

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U070824\
 Data File : U059888.D
 Acq On : 08 Jul 2024 17:06
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 09 02:38:58 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	153857	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	157103	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	83686	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	36943	3.453	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.000%
7) Chloroethane-d5	1.908	69	34232	3.325	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.600%
11) 1,1-Dichloroethene-d2	2.560	65	14213	3.202	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.000%
20) 2-Butanone-d5	4.618	46	116480	52.856	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.720%
24) Chloroform-d	5.055	84	87639	3.991	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.800%
26) 1,2-Dichloroethane-d4	5.695	65	43965	4.156	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
32) Benzene-d6	5.721	84	158891	3.675	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.400%
36) 1,2-Dichloropropane-d6	6.685	67	54314	4.100	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.000%
41) Toluene-d8	7.894	98	145203	3.612	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.200%
43) trans-1,3-Dichloroprop...	8.177	79	19876	4.791	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.800%
46) 2-Hexanone-d5	8.628	63	98084	56.900	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.800%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	52555	4.801	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	59506	3.995	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	58890	4.517	ug/L	99
3) Chloromethane	1.518	50	67200	4.789	ug/L	99
5) Vinyl chloride	1.599	62	79078	5.102	ug/L	100
6) Bromomethane	1.850	94	33333	3.093	ug/L	91
8) Chloroethane	1.927	64	49743	5.326	ug/L	94
9) Trichlorofluoromethane	2.133	101	98132	5.259	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	61418	5.200	ug/L	94
12) 1,1-Dichloroethene	2.573	96	58108	5.325	ug/L #	77
13) Acetone	2.628	43	78068	54.611	ug/L	91
14) Carbon disulfide	2.785	76	180356	4.954	ug/L	99
15) Methyl Acetate	2.946	43	20905	5.542	ug/L #	86
16) Methylene chloride	3.039	84	67579	5.226	ug/L	90
17) Methyl tert-butyl Ether	3.358	73	134519	5.721	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	59504	5.243	ug/L	91
19) 1,1-Dichloroethane	3.862	63	112346	5.368	ug/L	98
21) 2-Butanone	4.698	43	131768	57.468	ug/L	89
22) cis-1,2-Dichloroethene	4.660	96	66424	5.310	ug/L	97
23) Bromochloromethane	4.968	128	32198	5.646	ug/L	88
25) Chloroform	5.081	83	119034	5.400	ug/L	96

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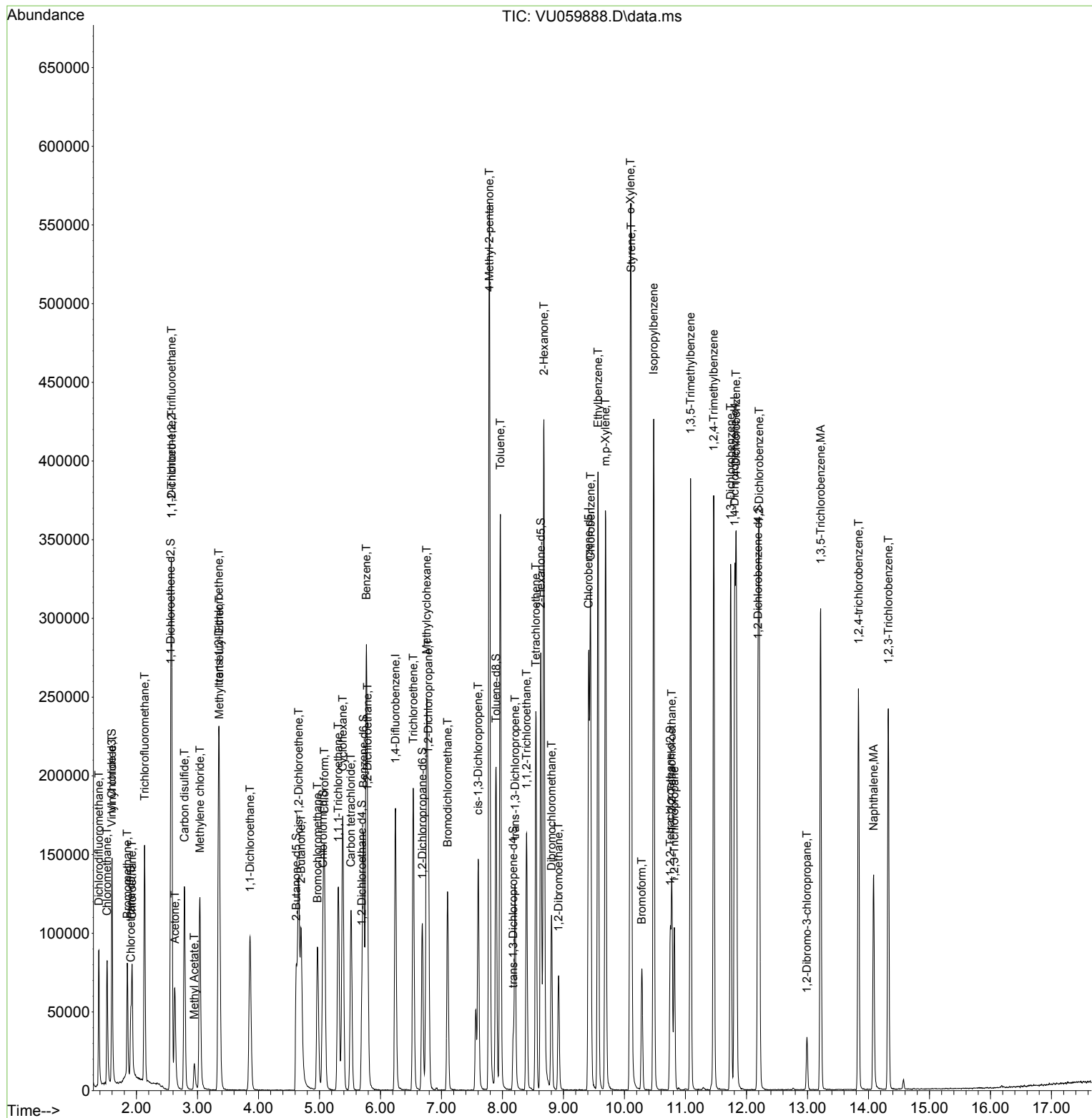
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	71082	5.322	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	96233	5.304	ug/L	97
30) Cyclohexane	5.380	56	80301	5.013	ug/L	93
31) Carbon tetrachloride	5.515	117	80632	5.308	ug/L	100
33) Benzene	5.769	78	257646	5.400	ug/L	100
34) Trichloroethene	6.538	95	65893	5.100	ug/L	93
35) Methylcyclohexane	6.759	83	93243	5.072	ug/L	93
37) 1,2-Dichloropropane	6.785	63	68095	5.515	ug/L #	98
38) Bromodichloromethane	7.100	83	84732	5.498	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	92092	5.454	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	335344	58.618	ug/L #	94
42) Toluene	7.965	91	283471	5.612	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	77280	5.702	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	52559	5.777	ug/L	98
47) Tetrachloroethene	8.547	164	56078	5.593	ug/L	95
48) 2-Hexanone	8.679	43	248611	60.891	ug/L #	93
49) Dibromochloromethane	8.804	129	58298	5.785	ug/L	99
50) 1,2-Dibromoethane	8.920	107	49347	5.873	ug/L	100
51) Chlorobenzene	9.444	112	175879	5.490	ug/L	96
52) Ethylbenzene	9.566	91	279832	5.401	ug/L	97
53) m,p-Xylene	9.689	106	108753	5.465	ug/L	97
54) o-Xylene	10.097	106	103375	5.474	ug/L	99
55) Styrene	10.110	104	181013	5.630	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	65766	5.959	ug/L	96
59) Bromoform	10.283	173	36448	5.691	ug/L	97
60) Isopropylbenzene	10.480	105	273919	5.299	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	45071	5.828	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	212214	5.182	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	209095	5.340	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	142263	5.411	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	143895	5.317	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	133944	5.413	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.991	75	8969	5.946	ug/L #	81
69) 1,3,5-Trichlorobenzene	13.216	180	103579	5.322	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	83593	5.599	ug/L	97
71) Naphthalene	14.084	128	121699	5.695	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	79951	5.767	ug/L	98

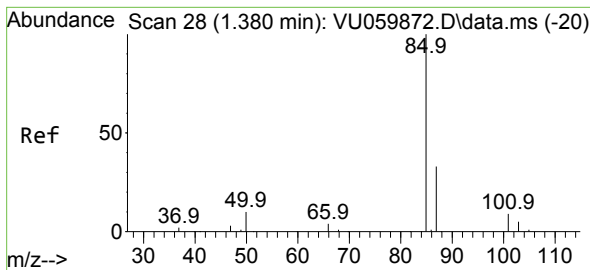
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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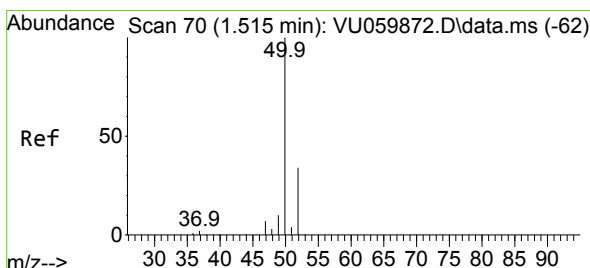
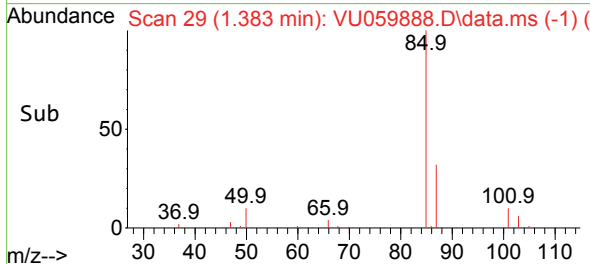
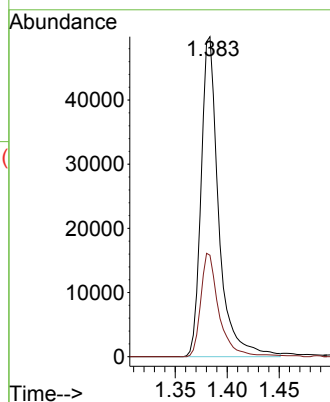
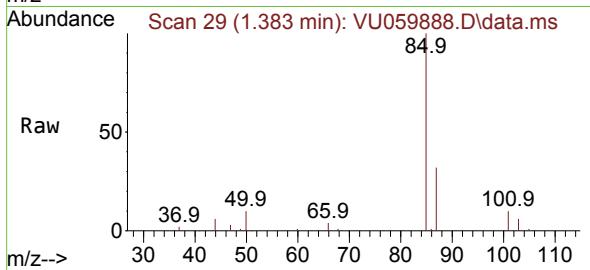




#2
Dichlorodifluoromethane
Concen: 4.517 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.003 min
Lab File: VU059888.D
Acq: 08 Jul 2024 17:06

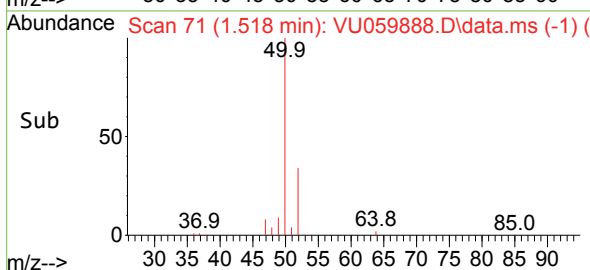
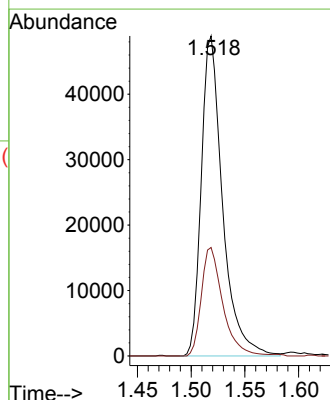
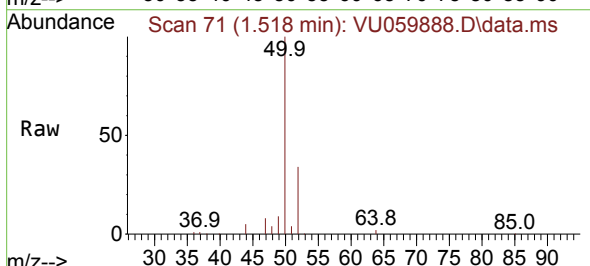
Instrument :
MSVOA_U
ClientSampleId :

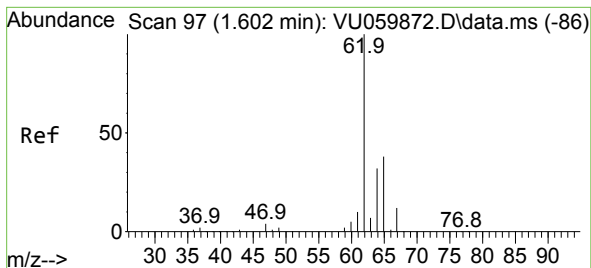
Tgt Ion: 85 Resp: 58890
Ion Ratio Lower Upper
85 100
87 33.7 26.6 40.0



#3
Chloromethane
Concen: 4.789 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU059888.D
Acq: 08 Jul 2024 17:06

Tgt Ion: 50 Resp: 67200
Ion Ratio Lower Upper
50 100
52 33.9 23.2 43.0





#5

Vinyl chloride

Concen: 5.102 ug/L

RT: 1.599 min Scan# 9

Delta R.T. -0.003 min

Lab File: VU059888.D

Acq: 08 Jul 2024 17:06

Instrument :

MSVOA_U

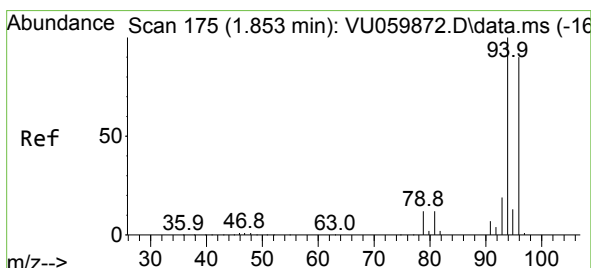
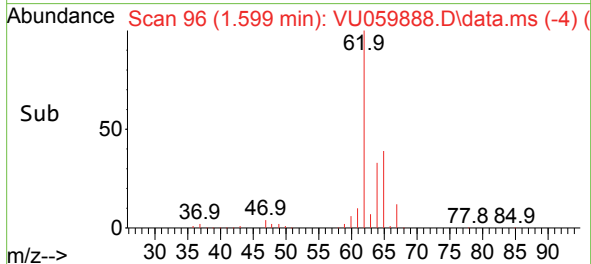
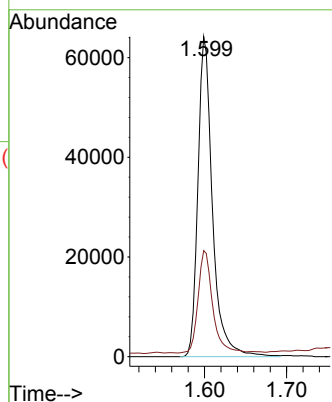
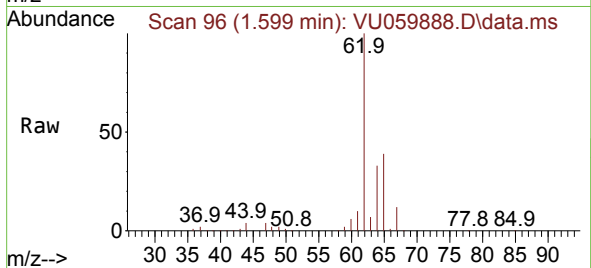
ClientSampleId :

Tgt Ion: 62 Resp: 79078

Ion Ratio Lower Upper

62 100

64 33.2 23.1 42.9



#6

Bromomethane

Concen: 3.093 ug/L

RT: 1.850 min Scan# 174

Delta R.T. -0.003 min

Lab File: VU059888.D

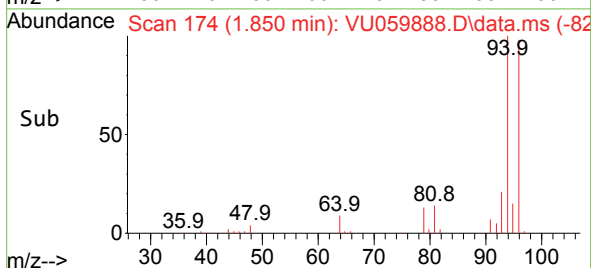
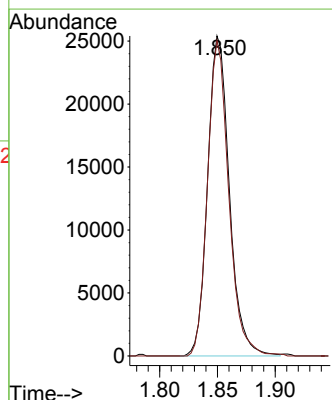
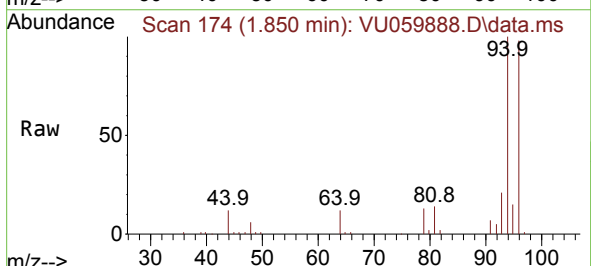
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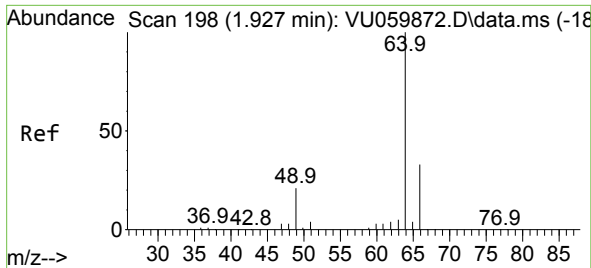
Tgt Ion: 94 Resp: 33333

Ion Ratio Lower Upper

94 100

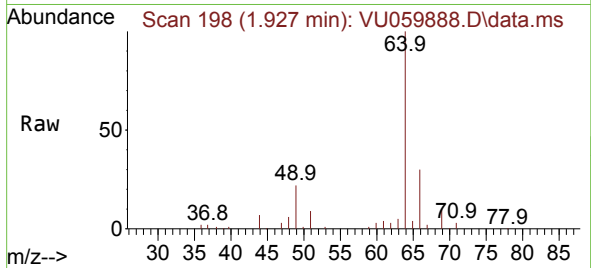
96 98.5 62.9 116.9



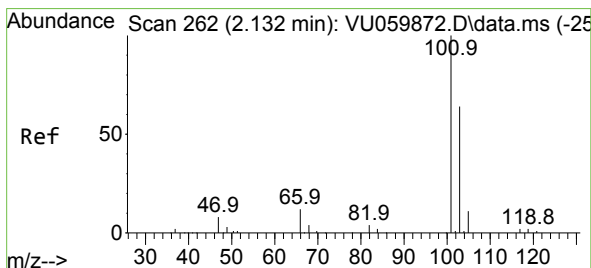
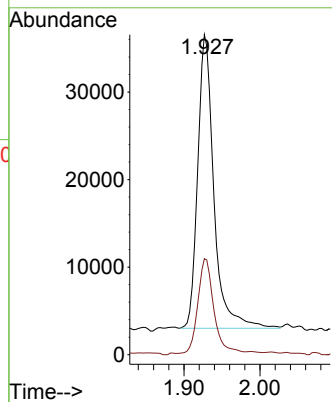
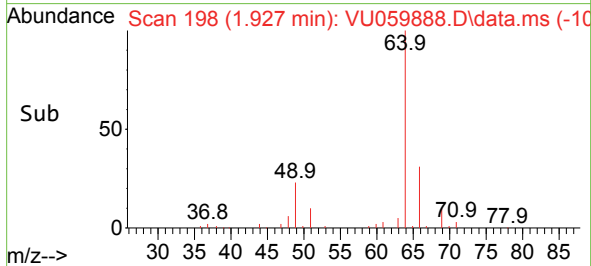


#8
Chloroethane
Concen: 5.326 ug/L
RT: 1.927 min Scan# 198
Delta R.T. 0.000 min
Lab File: VU059888.D
Acq: 08 Jul 2024 17:06

Instrument :
MSVOA_U
ClientSampleId :

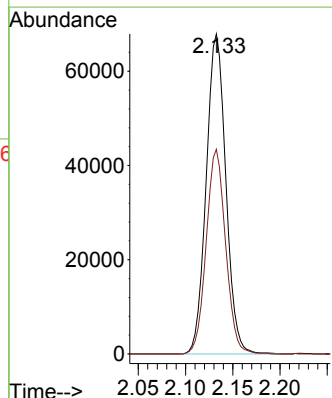
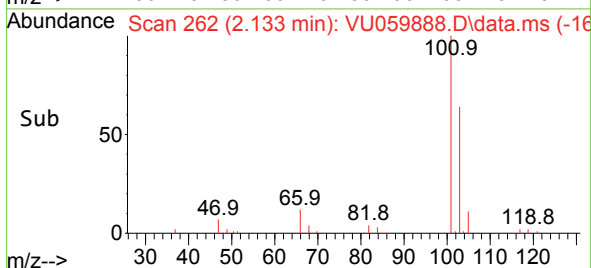
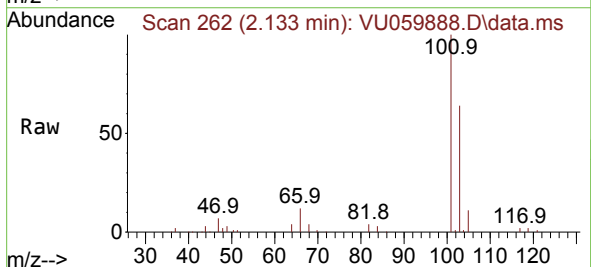


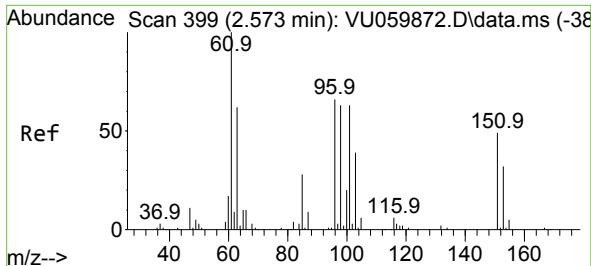
Tgt Ion: 64 Resp: 49743
Ion Ratio Lower Upper
64 100
66 30.0 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.259 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU059888.D
Acq: 08 Jul 2024 17:06

Tgt Ion: 101 Resp: 98132
Ion Ratio Lower Upper
101 100
103 63.2 52.6 79.0

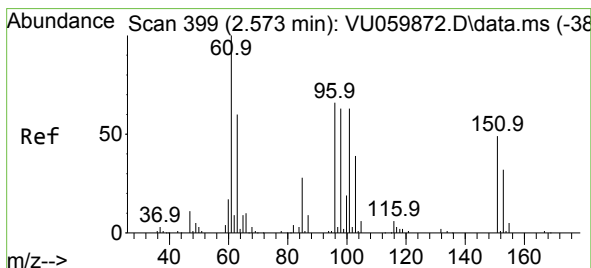
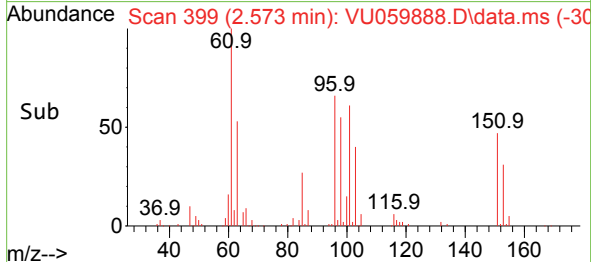
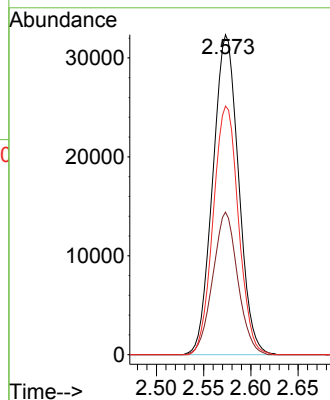
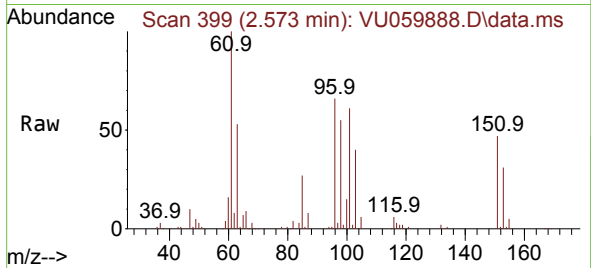




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.200 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU059888.D
Acq: 08 Jul 2024 17:06

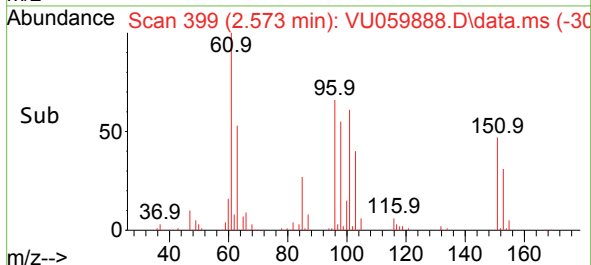
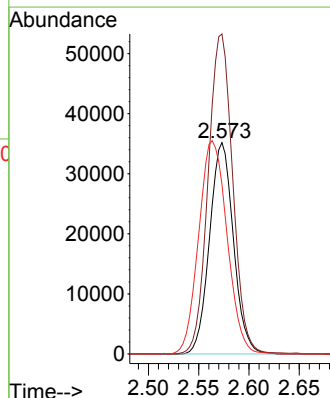
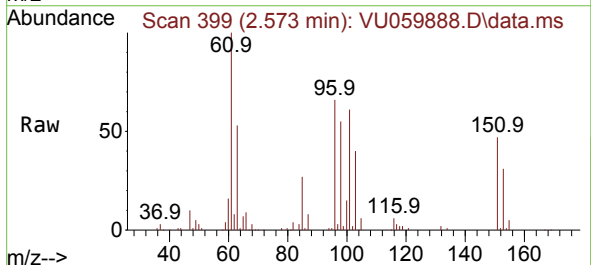
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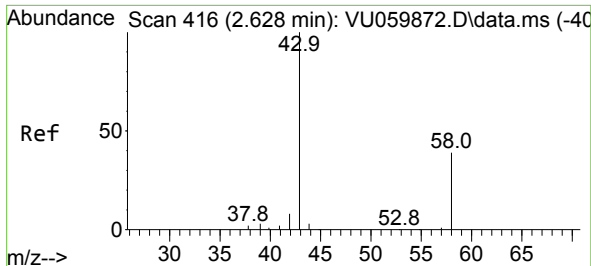
Tgt Ion:101 Resp: 61418
Ion Ratio Lower Upper
101 100
85 43.2 36.2 54.4
151 76.1 55.5 83.3



#12
1,1-Dichloroethene
Concen: 5.325 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU059888.D
Acq: 08 Jul 2024 17:06

Tgt Ion: 96 Resp: 58108
Ion Ratio Lower Upper
96 100
61 151.4 122.9 228.3
63 80.3 80.4 149.4#





#13

Acetone

Concen: 54.611 ug/L

RT: 2.628 min Scan# 416

Delta R.T. 0.000 min

Lab File: VU059888.D

Acq: 08 Jul 2024 17:06

Instrument :

MSVOA_U

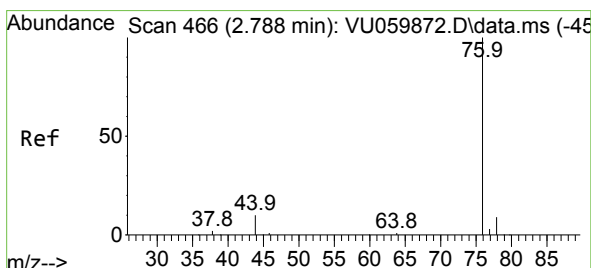
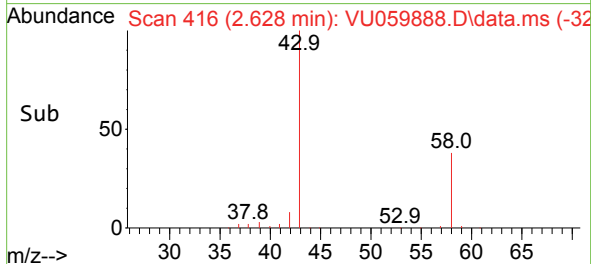
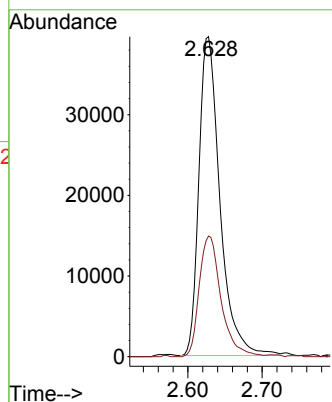
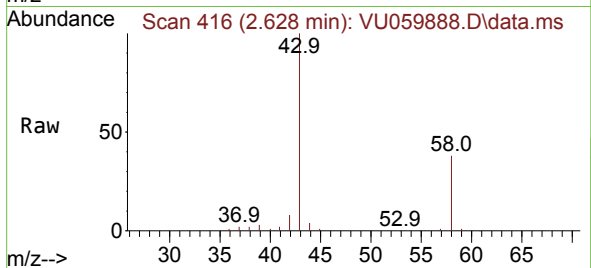
ClientSampleId :

Tgt Ion: 43 Resp: 78068

Ion Ratio Lower Upper

43 100

58 39.2 0.0 68.0



#14

Carbon disulfide

Concen: 4.954 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU059888.D

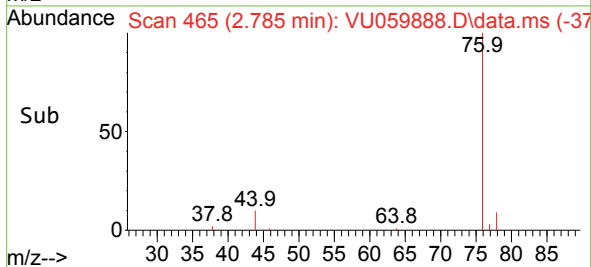
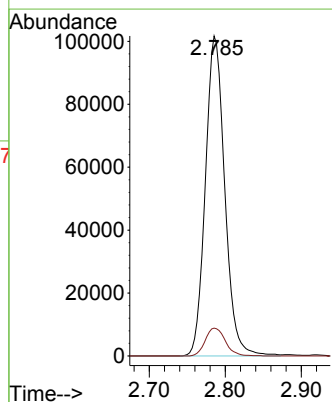
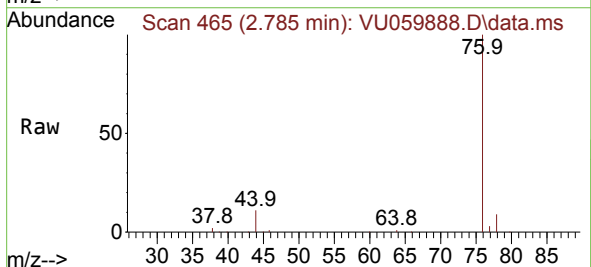
Acq: 08 Jul 2024 17:06

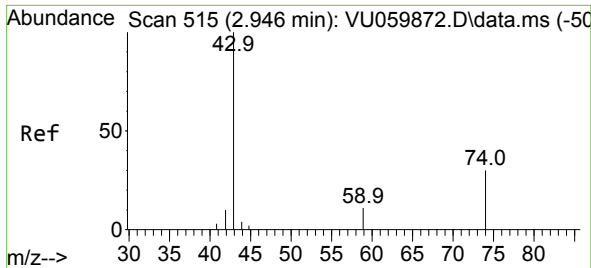
Tgt Ion: 76 Resp: 180356

Ion Ratio Lower Upper

76 100

78 8.7 7.3 10.9

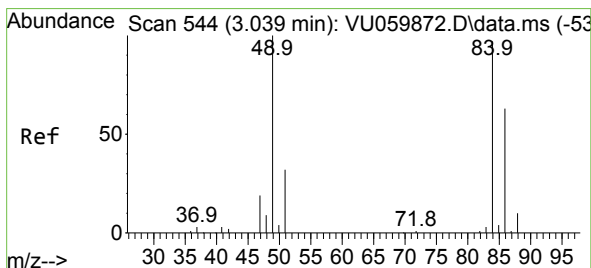
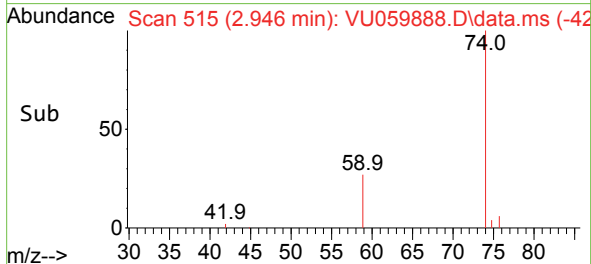
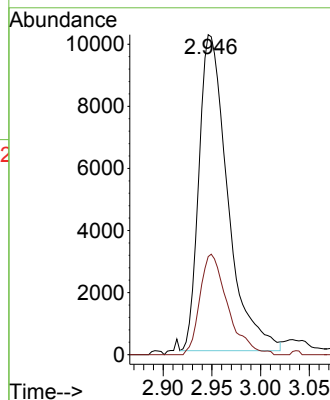
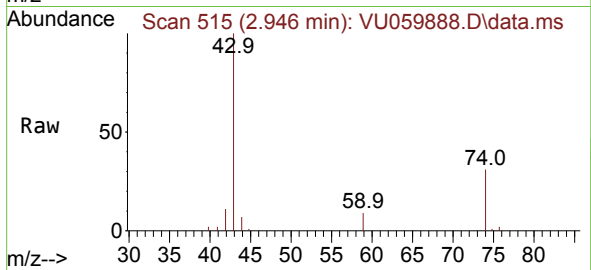




#15
Methyl Acetate
Concen: 5.542 ug/L
RT: 2.946 min Scan# 515
Delta R.T. 0.000 min
Lab File: VU059888.D
Acq: 08 Jul 2024 17:06

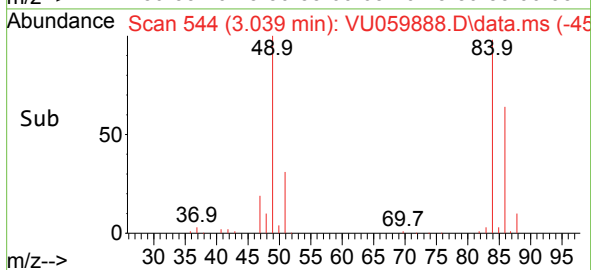
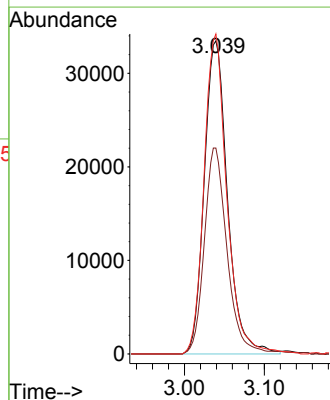
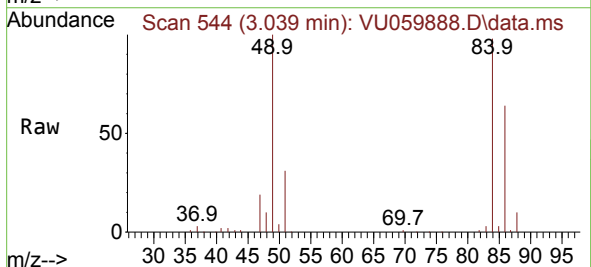
Instrument :
MSVOA_U
ClientSampleId :

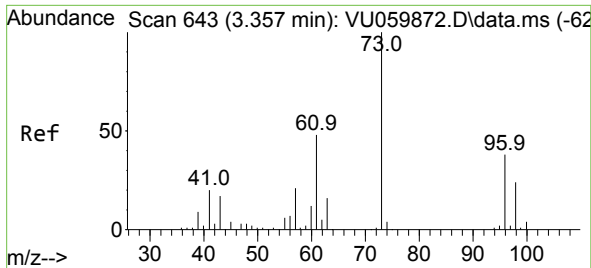
Tgt Ion: 43 Resp: 20905
Ion Ratio Lower Upper
43 100
74 30.7 19.2 28.8#



#16
Methylene chloride
Concen: 5.226 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU059888.D
Acq: 08 Jul 2024 17:06

Tgt Ion: 84 Resp: 67579
Ion Ratio Lower Upper
84 100
86 65.8 42.1 78.1
49 102.2 80.6 149.8

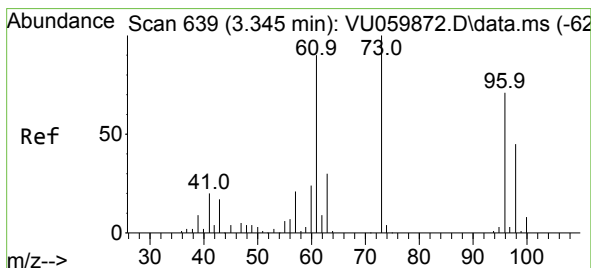
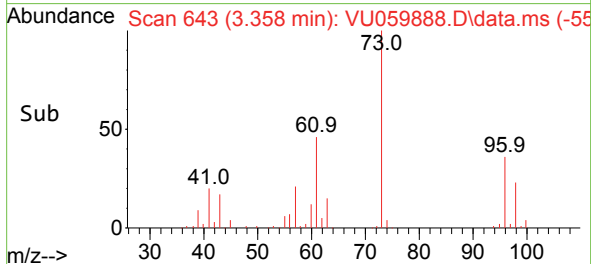
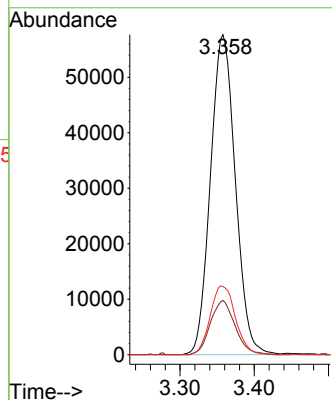
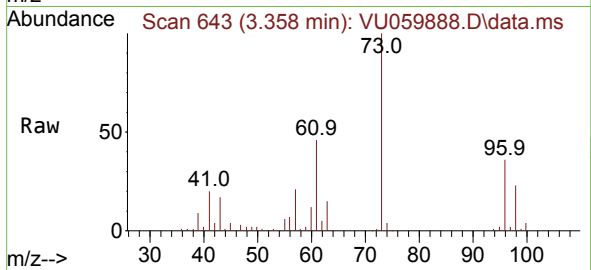




#17
Methyl tert-butyl Ether
Concen: 5.721 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU059888.D
Acq: 08 Jul 2024 17:06

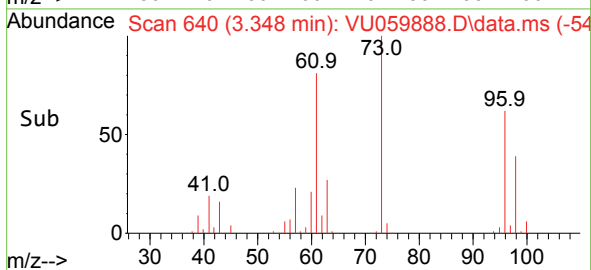
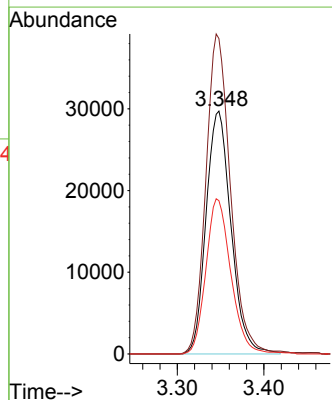
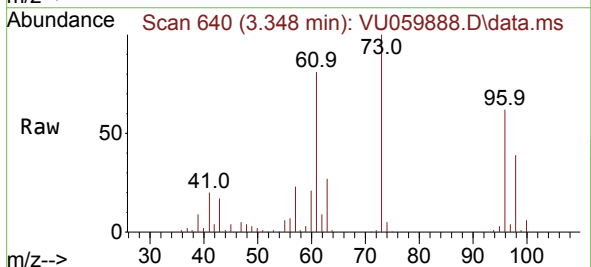
Instrument :
MSVOA_U
ClientSampleId :

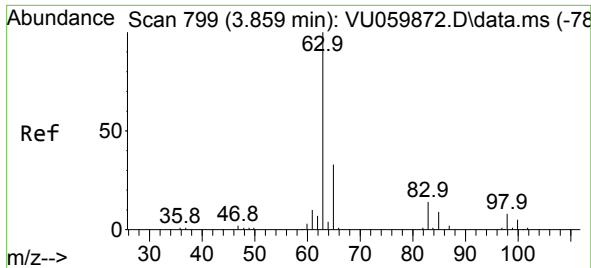
Tgt Ion: 73 Resp: 134519
Ion Ratio Lower Upper
73 100
43 16.9 14.9 22.3
57 21.8 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 5.243 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU059888.D
Acq: 08 Jul 2024 17:06

Tgt Ion: 96 Resp: 59504
Ion Ratio Lower Upper
96 100
61 129.8 101.8 189.0
98 63.1 43.3 80.5

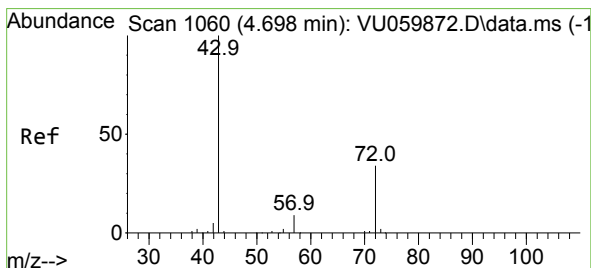
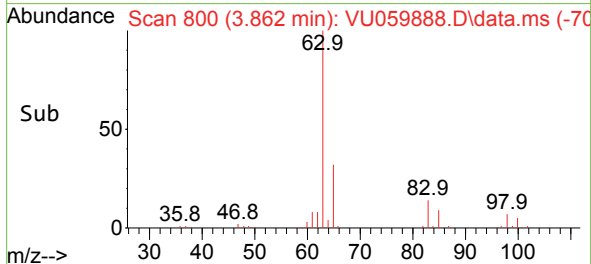
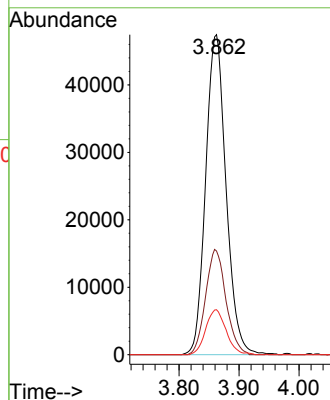
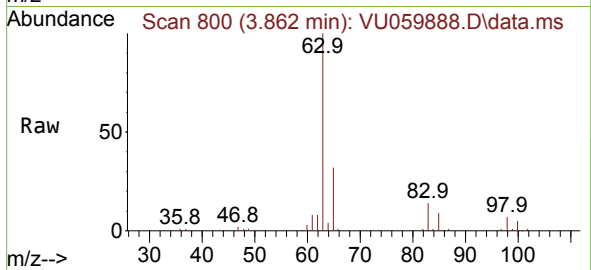




#19
1,1-Dichloroethane
Concen: 5.368 ug/L
RT: 3.862 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU059888.D
Acq: 08 Jul 2024 17:06

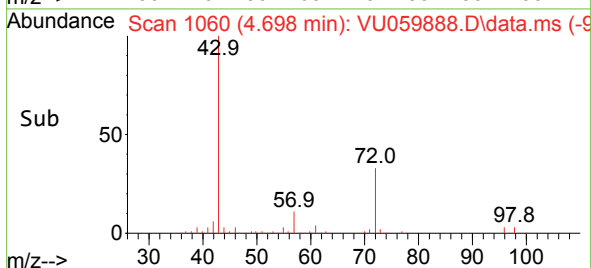
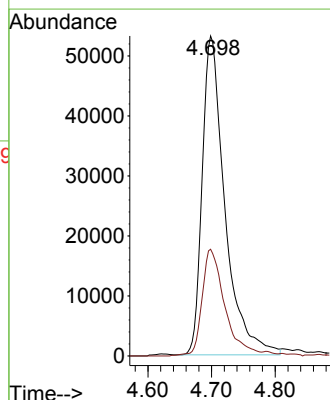
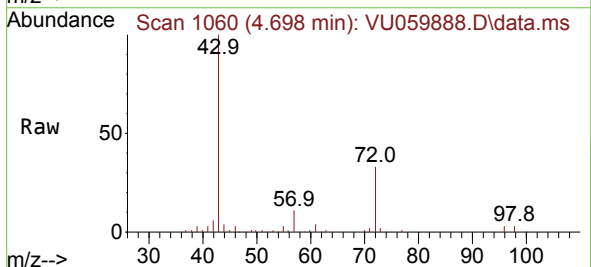
Instrument :
MSVOA_U
ClientSampleId :

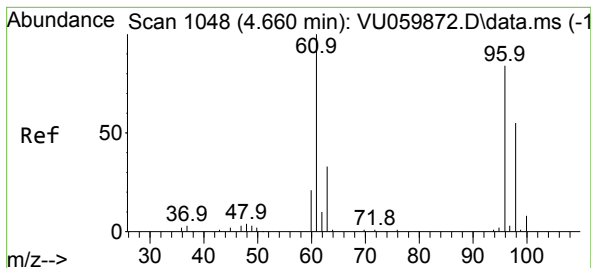
Tgt Ion: 63 Resp: 112346
Ion Ratio Lower Upper
63 100
65 33.1 21.8 40.6
83 14.1 9.9 18.5



#21
2-Butanone
Concen: 57.468 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VU059888.D
Acq: 08 Jul 2024 17:06

Tgt Ion: 43 Resp: 131768
Ion Ratio Lower Upper
43 100
72 33.3 13.8 41.4





#22

cis-1,2-Dichloroethene

Concen: 5.310 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VU059888.D

Acq: 08 Jul 2024 17:06

Instrument :

MSVOA_U

ClientSampleId :

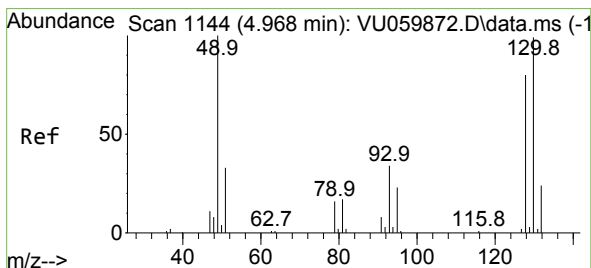
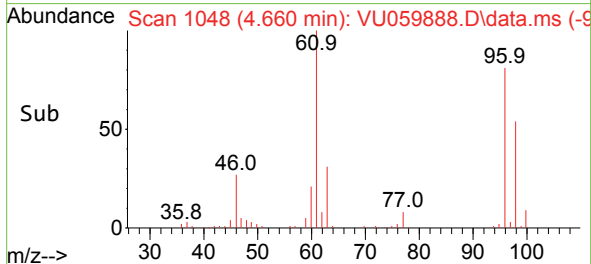
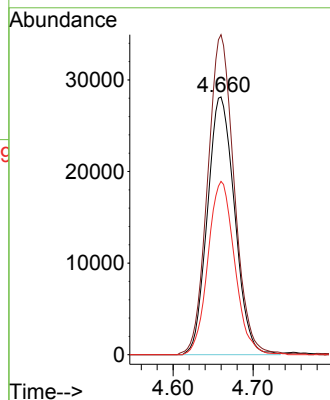
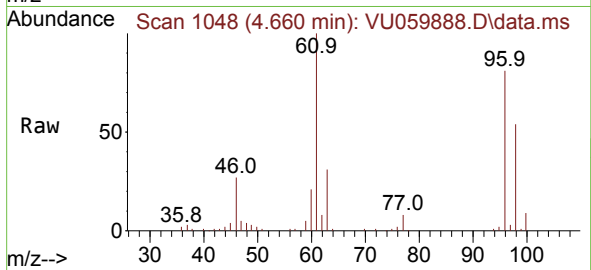
Tgt Ion: 96 Resp: 66424

Ion Ratio Lower Upper

96 100

61 124.2 87.4 162.2

98 67.2 42.3 78.5



#23

Bromochloromethane

Concen: 5.646 ug/L

RT: 4.968 min Scan# 1144

Delta R.T. 0.000 min

Lab File: VU059888.D

Acq: 08 Jul 2024 17:06

Tgt Ion:128 Resp: 32198

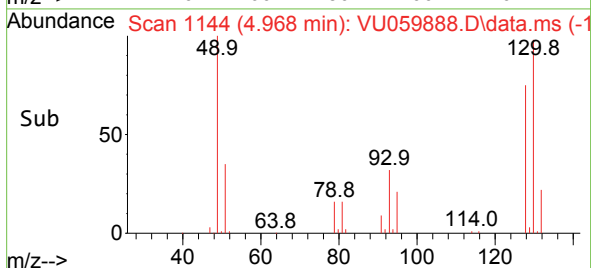
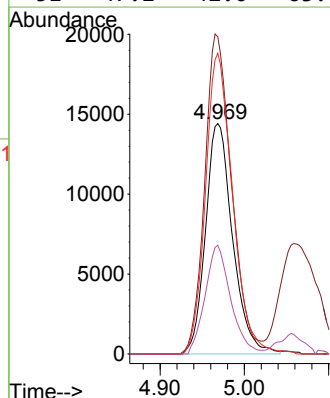
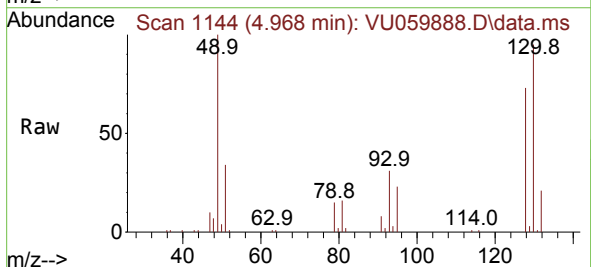
Ion Ratio Lower Upper

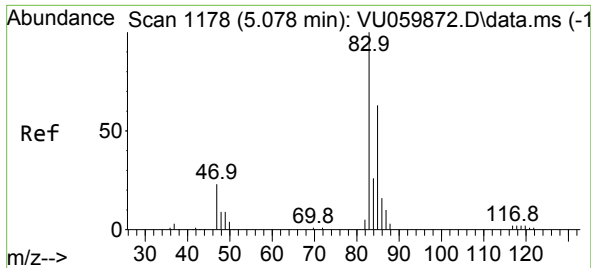
128 100

49 137.7 117.0 217.4

130 130.5 89.6 166.4

51 47.2 42.0 63.0

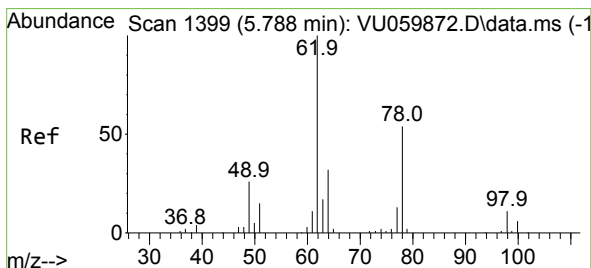
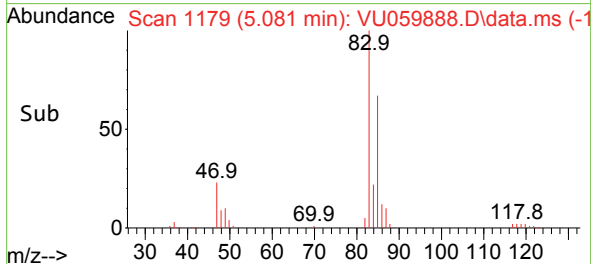
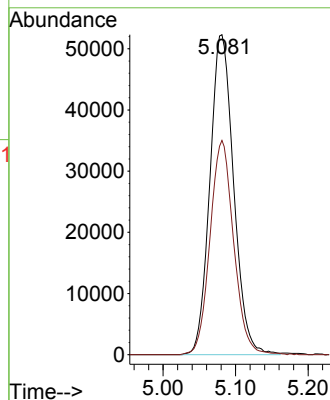
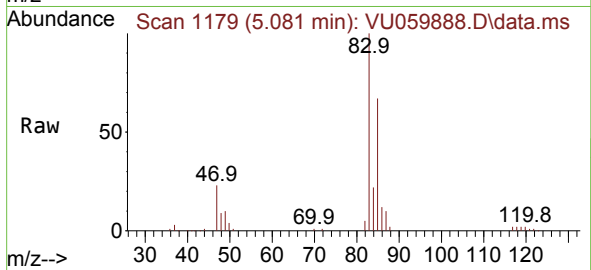




#25
Chloroform
Concen: 5.400 ug/L
RT: 5.081 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VU059888.D
Acq: 08 Jul 2024 17:06

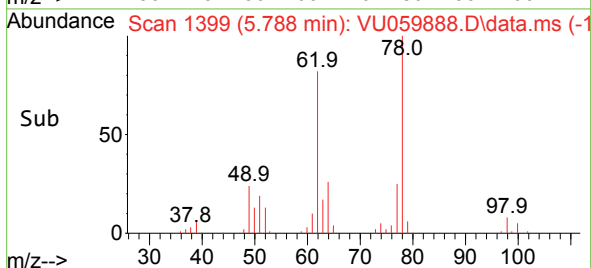
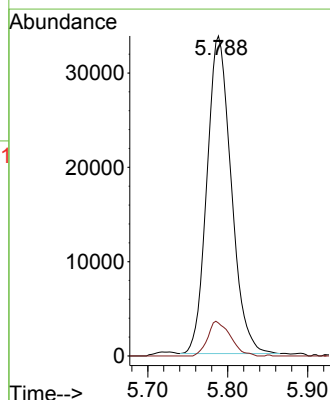
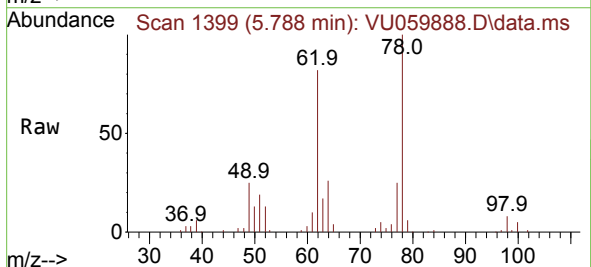
Instrument :
MSVOA_U
ClientSampleId :

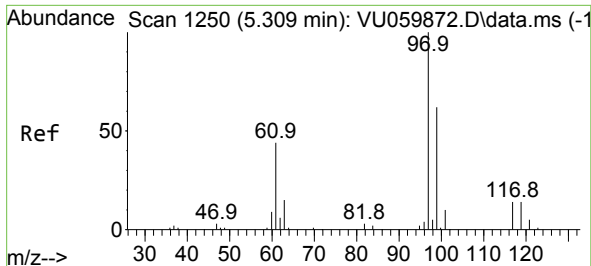
Tgt Ion: 83 Resp: 119034
Ion Ratio Lower Upper
83 100
85 67.0 44.7 83.1



#27
1,2-Dichloroethane
Concen: 5.322 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VU059888.D
Acq: 08 Jul 2024 17:06

Tgt Ion: 62 Resp: 71082
Ion Ratio Lower Upper
62 100
98 10.3 7.5 11.3





#29

1,1,1-Trichloroethane

Concen: 5.304 ug/L

RT: 5.309 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU059888.D

Acq: 08 Jul 2024 17:06

Instrument :

MSVOA_U

ClientSampleId :

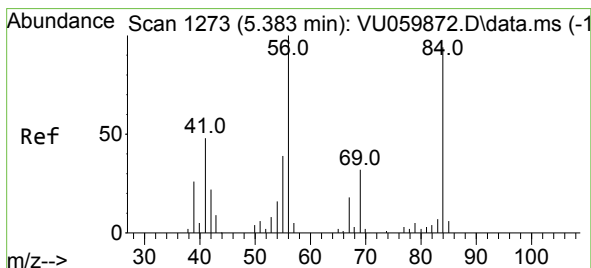
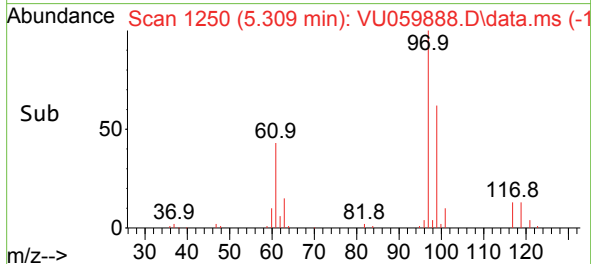
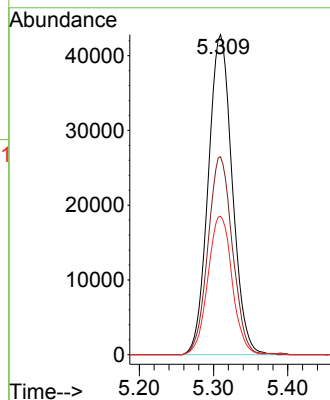
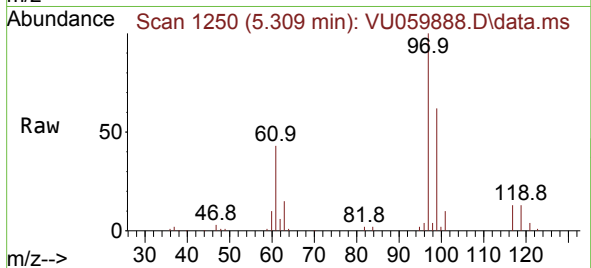
Tgt Ion: 97 Resp: 96233

Ion Ratio Lower Upper

97 100

99 63.1 51.8 77.6

61 43.7 37.4 56.2



#30

Cyclohexane

Concen: 5.013 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. -0.003 min

Lab File: VU059888.D

Acq: 08 Jul 2024 17:06

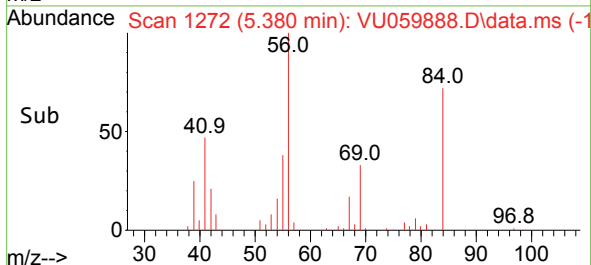
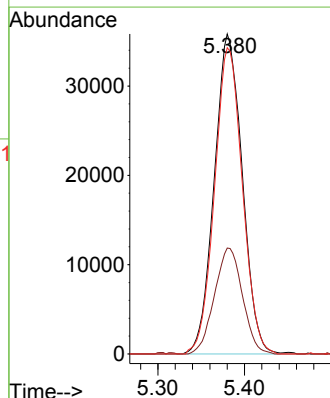
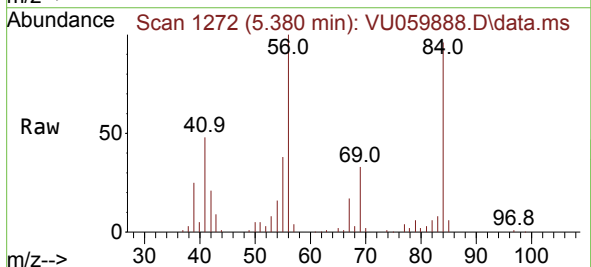
Tgt Ion: 56 Resp: 80301

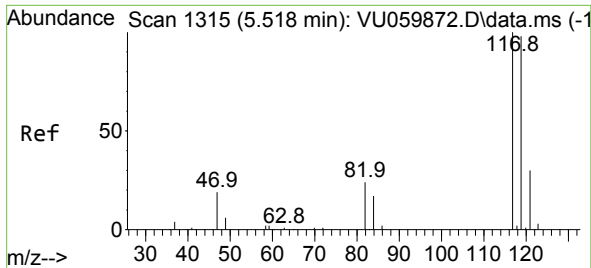
Ion Ratio Lower Upper

56 100

69 33.2 24.8 37.2

84 95.3 69.8 104.8

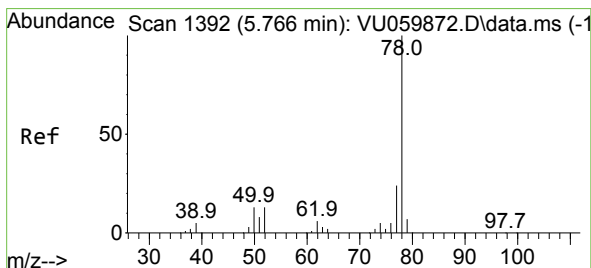
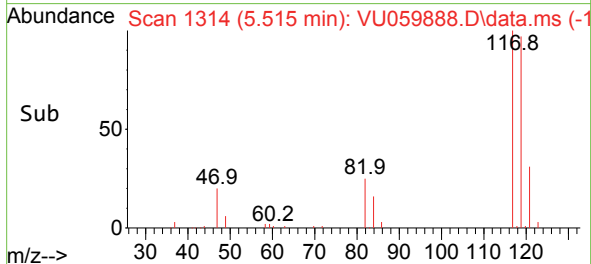
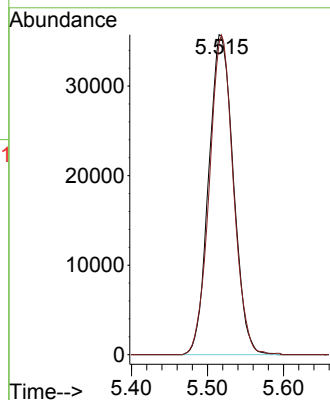
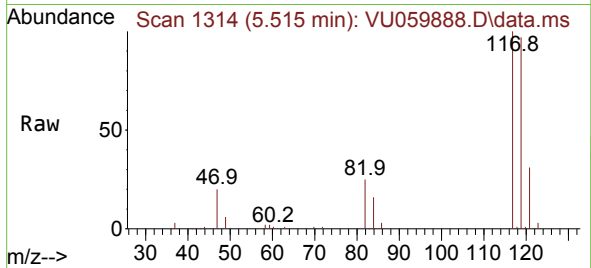




#31
Carbon tetrachloride
Concen: 5.308 ug/L
RT: 5.515 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU059888.D
Acq: 08 Jul 2024 17:06

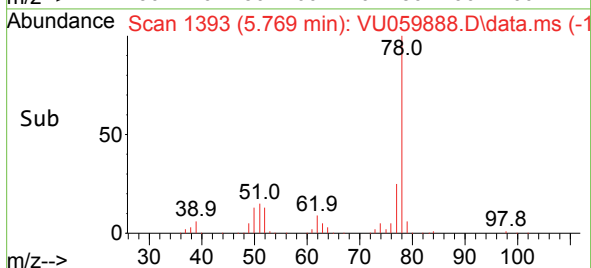
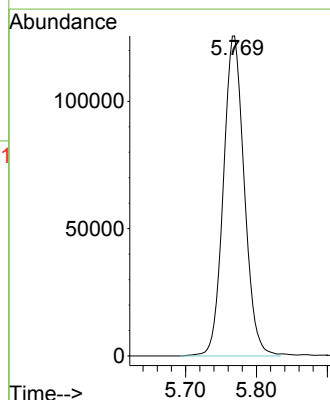
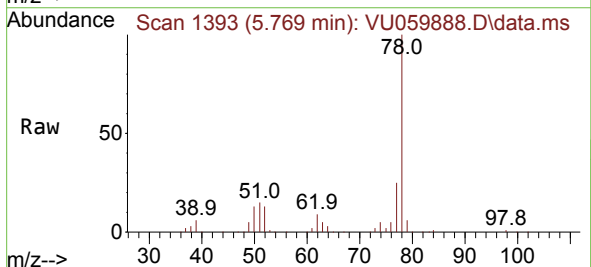
Instrument :
MSVOA_U
ClientSampleId :

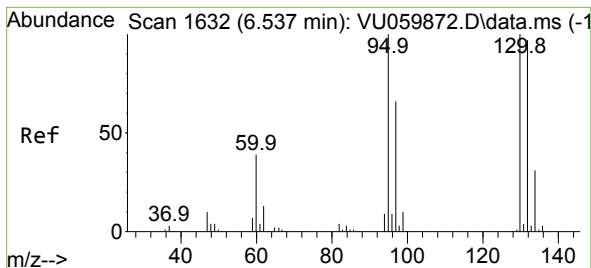
Tgt Ion:117 Resp: 80632
Ion Ratio Lower Upper
117 100
119 97.0 77.5 116.3



#33
Benzene
Concen: 5.400 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU059888.D
Acq: 08 Jul 2024 17:06

Tgt Ion: 78 Resp: 257646





#34

Trichloroethene

Concen: 5.100 ug/L

RT: 6.538 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU059888.D

Acq: 08 Jul 2024 17:06

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 65893

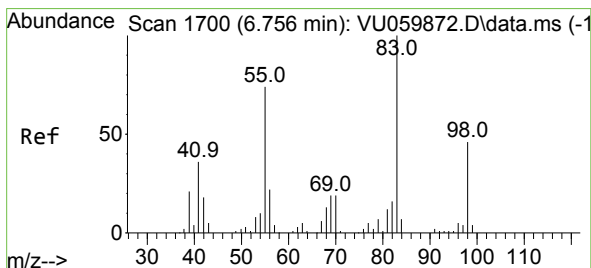
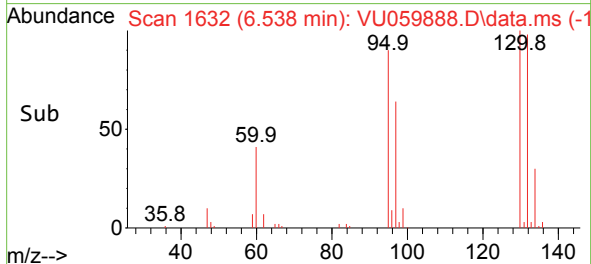
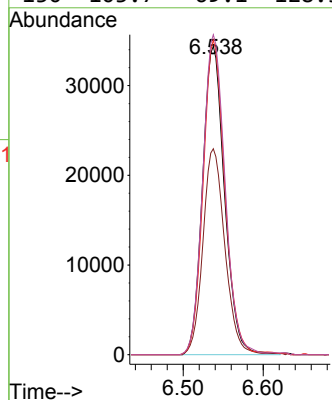
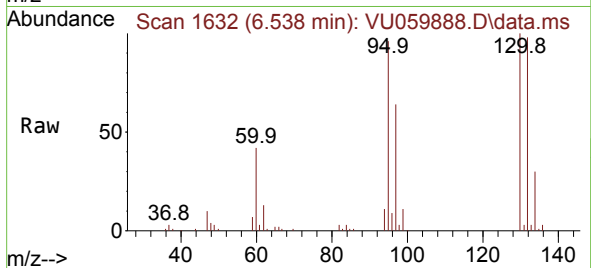
Ion Ratio Lower Upper

95 100

97 66.8 45.3 84.1

132 102.0 64.0 119.0

130 103.7 69.1 128.3



#35

Methylcyclohexane

Concen: 5.072 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VU059888.D

Acq: 08 Jul 2024 17:06

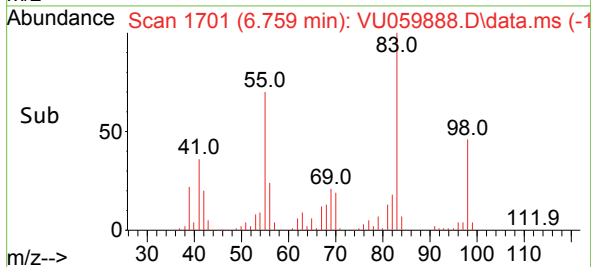
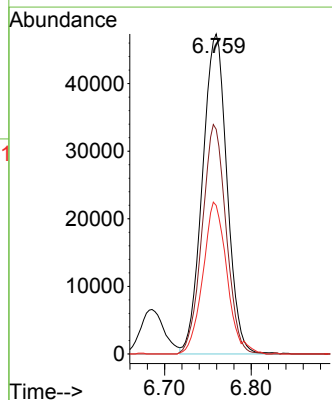
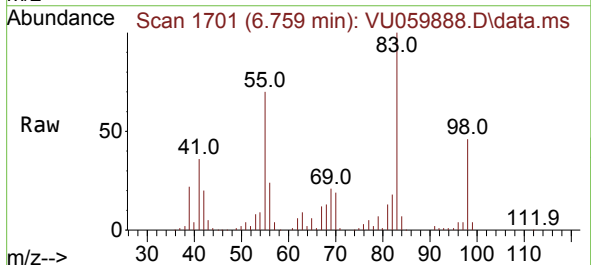
Tgt Ion: 83 Resp: 93243

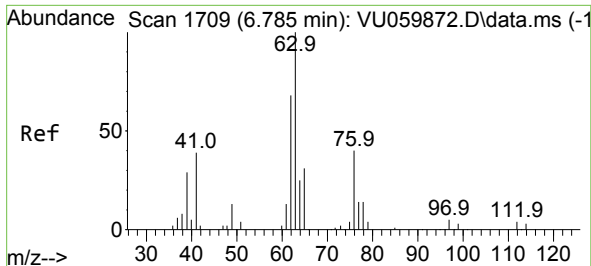
Ion Ratio Lower Upper

83 100

55 69.9 62.7 94.1

98 46.4 35.4 53.0





#37

1,2-Dichloropropane

Concen: 5.515 ug/L

RT: 6.785 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU059888.D

Acq: 08 Jul 2024 17:06

Instrument :

MSVOA_U

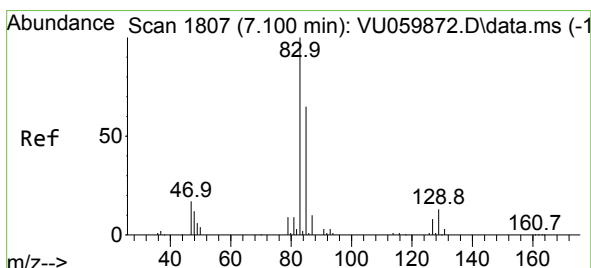
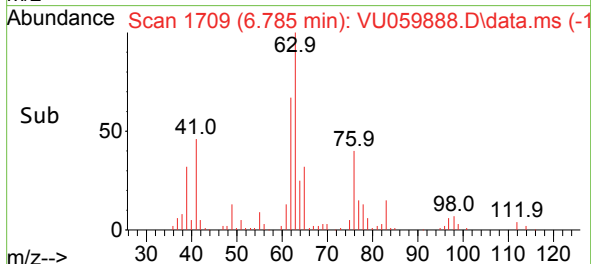
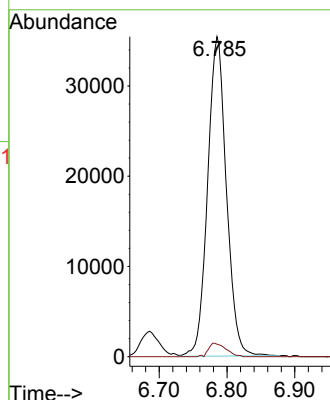
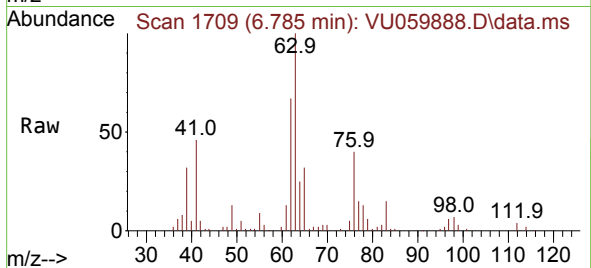
ClientSampleId :

Tgt Ion: 63 Resp: 68095

Ion Ratio Lower Upper

63 100

112 3.9 2.6 3.8#



#38

Bromodichloromethane

Concen: 5.498 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VU059888.D

Acq: 08 Jul 2024 17:06

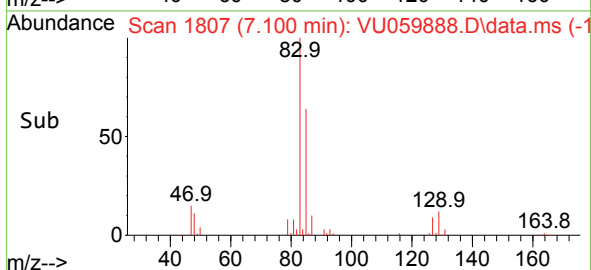
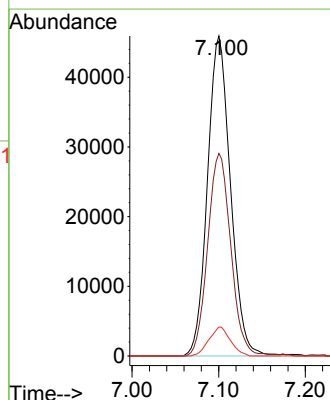
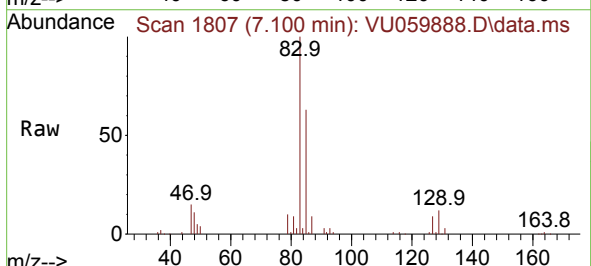
Tgt Ion: 83 Resp: 84732

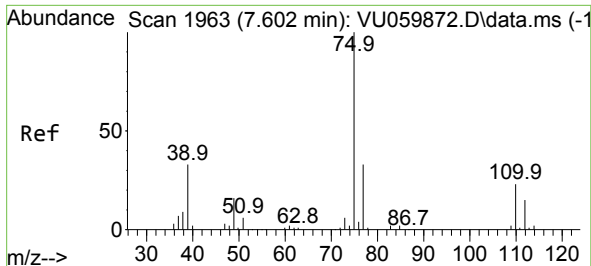
Ion Ratio Lower Upper

83 100

85 63.3 42.7 79.3

127 9.0 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 5.454 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU059888.D

Acq: 08 Jul 2024 17:06

Instrument :

MSVOA_U

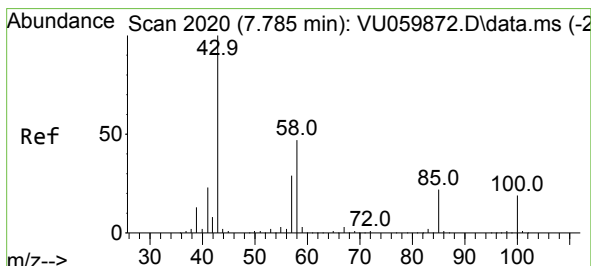
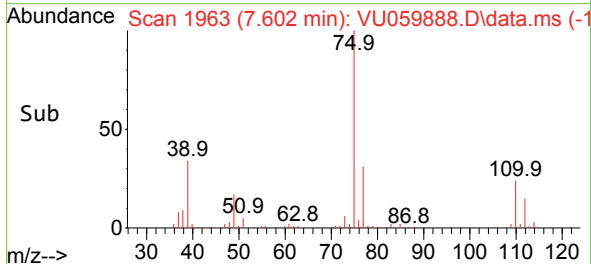
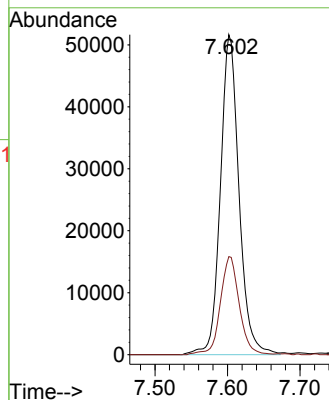
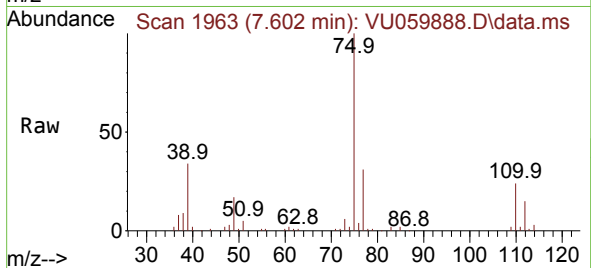
ClientSampleId :

Tgt Ion: 75 Resp: 92092

Ion Ratio Lower Upper

75 100

77 30.7 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 58.618 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. 0.000 min

Lab File: VU059888.D

Acq: 08 Jul 2024 17:06

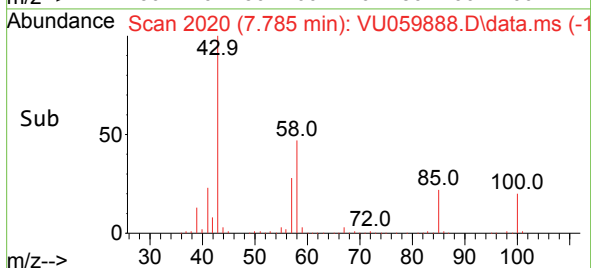
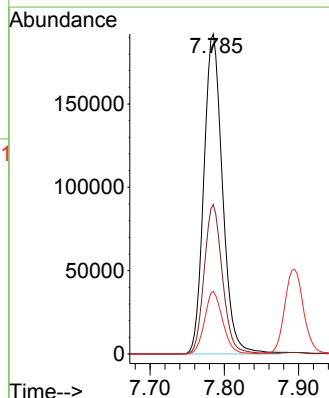
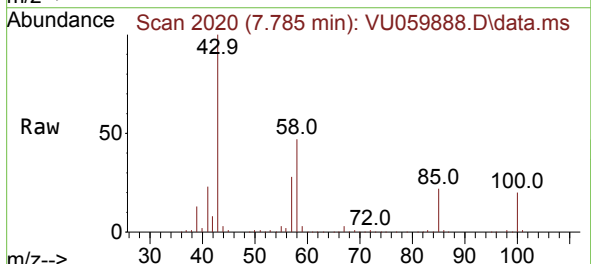
Tgt Ion: 43 Resp: 335344

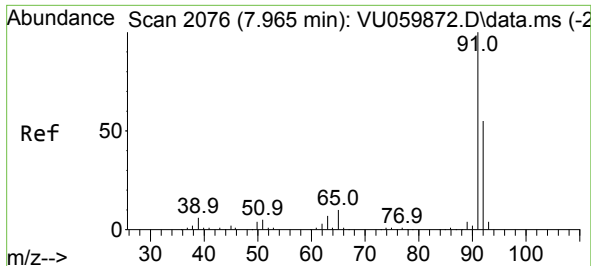
Ion Ratio Lower Upper

43 100

58 45.7 34.0 51.0

100 18.9 12.1 18.1





#42

Toluene

Concen: 5.612 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU059888.D

Acq: 08 Jul 2024 17:06

Instrument :

MSVOA_U

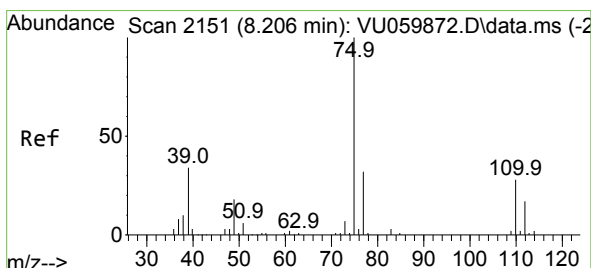
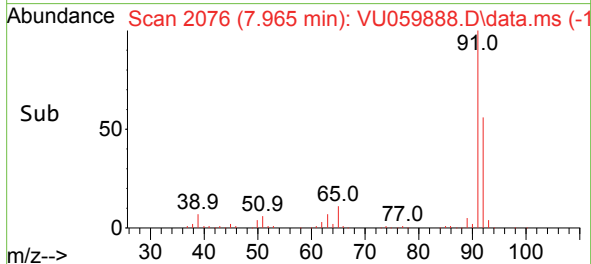
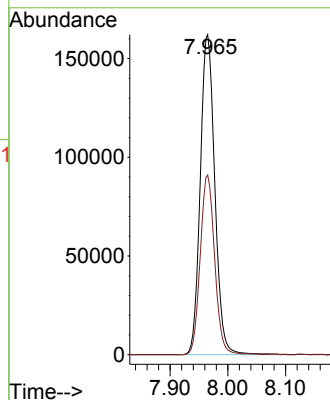
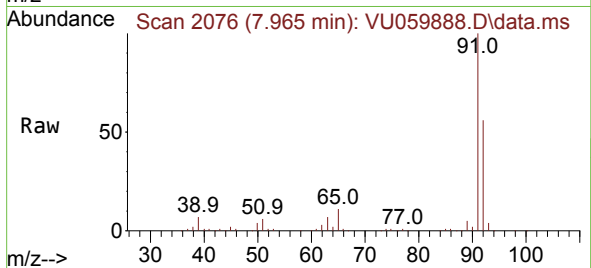
ClientSampleId :

Tgt Ion: 91 Resp: 283471

Ion Ratio Lower Upper

91 100

92 56.1 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.702 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU059888.D

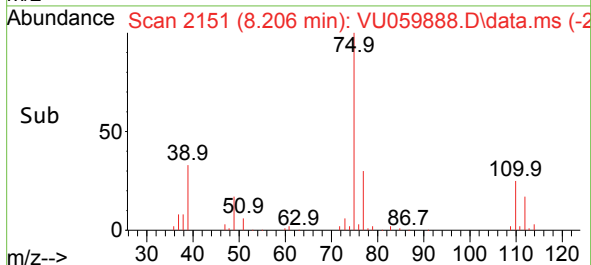
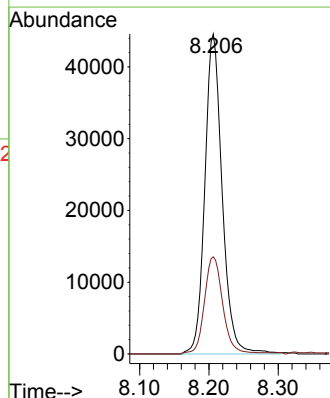
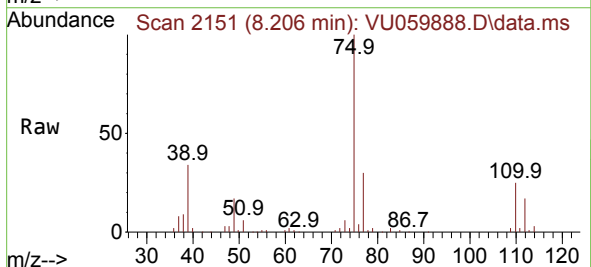
Acq: 08 Jul 2024 17:06

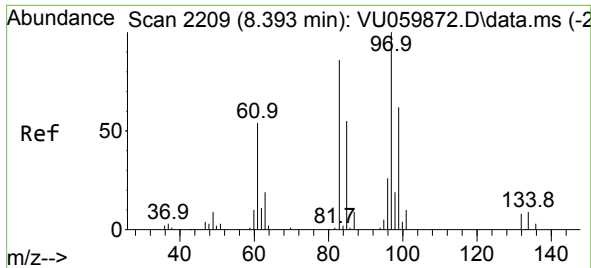
Tgt Ion: 75 Resp: 77280

Ion Ratio Lower Upper

75 100

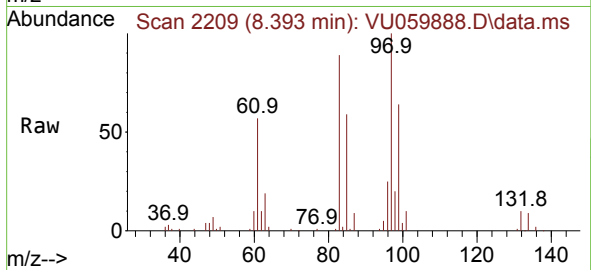
77 30.4 22.0 41.0



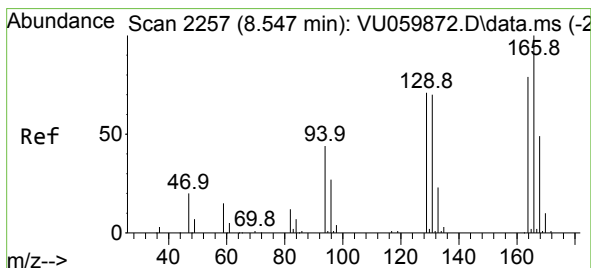
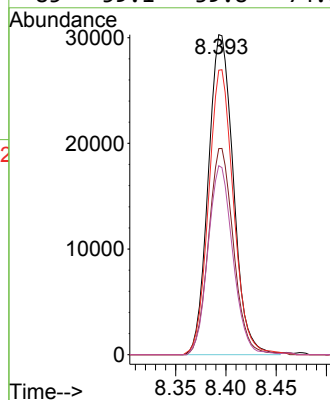
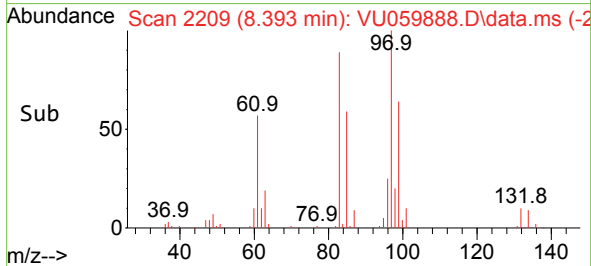


#45
1,1,2-Trichloroethane
Concen: 5.777 ug/L
RT: 8.393 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU059888.D
Acq: 08 Jul 2024 17:06

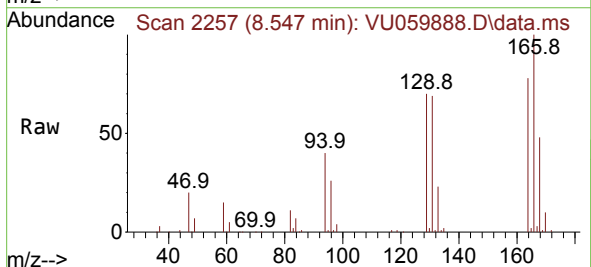
Instrument :
MSVOA_U
ClientSampleId :



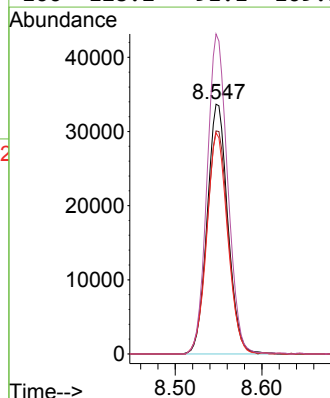
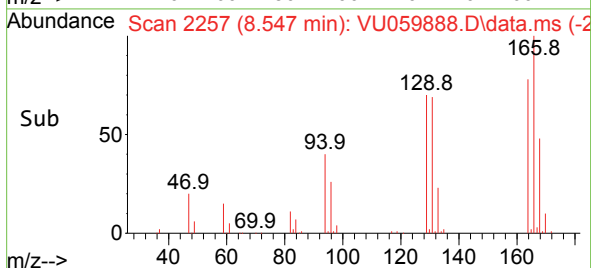
Tgt Ion:	97	Resp:	52559
Ion	Ratio	Lower	Upper
97	100		
99	64.4	43.3	80.3
83	88.9	62.3	115.7
85	59.1	39.8	74.0

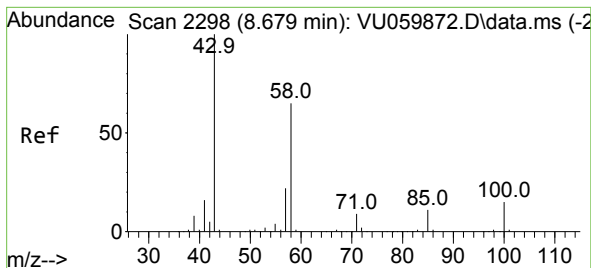


#47
Tetrachloroethene
Concen: 5.593 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU059888.D
Acq: 08 Jul 2024 17:06



Tgt Ion:	164	Resp:	56078
Ion	Ratio	Lower	Upper
164	100		
129	89.4	70.8	131.4
131	88.5	64.8	120.3
166	128.2	91.1	169.1





#48

2-Hexanone

Concen: 60.891 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. 0.000 min

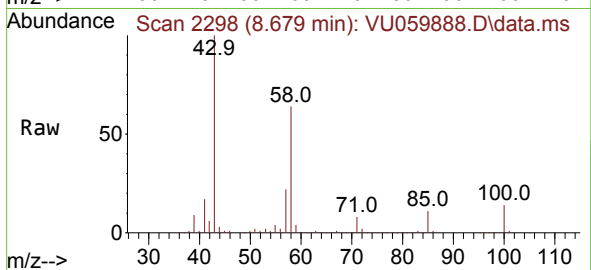
Lab File: VU059888.D

Acq: 08 Jul 2024 17:06

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 248611

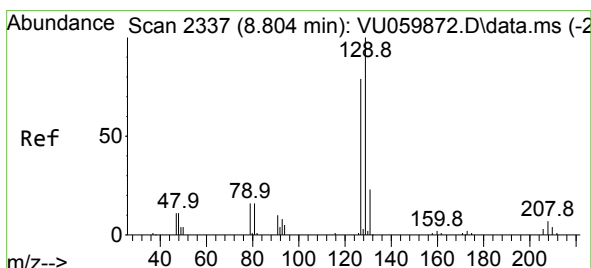
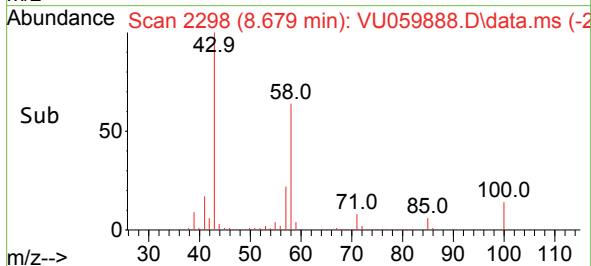
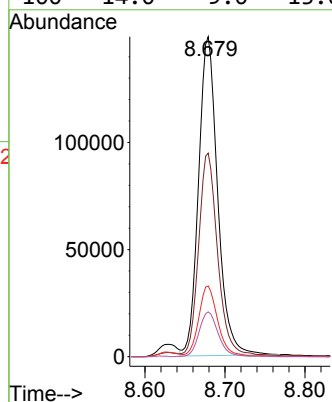
Ion Ratio Lower Upper

43 100

58 63.6 46.1 69.1

57 21.6 15.5 23.3

100 14.0 9.0 13.6#



#49

Dibromochloromethane

Concen: 5.785 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VU059888.D

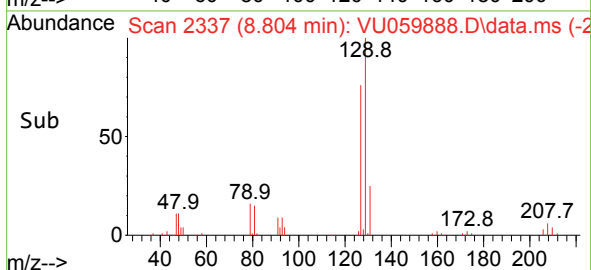
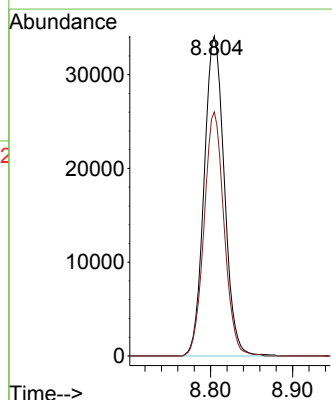
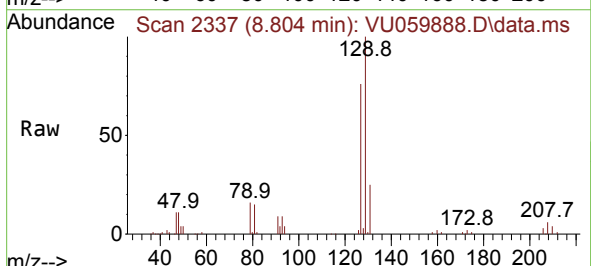
Acq: 08 Jul 2024 17:06

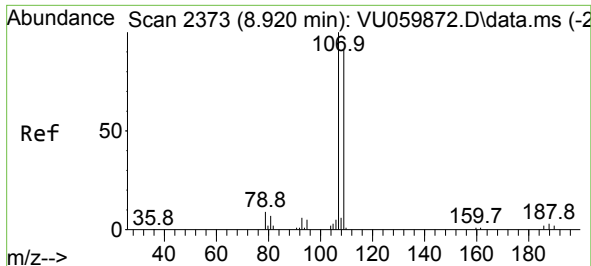
Tgt Ion: 129 Resp: 58298

Ion Ratio Lower Upper

129 100

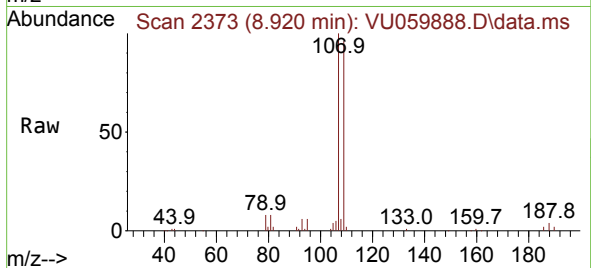
127 76.2 52.5 97.5



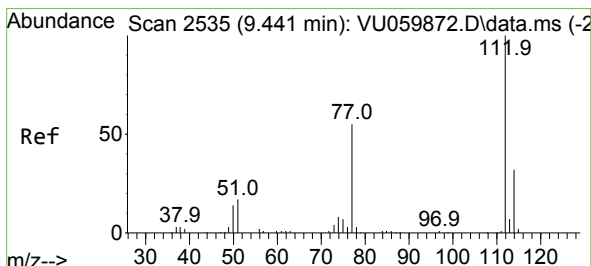
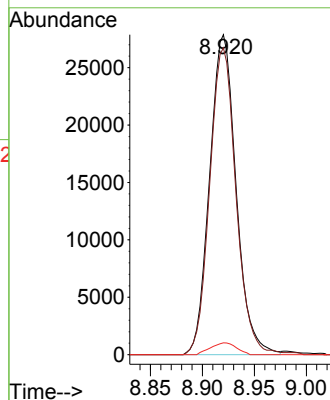
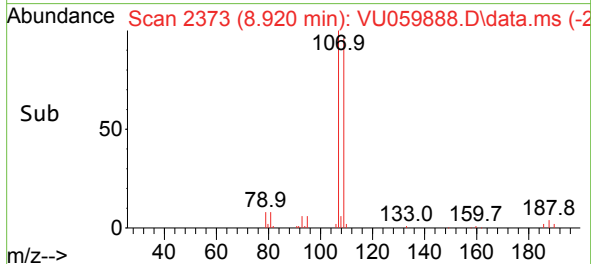


#50
1,2-Dibromoethane
Concen: 5.873 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU059888.D
Acq: 08 Jul 2024 17:06

Instrument :
MSVOA_U
ClientSampleId :

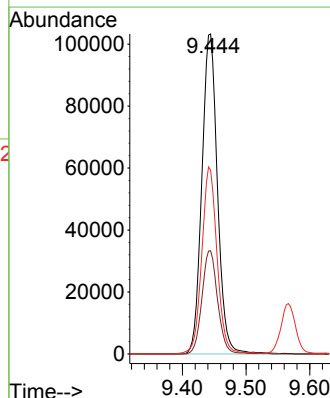
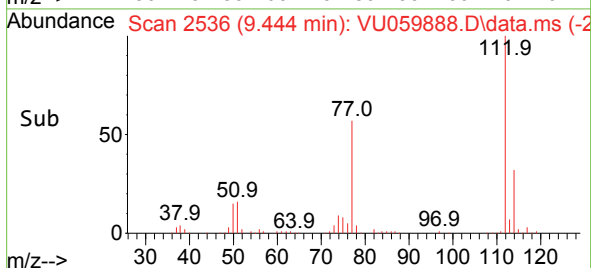
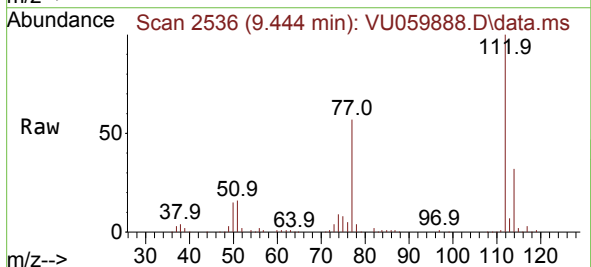


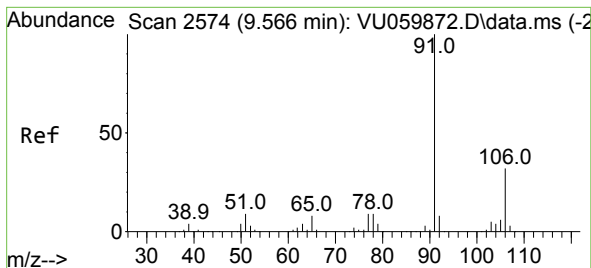
Tgt Ion:107 Resp: 49347
Ion Ratio Lower Upper
107 100
109 95.9 66.9 124.3
188 3.7 2.7 4.1



#51
Chlorobenzene
Concen: 5.490 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU059888.D
Acq: 08 Jul 2024 17:06

Tgt Ion:112 Resp: 175879
Ion Ratio Lower Upper
112 100
114 32.2 22.4 41.6
77 57.5 49.1 73.7





#52

Ethylbenzene

Concen: 5.401 ug/L

RT: 9.566 min Scan# 2

Delta R.T. 0.000 min

Lab File: VU059888.D

Acq: 08 Jul 2024 17:06

Instrument :

MSVOA_U

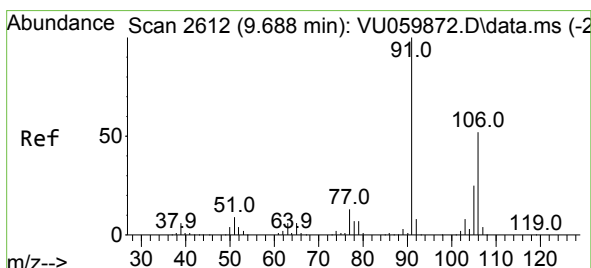
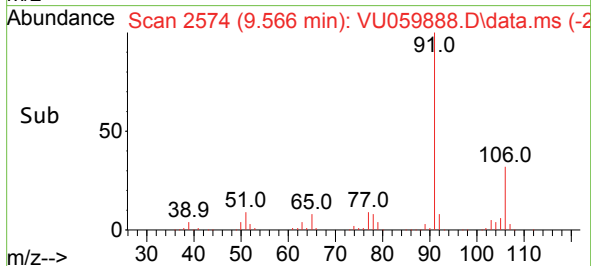
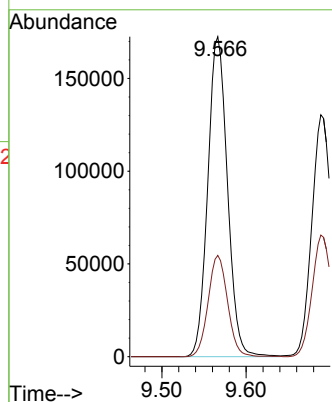
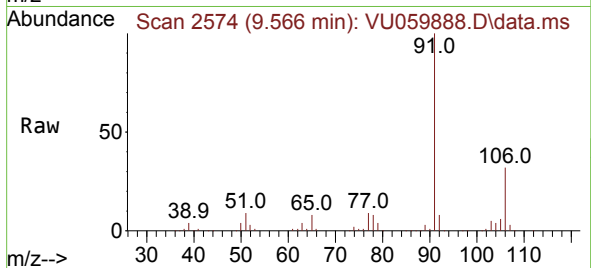
ClientSampleId :

Tgt Ion: 91 Resp: 279832

Ion Ratio Lower Upper

91 100

106 31.6 20.9 38.7



#53

m,p-Xylene

Concen: 5.465 ug/L

RT: 9.689 min Scan# 2612

Delta R.T. 0.000 min

Lab File: VU059888.D

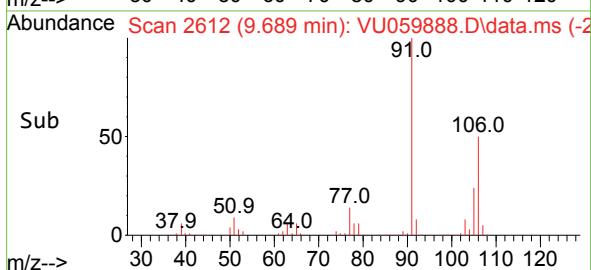
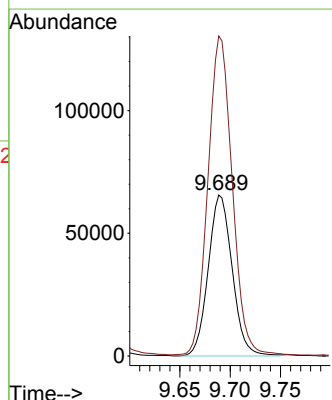
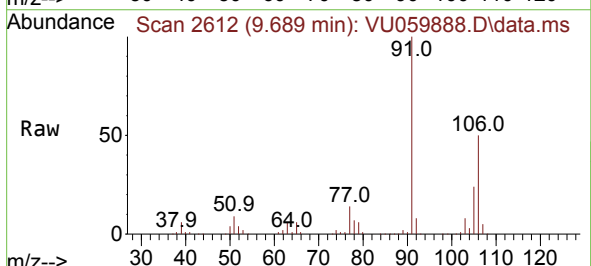
Acq: 08 Jul 2024 17:06

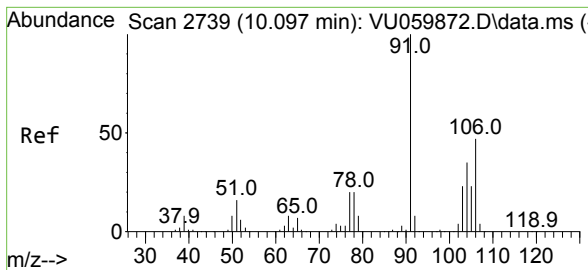
Tgt Ion:106 Resp: 108753

Ion Ratio Lower Upper

106 100

91 198.9 142.0 263.8

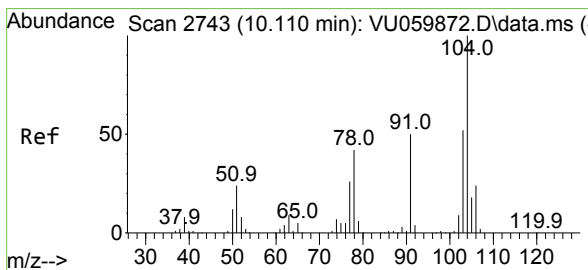
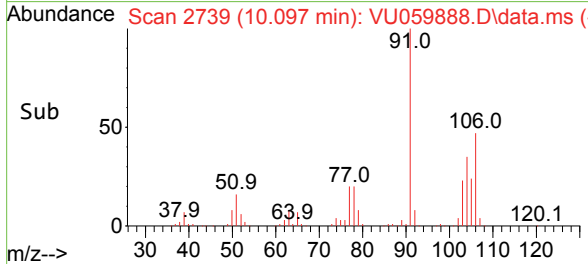
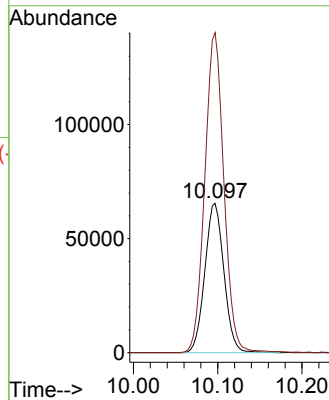
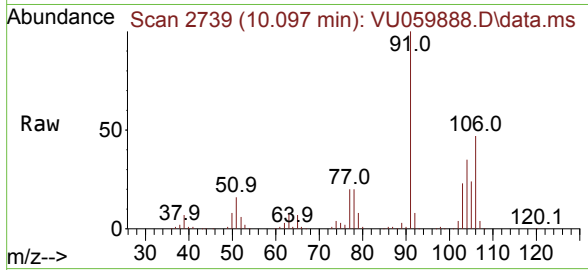




#54
o-Xylene
Concen: 5.474 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU059888.D
Acq: 08 Jul 2024 17:06

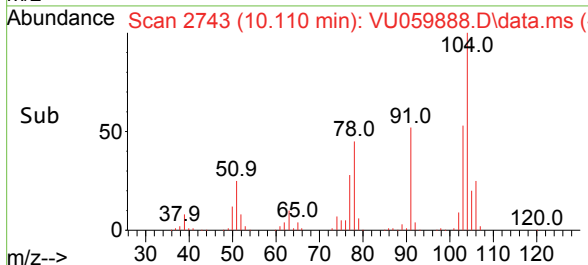
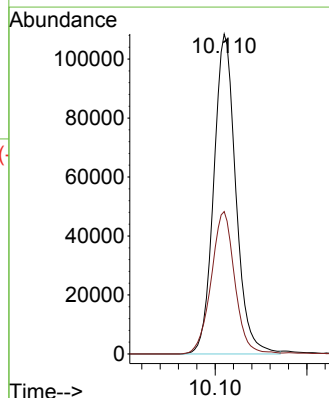
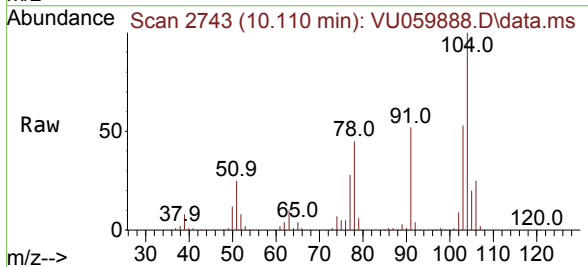
Instrument :
MSVOA_U
ClientSampleId :

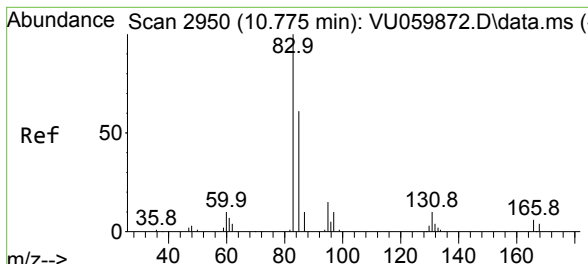
Tgt Ion:106 Resp: 103375
Ion Ratio Lower Upper
106 100
91 214.3 151.6 281.6



#55
Styrene
Concen: 5.630 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU059888.D
Acq: 08 Jul 2024 17:06

Tgt Ion:104 Resp: 181013
Ion Ratio Lower Upper
104 100
78 44.5 32.3 60.1

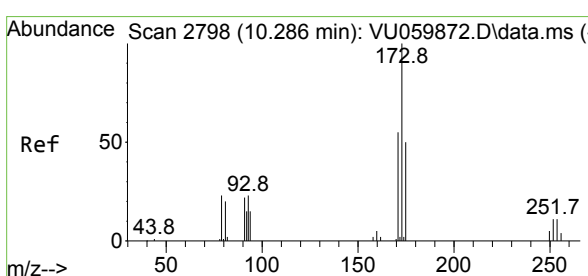
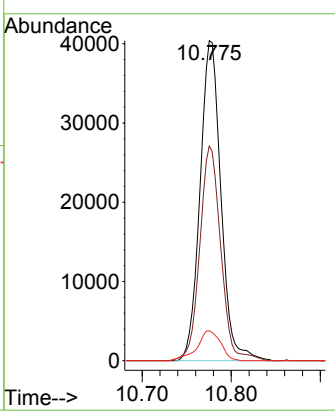
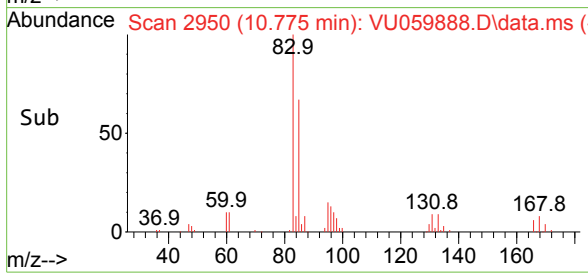
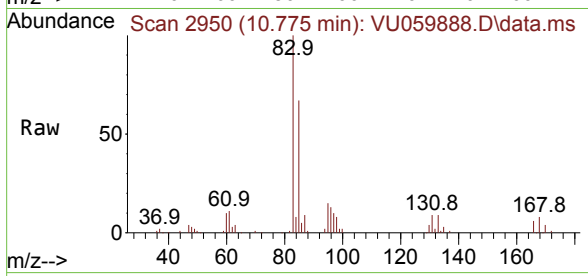




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.959 ug/L
 RT: 10.775 min Scan# 2950
 Delta R.T. 0.000 min
 Lab File: VU059888.D
 Acq: 08 Jul 2024 17:06

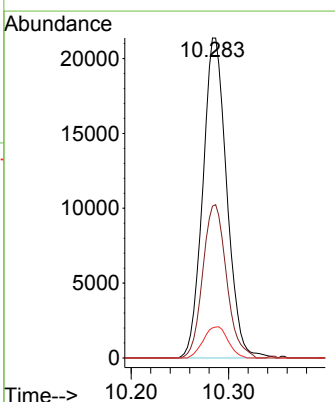
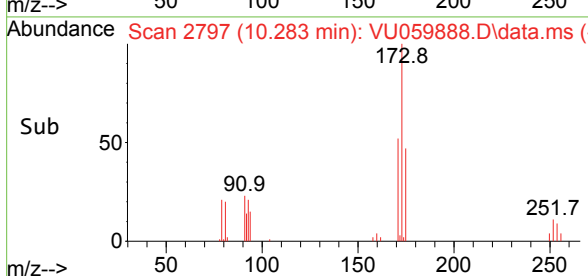
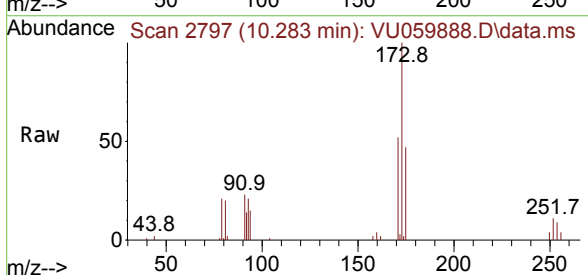
Instrument :
 MSVOA_U
 ClientSampleId :

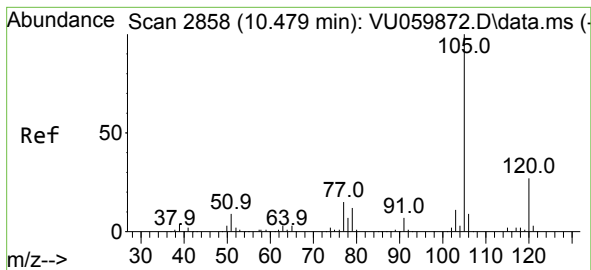
Tgt Ion:	83	Resp:	65766
Ion	Ratio	Lower	Upper
83	100		
85	67.1	44.7	82.9
131	9.4	6.9	10.3



#59
 Bromoform
 Concen: 5.691 ug/L
 RT: 10.283 min Scan# 2797
 Delta R.T. -0.003 min
 Lab File: VU059888.D
 Acq: 08 Jul 2024 17:06

Tgt Ion:	173	Resp:	36448
Ion	Ratio	Lower	Upper
173	100		
175	47.5	39.4	59.2
254	10.0	7.4	11.2





#60

Isopropylbenzene

Concen: 5.299 ug/L

RT: 10.480 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU059888.D

Acq: 08 Jul 2024 17:06

Instrument :

MSVOA_U

ClientSampleId :

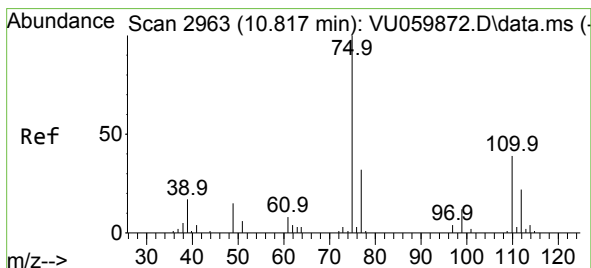
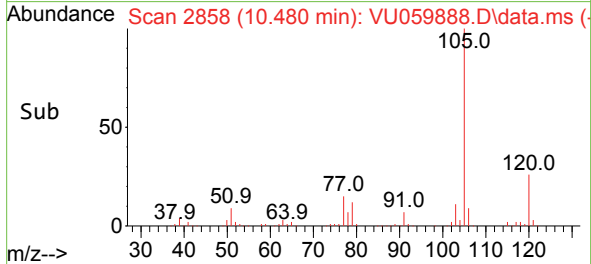
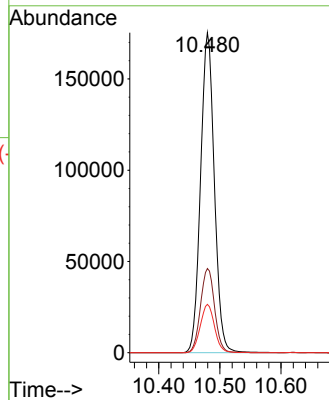
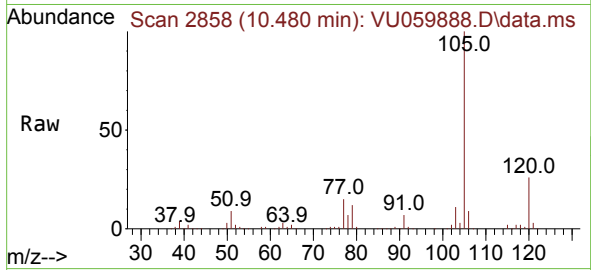
Tgt Ion:105 Resp: 273919

Ion Ratio Lower Upper

105 100

120 26.9 20.6 31.0

77 15.6 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 5.828 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU059888.D

Acq: 08 Jul 2024 17:06

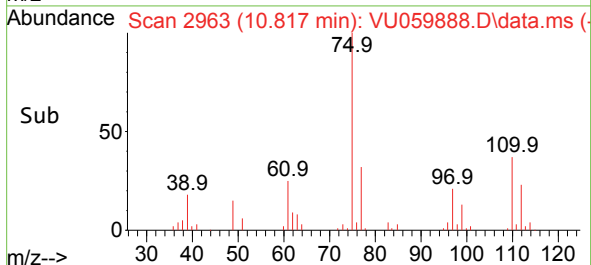
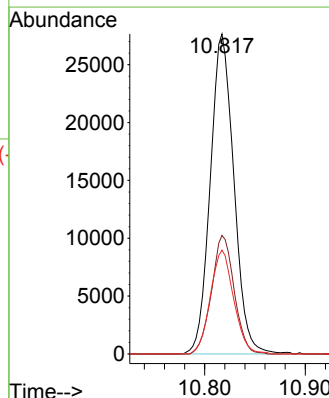
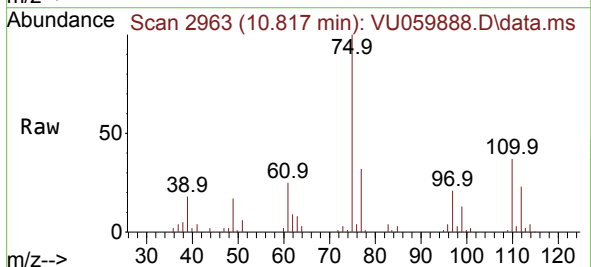
Tgt Ion: 75 Resp: 45071

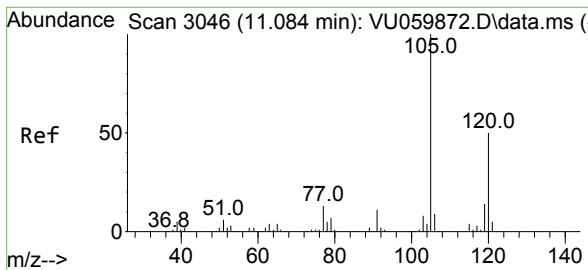
Ion Ratio Lower Upper

75 100

110 35.5 27.1 40.7

77 32.1 25.4 38.2

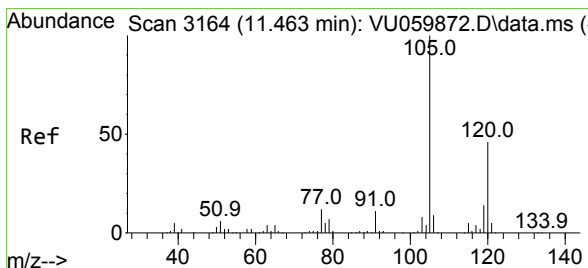
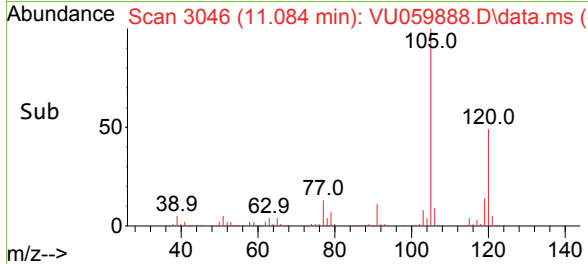
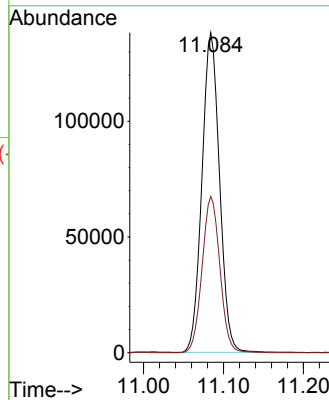
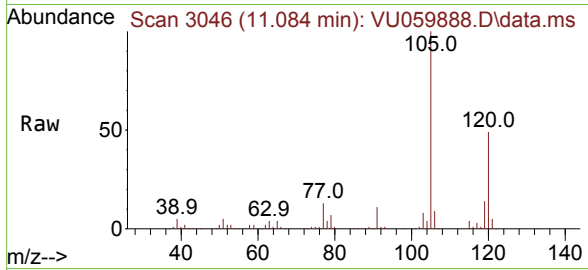




#62
 1,3,5-Trimethylbenzene
 Concen: 5.182 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. 0.000 min
 Lab File: VU059888.D
 Acq: 08 Jul 2024 17:06

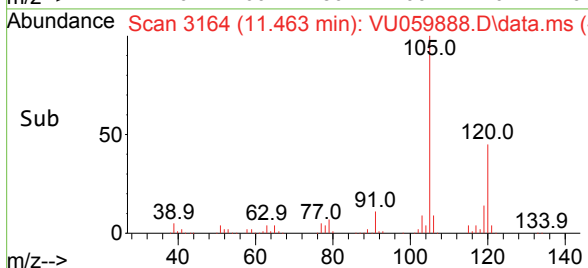
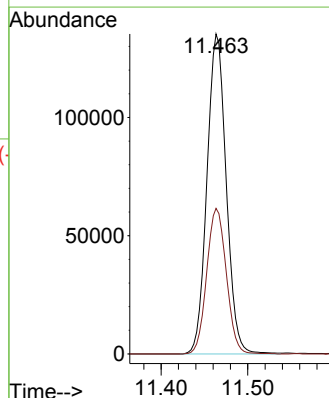
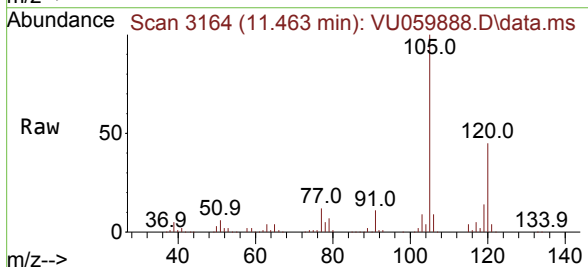
Instrument :
 MSVOA_U
 ClientSampleId :

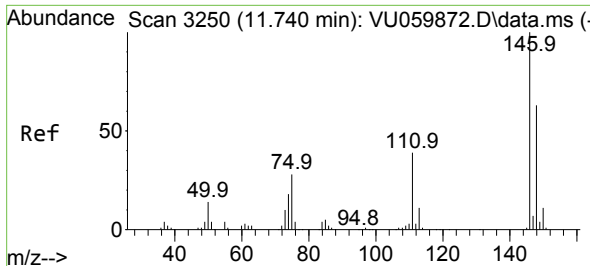
Tgt Ion:105 Resp: 212214
 Ion Ratio Lower Upper
 105 100
 120 49.4 38.2 57.4



#63
 1,2,4-Trimethylbenzene
 Concen: 5.340 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. 0.000 min
 Lab File: VU059888.D
 Acq: 08 Jul 2024 17:06

Tgt Ion:105 Resp: 209095
 Ion Ratio Lower Upper
 105 100
 120 46.3 35.4 53.0

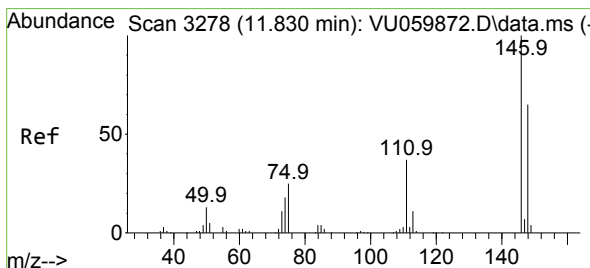
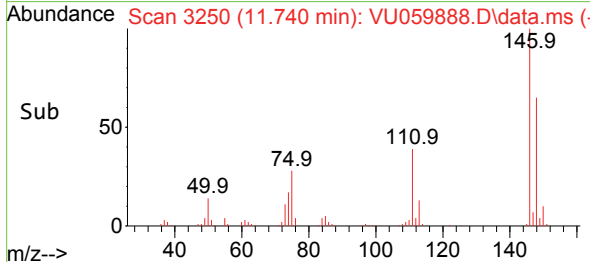
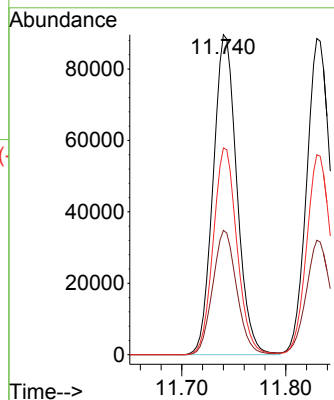
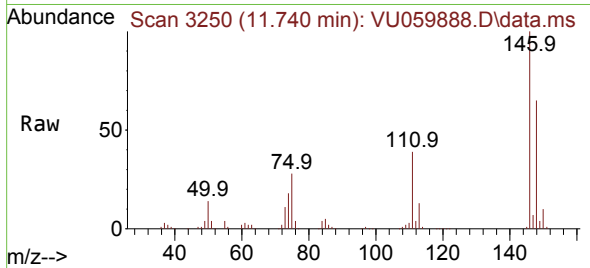




#64
1,3-Dichlorobenzene
Concen: 5.411 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU059888.D
Acq: 08 Jul 2024 17:06

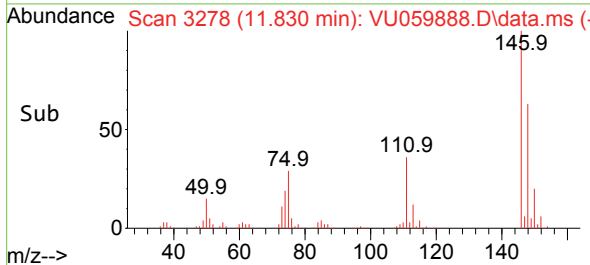
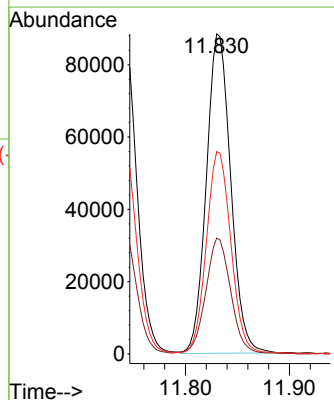
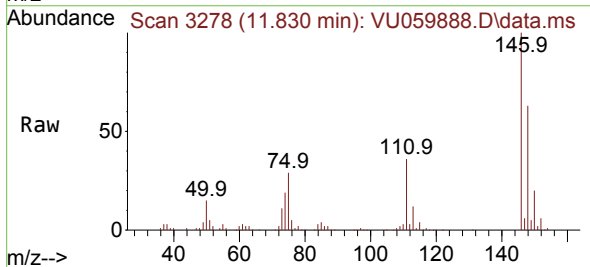
Instrument :
MSVOA_U
ClientSampleId :

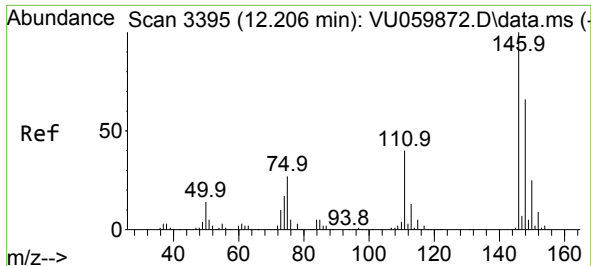
Tgt Ion:146 Resp: 142263
Ion Ratio Lower Upper
146 100
111 38.8 27.4 51.0
148 64.6 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 5.317 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU059888.D
Acq: 08 Jul 2024 17:06

Tgt Ion:146 Resp: 143895
Ion Ratio Lower Upper
146 100
111 36.2 26.9 50.1
148 63.3 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.413 ug/L

RT: 12.209 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU059888.D

Acq: 08 Jul 2024 17:06

Instrument :

MSVOA_U

ClientSampleId :

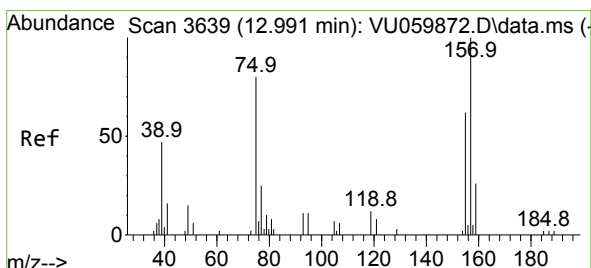
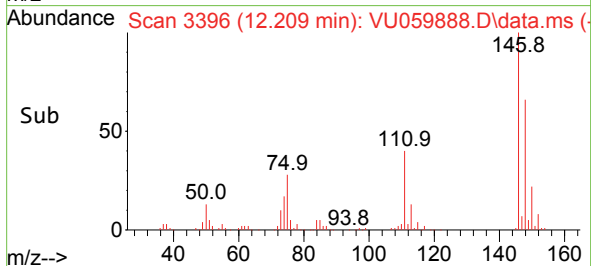
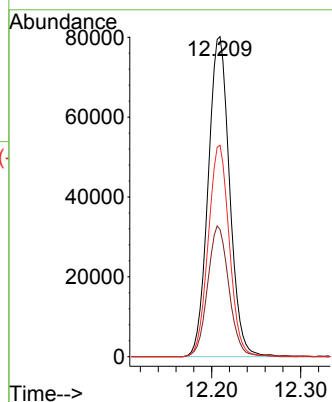
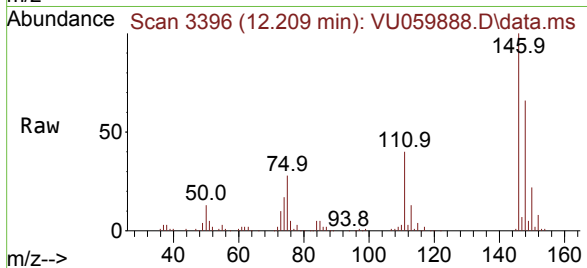
Tgt Ion:146 Resp: 133944

Ion Ratio Lower Upper

146 100

111 39.8 33.4 50.0

148 66.1 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.946 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU059888.D

Acq: 08 Jul 2024 17:06

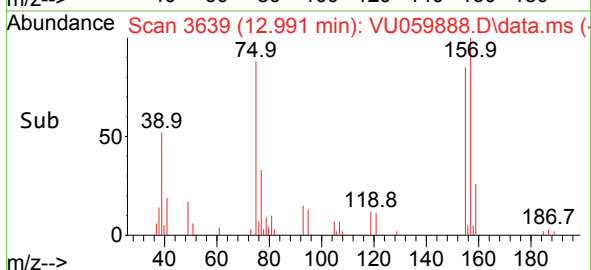
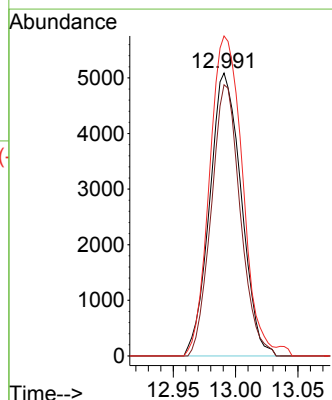
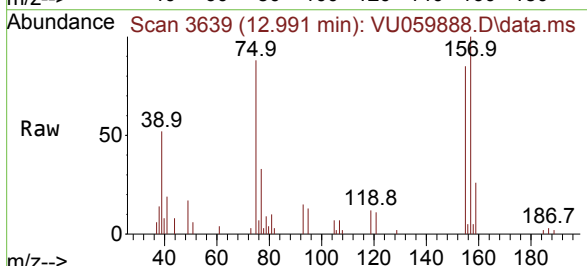
Tgt Ion: 75 Resp: 8969

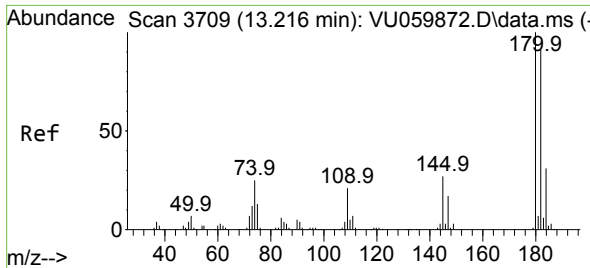
Ion Ratio Lower Upper

75 100

155 95.9 58.2 87.2#

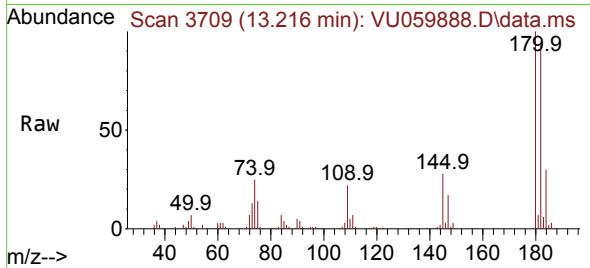
157 113.1 80.0 120.0



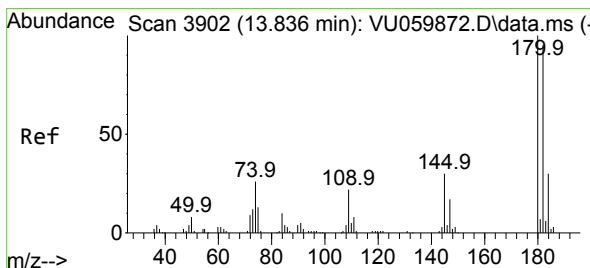
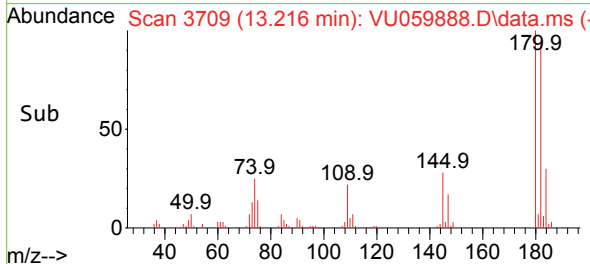
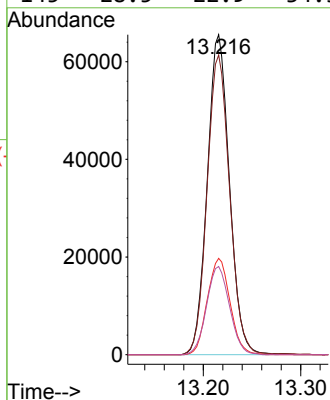


#69
 1,3,5-Trichlorobenzene
 Concen: 5.322 ug/L
 RT: 13.216 min Scan# 3709
 Delta R.T. 0.000 min
 Lab File: VU059888.D
 Acq: 08 Jul 2024 17:06

Instrument :
 MSVOA_U
 ClientSampleId :

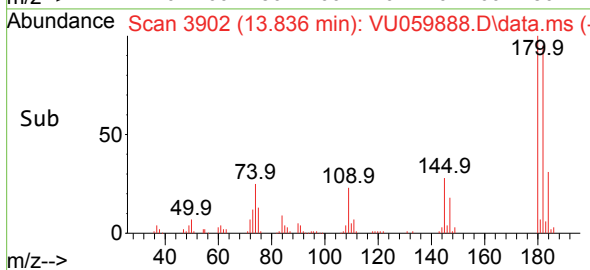
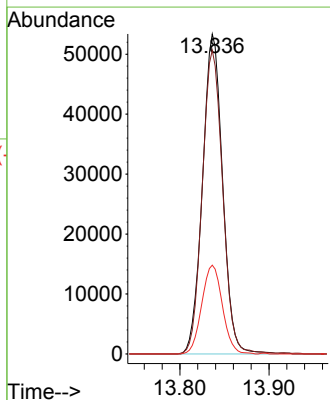
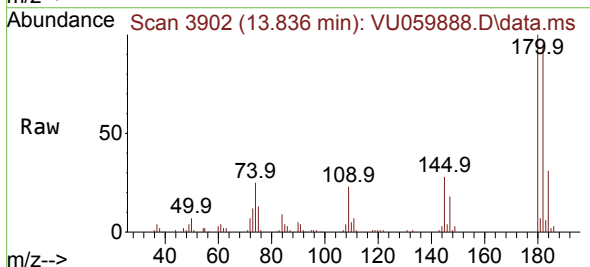


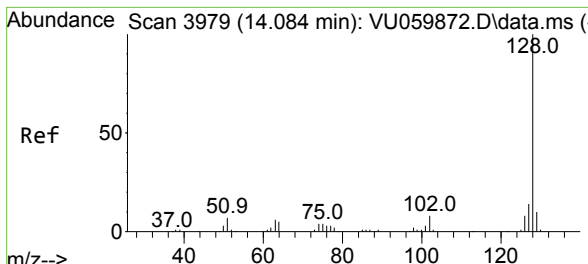
Tgt Ion:180 Resp: 103579
 Ion Ratio Lower Upper
 180 100
 182 95.4 75.4 113.0
 184 30.8 23.0 34.6
 145 28.5 22.9 34.3



#70
 1,2,4-trichlorobenzene
 Concen: 5.599 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.000 min
 Lab File: VU059888.D
 Acq: 08 Jul 2024 17:06

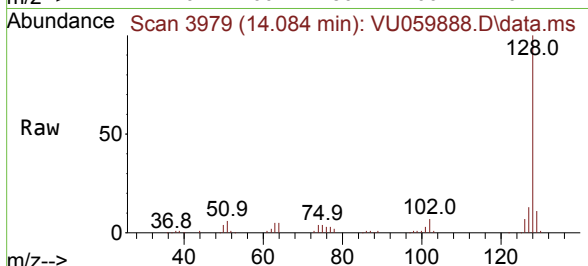
Tgt Ion:180 Resp: 83593
 Ion Ratio Lower Upper
 180 100
 182 96.1 74.9 112.3
 145 28.5 23.9 35.9



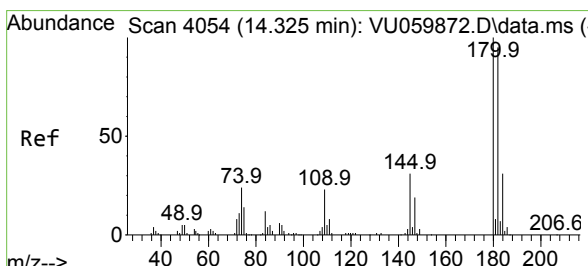
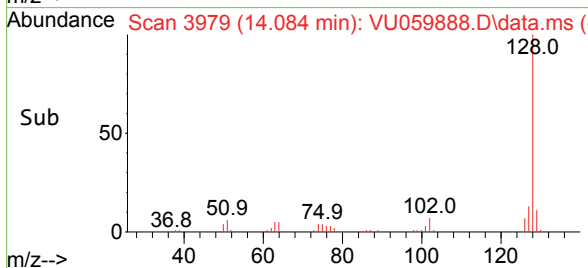
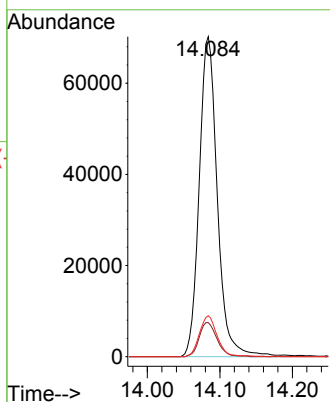


#71
Naphthalene
Concen: 5.695 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU059888.D
Acq: 08 Jul 2024 17:06

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	121699
Ion Ratio	100	Lower	Upper
128	100		
129	10.5	8.2	12.4
127	12.4	10.2	15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.767 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU059888.D
Acq: 08 Jul 2024 17:06

Tgt Ion:	180	Resp:	79951
Ion Ratio	100	Lower	Upper
180	100		
182	95.3	77.0	115.6
145	30.3	26.2	39.4

