48.4 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 4.702 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU059874.D
Acq: 08 Jul 2024 11:34

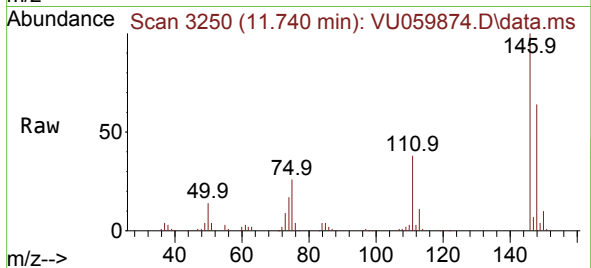
Tgt Ion:105 Resp: 164275
Ion Ratio Lower Upper
105 100
120 45.8 35.4 53.0



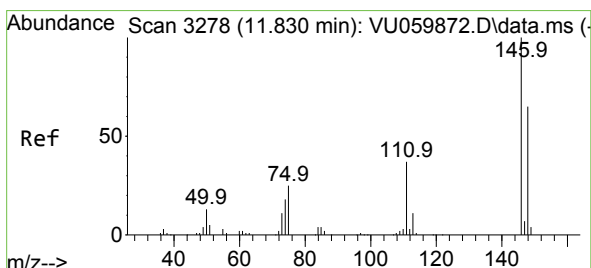
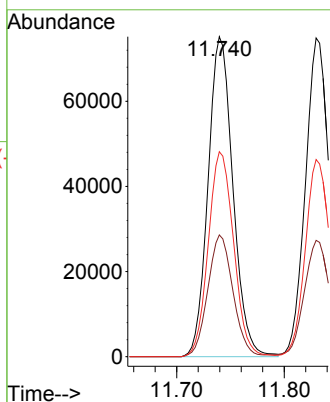
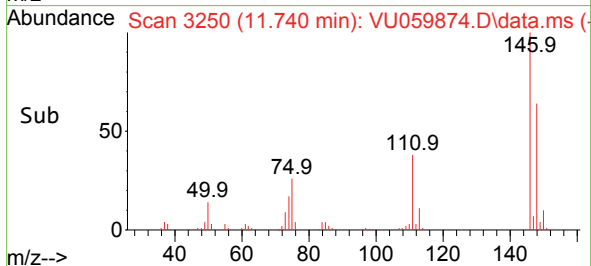


#64
1,3-Dichlorobenzene
Concen: 5.149 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU059874.D
Acq: 08 Jul 2024 11:34

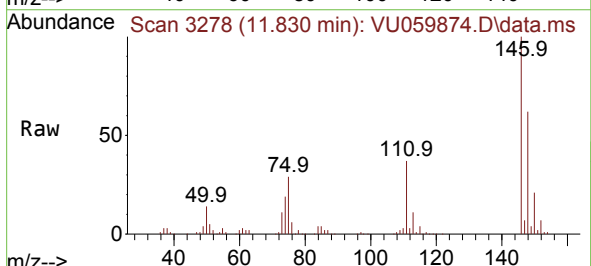
Instrument :
MSVOA_U
ClientSampleId :



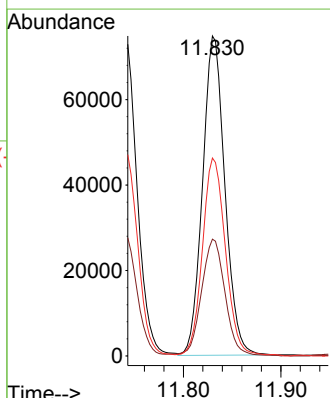
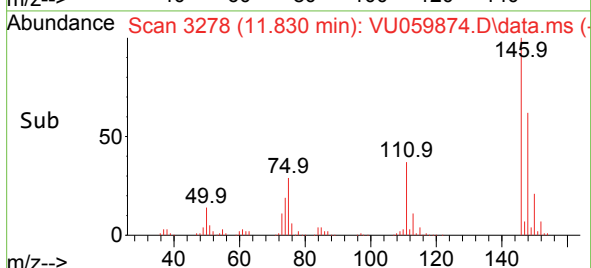
Tgt Ion:146 Resp: 120795
Ion Ratio Lower Upper
146 100
111 38.0 27.4 51.0
148 64.0 45.0 83.6

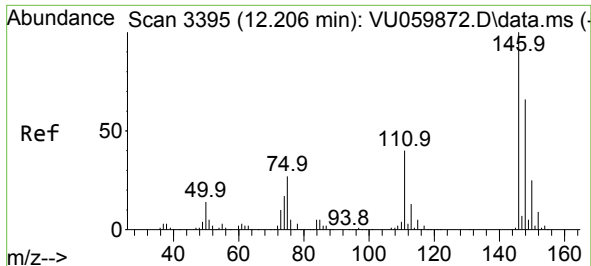


#65
1,4-Dichlorobenzene
Concen: 4.929 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU059874.D
Acq: 08 Jul 2024 11:34



Tgt Ion:146 Resp: 119018
Ion Ratio Lower Upper
146 100
111 36.5 26.9 50.1
148 61.8 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.122 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU059874.D

Acq: 08 Jul 2024 11:34

Instrument :

MSVOA_U

ClientSampleId :

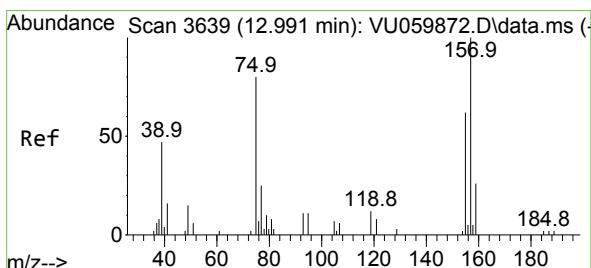
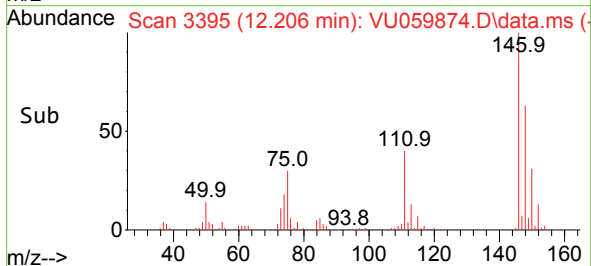
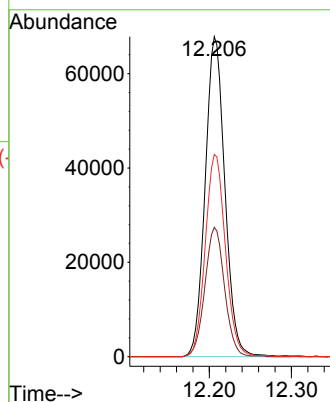
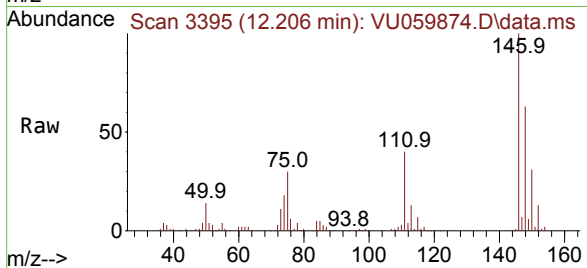
Tgt Ion:146 Resp: 113062

Ion Ratio Lower Upper

146 100

111 40.4 33.4 50.0

148 63.2 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.632 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU059874.D

Acq: 08 Jul 2024 11:34

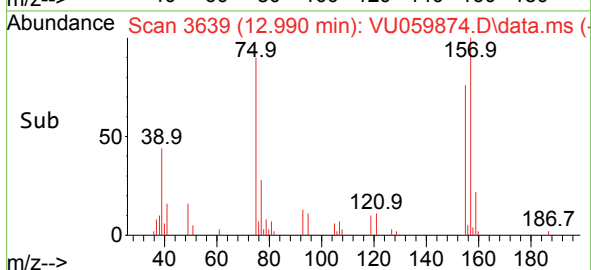
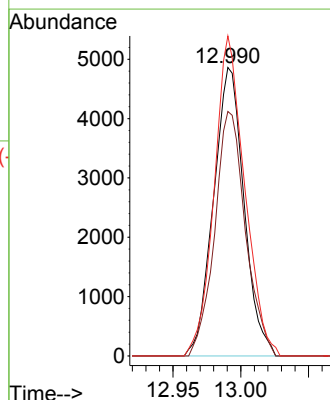
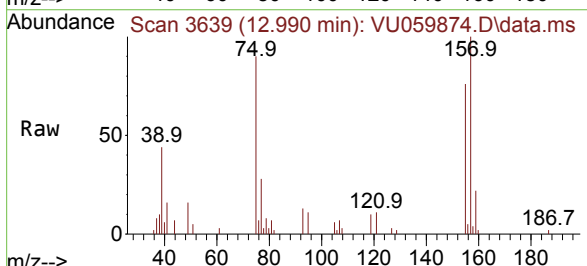
Tgt Ion: 75 Resp: 7579

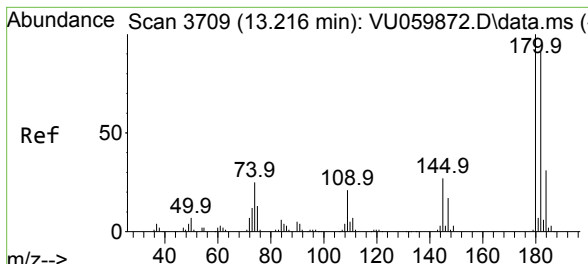
Ion Ratio Lower Upper

75 100

155 84.7 58.2 87.2

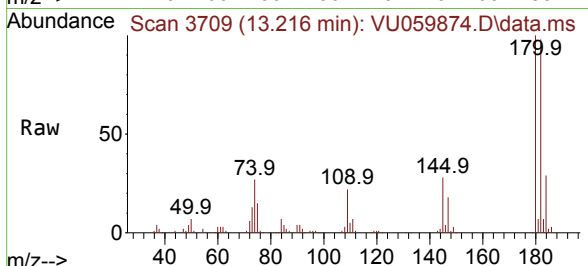
157 110.9 80.0 120.0





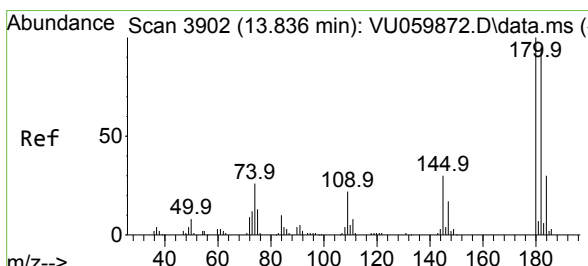
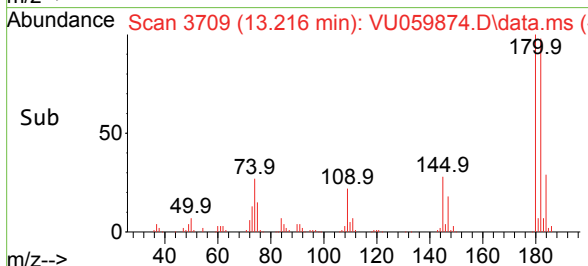
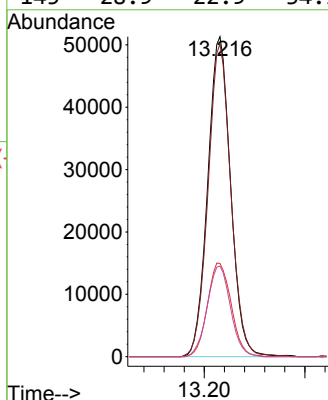
#69
 1,3,5-Trichlorobenzene
 Concen: 4.656 ug/L
 RT: 13.216 min Scan# 3709
 Delta R.T. -0.000 min
 Lab File: VU059874.D
 Acq: 08 Jul 2024 11:34

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 80856

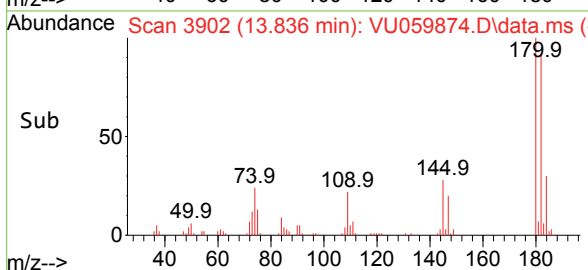
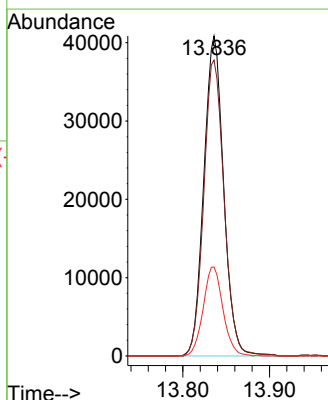
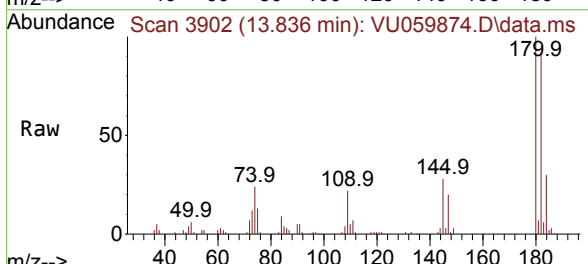
Ion	Ratio	Lower	Upper
180	100		
182	97.3	75.4	113.0
184	30.4	23.0	34.6
145	28.9	22.9	34.3

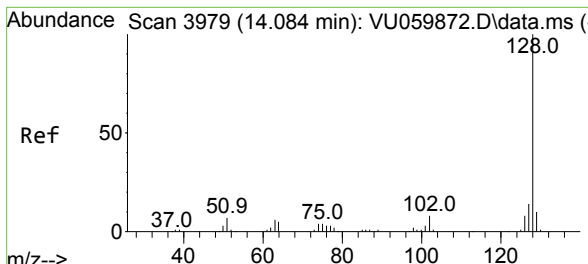


#70
 1,2,4-trichlorobenzene
 Concen: 4.878 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. -0.000 min
 Lab File: VU059874.D
 Acq: 08 Jul 2024 11:34

Tgt Ion:180 Resp: 64978

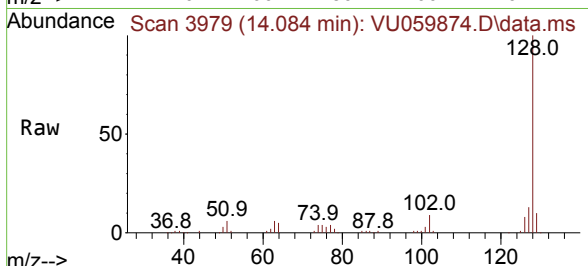
Ion	Ratio	Lower	Upper
180	100		
182	94.4	74.9	112.3
145	27.7	23.9	35.9



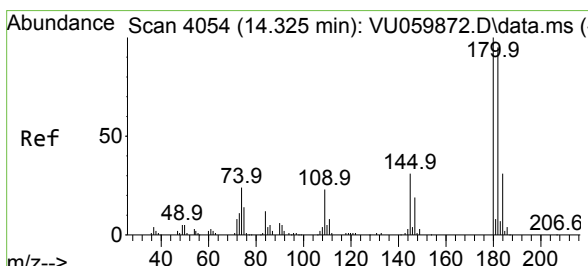
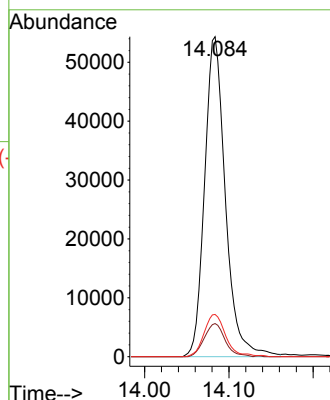
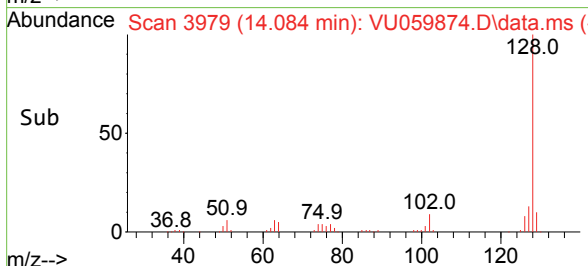


#71
Naphthalene
Concen: 4.902 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU059874.D
Acq: 08 Jul 2024 11:34

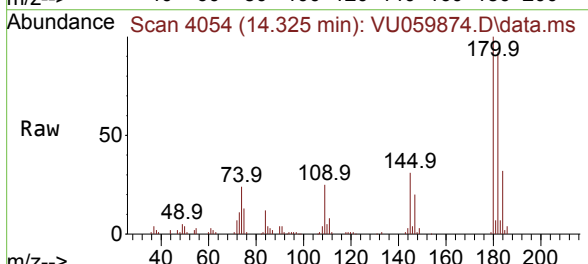
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 93460
Ion Ratio Lower Upper
128 100
129 10.3 8.2 12.4
127 13.9 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.050 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU059874.D
Acq: 08 Jul 2024 11:34



Tgt Ion:180 Resp: 62460
Ion Ratio Lower Upper
180 100
182 95.3 77.0 115.6
145 30.4 26.2 39.4

