

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060624\
 Data File : VU059175.D
 Acq On : 06 Jun 2024 19:05
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 07 05:11:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 07 05:05:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	212026	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	216117	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	111127	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	73155	57.625	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 115.260%	
7) Chloroethane-d5	1.907	69	60922	56.022	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 112.040%	
11) 1,1-Dichloroethene-d2	2.563	63	131885	52.632	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 105.260%	
21) 2-Butanone-d5	4.611	46	106109	88.677	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 88.680%	
24) Chloroform-d	5.055	84	128461	50.831	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 101.660%	
26) 1,2-Dichloroethane-d4	5.695	65	78816	50.883	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 101.760%	
32) Benzene-d6	5.721	84	254750	51.359	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 102.720%	
36) 1,2-Dichloropropane-d6	6.682	67	84167	49.213	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 98.420%	
41) Toluene-d8	7.891	98	230147	54.657	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 109.320%	
43) trans-1,3-Dichloroprop...	8.174	79	34810	50.353	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 100.700%	
47) 2-Hexanone-d5	8.624	63	67365	85.177	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 85.180%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	121776	42.071	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 84.140%	
66) 1,2-Dichlorobenzene-d4	12.187	152	80306	48.424	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 96.840%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	104841	48.802	ug/L	98
3) Chloromethane	1.518	50	119778	48.242	ug/L	99
5) Vinyl chloride	1.602	62	126699	51.932	ug/L	99
6) Bromomethane	1.850	94	75571	38.718	ug/L	96
8) Chloroethane	1.927	64	77547	50.972	ug/L	100
9) Trichlorofluoromethane	2.132	101	143540	50.560	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	87235	52.812	ug/L	98
12) 1,1-Dichloroethene	2.573	96	80978	54.051	ug/L	93
13) Acetone	2.615	43	105408	74.945	ug/L	99
14) Carbon disulfide	2.785	76	255217	50.582	ug/L	99
15) Methyl Acetate	2.940	43	115744	51.953	ug/L	100
16) Methylene chloride	3.036	84	102691	50.658	ug/L	95
17) trans-1,2-Dichloroethene	3.345	96	85096	52.625	ug/L	96
18) Methyl tert-butyl Ether	3.351	73	264437	50.344	ug/L	99
19) 1,1-Dichloroethane	3.859	63	179381	51.754	ug/L	98
20) cis-1,2-Dichloroethene	4.656	96	94573	51.325	ug/L	94
22) 2-Butanone	4.689	43	163472	96.003	ug/L	99
23) Bromochloromethane	4.965	128	49268	52.785	ug/L	95
25) Chloroform	5.078	83	178447	53.171	ug/L	98

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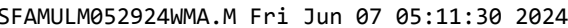
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 ClientSampleId :

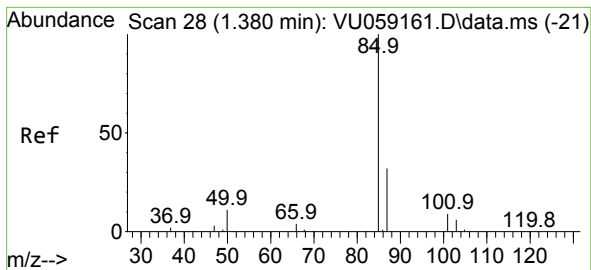
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	141368	49.862	ug/L	100
29) Cyclohexane	5.380	56	137758	47.745	ug/L	98
30) 1,1,1-Trichloroethane	5.306	97	141910	50.503	ug/L	99
31) Carbon tetrachloride	5.518	117	117002	51.262	ug/L	99
33) Benzene	5.766	78	394453	50.546	ug/L	100
34) Trichloroethene	6.534	95	98566	51.583	ug/L	99
35) Methylcyclohexane	6.756	83	140685	50.074	ug/L	98
37) 1,2-Dichloropropane	6.782	63	111640	50.380	ug/L	100
38) Bromodichloromethane	7.097	83	131554	50.965	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	153691	50.127	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	304377	104.772	ug/L	99
42) Toluene	7.962	91	412517	52.662	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	140366	50.570	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	103362	51.878	ug/L	99
46) Tetrachloroethene	8.547	164	67066	52.692	ug/L	91
48) 2-Hexanone	8.676	43	241701	98.647	ug/L	98
49) Dibromochloromethane	8.801	129	97194	53.979	ug/L	97
50) 1,2-Dibromoethane	8.917	107	106350	51.746	ug/L	99
51) Chlorobenzene	9.441	112	246630	52.166	ug/L	99
52) Ethylbenzene	9.566	91	425558	52.696	ug/L	100
53) m,p-Xylene	9.688	106	158677	53.462	ug/L	99
54) o-Xylene	10.094	106	154729	53.792	ug/L	96
55) Styrene	10.110	104	272514	55.737	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	180682	49.782	ug/L	98
59) Bromoform	10.283	173	76090	52.222	ug/L	98
60) 1,2,3-Trichloropropane	10.817	75	144050	46.613	ug/L	99
61) Isopropylbenzene	10.479	105	401332	51.334	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	287226	50.706	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	321831	52.411	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	183598	50.246	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	189637	50.252	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	183357	48.011	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.991	75	39986	51.039	ug/L	93
69) 1,3,5-Trichlorobenzene	13.216	180	117743	48.791	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	98070	50.882	ug/L	97
71) Naphthalene	14.084	128	284497	46.633	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	103472	52.805	ug/L	99

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

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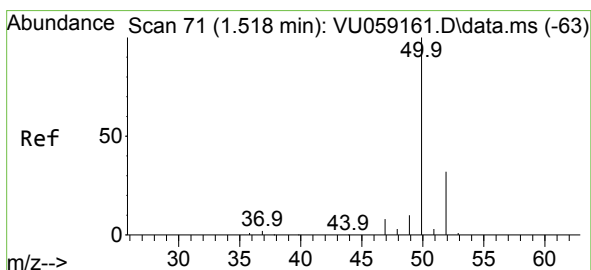
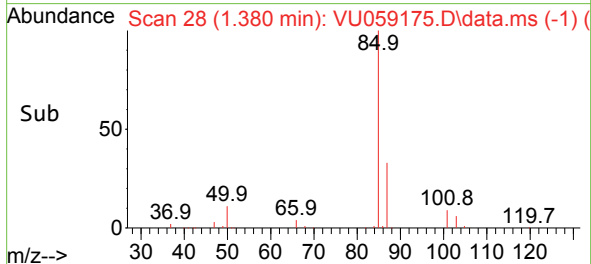
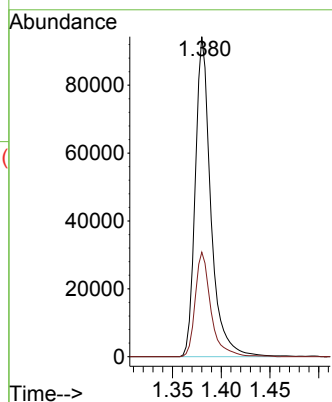
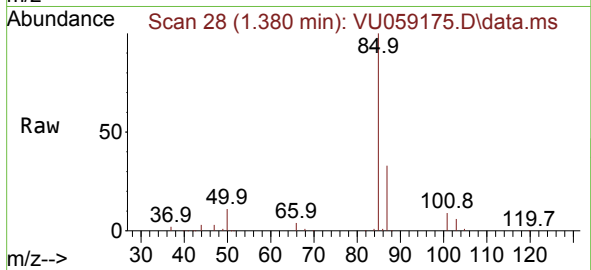




#2
 Dichlorodifluoromethane
 Concen: 48.802 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VU059175.D
 Acq: 06 Jun 2024 19:05

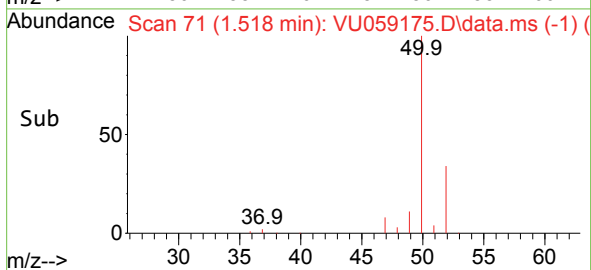
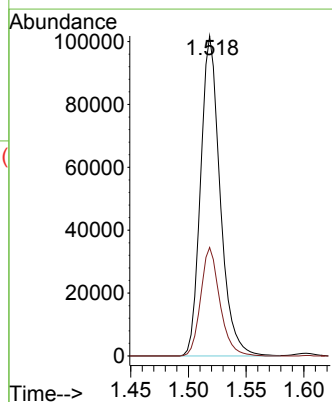
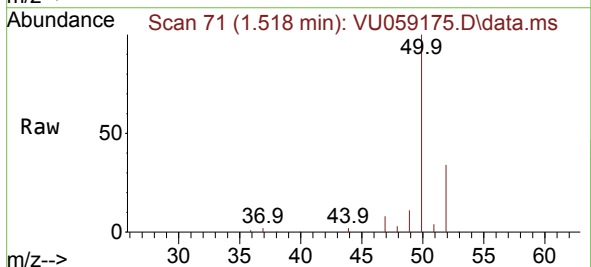
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 MSVOA_U
 ClientSampleId :

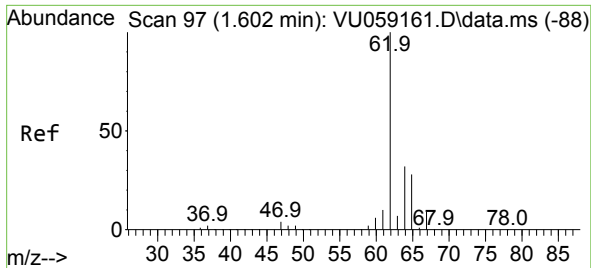
Tgt Ion: 85 Resp: 104841
 Ion Ratio Lower Upper
 85 100
 87 33.0 25.4 38.2



#3
 Chloromethane
 Concen: 48.242 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU059175.D
 Acq: 06 Jun 2024 19:05

Tgt Ion: 50 Resp: 119778
 Ion Ratio Lower Upper
 50 100
 52 33.9 23.2 43.2

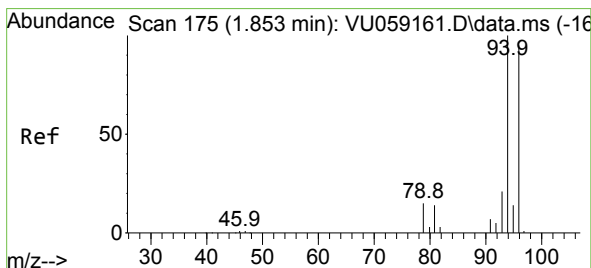
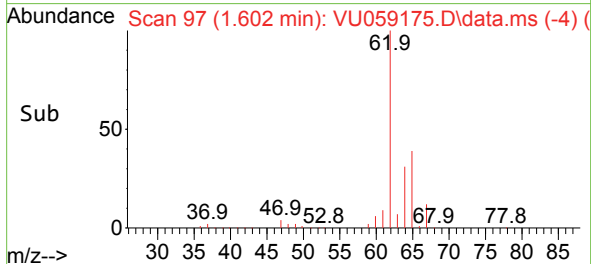
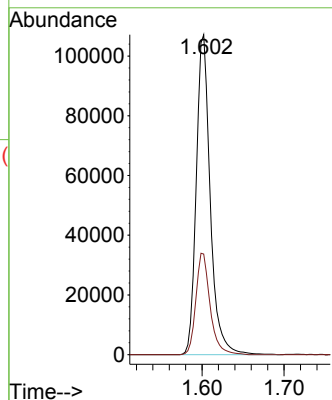
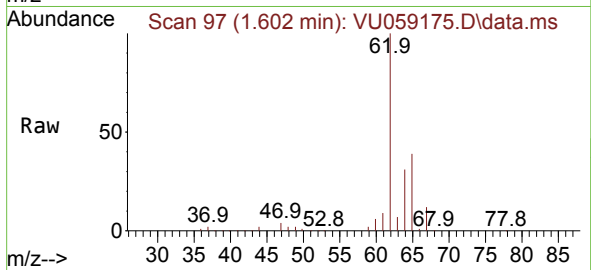




#5
 Vinyl chloride
 Concen: 51.932 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU059175.D
 Acq: 06 Jun 2024 19:05

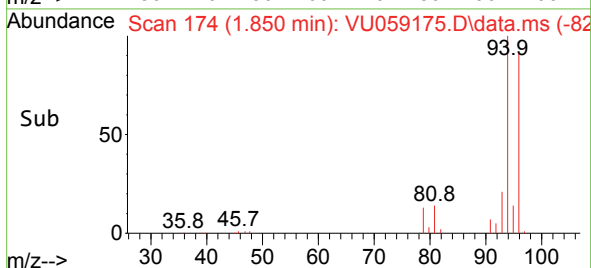
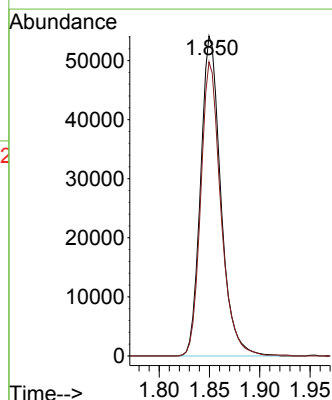
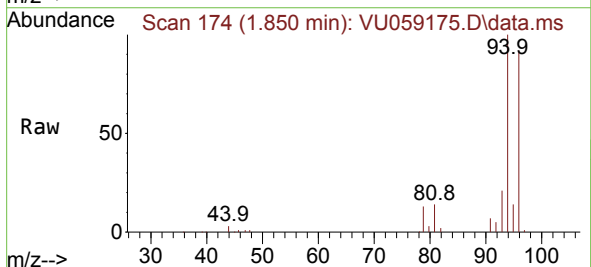
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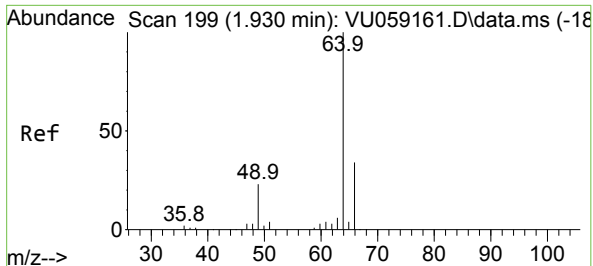
Tgt Ion: 62 Resp: 126699
 Ion Ratio Lower Upper
 62 100
 64 31.4 22.5 41.7



#6
 Bromomethane
 Concen: 38.718 ug/L
 RT: 1.850 min Scan# 174
 Delta R.T. -0.003 min
 Lab File: VU059175.D
 Acq: 06 Jun 2024 19:05

Tgt Ion: 94 Resp: 75571
 Ion Ratio Lower Upper
 94 100
 96 91.9 67.1 124.7

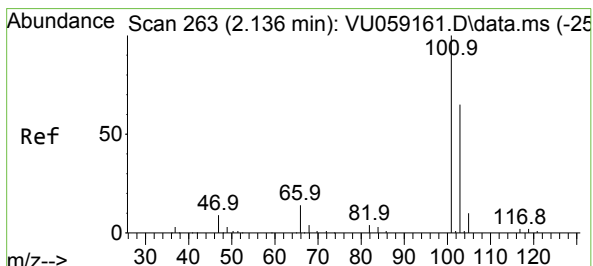
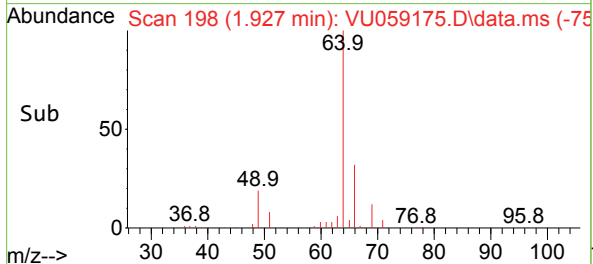
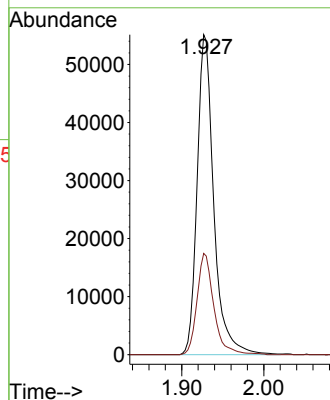
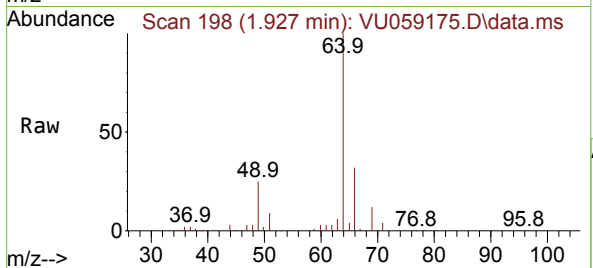




#8
Chloroethane
Concen: 50.972 ug/L
RT: 1.927 min Scan# 19
Delta R.T. -0.003 min
Lab File: VU059175.D
Acq: 06 Jun 2024 19:05

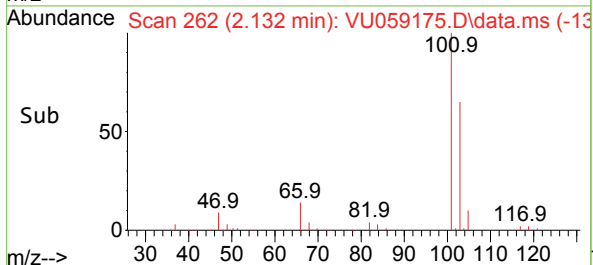
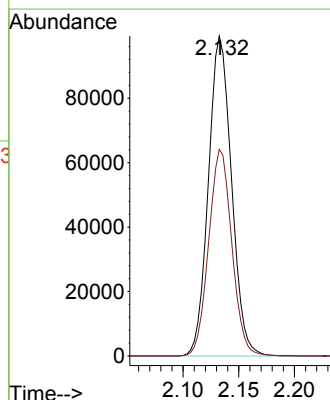
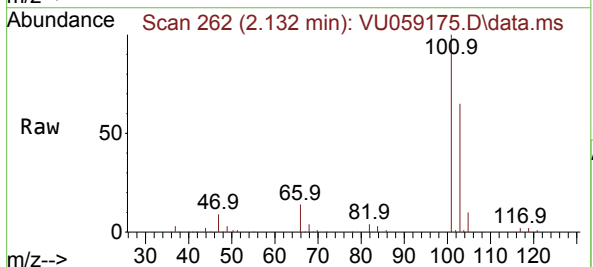
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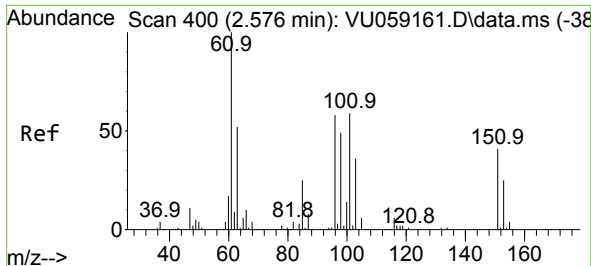
Tgt Ion: 64 Resp: 77547
Ion Ratio Lower Upper
64 100
66 31.6 22.1 41.1



#9
Trichlorofluoromethane
Concen: 50.560 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.003 min
Lab File: VU059175.D
Acq: 06 Jun 2024 19:05

Tgt Ion:101 Resp: 143540
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.6

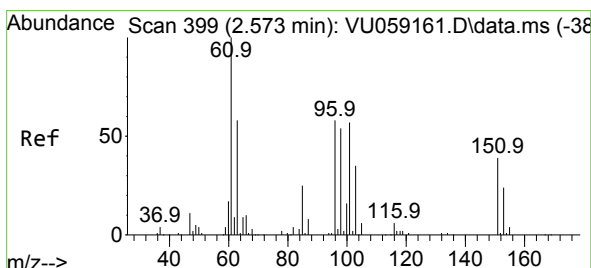
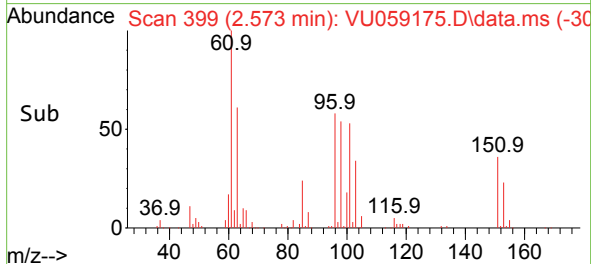
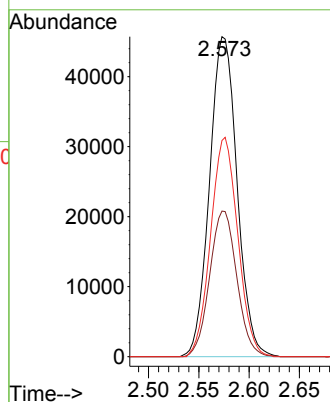
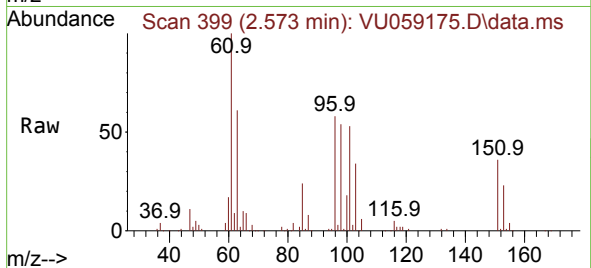




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 52.812 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU059175.D
Acq: 06 Jun 2024 19:05

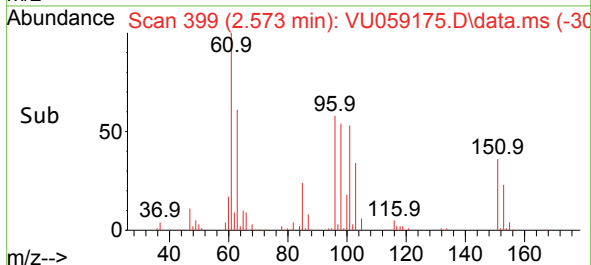
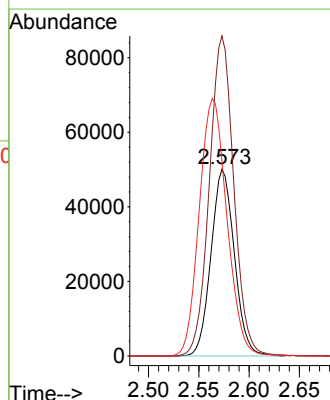
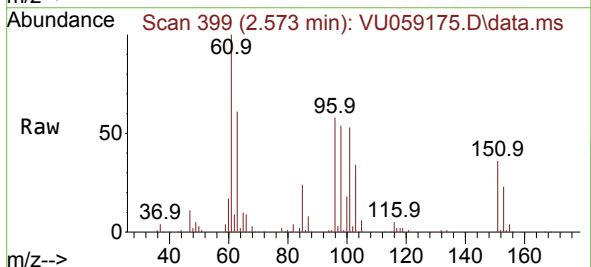
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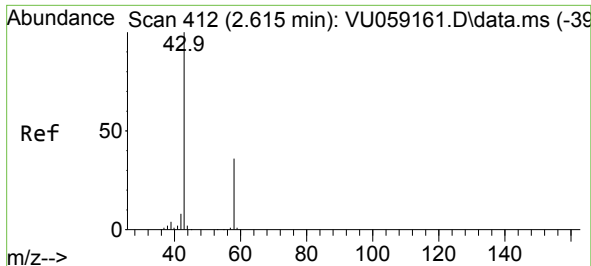
Tgt Ion:101 Resp: 87235
Ion Ratio Lower Upper
101 100
85 44.9 36.7 55.1
151 67.6 52.2 78.2



#12
1,1-Dichloroethene
Concen: 54.051 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU059175.D
Acq: 06 Jun 2024 19:05

Tgt Ion: 96 Resp: 80978
Ion Ratio Lower Upper
96 100
61 171.4 126.3 234.6
63 104.4 78.7 146.1





#13

Acetone

Concen: 74.945 ug/L

RT: 2.615 min Scan# 41

Delta R.T. -0.000 min

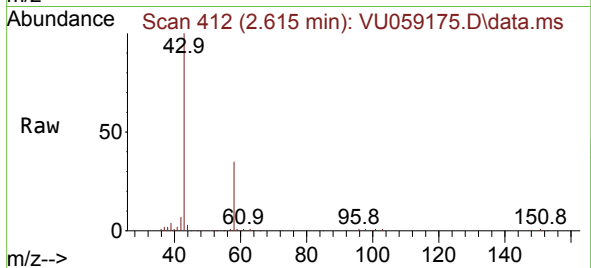
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Instrument :

MSVOA_U

ClientSampleId :

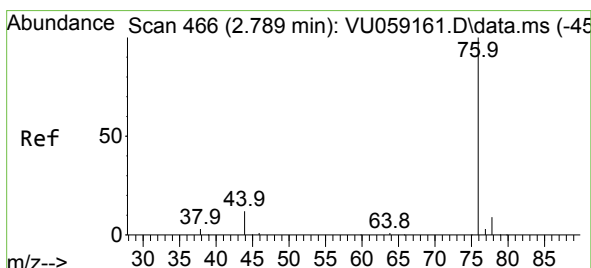
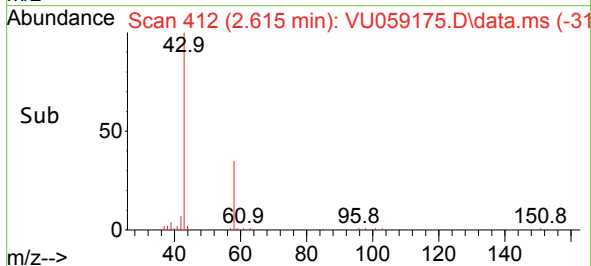
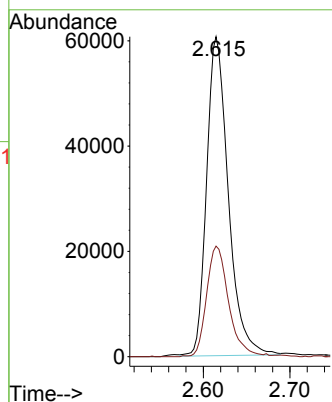


Tgt Ion: 43 Resp: 105408

Ion Ratio Lower Upper

43 100

58 35.0 0.0 68.8



#14

Carbon disulfide

Concen: 50.582 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU059175.D

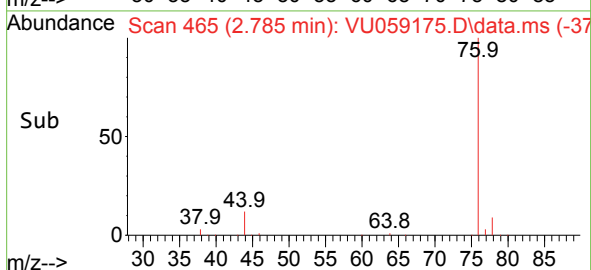
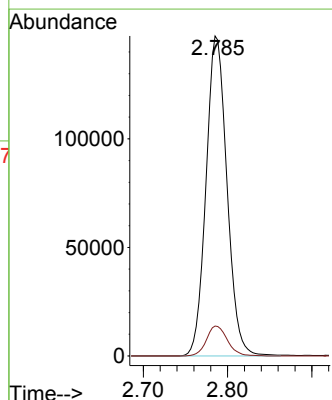
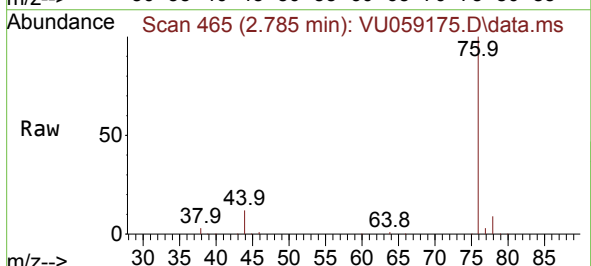
Acq: 06 Jun 2024 19:05

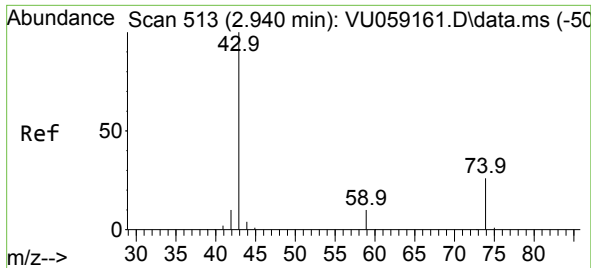
Tgt Ion: 76 Resp: 255217

Ion Ratio Lower Upper

76 100

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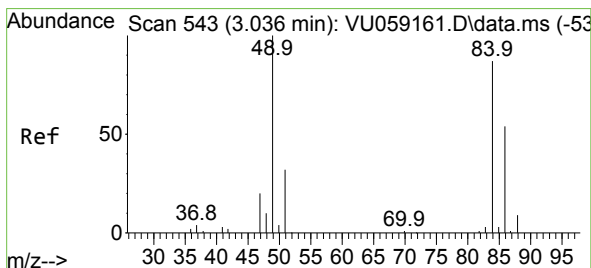
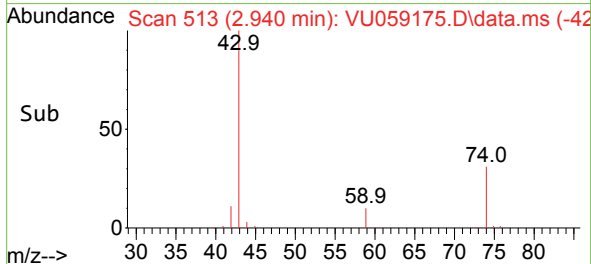
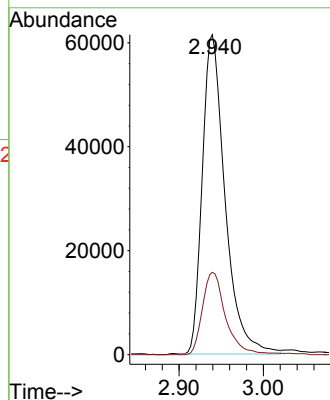
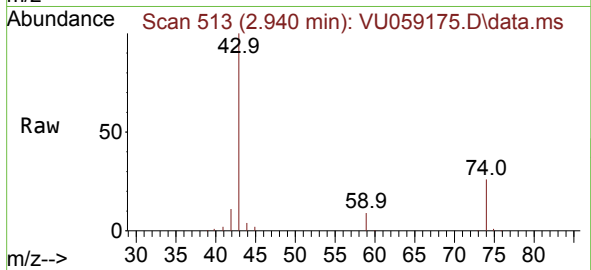




#15
Methyl Acetate
Concen: 51.953 ug/L
RT: 2.940 min Scan# 513
Delta R.T. -0.000 min
Lab File: VU059175.D
Acq: 06 Jun 2024 19:05

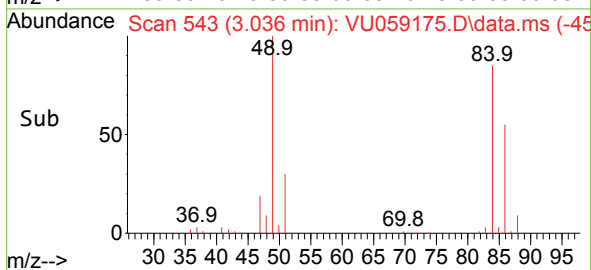
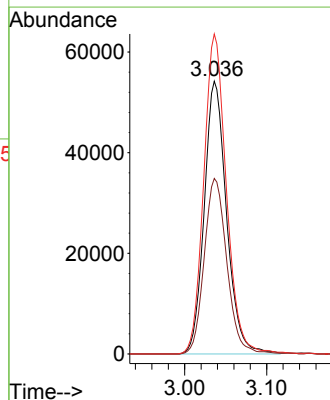
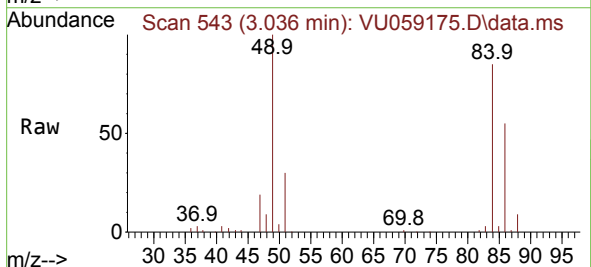
Instrument :
MSVOA_U
ClientSampleId :

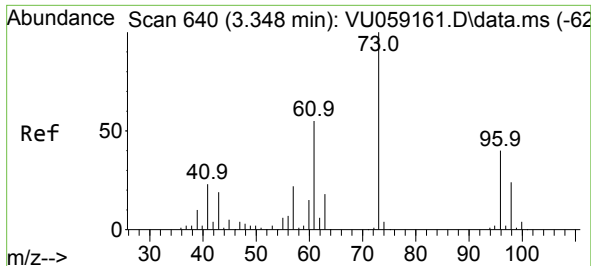
Tgt Ion: 43 Resp: 115744
Ion Ratio Lower Upper
43 100
74 26.1 20.8 31.2



#16
Methylene chloride
Concen: 50.658 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.000 min
Lab File: VU059175.D
Acq: 06 Jun 2024 19:05

Tgt Ion: 84 Resp: 102691
Ion Ratio Lower Upper
84 100
86 64.3 44.9 83.3
49 117.3 87.5 162.5

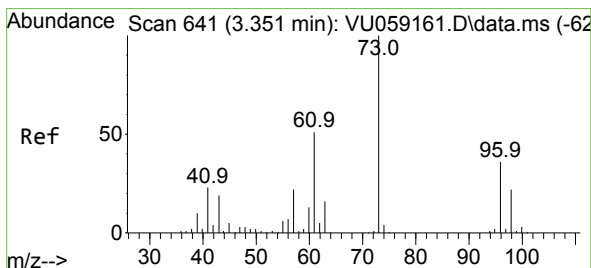
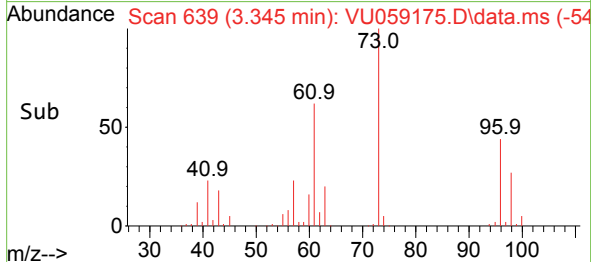
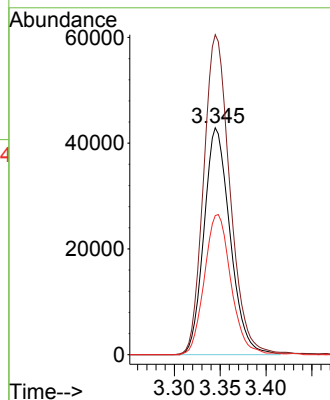
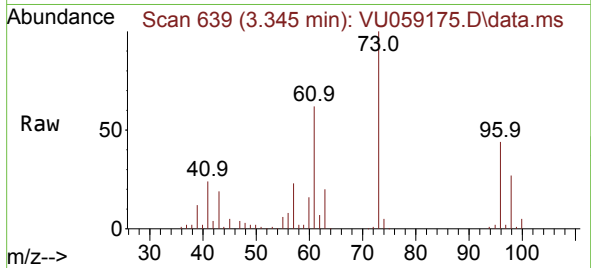




#17
trans-1,2-Dichloroethene
Concen: 52.625 ug/L
RT: 3.345 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU059175.D
Acq: 06 Jun 2024 19:05

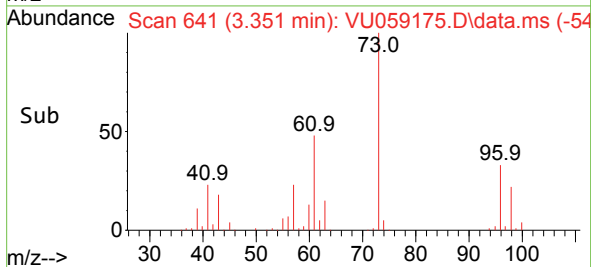
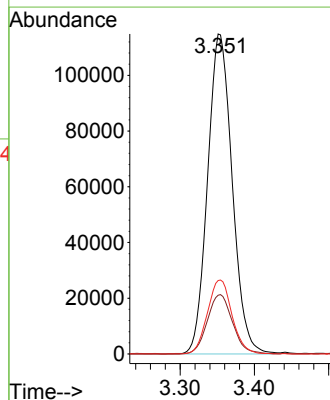
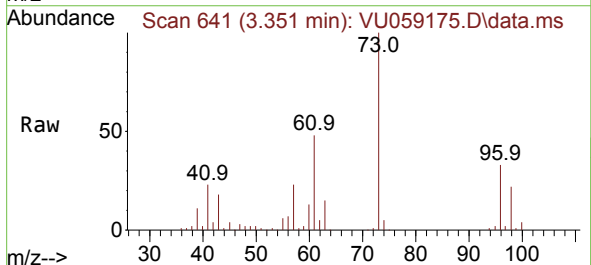
Instrument :
MSVOA_U
ClientSampleId :

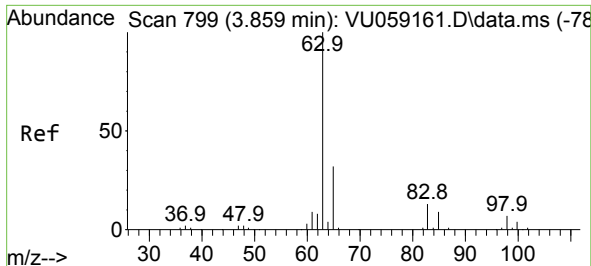
Tgt Ion: 96 Resp: 85096
Ion Ratio Lower Upper
96 100
61 141.1 103.5 192.3
98 61.3 42.4 78.6



#18
Methyl tert-butyl Ether
Concen: 50.344 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU059175.D
Acq: 06 Jun 2024 19:05

Tgt Ion: 73 Resp: 264437
Ion Ratio Lower Upper
73 100
43 19.0 15.6 23.4
57 23.1 18.6 28.0





#19

1,1-Dichloroethane

Concen: 51.754 ug/L

RT: 3.859 min Scan# 799

Delta R.T. -0.000 min

Lab File: VU059175.D

Acq: 06 Jun 2024 19:05

Instrument :

MSVOA_U

ClientSampleId :

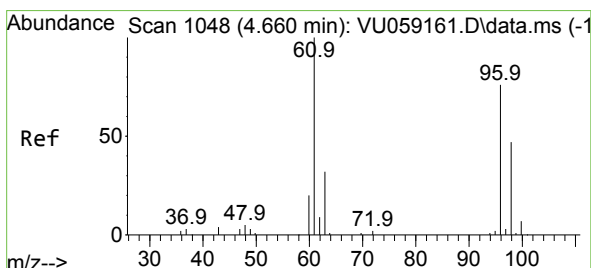
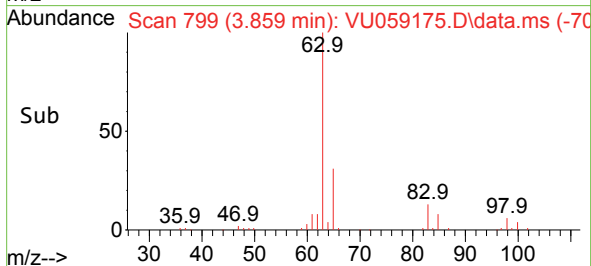
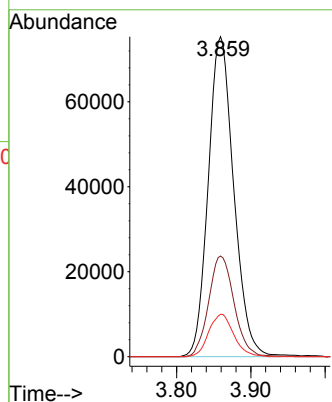
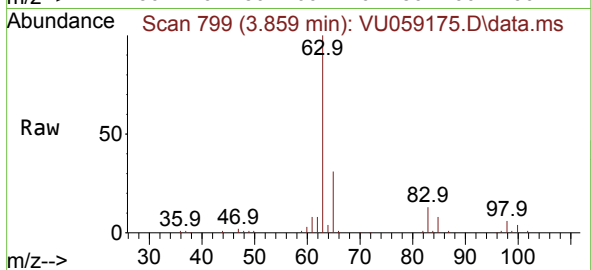
Tgt Ion: 63 Resp: 179381

Ion Ratio Lower Upper

63 100

65 31.5 21.3 39.5

83 13.3 8.8 16.3



#20

cis-1,2-Dichloroethene

Concen: 51.325 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. -0.003 min

Lab File: VU059175.D

Acq: 06 Jun 2024 19:05

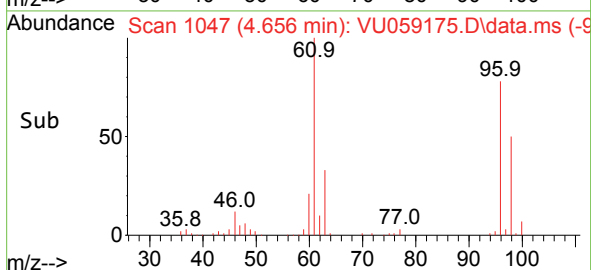
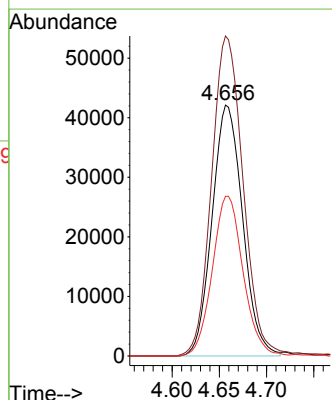
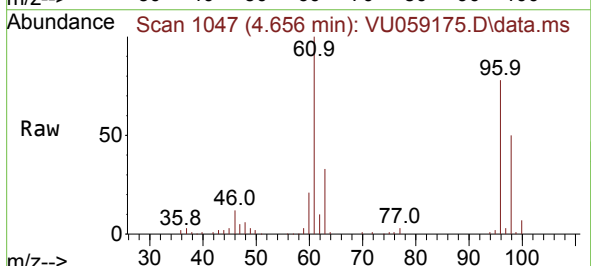
Tgt Ion: 96 Resp: 94573

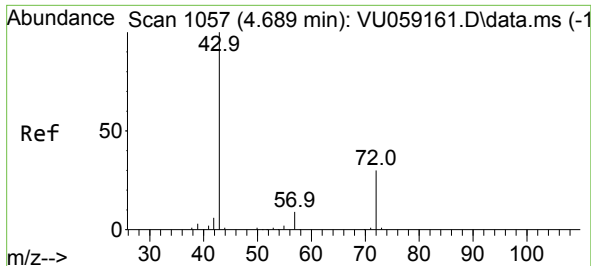
Ion Ratio Lower Upper

96 100

61 127.6 96.2 178.6

98 63.7 45.6 84.6

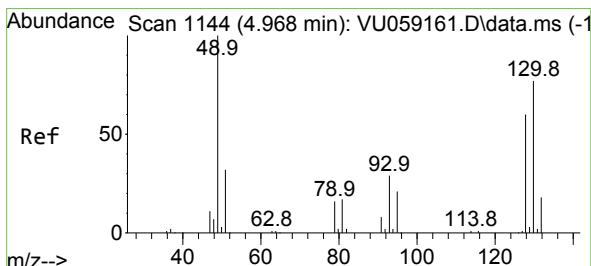
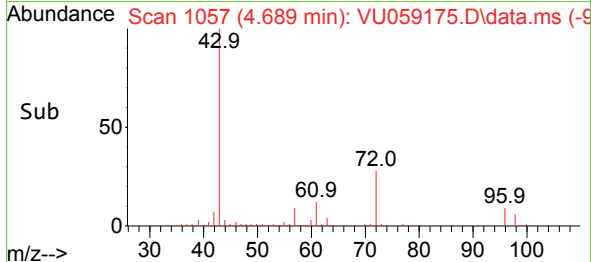
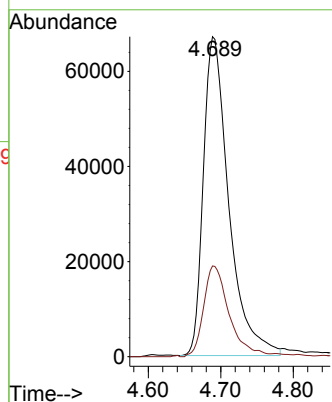
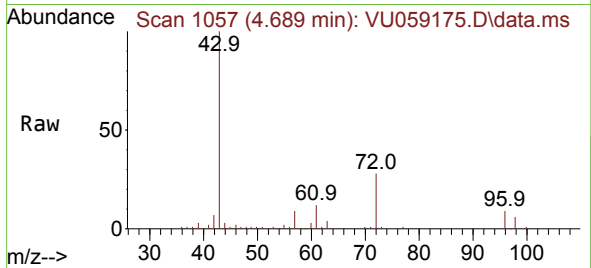




#22
2-Butanone
Concen: 96.003 ug/L
RT: 4.689 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VU059175.D
Acq: 06 Jun 2024 19:05

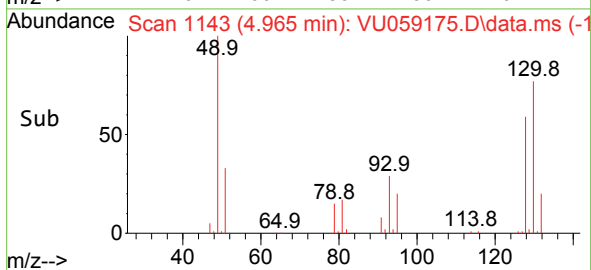
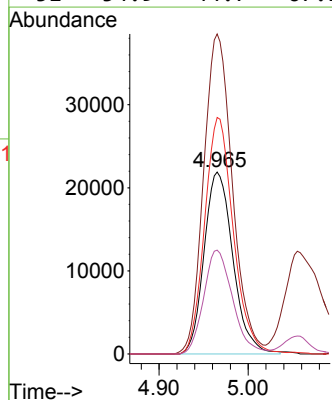
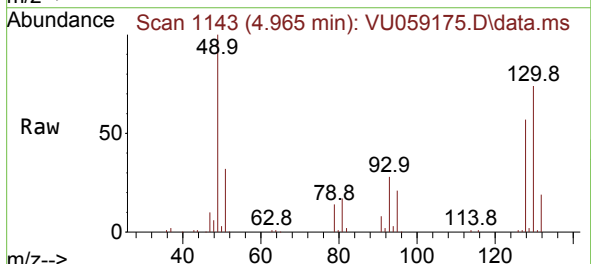
Instrument :
MSVOA_U
ClientSampleId :

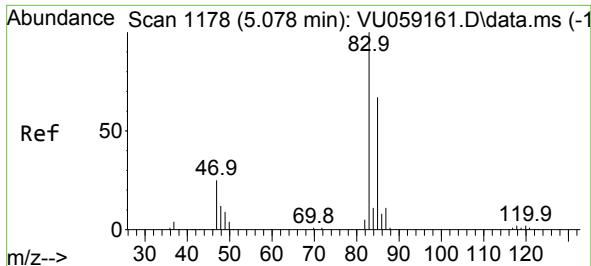
Tgt Ion: 43 Resp: 163472
Ion Ratio Lower Upper
43 100
72 27.8 14.2 42.8



#23
Bromochloromethane
Concen: 52.785 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VU059175.D
Acq: 06 Jun 2024 19:05

Tgt Ion:128 Resp: 49268
Ion Ratio Lower Upper
128 100
49 169.3 128.4 238.4
130 125.1 86.9 161.3
51 54.9 44.7 67.1





#25

Chloroform

Concen: 53.171 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU059175.D

Acq: 06 Jun 2024 19:05

Instrument :

MSVOA_U

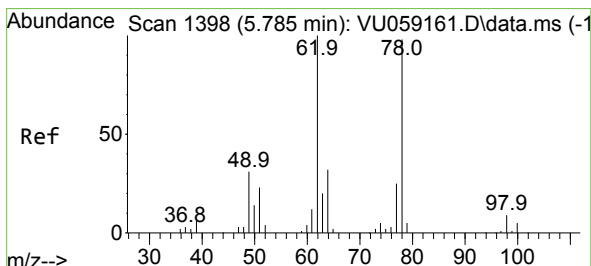
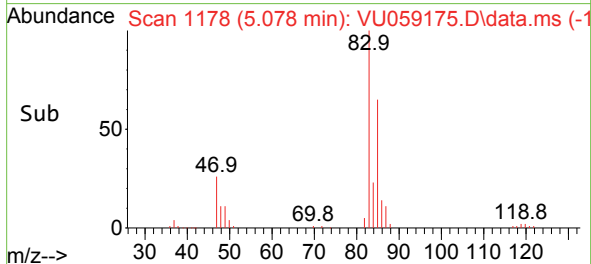
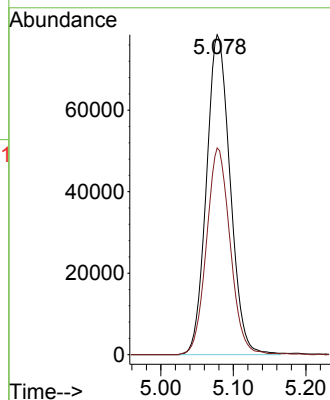
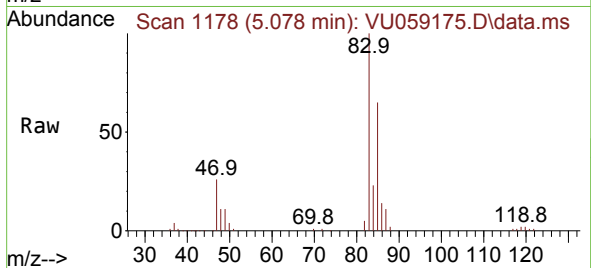
ClientSampleId :

Tgt Ion: 83 Resp: 178447

Ion Ratio Lower Upper

83 100

85 64.6 46.1 85.7



#27

1,2-Dichloroethane

Concen: 49.862 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU059175.D

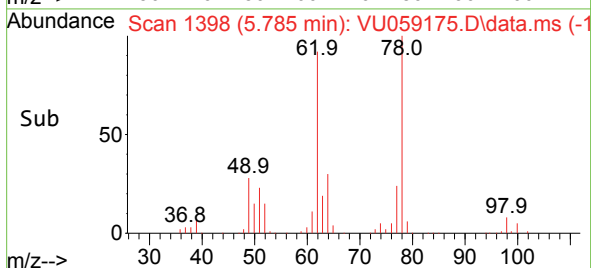
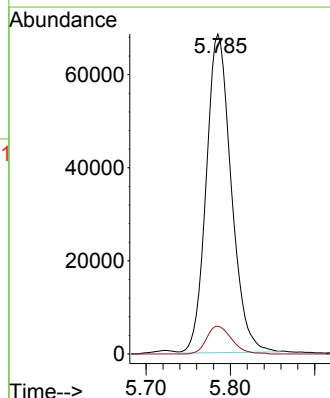
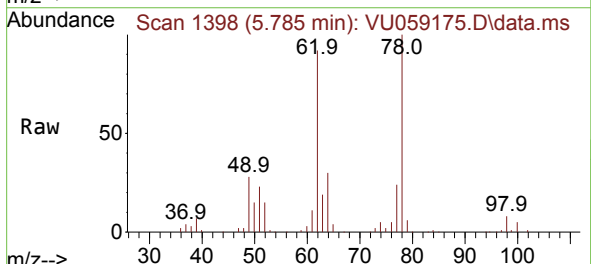
Acq: 06 Jun 2024 19:05

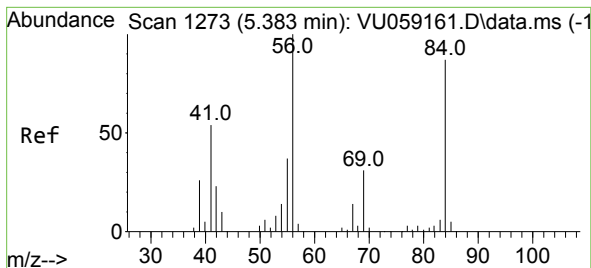
Tgt Ion: 62 Resp: 141368

Ion Ratio Lower Upper

62 100

98 8.7 6.9 10.3





#29

Cyclohexane

Concen: 47.745 ug/L

RT: 5.380 min Scan# 1273

Delta R.T. -0.003 min

Lab File: VU059175.D

Acq: 06 Jun 2024 19:05

Instrument :

MSVOA_U

ClientSampleId :

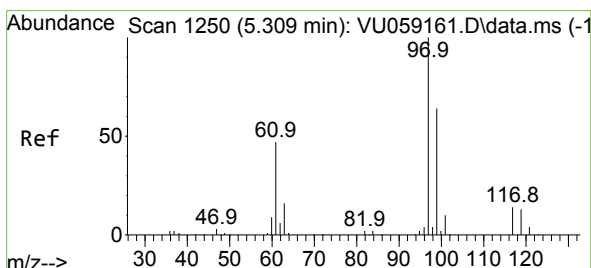
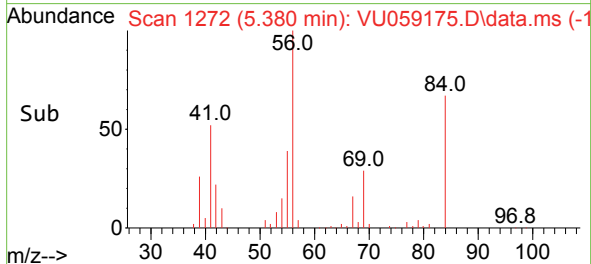
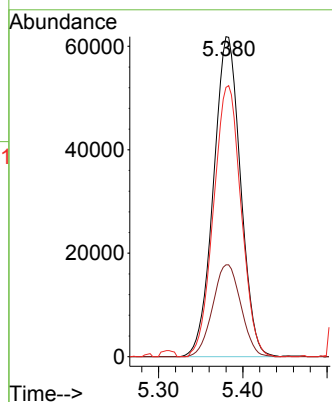
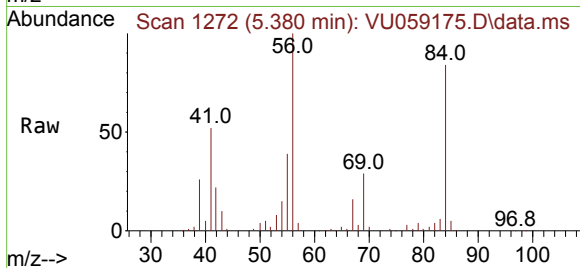
Tgt Ion: 56 Resp: 137758

Ion Ratio Lower Upper

56 100

69 29.9 24.6 37.0

84 86.2 67.4 101.0



#30

1,1,1-Trichloroethane

Concen: 50.503 ug/L

RT: 5.306 min Scan# 1249

Delta R.T. -0.003 min

Lab File: VU059175.D

Acq: 06 Jun 2024 19:05

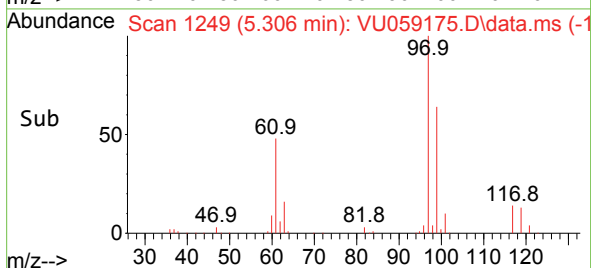
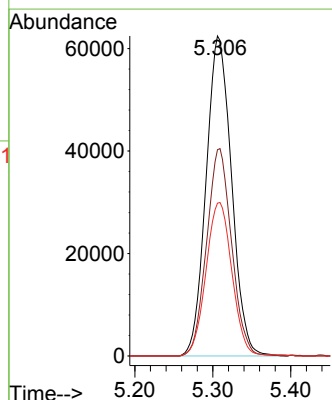
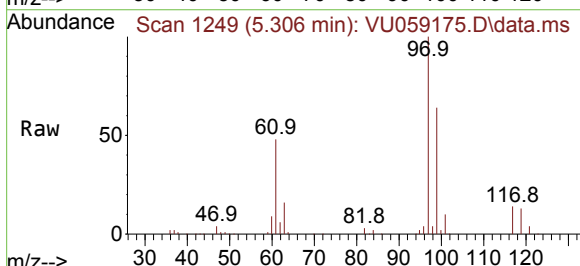
Tgt Ion: 97 Resp: 141910

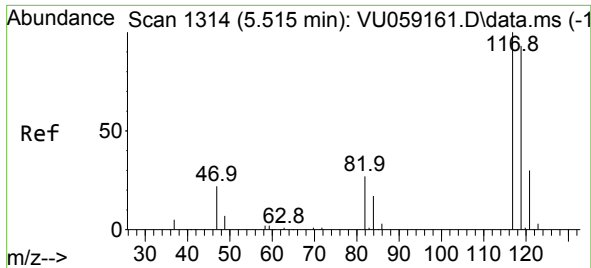
Ion Ratio Lower Upper

97 100

99 63.6 51.6 77.4

61 48.7 39.1 58.7

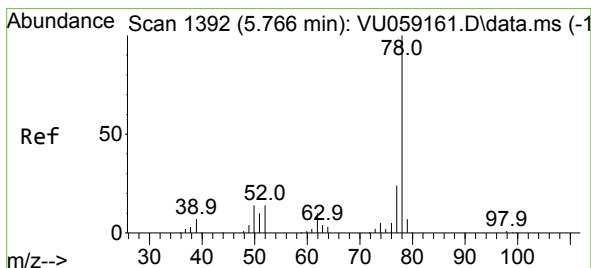
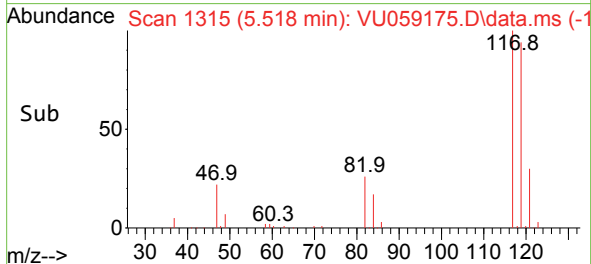
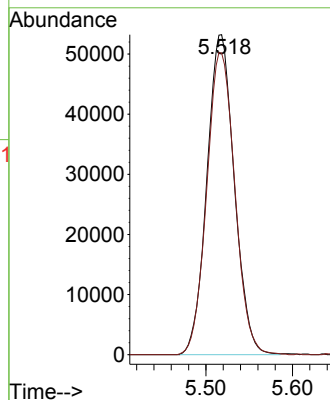
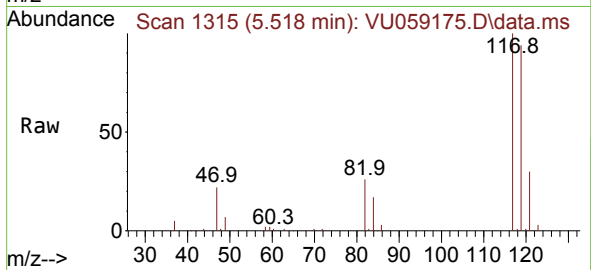




#31
Carbon tetrachloride
Concen: 51.262 ug/L
RT: 5.518 min Scan# 117
Delta R.T. 0.003 min
Lab File: VU059175.D
Acq: 06 Jun 2024 19:05

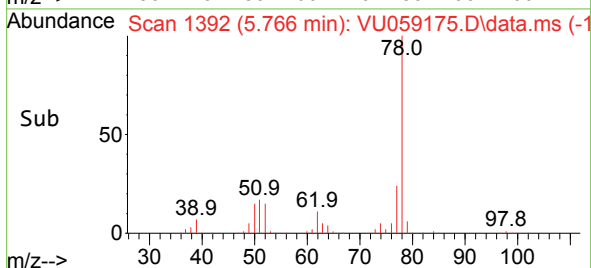
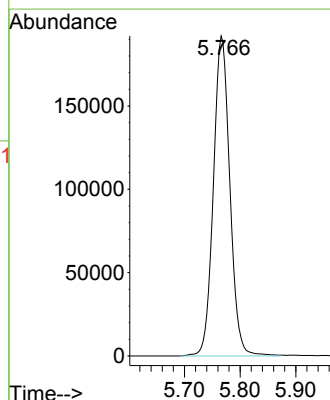
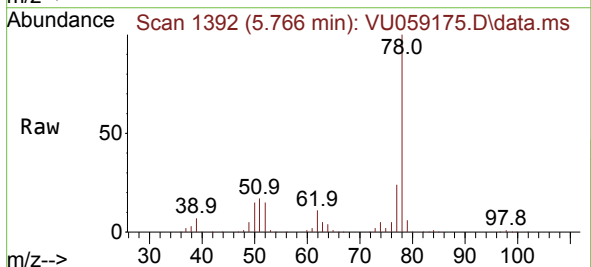
Instrument :
MSVOA_U
ClientSampleId :

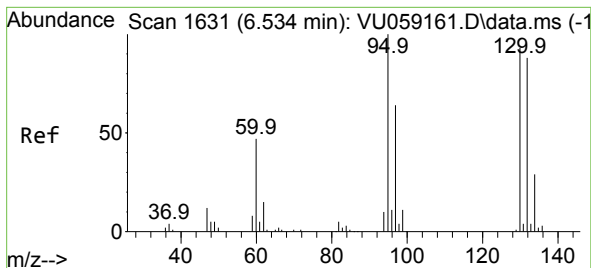
Tgt Ion:117 Resp: 117002
Ion Ratio Lower Upper
117 100
119 96.8 76.9 115.3



#33
Benzene
Concen: 50.546 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU059175.D
Acq: 06 Jun 2024 19:05

Tgt Ion: 78 Resp: 394453





#34

Trichloroethene

Concen: 51.583 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU059175.D

Acq: 06 Jun 2024 19:05

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 98566

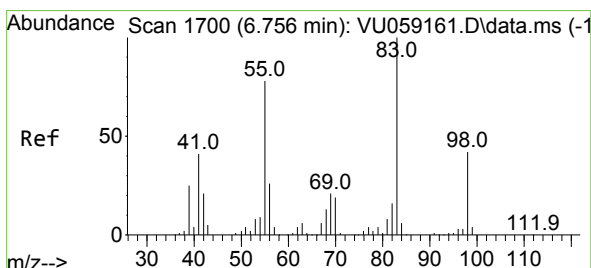
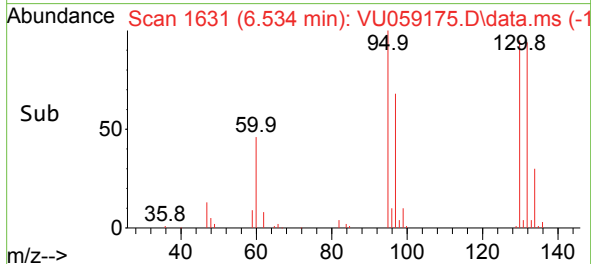
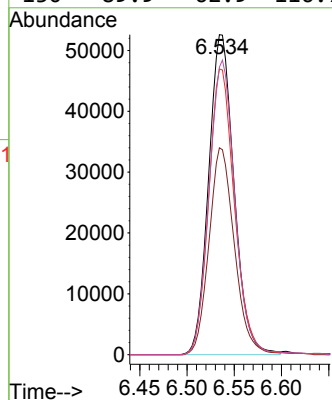
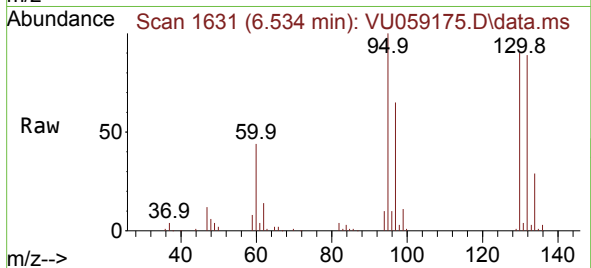
Ion Ratio Lower Upper

95 100

97 64.6 45.2 84.0

132 89.3 60.6 112.6

130 89.9 62.9 116.7



#35

Methylcyclohexane

Concen: 50.074 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VU059175.D

Acq: 06 Jun 2024 19:05

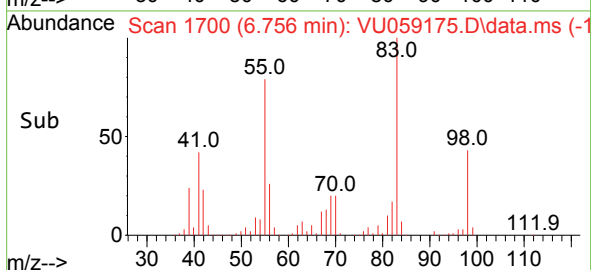
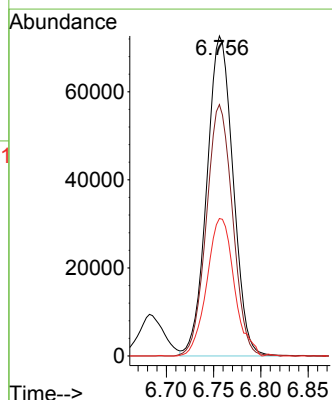
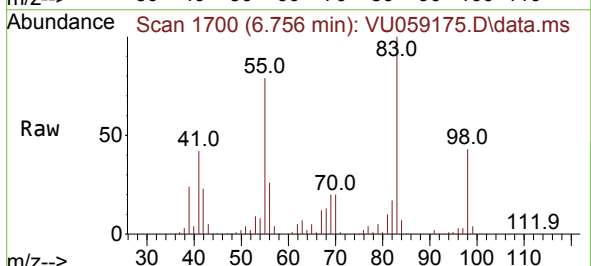
Tgt Ion: 83 Resp: 140685

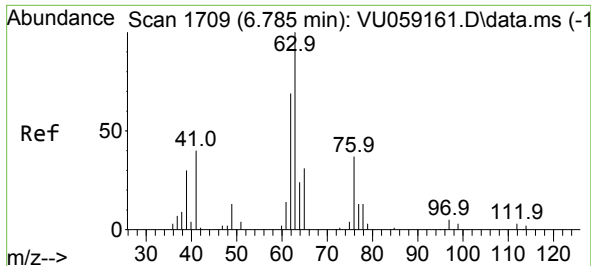
Ion Ratio Lower Upper

83 100

55 78.2 63.9 95.9

98 44.8 34.7 52.1





#37

1,2-Dichloropropane

Concen: 50.380 ug/L

RT: 6.782 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU059175.D

Acq: 06 Jun 2024 19:05

Instrument :

MSVOA_U

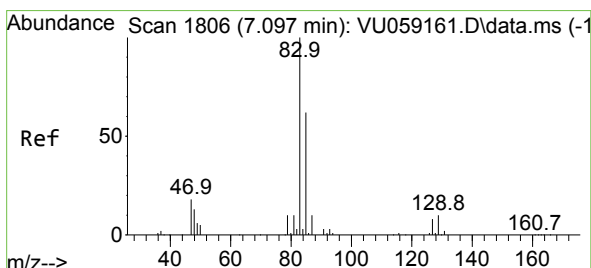
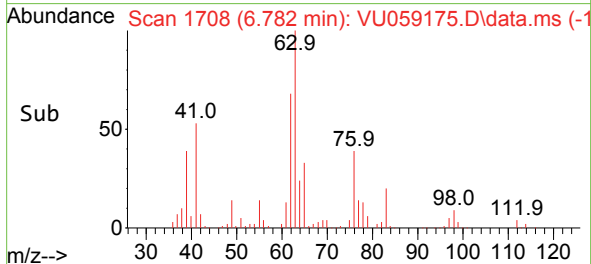
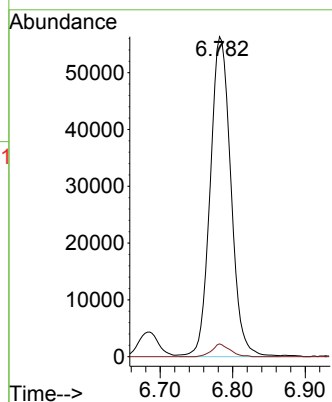
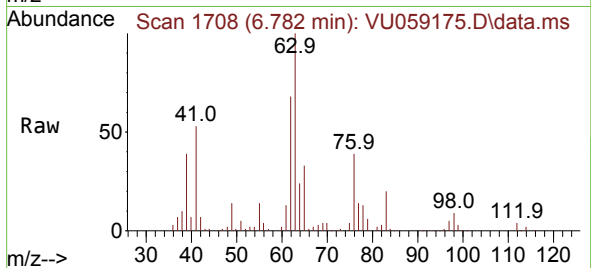
ClientSampleId :

Tgt Ion: 63 Resp: 111640

Ion Ratio Lower Upper

63 100

112 3.4 2.6 4.0



#38

Bromodichloromethane

Concen: 50.965 ug/L

RT: 7.097 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VU059175.D

Acq: 06 Jun 2024 19:05

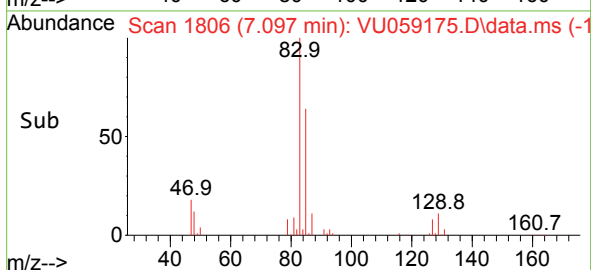
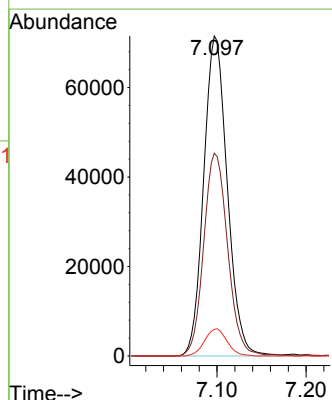
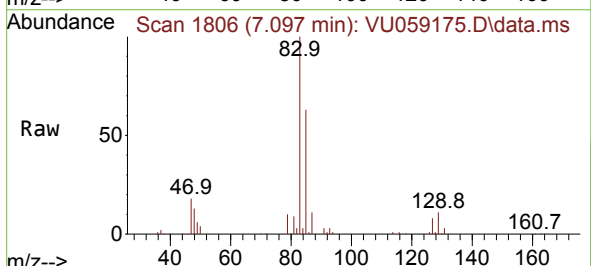
Tgt Ion: 83 Resp: 131554

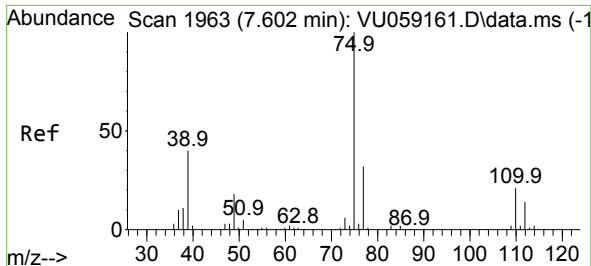
Ion Ratio Lower Upper

83 100

85 63.3 44.0 81.6

127 8.3 7.0 10.6

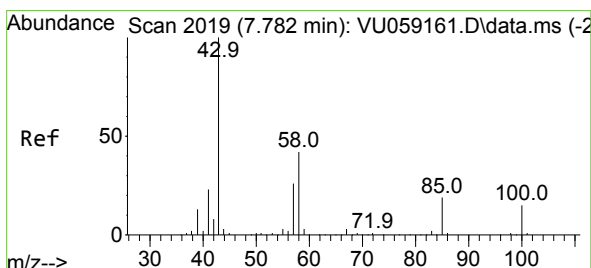
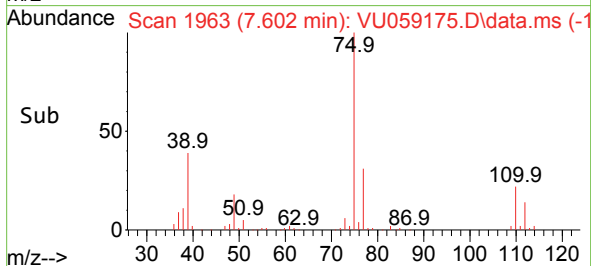
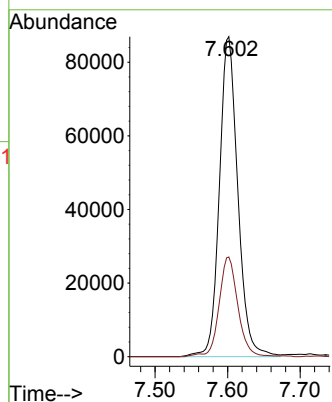
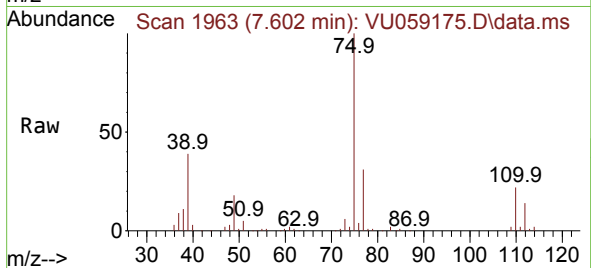




#39
 cis-1,3-Dichloropropene
 Concen: 50.127 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU059175.D
 Acq: 06 Jun 2024 19:05

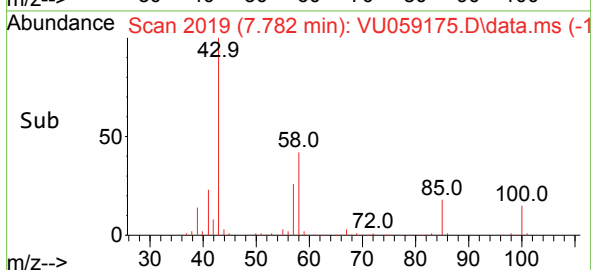
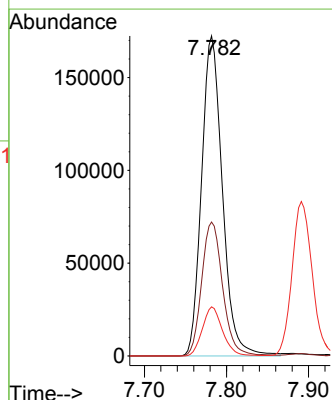
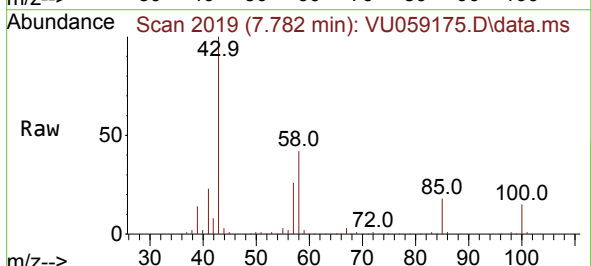
Instrument :
 MSVOA_U
 ClientSampleId :

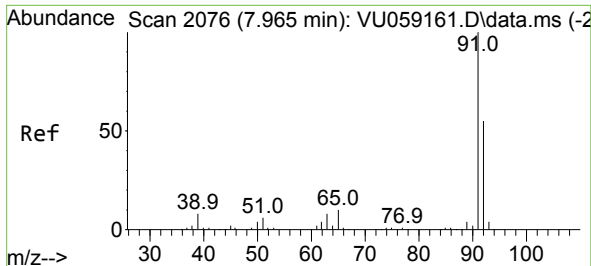
Tgt Ion: 75 Resp: 153691
 Ion Ratio Lower Upper
 75 100
 77 31.2 21.2 39.4



#40
 4-Methyl-2-pentanone
 Concen: 104.772 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU059175.D
 Acq: 06 Jun 2024 19:05

Tgt Ion: 43 Resp: 304377
 Ion Ratio Lower Upper
 43 100
 58 42.3 33.7 50.5
 100 14.9 11.4 17.0





#42

Toluene

Concen: 52.662 ug/L

RT: 7.962 min Scan# 2076

Delta R.T. -0.003 min

Lab File: VU059175.D

Acq: 06 Jun 2024 19:05

Instrument :

MSVOA_U

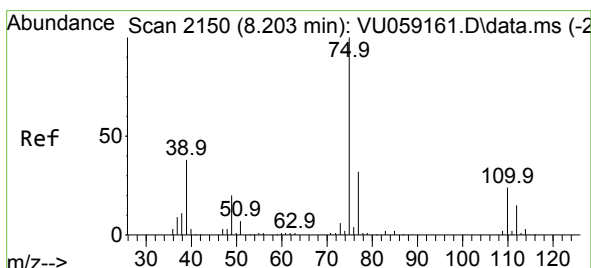
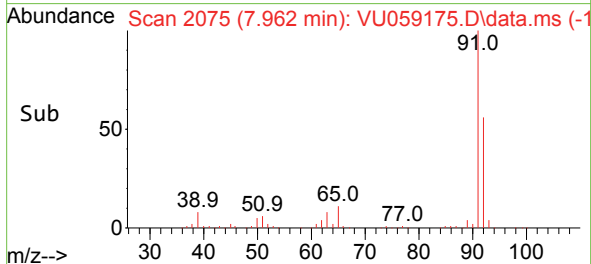
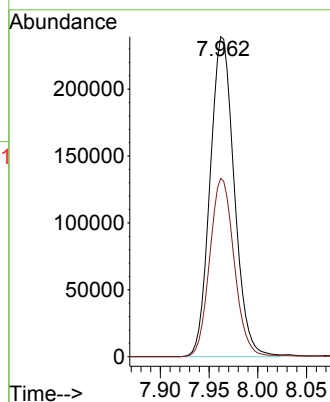
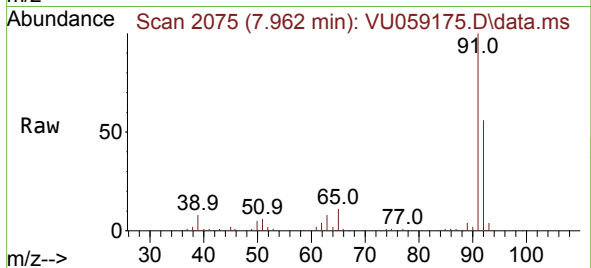
ClientSampleId :

Tgt Ion: 91 Resp: 412517

Ion Ratio Lower Upper

91 100

92 55.8 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 50.570 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU059175.D

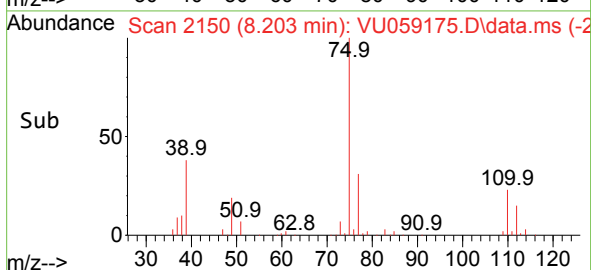
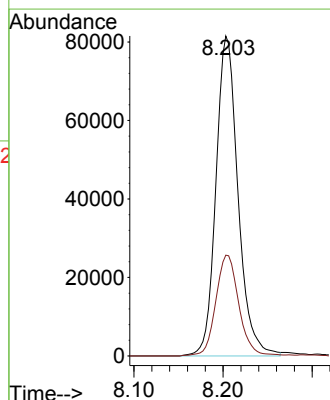
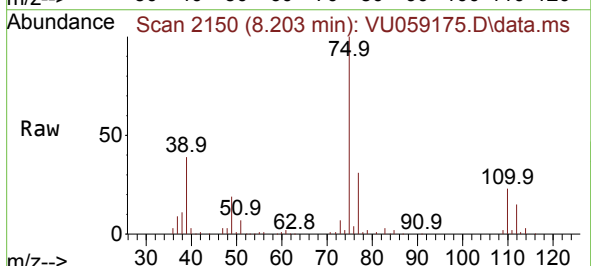
Acq: 06 Jun 2024 19:05

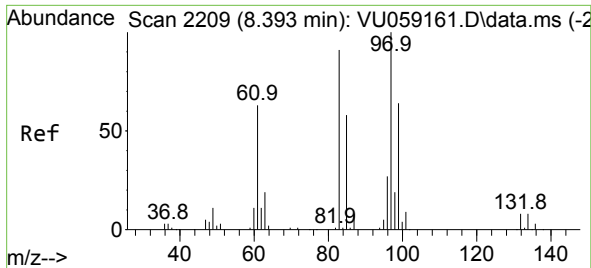
Tgt Ion: 75 Resp: 140366

Ion Ratio Lower Upper

75 100

77 31.5 22.0 40.8



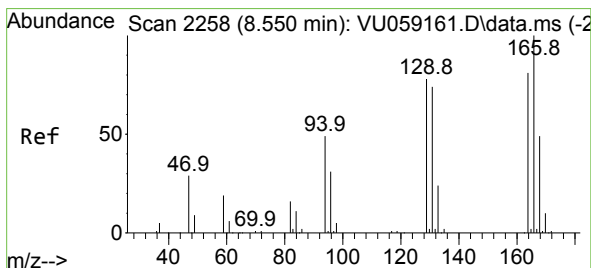
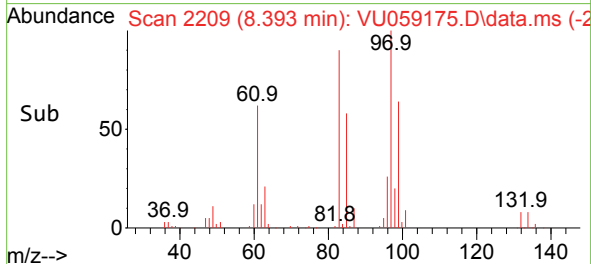
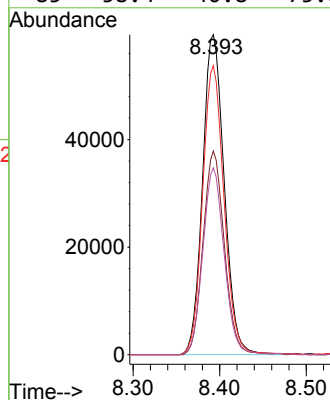
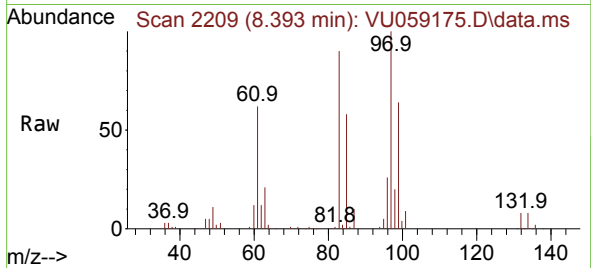


#45
1,1,2-Trichloroethane
Concen: 51.878 ug/L
RT: 8.393 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU059175.D
Acq: 06 Jun 2024 19:05

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 103362

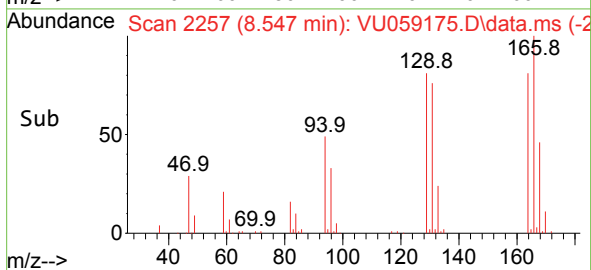
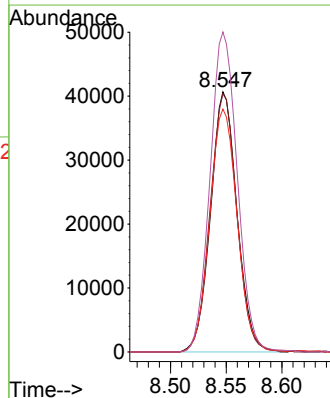
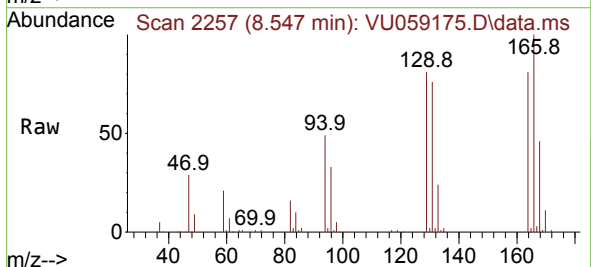
Ion	Ratio	Lower	Upper
97	100		
99	63.7	44.0	81.6
83	90.3	63.6	118.2
85	58.4	40.8	75.8

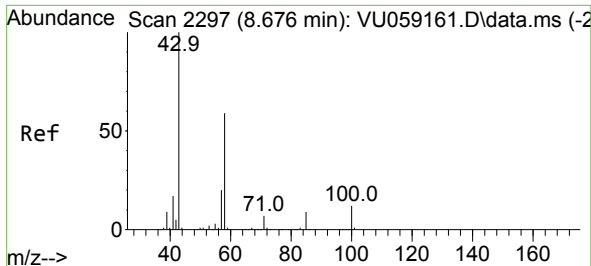


#46
Tetrachloroethene
Concen: 52.692 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU059175.D
Acq: 06 Jun 2024 19:05

Tgt Ion: 164 Resp: 67066

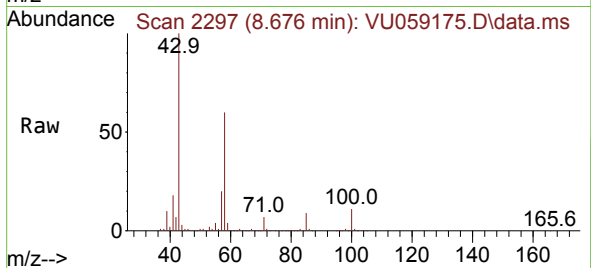
Ion	Ratio	Lower	Upper
164	100		
129	99.3	74.5	138.5
131	93.4	70.6	131.0
166	123.0	95.1	176.7



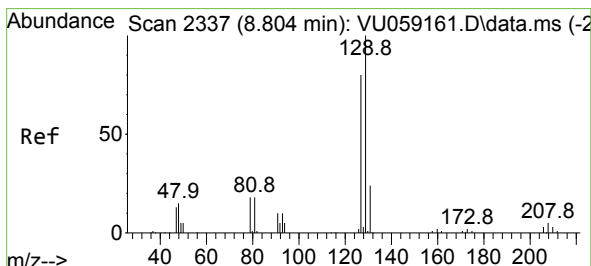
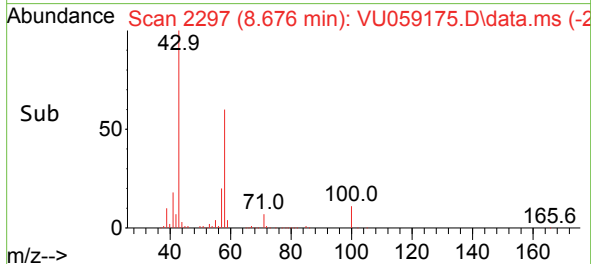
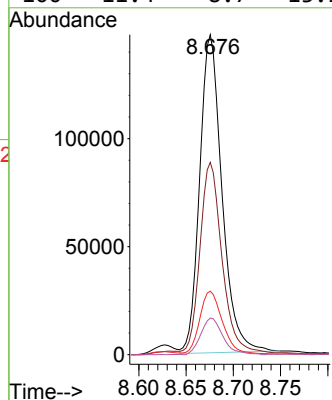


#48
2-Hexanone
Concen: 98.647 ug/L
RT: 8.676 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU059175.D
Acq: 06 Jun 2024 19:05

Instrument :
MSVOA_U
ClientSampleId :

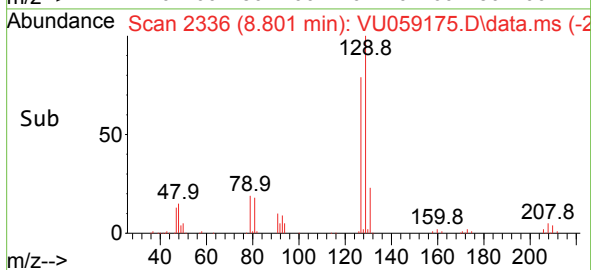
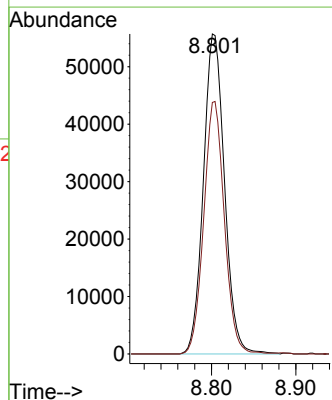
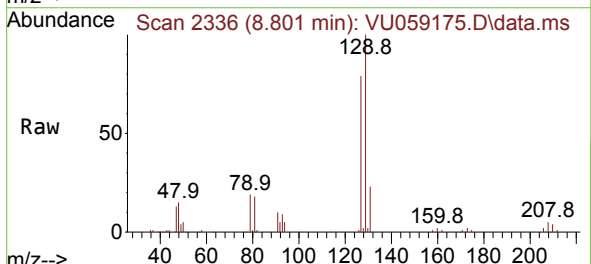


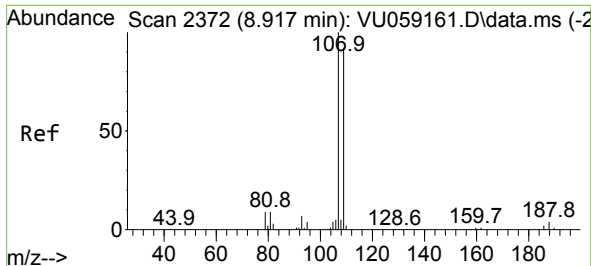
Tgt Ion: 43 Resp: 241701
Ion Ratio Lower Upper
43 100
58 59.2 45.9 68.9
57 20.8 16.3 24.5
100 11.4 8.7 13.1



#49
Dibromochloromethane
Concen: 53.979 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.003 min
Lab File: VU059175.D
Acq: 06 Jun 2024 19:05

Tgt Ion: 129 Resp: 97194
Ion Ratio Lower Upper
129 100
127 78.6 53.3 98.9





#50

1,2-Dibromoethane

Concen: 51.746 ug/L

RT: 8.917 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU059175.D

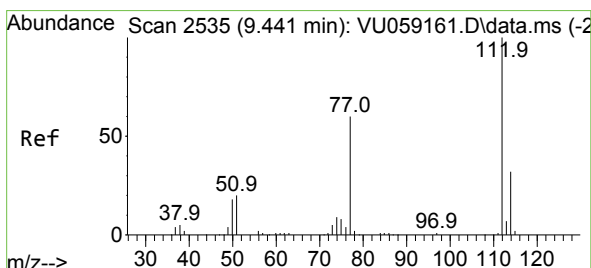
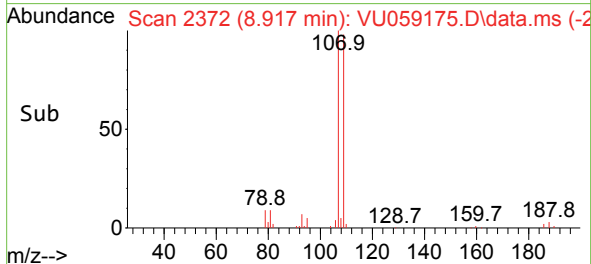
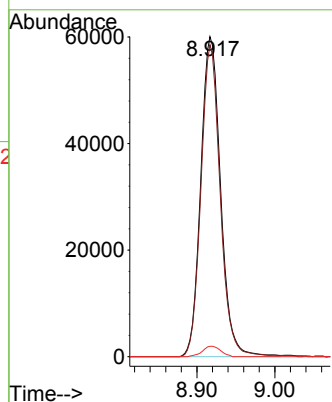
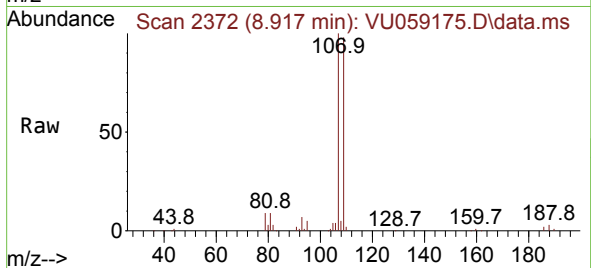
Acq: 06 Jun 2024 19:05

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	106350
Ion	Ratio	Lower	Upper
107	100		
109	97.5	67.8	125.8
188	3.3	2.5	3.7



#51

Chlorobenzene

Concen: 52.166 ug/L

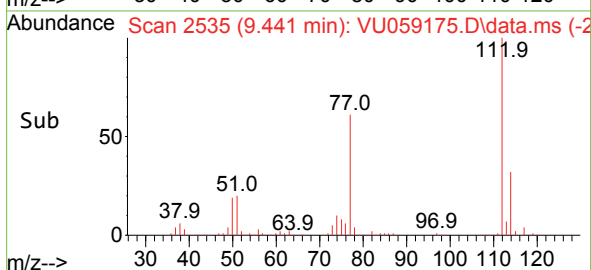
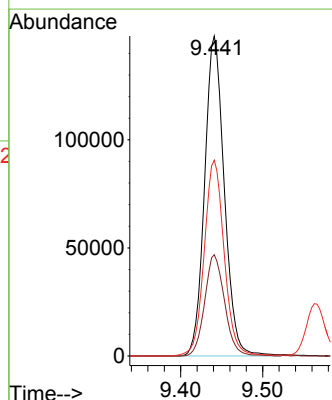
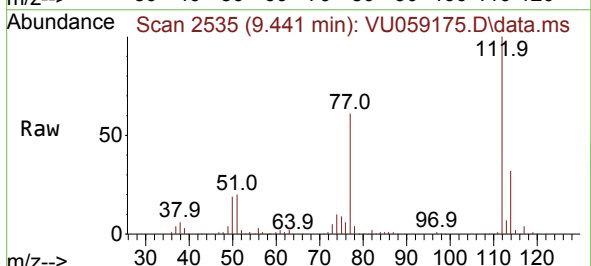
RT: 9.441 min Scan# 2535

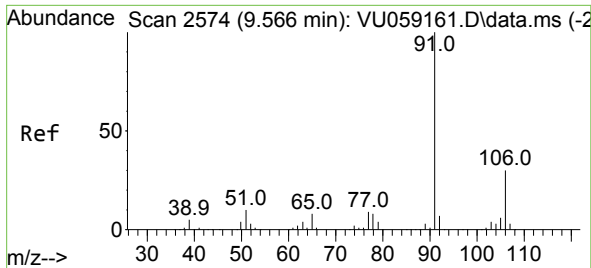
Delta R.T. -0.000 min

Lab File: VU059175.D

Acq: 06 Jun 2024 19:05

Tgt Ion:	112	Resp:	246630
Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.1	41.1
77	61.2	49.8	74.6

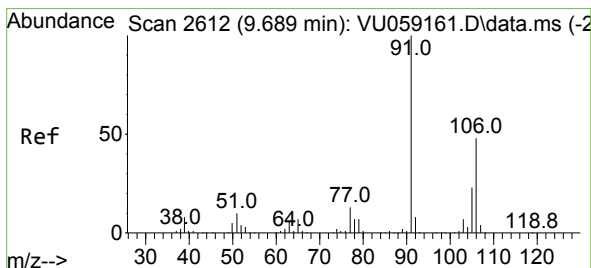
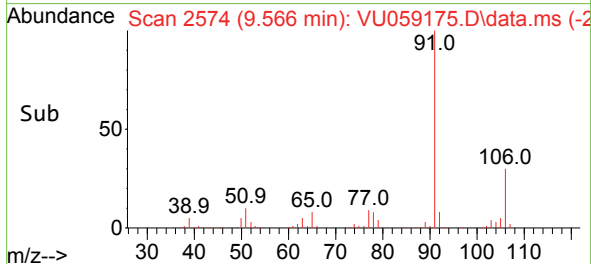
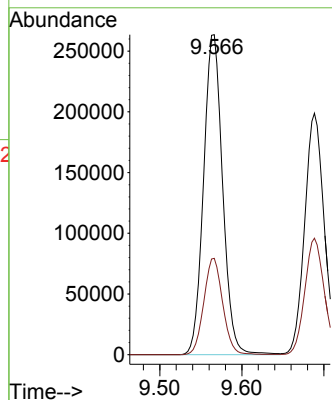
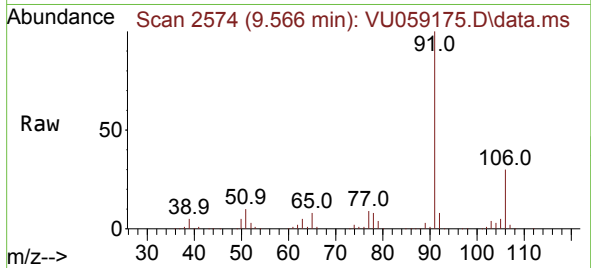




#52
Ethylbenzene
Concen: 52.696 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. -0.000 min
Lab File: VU059175.D
Acq: 06 Jun 2024 19:05

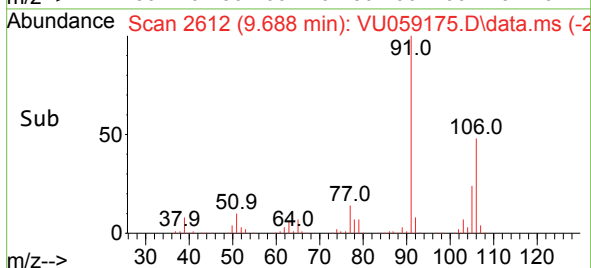
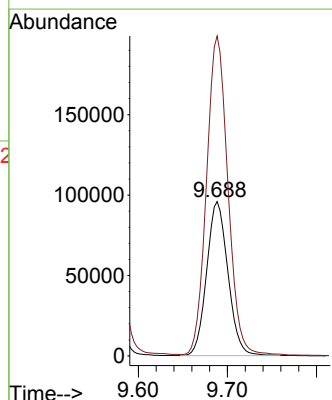
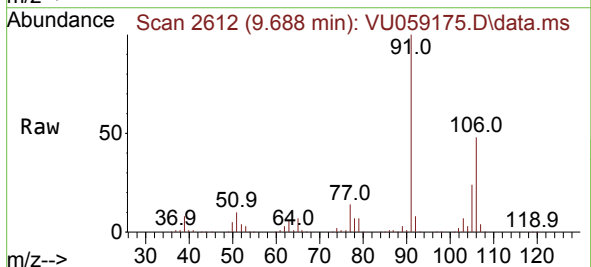
Instrument :
MSVOA_U
ClientSampleId :

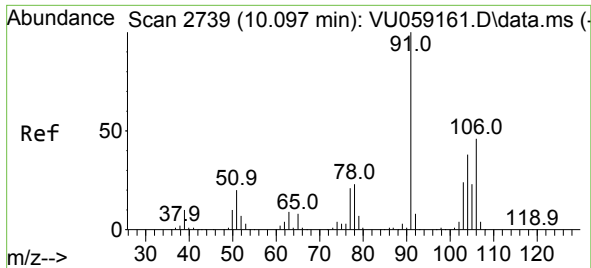
Tgt Ion: 91 Resp: 425558
Ion Ratio Lower Upper
91 100
106 30.1 21.0 39.0



#53
m,p-Xylene
Concen: 53.462 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU059175.D
Acq: 06 Jun 2024 19:05

Tgt Ion: 106 Resp: 158677
Ion Ratio Lower Upper
106 100
91 207.3 146.4 272.0

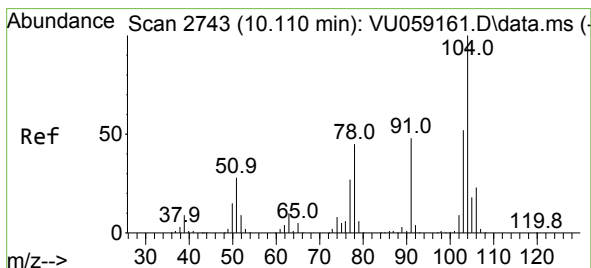
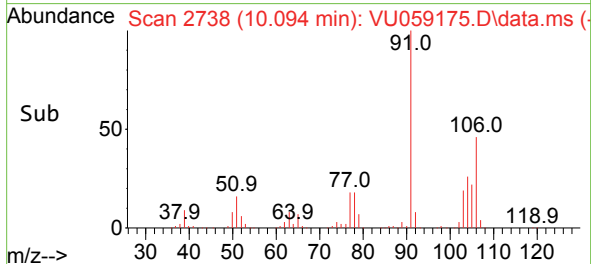
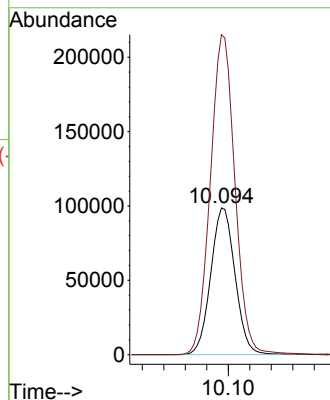
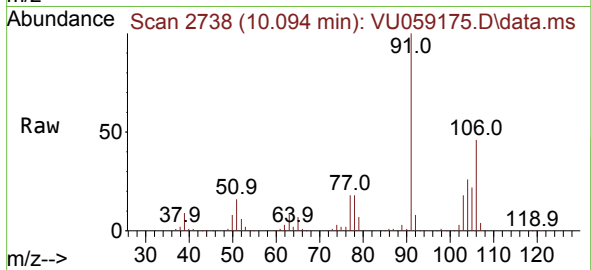




#54
o-Xylene
Concen: 53.792 ug/L
RT: 10.094 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU059175.D
Acq: 06 Jun 2024 19:05

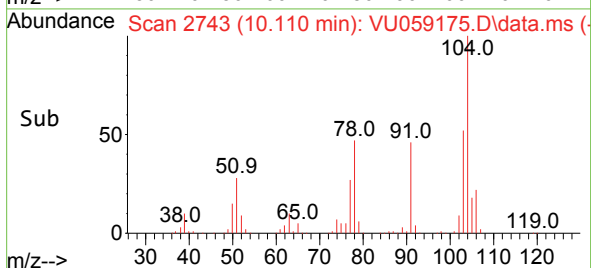
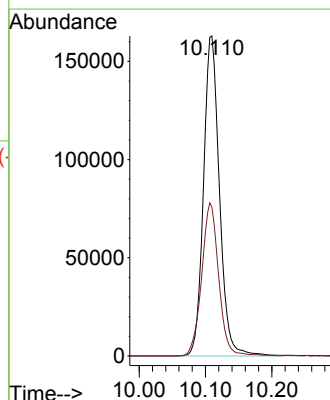
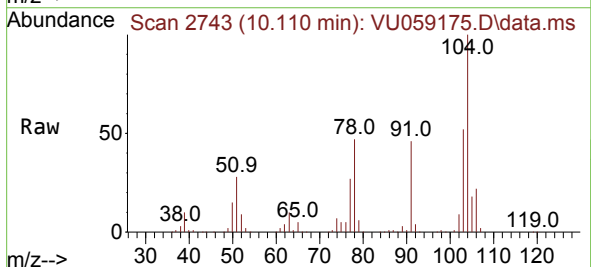
Instrument :
MSVOA_U
ClientSampleId :

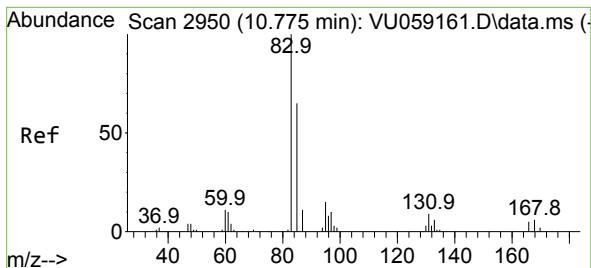
Tgt Ion:106 Resp: 154729
Ion Ratio Lower Upper
106 100
91 218.1 156.7 290.9



#55
Styrene
Concen: 55.737 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU059175.D
Acq: 06 Jun 2024 19:05

Tgt Ion:104 Resp: 272514
Ion Ratio Lower Upper
104 100
78 46.5 34.7 64.5

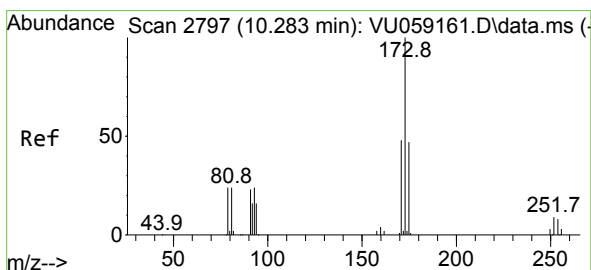
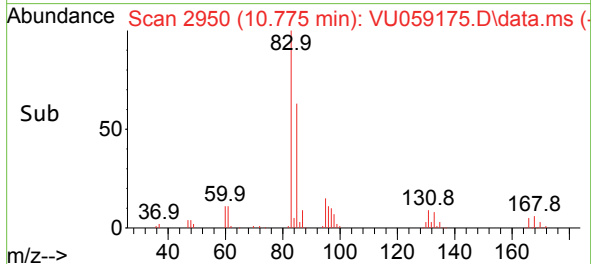
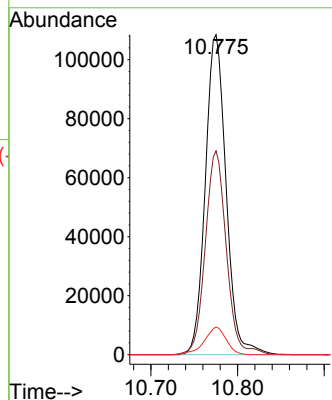
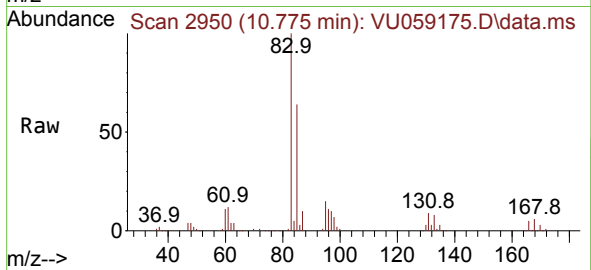




#57
1,1,2,2-Tetrachloroethane
Concen: 49.782 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU059175.D
Acq: 06 Jun 2024 19:05

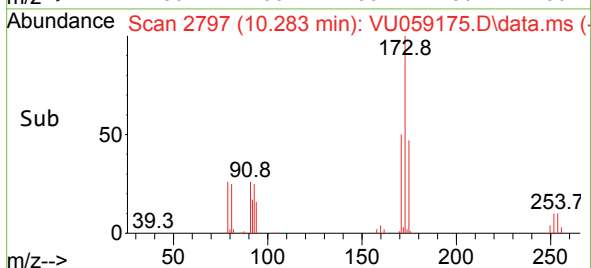
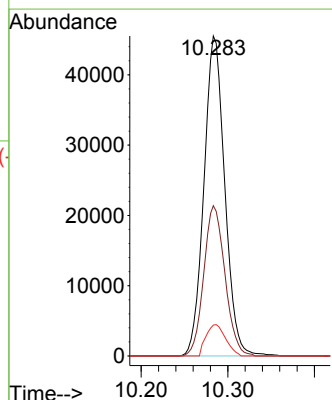
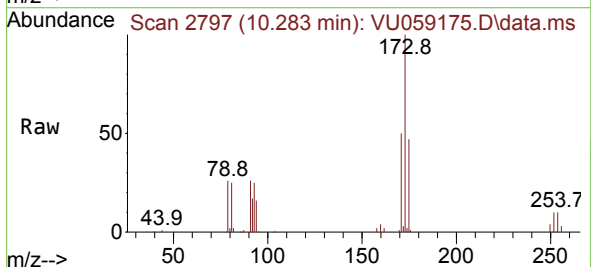
Instrument :
MSVOA_U
ClientSampleId :

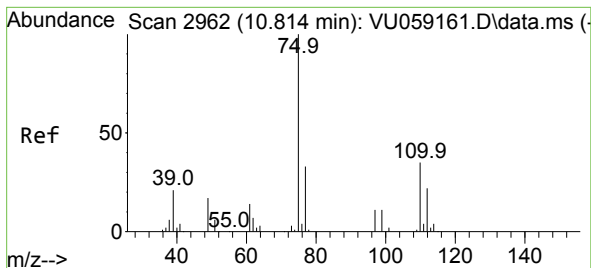
Tgt Ion: 83 Resp: 180682
Ion Ratio Lower Upper
83 100
85 63.7 46.1 85.7
131 8.6 7.0 10.4



#59
Bromoform
Concen: 52.222 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. -0.000 min
Lab File: VU059175.D
Acq: 06 Jun 2024 19:05

Tgt Ion:173 Resp: 76090
Ion Ratio Lower Upper
173 100
175 47.7 39.0 58.6
254 9.2 7.5 11.3





#60

1,2,3-Trichloropropane

Concen: 46.613 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.003 min

Lab File: VU059175.D

Acq: 06 Jun 2024 19:05

Instrument :

MSVOA_U

ClientSampleId :

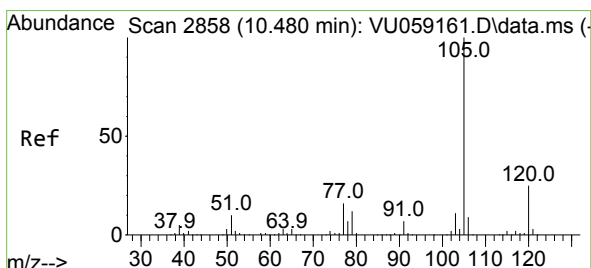
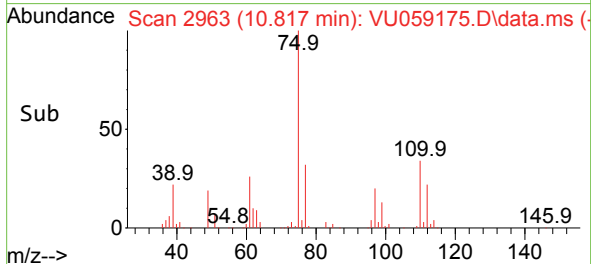
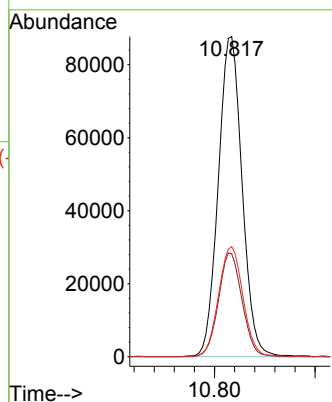
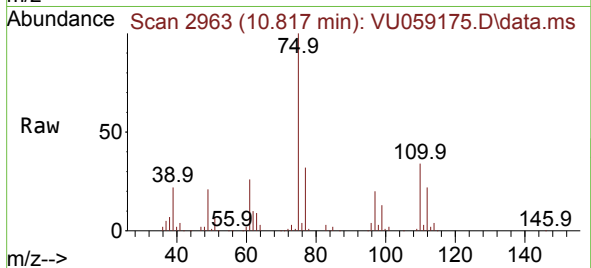
Tgt Ion: 75 Resp: 144050

Ion Ratio Lower Upper

75 100

77 32.2 26.2 39.2

110 35.2 28.4 42.6



#61

Isopropylbenzene

Concen: 51.334 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. -0.000 min

Lab File: VU059175.D

Acq: 06 Jun 2024 19:05

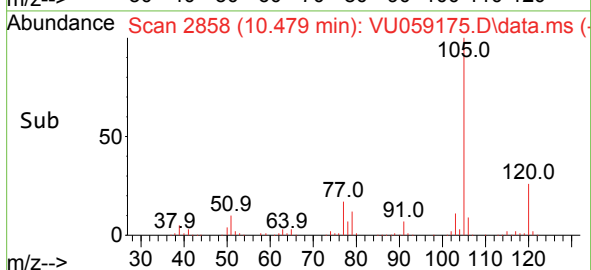
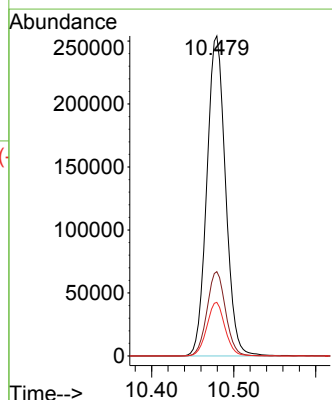
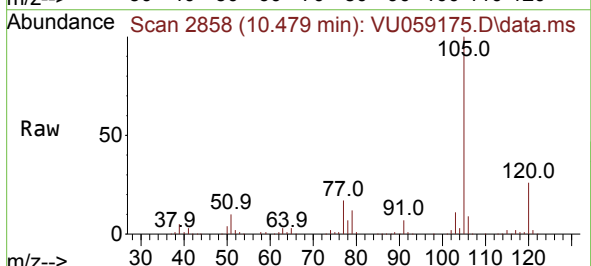
Tgt Ion: 105 Resp: 401332

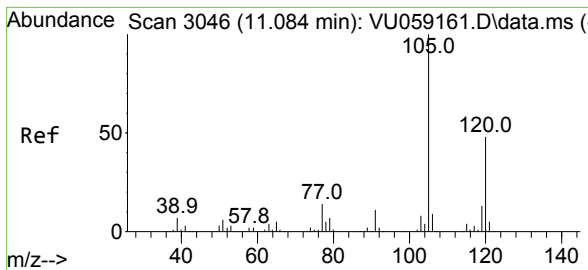
Ion Ratio Lower Upper

105 100

120 26.2 20.3 30.5

77 16.4 13.4 20.0

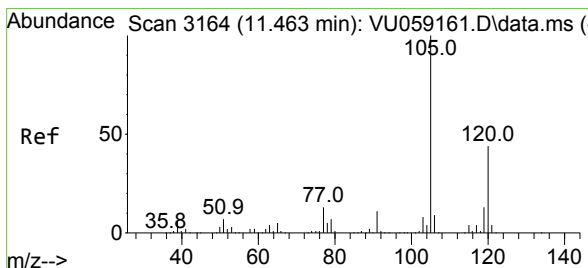
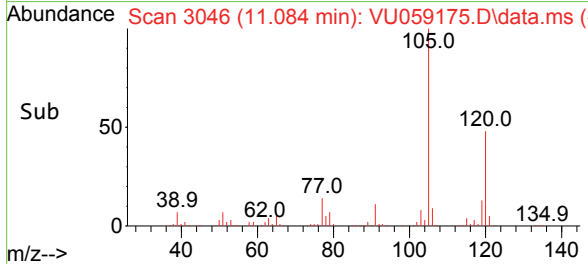
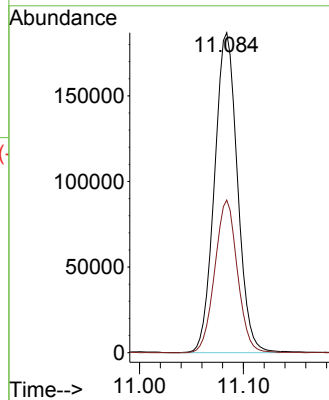
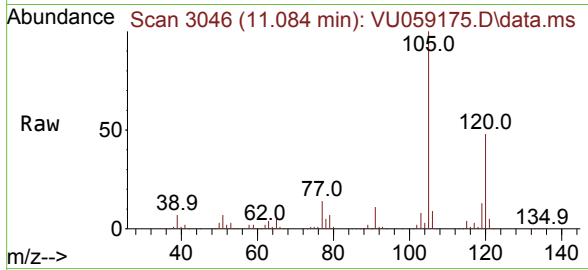




#62
 1,3,5-Trimethylbenzene
 Concen: 50.706 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. -0.000 min
 Lab File: VU059175.D
 Acq: 06 Jun 2024 19:05

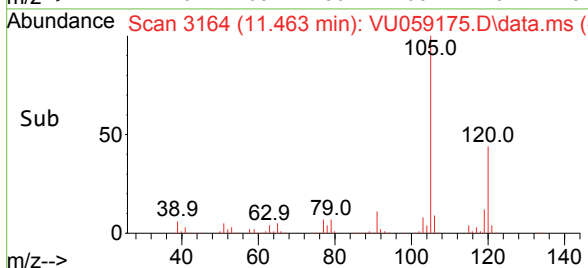
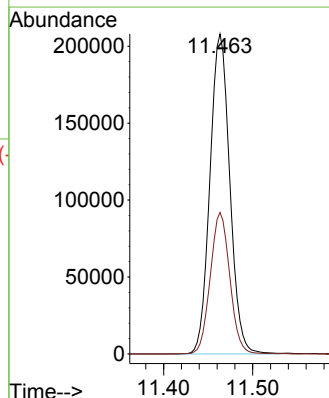
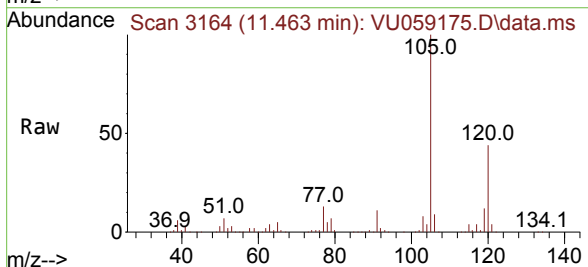
Instrument :
 MSVOA_U
 ClientSampleId :

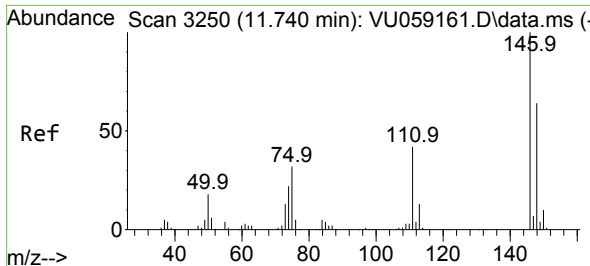
Tgt Ion:105 Resp: 287226
 Ion Ratio Lower Upper
 105 100
 120 46.9 37.8 56.8



#63
 1,2,4-Trimethylbenzene
 Concen: 52.411 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. -0.000 min
 Lab File: VU059175.D
 Acq: 06 Jun 2024 19:05

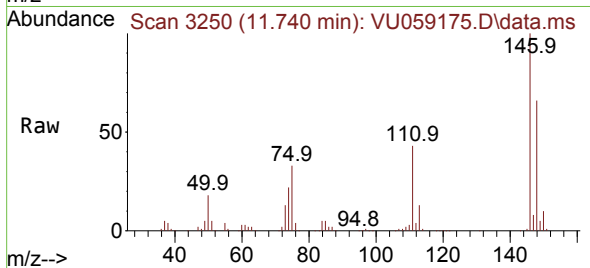
Tgt Ion:105 Resp: 321831
 Ion Ratio Lower Upper
 105 100
 120 43.5 35.0 52.6



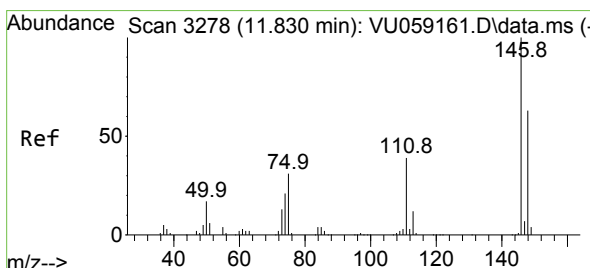
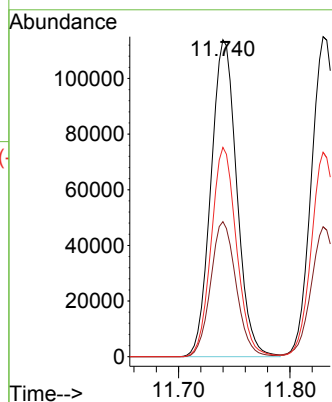
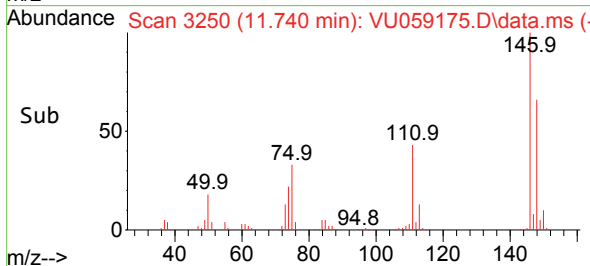


#64
1,3-Dichlorobenzene
Concen: 50.246 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU059175.D
Acq: 06 Jun 2024 19:05

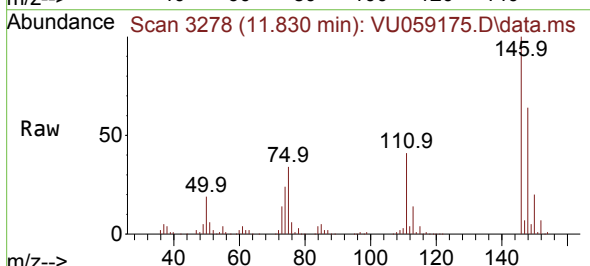
Instrument :
MSVOA_U
ClientSampleId :



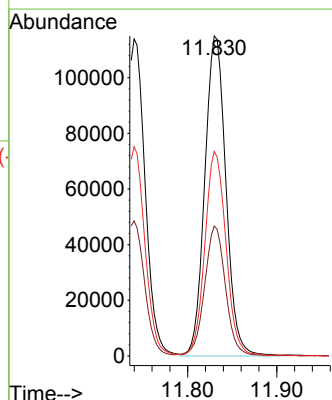
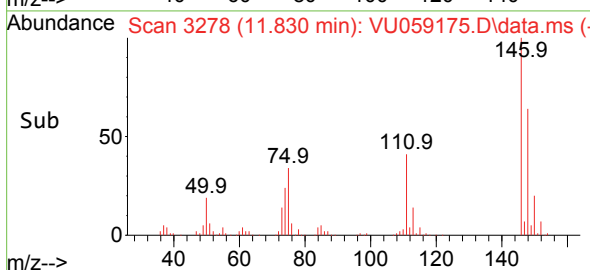
Tgt Ion:146 Resp: 183598
Ion Ratio Lower Upper
146 100
111 42.6 28.7 53.3
148 66.0 44.9 83.5

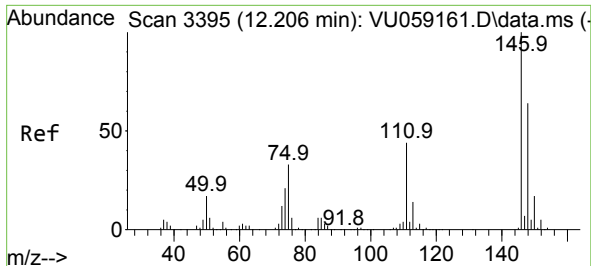


#65
1,4-Dichlorobenzene
Concen: 50.252 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU059175.D
Acq: 06 Jun 2024 19:05



Tgt Ion:146 Resp: 189637
Ion Ratio Lower Upper
146 100
111 40.6 27.9 51.9
148 63.9 45.7 84.9





#67

1,2-Dichlorobenzene

Concen: 48.011 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU059175.D

Acq: 06 Jun 2024 19:05

Instrument :

MSVOA_U

ClientSampleId :

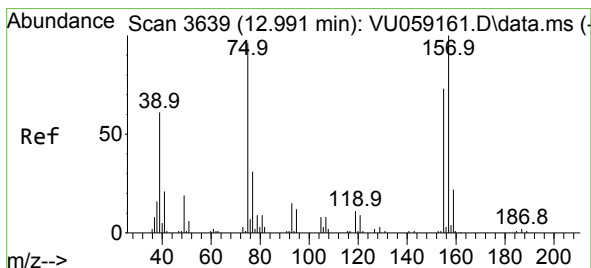
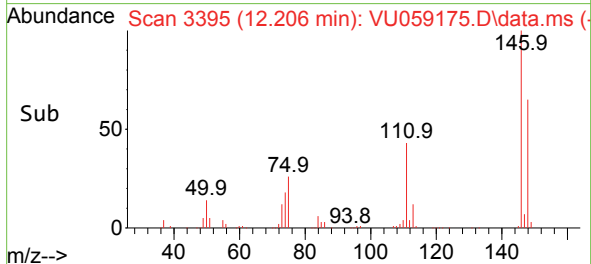
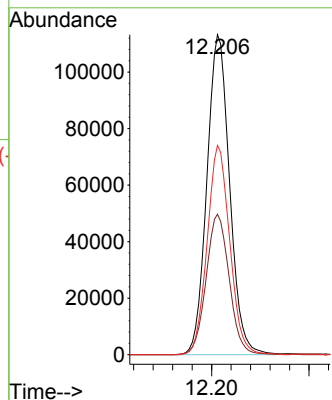
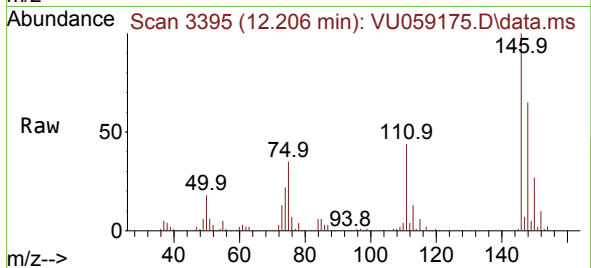
Tgt Ion:146 Resp: 183357

Ion Ratio Lower Upper

146 100

111 43.9 33.4 50.2

148 65.4 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 51.039 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU059175.D

Acq: 06 Jun 2024 19:05

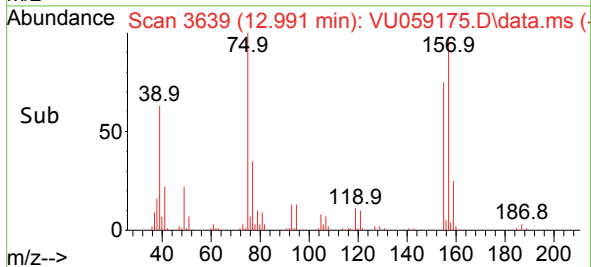
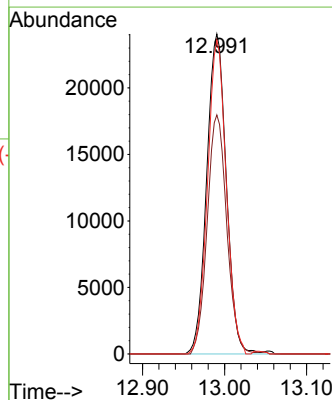
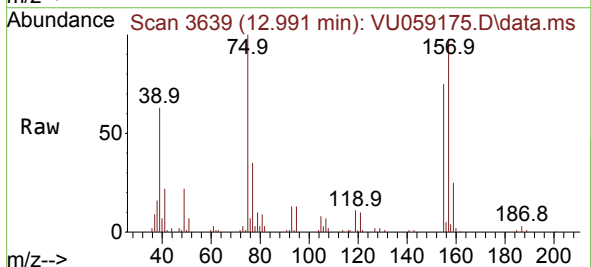
Tgt Ion: 75 Resp: 39986

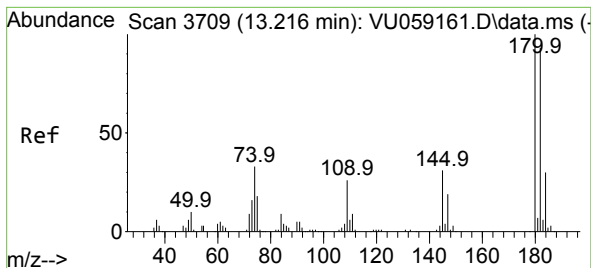
Ion Ratio Lower Upper

75 100

155 74.7 57.5 86.3

157 101.8 73.4 110.2





#69

1,3,5-Trichlorobenzene

Concen: 48.791 ug/L

RT: 13.216 min Scan# 31

Delta R.T. -0.000 min

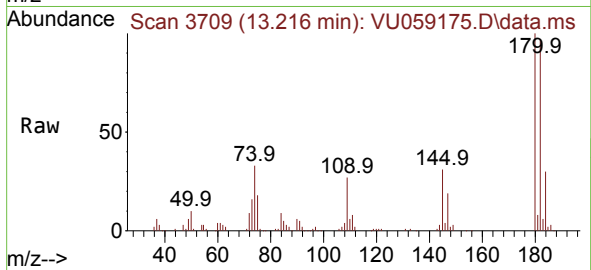
Lab File: VU059175.D

Acq: 06 Jun 2024 19:05

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 117743

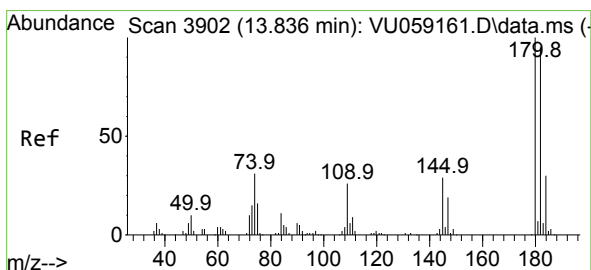
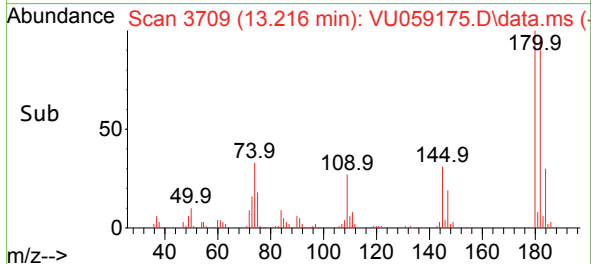
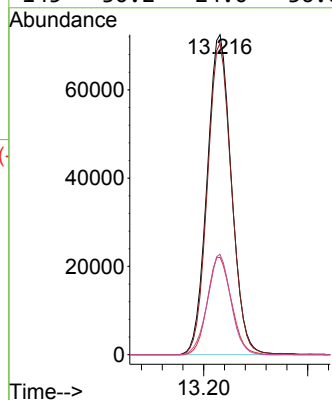
Ion Ratio Lower Upper

180 100

182 96.0 75.6 113.4

184 30.2 24.2 36.2

145 30.2 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 50.882 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU059175.D

Acq: 06 Jun 2024 19:05

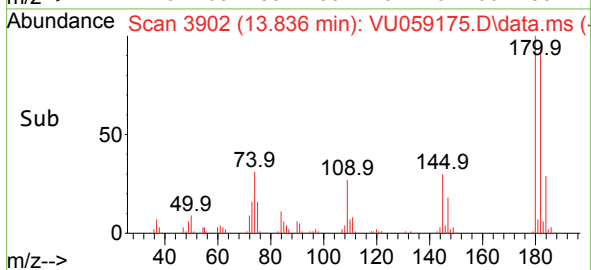
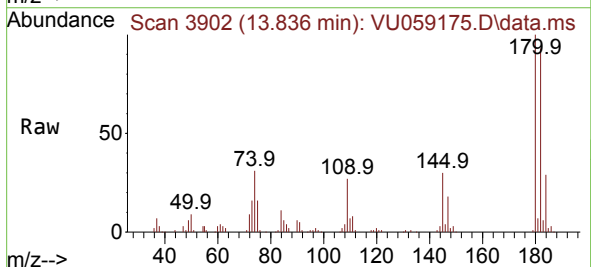
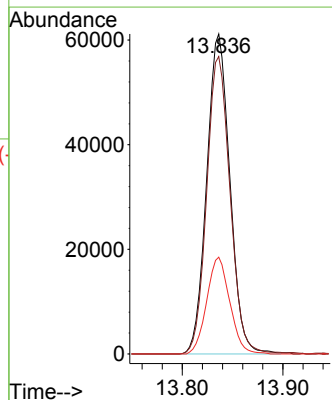
Tgt Ion:180 Resp: 98070

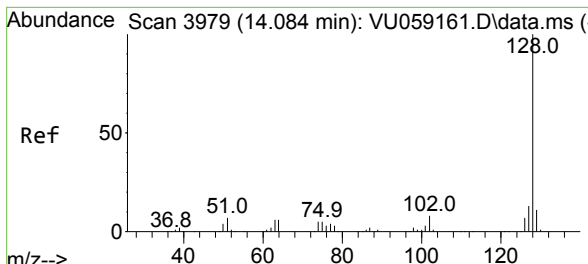
Ion Ratio Lower Upper

180 100

182 93.6 77.4 116.2

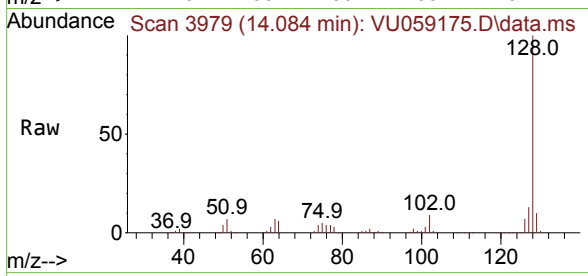
145 30.0 24.8 37.2





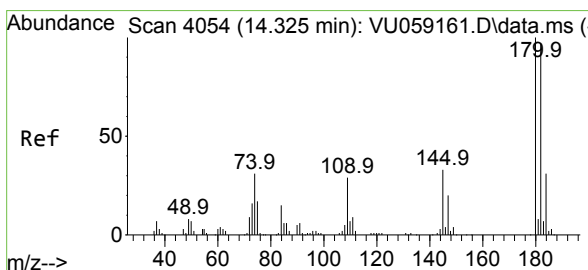
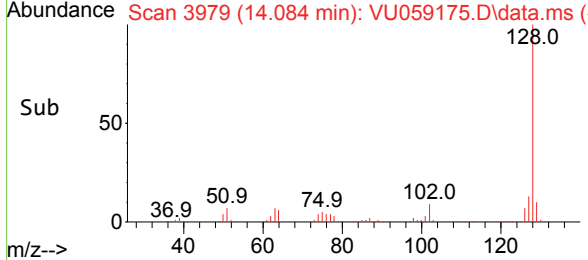
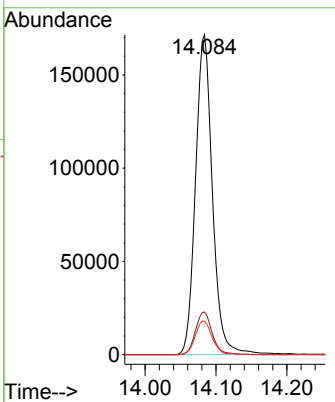
#71
 Naphthalene
 Concen: 46.633 ug/L
 RT: 14.084 min Scan# 3979
 Delta R.T. -0.000 min
 Lab File: VU059175.D
 Acq: 06 Jun 2024 19:05

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:128 Resp: 284497

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.3	8.5	12.7



#72
 1,2,3-Trichlorobenzene
 Concen: 52.805 ug/L
 RT: 14.325 min Scan# 4054
 Delta R.T. -0.000 min
 Lab File: VU059175.D
 Acq: 06 Jun 2024 19:05

Tgt Ion:180 Resp: 103472

Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.2	114.4
145	32.6	26.4	39.6

