

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U071224\
 Data File : VU059934.D
 Acq On : 12 Jul 2024 20:09
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 13 04:01:24 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	206949	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	203995	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	110148	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	62046	4.312	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.907	69	52498	3.792	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.800%
11) 1,1-Dichloroethene-d2	2.560	65	25818	4.325	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.400%
20) 2-Butanone-d5	4.628	46	146845	49.540	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.080%
24) Chloroform-d	5.055	84	120074	4.065	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
26) 1,2-Dichloroethane-d4	5.695	65	57615	4.049	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
32) Benzene-d6	5.717	84	238919	4.256	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	6.682	67	72920	4.239	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.800%
41) Toluene-d8	7.891	98	230919	4.424	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	8.174	79	26549	4.928	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.600%
46) 2-Hexanone-d5	8.627	63	126230	56.395	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.800%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	61212	4.306	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	86758	4.425	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	70221	4.005	ug/L	98
3) Chloromethane	1.515	50	79639	4.220	ug/L	100
5) Vinyl chloride	1.599	62	88963	4.267	ug/L	98
6) Bromomethane	1.853	94	47341	3.266	ug/L	99
8) Chloroethane	1.930	64	56203	4.474	ug/L	99
9) Trichlorofluoromethane	2.132	101	118988	4.741	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	75421	4.747	ug/L	90
12) 1,1-Dichloroethene	2.573	96	71088	4.843	ug/L	84
13) Acetone	2.640	43	101994	53.044	ug/L	97
14) Carbon disulfide	2.788	76	201017	4.105	ug/L	99
15) Methyl Acetate	2.952	43	28996	5.714	ug/L	93
16) Methylene chloride	3.039	84	81721	4.699	ug/L	91
17) Methyl tert-butyl Ether	3.357	73	184216	5.824	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	76231	4.994	ug/L	91
19) 1,1-Dichloroethane	3.859	63	136796	4.860	ug/L	99
21) 2-Butanone	4.705	43	185896	60.275	ug/L	94
22) cis-1,2-Dichloroethene	4.656	96	90089	5.354	ug/L	94
23) Bromochloromethane	4.965	128	41027	5.349	ug/L	84
25) Chloroform	5.078	83	147373	4.971	ug/L	99

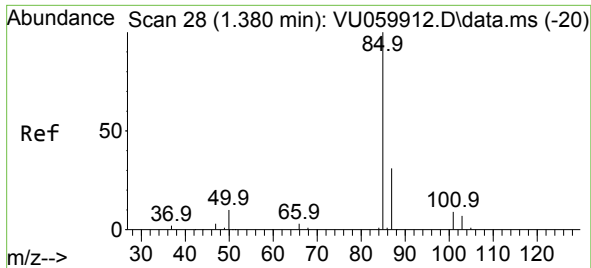
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
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Quant Time: Jul 13 04:01:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 13 03:52:33 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	88746	4.940	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	120017	5.095	ug/L	97
30) Cyclohexane	5.380	56	105887	5.091	ug/L	93
31) Carbon tetrachloride	5.518	117	102674	5.206	ug/L	98
33) Benzene	5.766	78	321528	5.190	ug/L	100
34) Trichloroethene	6.534	95	86422	5.151	ug/L	96
35) Methylcyclohexane	6.756	83	120535	5.049	ug/L	93
37) 1,2-Dichloropropane	6.782	63	84067	5.244	ug/L #	97
38) Bromodichloromethane	7.097	83	104081	5.201	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	115572	5.272	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	467214	62.895	ug/L #	96
42) Toluene	7.962	91	353522	5.390	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	95441	5.424	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	66711	5.647	ug/L	99
47) Tetrachloroethene	8.547	164	71929	5.525	ug/L	93
48) 2-Hexanone	8.679	43	335809	63.342	ug/L #	95
49) Dibromochloromethane	8.804	129	73524	5.618	ug/L	98
50) 1,2-Dibromoethane	8.917	107	61997	5.683	ug/L	95
51) Chlorobenzene	9.441	112	237064	5.699	ug/L	94
52) Ethylbenzene	9.563	91	366988	5.455	ug/L	96
53) m,p-Xylene	9.688	106	145687	5.638	ug/L	95
54) o-Xylene	10.094	106	138260	5.638	ug/L	97
55) Styrene	10.110	104	234193	5.610	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.775	83	79192	5.526	ug/L	99
59) Bromoform	10.283	173	47216	5.601	ug/L #	97
60) Isopropylbenzene	10.476	105	367157	5.396	ug/L	97
61) 1,2,3-Trichloropropane	10.817	75	54440	5.348	ug/L	96
62) 1,3,5-Trimethylbenzene	11.081	105	296506	5.501	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	295538	5.735	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	187535	5.419	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	191814	5.385	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	180120	5.531	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	11420	5.752	ug/L #	75
69) 1,3,5-Trichlorobenzene	13.212	180	142564	5.565	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	118414	6.026	ug/L	99
71) Naphthalene	14.080	128	174574	6.207	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	106704	5.848	ug/L	99

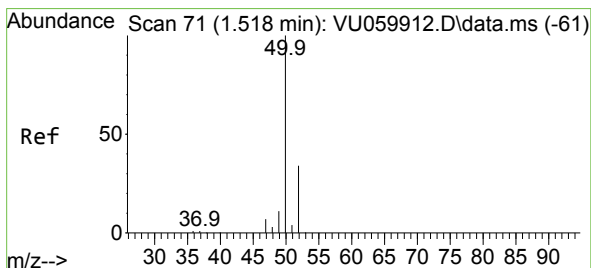
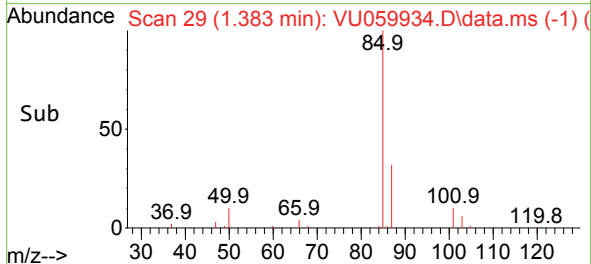
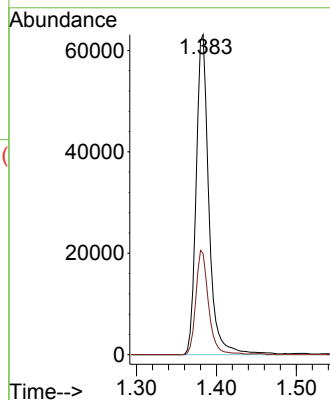
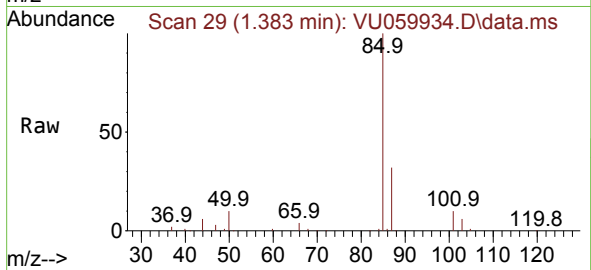
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#2
Dichlorodifluoromethane
Concen: 4.005 ug/L
RT: 1.383 min Scan# 28
Delta R.T. 0.003 min
Lab File: VU059934.D
Acq: 12 Jul 2024 20:09

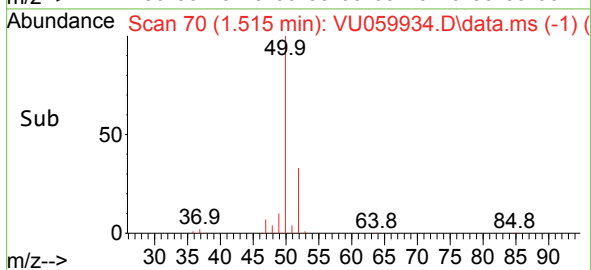
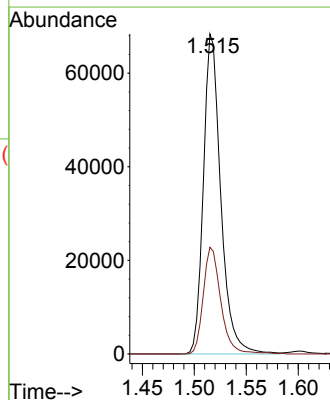
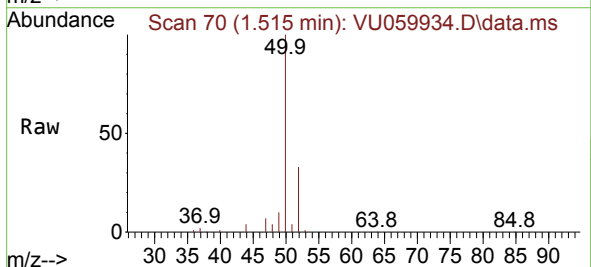
Instrument :
MSVOA_U
ClientSampleId :

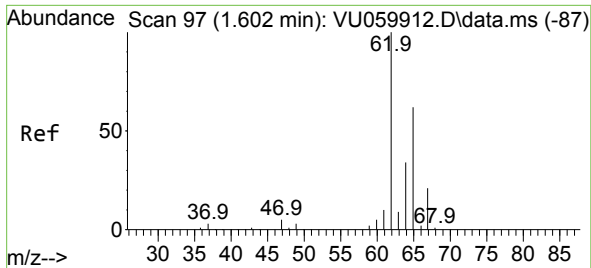
Tgt Ion: 85 Resp: 70221
Ion Ratio Lower Upper
85 100
87 32.4 26.6 40.0



#3
Chloromethane
Concen: 4.220 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU059934.D
Acq: 12 Jul 2024 20:09

Tgt Ion: 50 Resp: 79639
Ion Ratio Lower Upper
50 100
52 33.3 23.2 43.0

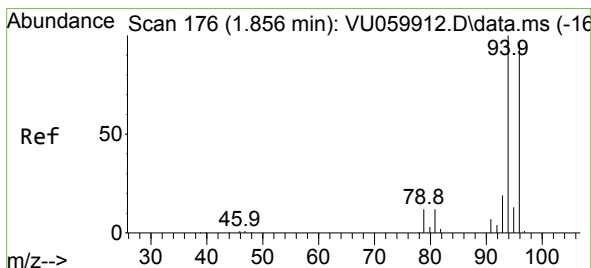
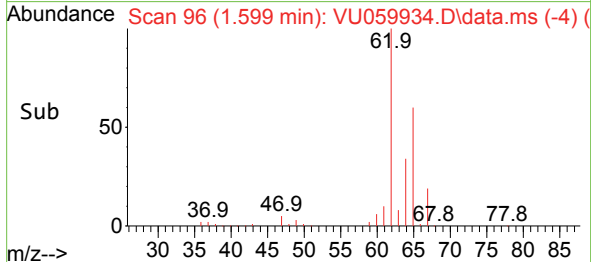
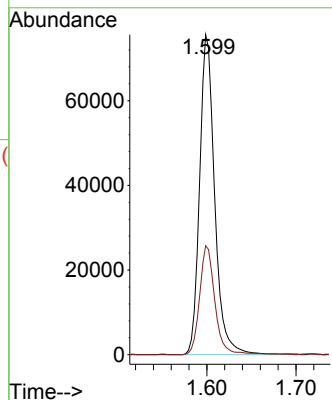
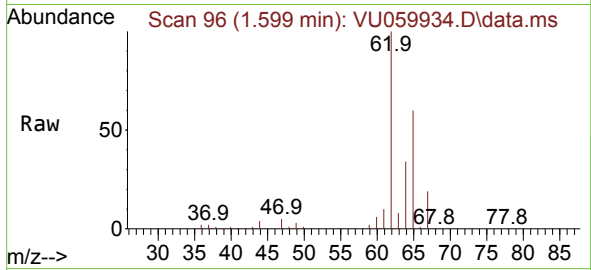




#5
 Vinyl chloride
 Concen: 4.267 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU059934.D
 Acq: 12 Jul 2024 20:09

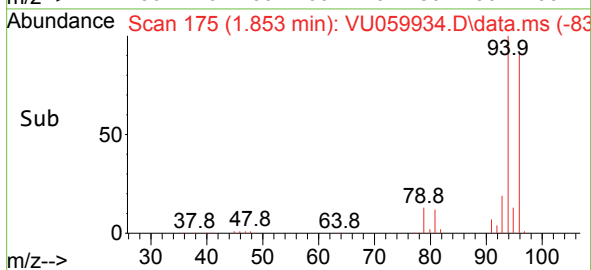
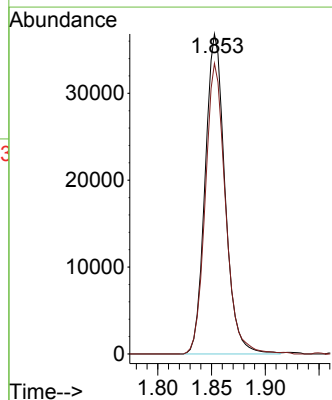
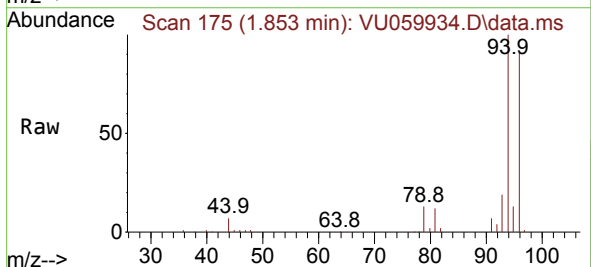
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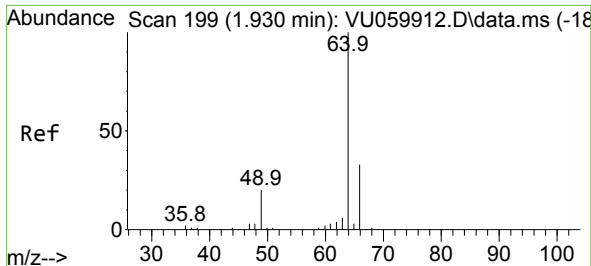
Tgt Ion: 62 Resp: 88963
 Ion Ratio Lower Upper
 62 100
 64 34.0 23.1 42.9



#6
 Bromomethane
 Concen: 3.266 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.003 min
 Lab File: VU059934.D
 Acq: 12 Jul 2024 20:09

Tgt Ion: 94 Resp: 47341
 Ion Ratio Lower Upper
 94 100
 96 90.8 62.9 116.9





#8

Chloroethane

Concen: 4.474 ug/L

RT: 1.930 min Scan# 199

Delta R.T. 0.000 min

Lab File: VU059934.D

Acq: 12 Jul 2024 20:09

Instrument :

MSVOA_U

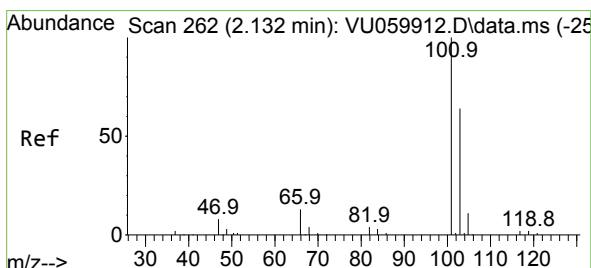
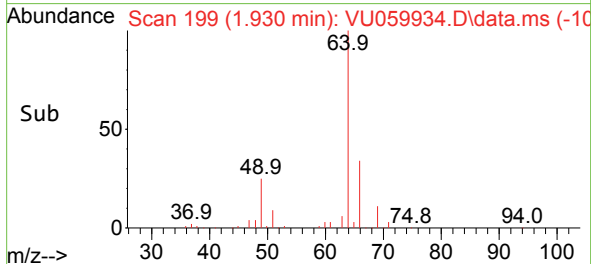
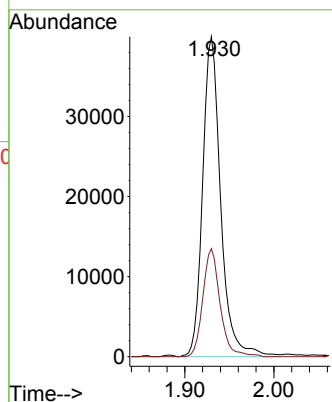
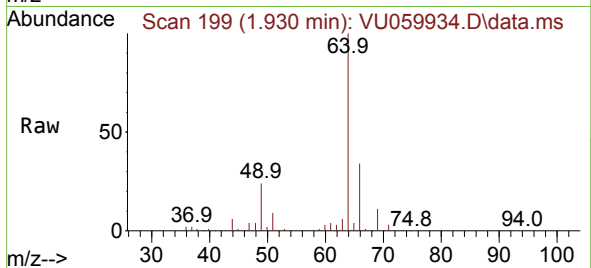
ClientSampleId :

Tgt Ion: 64 Resp: 56203

Ion Ratio Lower Upper

64 100

66 33.7 23.2 43.2



#9

Trichlorofluoromethane

Concen: 4.741 ug/L

RT: 2.132 min Scan# 262

Delta R.T. 0.000 min

Lab File: VU059934.D

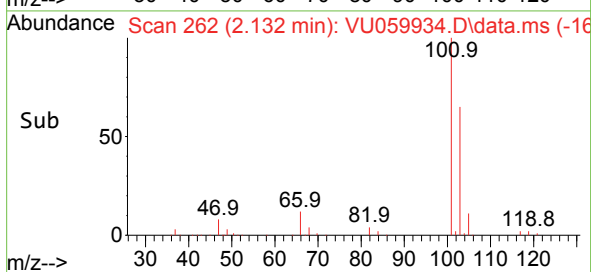
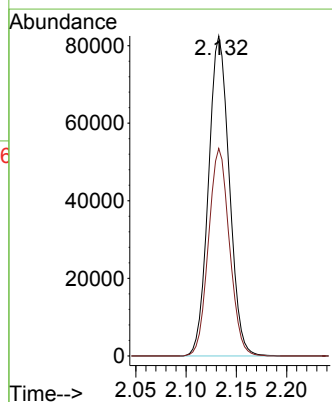
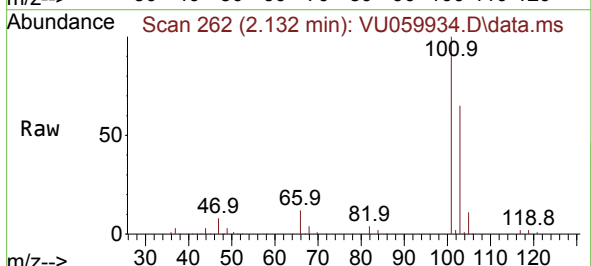
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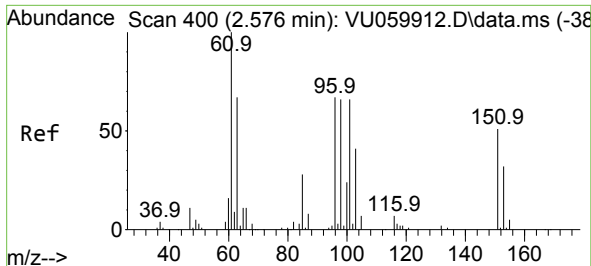
Tgt Ion:101 Resp: 118988

Ion Ratio Lower Upper

101 100

103 65.1 52.6 79.0

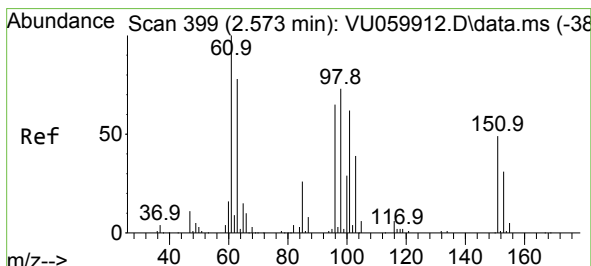
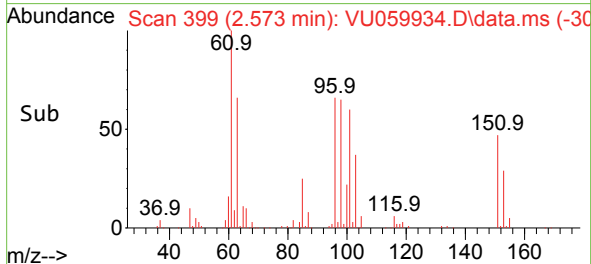
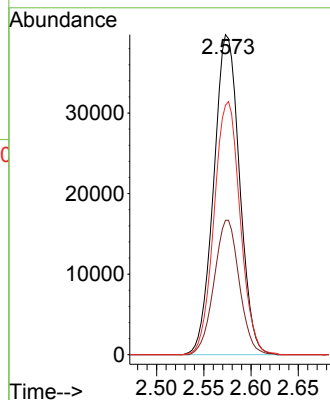
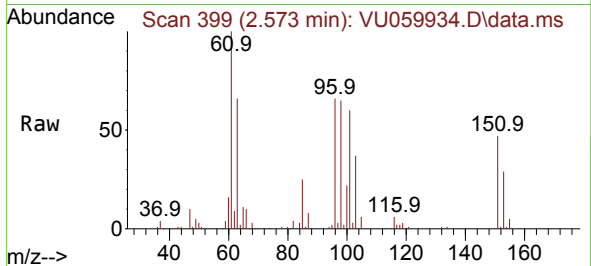




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.747 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU059934.D
Acq: 12 Jul 2024 20:09

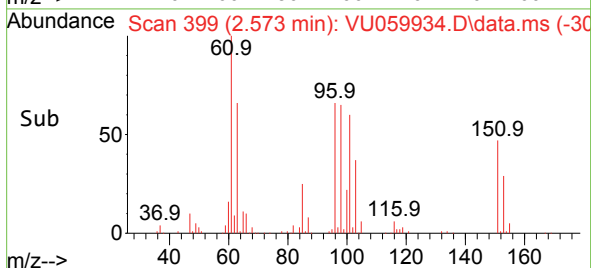
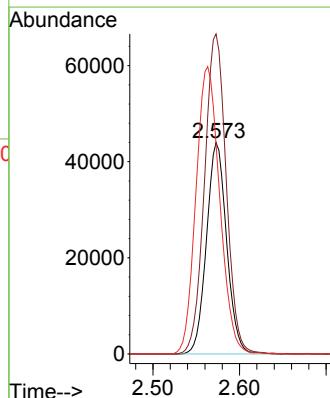
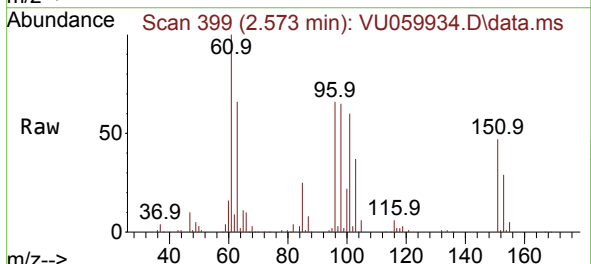
Instrument :
MSVOA_U
ClientSampleId :

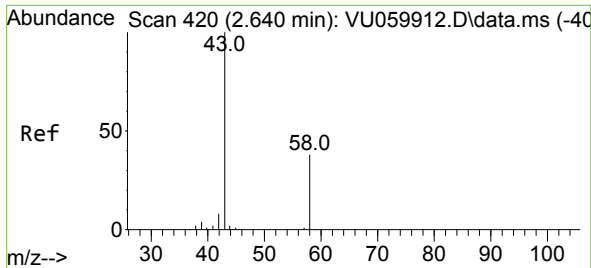
Tgt Ion:101 Resp: 75421
Ion Ratio Lower Upper
101 100
85 41.1 36.2 54.4
151 80.0 55.5 83.3



#12
1,1-Dichloroethene
Concen: 4.843 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU059934.D
Acq: 12 Jul 2024 20:09

Tgt Ion: 96 Resp: 71088
Ion Ratio Lower Upper
96 100
61 151.4 122.9 228.3
63 99.3 80.4 149.4





#13

Acetone

Concen: 53.044 ug/L

RT: 2.640 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU059934.D

Acq: 12 Jul 2024 20:09

Instrument :

MSVOA_U

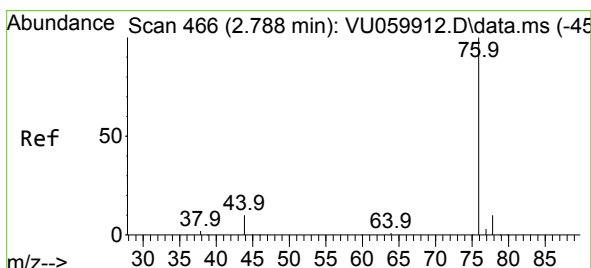
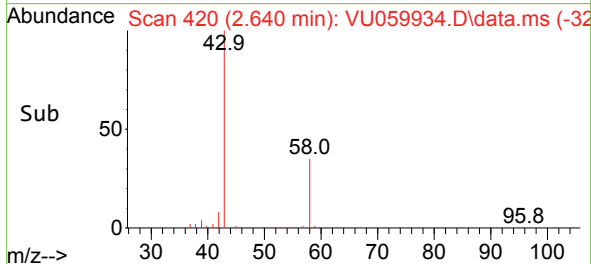
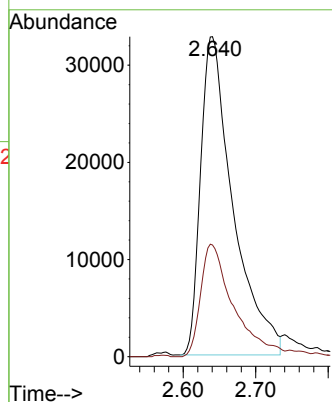
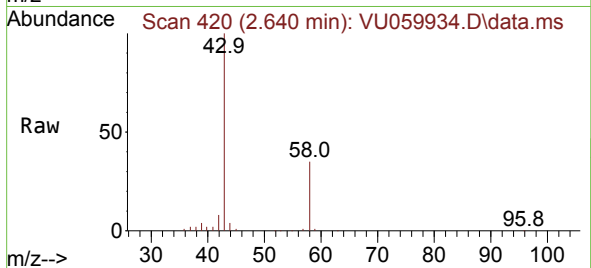
ClientSampleId :

Tgt Ion: 43 Resp: 101994

Ion Ratio Lower Upper

43 100

58 35.7 0.0 68.0



#14

Carbon disulfide

Concen: 4.105 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU059934.D

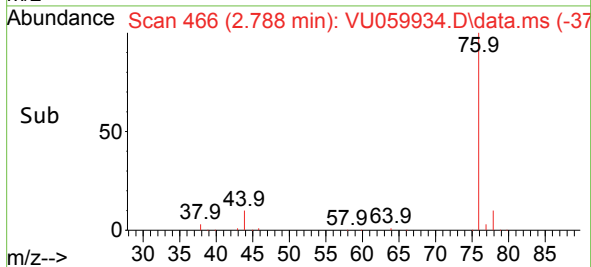
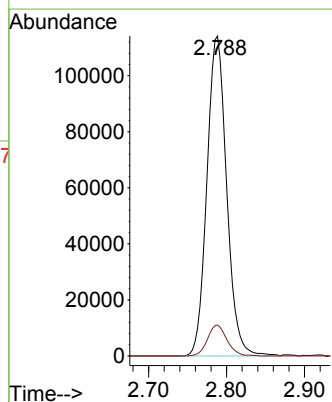
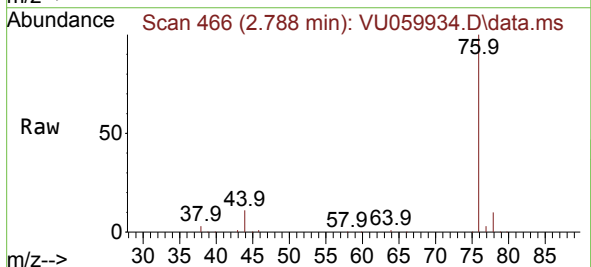
Acq: 12 Jul 2024 20:09

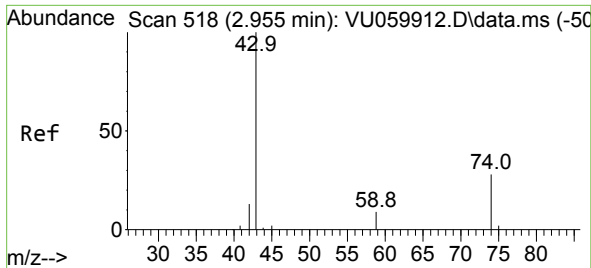
Tgt Ion: 76 Resp: 201017

Ion Ratio Lower Upper

76 100

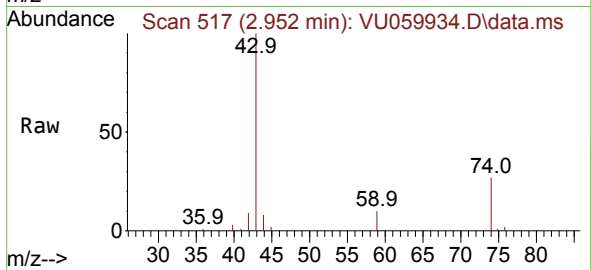
78 9.6 7.3 10.9



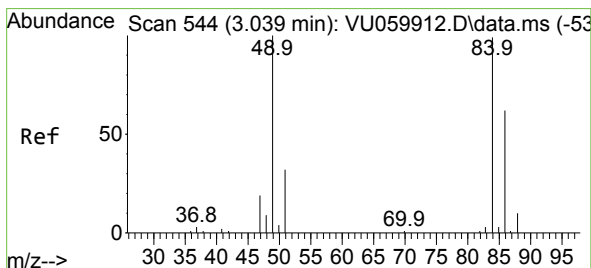
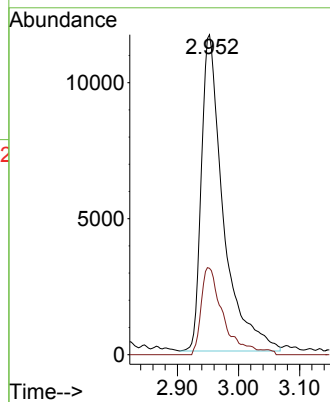
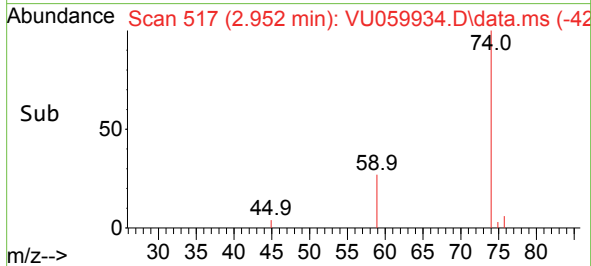


#15
Methyl Acetate
Concen: 5.714 ug/L
RT: 2.952 min Scan# 518
Delta R.T. -0.003 min
Lab File: VU059934.D
Acq: 12 Jul 2024 20:09

Instrument :
MSVOA_U
ClientSampleId :

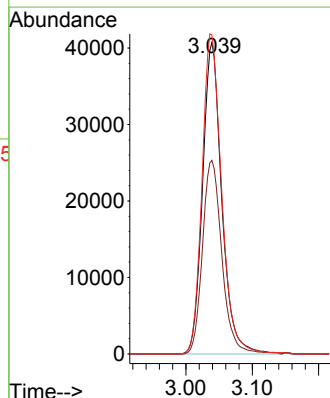
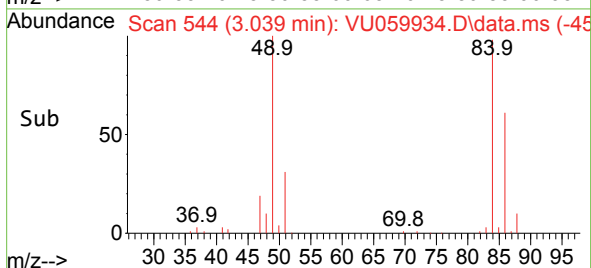
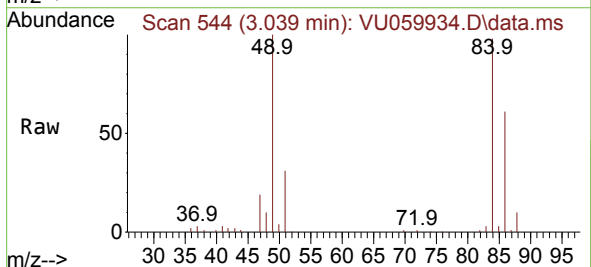


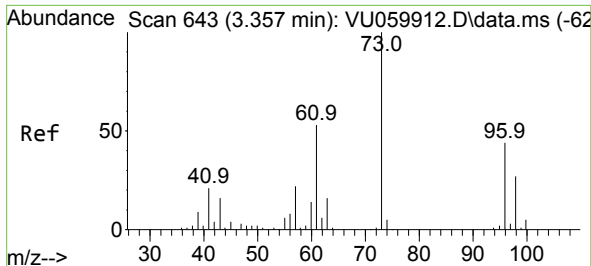
Tgt Ion: 43 Resp: 28996
Ion Ratio Lower Upper
43 100
74 27.4 19.2 28.8



#16
Methylene chloride
Concen: 4.699 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU059934.D
Acq: 12 Jul 2024 20:09

Tgt Ion: 84 Resp: 81721
Ion Ratio Lower Upper
84 100
86 62.1 42.1 78.1
49 102.5 80.6 149.8

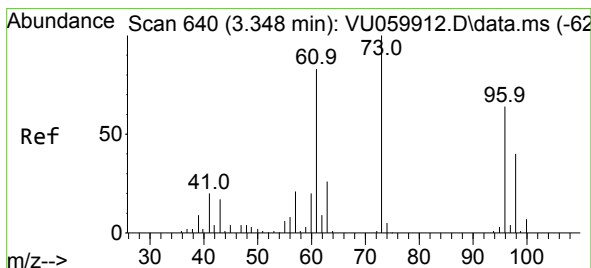
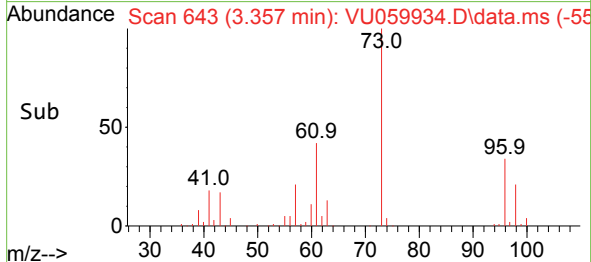
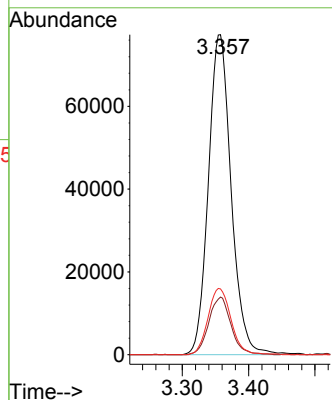
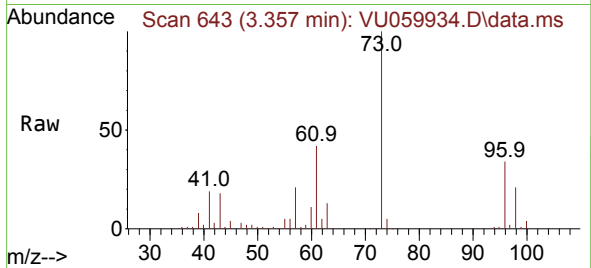




#17
Methyl tert-butyl Ether
Concen: 5.824 ug/L
RT: 3.357 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU059934.D
Acq: 12 Jul 2024 20:09

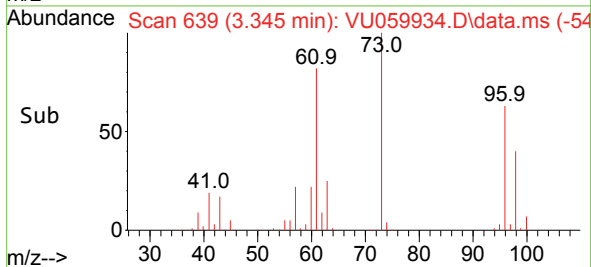
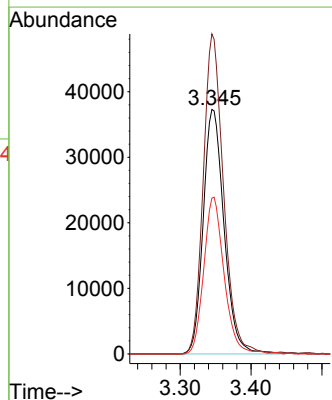
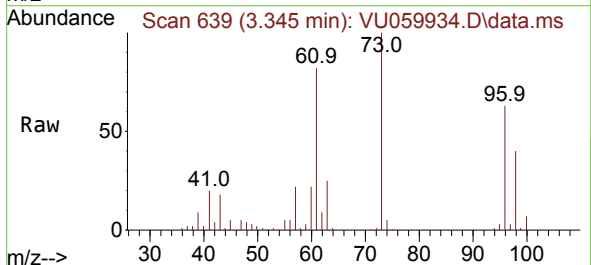
Instrument :
MSVOA_U
ClientSampleId :

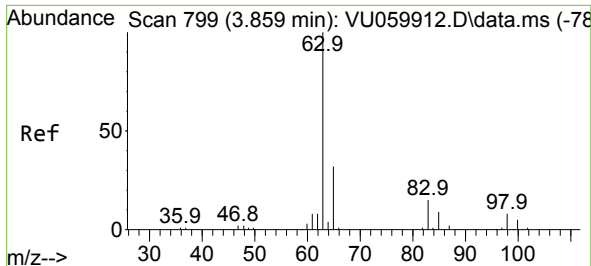
Tgt Ion: 73 Resp: 184216
Ion Ratio Lower Upper
73 100
43 17.7 14.9 22.3
57 20.9 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 4.994 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU059934.D
Acq: 12 Jul 2024 20:09

Tgt Ion: 96 Resp: 76231
Ion Ratio Lower Upper
96 100
61 130.9 101.8 189.0
98 63.8 43.3 80.5

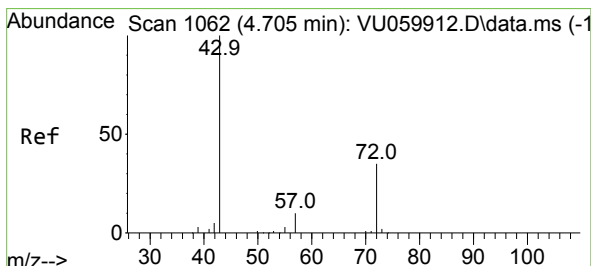
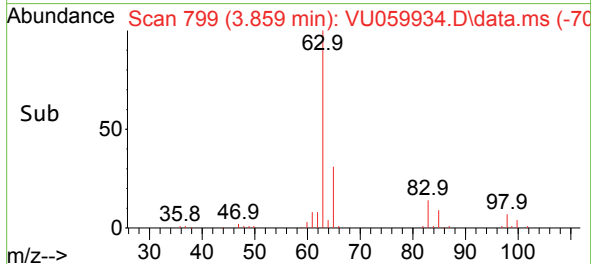
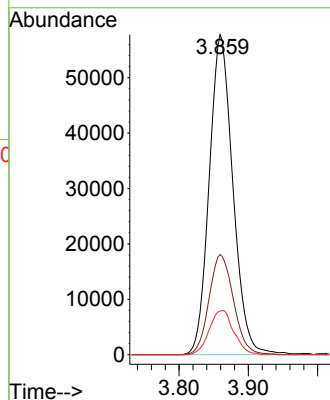
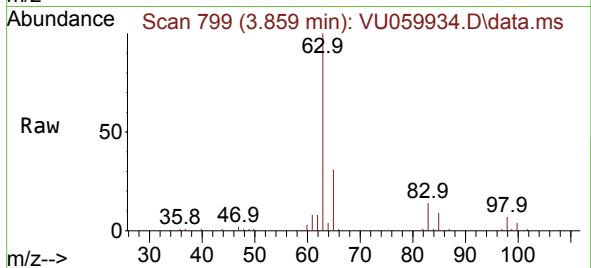




#19
1,1-Dichloroethane
Concen: 4.860 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU059934.D
Acq: 12 Jul 2024 20:09

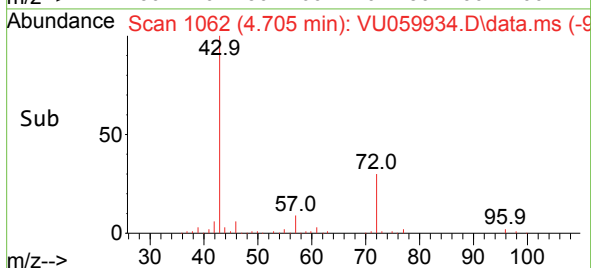
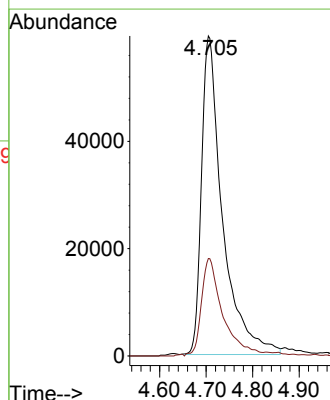
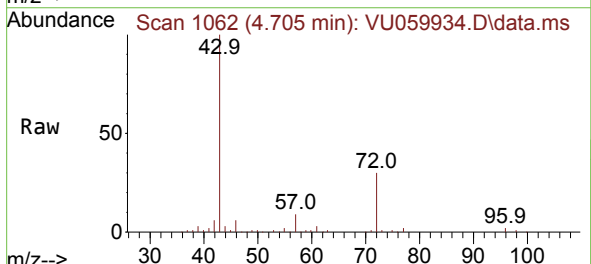
Instrument :
MSVOA_U
ClientSampleId :

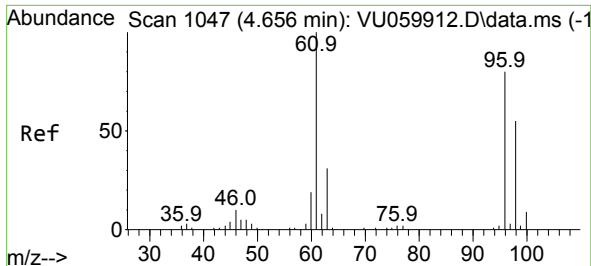
Tgt Ion: 63 Resp: 136796
Ion Ratio Lower Upper
63 100
65 31.3 21.8 40.6
83 13.6 9.9 18.5



#21
2-Butanone
Concen: 60.275 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VU059934.D
Acq: 12 Jul 2024 20:09

Tgt Ion: 43 Resp: 185896
Ion Ratio Lower Upper
43 100
72 30.9 13.8 41.4

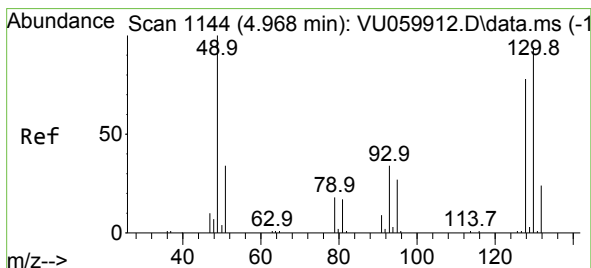
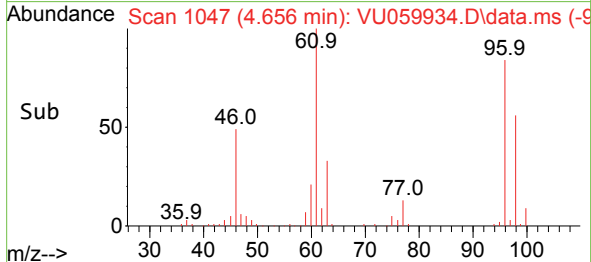
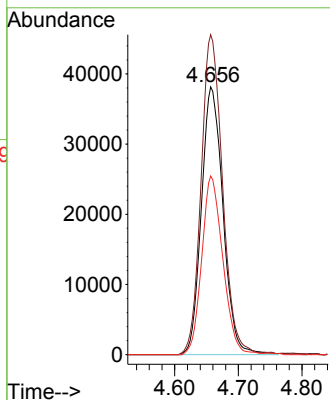
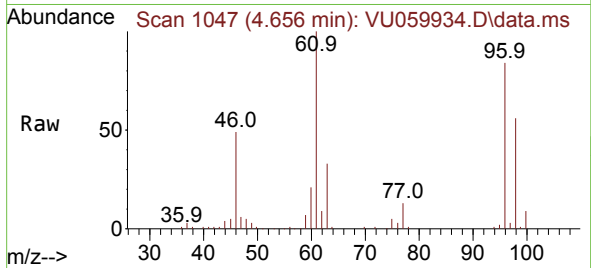




#22
 cis-1,2-Dichloroethene
 Concen: 5.354 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU059934.D
 Acq: 12 Jul 2024 20:09

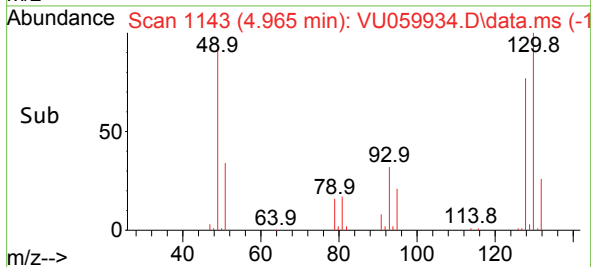
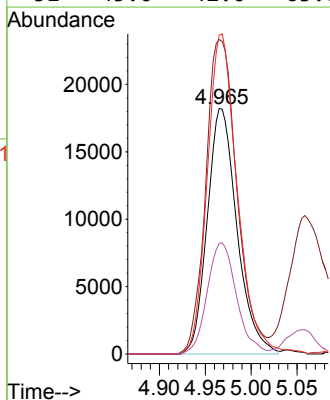
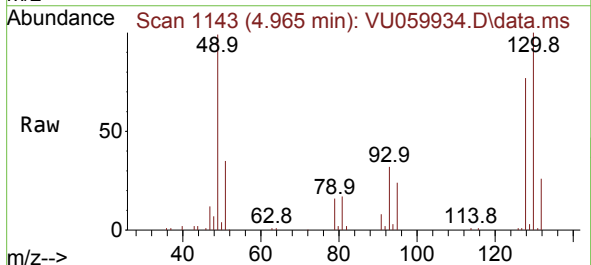
Instrument :
 MSVOA_U
 ClientSampleId :

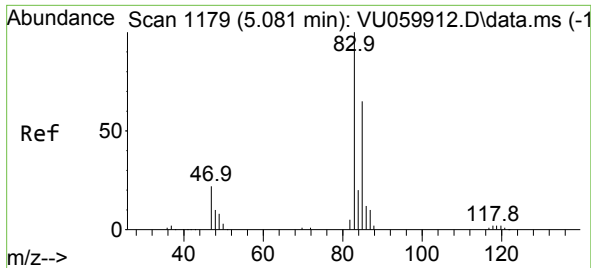
Tgt Ion: 96 Resp: 90089
 Ion Ratio Lower Upper
 96 100
 61 119.5 87.4 162.2
 98 66.7 42.3 78.5



#23
 Bromochloromethane
 Concen: 5.349 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.003 min
 Lab File: VU059934.D
 Acq: 12 Jul 2024 20:09

Tgt Ion: 128 Resp: 41027
 Ion Ratio Lower Upper
 128 100
 49 128.1 117.0 217.4
 130 129.9 89.6 166.4
 51 45.0 42.0 63.0

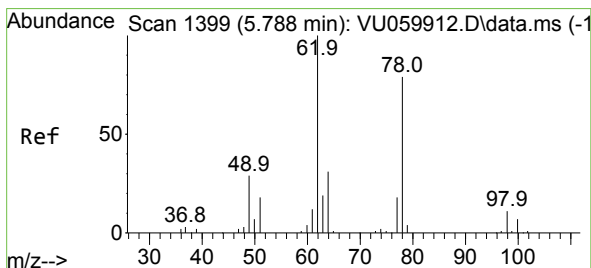
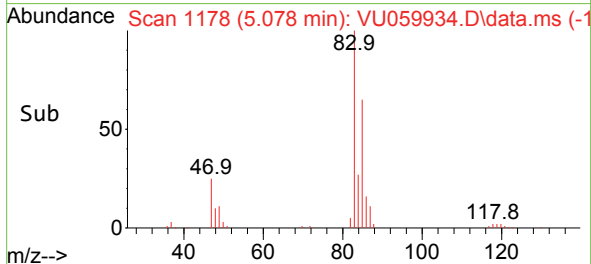
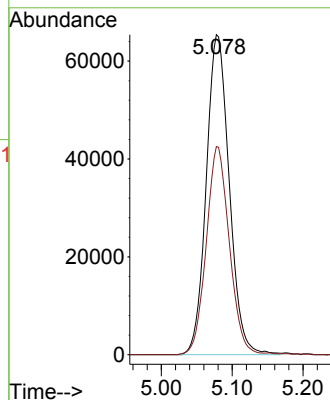
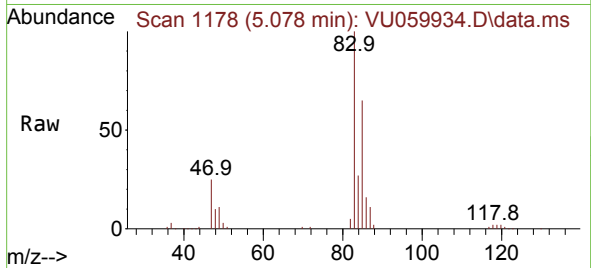




#25
Chloroform
Concen: 4.971 ug/L
RT: 5.078 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VU059934.D
Acq: 12 Jul 2024 20:09

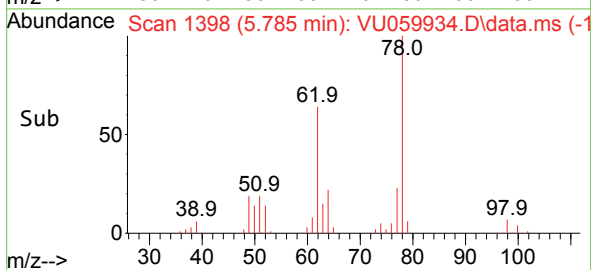
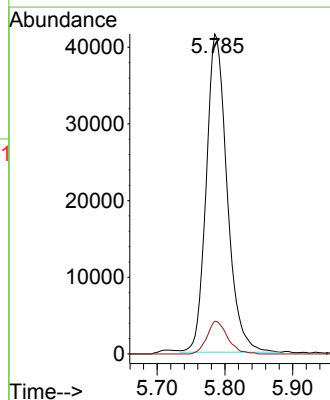
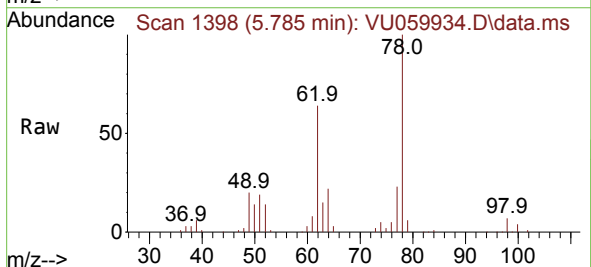
Instrument :
MSVOA_U
ClientSampleId :

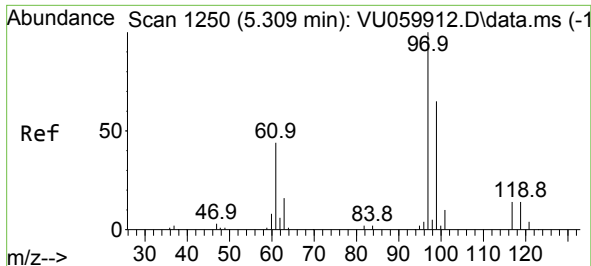
Tgt Ion: 83 Resp: 147373
Ion Ratio Lower Upper
83 100
85 65.1 44.7 83.1



#27
1,2-Dichloroethane
Concen: 4.940 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.003 min
Lab File: VU059934.D
Acq: 12 Jul 2024 20:09

Tgt Ion: 62 Resp: 88746
Ion Ratio Lower Upper
62 100
98 10.2 7.5 11.3





#29

1,1,1-Trichloroethane

Concen: 5.095 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. 0.000 min

Lab File: VU059934.D

Acq: 12 Jul 2024 20:09

Instrument :

MSVOA_U

ClientSampleId :

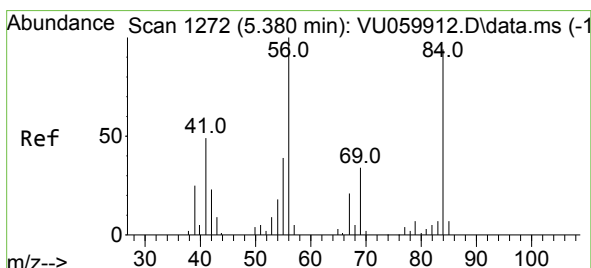
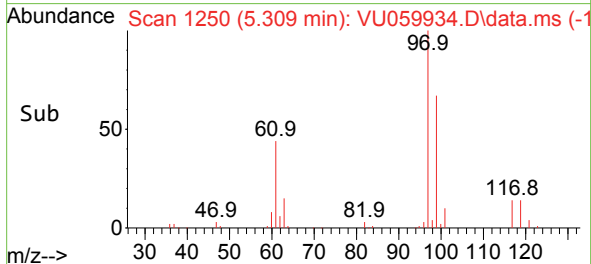
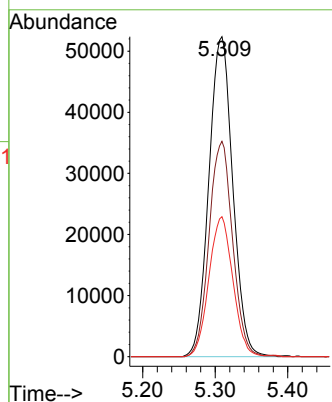
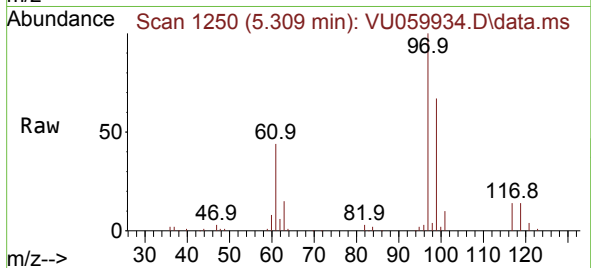
Tgt Ion: 97 Resp: 120017

Ion Ratio Lower Upper

97 100

99 66.4 51.8 77.6

61 43.8 37.4 56.2



#30

Cyclohexane

Concen: 5.091 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VU059934.D

Acq: 12 Jul 2024 20:09

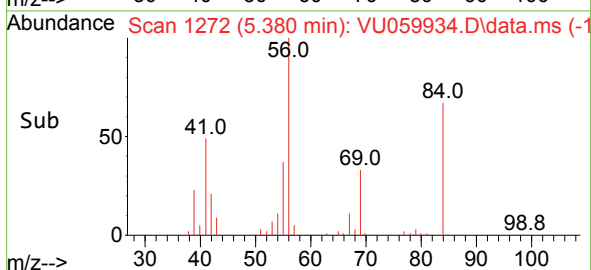
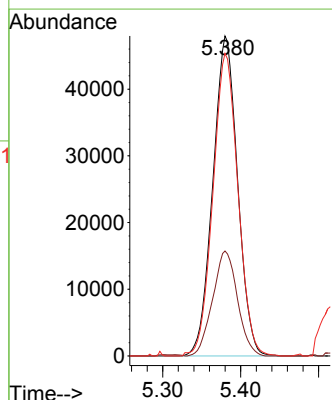
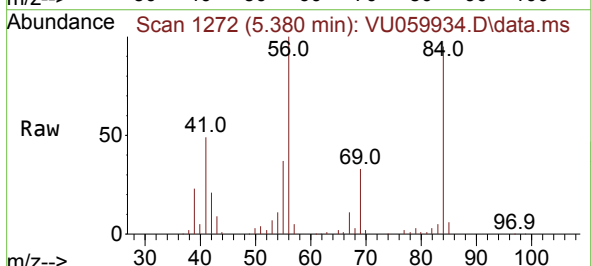
Tgt Ion: 56 Resp: 105887

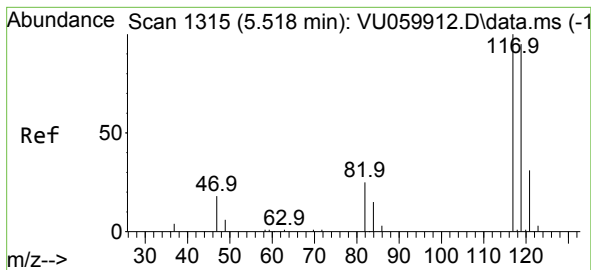
Ion Ratio Lower Upper

56 100

69 32.9 24.8 37.2

84 95.5 69.8 104.8





#31

Carbon tetrachloride

Concen: 5.206 ug/L

RT: 5.518 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VU059934.D

Acq: 12 Jul 2024 20:09

Instrument :

MSVOA_U

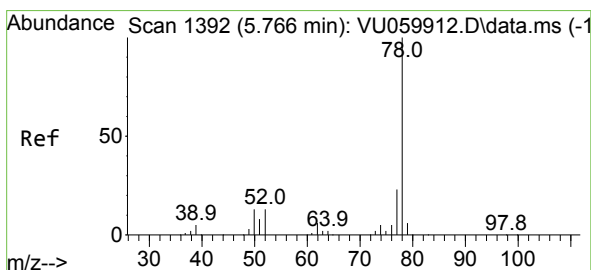
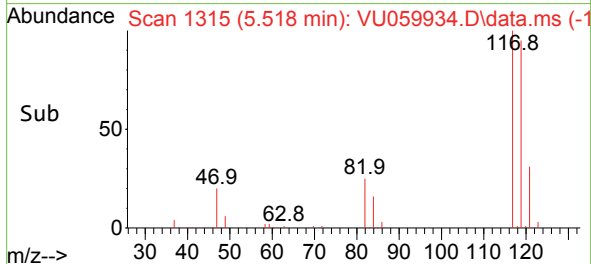
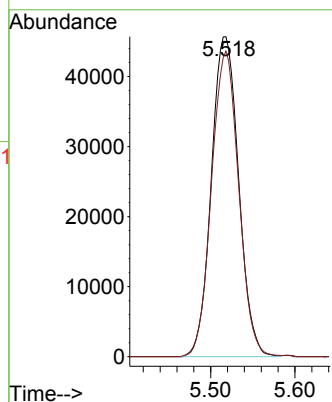
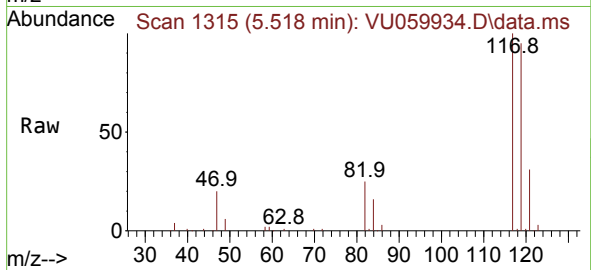
ClientSampleId :

Tgt Ion:117 Resp: 102674

Ion Ratio Lower Upper

117 100

119 95.1 77.5 116.3



#33

Benzene

Concen: 5.190 ug/L

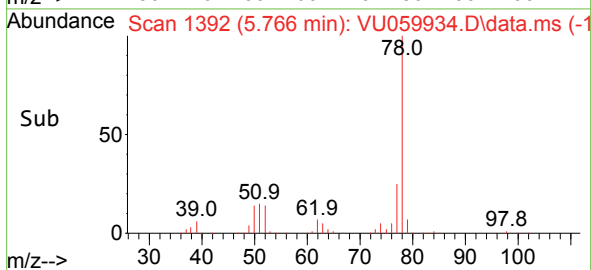
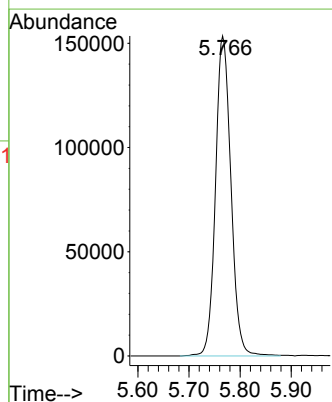
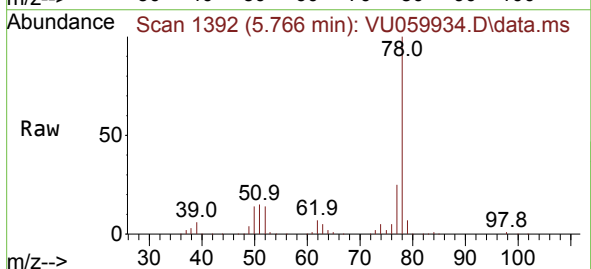
RT: 5.766 min Scan# 1392

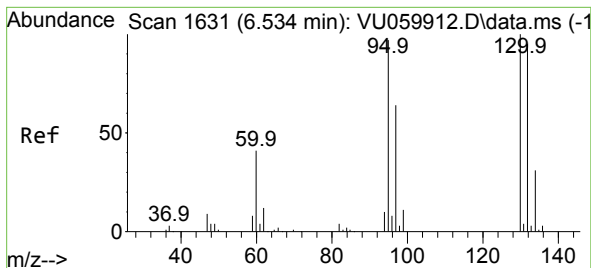
Delta R.T. 0.000 min

Lab File: VU059934.D

Acq: 12 Jul 2024 20:09

Tgt Ion: 78 Resp: 321528





#34

Trichloroethene

Concen: 5.151 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

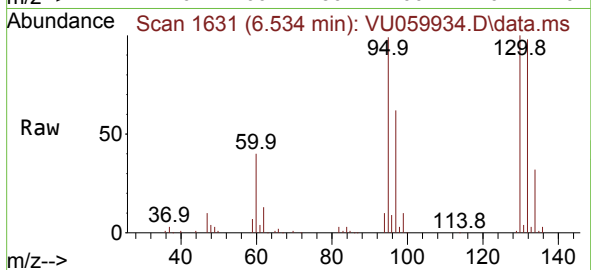
Lab File: VU059934.D

Acq: 12 Jul 2024 20:09

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 86422

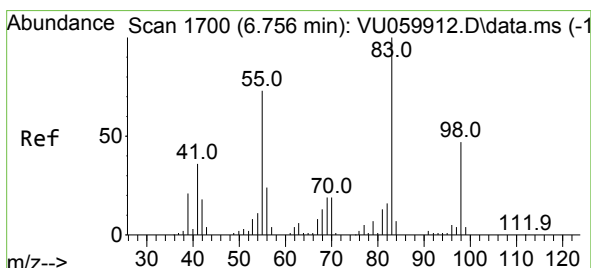
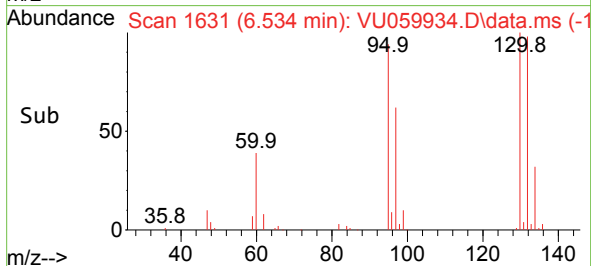
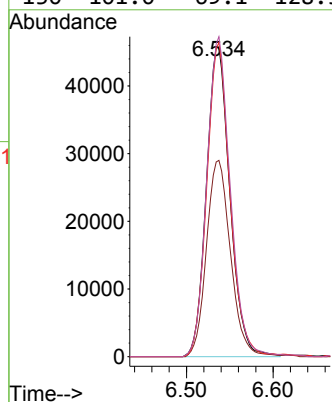
Ion Ratio Lower Upper

95 100

97 62.9 45.3 84.1

132 99.4 64.0 119.0

130 101.0 69.1 128.3



#35

Methylcyclohexane

Concen: 5.049 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU059934.D

Acq: 12 Jul 2024 20:09

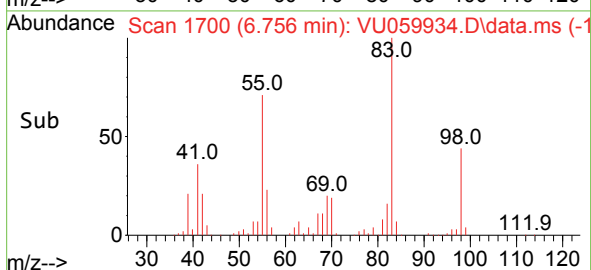
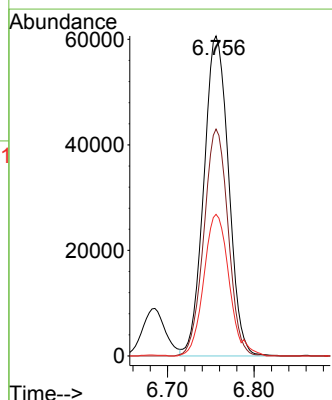
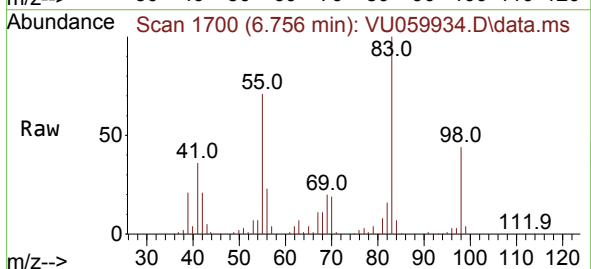
Tgt Ion: 83 Resp: 120535

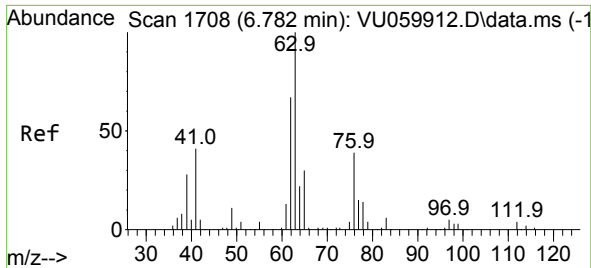
Ion Ratio Lower Upper

83 100

55 69.7 62.7 94.1

98 45.4 35.4 53.0

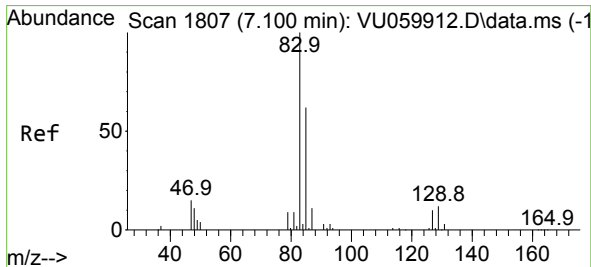
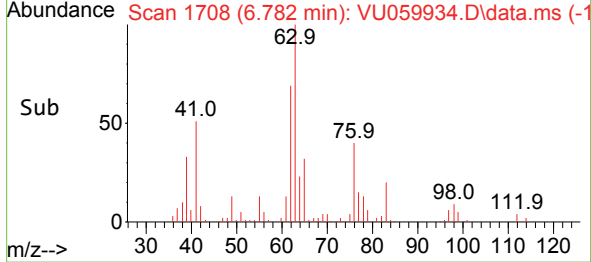
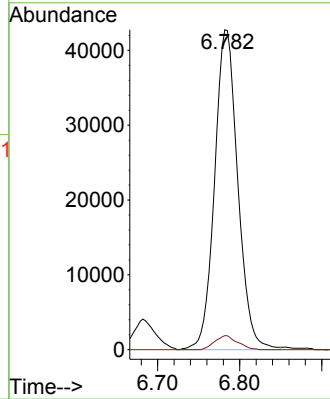
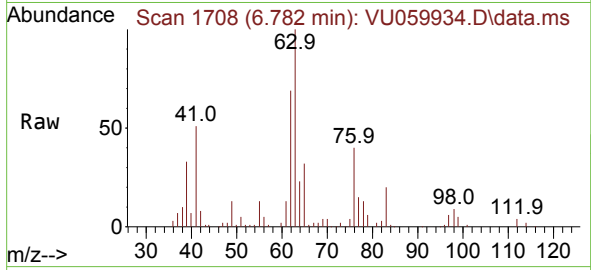




#37
1,2-Dichloropropane
Concen: 5.244 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU059934.D
Acq: 12 Jul 2024 20:09

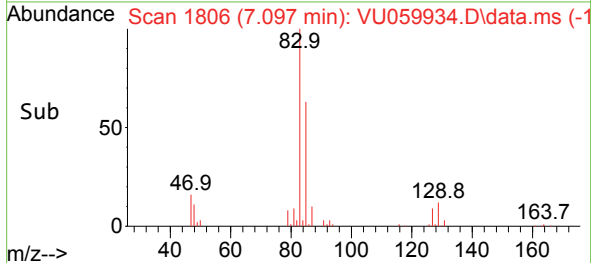
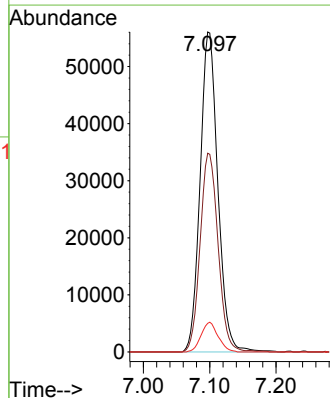
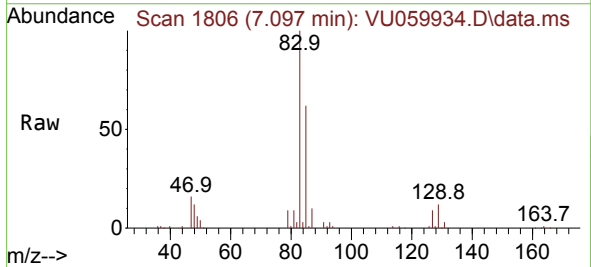
Instrument :
MSVOA_U
ClientSampleId :

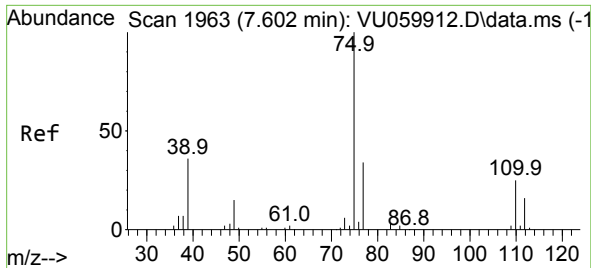
Tgt Ion: 63 Resp: 84067
Ion Ratio Lower Upper
63 100
112 4.3 2.6 3.8#



#38
Bromodichloromethane
Concen: 5.201 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VU059934.D
Acq: 12 Jul 2024 20:09

Tgt Ion: 83 Resp: 104081
Ion Ratio Lower Upper
83 100
85 62.1 42.7 79.3
127 9.0 6.1 9.1

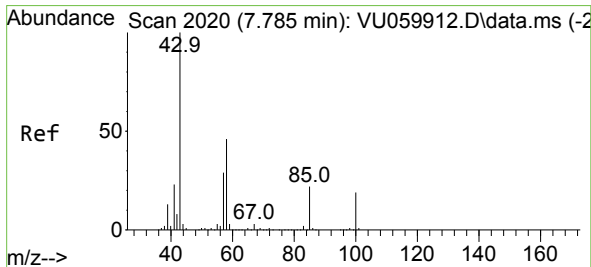
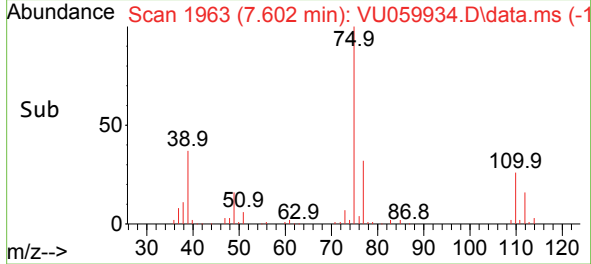
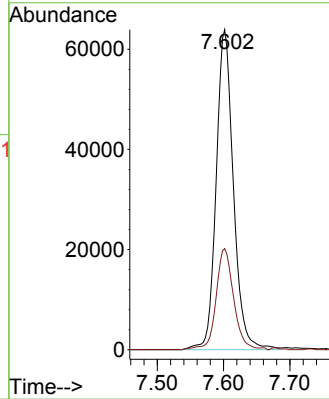
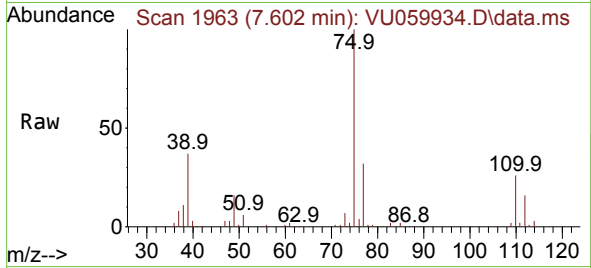




#39
 cis-1,3-Dichloropropene
 Concen: 5.272 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU059934.D
 Acq: 12 Jul 2024 20:09

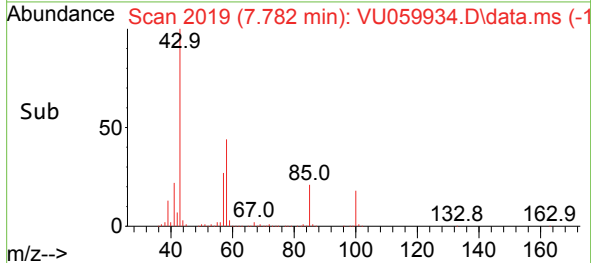
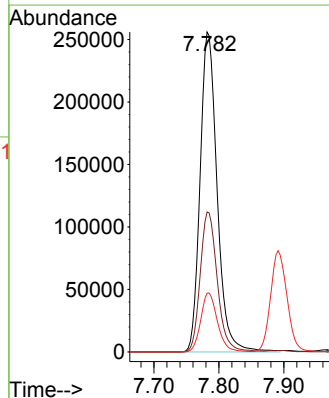
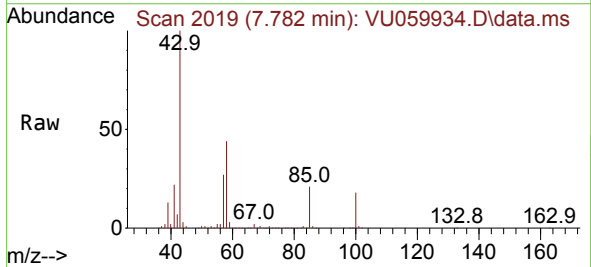
Instrument :
 MSVOA_U
 ClientSampleId :

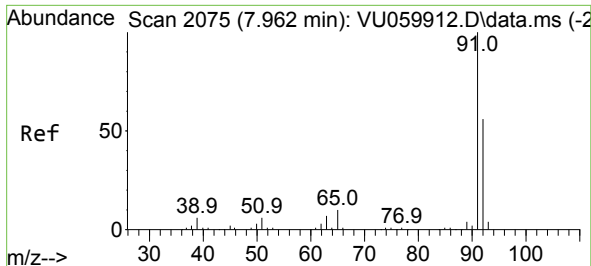
Tgt Ion: 75 Resp: 115572
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 62.895 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.003 min
 Lab File: VU059934.D
 Acq: 12 Jul 2024 20:09

Tgt Ion: 43 Resp: 467214
 Ion Ratio Lower Upper
 43 100
 58 44.0 34.0 51.0
 100 18.2 12.1 18.1#





#42

Toluene

Concen: 5.390 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU059934.D

Acq: 12 Jul 2024 20:09

Instrument :

MSVOA_U

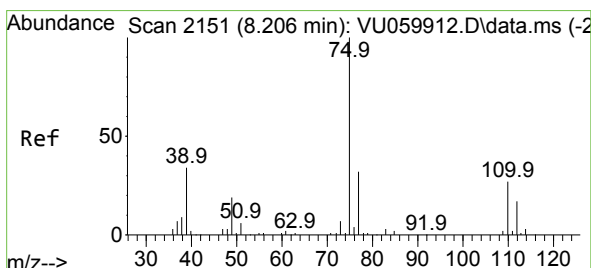
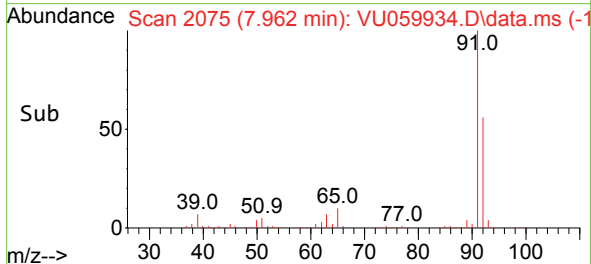
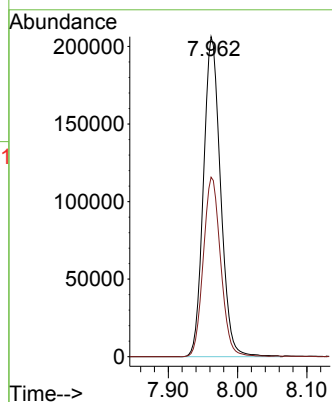
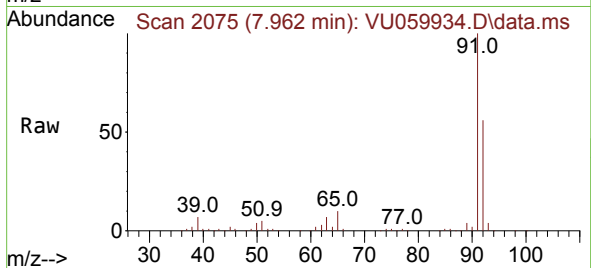
ClientSampleId :

Tgt Ion: 91 Resp: 353522

Ion Ratio Lower Upper

91 100

92 56.1 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.424 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU059934.D

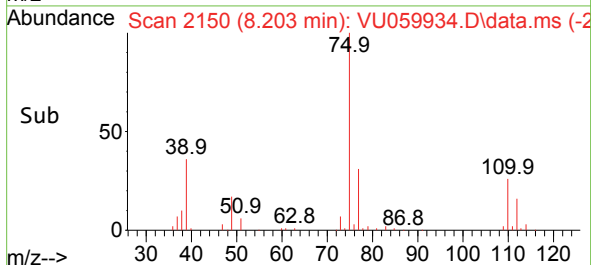
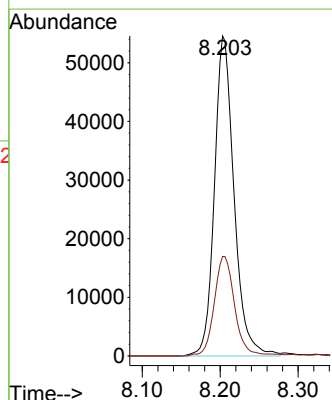
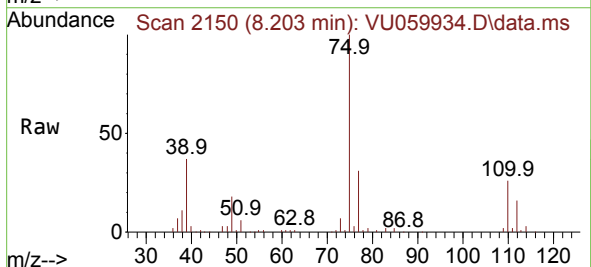
Acq: 12 Jul 2024 20:09

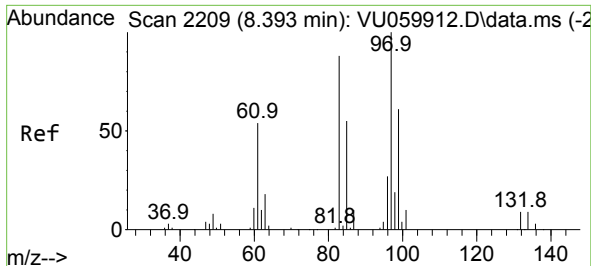
Tgt Ion: 75 Resp: 95441

Ion Ratio Lower Upper

75 100

77 31.1 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 5.647 ug/L

RT: 8.393 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VU059934.D

Acq: 12 Jul 2024 20:09

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 66711

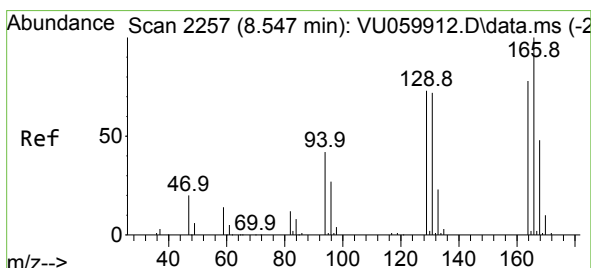
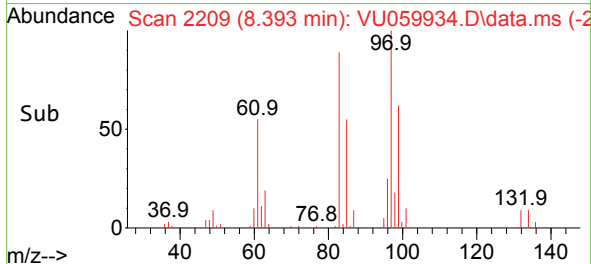
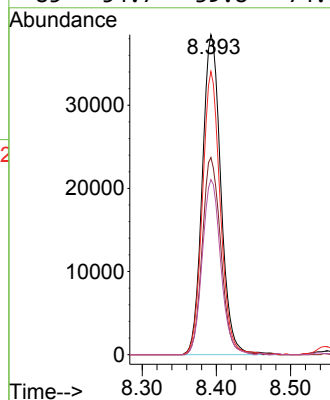
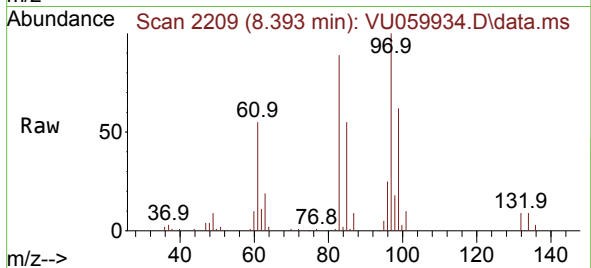
Ion Ratio Lower Upper

97 100

99 61.6 43.3 80.3

83 88.5 62.3 115.7

85 54.7 39.8 74.0



#47

Tetrachloroethene

Concen: 5.525 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU059934.D

Acq: 12 Jul 2024 20:09

Tgt Ion: 164 Resp: 71929

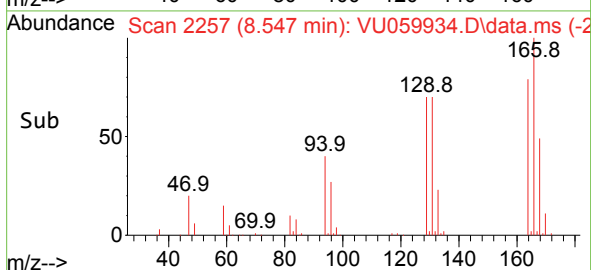
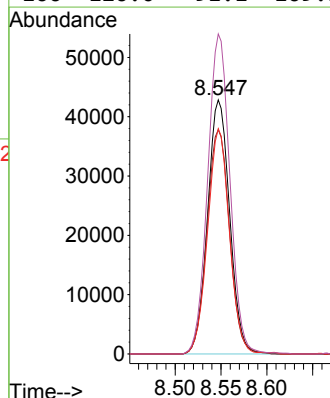
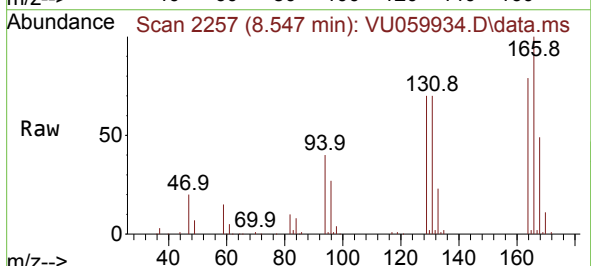
Ion Ratio Lower Upper

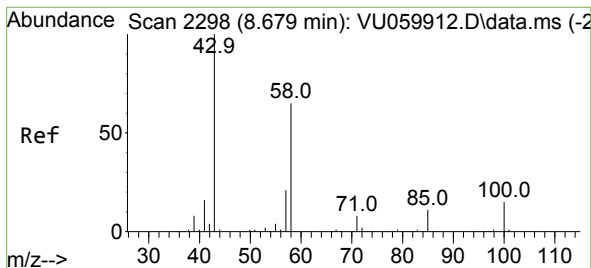
164 100

129 88.2 70.8 131.4

131 88.7 64.8 120.3

166 126.0 91.1 169.1





#48

2-Hexanone

Concen: 63.342 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. 0.000 min

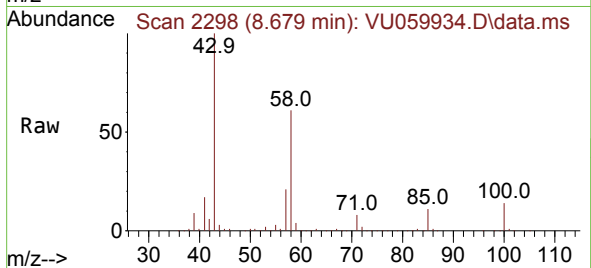
Lab File: VU059934.D

Acq: 12 Jul 2024 20:09

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 335809

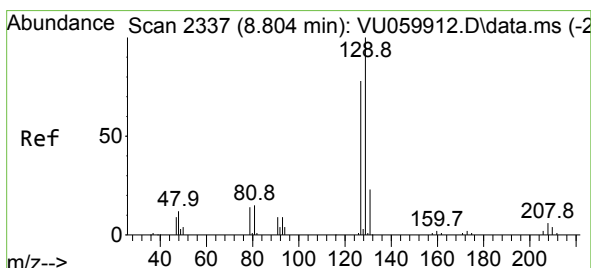
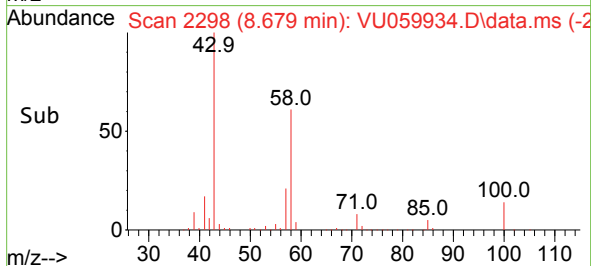
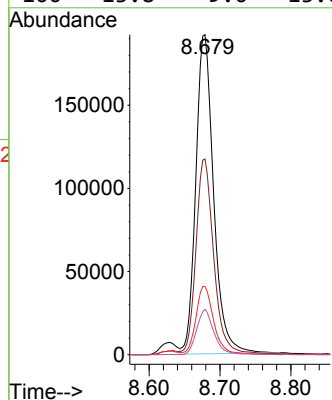
Ion Ratio Lower Upper

43 100

58 61.3 46.1 69.1

57 21.1 15.5 23.3

100 13.8 9.0 13.6#



#49

Dibromochloromethane

Concen: 5.618 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VU059934.D

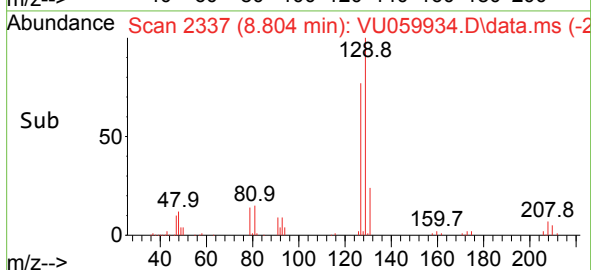
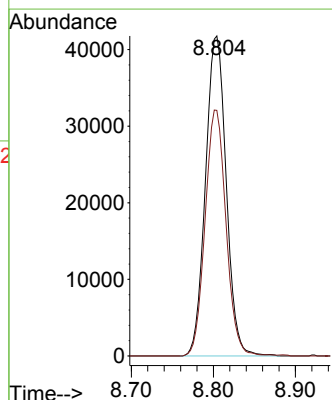
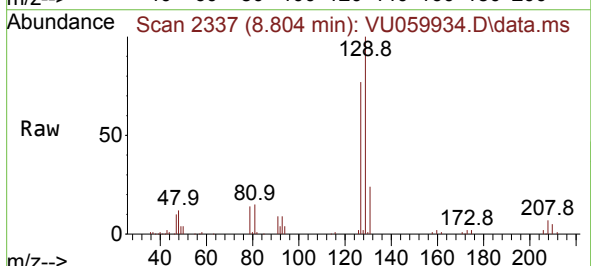
Acq: 12 Jul 2024 20:09

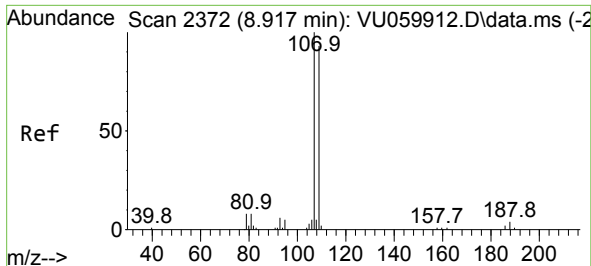
Tgt Ion: 129 Resp: 73524

Ion Ratio Lower Upper

129 100

127 76.8 52.5 97.5





#50

1,2-Dibromoethane

Concen: 5.683 ug/L

RT: 8.917 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU059934.D

Acq: 12 Jul 2024 20:09

Instrument :

MSVOA_U

ClientSampleId :

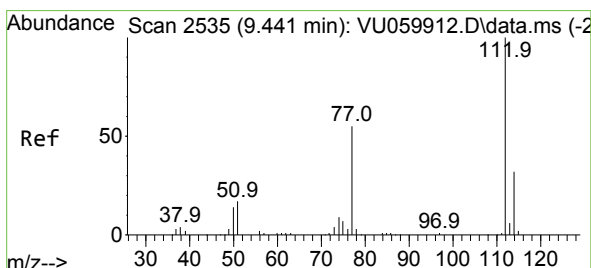
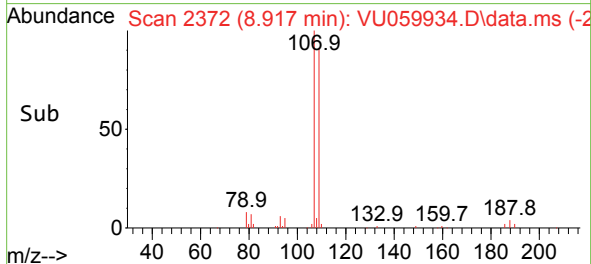
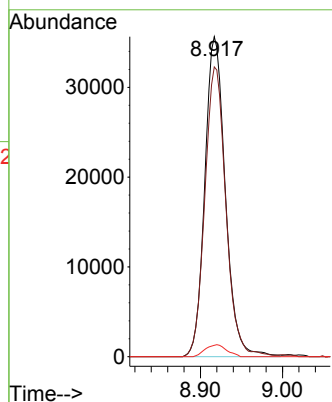
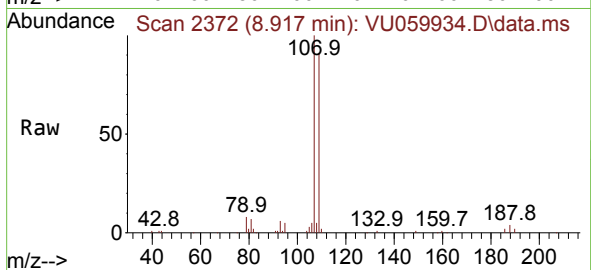
Tgt Ion:107 Resp: 61997

Ion Ratio Lower Upper

107 100

109 90.6 66.9 124.3

188 3.6 2.7 4.1



#51

Chlorobenzene

Concen: 5.699 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.000 min

Lab File: VU059934.D

Acq: 12 Jul 2024 20:09

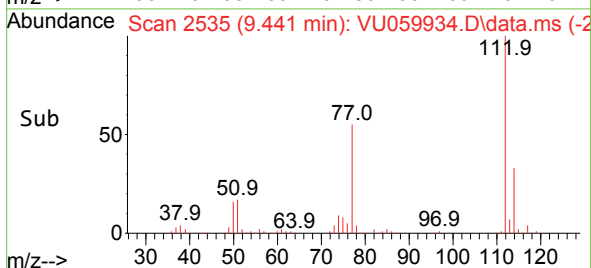
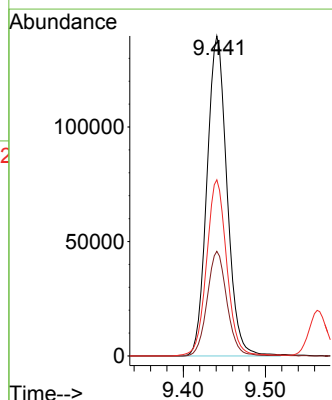
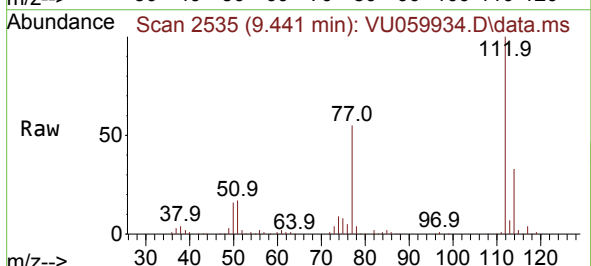
Tgt Ion:112 Resp: 237064

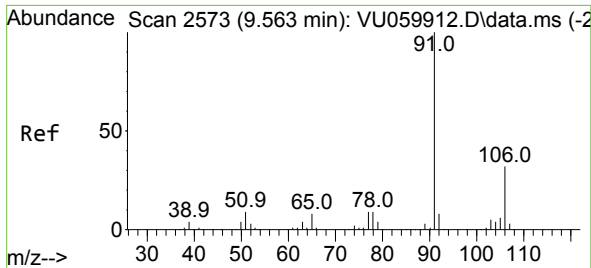
Ion Ratio Lower Upper

112 100

114 32.7 22.4 41.6

77 55.1 49.1 73.7

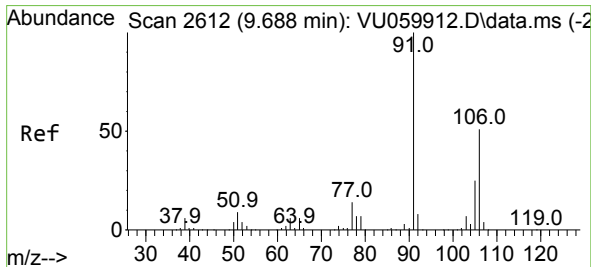
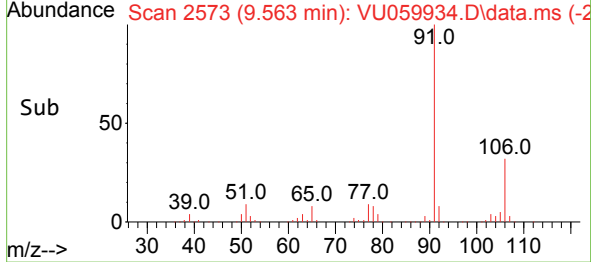
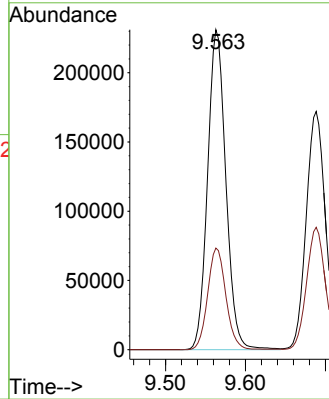
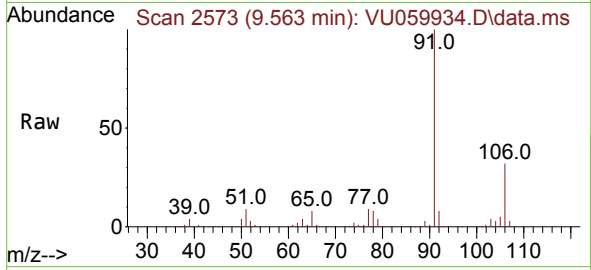




#52
Ethylbenzene
Concen: 5.455 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU059934.D
Acq: 12 Jul 2024 20:09

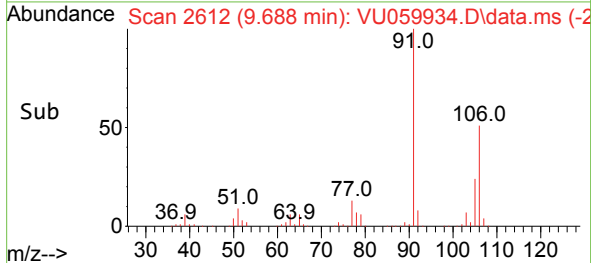
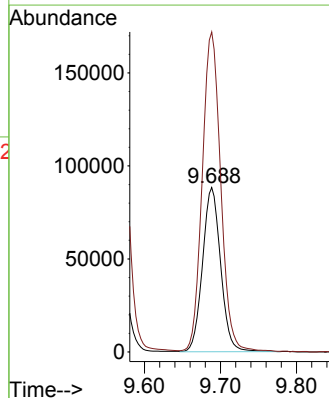
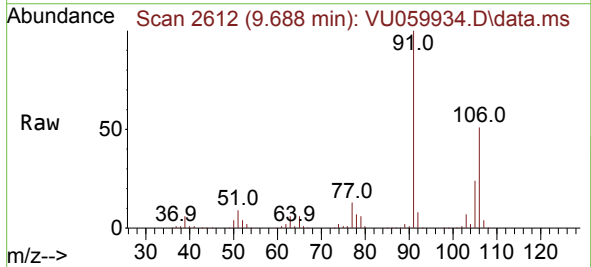
Instrument :
MSVOA_U
ClientSampleId :

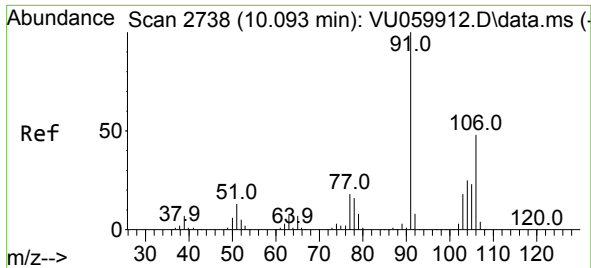
Tgt Ion: 91 Resp: 366988
Ion Ratio Lower Upper
91 100
106 31.8 20.9 38.7



#53
m,p-Xylene
Concen: 5.638 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU059934.D
Acq: 12 Jul 2024 20:09

Tgt Ion: 106 Resp: 145687
Ion Ratio Lower Upper
106 100
91 194.5 142.0 263.8

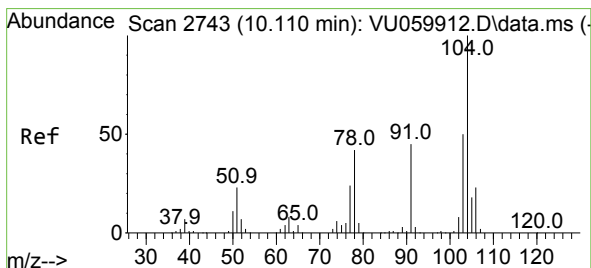
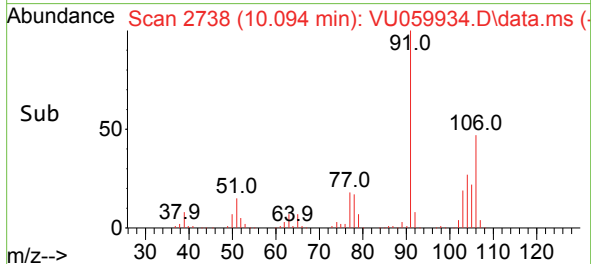
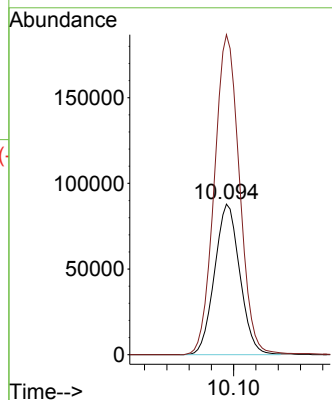
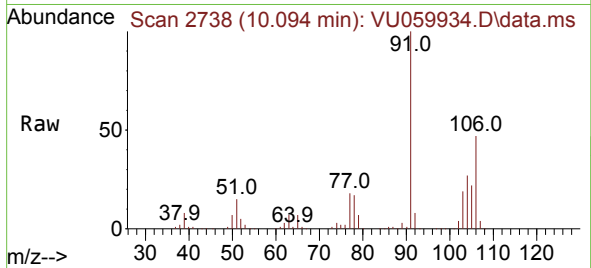




#54
o-Xylene
Concen: 5.638 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU059934.D
Acq: 12 Jul 2024 20:09

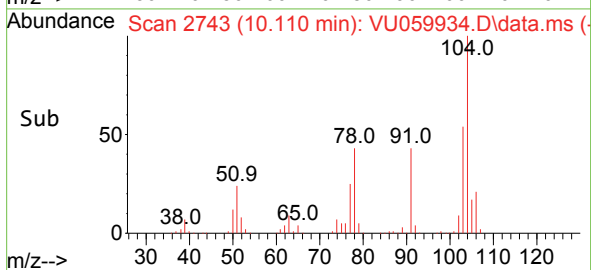
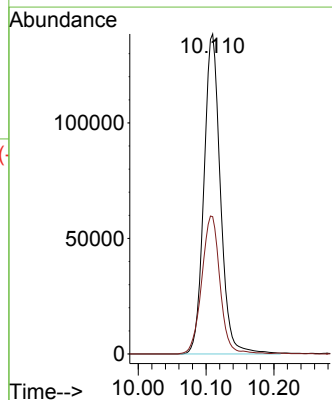
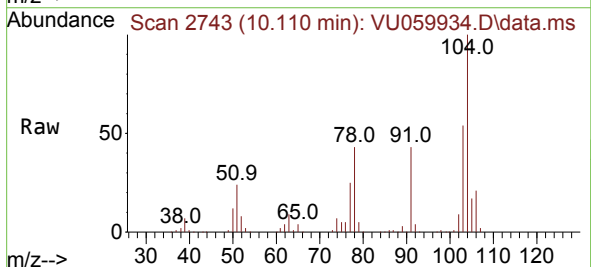
Instrument :
MSVOA_U
ClientSampleId :

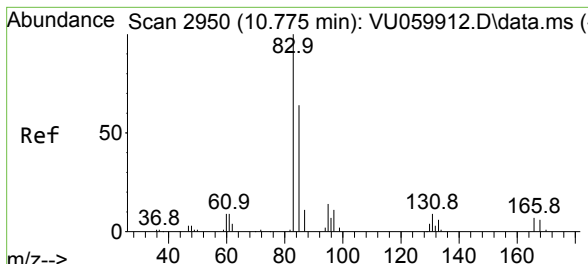
Tgt Ion:106 Resp: 138260
Ion Ratio Lower Upper
106 100
91 212.5 151.6 281.6



#55
Styrene
Concen: 5.610 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU059934.D
Acq: 12 Jul 2024 20:09

Tgt Ion:104 Resp: 234193
Ion Ratio Lower Upper
104 100
78 42.9 32.3 60.1

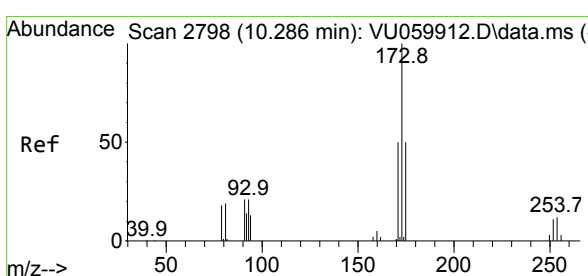
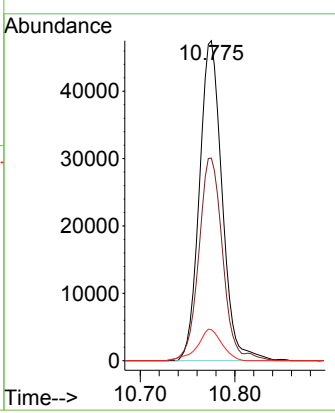
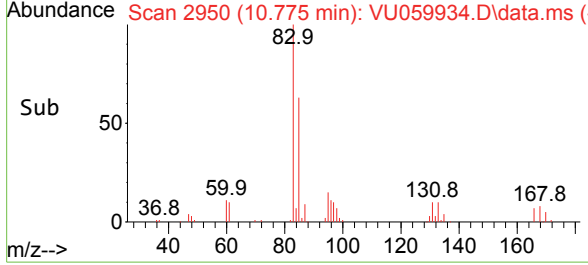
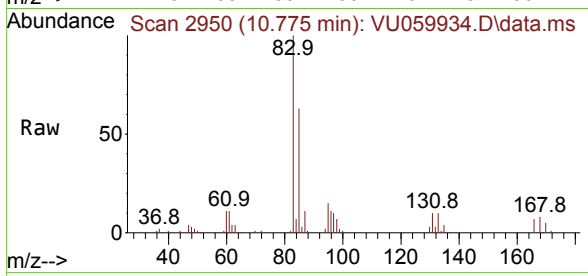




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.526 ug/L
 RT: 10.775 min Scan# 2950
 Delta R.T. 0.000 min
 Lab File: VU059934.D
 Acq: 12 Jul 2024 20:09

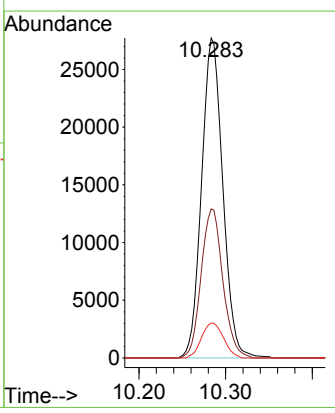
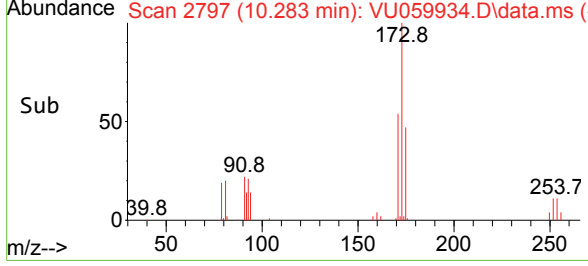
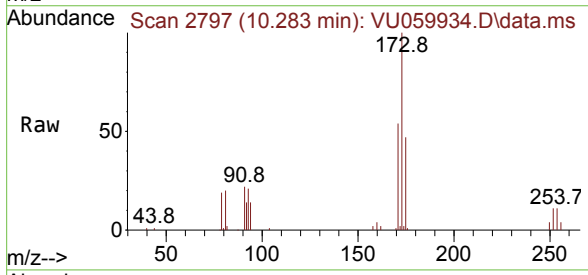
Instrument :
 MSVOA_U
 ClientSampleId :

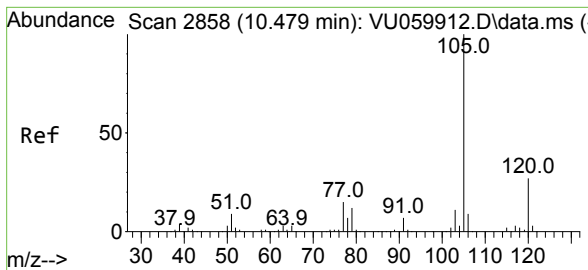
Tgt Ion:	83	Resp:	79192
Ion Ratio	Lower	Upper	
83	100		
85	63.3	44.7	82.9
131	9.7	6.9	10.3



#59
 Bromoform
 Concen: 5.601 ug/L
 RT: 10.283 min Scan# 2797
 Delta R.T. -0.003 min
 Lab File: VU059934.D
 Acq: 12 Jul 2024 20:09

Tgt Ion:	173	Resp:	47216
Ion Ratio	Lower	Upper	
173	100		
175	47.6	39.4	59.2
254	11.3	7.4	11.2

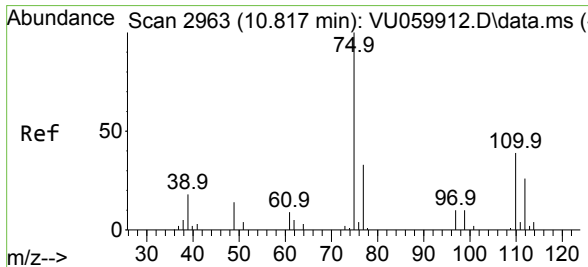
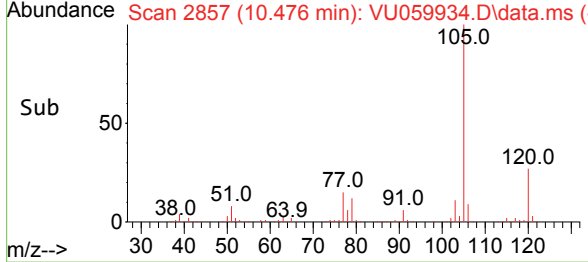
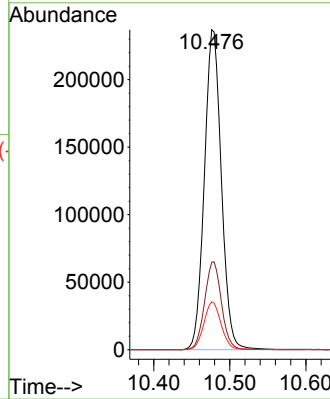
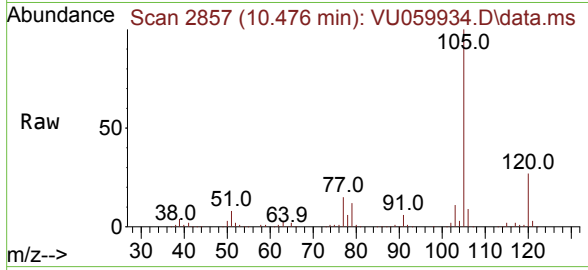




#60
Isopropylbenzene
Concen: 5.396 ug/L
RT: 10.476 min Scan# 2858
Delta R.T. -0.003 min
Lab File: VU059934.D
Acq: 12 Jul 2024 20:09

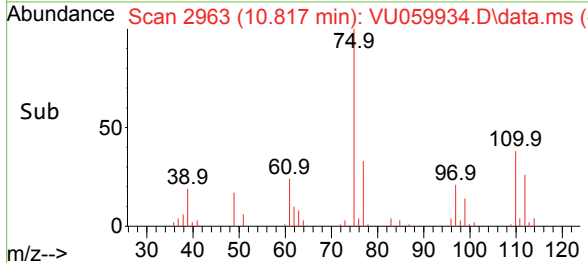
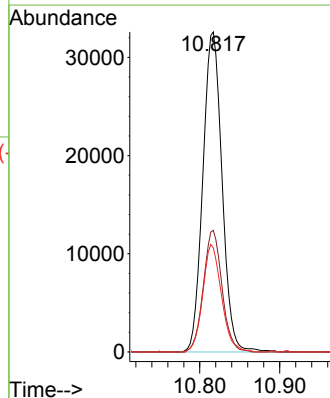
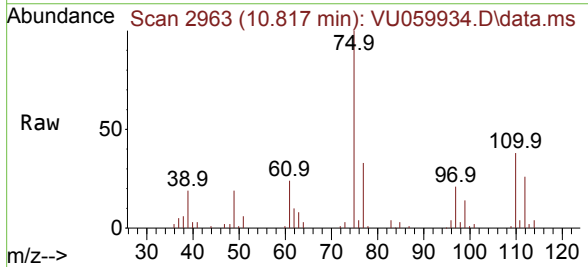
Instrument :
MSVOA_U
ClientSampleId :

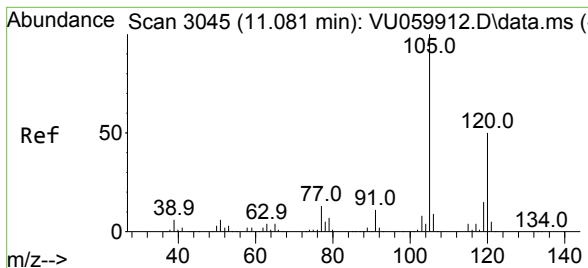
Tgt Ion:105 Resp: 367157
Ion Ratio Lower Upper
105 100
120 27.3 20.6 31.0
77 15.2 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 5.348 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU059934.D
Acq: 12 Jul 2024 20:09

Tgt Ion: 75 Resp: 54440
Ion Ratio Lower Upper
75 100
110 37.0 27.1 40.7
77 32.7 25.4 38.2

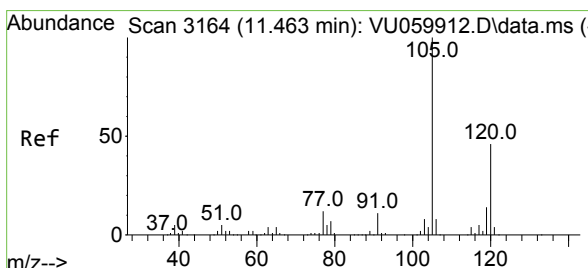
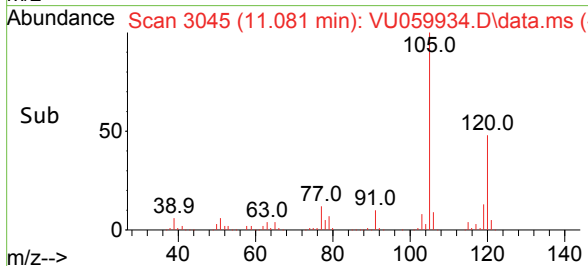
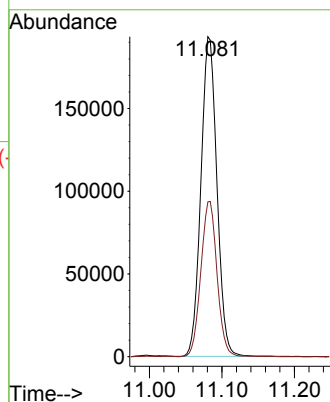
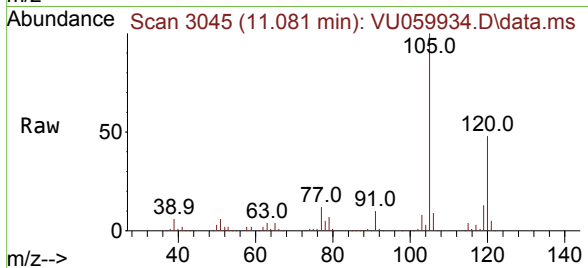




#62
1,3,5-Trimethylbenzene
Concen: 5.501 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU059934.D
Acq: 12 Jul 2024 20:09

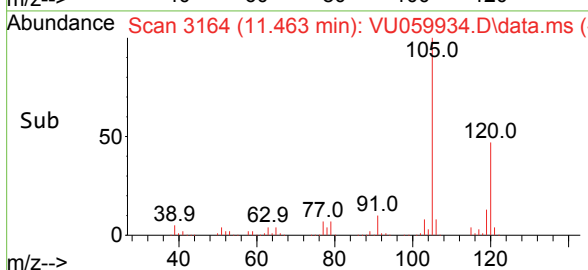
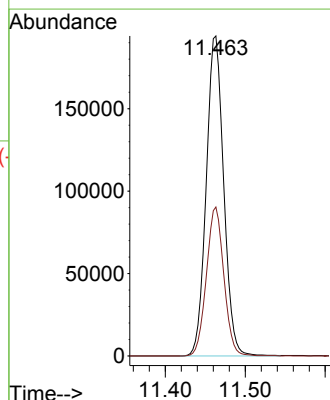
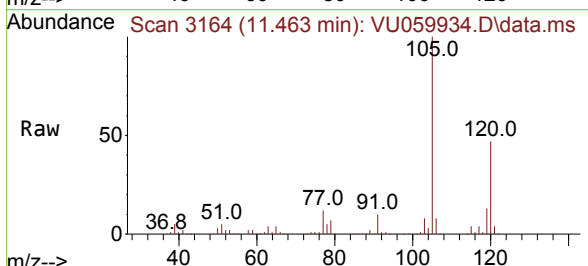
Instrument :
MSVOA_U
ClientSampleId :

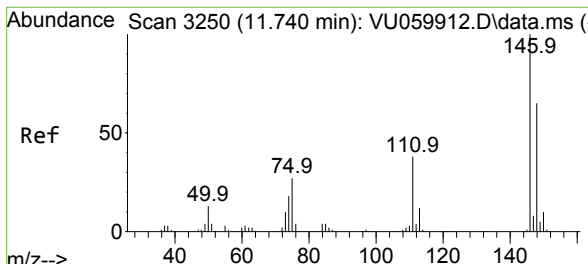
Tgt Ion:105 Resp: 296506
Ion Ratio Lower Upper
105 100
120 49.1 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 5.735 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU059934.D
Acq: 12 Jul 2024 20:09

Tgt Ion:105 Resp: 295538
Ion Ratio Lower Upper
105 100
120 46.5 35.4 53.0



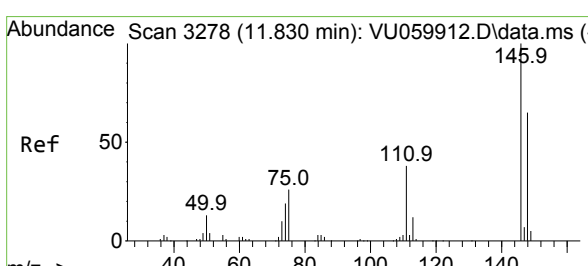
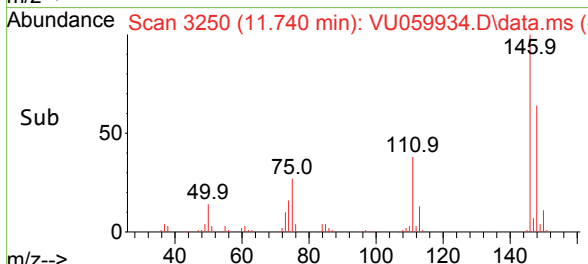
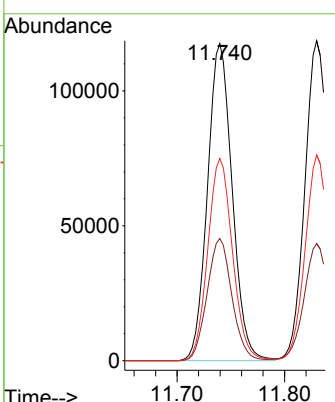
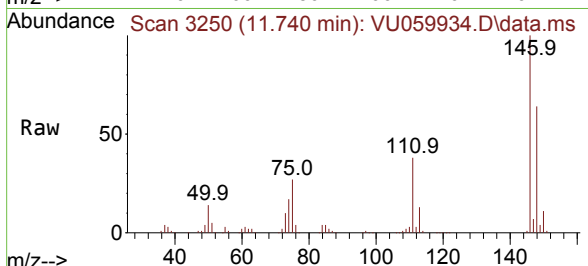


#64
 1,3-Dichlorobenzene
 Concen: 5.419 ug/L
 RT: 11.740 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU059934.D
 Acq: 12 Jul 2024 20:09

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:146 Resp: 187535

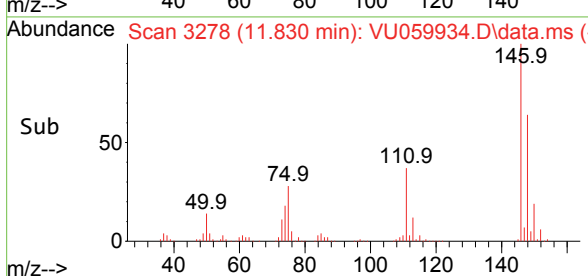
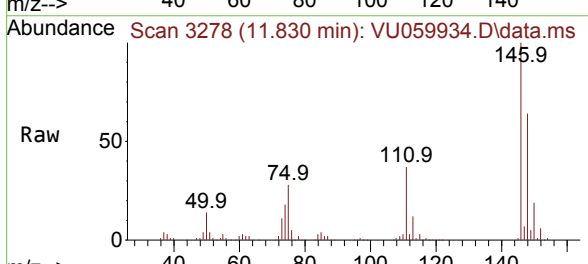
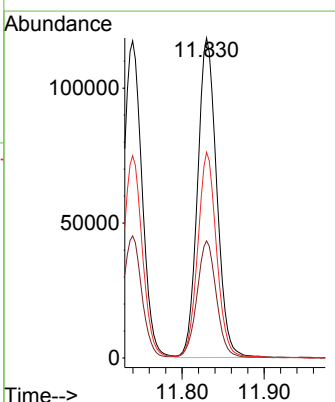
Ion	Ratio	Lower	Upper
146	100		
111	38.5	27.4	51.0
148	63.8	45.0	83.6

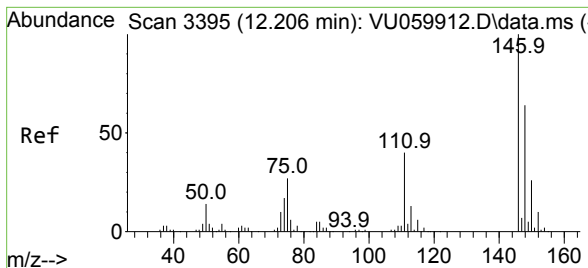


#65
 1,4-Dichlorobenzene
 Concen: 5.385 ug/L
 RT: 11.830 min Scan# 3278
 Delta R.T. 0.000 min
 Lab File: VU059934.D
 Acq: 12 Jul 2024 20:09

Tgt Ion:146 Resp: 191814

Ion	Ratio	Lower	Upper
146	100		
111	36.6	26.9	50.1
148	64.3	45.3	84.1





#67

1,2-Dichlorobenzene

Concen: 5.531 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU059934.D

Acq: 12 Jul 2024 20:09

Instrument :

MSVOA_U

ClientSampleId :

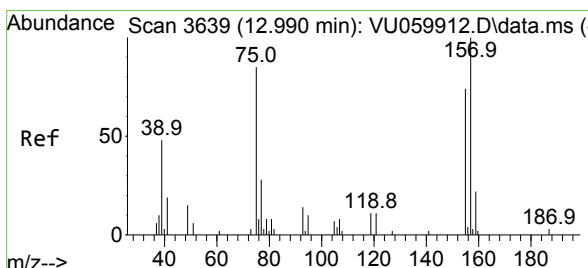
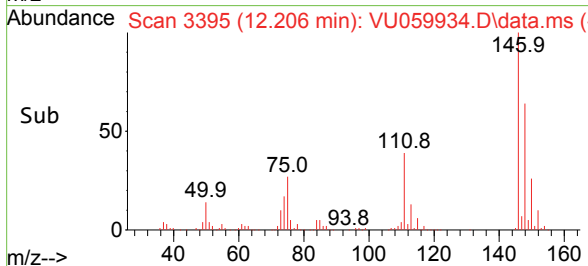
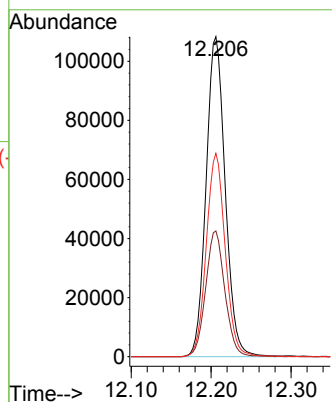
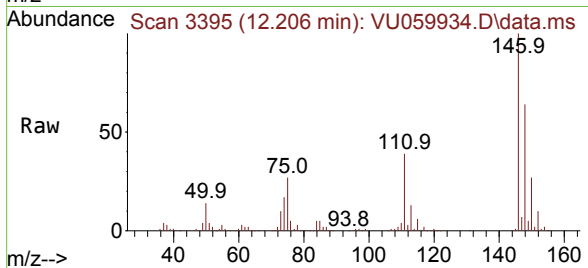
Tgt Ion:146 Resp: 180120

Ion Ratio Lower Upper

146 100

111 39.3 33.4 50.0

148 63.5 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.752 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU059934.D

Acq: 12 Jul 2024 20:09

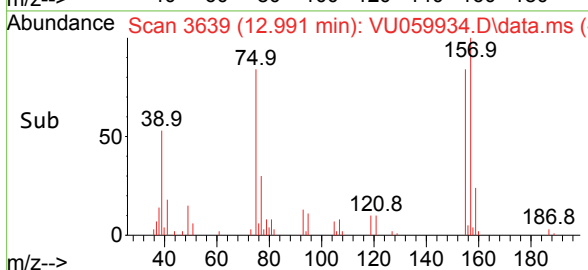
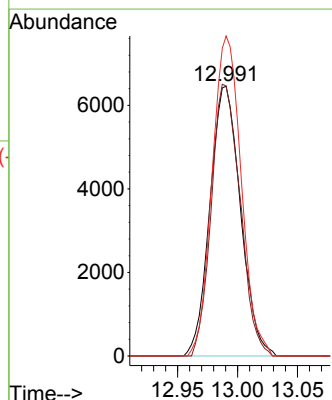
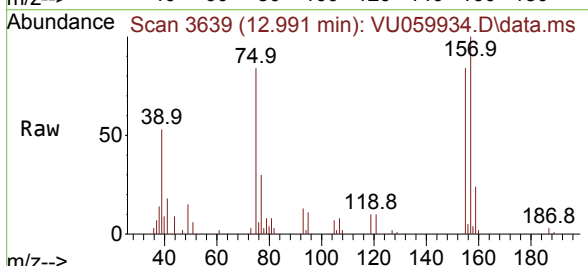
Tgt Ion: 75 Resp: 11420

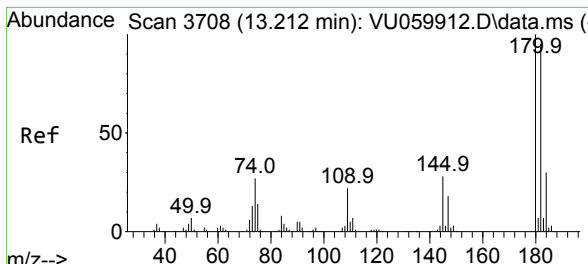
Ion Ratio Lower Upper

75 100

155 100.1 58.2 87.2#

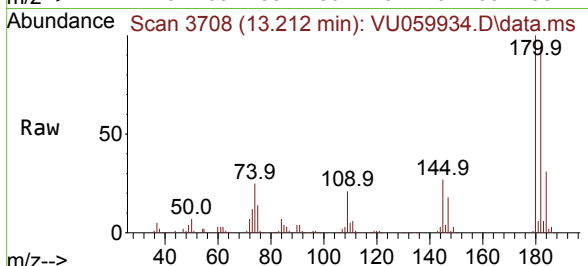
157 118.6 80.0 120.0



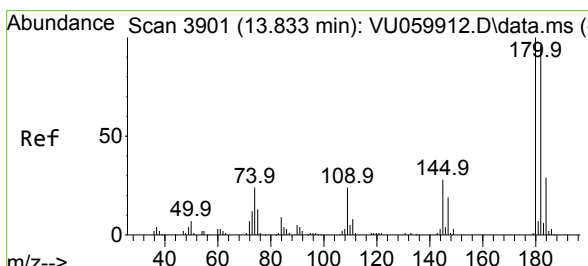
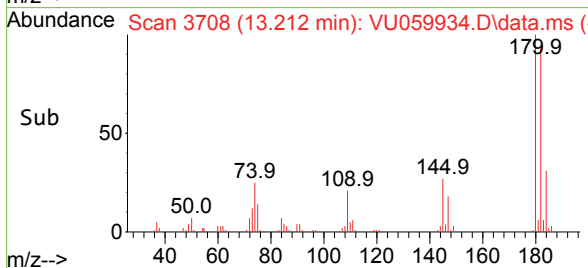
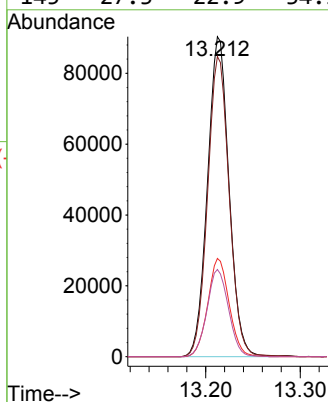


#69
 1,3,5-Trichlorobenzene
 Concen: 5.565 ug/L
 RT: 13.212 min Scan# 3708
 Delta R.T. 0.000 min
 Lab File: VU059934.D
 Acq: 12 Jul 2024 20:09

Instrument :
 MSVOA_U
 ClientSampleId :

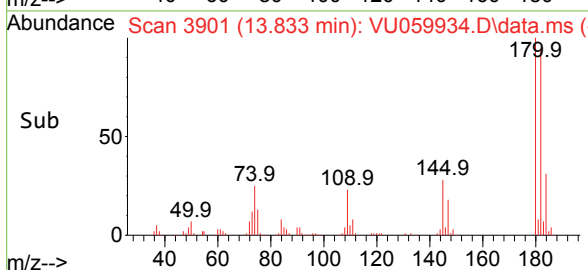
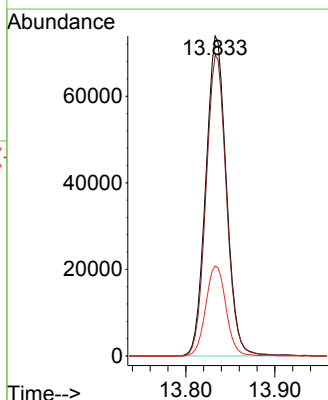
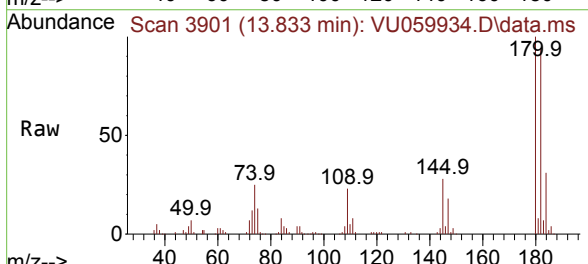


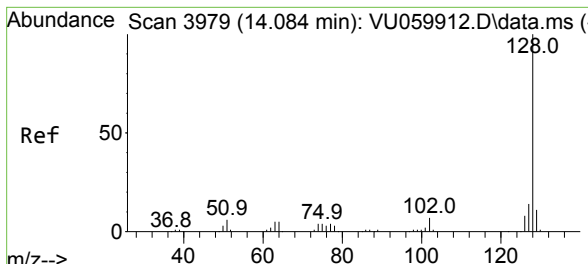
Tgt Ion:	180	Resp:	142564
Ion Ratio	Lower	Upper	
180	100		
182	94.3	75.4	113.0
184	30.6	23.0	34.6
145	27.3	22.9	34.3



#70
 1,2,4-trichlorobenzene
 Concen: 6.026 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. 0.000 min
 Lab File: VU059934.D
 Acq: 12 Jul 2024 20:09

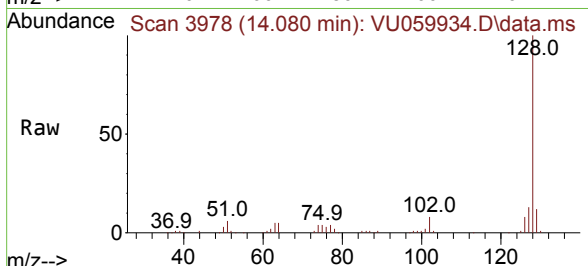
Tgt Ion:	180	Resp:	118414
Ion Ratio	Lower	Upper	
180	100		
182	93.7	74.9	112.3
145	27.6	23.9	35.9



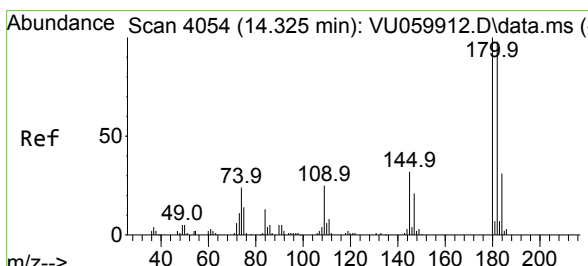
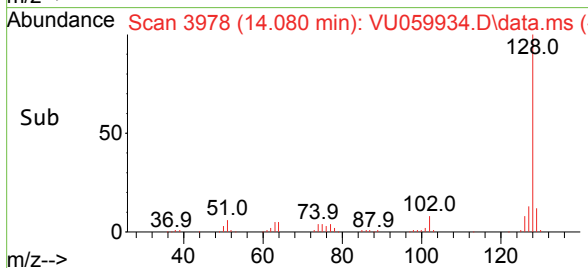
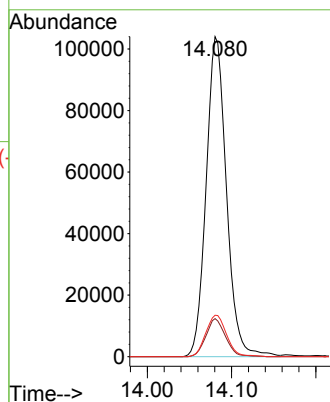


#71
Naphthalene
Concen: 6.207 ug/L
RT: 14.080 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU059934.D
Acq: 12 Jul 2024 20:09

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 174574
Ion Ratio Lower Upper
128 100
129 11.5 8.2 12.4
127 13.3 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.848 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VU059934.D
Acq: 12 Jul 2024 20:09

Tgt Ion:180 Resp: 106704
Ion Ratio Lower Upper
180 100
182 96.8 77.0 115.6
145 31.3 26.2 39.4

