

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070524\
 Data File : VU059872.D
 Acq On : 05 Jul 2024 19:56
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 06 03:07:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 06 02:59:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	157190	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	159258	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	82359	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	46987	4.299	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.000%
7) Chloroethane-d5	1.908	69	41686	3.964	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.200%
11) 1,1-Dichloroethene-d2	2.557	65	18665	4.116	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.400%
20) 2-Butanone-d5	4.615	46	102957	45.729	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.460%
24) Chloroform-d	5.052	84	102210	4.556	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.692	65	47224	4.370	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	5.718	84	196442	4.482	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.682	67	61267	4.562	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.891	98	182741	4.485	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	8.174	79	20679	4.917	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.400%
46) 2-Hexanone-d5	8.624	63	86638	49.580	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.160%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	50078	4.513	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	66812	4.558	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	61211	4.596	ug/L	98
3) Chloromethane	1.515	50	69152	4.824	ug/L	100
5) Vinyl chloride	1.599	62	79433	5.016	ug/L	99
6) Bromomethane	1.850	94	46897	4.259	ug/L	93
8) Chloroethane	1.927	64	48589	5.092	ug/L	98
9) Trichlorofluoromethane	2.129	101	96826	5.079	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	60937	5.050	ug/L	94
12) 1,1-Dichloroethene	2.573	96	56317	5.051	ug/L	77
13) Acetone	2.625	43	67863	46.466	ug/L	93
14) Carbon disulfide	2.785	76	175863	4.728	ug/L	99
15) Methyl Acetate	2.946	43	19608	5.088	ug/L	94
16) Methylene chloride	3.036	84	66090	5.003	ug/L	92
17) Methyl tert-butyl Ether	3.354	73	120172	5.002	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	58233	5.023	ug/L	91
19) 1,1-Dichloroethane	3.859	63	109654	5.129	ug/L	99
21) 2-Butanone	4.695	43	113486	48.445	ug/L	89
22) cis-1,2-Dichloroethene	4.657	96	66679	5.218	ug/L	95
23) Bromochloromethane	4.965	128	31299	5.372	ug/L	81
25) Chloroform	5.078	83	117908	5.236	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070524\
 Data File : VU059872.D
 Acq On : 05 Jul 2024 19:56
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 06 03:07:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 06 02:59:52 2024
 Response via : Initial Calibration

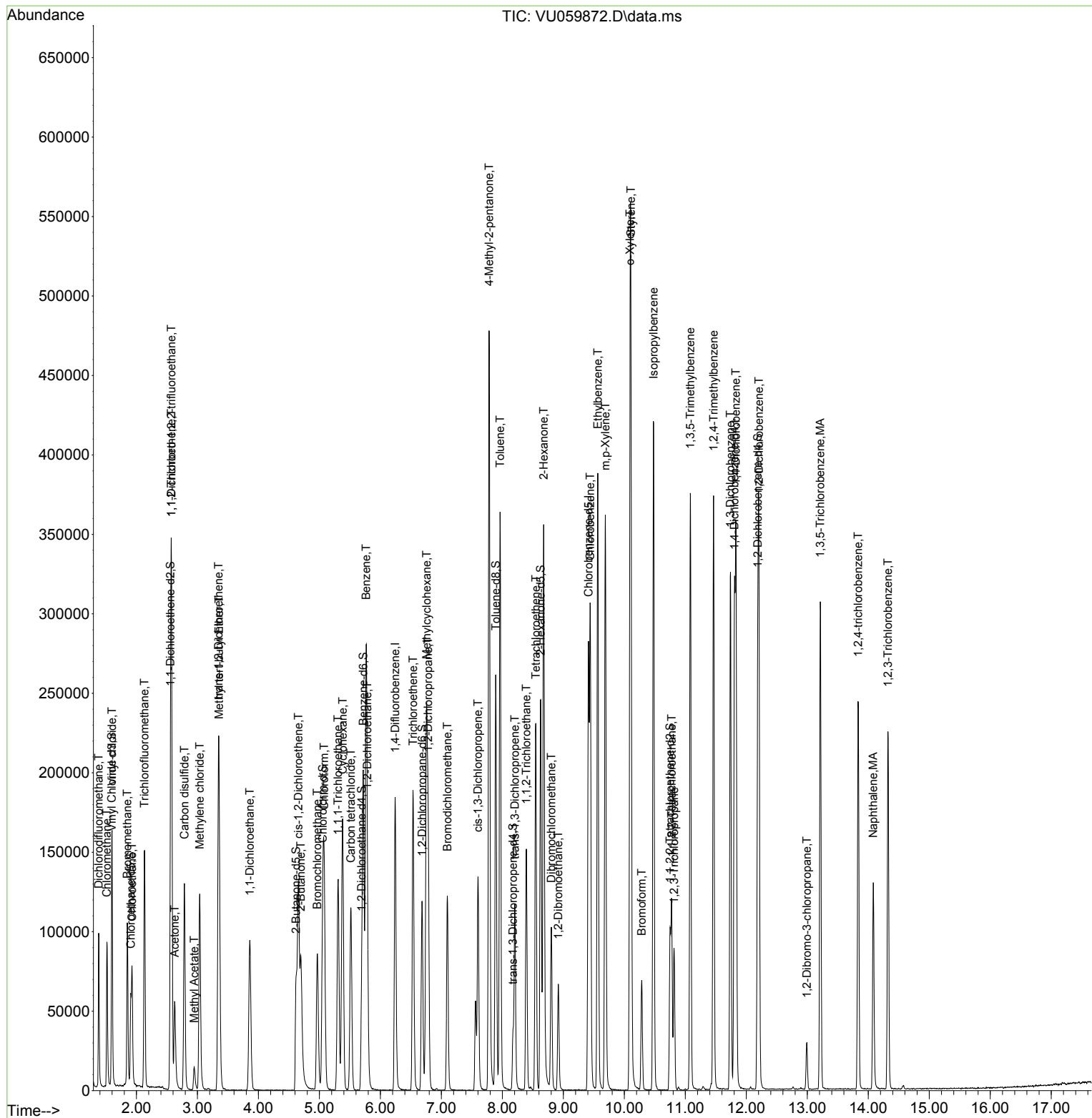
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	67856	4.972	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	95421	5.188	ug/L	96
30) Cyclohexane	5.380	56	79619	4.904	ug/L	93
31) Carbon tetrachloride	5.515	117	81159	5.271	ug/L	99
33) Benzene	5.766	78	258163	5.338	ug/L	100
34) Trichloroethene	6.534	95	66844	5.104	ug/L	98
35) Methylcyclohexane	6.756	83	90270	4.844	ug/L	95
37) 1,2-Dichloropropane	6.782	63	68248	5.453	ug/L	98
38) Bromodichloromethane	7.097	83	81897	5.242	ug/L #	93
39) cis-1,3-Dichloropropene	7.599	75	84621	4.944	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	288620	49.768	ug/L #	95
42) Toluene	7.962	91	282448	5.516	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	70018	5.097	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	49287	5.344	ug/L	97
47) Tetrachloroethene	8.547	164	53318	5.246	ug/L	97
48) 2-Hexanone	8.676	43	206554	49.905	ug/L #	92
49) Dibromochloromethane	8.801	129	53893	5.275	ug/L	97
50) 1,2-Dibromoethane	8.917	107	44668	5.244	ug/L	99
51) Chlorobenzene	9.441	112	173521	5.343	ug/L	95
52) Ethylbenzene	9.563	91	273689	5.211	ug/L	98
53) m,p-Xylene	9.689	106	109454	5.426	ug/L	94
54) o-Xylene	10.094	106	103103	5.385	ug/L	99
55) Styrene	10.107	104	181777	5.578	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	60105	5.372	ug/L	98
59) Bromoform	10.283	173	32182	5.106	ug/L #	98
60) Isopropylbenzene	10.480	105	269138	5.290	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	38794	5.097	ug/L	96
62) 1,3,5-Trimethylbenzene	11.081	105	204123	5.064	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	200201	5.195	ug/L	95
64) 1,3-Dichlorobenzene	11.740	146	141508	5.469	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	140680	5.282	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	130285	5.350	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	7608	5.125	ug/L #	84
69) 1,3,5-Trichlorobenzene	13.213	180	101838	5.317	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	80379	5.470	ug/L	98
71) Naphthalene	14.081	128	112033	5.327	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	74969	5.495	ug/L	98

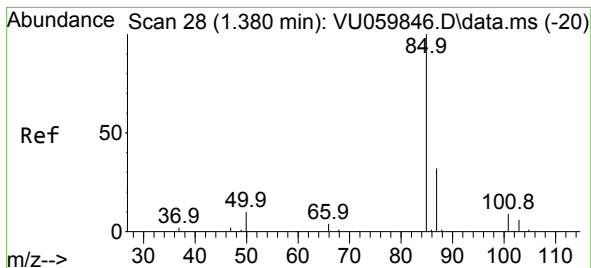
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070524\
Data File : VU059872.D
Acq On : 05 Jul 2024 19:56
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jul 06 03:07:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jul 06 02:59:52 2024
Response via : Initial Calibration

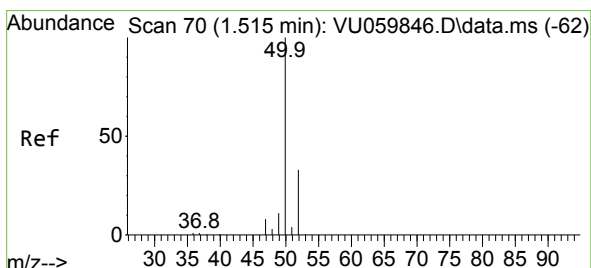
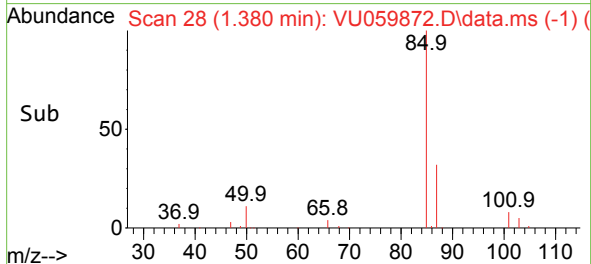
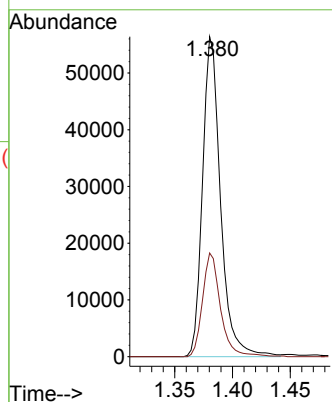
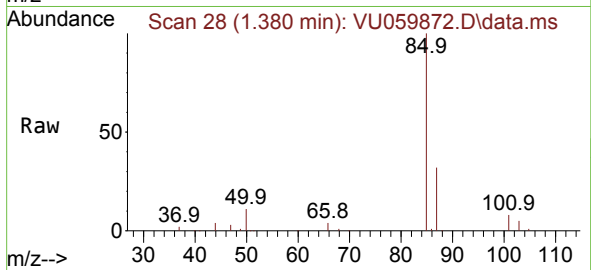




#2
Dichlorodifluoromethane
Concen: 4.596 ug/L
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU059872.D
Acq: 05 Jul 2024 19:56

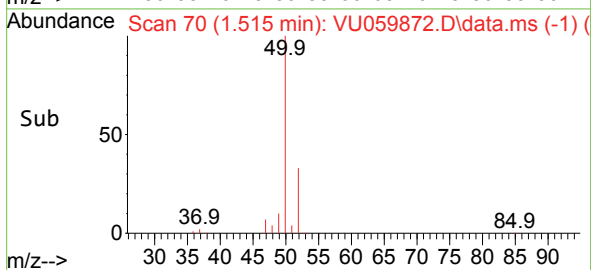
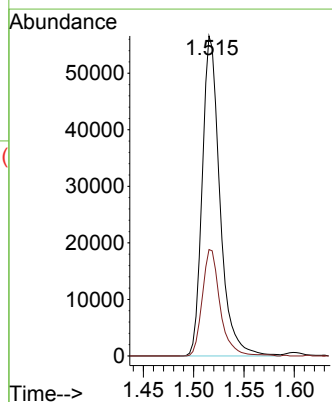
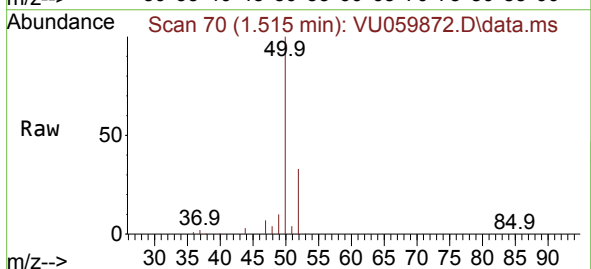
Instrument :
MSVOA_U
ClientSampleId :

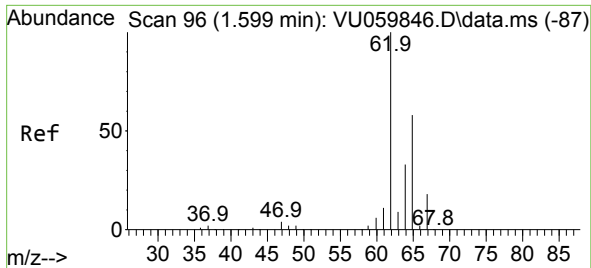
Tgt Ion: 85 Resp: 61211
Ion Ratio Lower Upper
85 100
87 32.4 26.6 40.0



#3
Chloromethane
Concen: 4.824 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU059872.D
Acq: 05 Jul 2024 19:56

Tgt Ion: 50 Resp: 69152
Ion Ratio Lower Upper
50 100
52 33.2 23.2 43.0

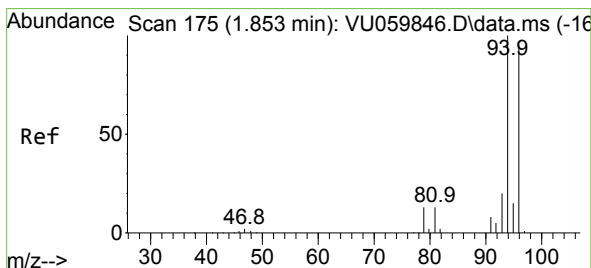
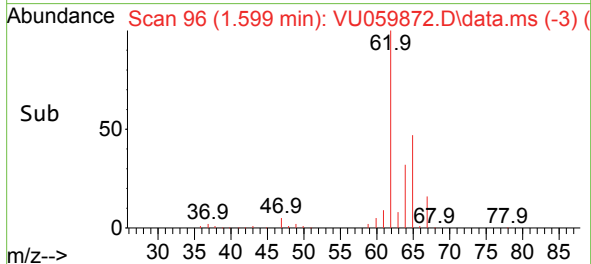
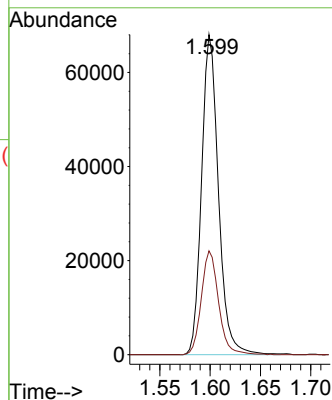
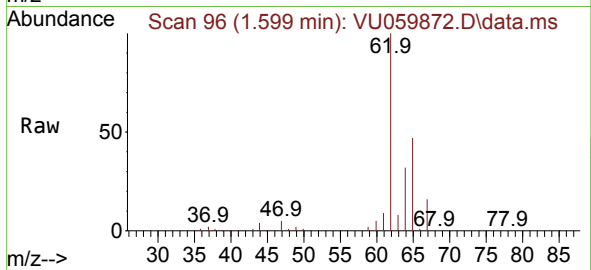




#5
 Vinyl chloride
 Concen: 5.016 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VU059872.D
 Acq: 05 Jul 2024 19:56

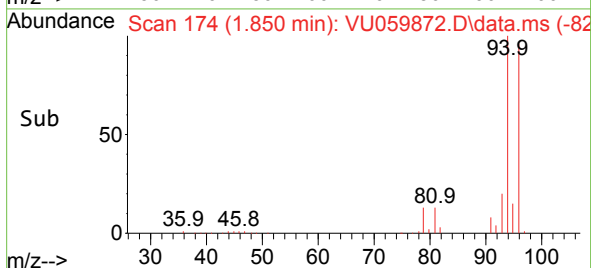
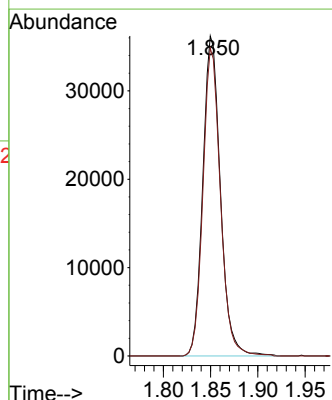
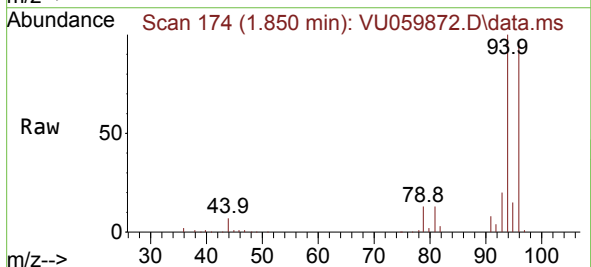
Instrument :
 MSVOA_U
 ClientSampleId :

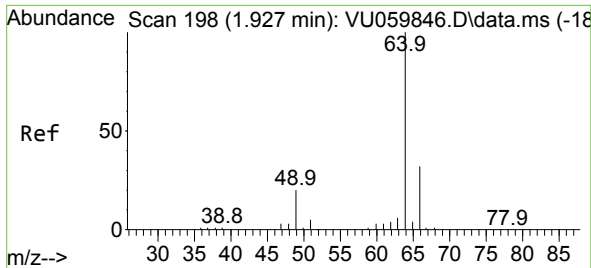
Tgt Ion: 62 Resp: 79433
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.1 42.9



#6
 Bromomethane
 Concen: 4.259 ug/L
 RT: 1.850 min Scan# 174
 Delta R.T. -0.003 min
 Lab File: VU059872.D
 Acq: 05 Jul 2024 19:56

Tgt Ion: 94 Resp: 46897
 Ion Ratio Lower Upper
 94 100
 96 96.2 62.9 116.9

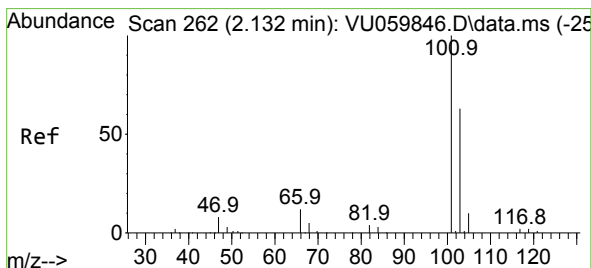
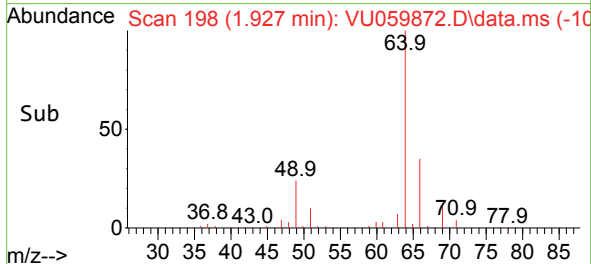
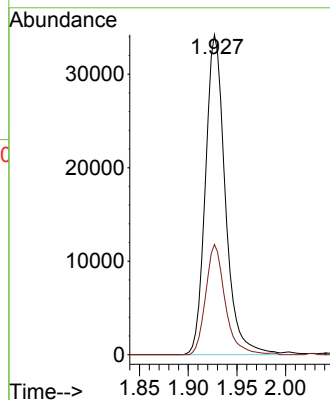
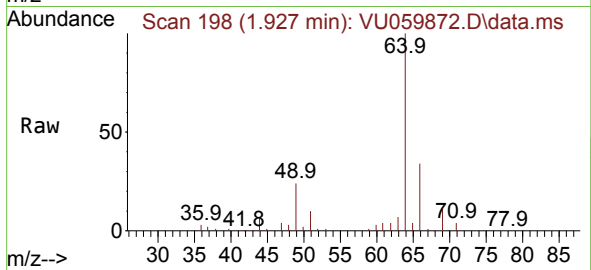




#8
Chloroethane
Concen: 5.092 ug/L
RT: 1.927 min Scan# 198
Delta R.T. 0.000 min
Lab File: VU059872.D
Acq: 05 Jul 2024 19:56

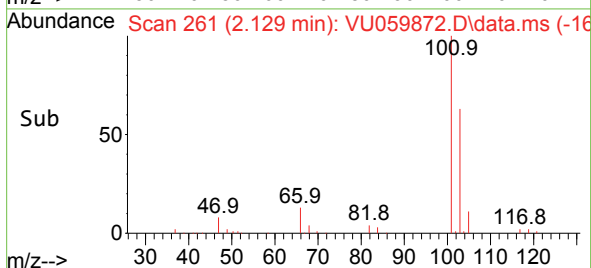
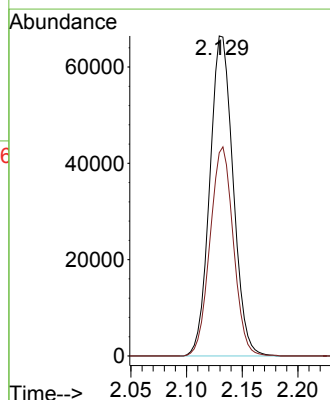
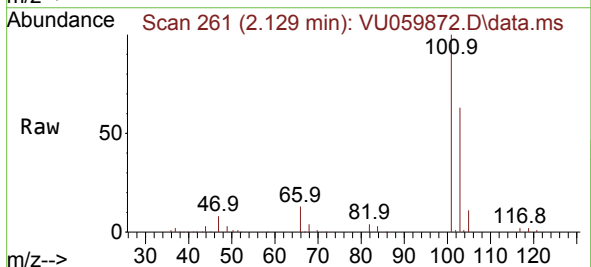
Instrument :
MSVOA_U
ClientSampleId :

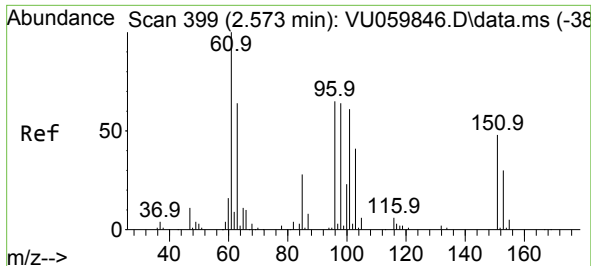
Tgt Ion: 64 Resp: 48589
Ion Ratio Lower Upper
64 100
66 34.5 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.079 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.003 min
Lab File: VU059872.D
Acq: 05 Jul 2024 19:56

Tgt Ion: 101 Resp: 96826
Ion Ratio Lower Upper
101 100
103 65.3 52.6 79.0

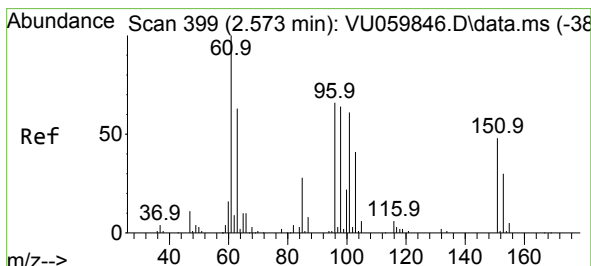
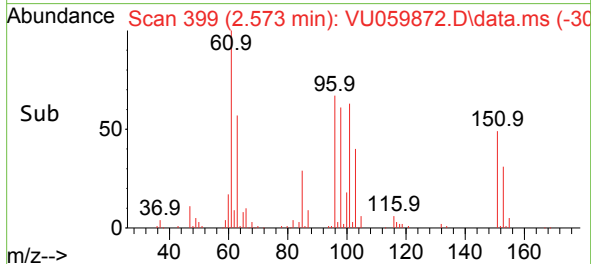
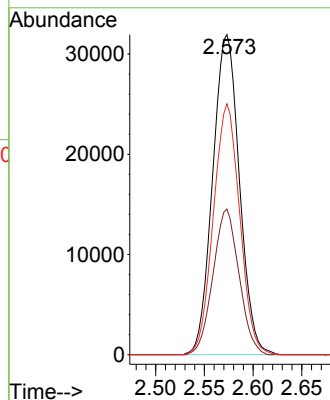
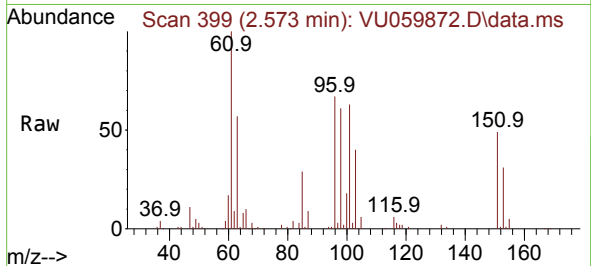




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.050 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU059872.D
 Acq: 05 Jul 2024 19:56

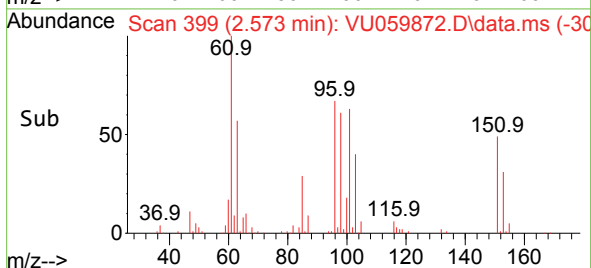
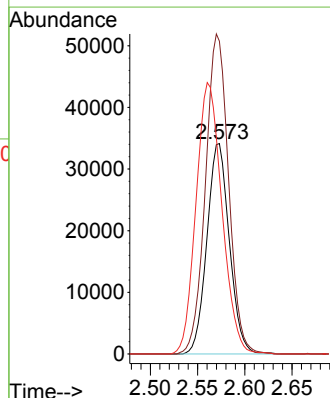
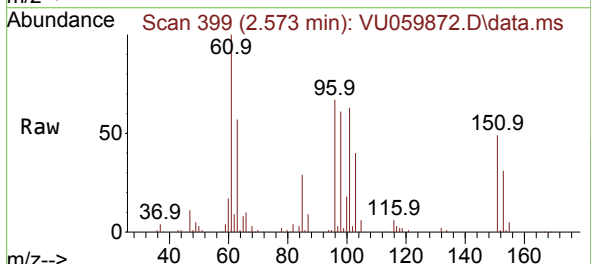
Instrument :
 MSVOA_U
 ClientSampleId :

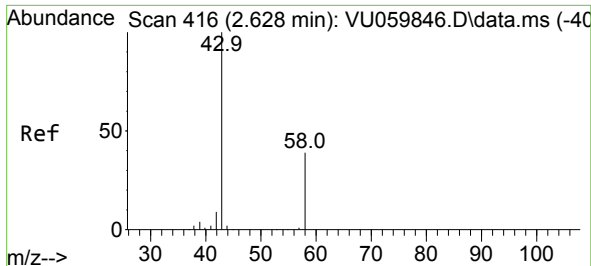
Tgt Ion:101 Resp: 60937
 Ion Ratio Lower Upper
 101 100
 85 44.3 36.2 54.4
 151 77.3 55.5 83.3



#12
 1,1-Dichloroethene
 Concen: 5.051 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU059872.D
 Acq: 05 Jul 2024 19:56

Tgt Ion: 96 Resp: 56317
 Ion Ratio Lower Upper
 96 100
 61 148.7 122.9 228.3
 63 85.1 80.4 149.4





#13

Acetone

Concen: 46.466 ug/L

RT: 2.625 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU059872.D

Acq: 05 Jul 2024 19:56

Instrument :

MSVOA_U

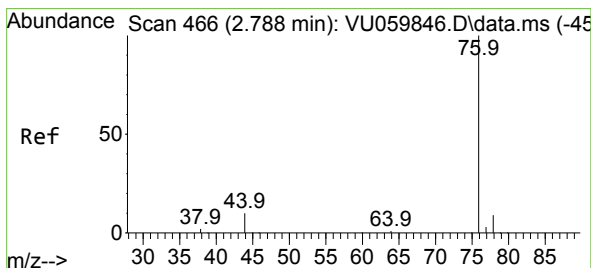
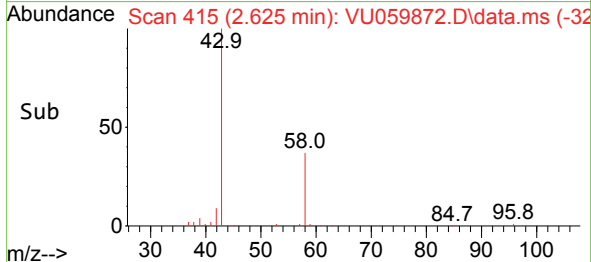
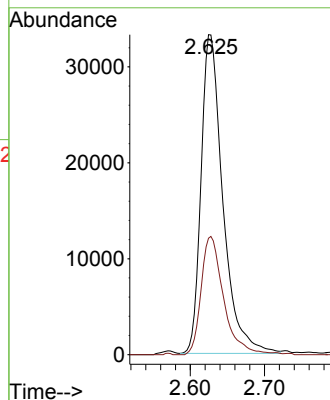
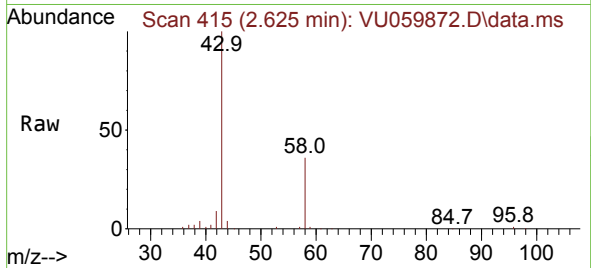
ClientSampleId :

Tgt Ion: 43 Resp: 67863

Ion Ratio Lower Upper

43 100

58 38.1 0.0 68.0



#14

Carbon disulfide

Concen: 4.728 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU059872.D

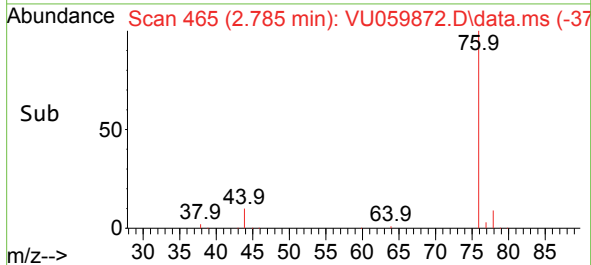
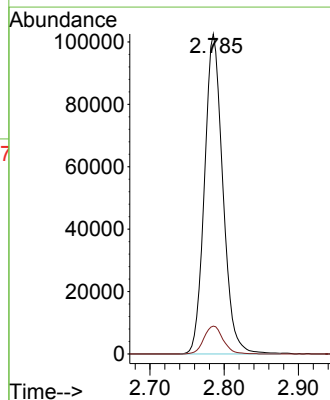
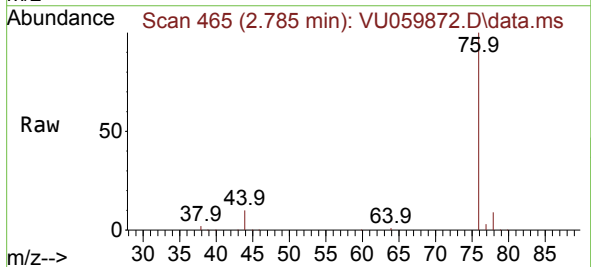
Acq: 05 Jul 2024 19:56

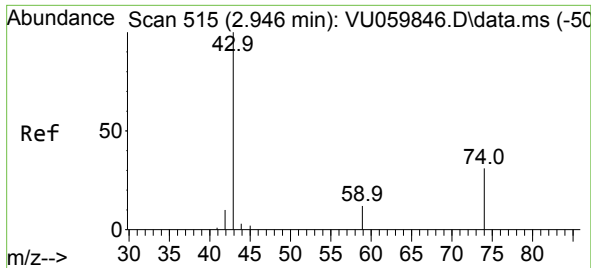
Tgt Ion: 76 Resp: 175863

Ion Ratio Lower Upper

76 100

78 8.7 7.3 10.9

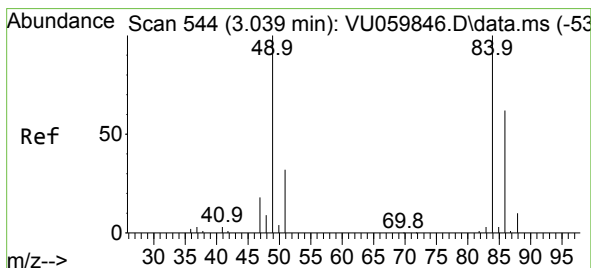
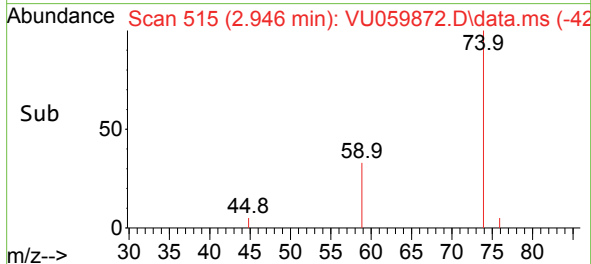
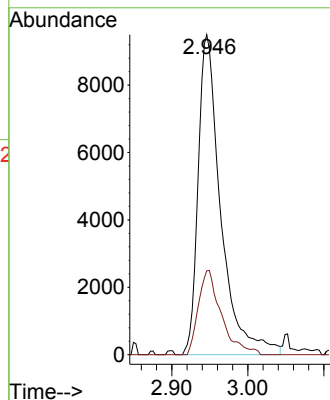
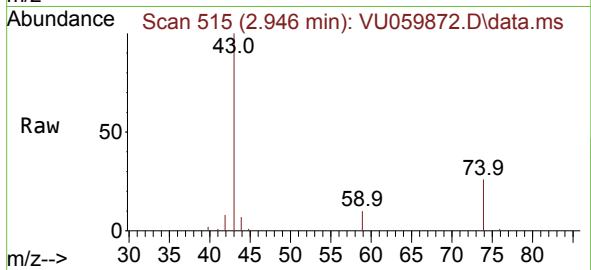




#15
Methyl Acetate
Concen: 5.088 ug/L
RT: 2.946 min Scan# 515
Delta R.T. 0.000 min
Lab File: VU059872.D
Acq: 05 Jul 2024 19:56

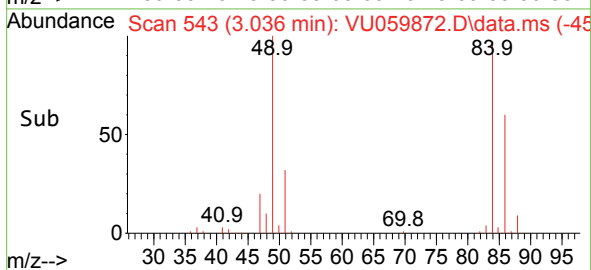
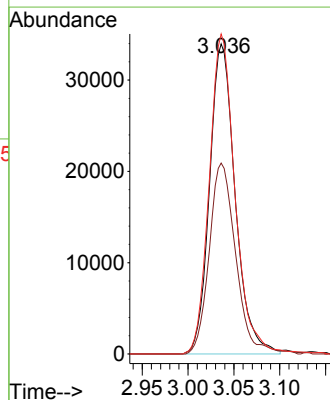
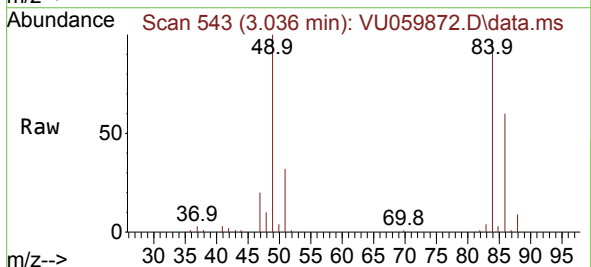
Instrument :
MSVOA_U
ClientSampleId :

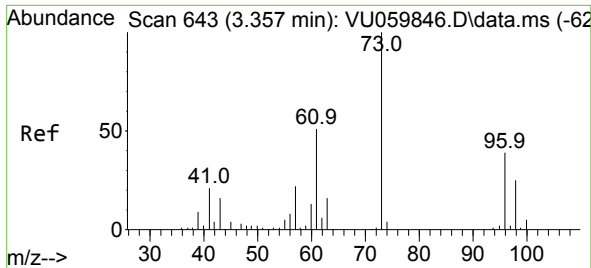
Tgt Ion: 43 Resp: 19608
Ion Ratio Lower Upper
43 100
74 26.8 19.2 28.8



#16
Methylene chloride
Concen: 5.003 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU059872.D
Acq: 05 Jul 2024 19:56

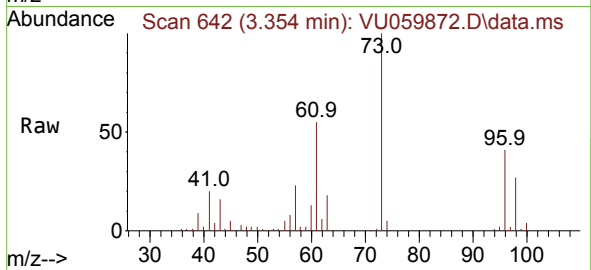
Tgt Ion: 84 Resp: 66090
Ion Ratio Lower Upper
84 100
86 61.5 42.1 78.1
49 103.2 80.6 149.8



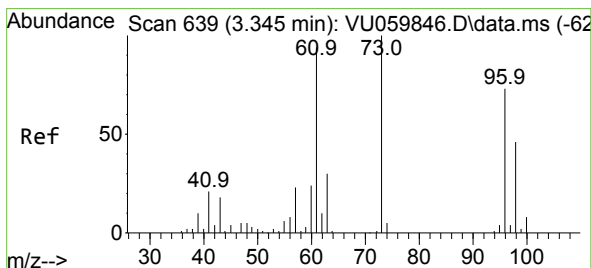
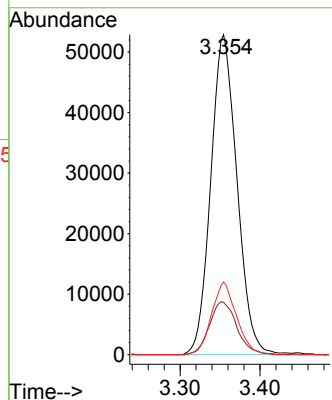
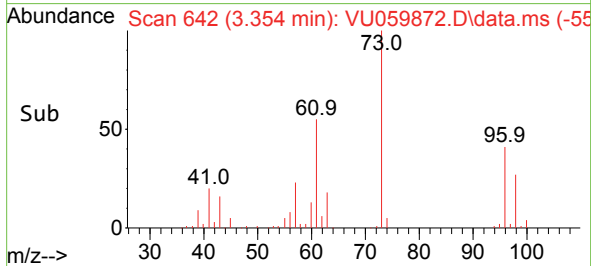


#17
Methyl tert-butyl Ether
Concen: 5.002 ug/L
RT: 3.354 min Scan# 64
Delta R.T. -0.003 min
Lab File: VU059872.D
Acq: 05 Jul 2024 19:56

Instrument :
MSVOA_U
ClientSampleId :

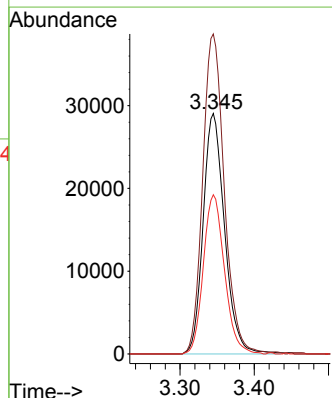
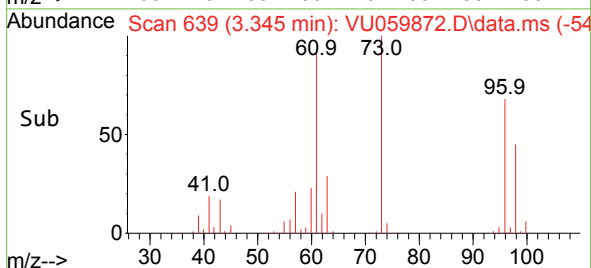
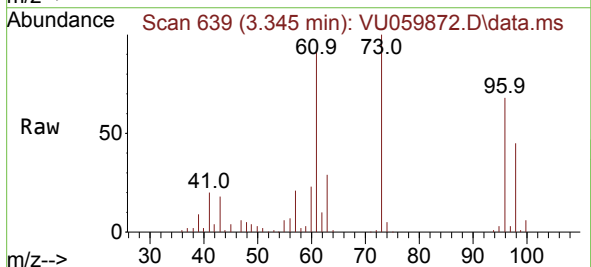


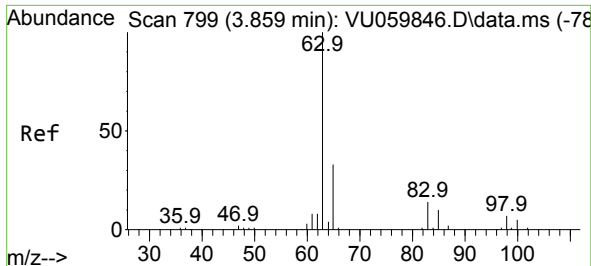
Tgt Ion: 73 Resp: 120172
Ion Ratio Lower Upper
73 100
43 17.3 14.9 22.3
57 21.7 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 5.023 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU059872.D
Acq: 05 Jul 2024 19:56

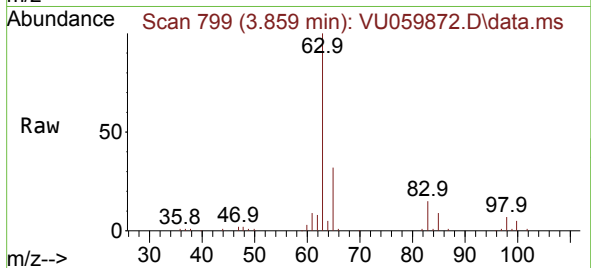
Tgt Ion: 96 Resp: 58233
Ion Ratio Lower Upper
96 100
61 133.1 101.8 189.0
98 66.2 43.3 80.5



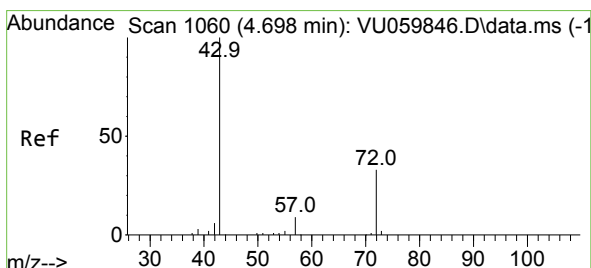
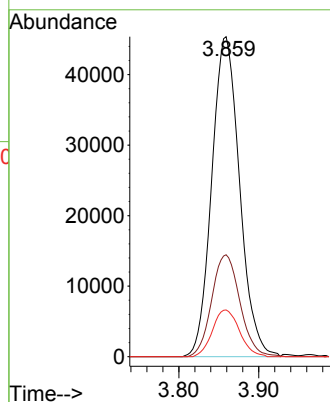
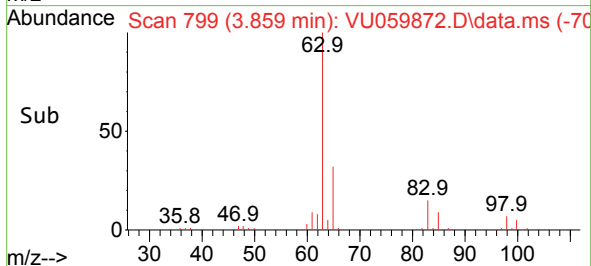


#19
1,1-Dichloroethane
Concen: 5.129 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU059872.D
Acq: 05 Jul 2024 19:56

Instrument :
MSVOA_U
ClientSampleId :

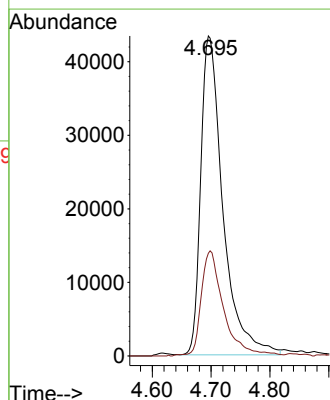
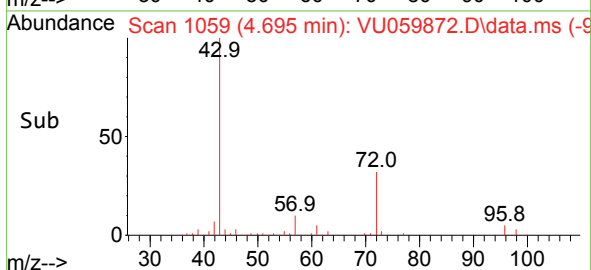
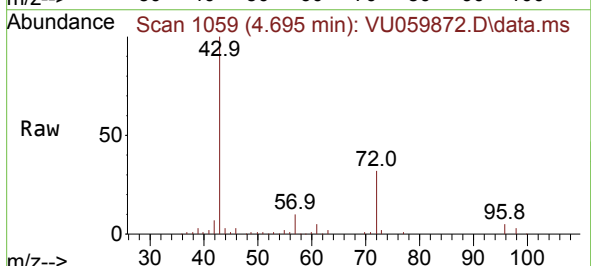


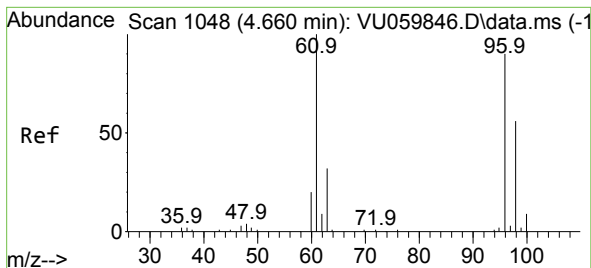
Tgt Ion: 63 Resp: 109654
Ion Ratio Lower Upper
63 100
65 31.9 21.8 40.6
83 14.6 9.9 18.5



#21
2-Butanone
Concen: 48.445 ug/L
RT: 4.695 min Scan# 1059
Delta R.T. -0.003 min
Lab File: VU059872.D
Acq: 05 Jul 2024 19:56

Tgt Ion: 43 Resp: 113486
Ion Ratio Lower Upper
43 100
72 33.3 13.8 41.4





#22

cis-1,2-Dichloroethene

Concen: 5.218 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. -0.003 min

Lab File: VU059872.D

Acq: 05 Jul 2024 19:56

Instrument :

MSVOA_U

ClientSampleId :

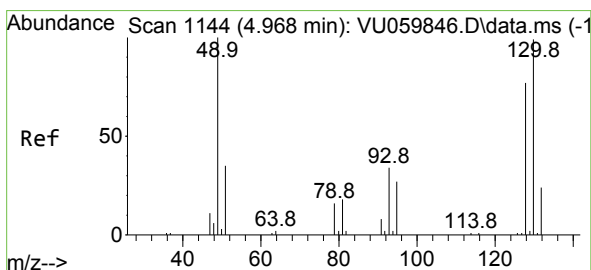
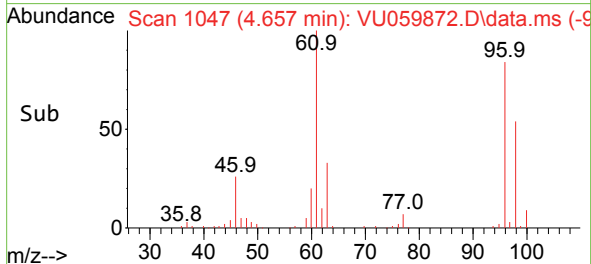
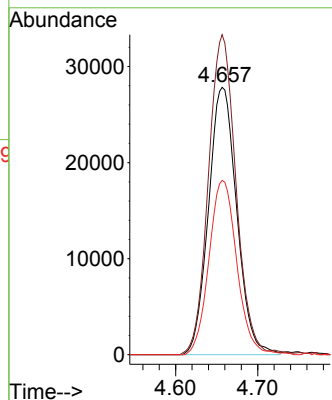
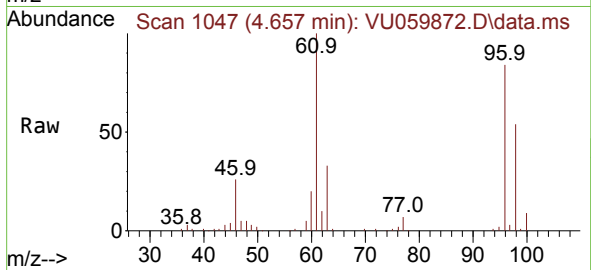
Tgt Ion: 96 Resp: 66679

Ion Ratio Lower Upper

96 100

61 119.7 87.4 162.2

98 65.1 42.3 78.5



#23

Bromochloromethane

Concen: 5.372 ug/L

RT: 4.965 min Scan# 1143

Delta R.T. -0.003 min

Lab File: VU059872.D

Acq: 05 Jul 2024 19:56

Tgt Ion: 128 Resp: 31299

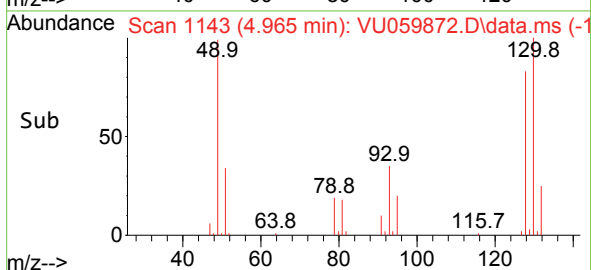
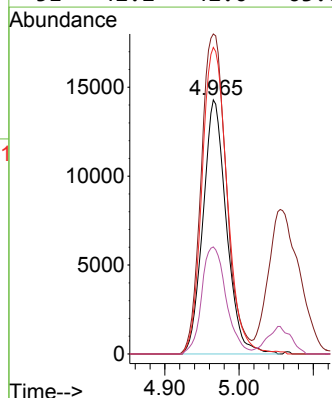
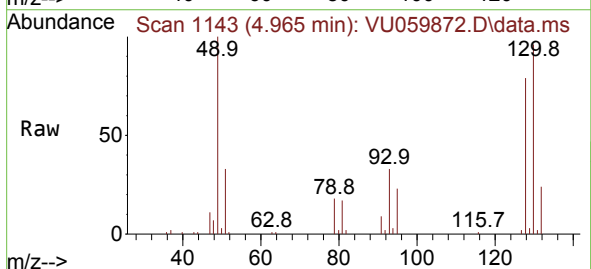
Ion Ratio Lower Upper

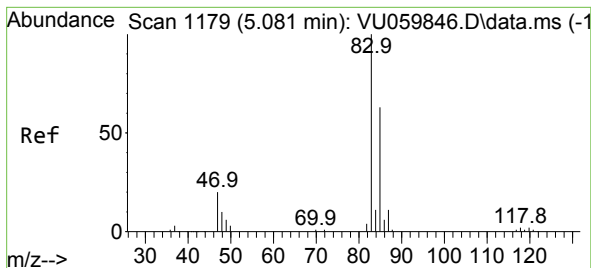
128 100

49 126.0 117.0 217.4

130 120.7 89.6 166.4

51 42.2 42.0 63.0





#25

Chloroform

Concen: 5.236 ug/L

RT: 5.078 min Scan# 1179

Delta R.T. -0.003 min

Lab File: VU059872.D

Acq: 05 Jul 2024 19:56

Instrument :

MSVOA_U

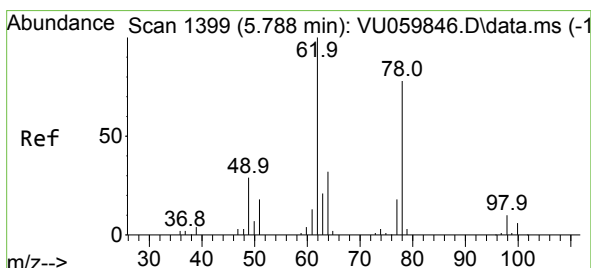
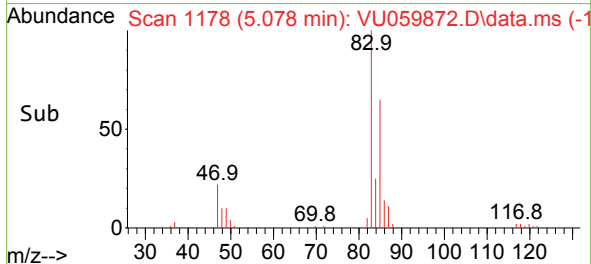
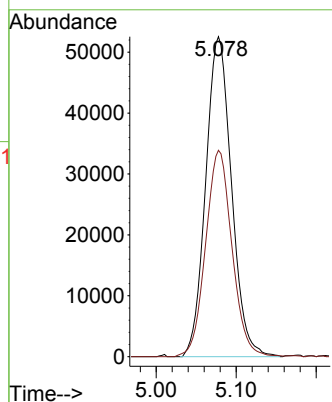
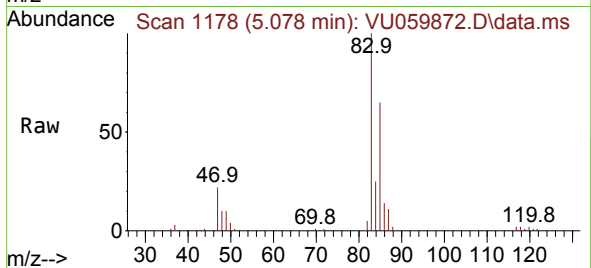
ClientSampleId :

Tgt Ion: 83 Resp: 117908

Ion Ratio Lower Upper

83 100

85 64.5 44.7 83.1



#27

1,2-Dichloroethane

Concen: 4.972 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.003 min

Lab File: VU059872.D

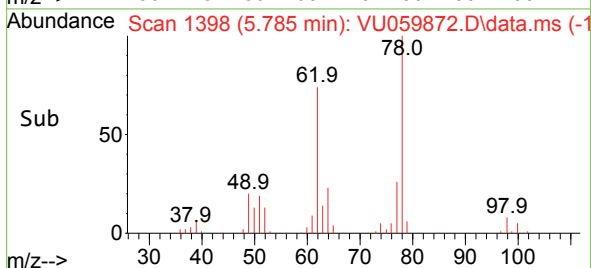
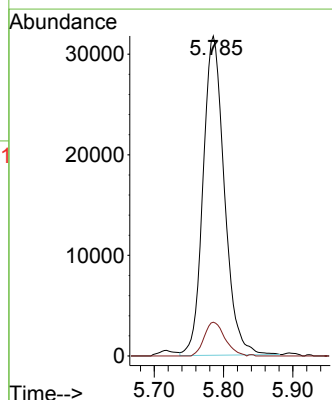
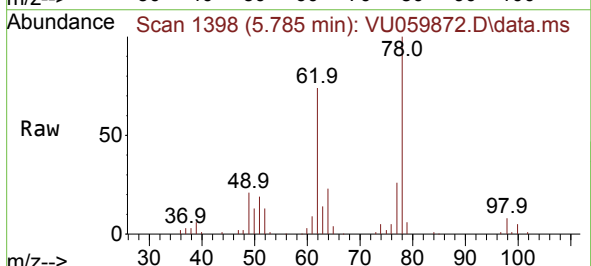
Acq: 05 Jul 2024 19:56

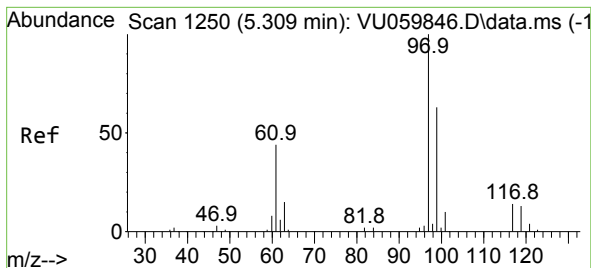
Tgt Ion: 62 Resp: 67856

Ion Ratio Lower Upper

62 100

98 10.6 7.5 11.3





#29

1,1,1-Trichloroethane

Concen: 5.188 ug/L

RT: 5.306 min Scan# 1249

Delta R.T. -0.003 min

Lab File: VU059872.D

Acq: 05 Jul 2024 19:56

Instrument :

MSVOA_U

ClientSampleId :

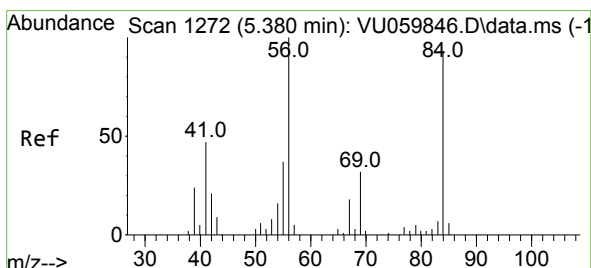
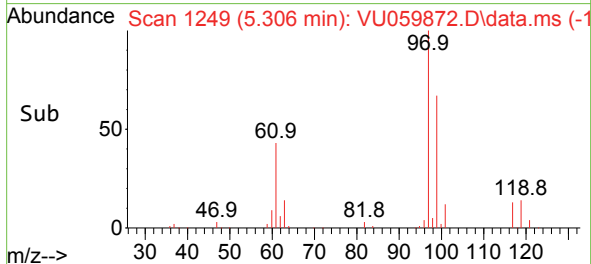
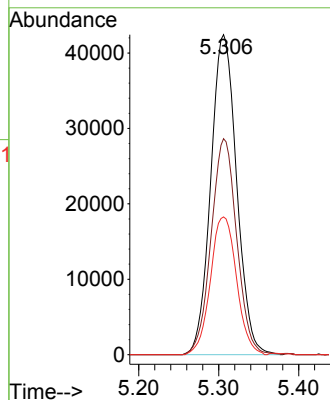
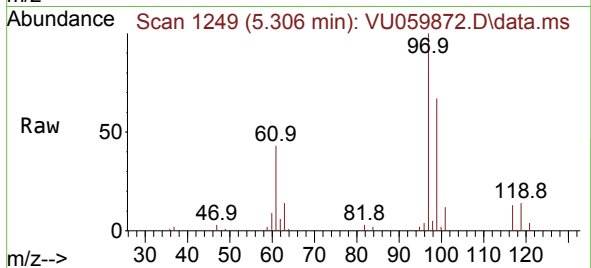
Tgt Ion: 97 Resp: 95421

Ion Ratio Lower Upper

97 100

99 66.9 51.8 77.6

61 43.5 37.4 56.2



#30

Cyclohexane

Concen: 4.904 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VU059872.D

Acq: 05 Jul 2024 19:56

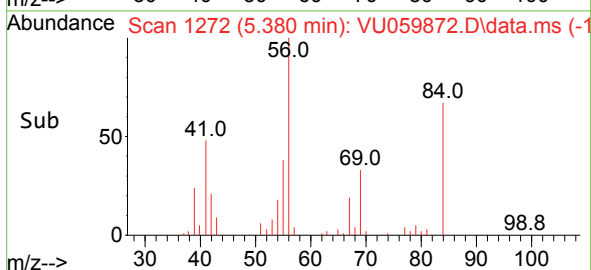
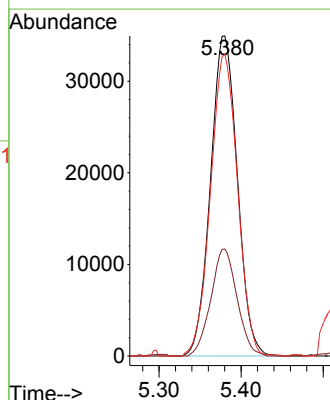
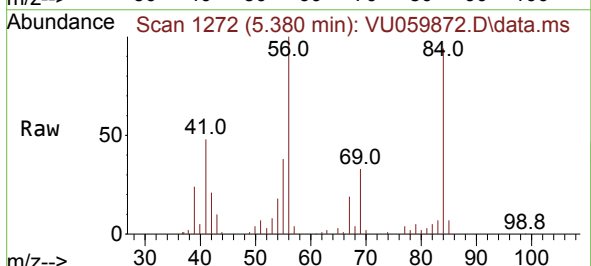
Tgt Ion: 56 Resp: 79619

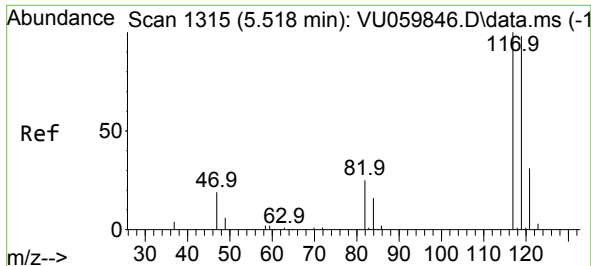
Ion Ratio Lower Upper

56 100

69 32.5 24.8 37.2

84 94.8 69.8 104.8

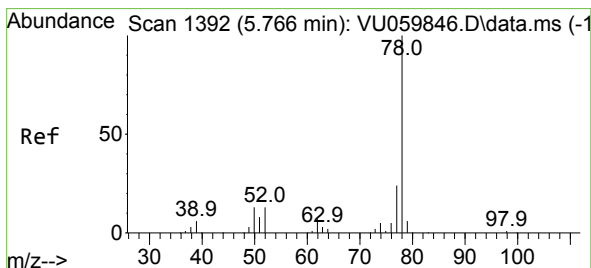
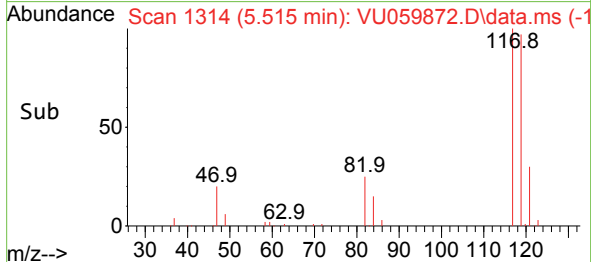
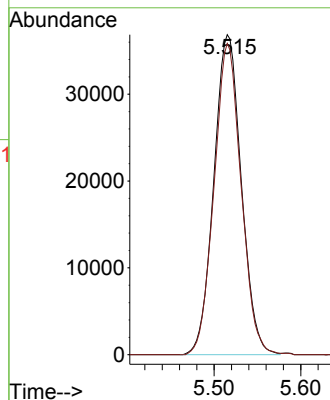
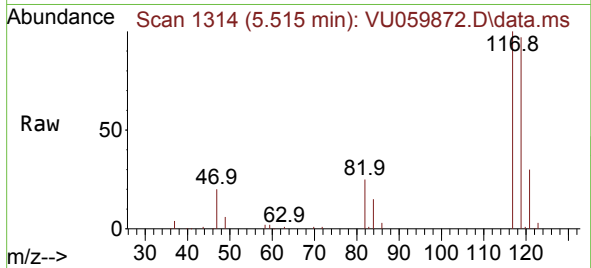




#31
Carbon tetrachloride
Concen: 5.271 ug/L
RT: 5.515 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU059872.D
Acq: 05 Jul 2024 19:56

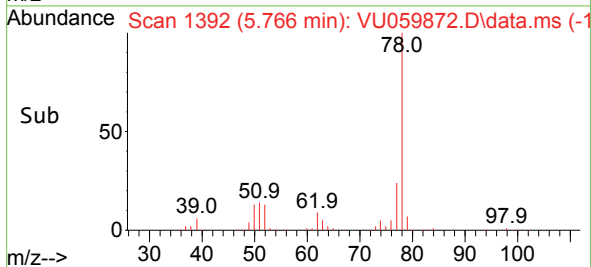
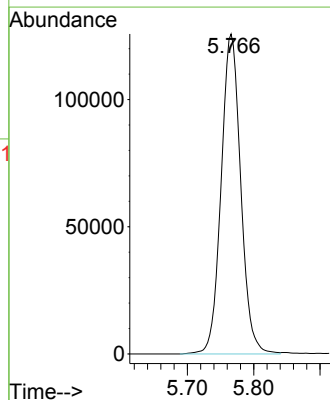
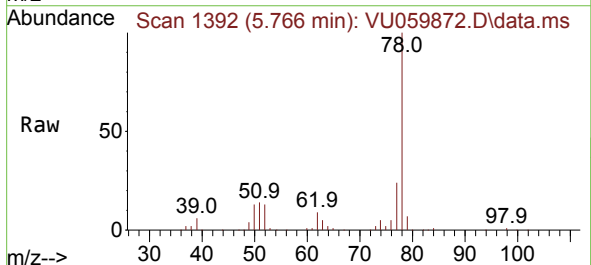
Instrument :
MSVOA_U
ClientSampleId :

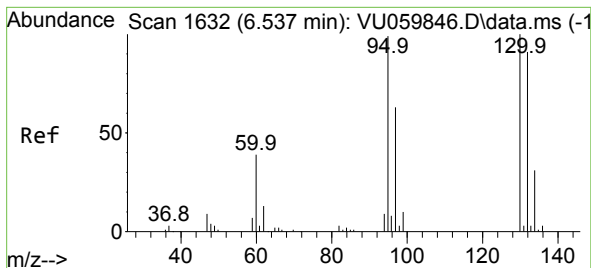
Tgt Ion:117 Resp: 81159
Ion Ratio Lower Upper
117 100
119 95.7 77.5 116.3



#33
Benzene
Concen: 5.338 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU059872.D
Acq: 05 Jul 2024 19:56

Tgt Ion: 78 Resp: 258163





#34

Trichloroethene

Concen: 5.104 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU059872.D

Acq: 05 Jul 2024 19:56

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 66844

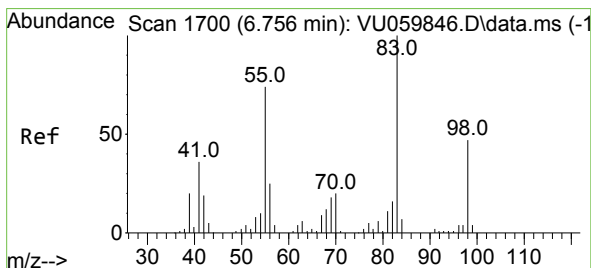
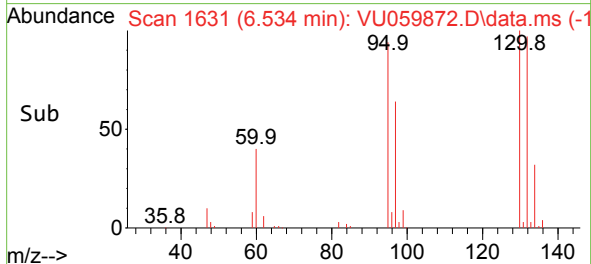
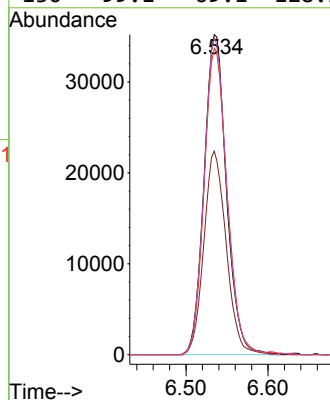
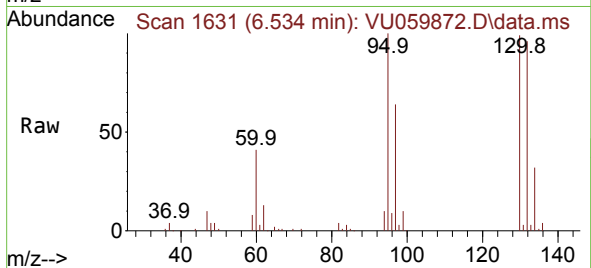
Ion Ratio Lower Upper

95 100

97 63.6 45.3 84.1

132 95.7 64.0 119.0

130 99.1 69.1 128.3



#35

Methylcyclohexane

Concen: 4.844 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU059872.D

Acq: 05 Jul 2024 19:56

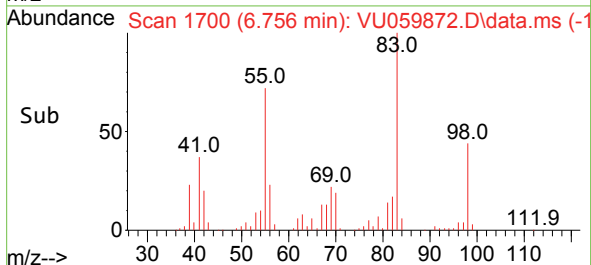
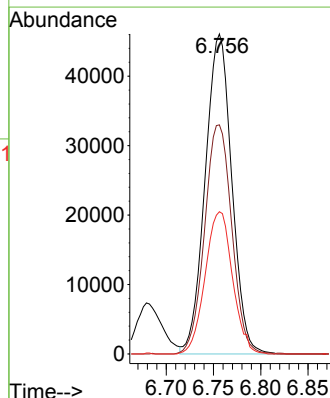
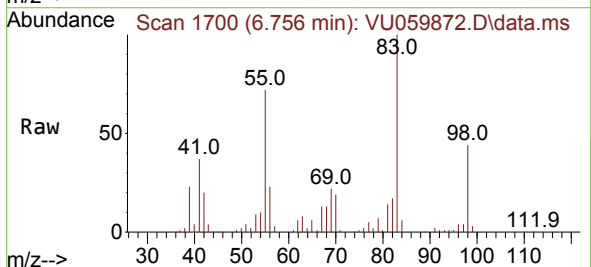
Tgt Ion: 83 Resp: 90270

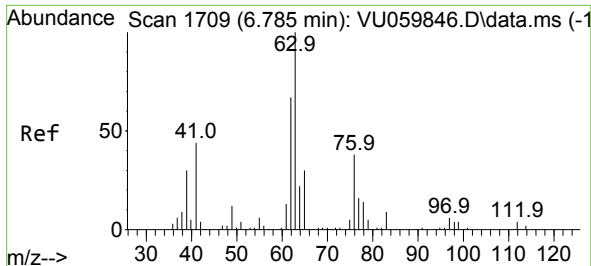
Ion Ratio Lower Upper

83 100

55 73.1 62.7 94.1

98 45.8 35.4 53.0

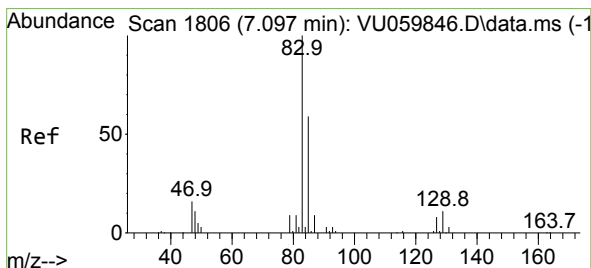
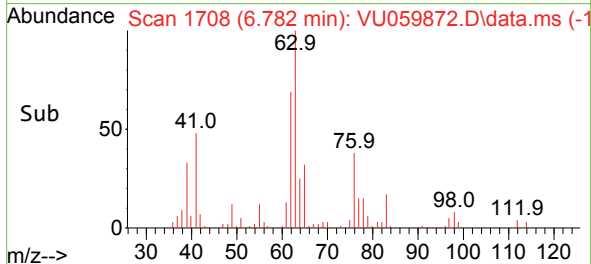
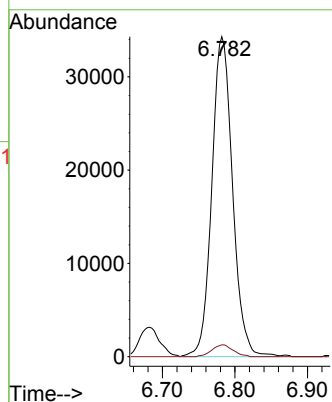
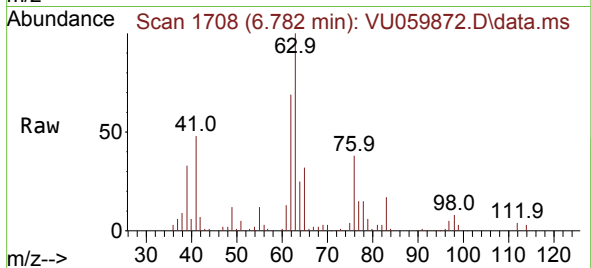




#37
1,2-Dichloropropane
Concen: 5.453 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU059872.D
Acq: 05 Jul 2024 19:56

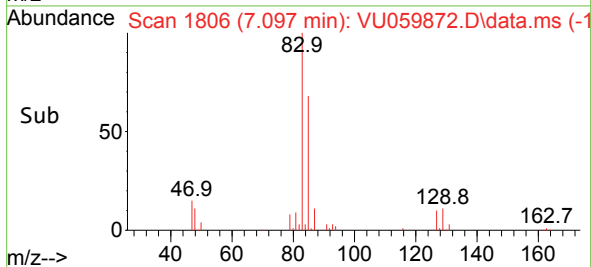
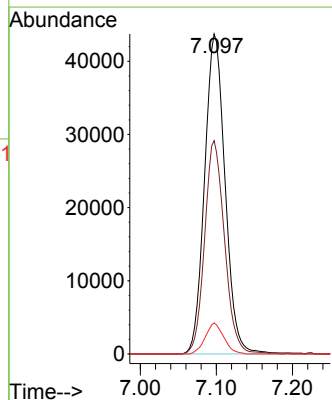
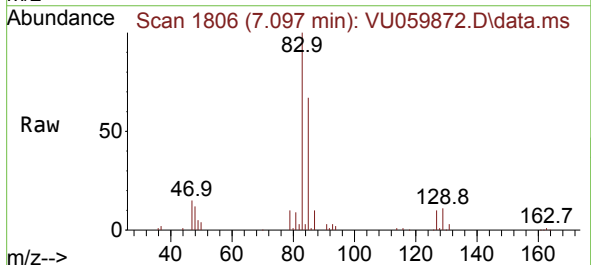
Instrument :
MSVOA_U
ClientSampleId :

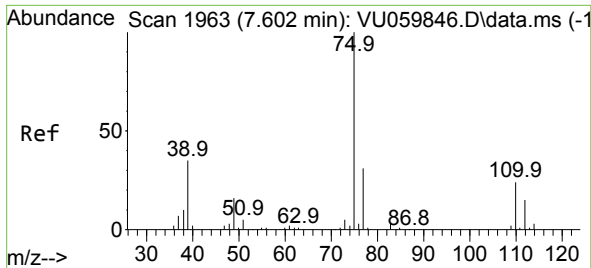
Tgt Ion: 63 Resp: 68248
Ion Ratio Lower Upper
63 100
112 3.8 2.6 3.8



#38
Bromodichloromethane
Concen: 5.242 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU059872.D
Acq: 05 Jul 2024 19:56

Tgt Ion: 83 Resp: 81897
Ion Ratio Lower Upper
83 100
85 66.7 42.7 79.3
127 9.7 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 4.944 ug/L

RT: 7.599 min Scan# 1962

Delta R.T. -0.003 min

Lab File: VU059872.D

Acq: 05 Jul 2024 19:56

Instrument :

MSVOA_U

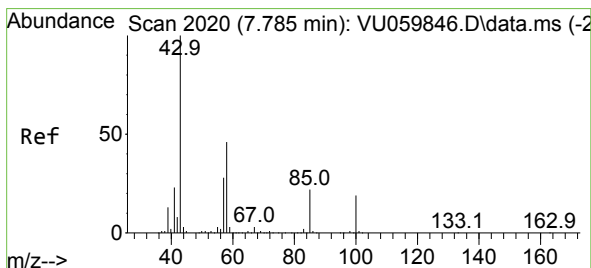
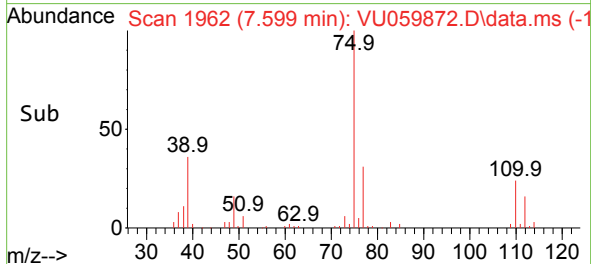
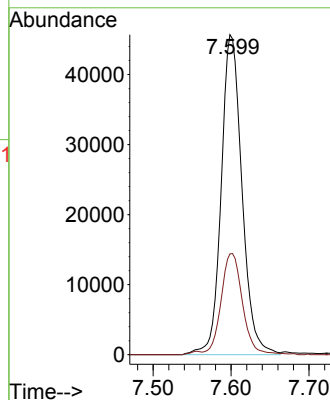
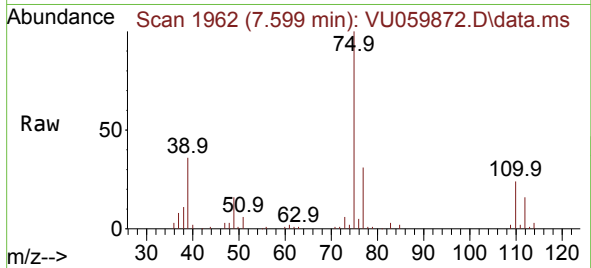
ClientSampleId :

Tgt Ion: 75 Resp: 84621

Ion Ratio Lower Upper

75 100

77 31.5 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 49.768 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. -0.003 min

Lab File: VU059872.D

Acq: 05 Jul 2024 19:56

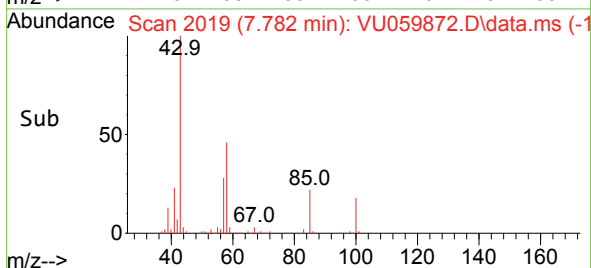
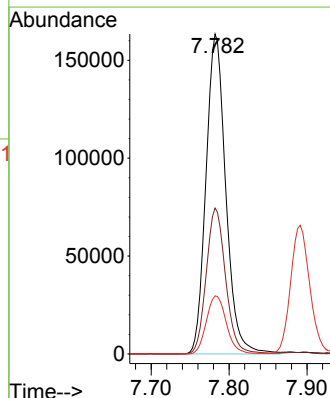
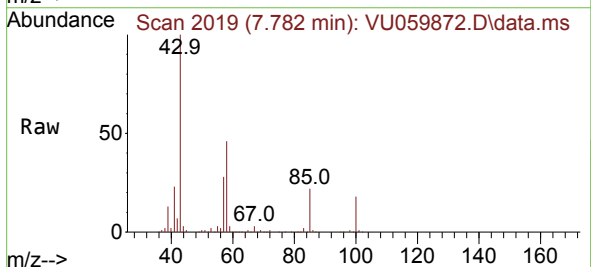
Tgt Ion: 43 Resp: 288620

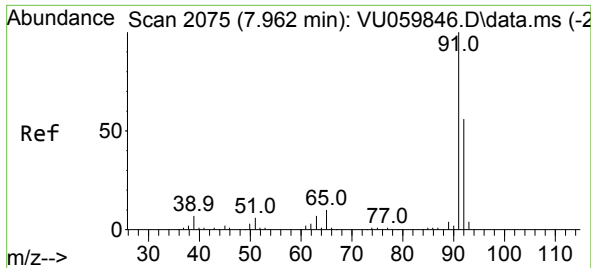
Ion Ratio Lower Upper

43 100

58 44.7 34.0 51.0

100 18.4 12.1 18.1#





#42

Toluene

Concen: 5.516 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU059872.D

Acq: 05 Jul 2024 19:56

Instrument :

MSVOA_U

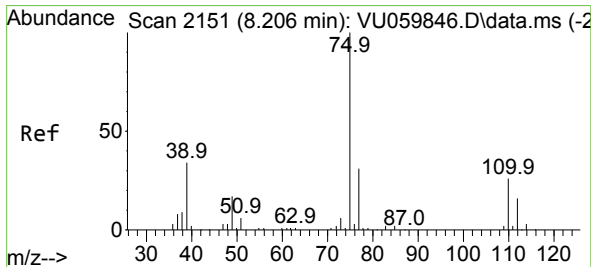
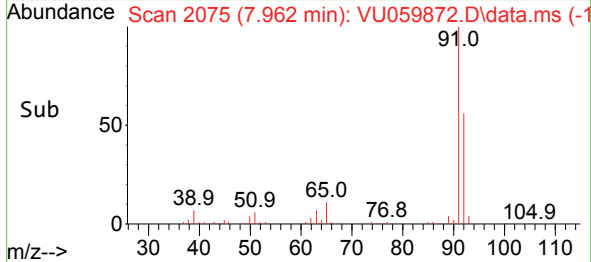
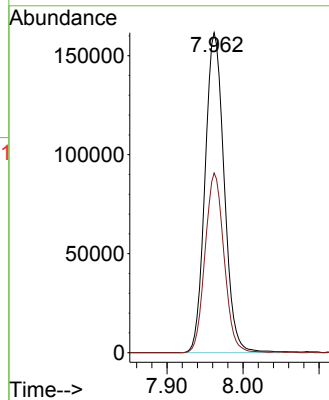
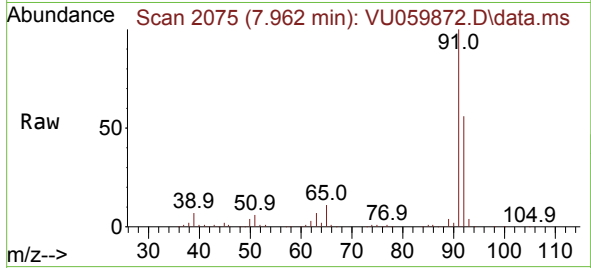
ClientSampleId :

Tgt Ion: 91 Resp: 282448

Ion Ratio Lower Upper

91 100

92 56.2 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.097 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU059872.D

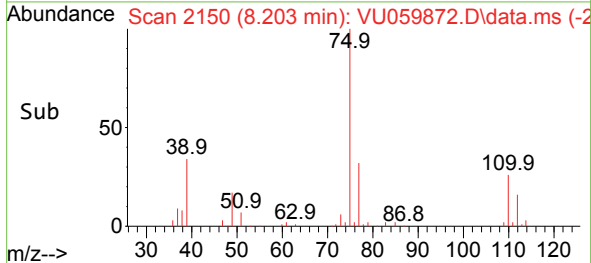
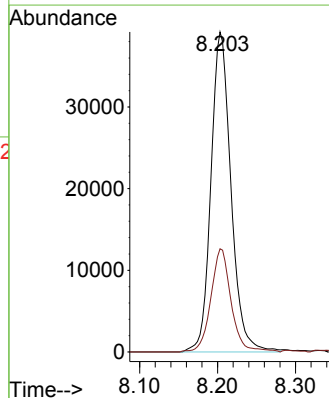
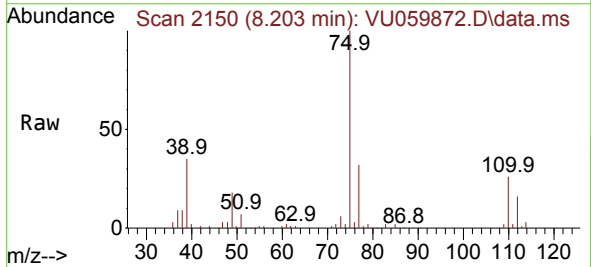
Acq: 05 Jul 2024 19:56

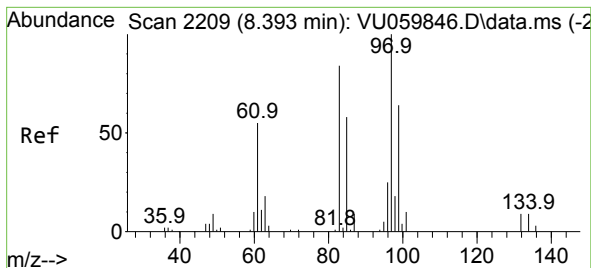
Tgt Ion: 75 Resp: 70018

Ion Ratio Lower Upper

75 100

77 32.3 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 5.344 ug/L

RT: 8.393 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VU059872.D

Acq: 05 Jul 2024 19:56

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 49287

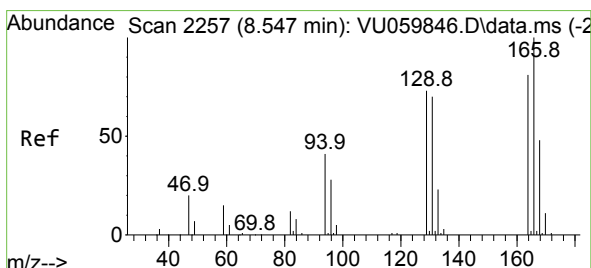
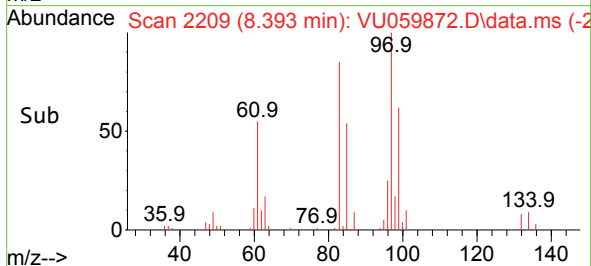
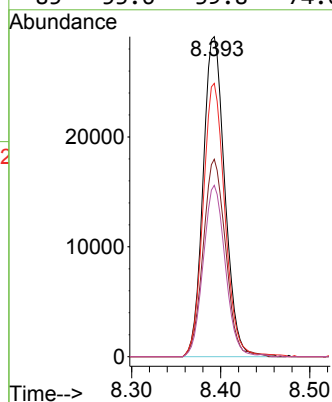
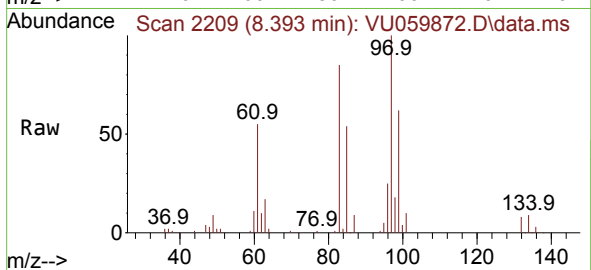
Ion Ratio Lower Upper

97 100

99 61.7 43.3 80.3

83 85.4 62.3 115.7

85 53.6 39.8 74.0



#47

Tetrachloroethene

Concen: 5.246 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU059872.D

Acq: 05 Jul 2024 19:56

Tgt Ion: 164 Resp: 53318

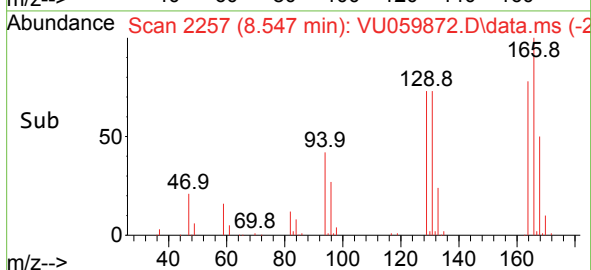
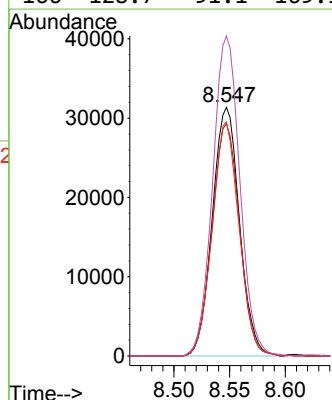
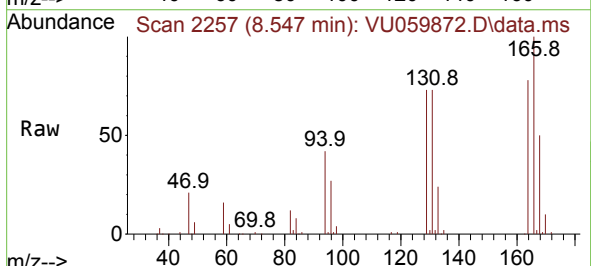
Ion Ratio Lower Upper

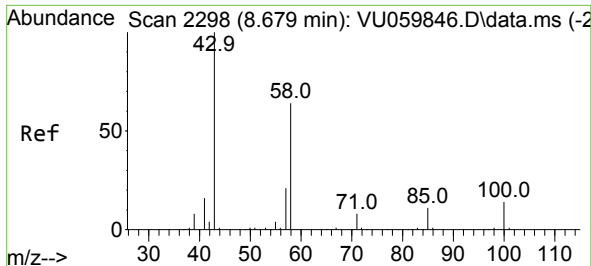
164 100

129 93.4 70.8 131.4

131 94.1 64.8 120.3

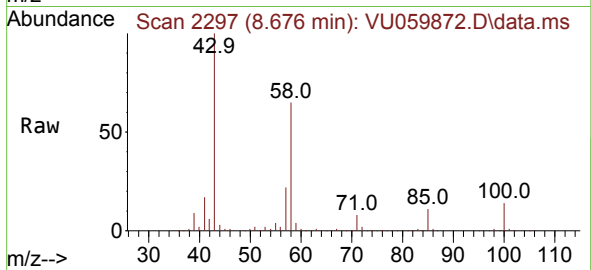
166 128.7 91.1 169.1



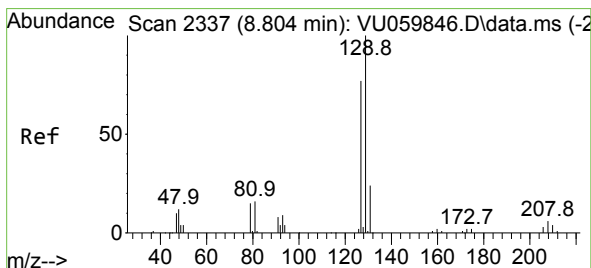
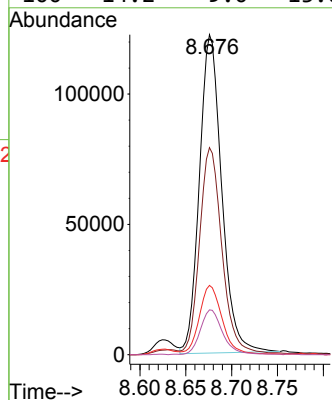
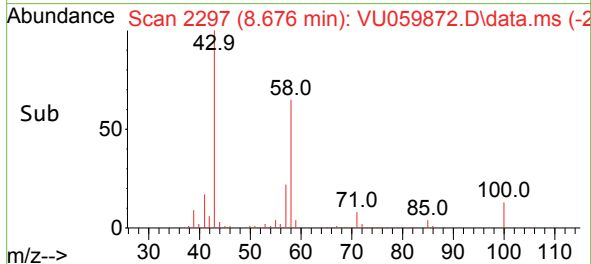


#48
2-Hexanone
Concen: 49.905 ug/L
RT: 8.676 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU059872.D
Acq: 05 Jul 2024 19:56

Instrument :
MSVOA_U
ClientSampleId :

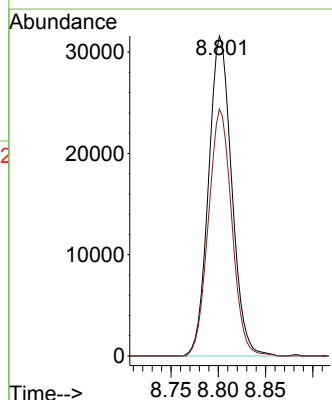
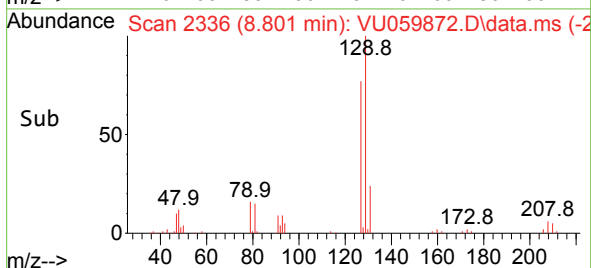
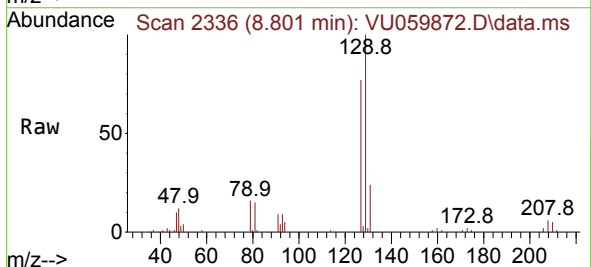


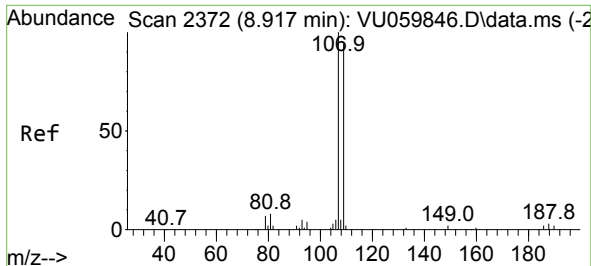
Tgt Ion: 43 Resp: 206554
Ion Ratio Lower Upper
43 100
58 64.3 46.1 69.1
57 22.5 15.5 23.3
100 14.2 9.0 13.6#



#49
Dibromochloromethane
Concen: 5.275 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.003 min
Lab File: VU059872.D
Acq: 05 Jul 2024 19:56

Tgt Ion: 129 Resp: 53893
Ion Ratio Lower Upper
129 100
127 77.2 52.5 97.5





#50

1,2-Dibromoethane

Concen: 5.244 ug/L

RT: 8.917 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU059872.D

Acq: 05 Jul 2024 19:56

Instrument :

MSVOA_U

ClientSampleId :

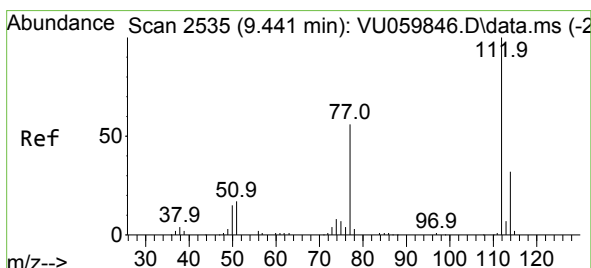
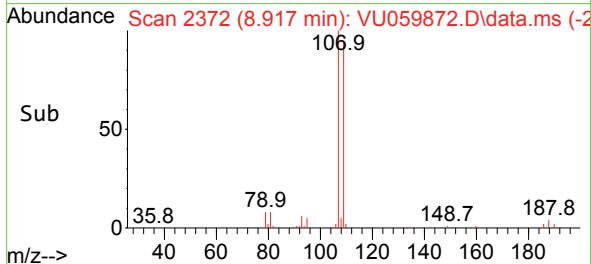
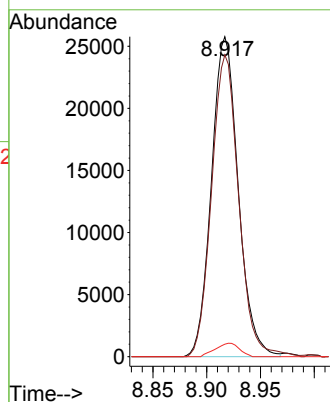
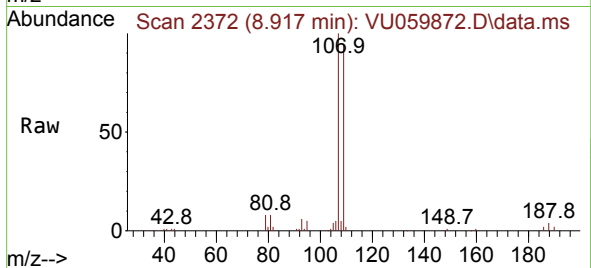
Tgt Ion:107 Resp: 44668

Ion Ratio Lower Upper

107 100

109 94.3 66.9 124.3

188 3.9 2.7 4.1



#51

Chlorobenzene

Concen: 5.343 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.000 min

Lab File: VU059872.D

Acq: 05 Jul 2024 19:56

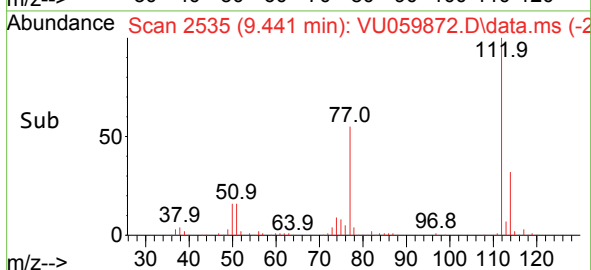
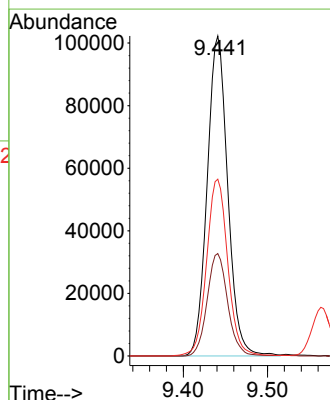
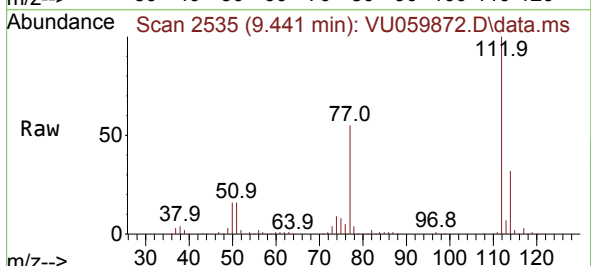
Tgt Ion:112 Resp: 173521

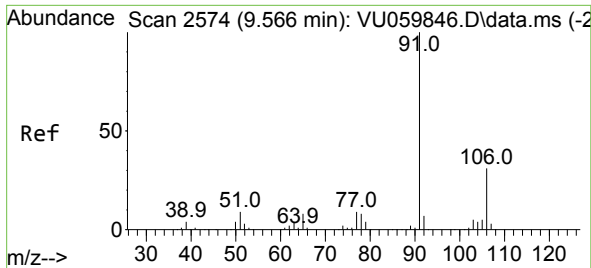
Ion Ratio Lower Upper

112 100

114 32.0 22.4 41.6

77 55.3 49.1 73.7

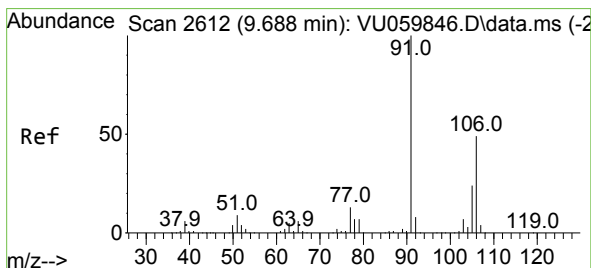
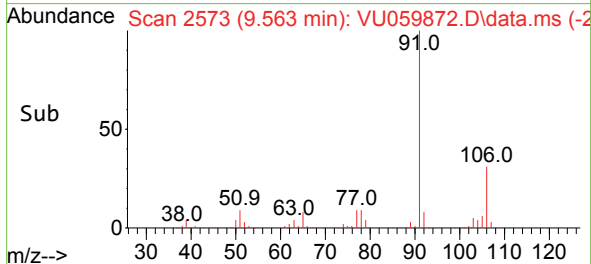
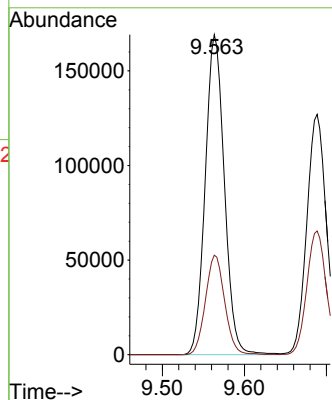
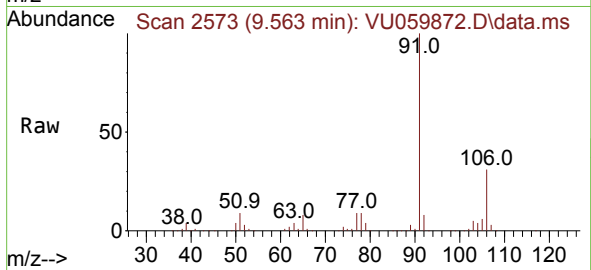




#52
Ethylbenzene
Concen: 5.211 ug/L
RT: 9.563 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU059872.D
Acq: 05 Jul 2024 19:56

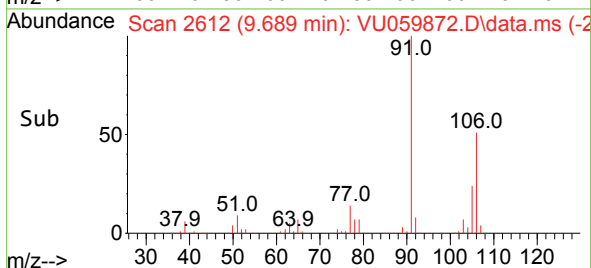
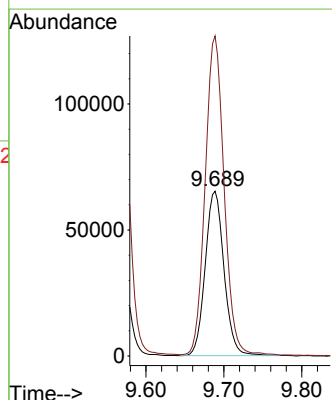
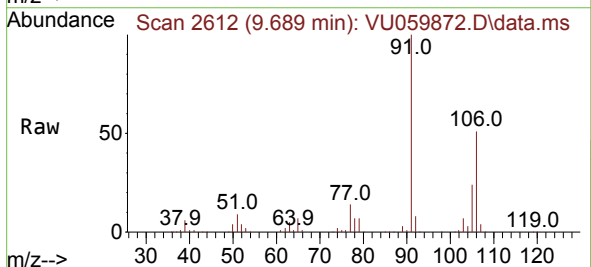
Instrument :
MSVOA_U
ClientSampleId :

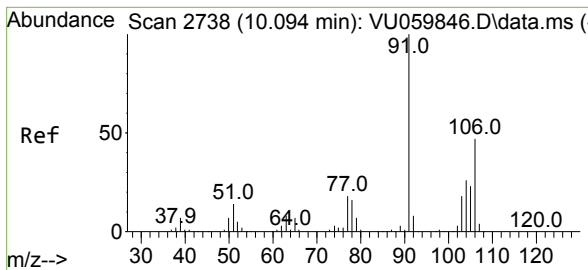
Tgt Ion: 91 Resp: 273689
Ion Ratio Lower Upper
91 100
106 31.1 20.9 38.7



#53
m,p-Xylene
Concen: 5.426 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU059872.D
Acq: 05 Jul 2024 19:56

Tgt Ion:106 Resp: 109454
Ion Ratio Lower Upper
106 100
91 194.2 142.0 263.8

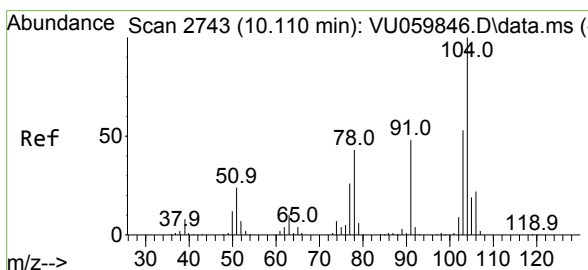
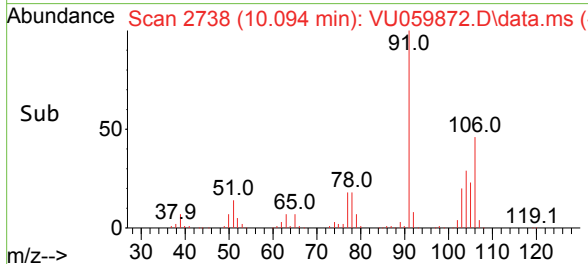
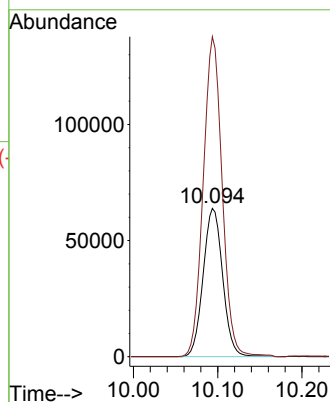
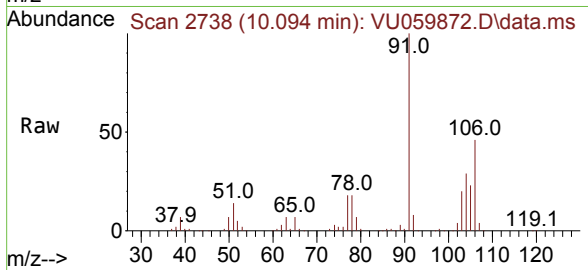




#54
o-Xylene
Concen: 5.385 ug/L
RT: 10.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU059872.D
Acq: 05 Jul 2024 19:56

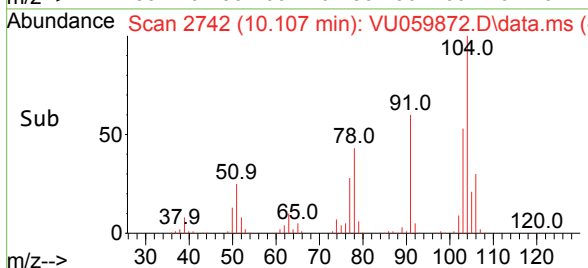
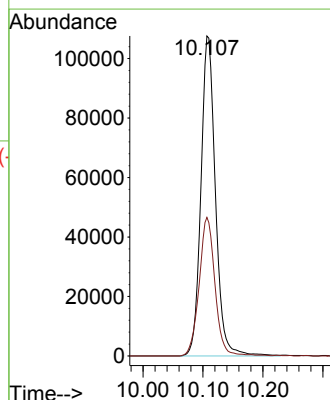
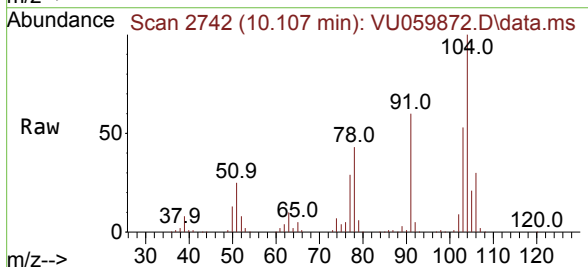
Instrument :
MSVOA_U
ClientSampleId :

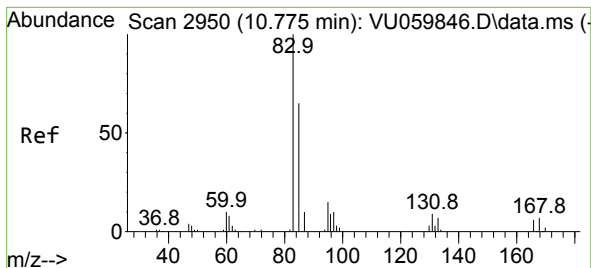
Tgt Ion:106 Resp: 103103
Ion Ratio Lower Upper
106 100
91 215.7 151.6 281.6



#55
Styrene
Concen: 5.578 ug/L
RT: 10.107 min Scan# 2742
Delta R.T. -0.003 min
Lab File: VU059872.D
Acq: 05 Jul 2024 19:56

Tgt Ion:104 Resp: 181777
Ion Ratio Lower Upper
104 100
78 43.3 32.3 60.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.372 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU059872.D

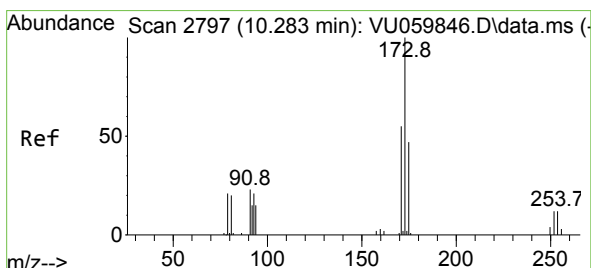
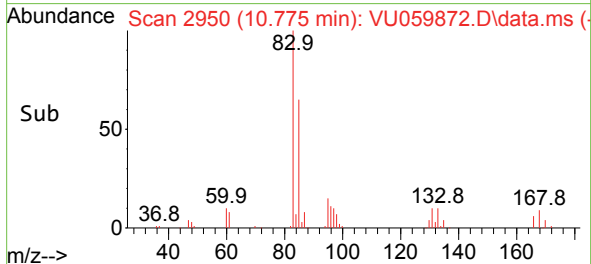
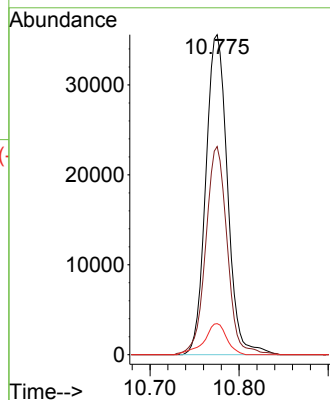
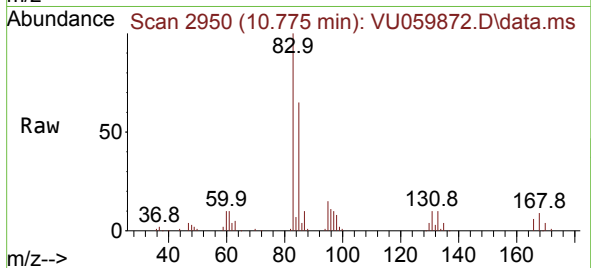
Acq: 05 Jul 2024 19:56

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 60105
Ion Ratio	Lower Upper
83 100	
85 65.1	44.7 82.9
131 9.7	6.9 10.3



#59

Bromoform

Concen: 5.106 ug/L

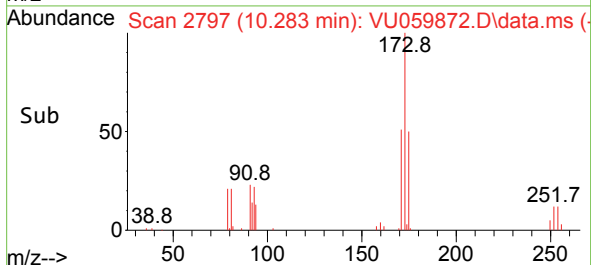
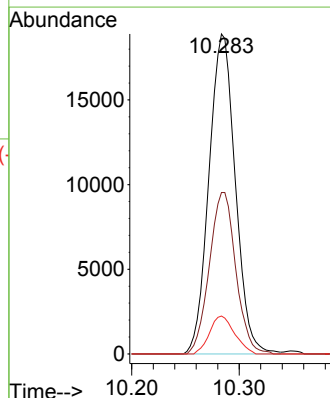
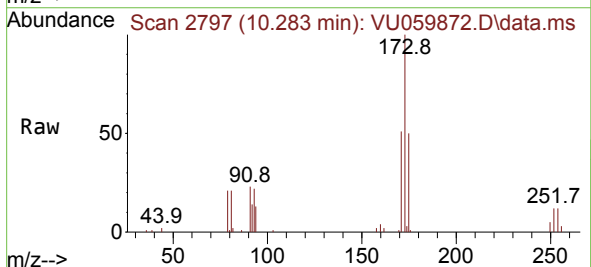
RT: 10.283 min Scan# 2797

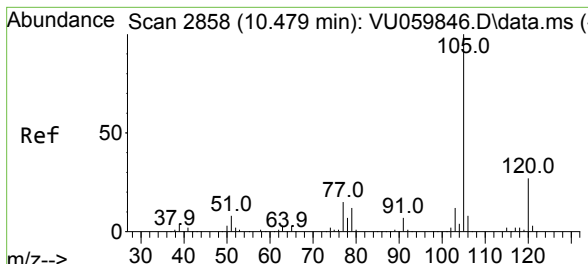
Delta R.T. 0.000 min

Lab File: VU059872.D

Acq: 05 Jul 2024 19:56

Tgt Ion: 173	Resp: 32182
Ion Ratio	Lower Upper
173 100	
175 50.5	39.4 59.2
254 11.3	7.4 11.2#

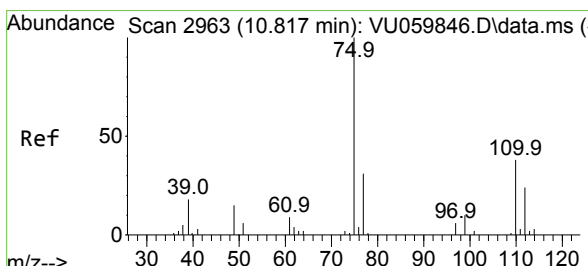
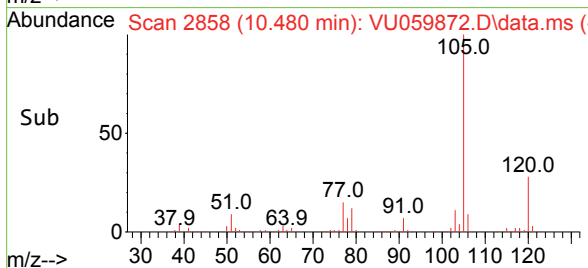
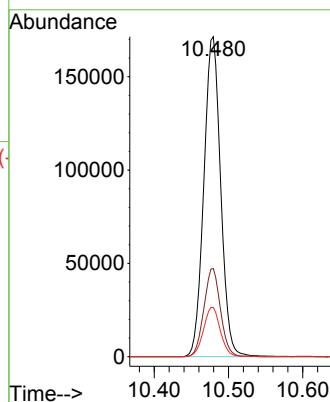
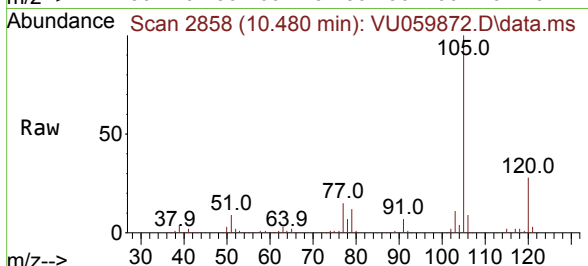




#60
Isopropylbenzene
Concen: 5.290 ug/L
RT: 10.480 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU059872.D
Acq: 05 Jul 2024 19:56

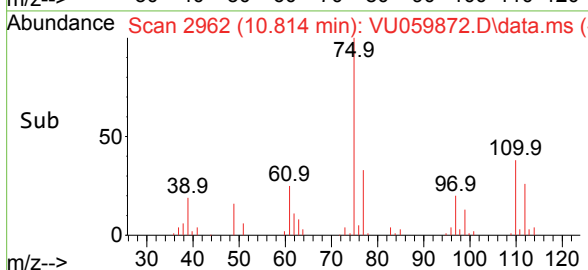
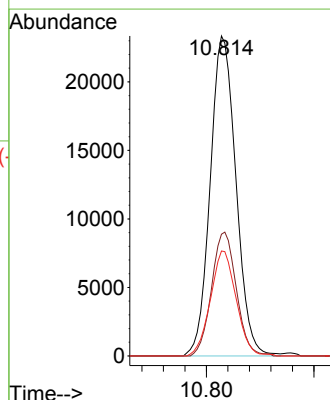
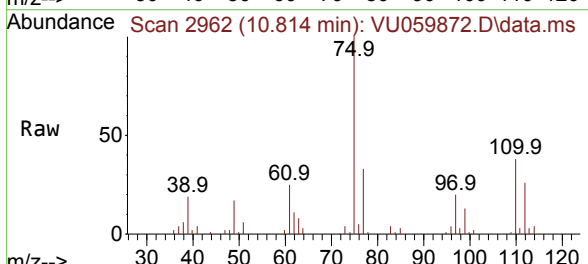
Instrument :
MSVOA_U
ClientSampleId :

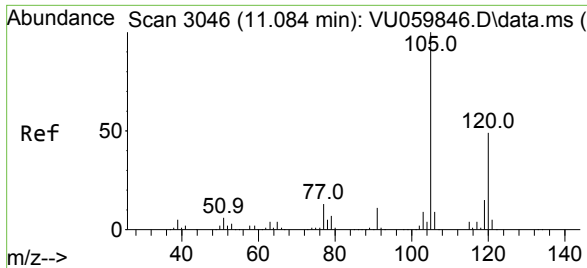
Tgt Ion:105 Resp: 269138
Ion Ratio Lower Upper
105 100
120 27.2 20.6 31.0
77 15.5 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 5.097 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.003 min
Lab File: VU059872.D
Acq: 05 Jul 2024 19:56

Tgt Ion: 75 Resp: 38794
Ion Ratio Lower Upper
75 100
110 37.3 27.1 40.7
77 32.8 25.4 38.2

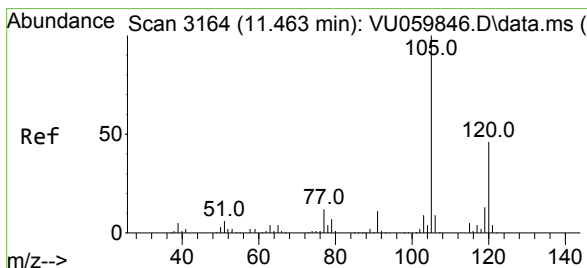
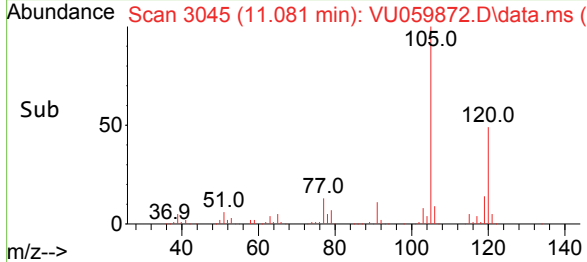
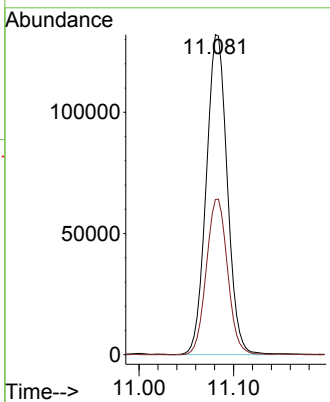
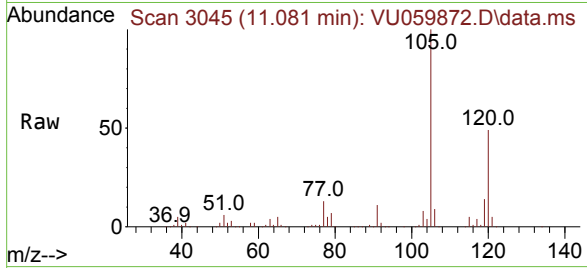




#62
1,3,5-Trimethylbenzene
Concen: 5.064 ug/L
RT: 11.081 min Scan# 3046
Delta R.T. -0.003 min
Lab File: VU059872.D
Acq: 05 Jul 2024 19:56

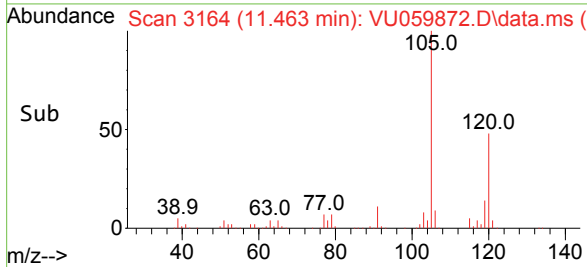
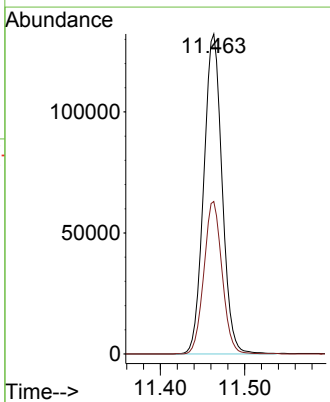
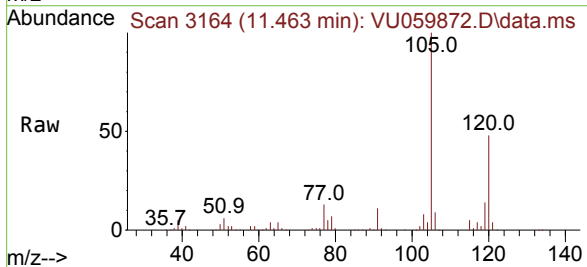
Instrument :
MSVOA_U
ClientSampleId :

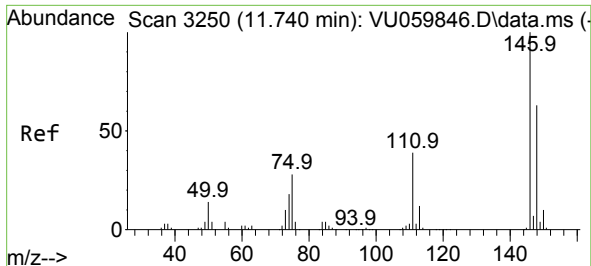
Tgt Ion:105 Resp: 204123
Ion Ratio Lower Upper
105 100
120 49.2 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 5.195 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU059872.D
Acq: 05 Jul 2024 19:56

Tgt Ion:105 Resp: 200201
Ion Ratio Lower Upper
105 100
120 47.2 35.4 53.0

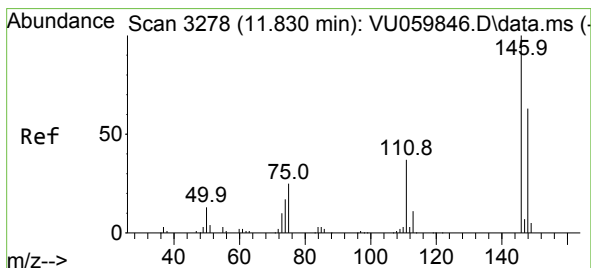
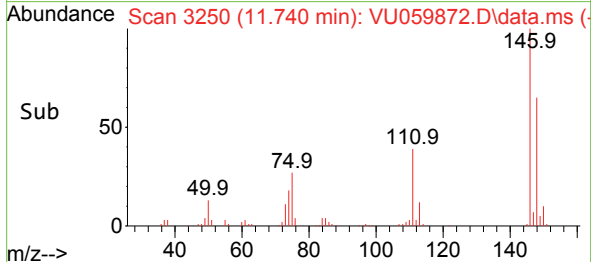
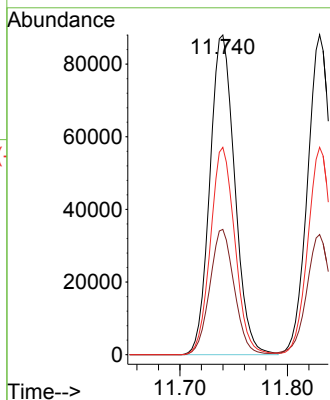
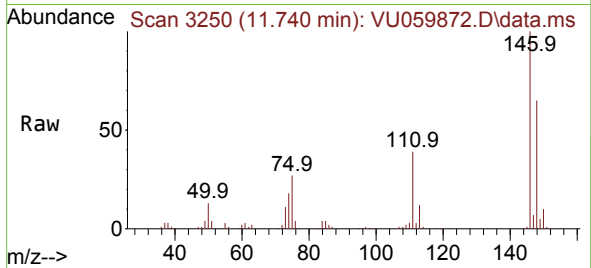




#64
 1,3-Dichlorobenzene
 Concen: 5.469 ug/L
 RT: 11.740 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU059872.D
 Acq: 05 Jul 2024 19:56

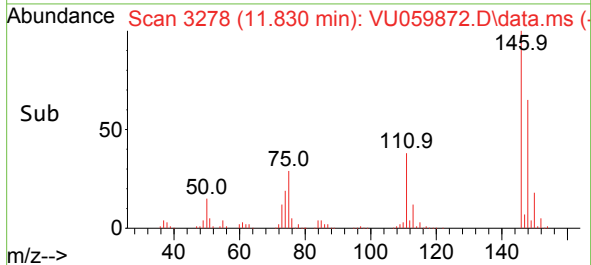
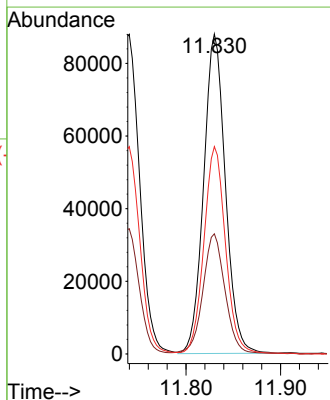
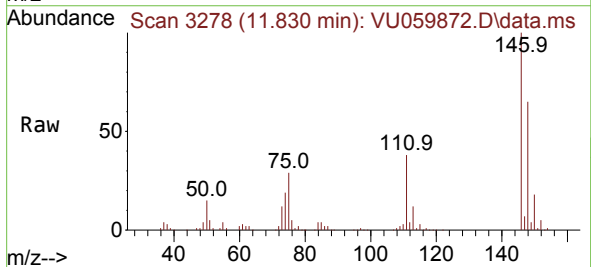
Instrument :
 MSVOA_U
 ClientSampleId :

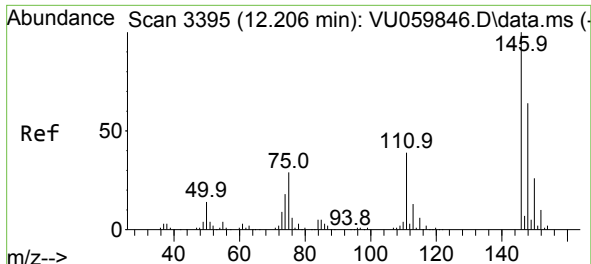
Tgt Ion:146 Resp: 141508
 Ion Ratio Lower Upper
 146 100
 111 39.2 27.4 51.0
 148 64.9 45.0 83.6



#65
 1,4-Dichlorobenzene
 Concen: 5.282 ug/L
 RT: 11.830 min Scan# 3278
 Delta R.T. 0.000 min
 Lab File: VU059872.D
 Acq: 05 Jul 2024 19:56

Tgt Ion:146 Resp: 140680
 Ion Ratio Lower Upper
 146 100
 111 37.6 26.9 50.1
 148 64.8 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.350 ug/L

RT: 12.206 min Scan# 31

Delta R.T. 0.000 min

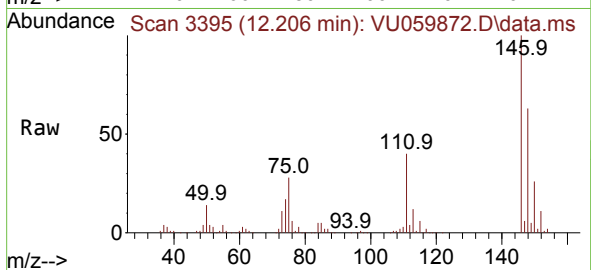
Lab File: VU059872.D

Acq: 05 Jul 2024 19:56

Instrument :

MSVOA_U

ClientSampleId :



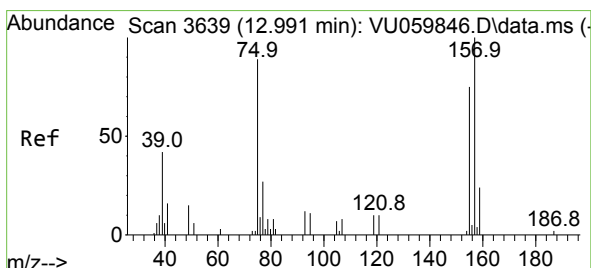
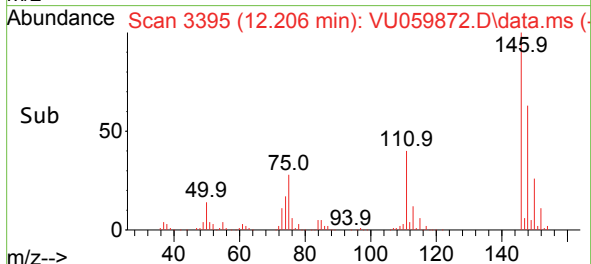
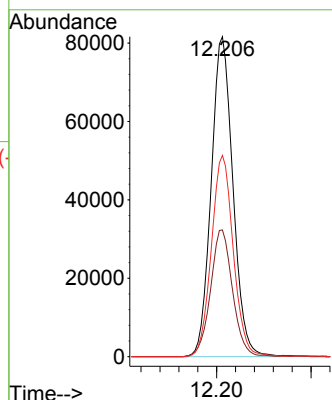
Tgt Ion:146 Resp: 130285

Ion Ratio Lower Upper

146 100

111 39.6 33.4 50.0

148 62.9 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.125 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU059872.D

Acq: 05 Jul 2024 19:56

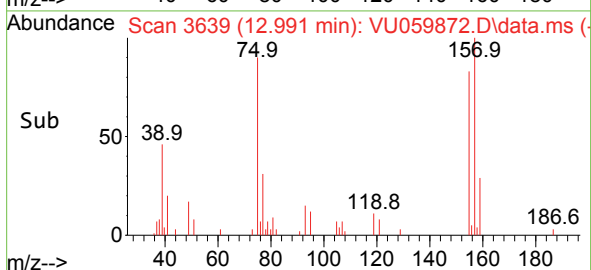
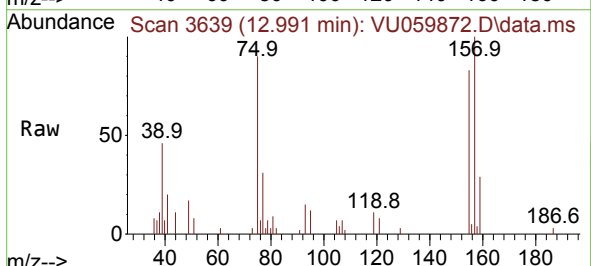
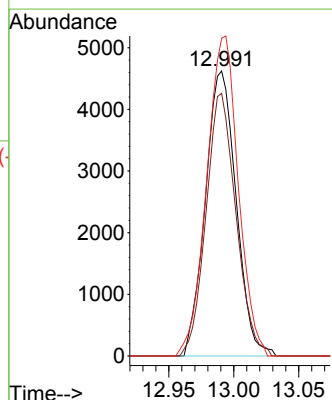
Tgt Ion: 75 Resp: 7608

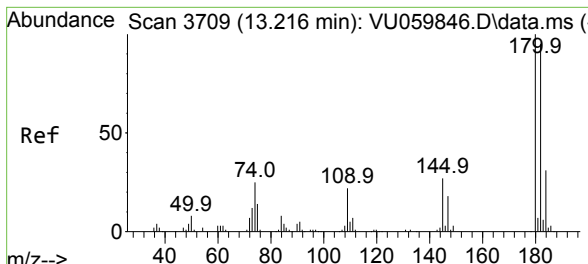
Ion Ratio Lower Upper

75 100

155 92.2 58.2 87.2#

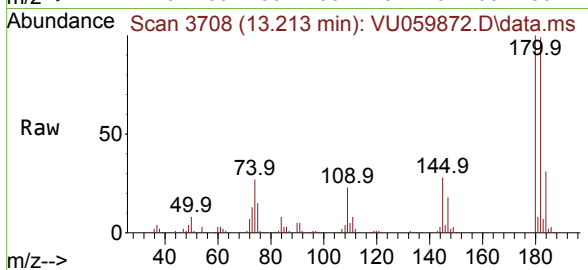
157 111.5 80.0 120.0



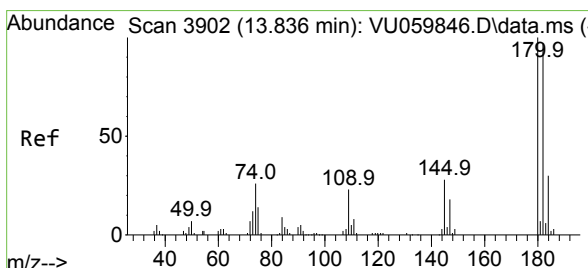
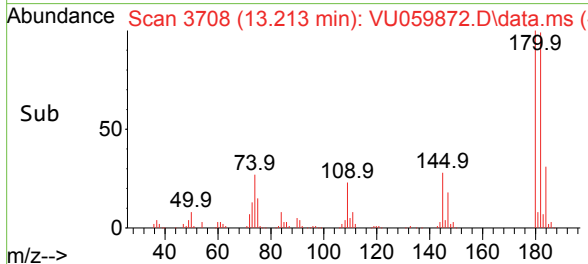
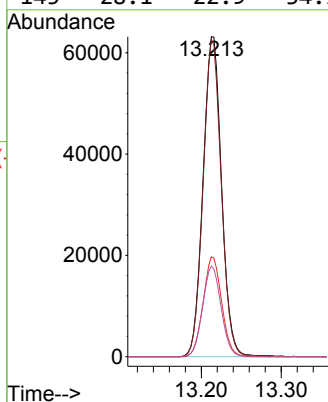


#69
 1,3,5-Trichlorobenzene
 Concen: 5.317 ug/L
 RT: 13.213 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU059872.D
 Acq: 05 Jul 2024 19:56

Instrument :
 MSVOA_U
 ClientSampleId :

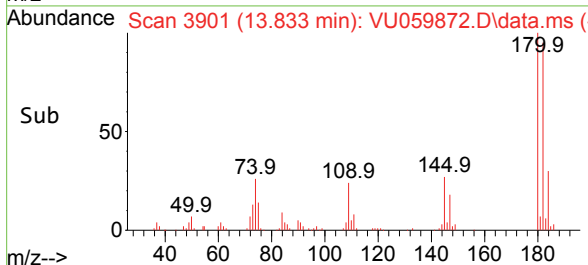
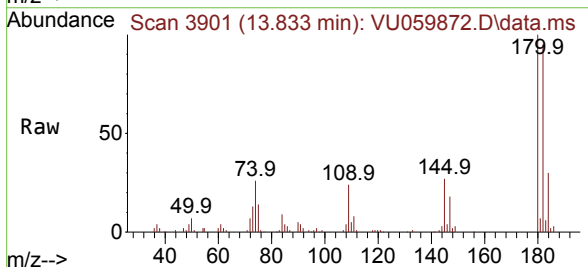
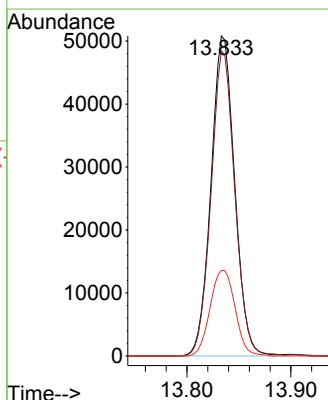


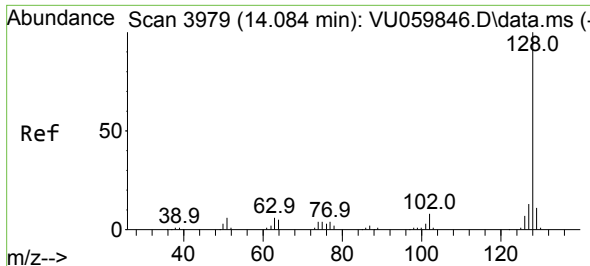
Tgt Ion:180 Resp: 101838
 Ion Ratio Lower Upper
 180 100
 182 96.9 75.4 113.0
 184 31.1 23.0 34.6
 145 28.1 22.9 34.3



#70
 1,2,4-trichlorobenzene
 Concen: 5.470 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.003 min
 Lab File: VU059872.D
 Acq: 05 Jul 2024 19:56

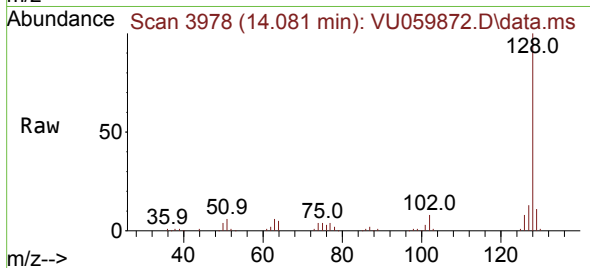
Tgt Ion:180 Resp: 80379
 Ion Ratio Lower Upper
 180 100
 182 95.4 74.9 112.3
 145 28.2 23.9 35.9



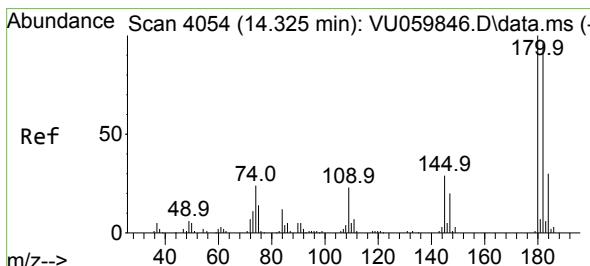
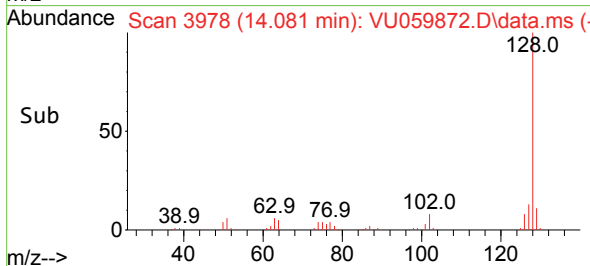
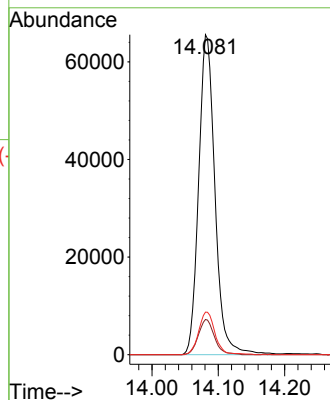


#71
Naphthalene
Concen: 5.327 ug/L
RT: 14.081 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU059872.D
Acq: 05 Jul 2024 19:56

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 112033
Ion Ratio Lower Upper
128 100
129 10.8 8.2 12.4
127 13.4 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.495 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VU059872.D
Acq: 05 Jul 2024 19:56

Tgt Ion:180 Resp: 74969
Ion Ratio Lower Upper
180 100
182 96.2 77.0 115.6
145 29.1 26.2 39.4

