

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
 Data File : VU059921.D
 Acq On : 12 Jul 2024 15:03
 Operator : MD/SY
 Sample : P3217-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 13 03:56:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 13 03:52:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	174666	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	182472	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	111567	5.000	ug/L	# 0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.595	65	58303	4.800	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.000%
7) Chloroethane-d5	1.911	69	46494	3.979	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.563	65	21218	4.211	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.200%
20) 2-Butanone-d5	4.637	46	118591	47.403	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.800%
24) Chloroform-d	5.055	84	95308	3.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.400%
26) 1,2-Dichloroethane-d4	5.695	65	48193	4.013	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
32) Benzene-d6	5.721	84	202040	4.023	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
36) 1,2-Dichloropropane-d6	6.685	67	64188	4.171	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.400%
41) Toluene-d8	7.891	98	198433	4.250	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	8.174	79	23429	4.862	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.200%
46) 2-Hexanone-d5	8.627	63	102069	50.980	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.960%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	54852	4.314	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	92061	4.636	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%

Target Compounds

						Qvalue
5) Vinyl chloride	1.599	62	530400	30.143	ug/L	99
8) Chloroethane	1.930	64	10386	0.980	ug/L	99
12) 1,1-Dichloroethene	2.573	96	7903	0.638	ug/L	# 1
13) Acetone	2.637	43	170438	105.023	ug/L	90
14) Carbon disulfide	2.792	76	9191	0.222	ug/L	99
15) Methyl Acetate	3.219	43	3784	0.884	ug/L	# 51
16) Methylene chloride	3.036	84	2983	0.203	ug/L	84
18) trans-1,2-Dichloroethene	3.348	96	224192	17.402	ug/L	90
19) 1,1-Dichloroethane	3.859	63	265753	11.186	ug/L	99
21) 2-Butanone	4.711	43	51442	19.763	ug/L	# 1
27) 1,2-Dichloroethane	5.769	62	3407	0.225	ug/L	98
30) Cyclohexane	5.383	56	1864	0.100	ug/L	# 85
33) Benzene	5.766	78	320802	5.789	ug/L	100
34) Trichloroethene	6.534	95	704181	46.925	ug/L	96
35) Methylcyclohexane	6.756	83	13213	0.619	ug/L	95
37) 1,2-Dichloropropane	6.685	63	6384	0.445	ug/L	# 90
40) 4-Methyl-2-pentanone	7.785	43	170811	25.706	ug/L	94
42) Toluene	7.962	91	1284256	21.891	ug/L	100
45) 1,1,2-Trichloroethane	8.364	97	2200	0.208	ug/L	# 22

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

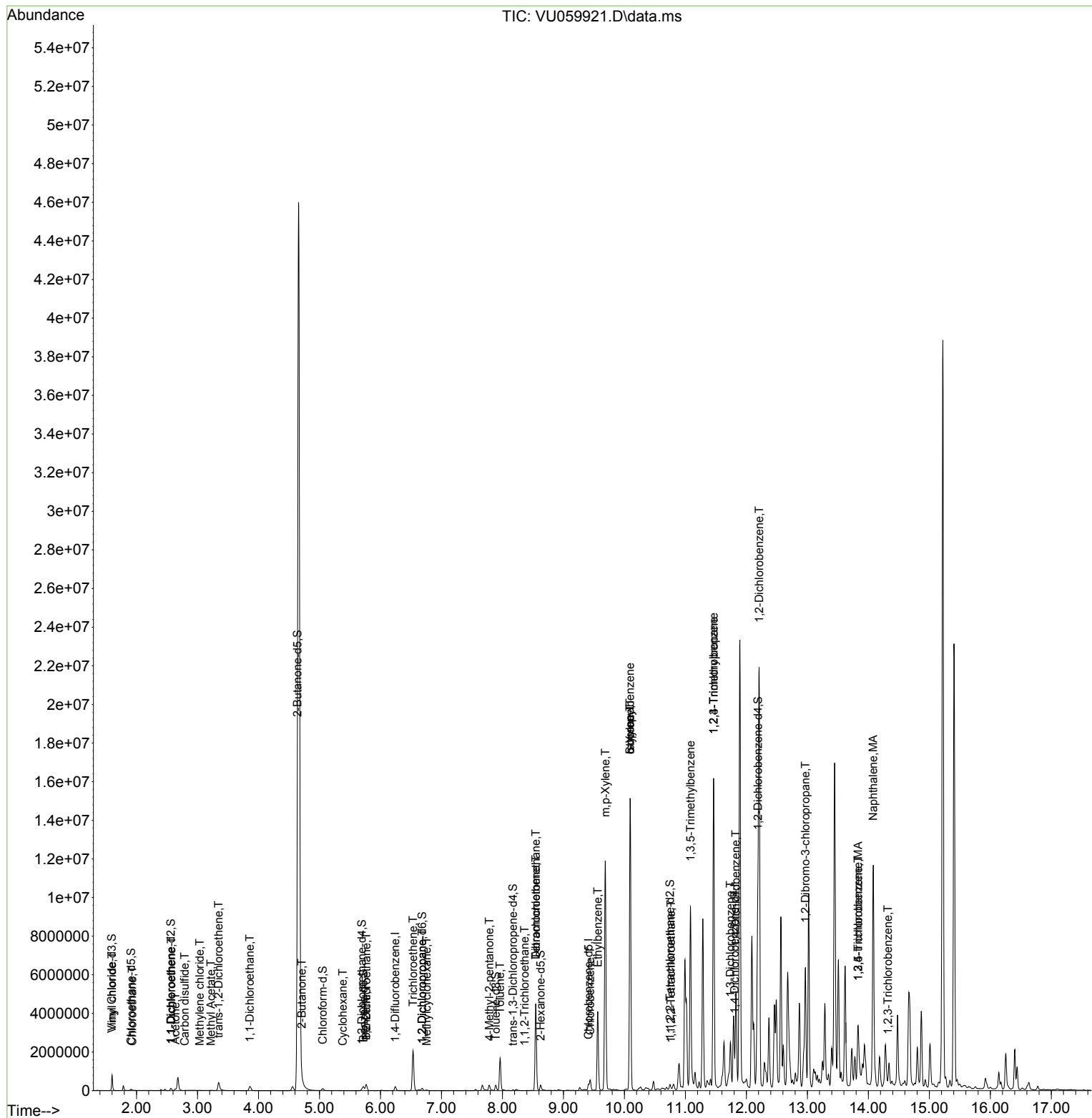
47) Tetrachloroethene	8.547	164	1035785	88.949	ug/L	96
49) Dibromochloromethane	8.547	129	952324	81.356	ug/L #	12
51) Chlorobenzene	9.441	112	310471	8.344	ug/L	96
52) Ethylbenzene	9.563	91	2927798	48.651	ug/L	96
53) m,p-Xylene	9.688	106	3462423	149.804	ug/L	98
54) o-Xylene	10.093	106	4176584	190.405	ug/L	97
55) Styrene	10.093	104	201618	5.399	ug/L #	1
57) 1,1,2,2-Tetrachloroethane	10.765	83	3679	0.287	ug/L #	55
60) Isopropylbenzene	10.093	105	1747200	25.352	ug/L #	26
61) 1,2,3-Trichloropropane	11.463	75	76774	7.447	ug/L #	1
62) 1,3,5-Trimethylbenzene	11.084	105	5002590	91.623	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	8638847	165.494	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	337682	9.633	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	2044519	56.665	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	8718514	264.302	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.968	75	24933	12.398	ug/L #	6
69) 1,3,5-Trichlorobenzene	13.833	180	144687	5.576	ug/L #	68
70) 1,2,4-trichlorobenzene	13.833	180	144687	7.269	ug/L #	61
71) Naphthalene	14.080	128	9107602	319.684	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	41888	2.266	ug/L #	1

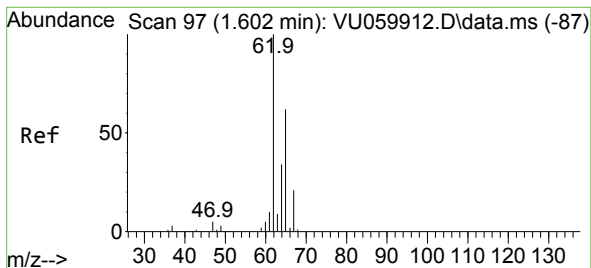
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 30.143 ug/L

RT: 1.599 min Scan# 9

Delta R.T. -0.003 min

Lab File: VU059921.D

Acq: 12 Jul 2024 15:03

Instrument :

MSVOA_U

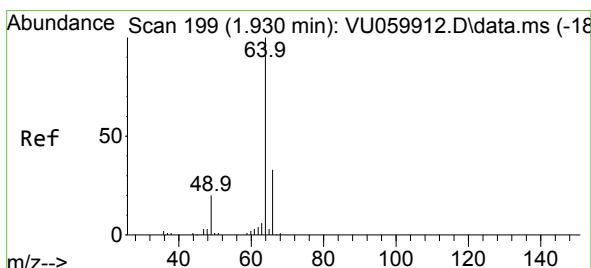
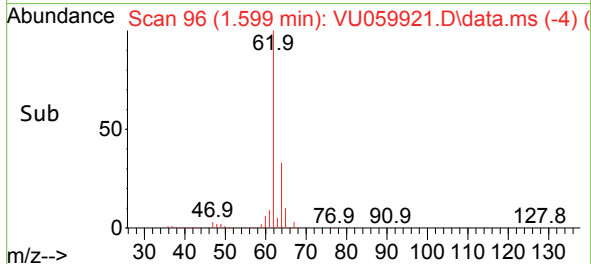
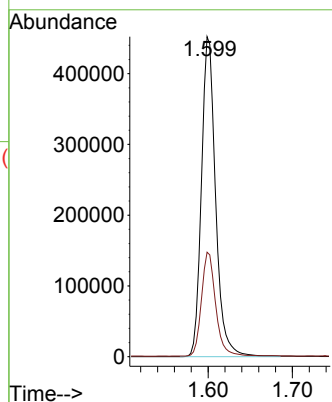
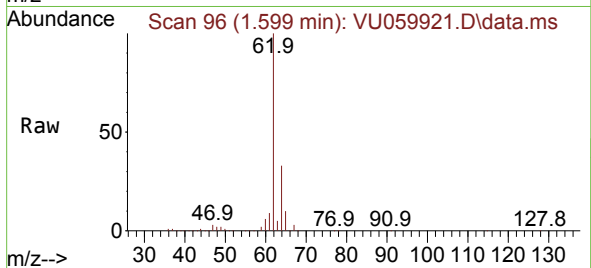
ClientSampleId :

Tgt Ion: 62 Resp: 530400

Ion Ratio Lower Upper

62 100

64 32.6 23.1 42.9



#8

Chloroethane

Concen: 0.980 ug/L

RT: 1.930 min Scan# 199

Delta R.T. 0.000 min

Lab File: VU059921.D

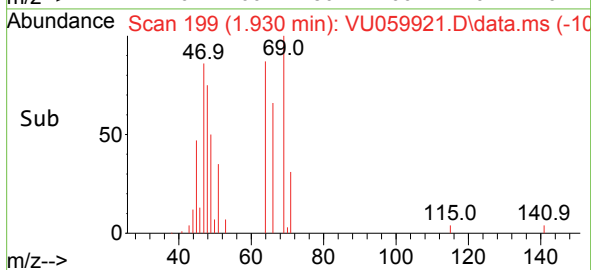
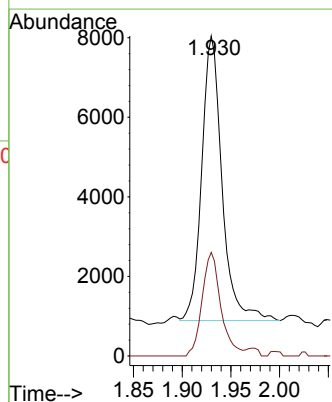
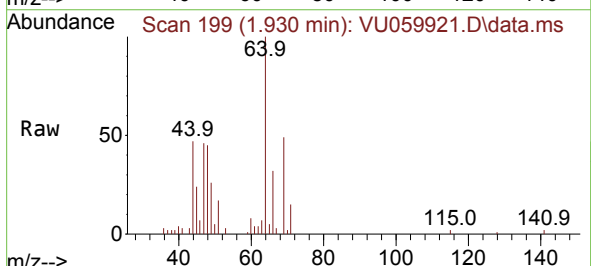
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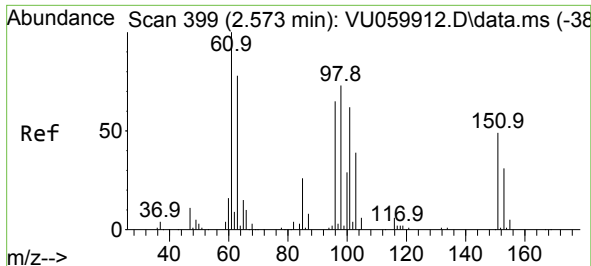
Tgt Ion: 64 Resp: 10386

Ion Ratio Lower Upper

64 100

66 32.4 23.2 43.2





#12

1,1-Dichloroethene

Concen: 0.638 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

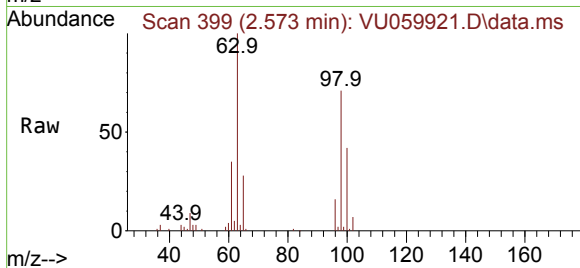
Lab File: VU059921.D

Acq: 12 Jul 2024 15:03

Instrument :

MSVOA_U

ClientSampleId :



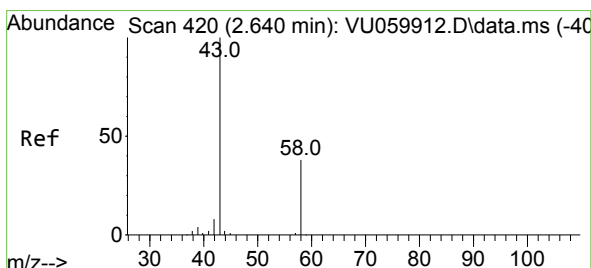
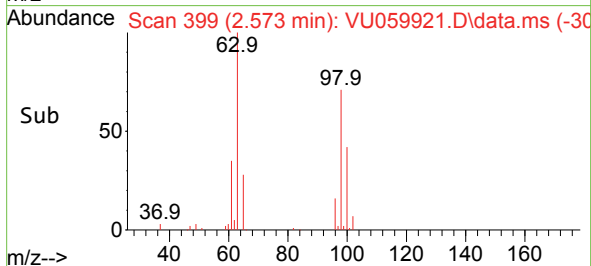
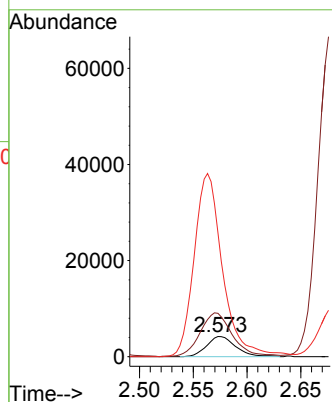
Tgt Ion: 96 Resp: 7903

Ion Ratio Lower Upper

96 100

61 214.6 122.9 228.3

63 613.5 80.4 149.4#



#13

Acetone

Concen: 105.023 ug/L

RT: 2.637 min Scan# 419

Delta R.T. -0.003 min

Lab File: VU059921.D

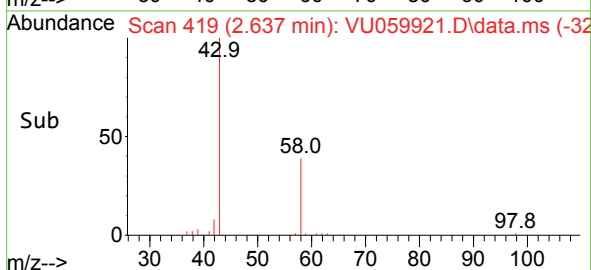
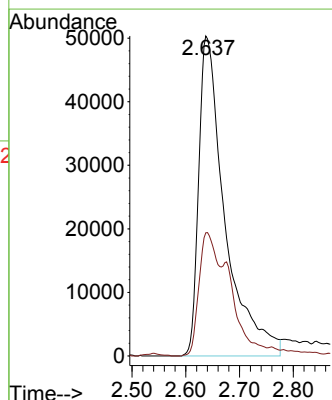
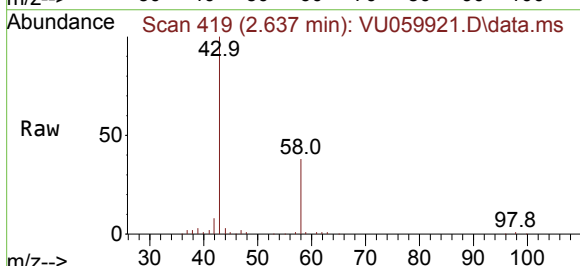
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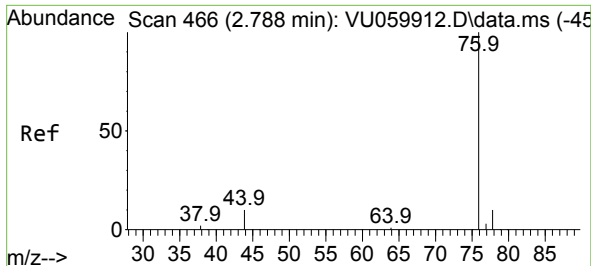
Tgt Ion: 43 Resp: 170438

Ion Ratio Lower Upper

43 100

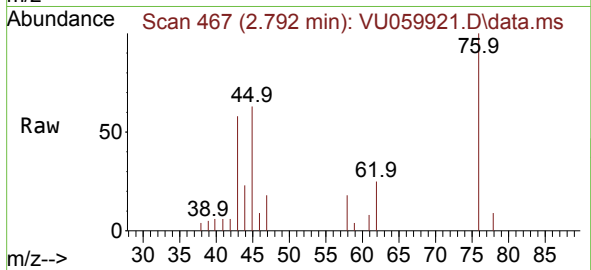
58 28.1 0.0 68.0



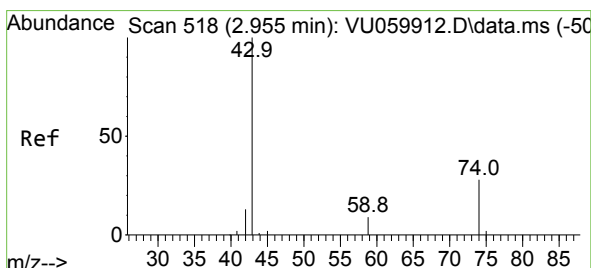
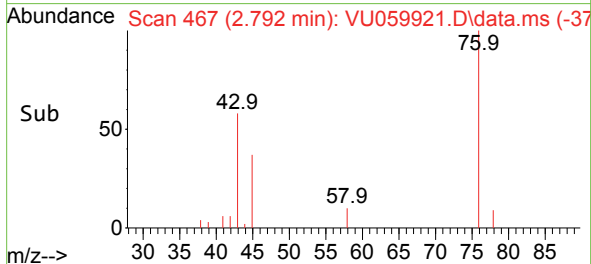
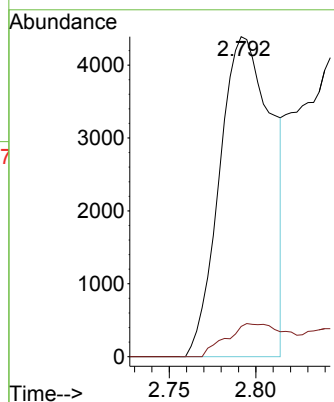


#14
Carbon disulfide
Concen: 0.222 ug/L
RT: 2.792 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU059921.D
Acq: 12 Jul 2024 15:03

Instrument :
MSVOA_U
ClientSampleId :

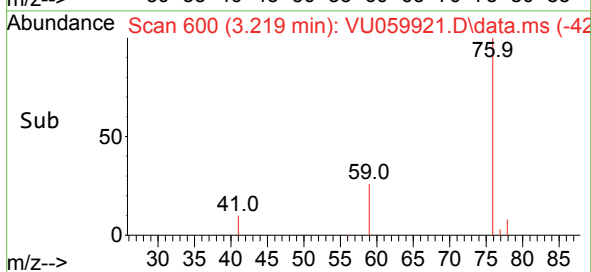
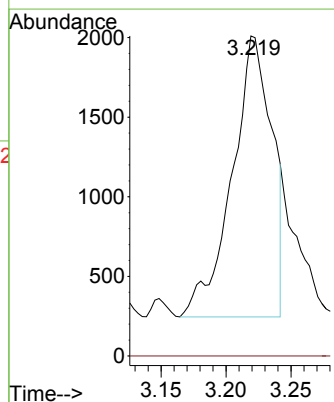
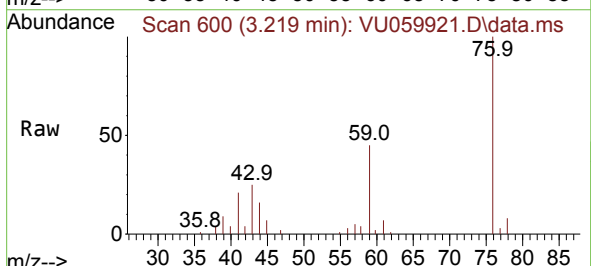


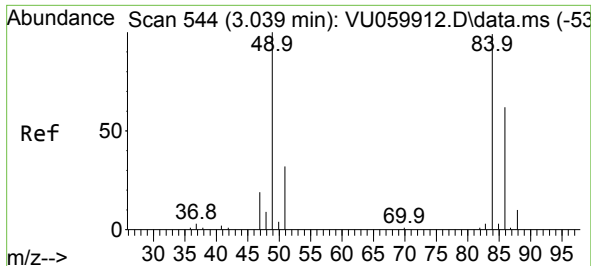
Tgt Ion: 76 Resp: 9191
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9



#15
Methyl Acetate
Concen: 0.884 ug/L
RT: 3.219 min Scan# 600
Delta R.T. 0.264 min
Lab File: VU059921.D
Acq: 12 Jul 2024 15:03

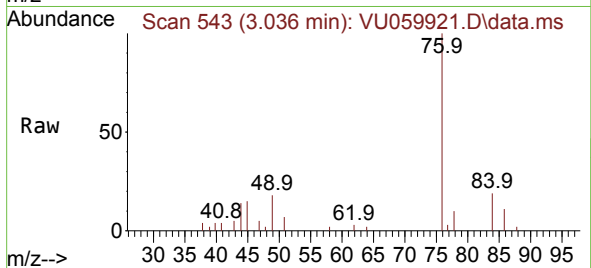
Tgt Ion: 43 Resp: 3784
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



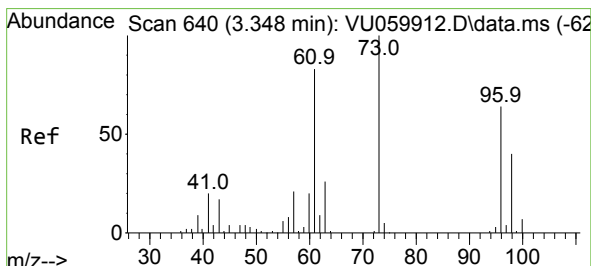
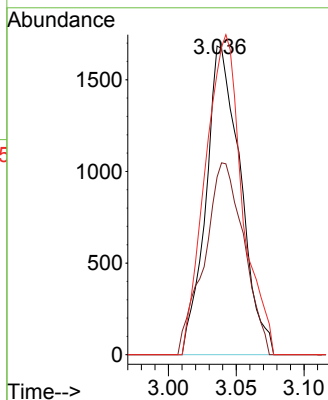
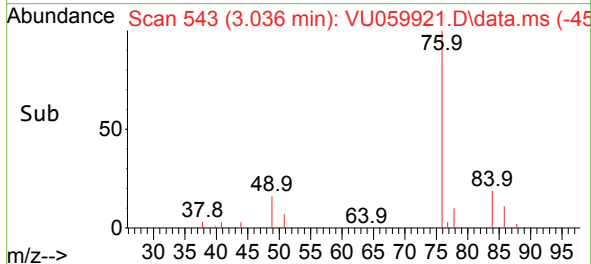


#16
Methylene chloride
Concen: 0.203 ug/L
RT: 3.036 min Scan# 54
Delta R.T. -0.003 min
Lab File: VU059921.D
Acq: 12 Jul 2024 15:03

Instrument :
MSVOA_U
ClientSampleId :

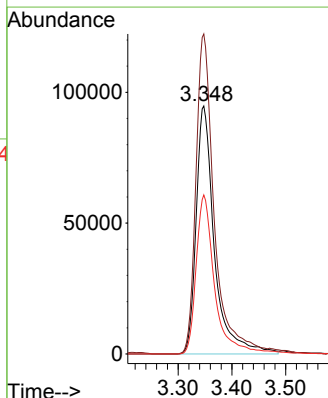
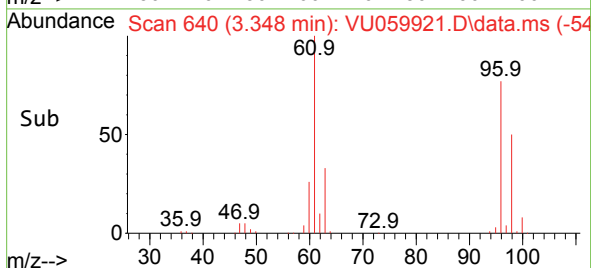
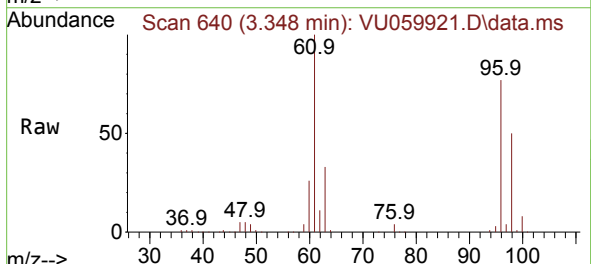


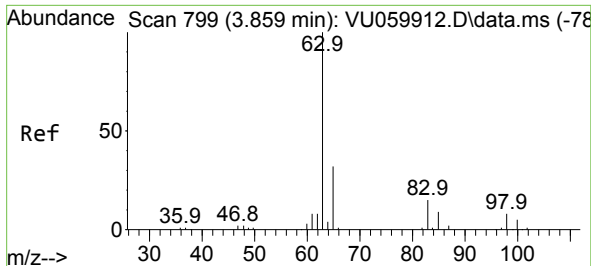
Tgt Ion: 84 Resp: 2983
Ion Ratio Lower Upper
84 100
86 57.5 42.1 78.1
49 91.2 80.6 149.8



#18
trans-1,2-Dichloroethene
Concen: 17.402 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU059921.D
Acq: 12 Jul 2024 15:03

Tgt Ion: 96 Resp: 224192
Ion Ratio Lower Upper
96 100
61 129.0 101.8 189.0
98 64.1 43.3 80.5





#19

1,1-Dichloroethane

Concen: 11.186 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.000 min

Lab File: VU059921.D

Acq: 12 Jul 2024 15:03

Instrument :

MSVOA_U

ClientSampleId :

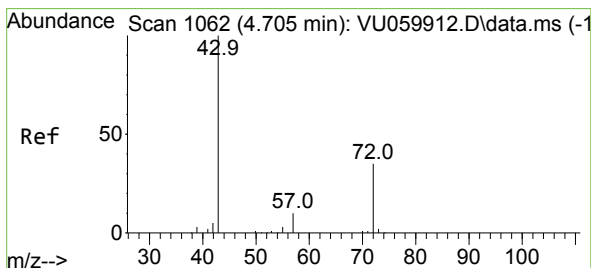
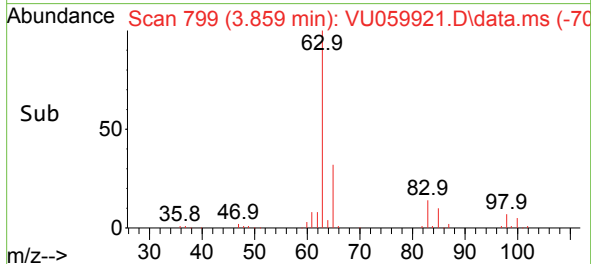
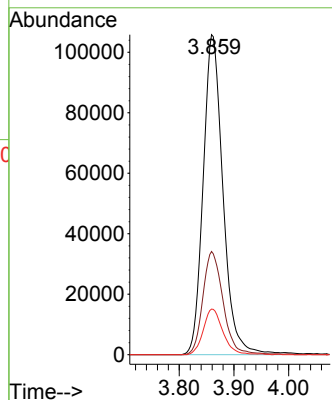
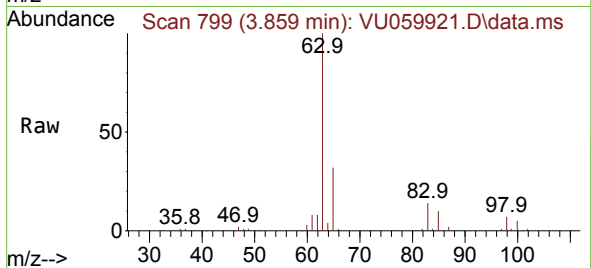
Tgt Ion: 63 Resp: 265753

Ion Ratio Lower Upper

63 100

65 32.2 21.8 40.6

83 14.3 9.9 18.5



#21

2-Butanone

Concen: 19.763 ug/L

RT: 4.711 min Scan# 1064

Delta R.T. 0.006 min

Lab File: VU059921.D

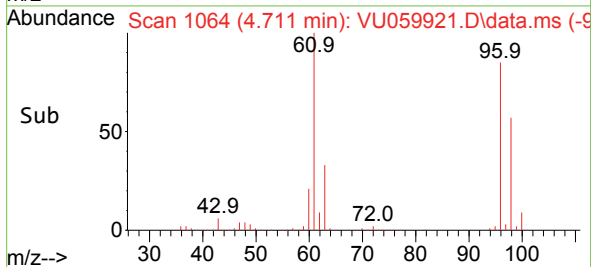
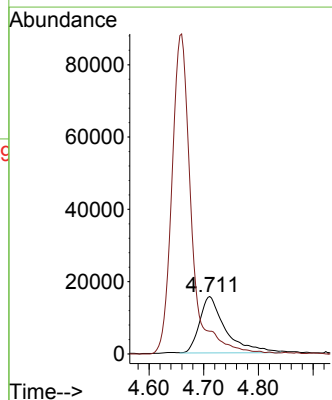
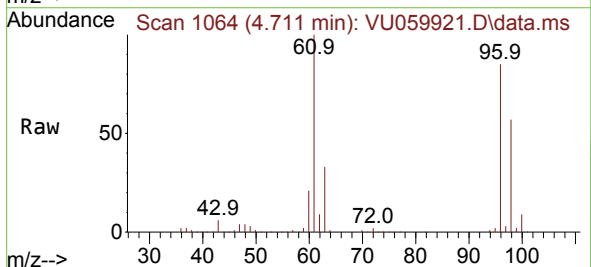
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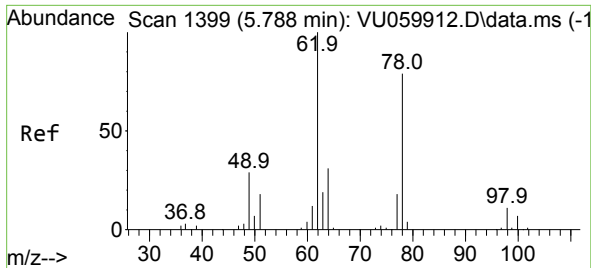
Tgt Ion: 43 Resp: 51442

Ion Ratio Lower Upper

43 100

72 421.5 13.8 41.4#

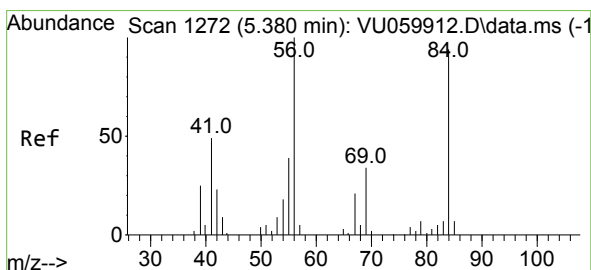
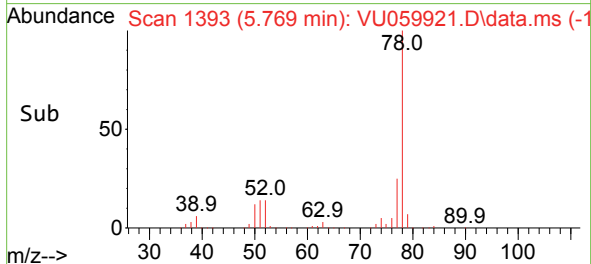
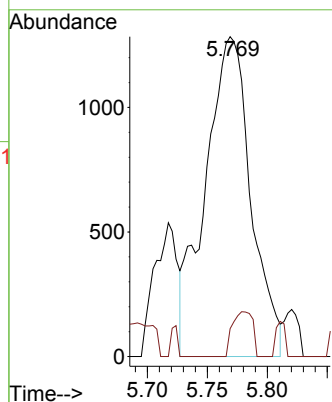
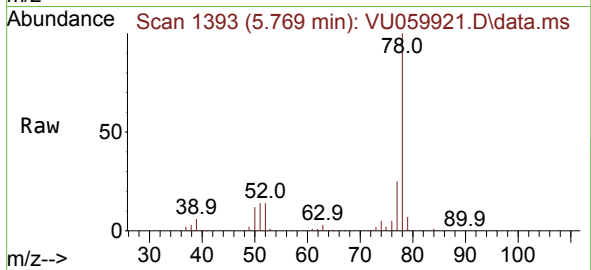




#27
1,2-Dichloroethane
Concen: 0.225 ug/L
RT: 5.769 min Scan# 11
Delta R.T. -0.019 min
Lab File: VU059921.D
Acq: 12 Jul 2024 15:03

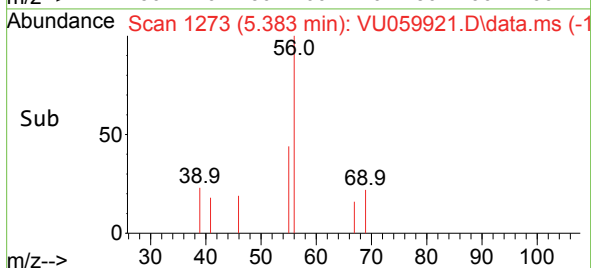
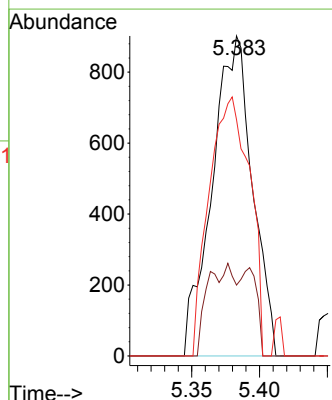
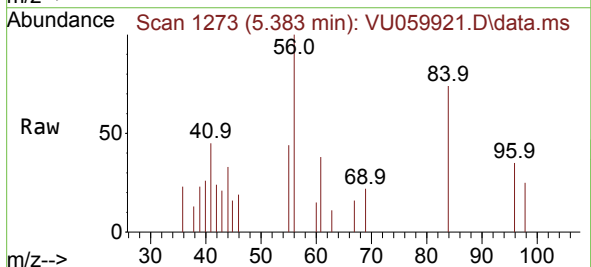
Instrument :
MSVOA_U
ClientSampleId :

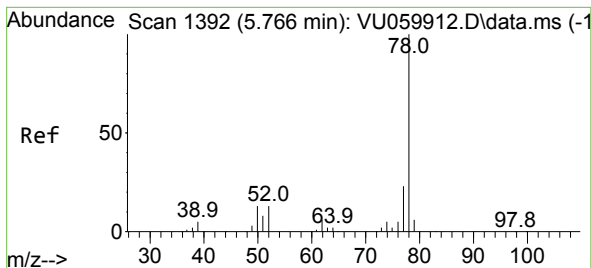
Tgt Ion: 62 Resp: 3407
Ion Ratio Lower Upper
62 100
98 8.7 7.5 11.3



#30
Cyclohexane
Concen: 0.100 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VU059921.D
Acq: 12 Jul 2024 15:03

Tgt Ion: 56 Resp: 1864
Ion Ratio Lower Upper
56 100
69 9.4 24.8 37.2#
84 81.6 69.8 104.8





#33

Benzene

Concen: 5.789 ug/L

RT: 5.766 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VU059921.D

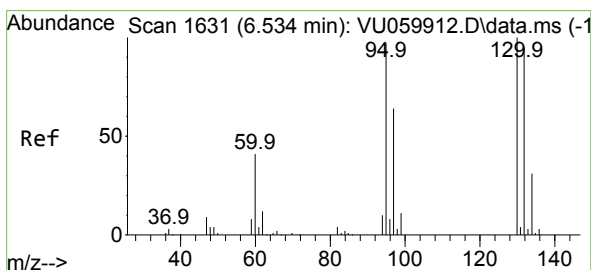
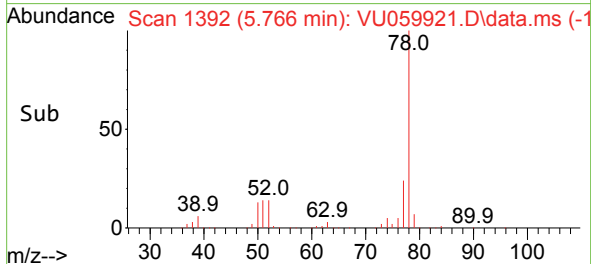
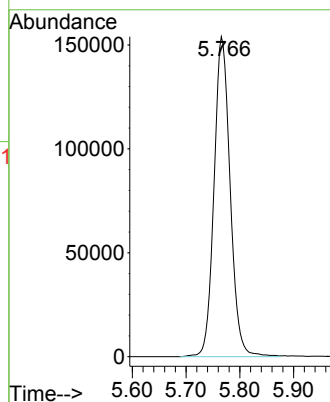
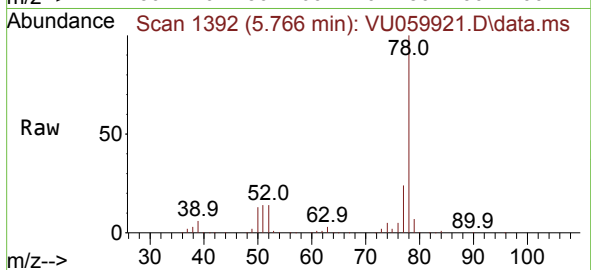
Acq: 12 Jul 2024 15:03

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 78 Resp: 320802



#34

Trichloroethene

Concen: 46.925 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. 0.000 min

Lab File: VU059921.D

Acq: 12 Jul 2024 15:03

Tgt Ion: 95 Resp: 704181

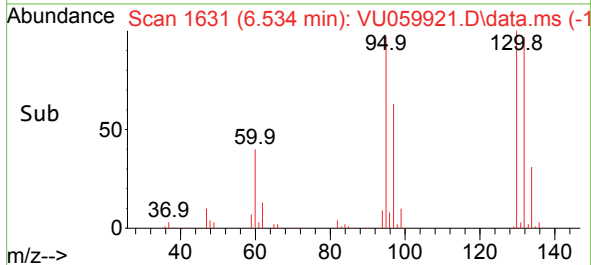
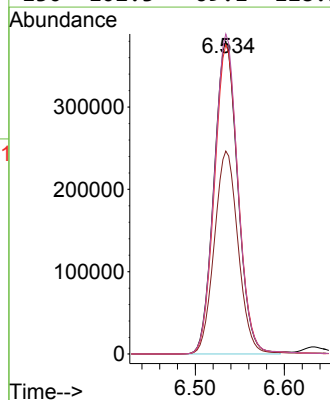
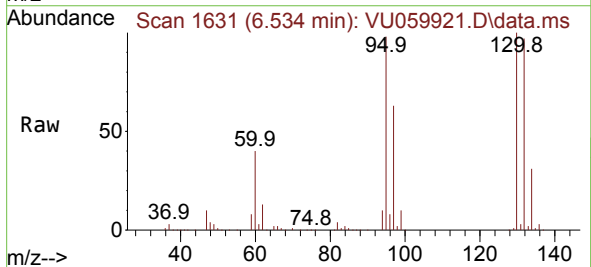
Ion Ratio Lower Upper

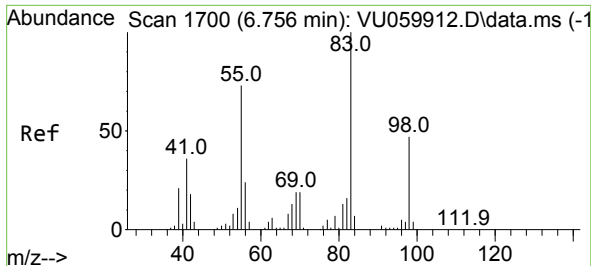
95 100

97 64.9 45.3 84.1

132 98.9 64.0 119.0

130 102.3 69.1 128.3

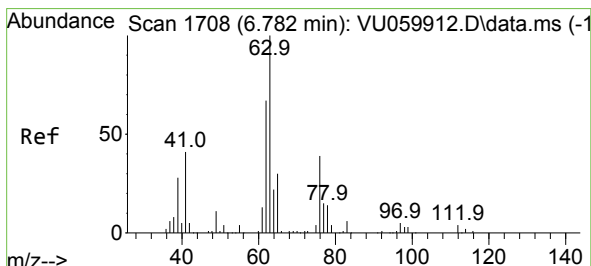
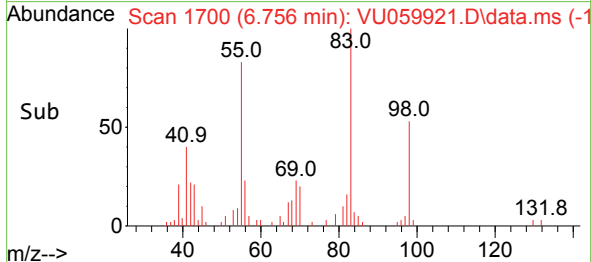
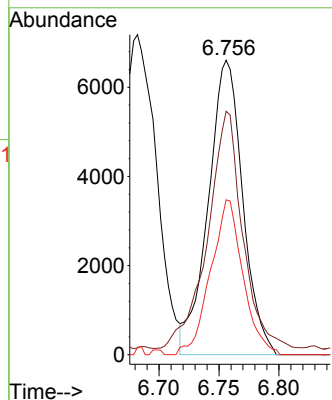
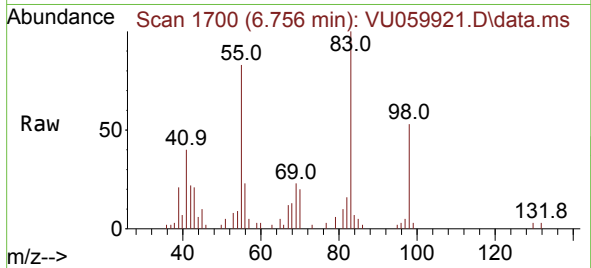




#35
Methylcyclohexane
Concen: 0.619 ug/L
RT: 6.756 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU059921.D
Acq: 12 Jul 2024 15:03

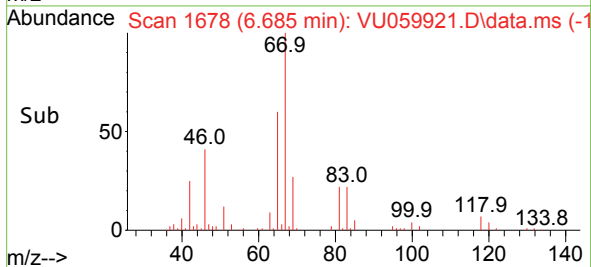
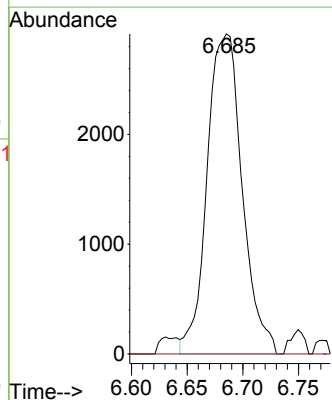
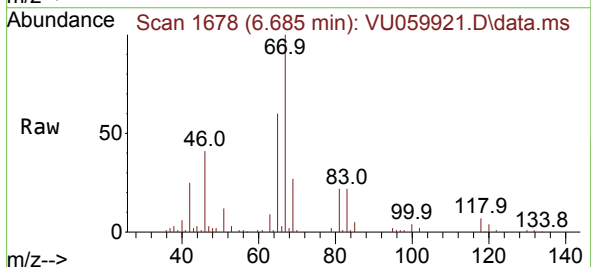
Instrument :
MSVOA_U
ClientSampleId :

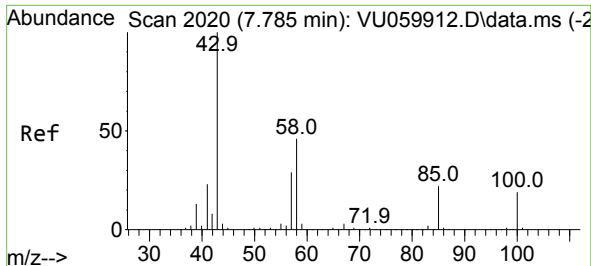
Tgt Ion: 83 Resp: 13213
Ion Ratio Lower Upper
83 100
55 81.0 62.7 94.1
98 49.2 35.4 53.0



#37
1,2-Dichloropropane
Concen: 0.445 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.096 min
Lab File: VU059921.D
Acq: 12 Jul 2024 15:03

Tgt Ion: 63 Resp: 6384
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#





#40

4-Methyl-2-pentanone

Concen: 25.706 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. 0.000 min

Lab File: VU059921.D

Acq: 12 Jul 2024 15:03

Instrument :

MSVOA_U

ClientSampleId :

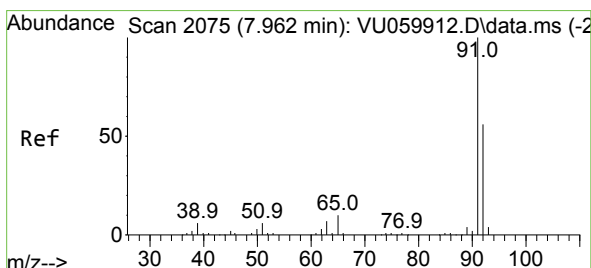
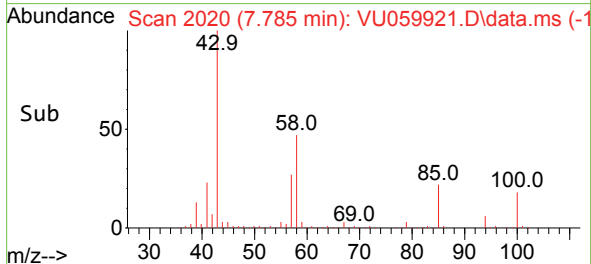
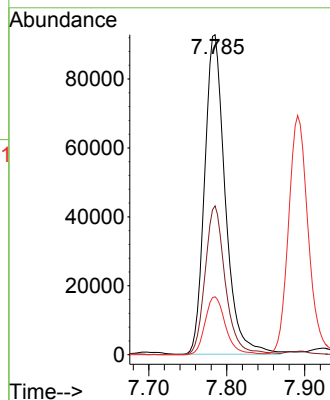
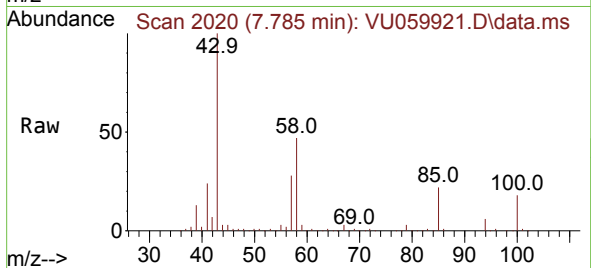
Tgt Ion: 43 Resp: 170811

Ion Ratio Lower Upper

43 100

58 45.9 34.0 51.0

100 18.0 12.1 18.1



#42

Toluene

Concen: 21.891 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU059921.D

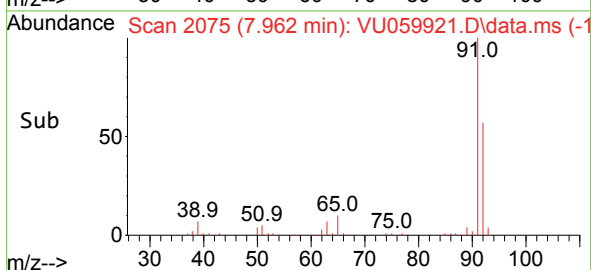
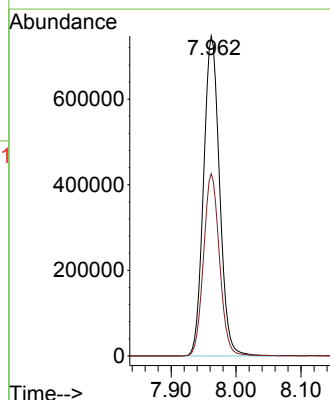
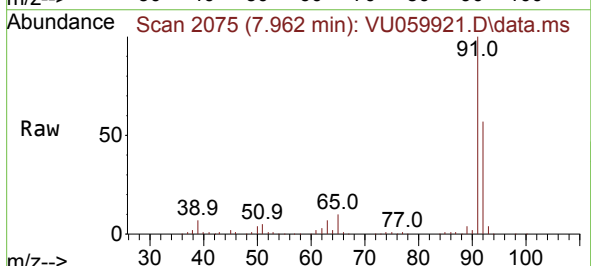
Acq: 12 Jul 2024 15:03

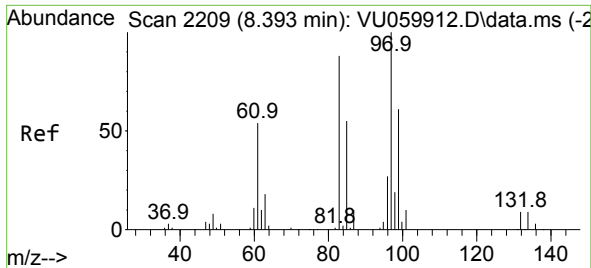
Tgt Ion: 91 Resp: 1284256

Ion Ratio Lower Upper

91 100

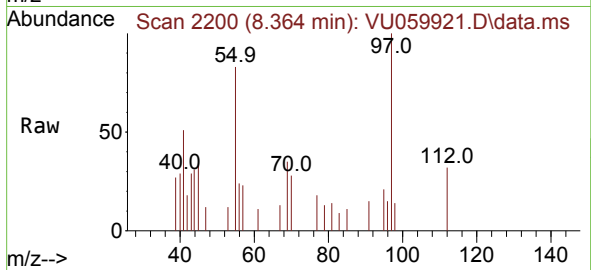
92 57.0 39.7 73.7



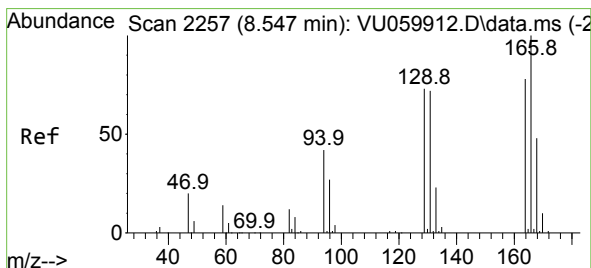
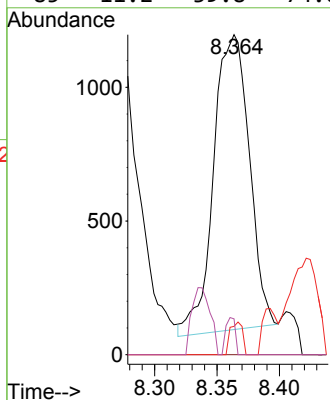
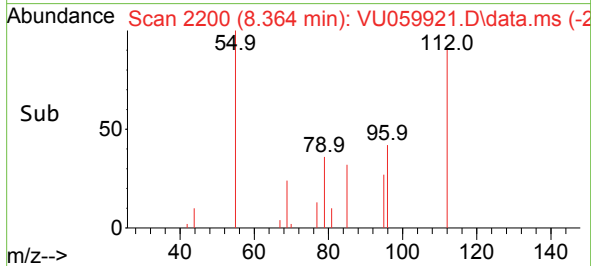


#45
1,1,2-Trichloroethane
Concen: 0.208 ug/L
RT: 8.364 min Scan# 2200
Delta R.T. -0.029 min
Lab File: VU059921.D
Acq: 12 Jul 2024 15:03

Instrument :
MSVOA_U
ClientSampleId :

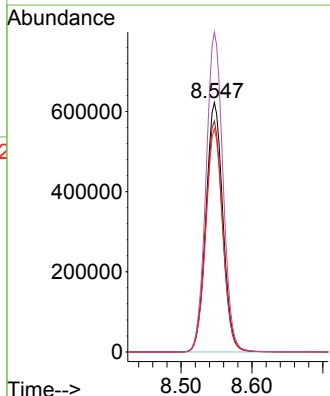
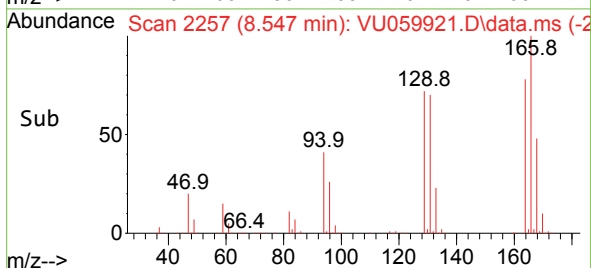
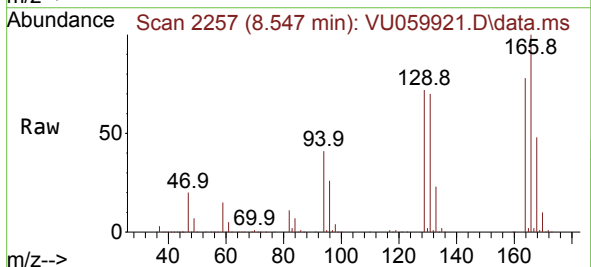


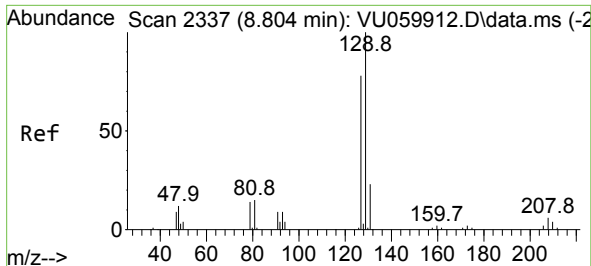
Tgt Ion: 97 Resp: 2200
Ion Ratio Lower Upper
97 100
99 0.0 43.3 80.3#
83 8.9 62.3 115.7#
85 11.2 39.8 74.0#



#47
Tetrachloroethene
Concen: 88.949 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU059921.D
Acq: 12 Jul 2024 15:03

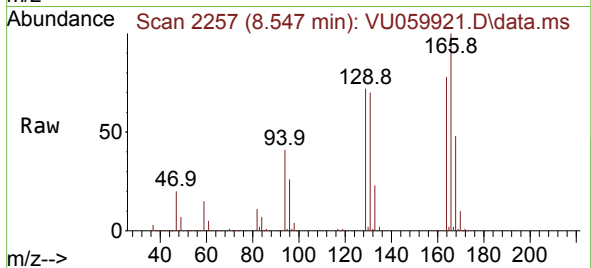
Tgt Ion: 164 Resp: 1035785
Ion Ratio Lower Upper
164 100
129 92.6 70.8 131.4
131 89.4 64.8 120.3
166 128.3 91.1 169.1



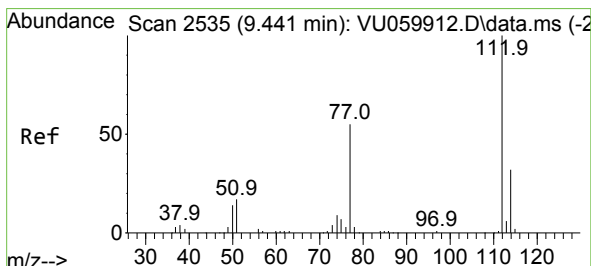
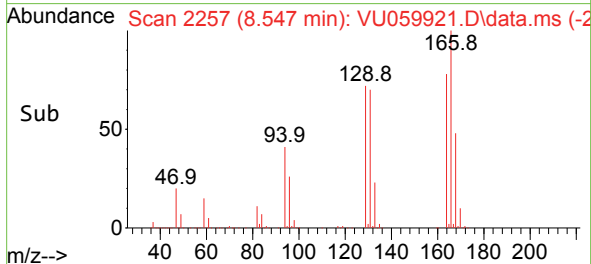
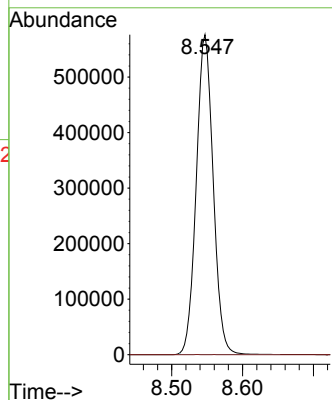


#49
Dibromochloromethane
Concen: 81.356 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU059921.D
Acq: 12 Jul 2024 15:03

Instrument :
MSVOA_U
ClientSampleId :

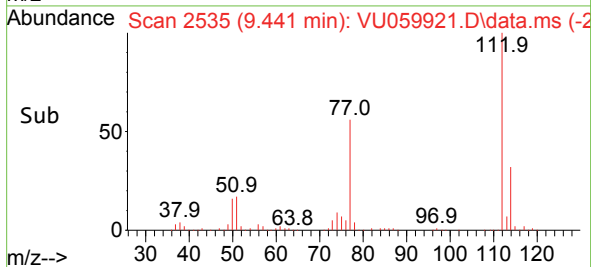
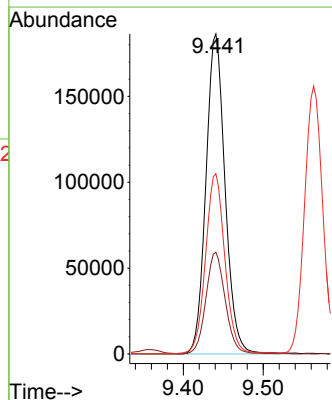
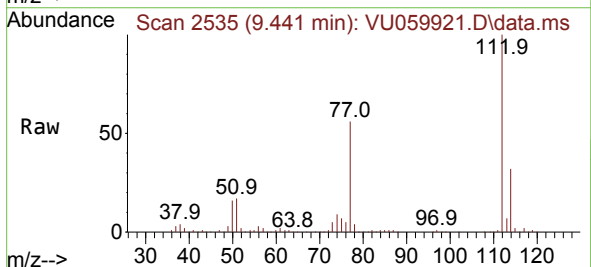


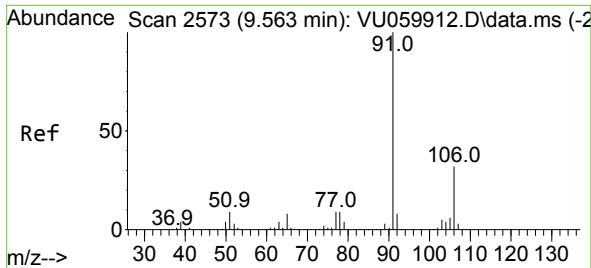
Tgt Ion:129 Resp: 952324
Ion Ratio Lower Upper
129 100
127 0.0 52.5 97.5#



#51
Chlorobenzene
Concen: 8.344 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU059921.D
Acq: 12 Jul 2024 15:03

Tgt Ion:112 Resp: 310471
Ion Ratio Lower Upper
112 100
114 31.8 22.4 41.6
77 56.4 49.1 73.7

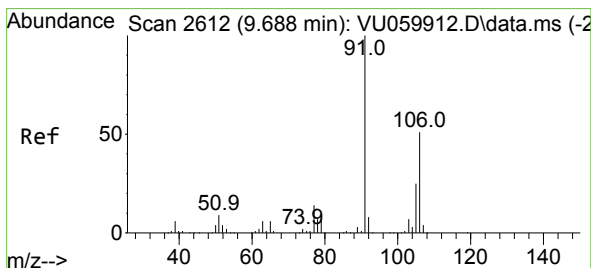
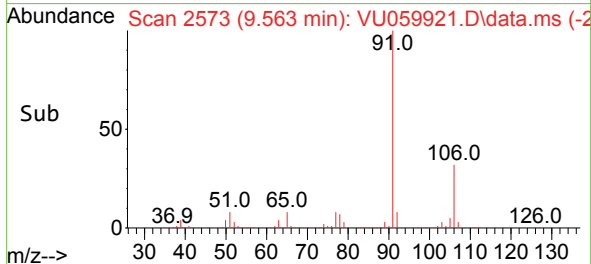
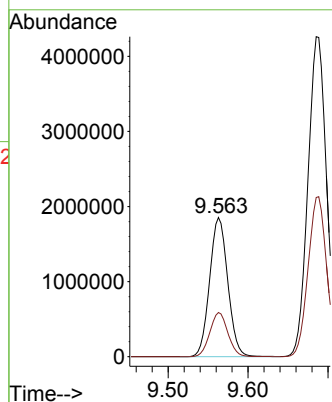
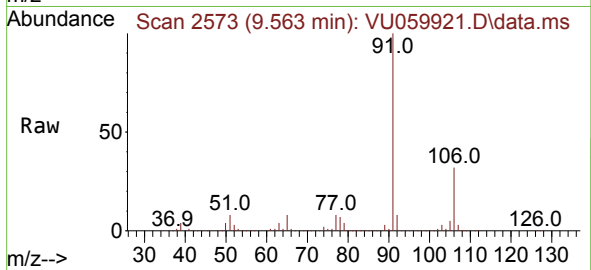




#52
Ethylbenzene
Concen: 48.651 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU059921.D
Acq: 12 Jul 2024 15:03

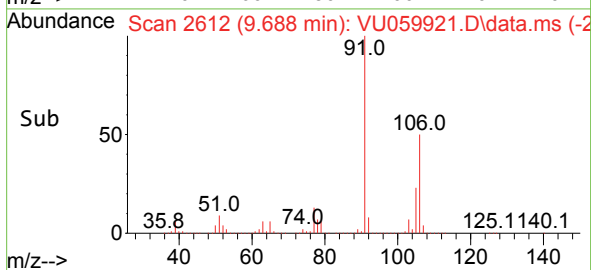
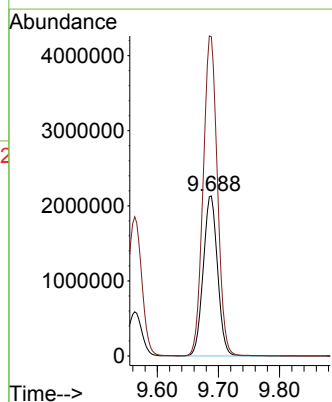
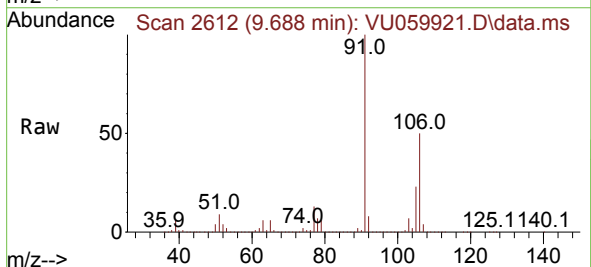
Instrument :
MSVOA_U
ClientSampleId :

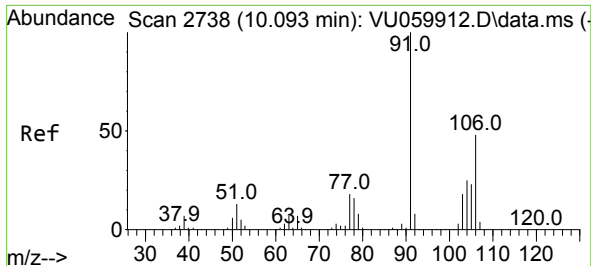
Tgt Ion: 91 Resp: 2927798
Ion Ratio Lower Upper
91 100
106 31.7 20.9 38.7



#53
m,p-Xylene
Concen: 149.804 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU059921.D
Acq: 12 Jul 2024 15:03

Tgt Ion: 106 Resp: 3462423
Ion Ratio Lower Upper
106 100
91 199.6 142.0 263.8

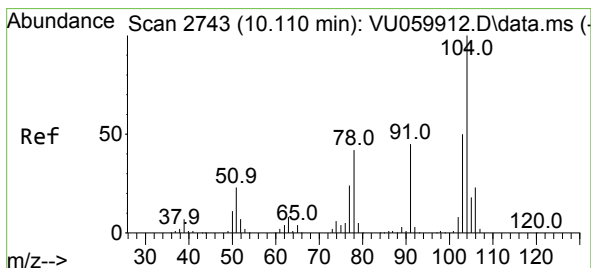
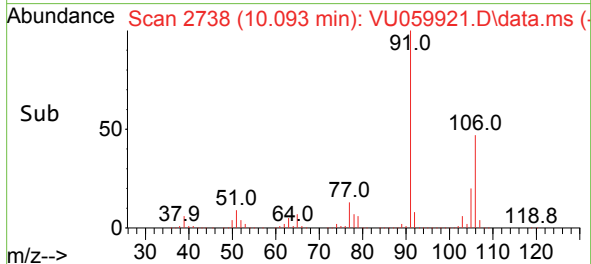
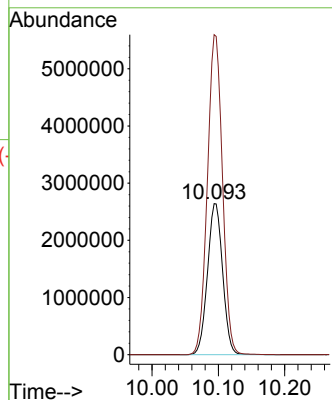
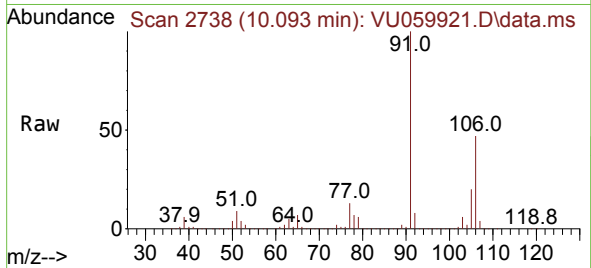




#54
o-Xylene
Concen: 190.405 ug/L
RT: 10.093 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU059921.D
Acq: 12 Jul 2024 15:03

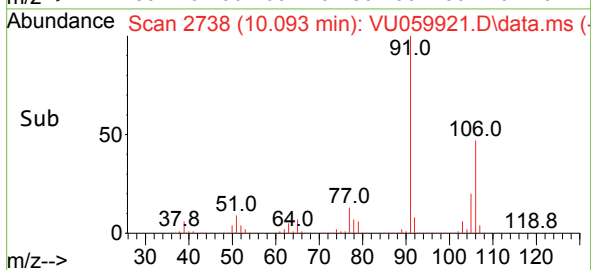
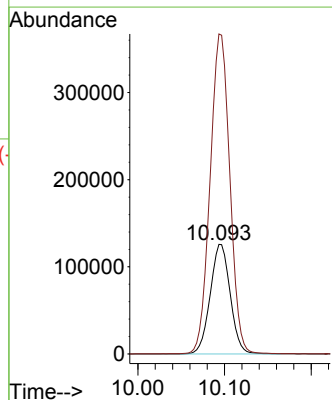
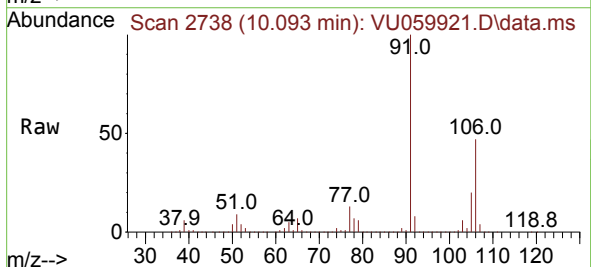
Instrument :
MSVOA_U
ClientSampleId :

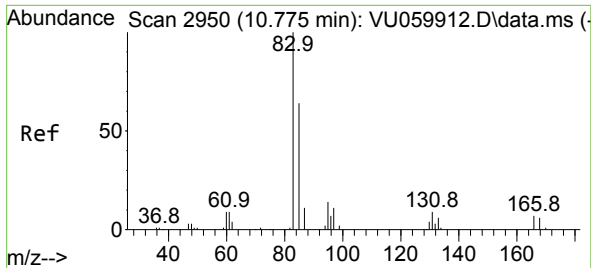
Tgt Ion:106 Resp: 4176584
Ion Ratio Lower Upper
106 100
91 211.8 151.6 281.6



#55
Styrene
Concen: 5.399 ug/L
RT: 10.093 min Scan# 2738
Delta R.T. -0.016 min
Lab File: VU059921.D
Acq: 12 Jul 2024 15:03

Tgt Ion:104 Resp: 201618
Ion Ratio Lower Upper
104 100
78 292.0 32.3 60.1#

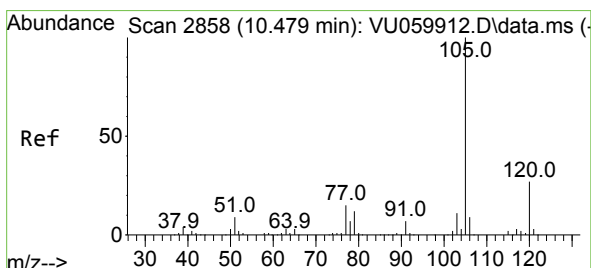
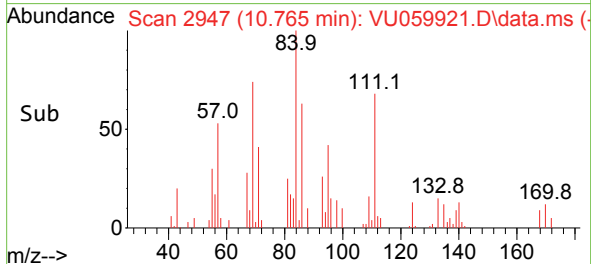
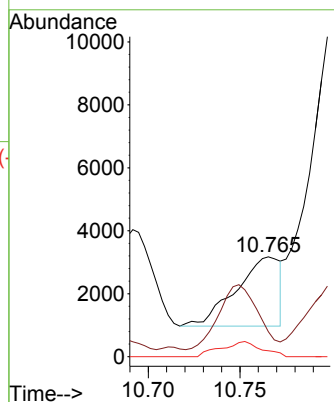
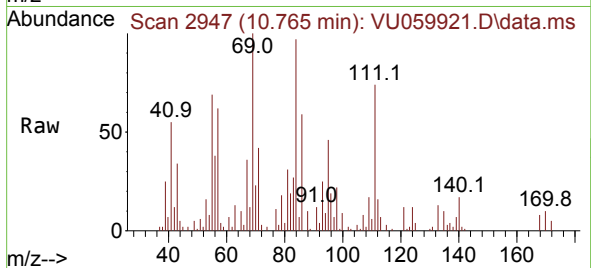




#57
1,1,2,2-Tetrachloroethane
Concen: 0.287 ug/L
RT: 10.765 min Scan# 2950
Delta R.T. -0.010 min
Lab File: VU059921.D
Acq: 12 Jul 2024 15:03

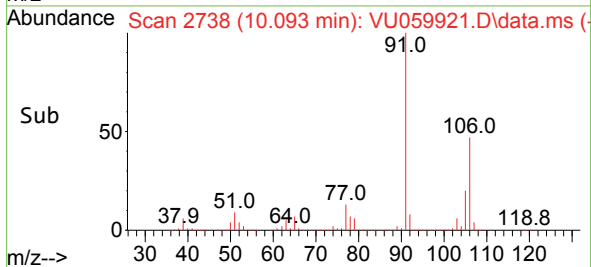
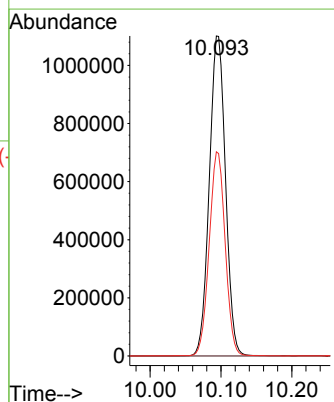
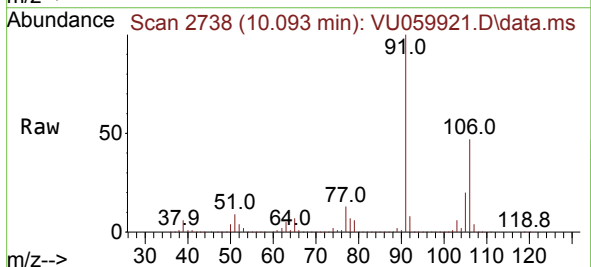
Instrument :
MSVOA_U
ClientSampleId :

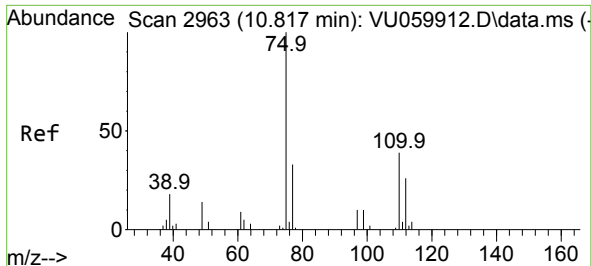
Tgt Ion: 83 Resp: 3679
Ion Ratio Lower Upper
83 100
85 25.0 44.7 82.9#
131 5.9 6.9 10.3#



#60
Isopropylbenzene
Concen: 25.352 ug/L
RT: 10.093 min Scan# 2738
Delta R.T. -0.386 min
Lab File: VU059921.D
Acq: 12 Jul 2024 15:03

Tgt Ion:105 Resp: 1747200
Ion Ratio Lower Upper
105 100
120 0.0 20.6 31.0#
77 63.0 12.8 19.2#

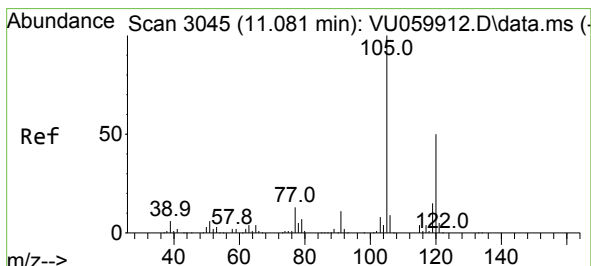
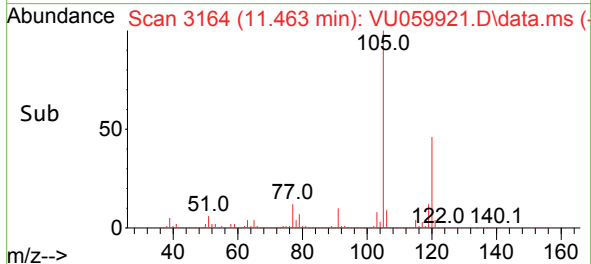
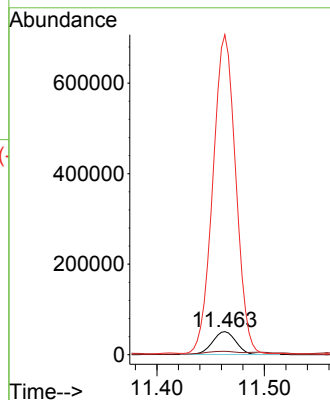
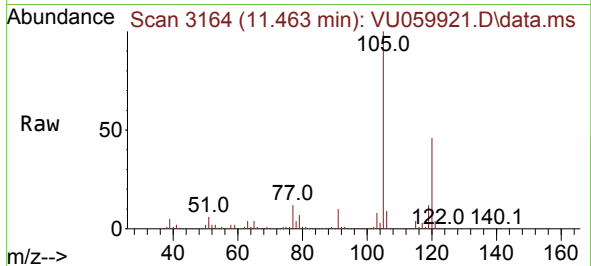




#61
 1,2,3-Trichloropropane
 Concen: 7.447 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. 0.646 min
 Lab File: VU059921.D
 Acq: 12 Jul 2024 15:03

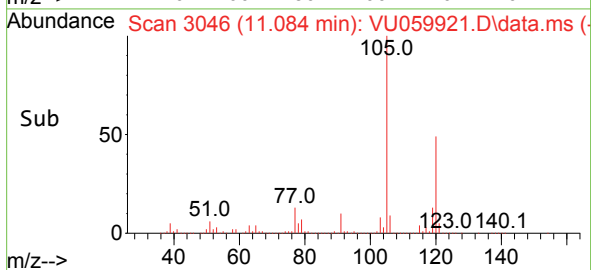
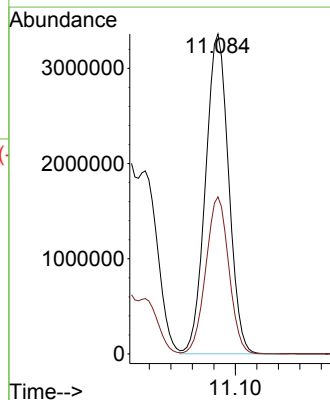
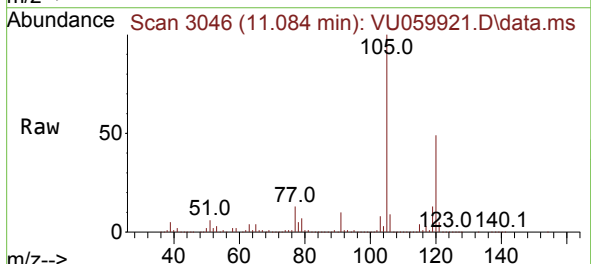
Instrument :
 MSVOA_U
 ClientSampleId :

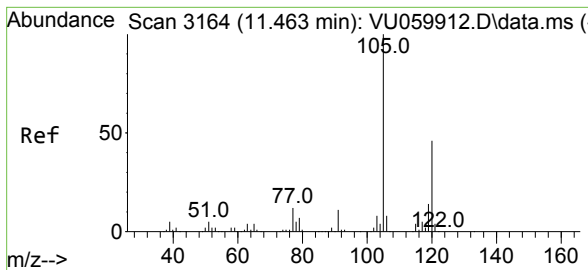
Tgt Ion: 75 Resp: 76774
 Ion Ratio Lower Upper
 75 100
 110 18.1 27.1 40.7#
 77 1360.6 25.4 38.2#



#62
 1,3,5-Trimethylbenzene
 Concen: 91.623 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. 0.003 min
 Lab File: VU059921.D
 Acq: 12 Jul 2024 15:03

Tgt Ion: 105 Resp: 5002590
 Ion Ratio Lower Upper
 105 100
 120 49.0 38.2 57.4

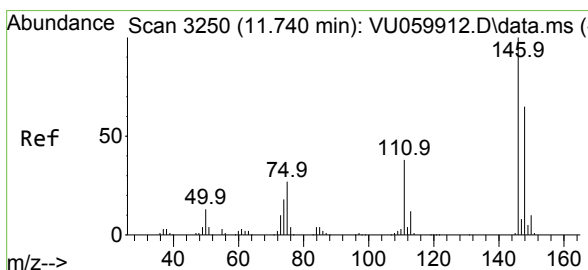
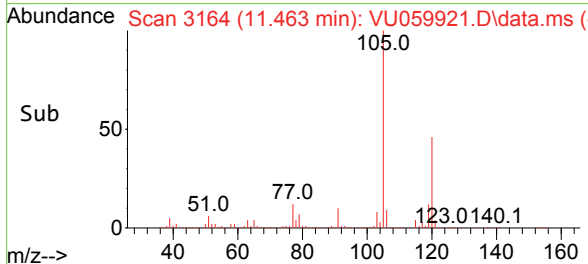
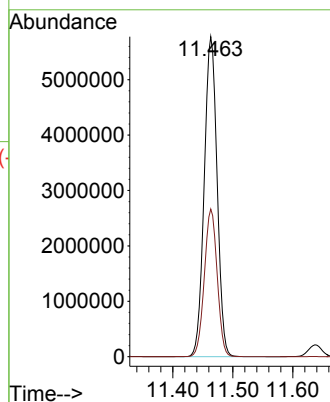
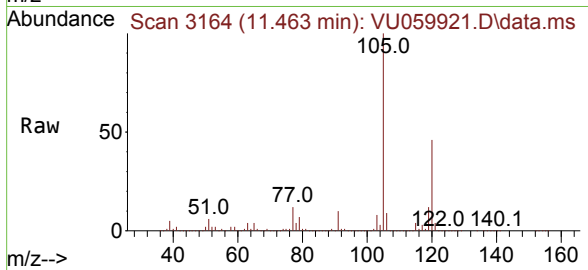




#63
 1,2,4-Trimethylbenzene
 Concen: 165.494 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. 0.000 min
 Lab File: VU059921.D
 Acq: 12 Jul 2024 15:03

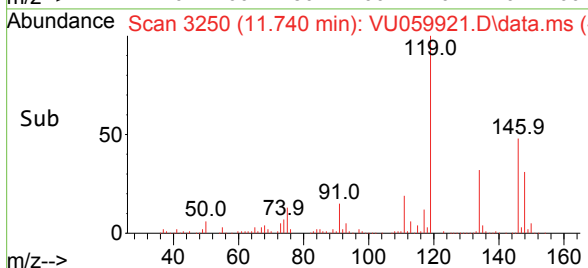
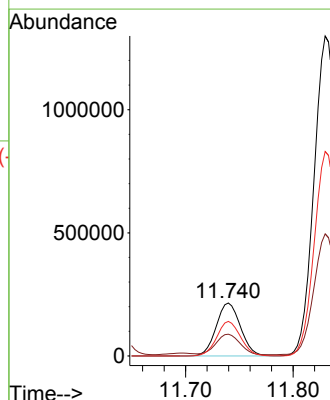
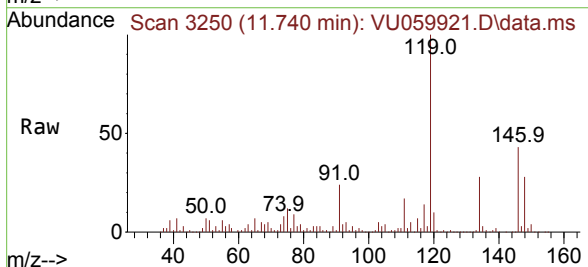
Instrument :
 MSVOA_U
 ClientSampleId :

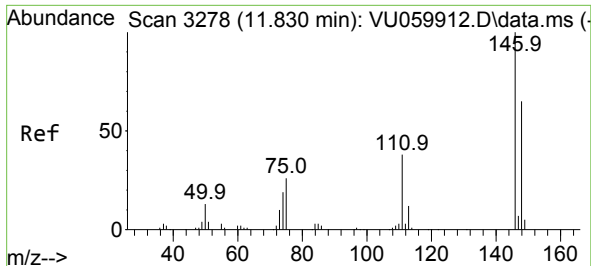
Tgt Ion:105 Resp: 8638847
 Ion Ratio Lower Upper
 105 100
 120 46.0 35.4 53.0



#64
 1,3-Dichlorobenzene
 Concen: 9.633 ug/L
 RT: 11.740 min Scan# 3250
 Delta R.T. 0.000 min
 Lab File: VU059921.D
 Acq: 12 Jul 2024 15:03

Tgt Ion:146 Resp: 337682
 Ion Ratio Lower Upper
 146 100
 111 41.0 27.4 51.0
 148 65.1 45.0 83.6

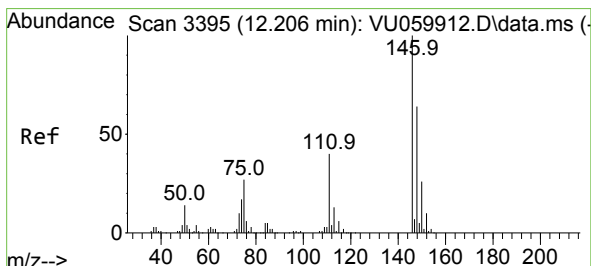
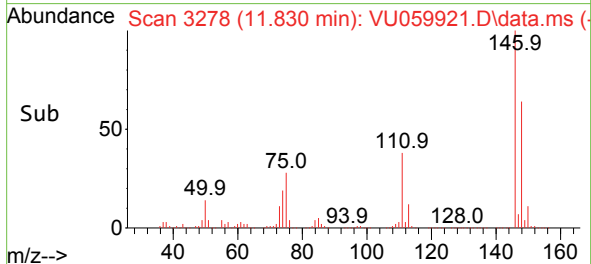
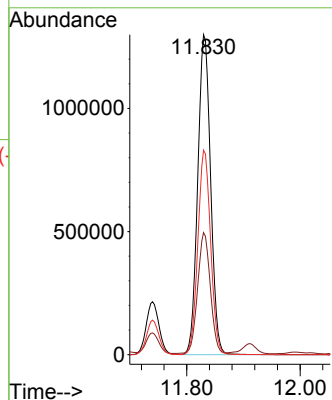
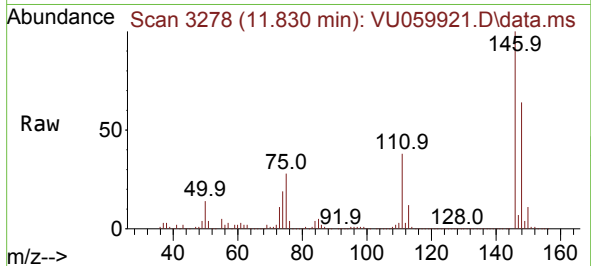




#65
1,4-Dichlorobenzene
Concen: 56.665 ug/L
RT: 11.830 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU059921.D
Acq: 12 Jul 2024 15:03

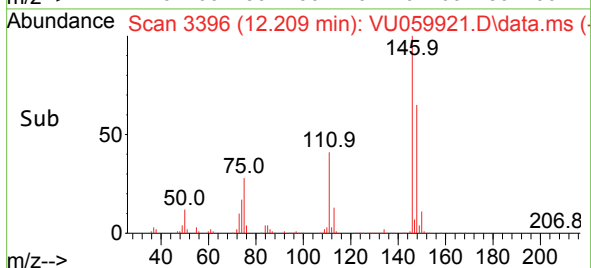
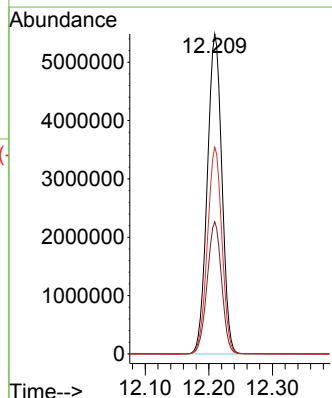
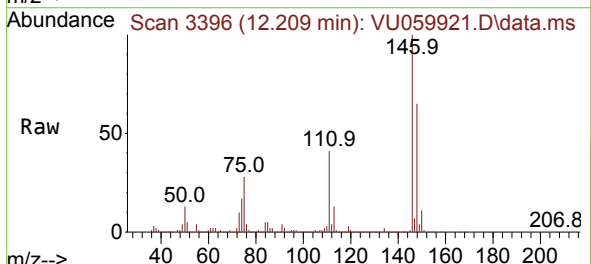
Instrument :
MSVOA_U
ClientSampleId :

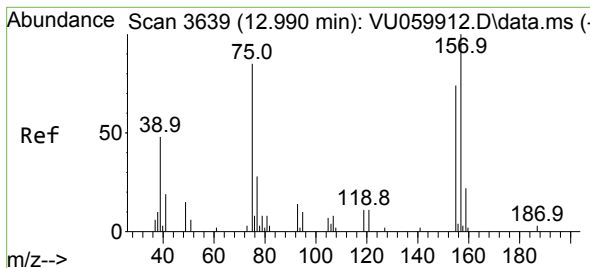
Tgt Ion:146 Resp: 2044519
Ion Ratio Lower Upper
146 100
111 38.2 26.9 50.1
148 63.9 45.3 84.1



#67
1,2-Dichlorobenzene
Concen: 264.302 ug/L
RT: 12.209 min Scan# 3396
Delta R.T. 0.003 min
Lab File: VU059921.D
Acq: 12 Jul 2024 15:03

Tgt Ion:146 Resp: 8718514
Ion Ratio Lower Upper
146 100
111 41.3 33.4 50.0
148 64.6 49.7 74.5

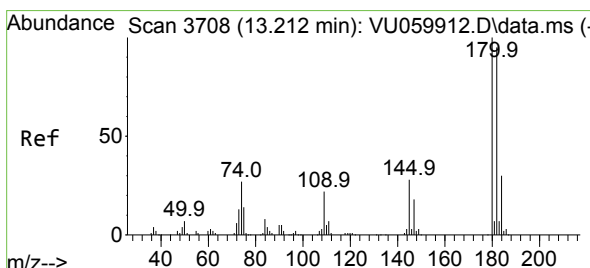
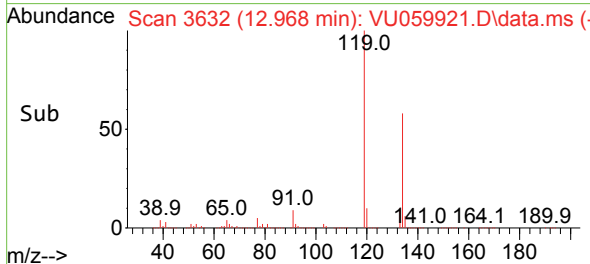
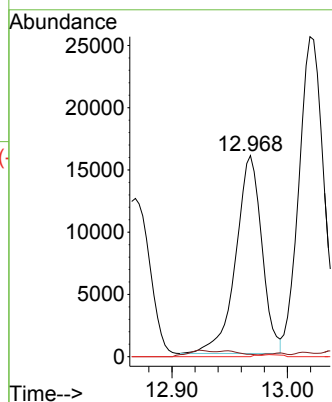
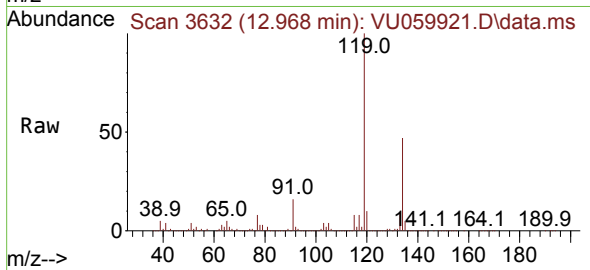




#68
 1,2-Dibromo-3-chloropropane
 Concen: 12.398 ug/L
 RT: 12.968 min Scan# 30
 Delta R.T. -0.022 min
 Lab File: VU059921.D
 Acq: 12 Jul 2024 15:03

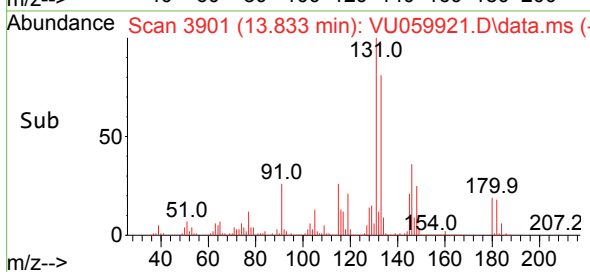
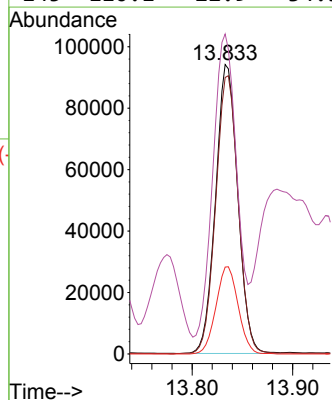
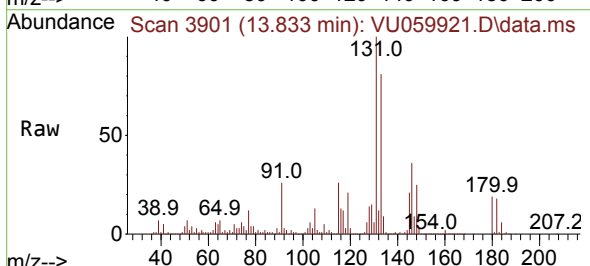
Instrument :
 MSVOA_U
 ClientSampleId :

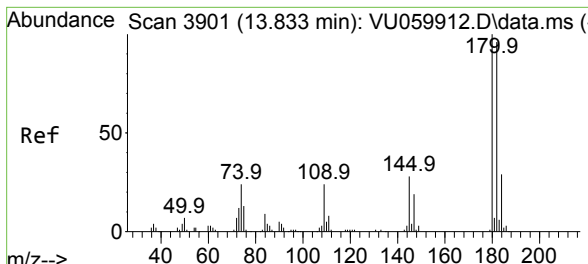
Tgt Ion: 75 Resp: 24933
 Ion Ratio Lower Upper
 75 100
 155 1.2 58.2 87.2#
 157 0.0 80.0 120.0#



#69
 1,3,5-Trichlorobenzene
 Concen: 5.576 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. 0.621 min
 Lab File: VU059921.D
 Acq: 12 Jul 2024 15:03

Tgt Ion:180 Resp: 144687
 Ion Ratio Lower Upper
 180 100
 182 97.4 75.4 113.0
 184 30.1 23.0 34.6
 145 110.1 22.9 34.3#

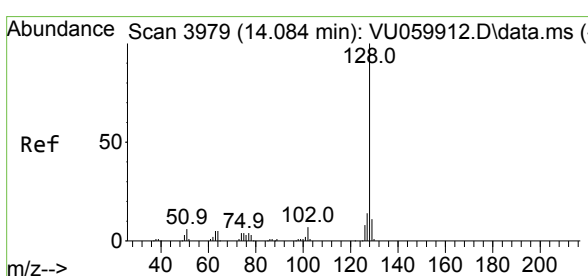
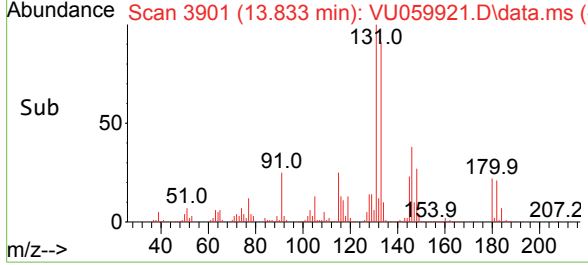
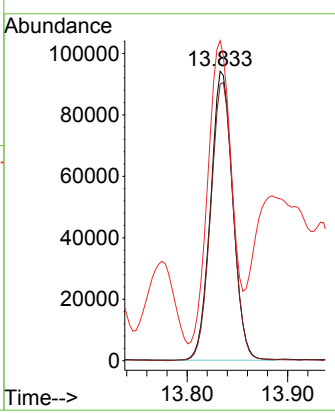
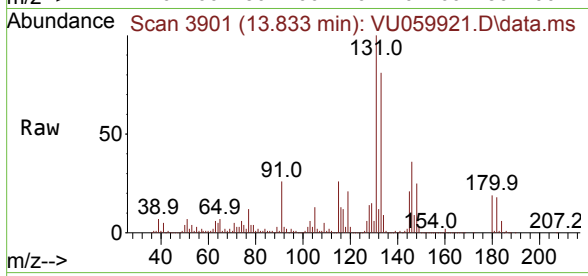




#70
 1,2,4-trichlorobenzene
 Concen: 7.269 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. 0.000 min
 Lab File: VU059921.D
 Acq: 12 Jul 2024 15:03

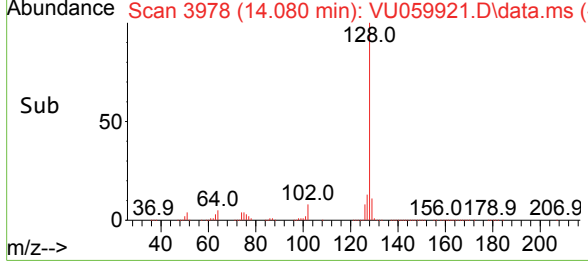
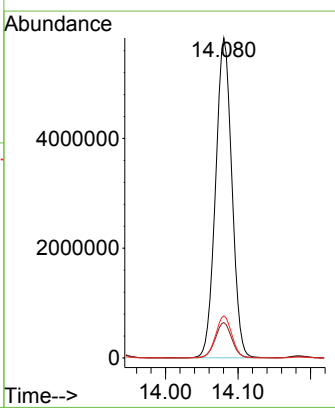
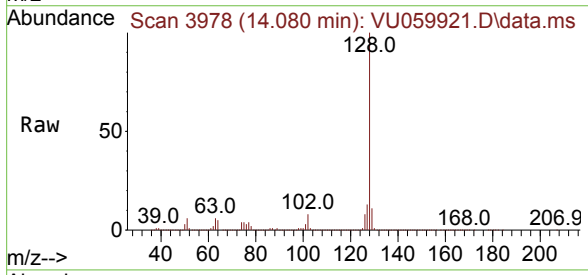
Instrument :
 MSVOA_U
 ClientSampleId :

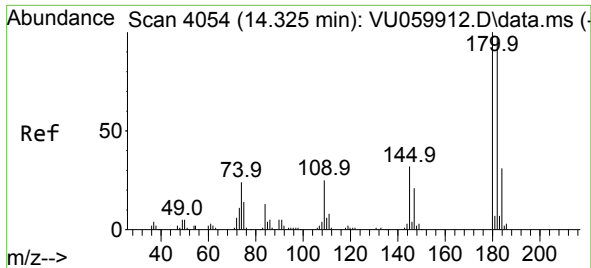
Tgt Ion:	180	Resp:	144687
Ion Ratio	Lower	Upper	
180	100		
182	97.4	74.9	112.3
145	110.1	23.9	35.9#



#71
 Naphthalene
 Concen: 319.684 ug/L
 RT: 14.080 min Scan# 3978
 Delta R.T. -0.003 min
 Lab File: VU059921.D
 Acq: 12 Jul 2024 15:03

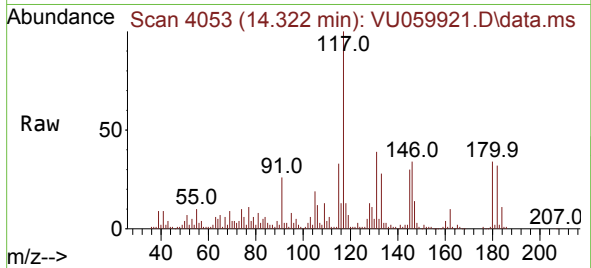
Tgt Ion:	128	Resp:	9107602
Ion Ratio	Lower	Upper	
128	100		
129	11.4	8.2	12.4
127	13.2	10.2	15.4





#72
 1,2,3-Trichlorobenzene
 Concen: 2.266 ug/L
 RT: 14.322 min Scan# 4053
 Delta R.T. -0.003 min
 Lab File: VU059921.D
 Acq: 12 Jul 2024 15:03

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 41888
 Ion Ratio Lower Upper
 180 100
 182 92.8 77.0 115.6
 145 337.5 26.2 39.4#

