

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U060624\
 Data File : VU059161.D
 Acq On : 06 Jun 2024 11:51
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 07 04:57:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 05 05:30:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	206948	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	200721	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	103781	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	52422	42.307	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.620%
7) Chloroethane-d5	1.908	69	48388	45.588	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.180%
11) 1,1-Dichloroethene-d2	2.563	63	114411	46.779	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.560%
21) 2-Butanone-d5	4.612	46	106071	90.821	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.820%
24) Chloroform-d	5.055	84	123501	50.068	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.140%
26) 1,2-Dichloroethane-d4	5.695	65	71261	47.135	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.260%
32) Benzene-d6	5.721	84	223663	48.550	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.100%
36) 1,2-Dichloropropane-d6	6.685	67	76216	47.982	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.960%
41) Toluene-d8	7.894	98	195145	49.899	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.800%
43) trans-1,3-Dichloroprop...	8.174	79	32091	49.980	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.960%
47) 2-Hexanone-d5	8.624	63	71240	96.986	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.990%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	131303	48.842	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.680%
66) 1,2-Dichlorobenzene-d4	12.187	152	74698	48.231	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	111334	53.096	ug/L	99
3) Chloromethane	1.518	50	120395	49.680	ug/L	98
5) Vinyl chloride	1.602	62	129532	54.396	ug/L	100
6) Bromomethane	1.853	94	75201	39.474	ug/L	99
8) Chloroethane	1.930	64	76941	51.814	ug/L	95
9) Trichlorofluoromethane	2.136	101	149567	53.975	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	92320	57.262	ug/L	97
12) 1,1-Dichloroethene	2.573	96	81961	56.050	ug/L	94
13) Acetone	2.615	43	165924	120.867	ug/L	100
14) Carbon disulfide	2.789	76	267985	54.416	ug/L	100
15) Methyl Acetate	2.940	43	105357	48.451	ug/L	99
16) Methylene chloride	3.036	84	110666	55.932	ug/L	93
17) trans-1,2-Dichloroethene	3.348	96	89025	56.406	ug/L	96
18) Methyl tert-butyl Ether	3.351	73	268818	52.434	ug/L	98
19) 1,1-Dichloroethane	3.859	63	177588	52.494	ug/L	98
20) cis-1,2-Dichloroethene	4.660	96	97979	54.478	ug/L	96
22) 2-Butanone	4.689	43	176493	106.193	ug/L	97
23) Bromochloromethane	4.968	128	49908	54.783	ug/L	92
25) Chloroform	5.078	83	176033	53.738	ug/L	98

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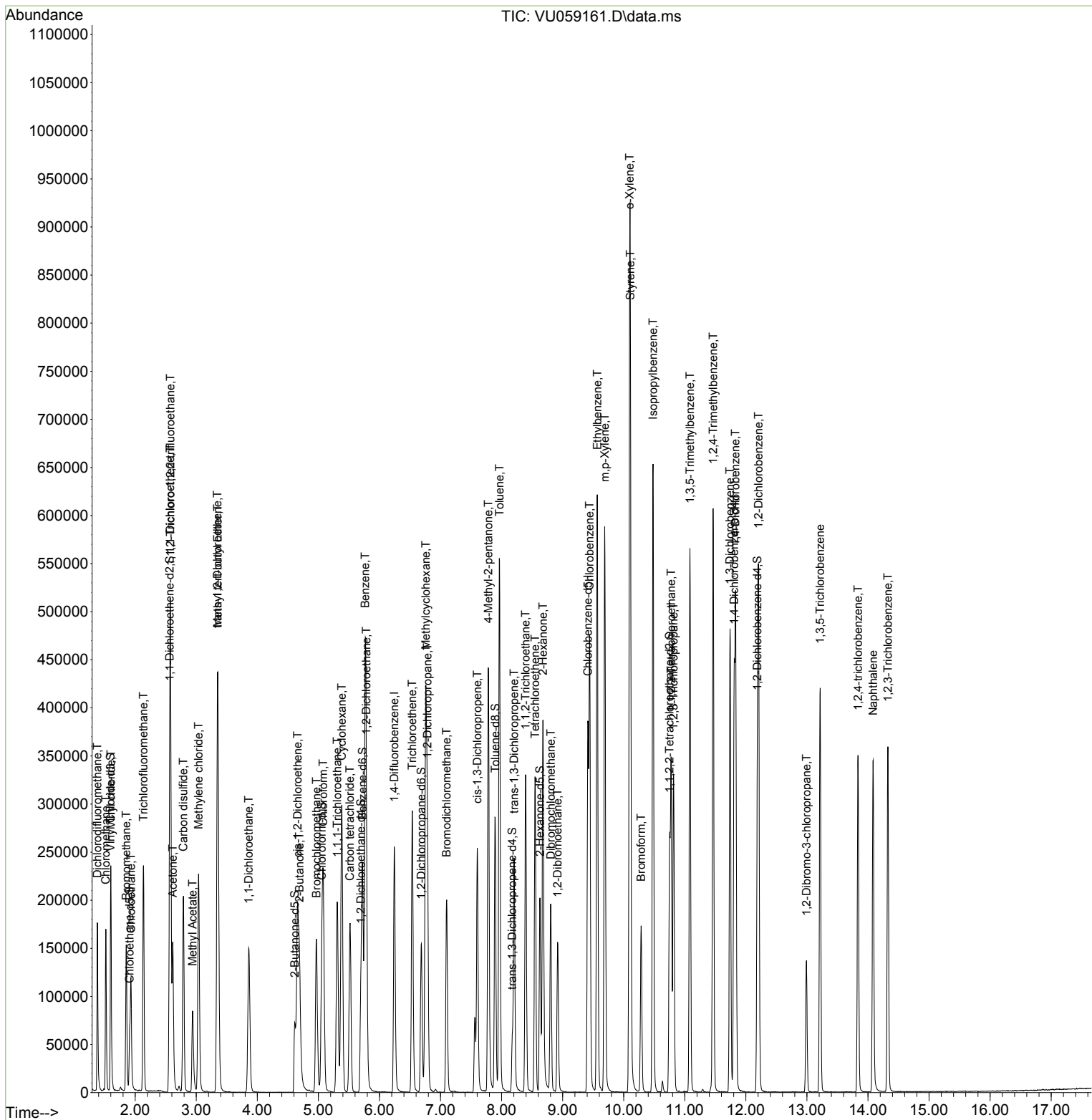
Instrument :
 MSVOA_U
 ClientSampleId :

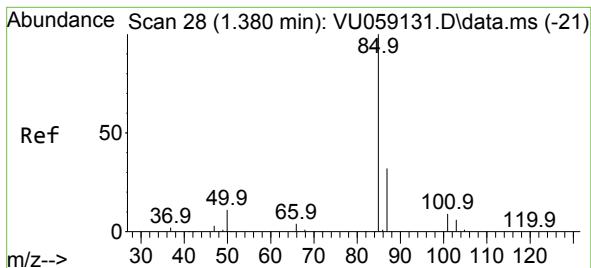
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	143207	51.750	ug/L	99
29) Cyclohexane	5.383	56	145715	54.377	ug/L	98
30) 1,1,1-Trichloroethane	5.309	97	143923	55.148	ug/L	99
31) Carbon tetrachloride	5.515	117	121503	57.317	ug/L	100
33) Benzene	5.766	78	395704	54.596	ug/L	100
34) Trichloroethene	6.534	95	102026	57.489	ug/L	98
35) Methylcyclohexane	6.756	83	153246	58.729	ug/L	98
37) 1,2-Dichloropropane	6.785	63	111696	54.271	ug/L	99
38) Bromodichloromethane	7.097	83	133863	55.838	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	154514	54.261	ug/L	96
40) 4-Methyl-2-pentanone	7.782	43	278558	103.239	ug/L	99
42) Toluene	7.965	91	422464	58.068	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	141717	54.972	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	102031	55.138	ug/L	99
46) Tetrachloroethene	8.550	164	71153	60.191	ug/L	90
48) 2-Hexanone	8.676	43	236221	103.805	ug/L	98
49) Dibromochloromethane	8.804	129	97299	58.182	ug/L	96
50) 1,2-Dibromoethane	8.917	107	106135	55.603	ug/L	95
51) Chlorobenzene	9.441	112	248321	56.552	ug/L	98
52) Ethylbenzene	9.566	91	437280	58.301	ug/L	100
53) m,p-Xylene	9.689	106	164733	59.760	ug/L	100
54) o-Xylene	10.097	106	159604	59.743	ug/L	96
55) Styrene	10.110	104	282725	62.260	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.775	83	171385	50.842	ug/L	99
59) Bromoform	10.283	173	78652	57.801	ug/L	98
60) 1,2,3-Trichloropropane	10.814	75	139439	48.315	ug/L	99
61) Isopropylbenzene	10.480	105	422842	57.913	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	303937	57.454	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	333521	58.159	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	190508	55.827	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	196834	55.851	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	190829	53.504	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	36110	49.354	ug/L	91
69) 1,3,5-Trichlorobenzene	13.216	180	127218	56.449	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	104243	57.913	ug/L	98
71) Naphthalene	14.084	128	284210	49.883	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	107726	58.867	ug/L	99

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

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#2

Dichlorodifluoromethane

Concen: 53.096 ug/L

RT: 1.380 min Scan# 28

Delta R.T. 0.000 min

Lab File: VU059161.D

Acq: 06 Jun 2024 11:51

Instrument :

MSVOA_U

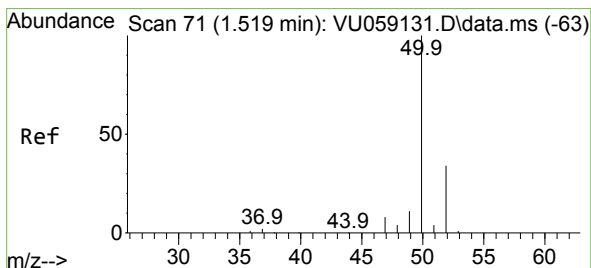
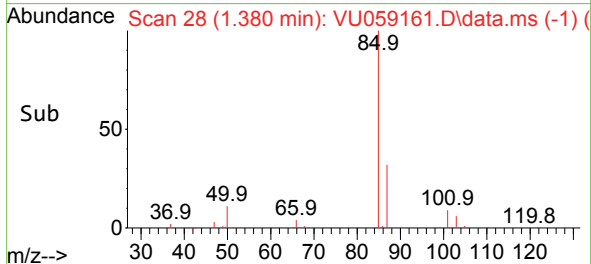
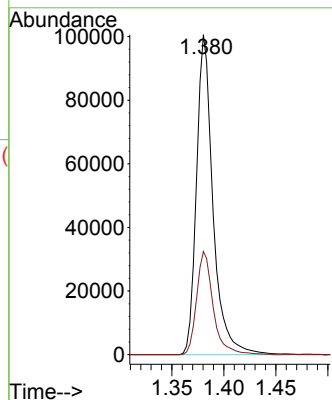
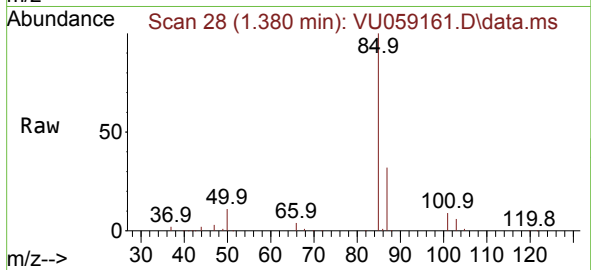
ClientSampleId :

Tgt Ion: 85 Resp: 111334

Ion Ratio Lower Upper

85 100

87 32.5 25.4 38.2



#3

Chloromethane

Concen: 49.680 ug/L

RT: 1.518 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU059161.D

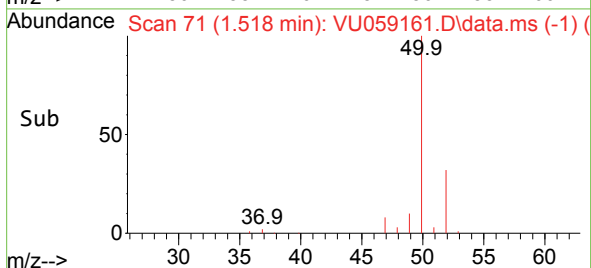
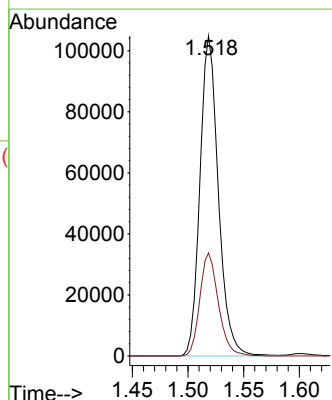
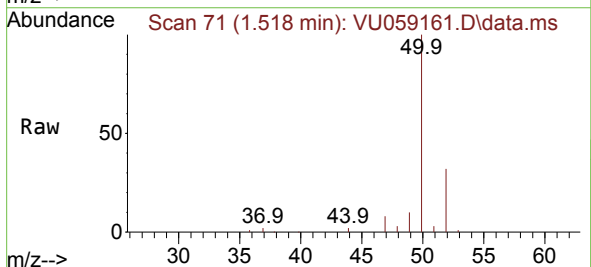
Acq: 06 Jun 2024 11:51

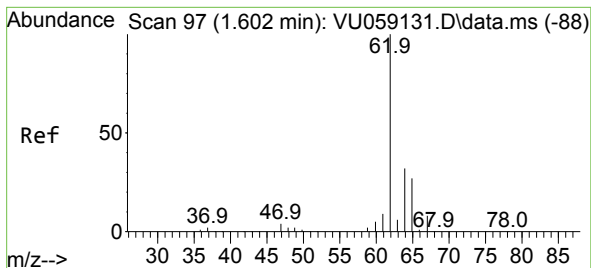
Tgt Ion: 50 Resp: 120395

Ion Ratio Lower Upper

50 100

52 32.2 23.2 43.2





#5

Vinyl chloride

Concen: 54.396 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU059161.D

Acq: 06 Jun 2024 11:51

Instrument :

MSVOA_U

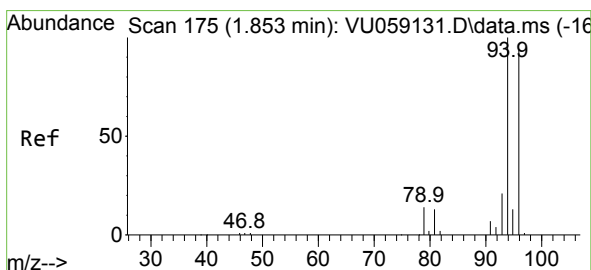
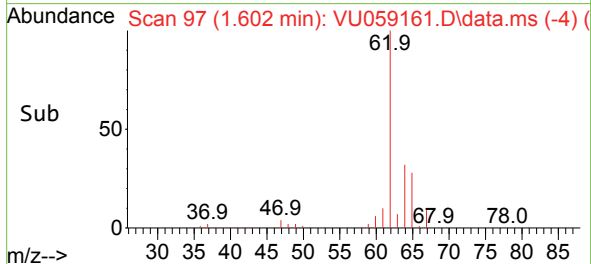
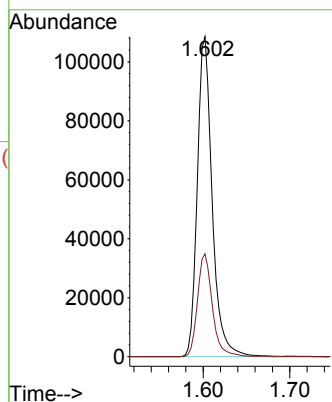
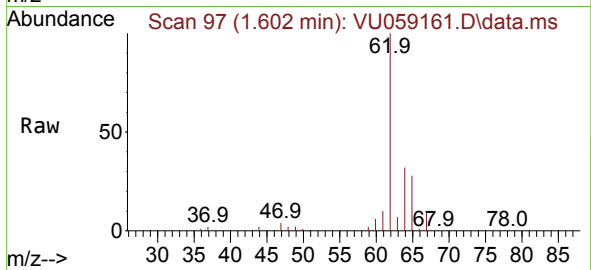
ClientSampleId :

Tgt Ion: 62 Resp: 129532

Ion Ratio Lower Upper

62 100

64 32.1 22.5 41.7



#6

Bromomethane

Concen: 39.474 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.000 min

Lab File: VU059161.D

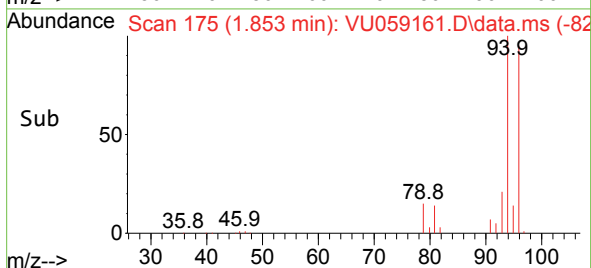
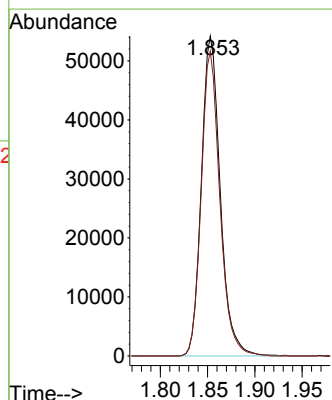
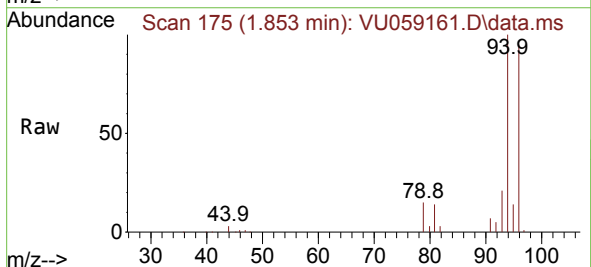
Acq: 06 Jun 2024 11:51

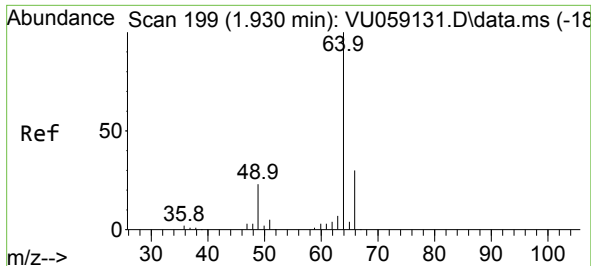
Tgt Ion: 94 Resp: 75201

Ion Ratio Lower Upper

94 100

96 95.2 67.1 124.7





#8

Chloroethane

Concen: 51.814 ug/L

RT: 1.930 min Scan# 199

Delta R.T. 0.000 min

Lab File: VU059161.D

Acq: 06 Jun 2024 11:51

Instrument :

MSVOA_U

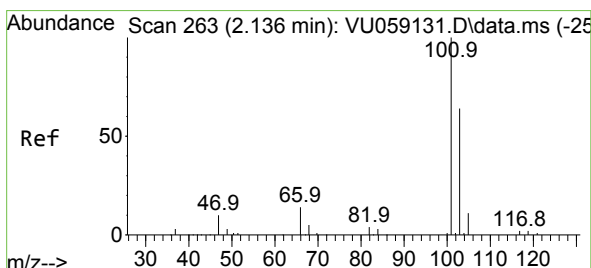
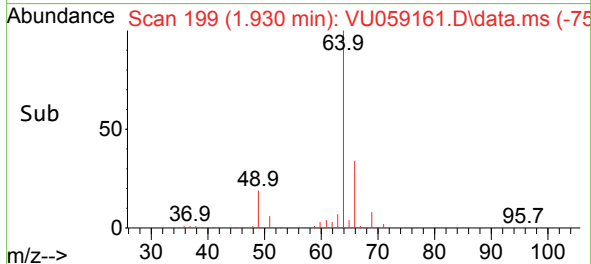
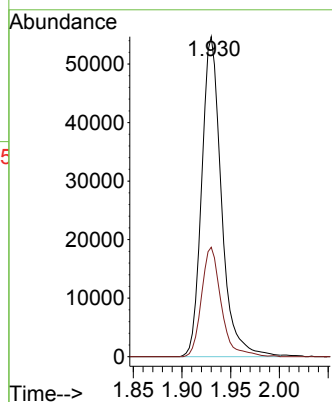
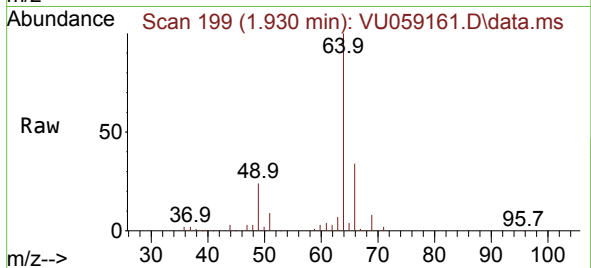
ClientSampleId :

Tgt Ion: 64 Resp: 76941

Ion Ratio Lower Upper

64 100

66 34.2 22.1 41.1



#9

Trichlorofluoromethane

Concen: 53.975 ug/L

RT: 2.136 min Scan# 263

Delta R.T. 0.000 min

Lab File: VU059161.D

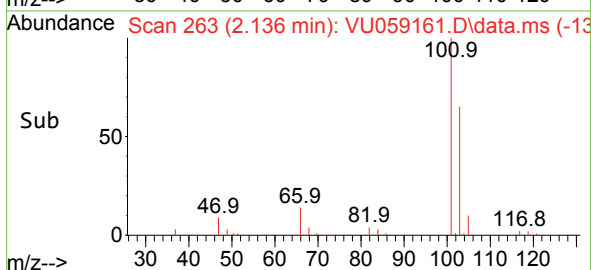
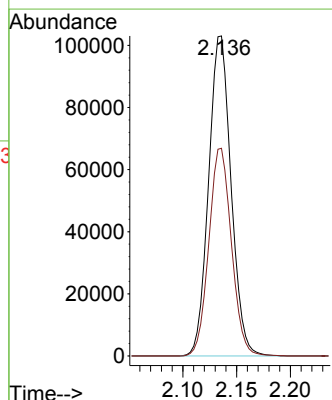
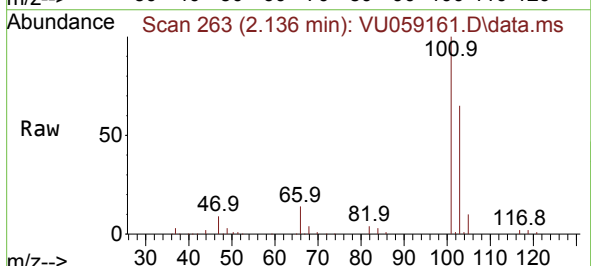
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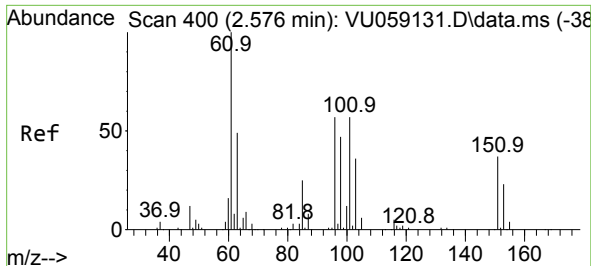
Tgt Ion:101 Resp: 149567

Ion Ratio Lower Upper

101 100

103 65.3 51.8 77.6

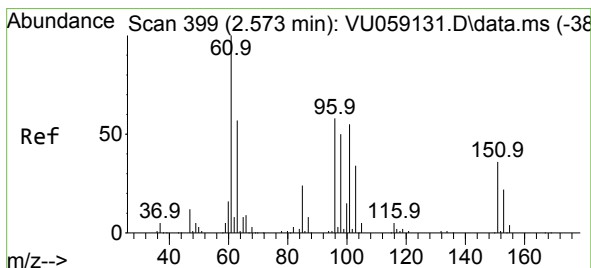
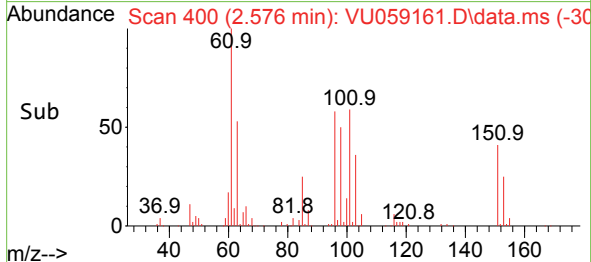
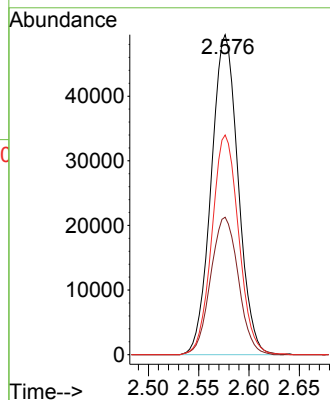
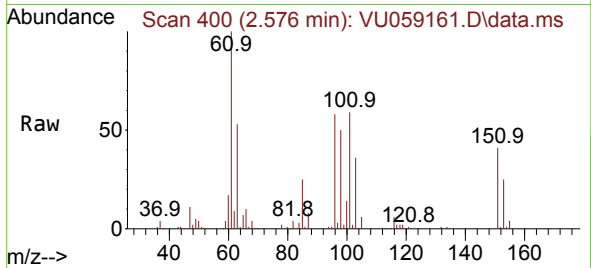




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 57.262 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU059161.D
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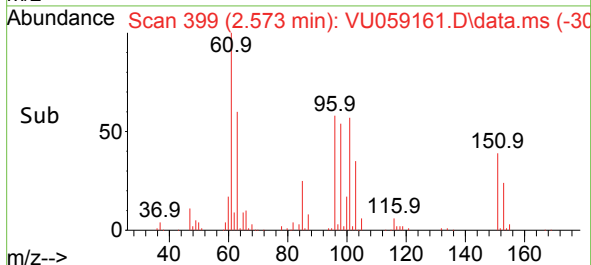
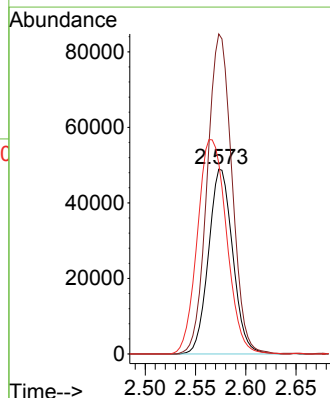
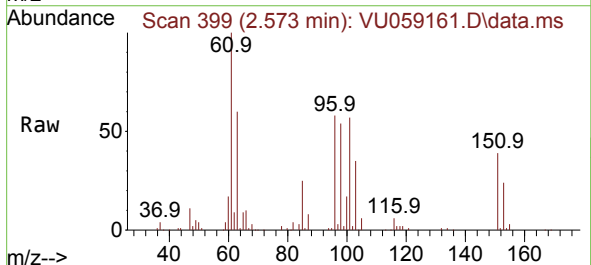
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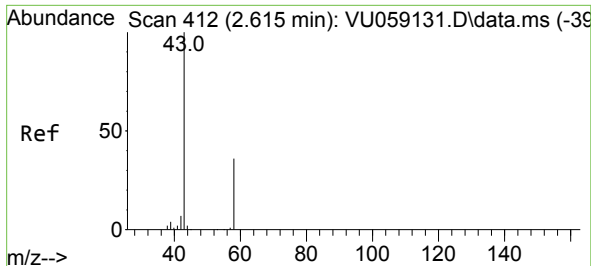
Tgt Ion:101 Resp: 92320
Ion Ratio Lower Upper
101 100
85 44.2 36.7 55.1
151 68.3 52.2 78.2



#12
1,1-Dichloroethene
Concen: 56.050 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU059161.D
Acq: 06 Jun 2024 11:51

Tgt Ion: 96 Resp: 81961
Ion Ratio Lower Upper
96 100
61 173.1 126.3 234.6
63 103.3 78.7 146.1





#13

Acetone

Concen: 120.867 ug/L

RT: 2.615 min Scan# 412

Delta R.T. 0.000 min

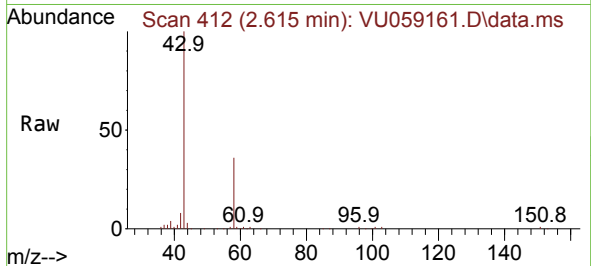
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Acq: 06 Jun 2024 11:51

Instrument :

MSVOA_U

ClientSampleId :

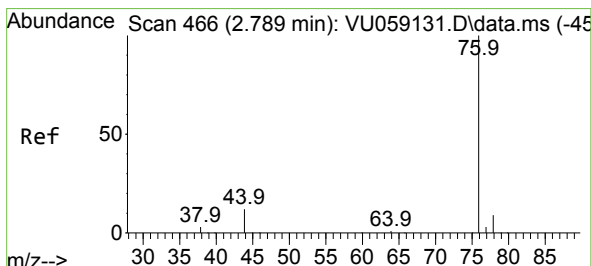
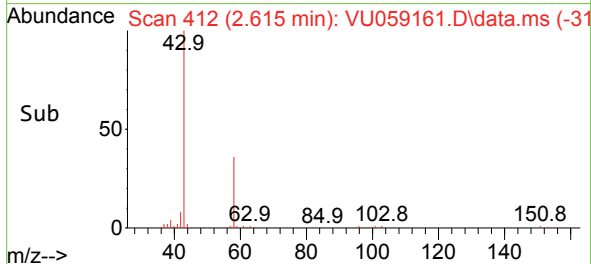
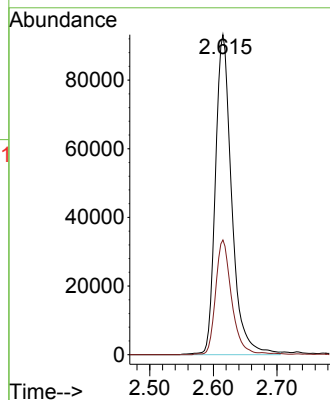


Tgt Ion: 43 Resp: 165924

Ion Ratio Lower Upper

43 100

58 34.4 0.0 68.8



#14

Carbon disulfide

Concen: 54.416 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU059161.D

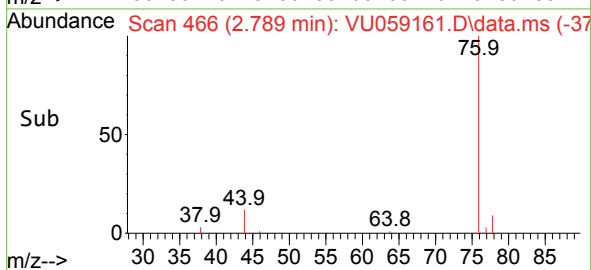
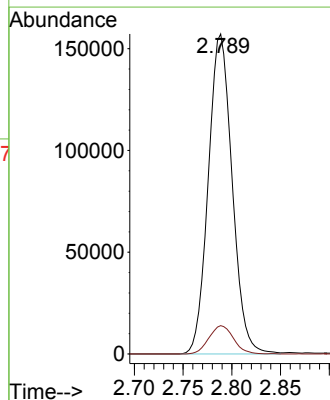
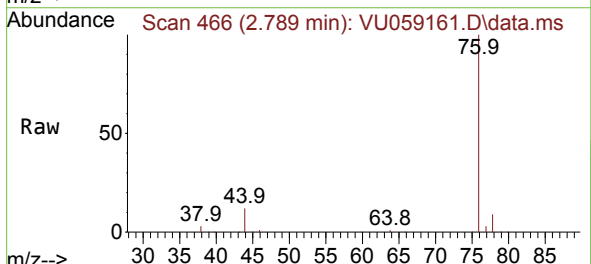
Acq: 06 Jun 2024 11:51

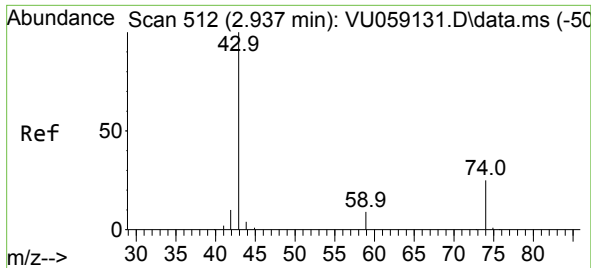
Tgt Ion: 76 Resp: 267985

Ion Ratio Lower Upper

76 100

78 8.8 7.2 10.8

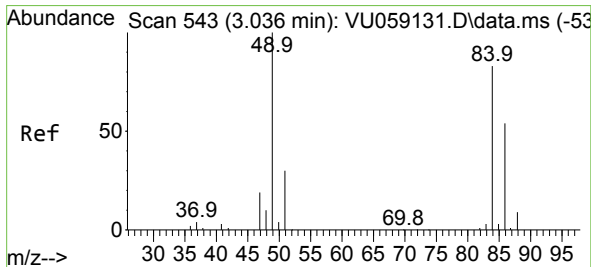
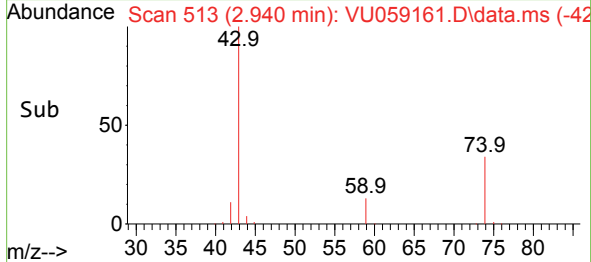
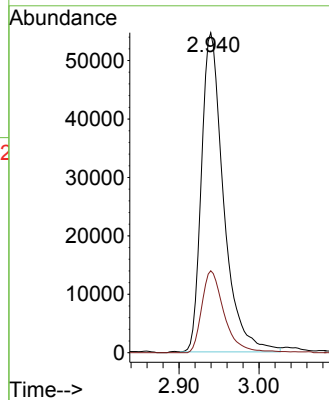
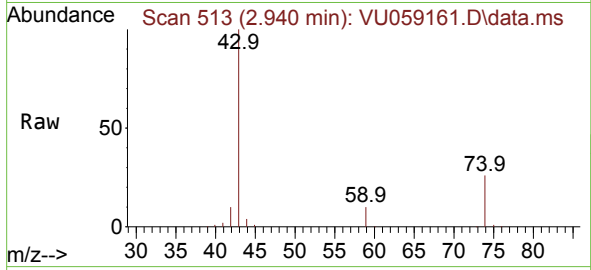




#15
Methyl Acetate
Concen: 48.451 ug/L
RT: 2.940 min Scan# 512
Delta R.T. 0.000 min
Lab File: VU059161.D
Acq: 06 Jun 2024 11:51

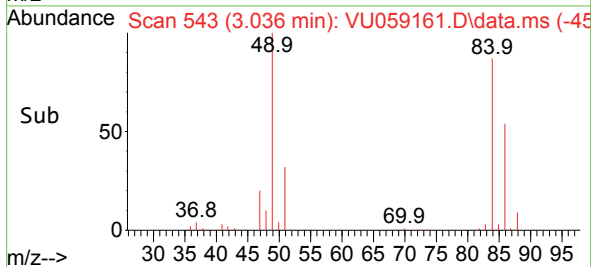
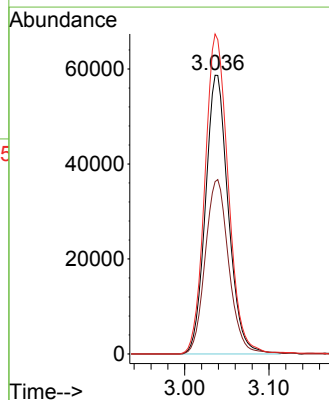
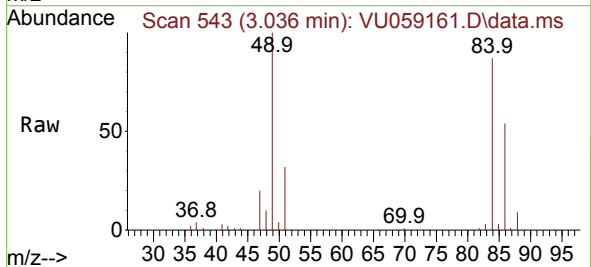
Instrument :
MSVOA_U
ClientSampleId :

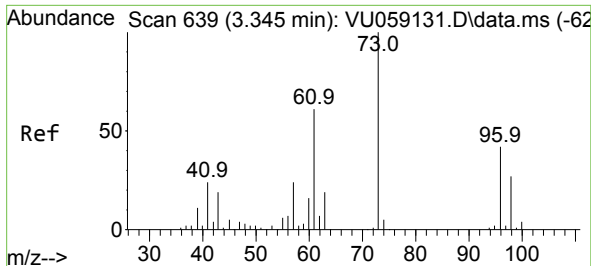
Tgt Ion: 43 Resp: 105357
Ion Ratio Lower Upper
43 100
74 25.6 20.8 31.2



#16
Methylene chloride
Concen: 55.932 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU059161.D
Acq: 06 Jun 2024 11:51

Tgt Ion: 84 Resp: 110666
Ion Ratio Lower Upper
84 100
86 61.8 44.9 83.3
49 114.8 87.5 162.5

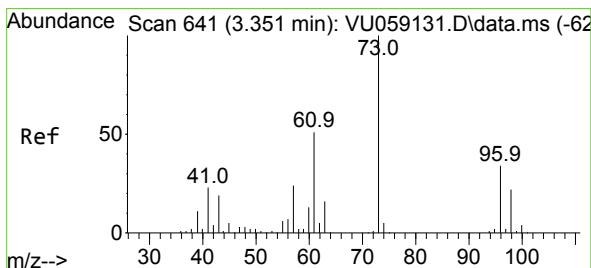
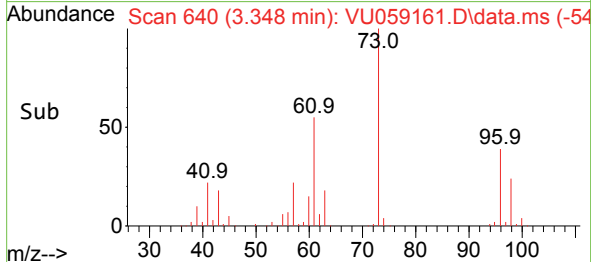
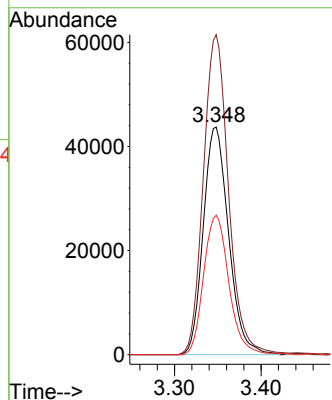
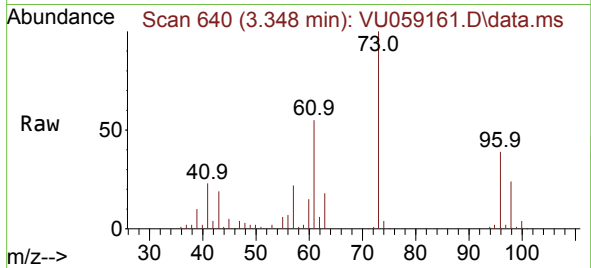




#17
trans-1,2-Dichloroethene
Concen: 56.406 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU059161.D
Acq: 06 Jun 2024 11:51

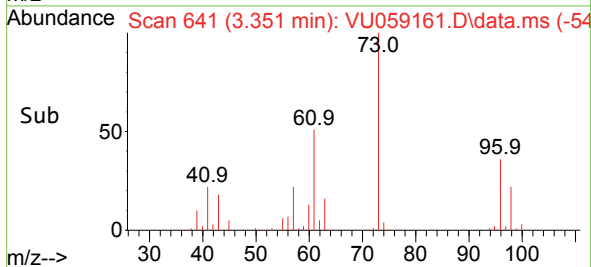
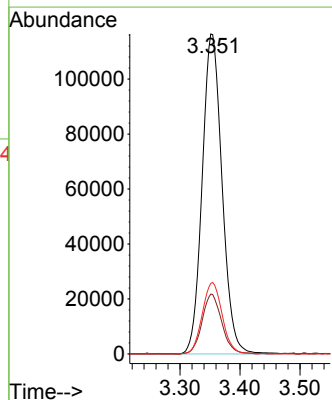
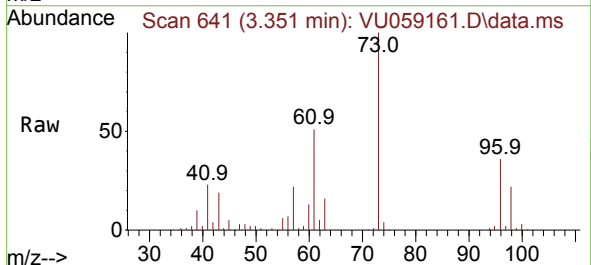
Instrument :
MSVOA_U
ClientSampleId :

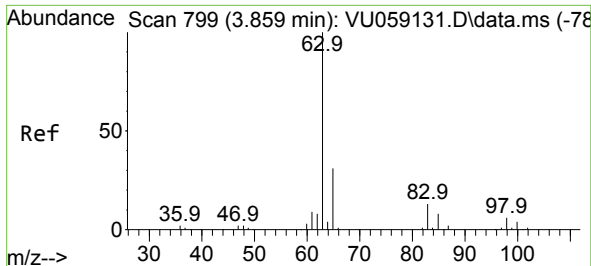
Tgt Ion: 96 Resp: 89025
Ion Ratio Lower Upper
96 100
61 140.6 103.5 192.3
98 61.2 42.4 78.6



#18
Methyl tert-butyl Ether
Concen: 52.434 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU059161.D
Acq: 06 Jun 2024 11:51

Tgt Ion: 73 Resp: 268818
Ion Ratio Lower Upper
73 100
43 18.6 15.6 23.4
57 22.4 18.6 28.0





#19

1,1-Dichloroethane

Concen: 52.494 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.000 min

Lab File: VU059161.D

Acq: 06 Jun 2024 11:51

Instrument :

MSVOA_U

ClientSampleId :

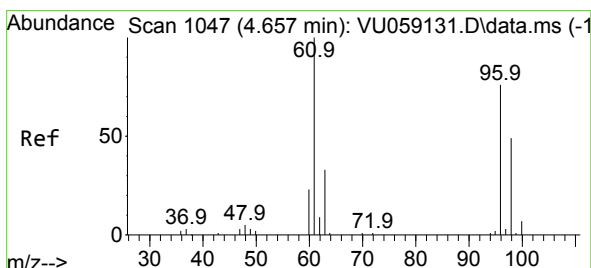
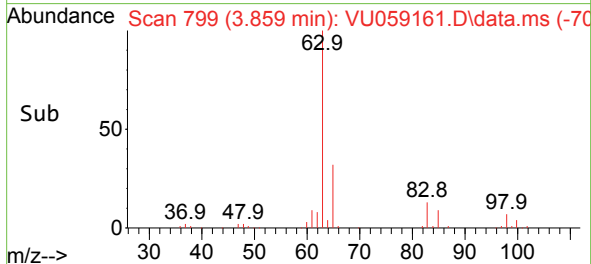
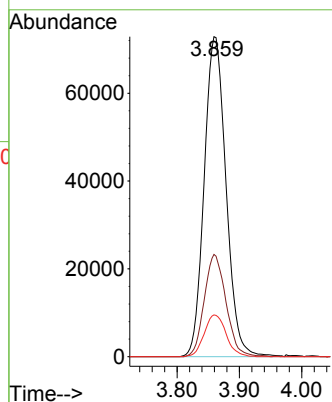
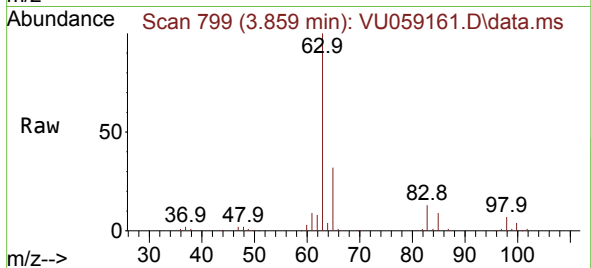
Tgt Ion: 63 Resp: 177588

Ion Ratio Lower Upper

63 100

65 32.0 21.3 39.5

83 13.1 8.8 16.3



#20

cis-1,2-Dichloroethene

Concen: 54.478 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU059161.D

Acq: 06 Jun 2024 11:51

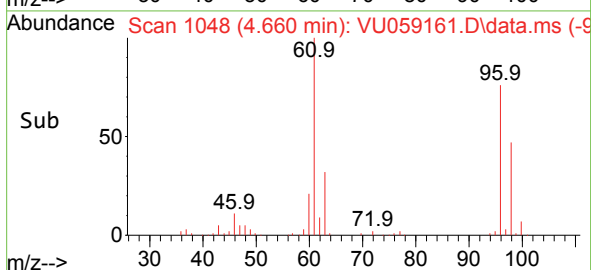
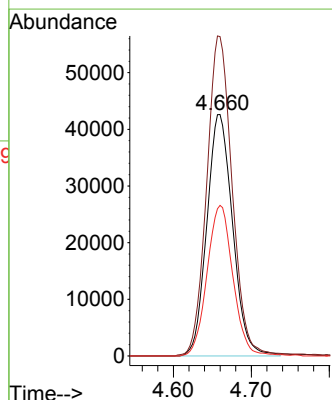
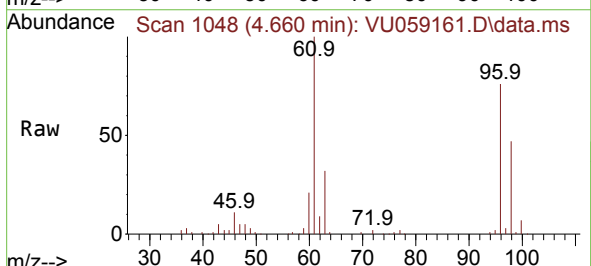
Tgt Ion: 96 Resp: 97979

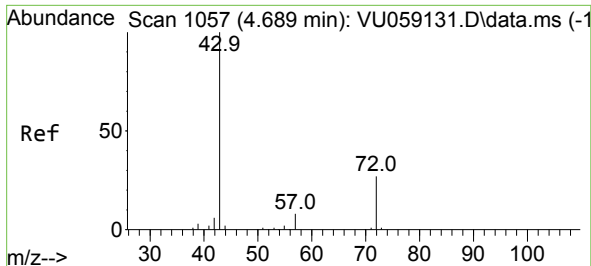
Ion Ratio Lower Upper

96 100

61 132.3 96.2 178.6

98 62.4 45.6 84.6

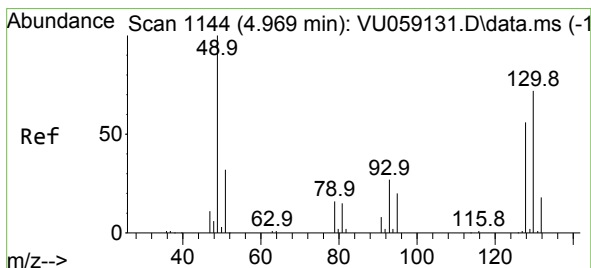
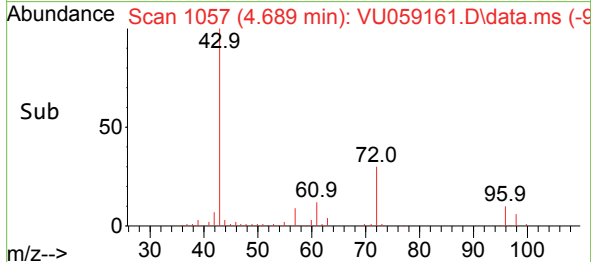
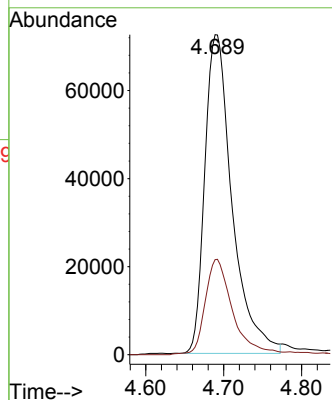
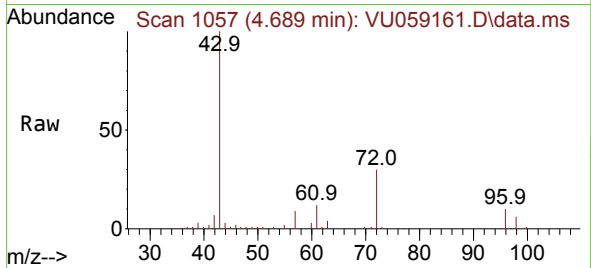




#22
2-Butanone
Concen: 106.193 ug/L
RT: 4.689 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VU059161.D
Acq: 06 Jun 2024 11:51

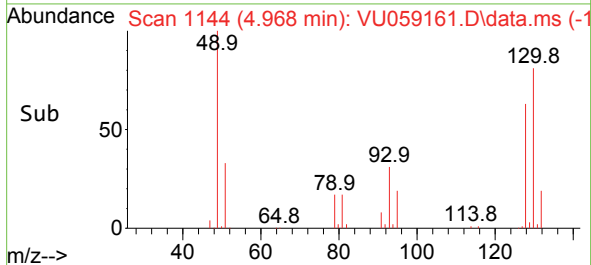
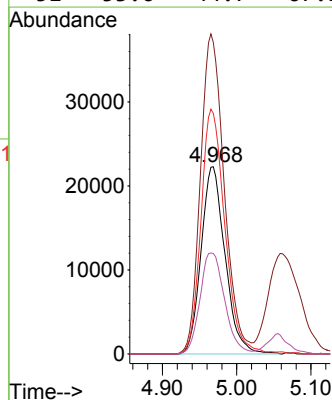
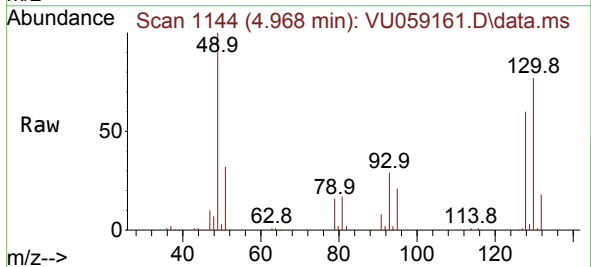
Instrument :
MSVOA_U
ClientSampleId :

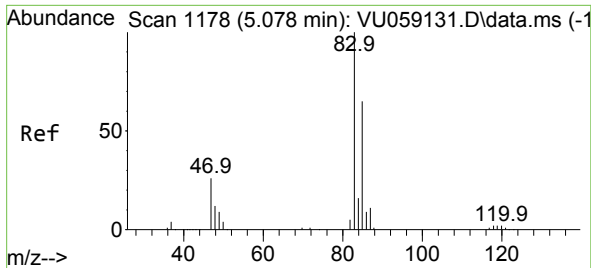
Tgt Ion: 43 Resp: 176493
Ion Ratio Lower Upper
43 100
72 29.9 14.2 42.8



#23
Bromochloromethane
Concen: 54.783 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. 0.003 min
Lab File: VU059161.D
Acq: 06 Jun 2024 11:51

Tgt Ion:128 Resp: 49908
Ion Ratio Lower Upper
128 100
49 166.4 128.4 238.4
130 128.5 86.9 161.3
51 53.6 44.7 67.1

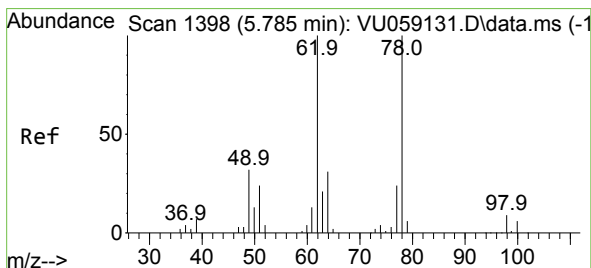
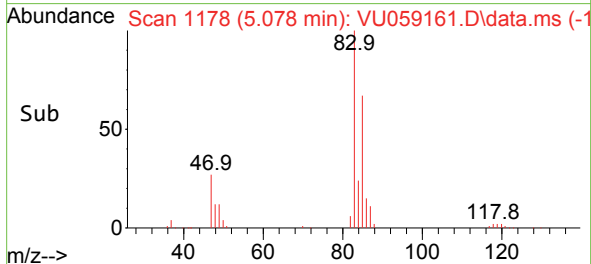
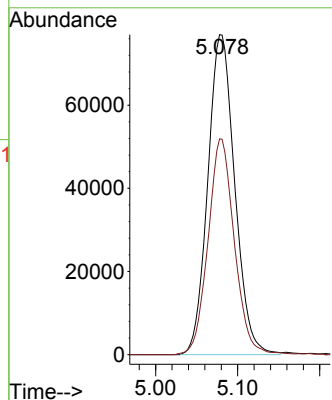
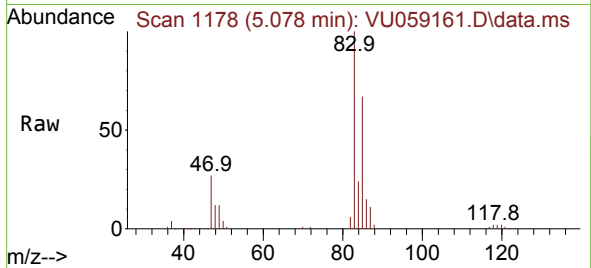




#25
Chloroform
Concen: 53.738 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU059161.D
Acq: 06 Jun 2024 11:51

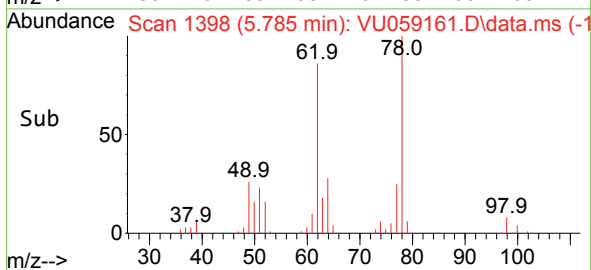
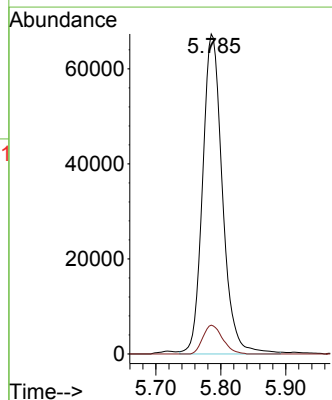
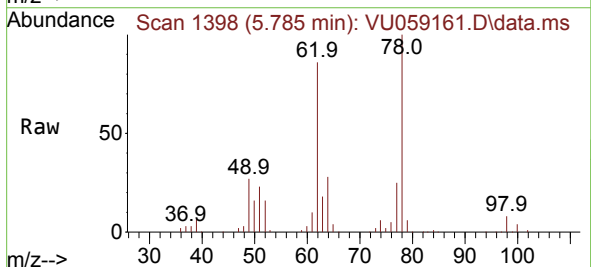
Instrument :
MSVOA_U
ClientSampleId :

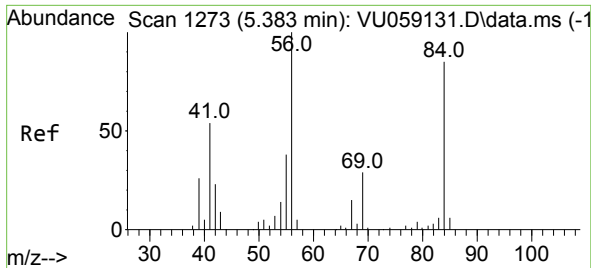
Tgt Ion: 83 Resp: 176033
Ion Ratio Lower Upper
83 100
85 67.5 46.1 85.7



#27
1,2-Dichloroethane
Concen: 51.750 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VU059161.D
Acq: 06 Jun 2024 11:51

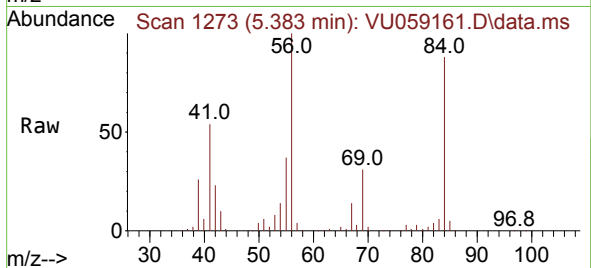
Tgt Ion: 62 Resp: 143207
Ion Ratio Lower Upper
62 100
98 9.0 6.9 10.3



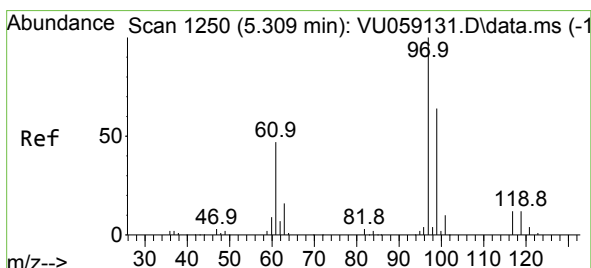
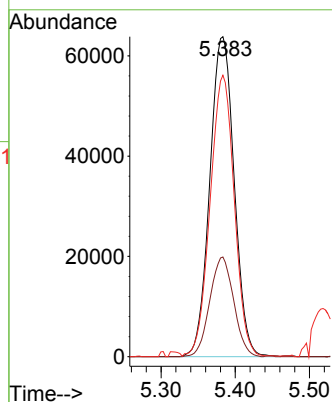
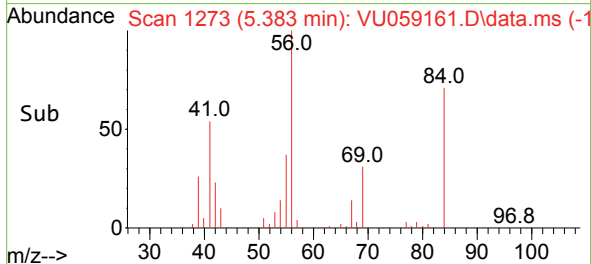


#29
Cyclohexane
Concen: 54.377 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VU059161.D
Acq: 06 Jun 2024 11:51

Instrument :
MSVOA_U
ClientSampleId :

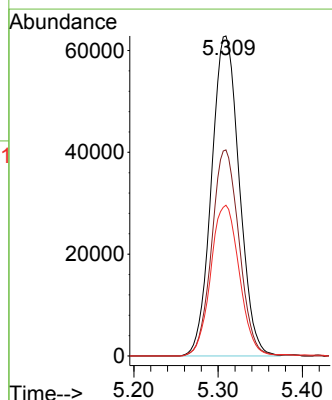
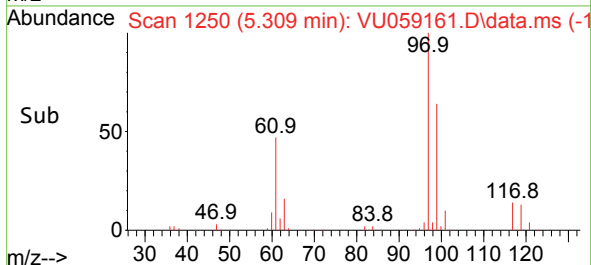
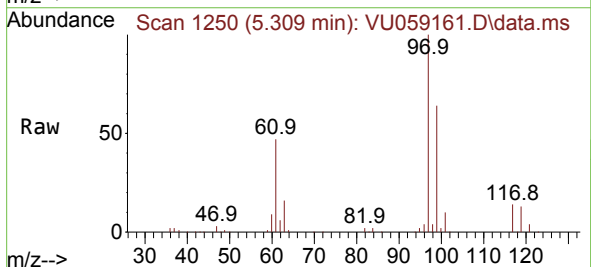


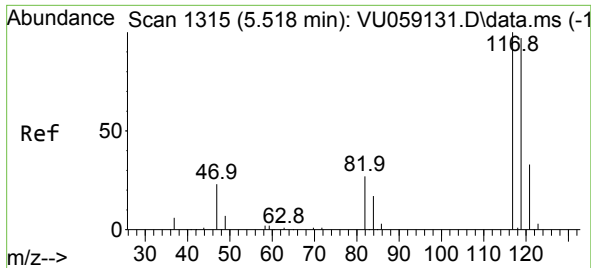
Tgt Ion: 56 Resp: 145715
Ion Ratio Lower Upper
56 100
69 30.5 24.6 37.0
84 87.1 67.4 101.0



#30
1,1,1-Trichloroethane
Concen: 55.148 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU059161.D
Acq: 06 Jun 2024 11:51

Tgt Ion: 97 Resp: 143923
Ion Ratio Lower Upper
97 100
99 63.5 51.6 77.4
61 48.5 39.1 58.7

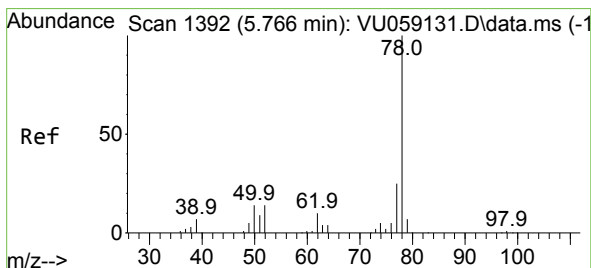
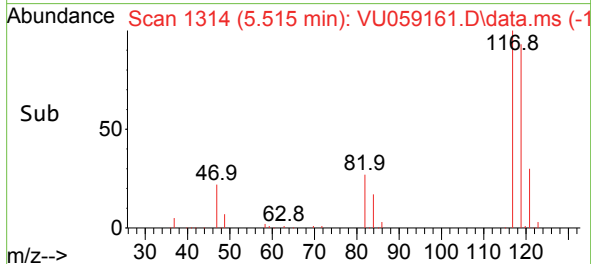
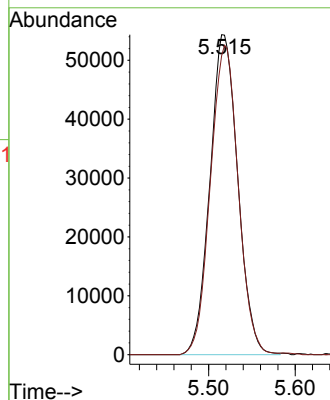
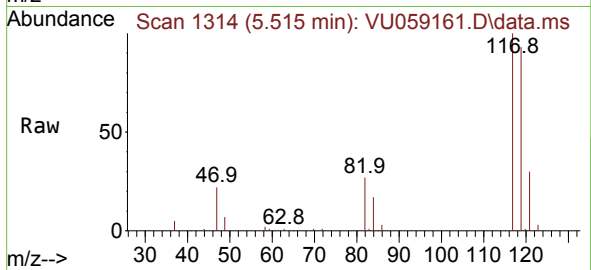




#31
Carbon tetrachloride
Concen: 57.317 ug/L
RT: 5.515 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU059161.D
Acq: 06 Jun 2024 11:51

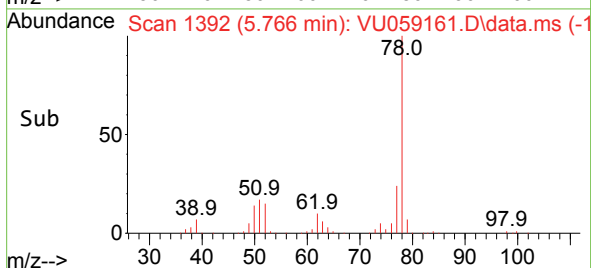
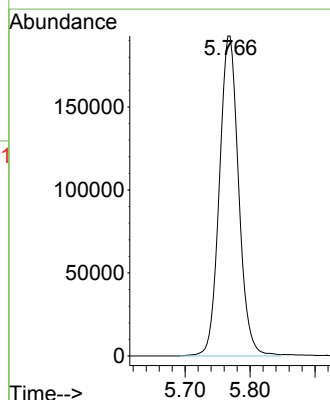
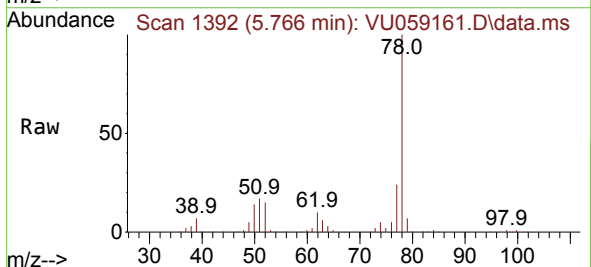
Instrument :
MSVOA_U
ClientSampleId :

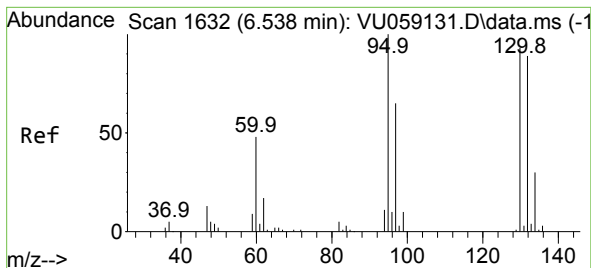
Tgt Ion:117 Resp: 121503
Ion Ratio Lower Upper
117 100
119 96.4 76.9 115.3



#33
Benzene
Concen: 54.596 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU059161.D
Acq: 06 Jun 2024 11:51

Tgt Ion: 78 Resp: 395704





#34

Trichloroethene

Concen: 57.489 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU059161.D

Acq: 06 Jun 2024 11:51

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 102026

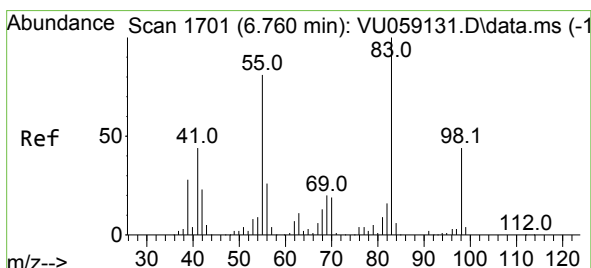
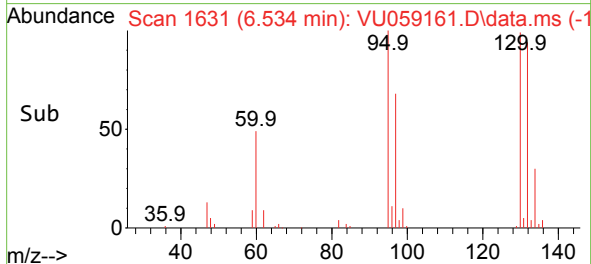
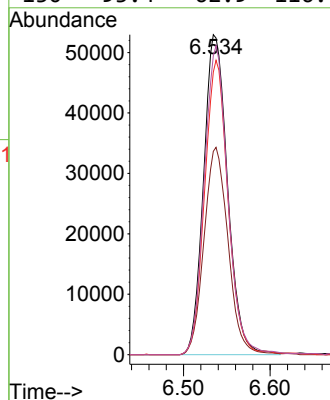
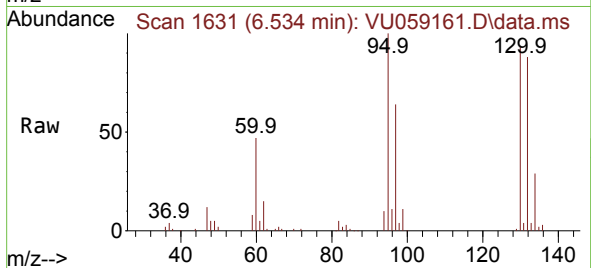
Ion Ratio Lower Upper

95 100

97 63.6 45.2 84.0

132 88.3 60.6 112.6

130 93.4 62.9 116.7



#35

Methylcyclohexane

Concen: 58.729 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU059161.D

Acq: 06 Jun 2024 11:51

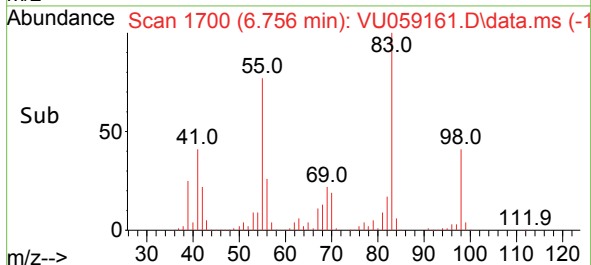
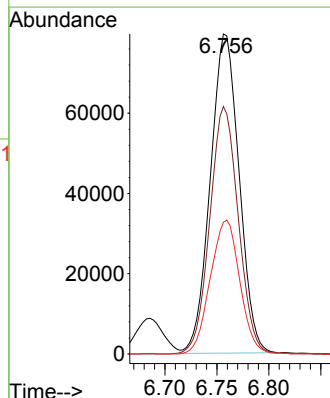
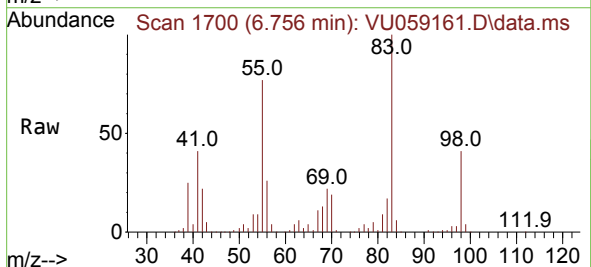
Tgt Ion: 83 Resp: 153246

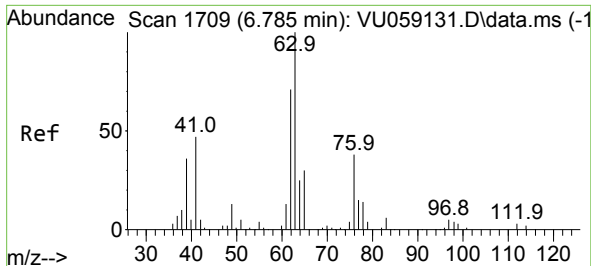
Ion Ratio Lower Upper

83 100

55 76.9 63.9 95.9

98 43.0 34.7 52.1





#37

1,2-Dichloropropane

Concen: 54.271 ug/L

RT: 6.785 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU059161.D

Acq: 06 Jun 2024 11:51

Instrument :

MSVOA_U

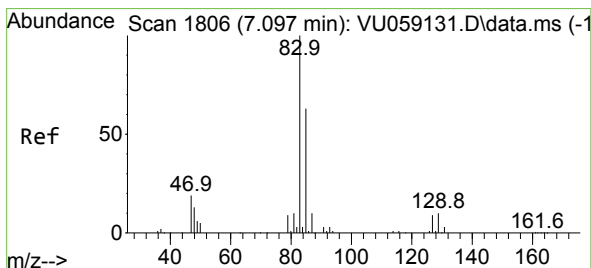
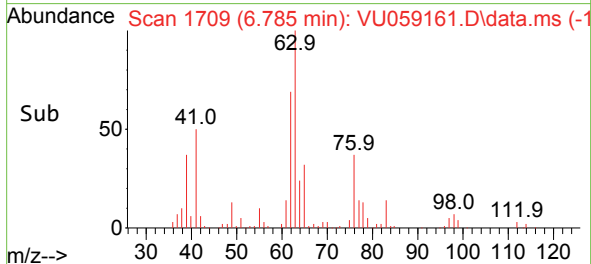
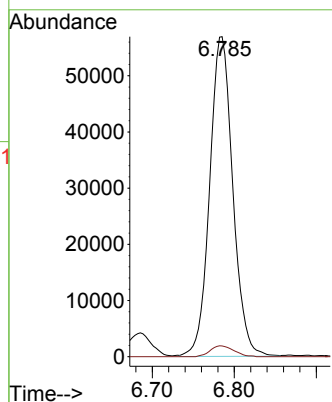
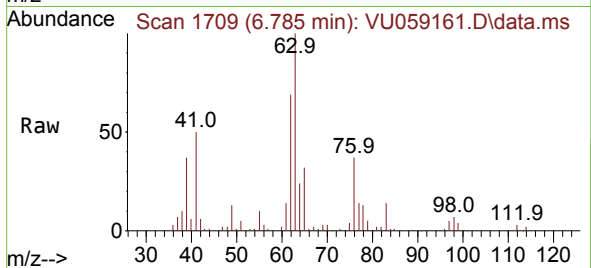
ClientSampleId :

Tgt Ion: 63 Resp: 111696

Ion Ratio Lower Upper

63 100

112 3.5 2.6 4.0



#38

Bromodichloromethane

Concen: 55.838 ug/L

RT: 7.097 min Scan# 1806

Delta R.T. -0.003 min

Lab File: VU059161.D

Acq: 06 Jun 2024 11:51

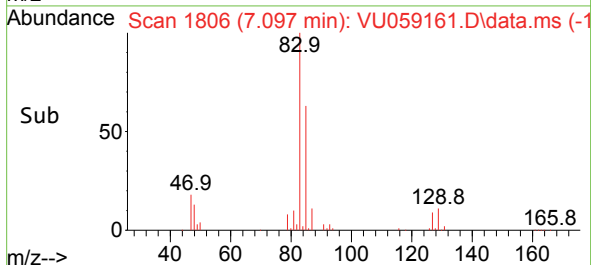
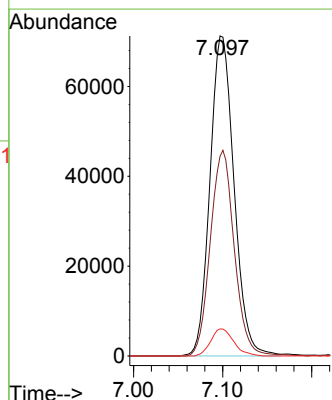
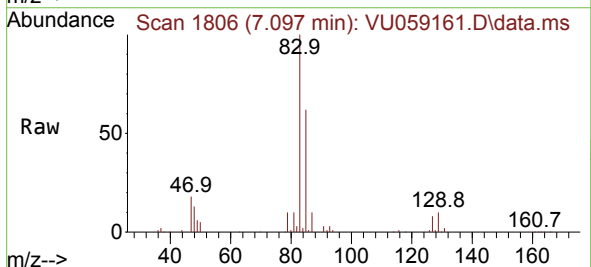
Tgt Ion: 83 Resp: 133863

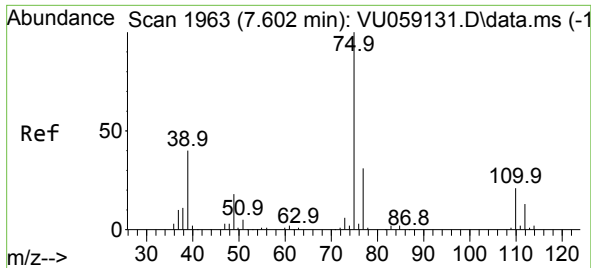
Ion Ratio Lower Upper

83 100

85 62.4 44.0 81.6

127 8.5 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 54.261 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU059161.D

Acq: 06 Jun 2024 11:51

Instrument :

MSVOA_U

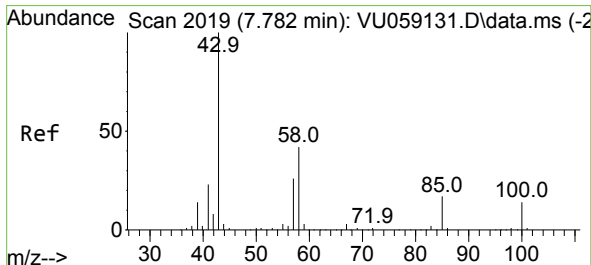
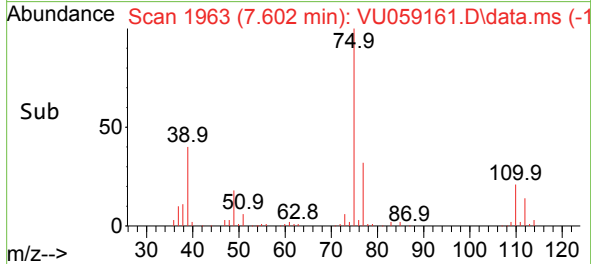
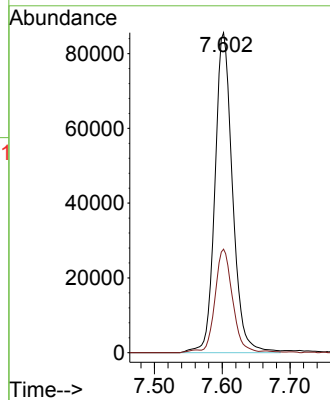
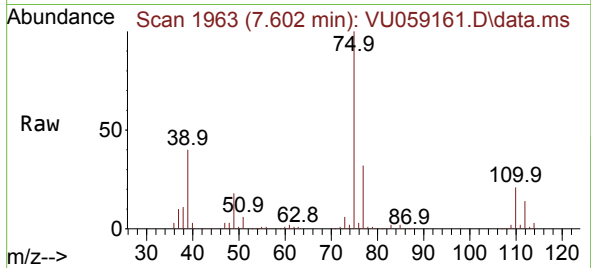
ClientSampleId :

Tgt Ion: 75 Resp: 154514

Ion Ratio Lower Upper

75 100

77 32.4 21.2 39.4



#40

4-Methyl-2-pentanone

Concen: 103.239 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VU059161.D

Acq: 06 Jun 2024 11:51

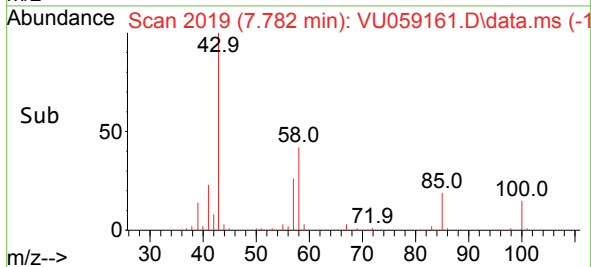
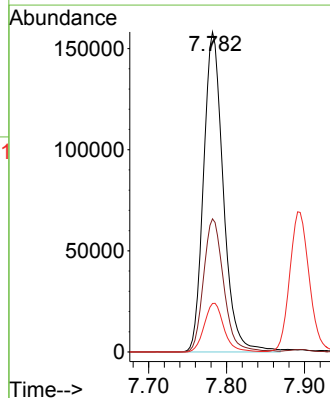
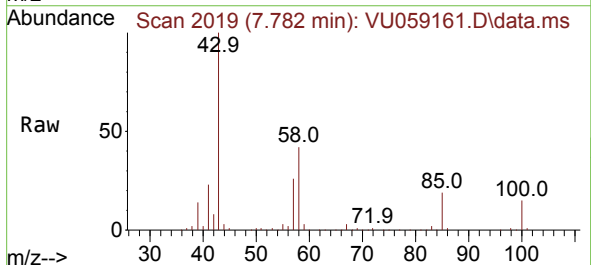
Tgt Ion: 43 Resp: 278558

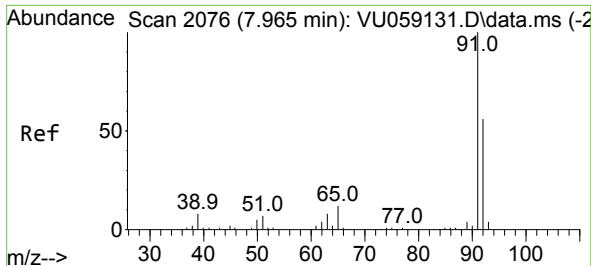
Ion Ratio Lower Upper

43 100

58 42.3 33.7 50.5

100 15.2 11.4 17.0





#42

Toluene

Concen: 58.068 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU059161.D

Acq: 06 Jun 2024 11:51

Instrument :

MSVOA_U

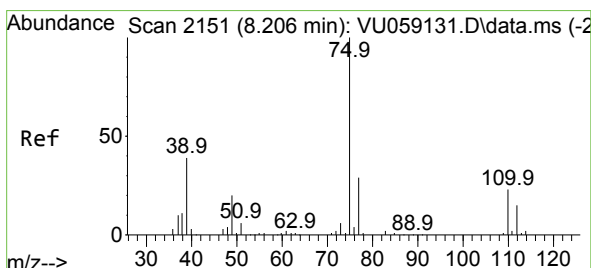
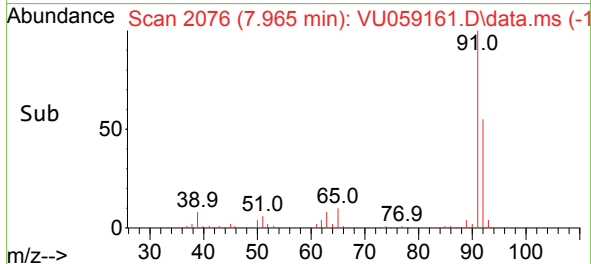
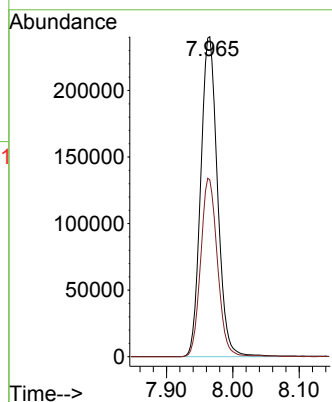
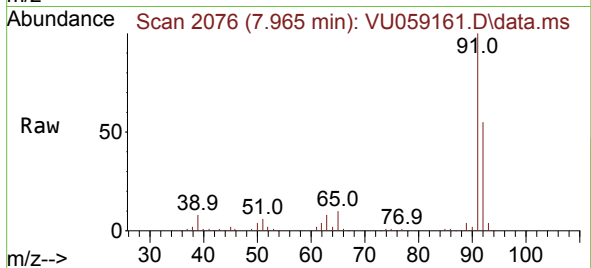
ClientSampleId :

Tgt Ion: 91 Resp: 422464

Ion Ratio Lower Upper

91 100

92 55.3 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 54.972 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU059161.D

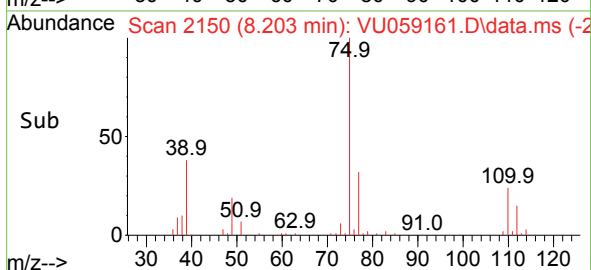
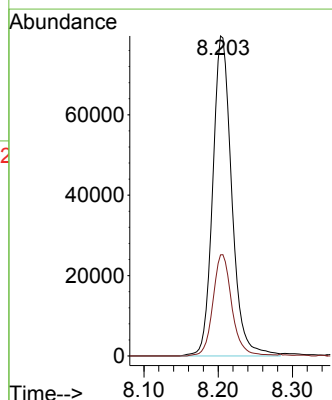
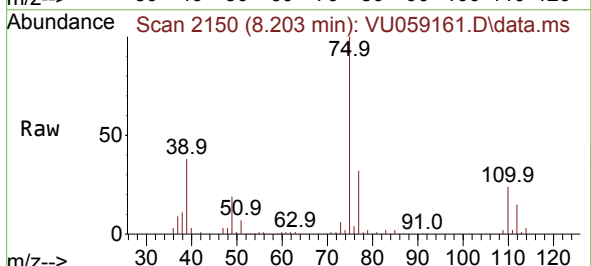
Acq: 06 Jun 2024 11:51

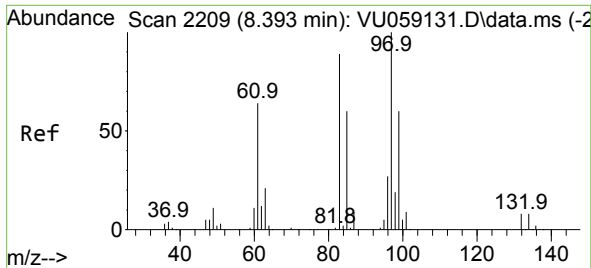
Tgt Ion: 75 Resp: 141717

Ion Ratio Lower Upper

75 100

77 31.6 22.0 40.8



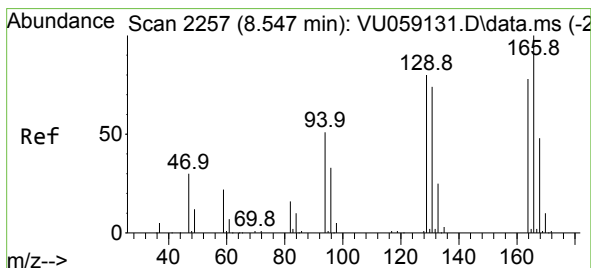
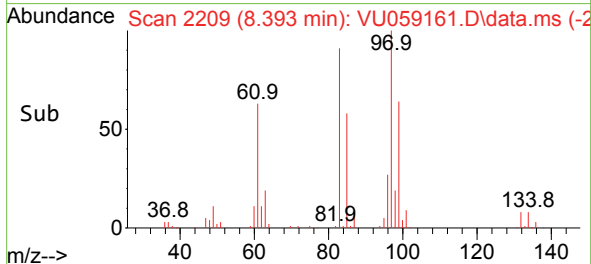
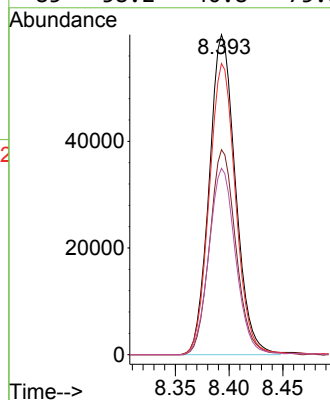
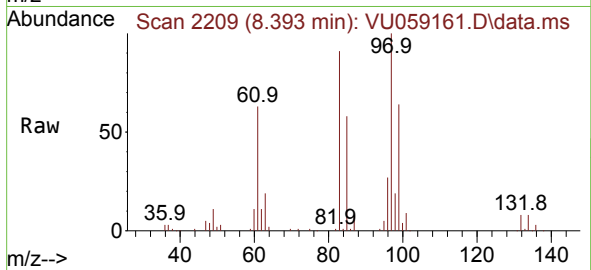


#45
1,1,2-Trichloroethane
Concen: 55.138 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU059161.D
Acq: 06 Jun 2024 11:51

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 102031

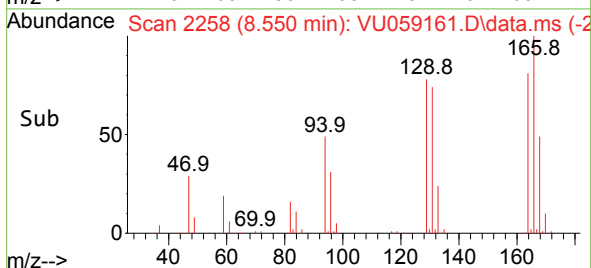
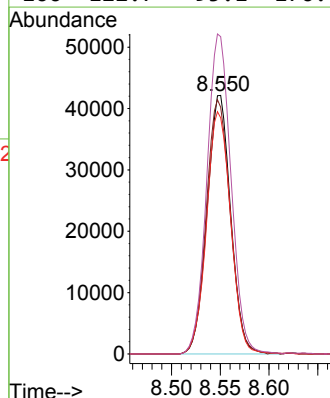
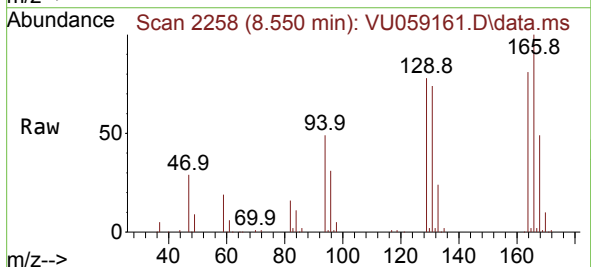
Ion	Ratio	Lower	Upper
97	100		
99	64.0	44.0	81.6
83	91.0	63.6	118.2
85	58.2	40.8	75.8

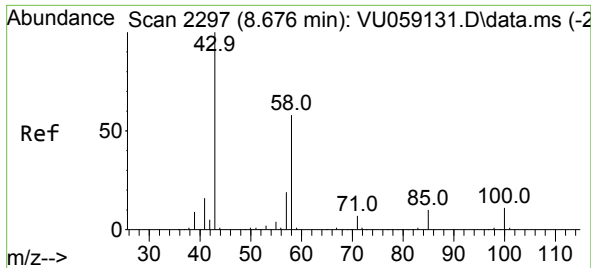


#46
Tetrachloroethene
Concen: 60.191 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU059161.D
Acq: 06 Jun 2024 11:51

Tgt Ion: 164 Resp: 71153

Ion	Ratio	Lower	Upper
164	100		
129	95.4	74.5	138.5
131	91.3	70.6	131.0
166	122.7	95.1	176.7

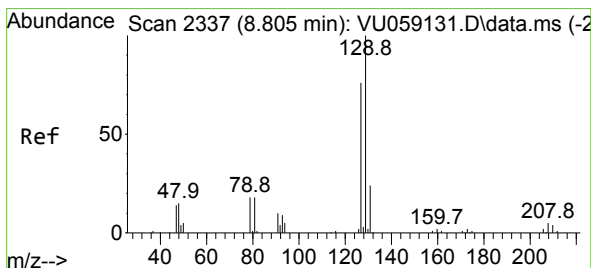
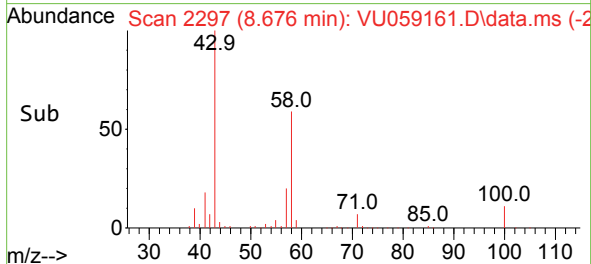
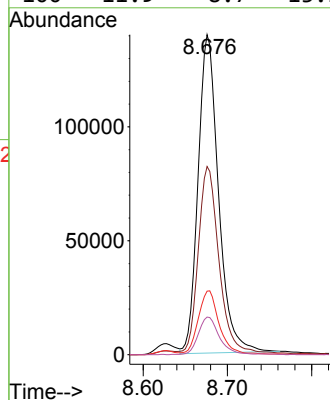
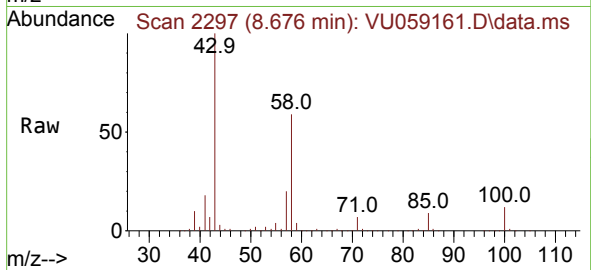




#48
2-Hexanone
Concen: 103.805 ug/L
RT: 8.676 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU059161.D
Acq: 06 Jun 2024 11:51

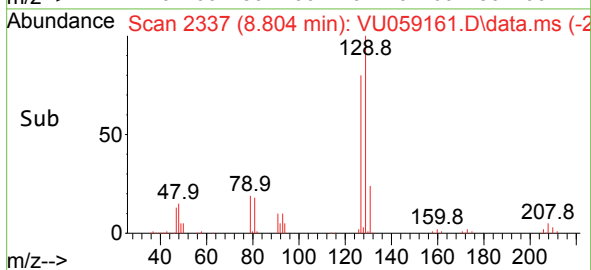
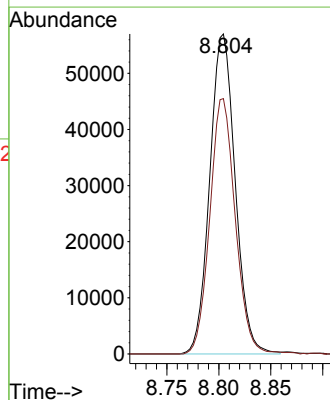
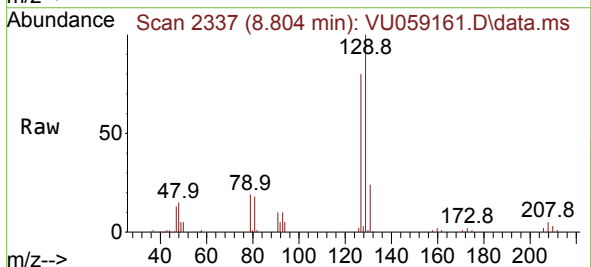
Instrument :
MSVOA_U
ClientSampleId :

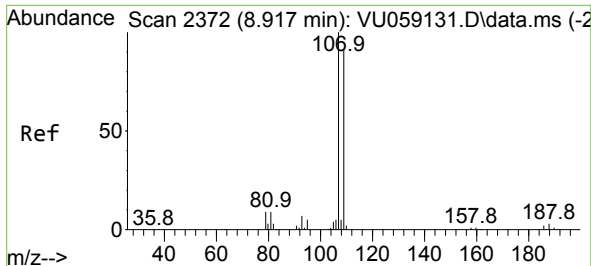
Tgt Ion: 43 Resp: 236221
Ion Ratio Lower Upper
43 100
58 59.4 45.9 68.9
57 19.6 16.3 24.5
100 11.9 8.7 13.1



#49
Dibromochloromethane
Concen: 58.182 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU059161.D
Acq: 06 Jun 2024 11:51

Tgt Ion:129 Resp: 97299
Ion Ratio Lower Upper
129 100
127 79.8 53.3 98.9

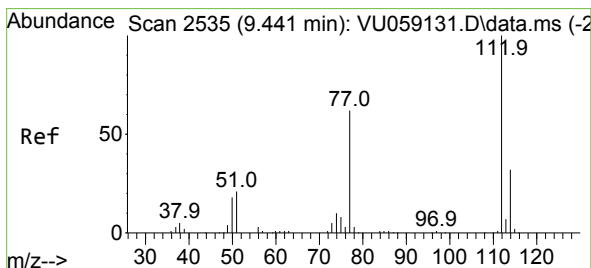
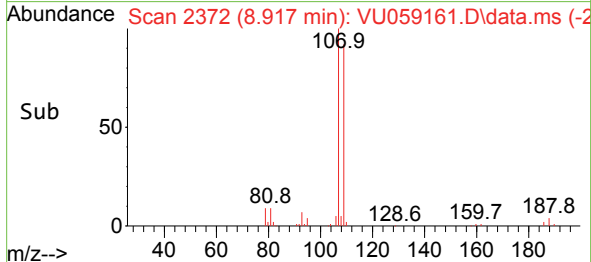
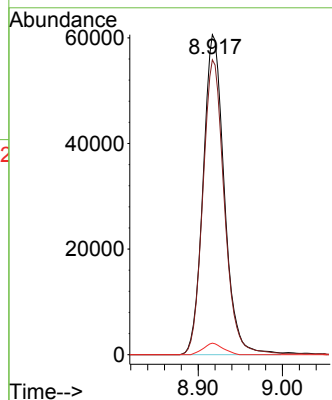
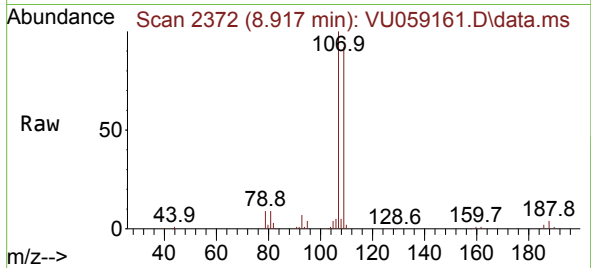




#50
1,2-Dibromoethane
Concen: 55.603 ug/L
RT: 8.917 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU059161.D
Acq: 06 Jun 2024 11:51

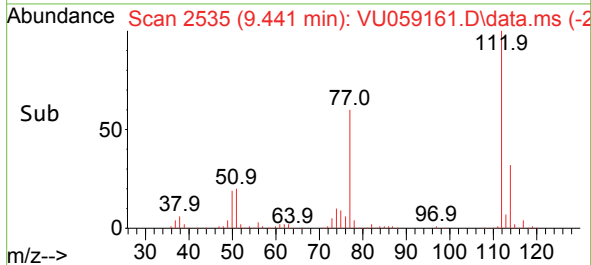
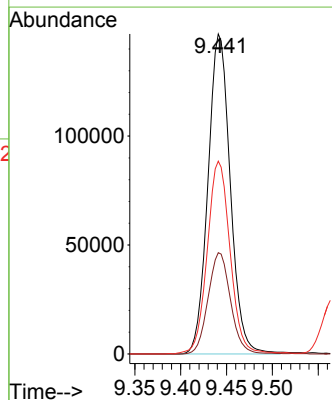
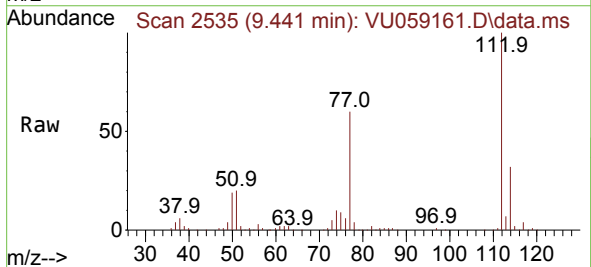
Instrument :
MSVOA_U
ClientSampleId :

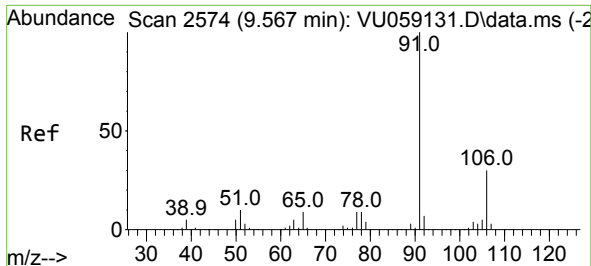
Tgt Ion:107 Resp: 106135
Ion Ratio Lower Upper
107 100
109 92.2 67.8 125.8
188 3.6 2.5 3.7



#51
Chlorobenzene
Concen: 56.552 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU059161.D
Acq: 06 Jun 2024 11:51

Tgt Ion:112 Resp: 248321
Ion Ratio Lower Upper
112 100
114 31.6 22.1 41.1
77 60.2 49.8 74.6

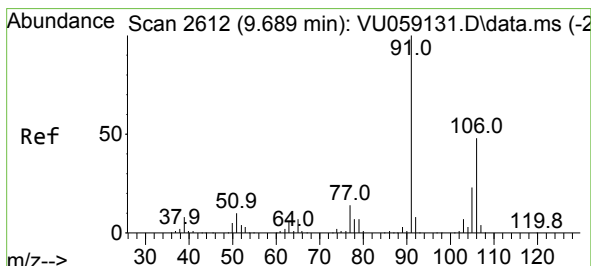
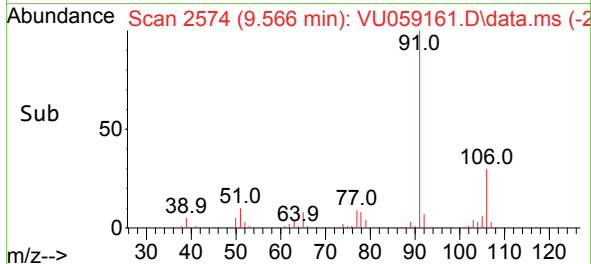
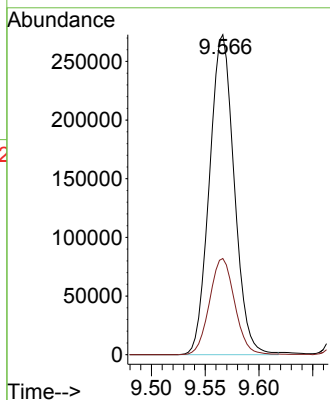
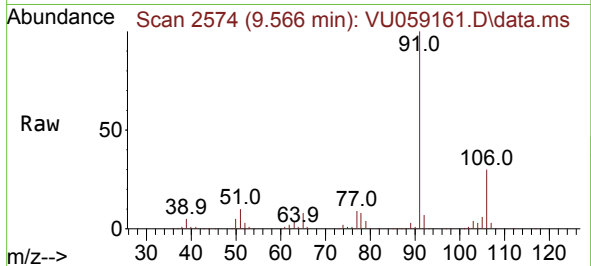




#52
Ethylbenzene
Concen: 58.301 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU059161.D
Acq: 06 Jun 2024 11:51

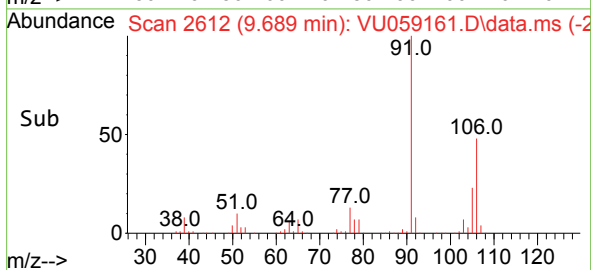
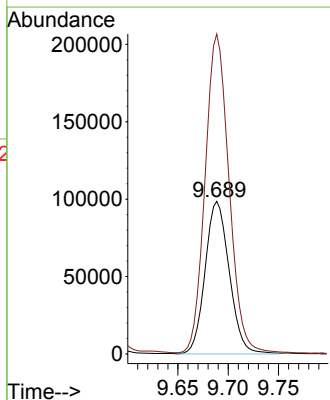
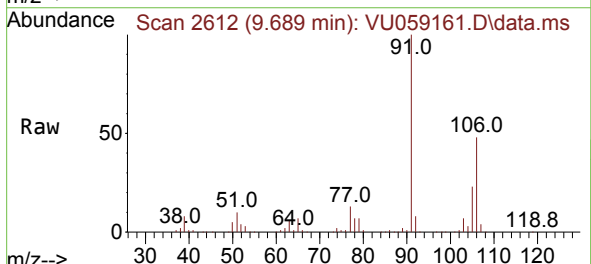
Instrument :
MSVOA_U
ClientSampleId :

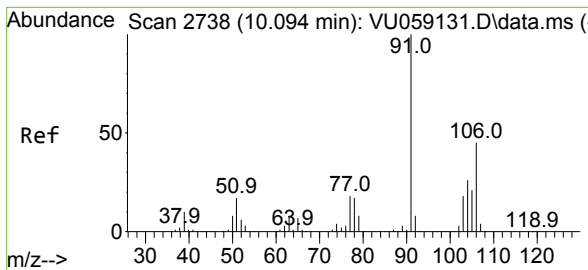
Tgt Ion: 91 Resp: 437280
Ion Ratio Lower Upper
91 100
106 30.1 21.0 39.0



#53
m,p-Xylene
Concen: 59.760 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU059161.D
Acq: 06 Jun 2024 11:51

Tgt Ion: 106 Resp: 164733
Ion Ratio Lower Upper
106 100
91 209.7 146.4 272.0

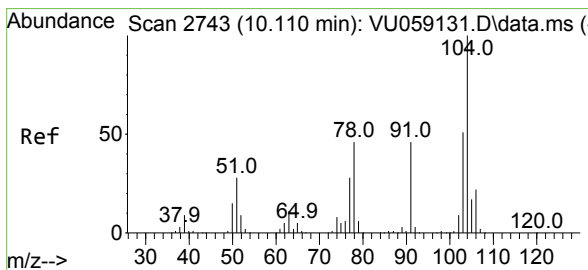
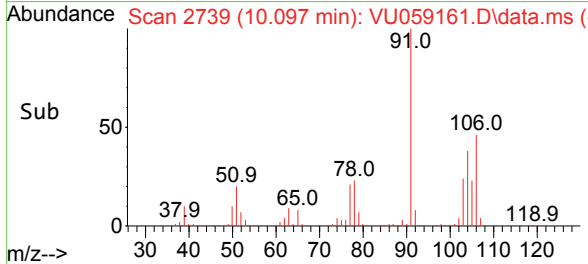
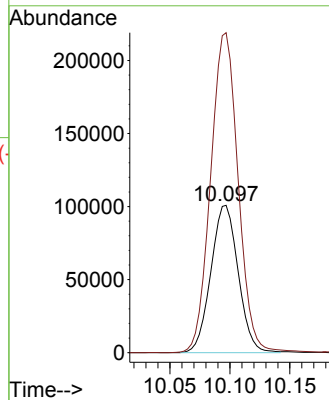
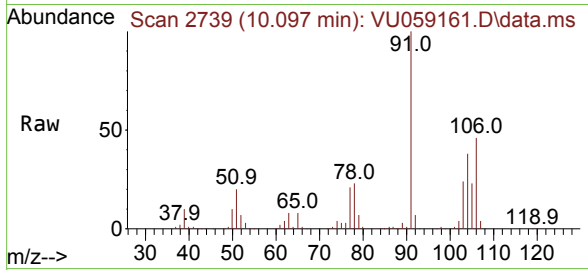




#54
o-Xylene
Concen: 59.743 ug/L
RT: 10.097 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU059161.D
Acq: 06 Jun 2024 11:51

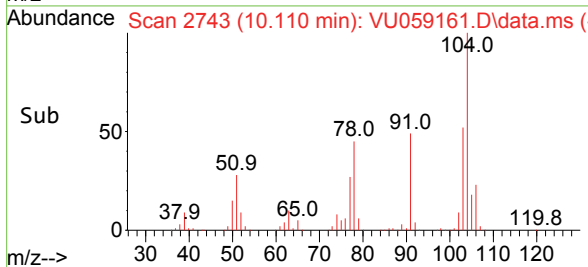
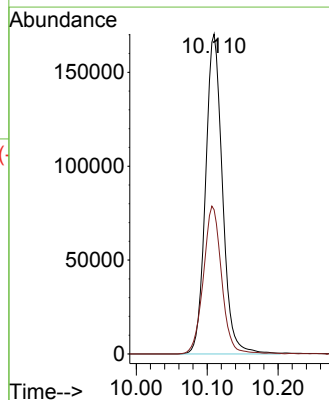
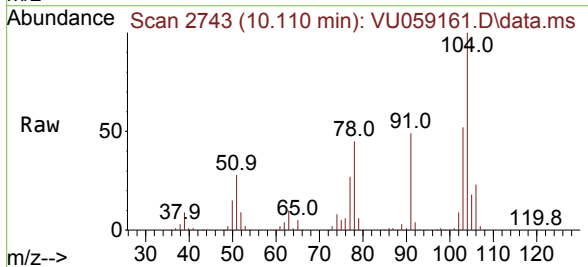
Instrument :
MSVOA_U
ClientSampleId :

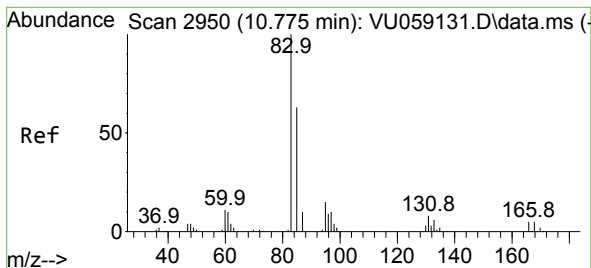
Tgt Ion:106 Resp: 159604
Ion Ratio Lower Upper
106 100
91 217.2 156.7 290.9



#55
Styrene
Concen: 62.260 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU059161.D
Acq: 06 Jun 2024 11:51

Tgt Ion:104 Resp: 282725
Ion Ratio Lower Upper
104 100
78 45.1 34.7 64.5

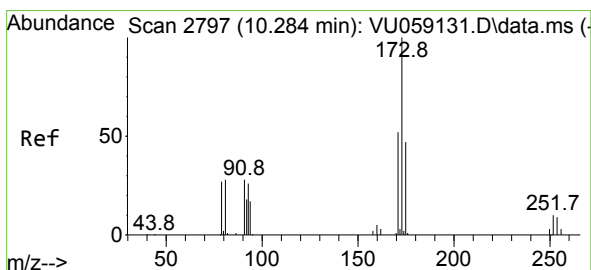
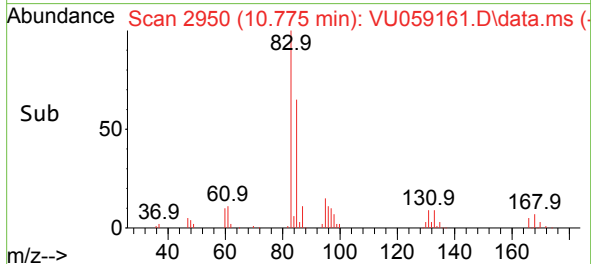
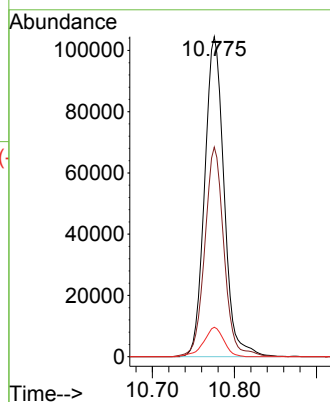
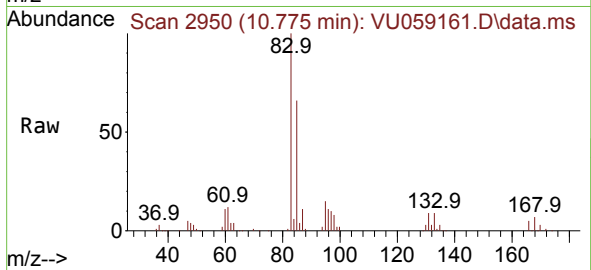




#57
1,1,2,2-Tetrachloroethane
Concen: 50.842 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU059161.D
Acq: 06 Jun 2024 11:51

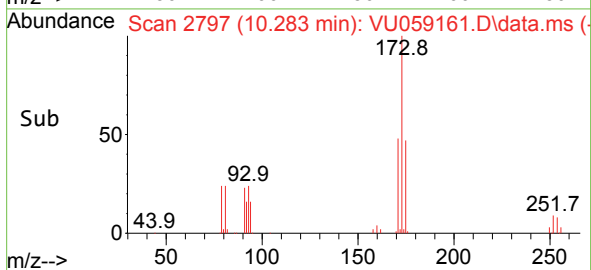
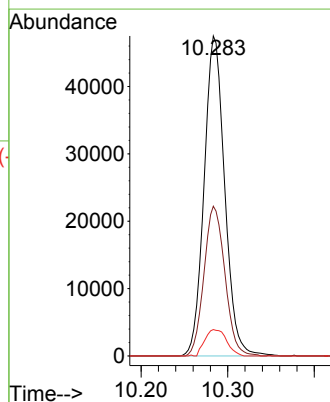
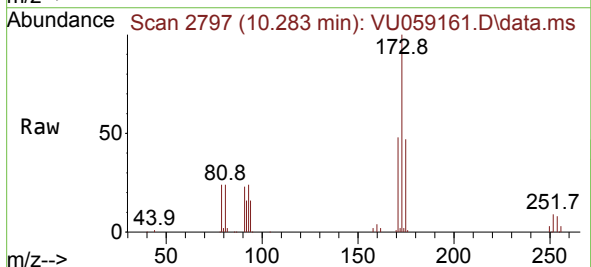
Instrument :
MSVOA_U
ClientSampleId :

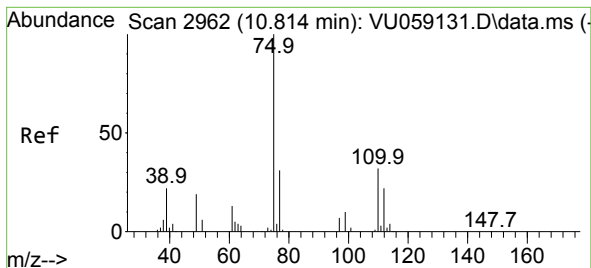
Tgt Ion: 83 Resp: 171385
Ion Ratio Lower Upper
83 100
85 65.5 46.1 85.7
131 9.2 7.0 10.4



#59
Bromoform
Concen: 57.801 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU059161.D
Acq: 06 Jun 2024 11:51

Tgt Ion:173 Resp: 78652
Ion Ratio Lower Upper
173 100
175 47.4 39.0 58.6
254 8.7 7.5 11.3





#60

1,2,3-Trichloropropane

Concen: 48.315 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU059161.D

Acq: 06 Jun 2024 11:51

Instrument :

MSVOA_U

ClientSampleId :

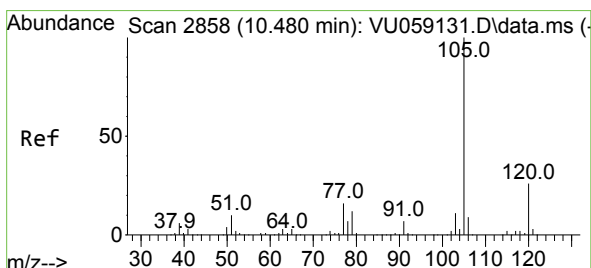
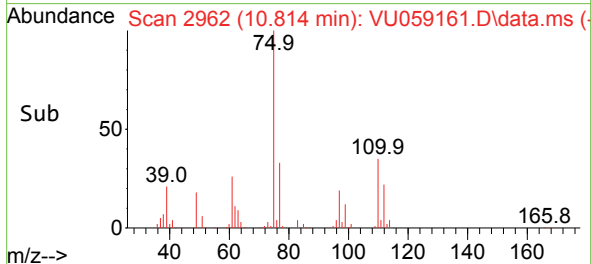
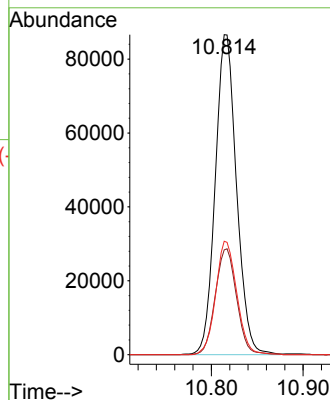
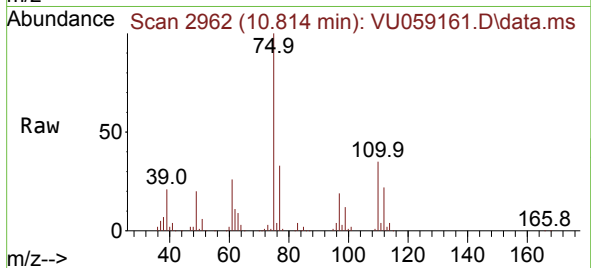
Tgt Ion: 75 Resp: 139439

Ion Ratio Lower Upper

75 100

77 33.3 26.2 39.2

110 35.2 28.4 42.6



#61

Isopropylbenzene

Concen: 57.913 ug/L

RT: 10.480 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU059161.D

Acq: 06 Jun 2024 11:51

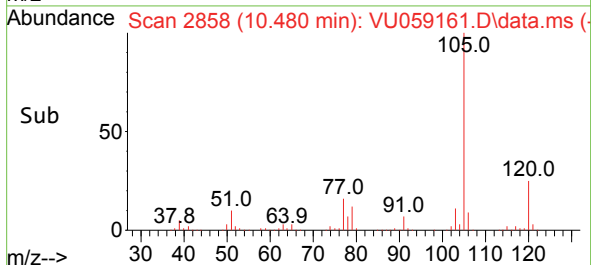
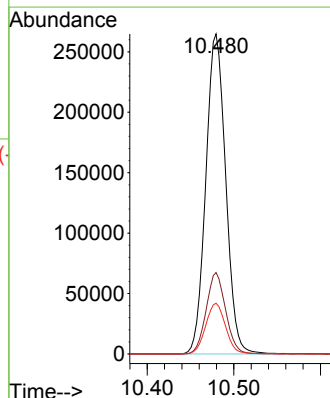
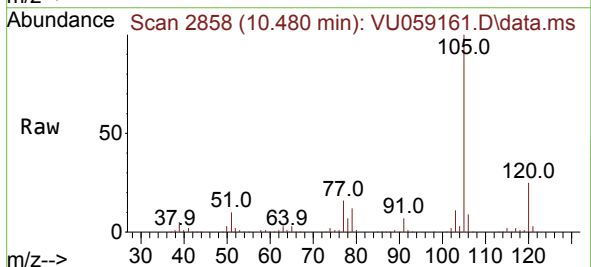
Tgt Ion: 105 Resp: 422842

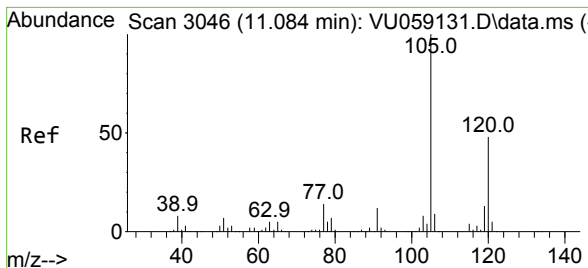
Ion Ratio Lower Upper

105 100

120 24.9 20.3 30.5

77 15.9 13.4 20.0

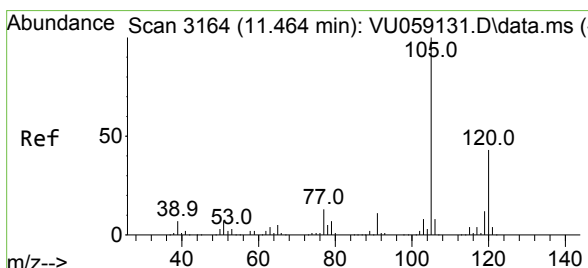
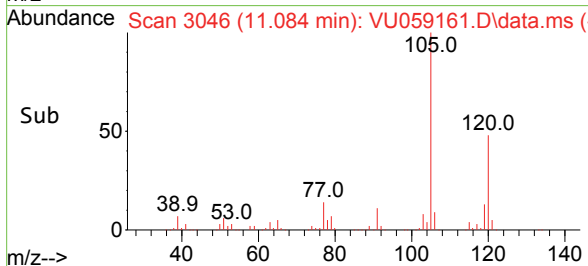
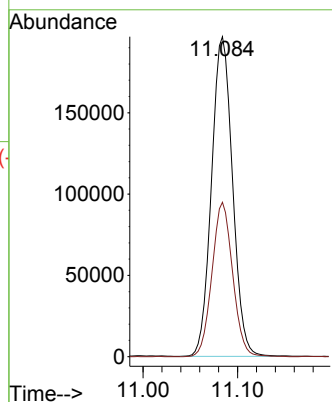
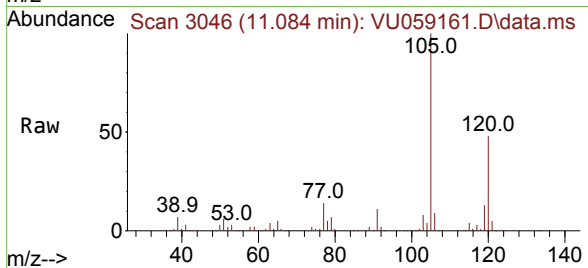




#62
1,3,5-Trimethylbenzene
Concen: 57.454 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU059161.D
Acq: 06 Jun 2024 11:51

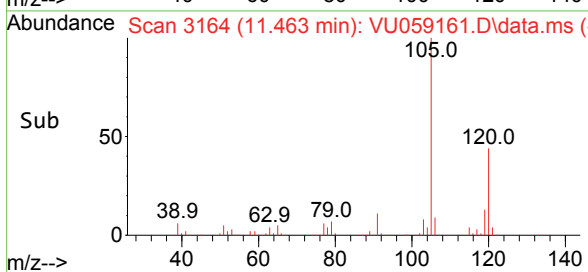
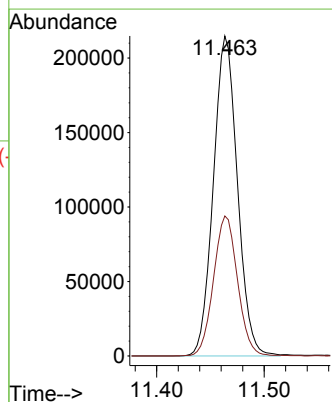
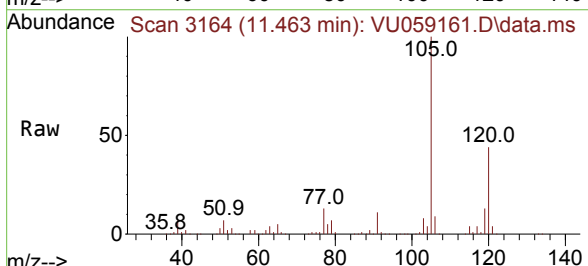
Instrument :
MSVOA_U
ClientSampleId :

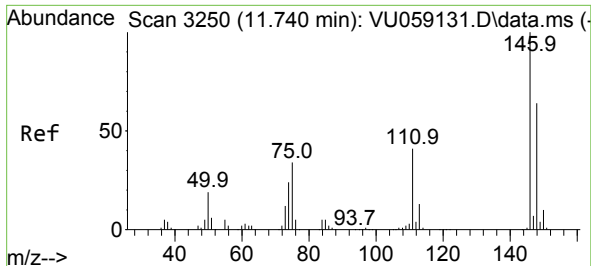
Tgt Ion:105 Resp: 303937
Ion Ratio Lower Upper
105 100
120 47.4 37.8 56.8



#63
1,2,4-Trimethylbenzene
Concen: 58.159 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU059161.D
Acq: 06 Jun 2024 11:51

Tgt Ion:105 Resp: 333521
Ion Ratio Lower Upper
105 100
120 43.8 35.0 52.6

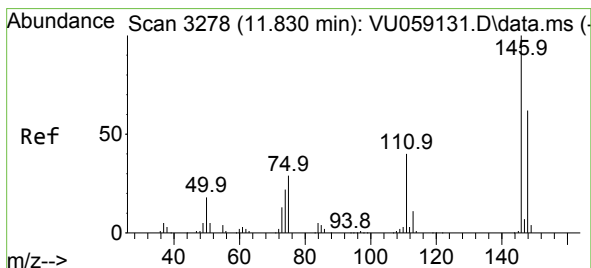
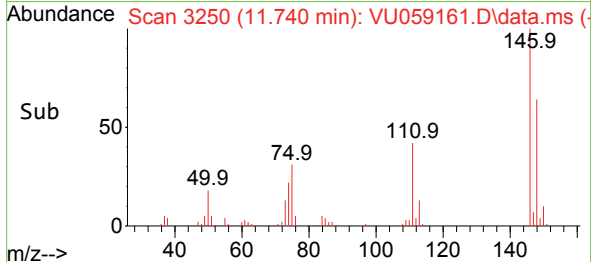
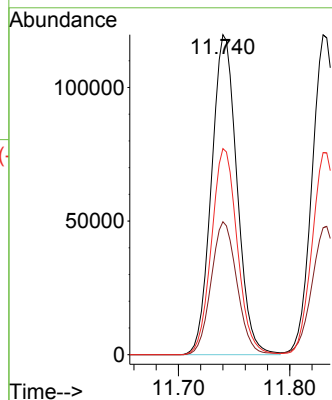
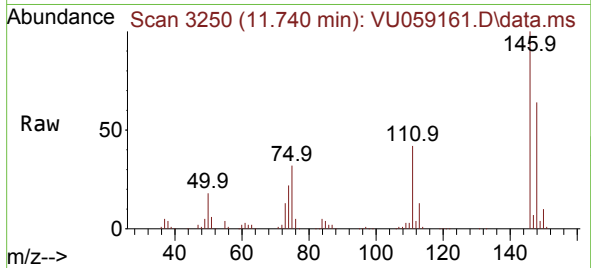




#64
 1,3-Dichlorobenzene
 Concen: 55.827 ug/L
 RT: 11.740 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU059161.D
 Acq: 06 Jun 2024 11:51

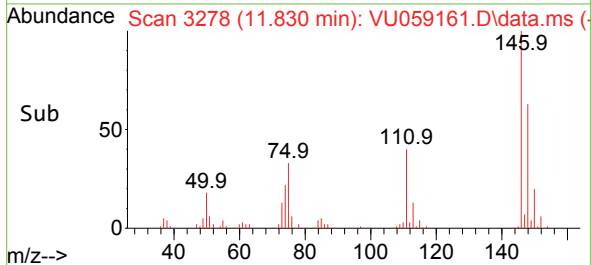
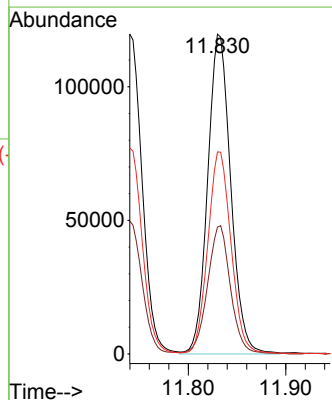
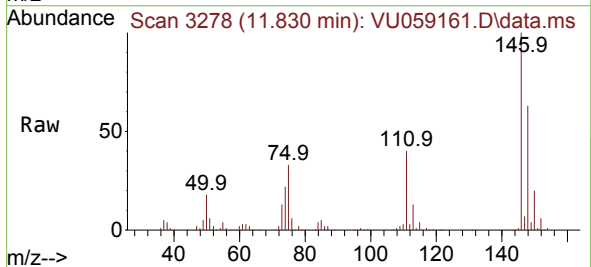
Instrument :
 MSVOA_U
 ClientSampleId :

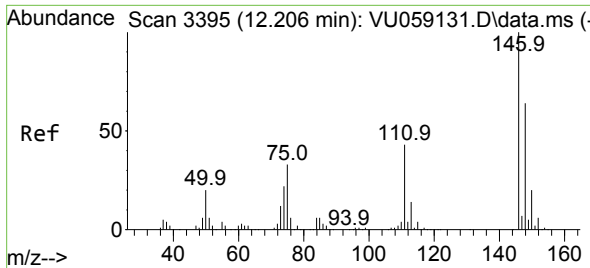
Tgt Ion:146 Resp: 190508
 Ion Ratio Lower Upper
 146 100
 111 41.6 28.7 53.3
 148 64.4 44.9 83.5



#65
 1,4-Dichlorobenzene
 Concen: 55.851 ug/L
 RT: 11.830 min Scan# 3278
 Delta R.T. 0.000 min
 Lab File: VU059161.D
 Acq: 06 Jun 2024 11:51

Tgt Ion:146 Resp: 196834
 Ion Ratio Lower Upper
 146 100
 111 39.7 27.9 51.9
 148 63.2 45.7 84.9

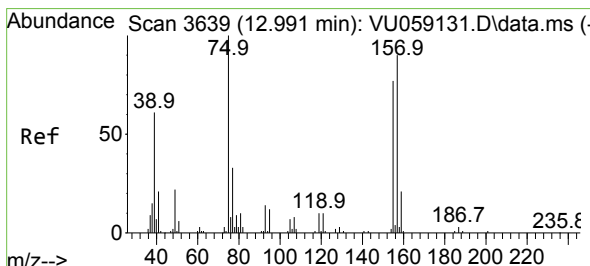
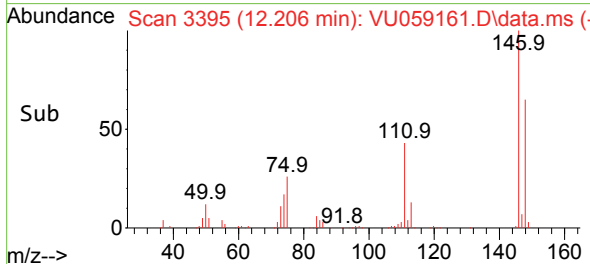
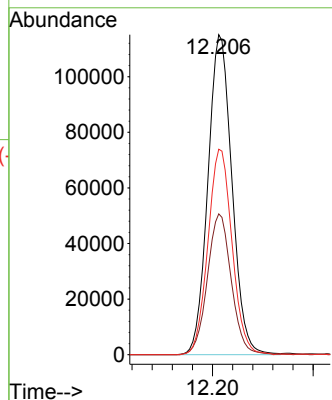
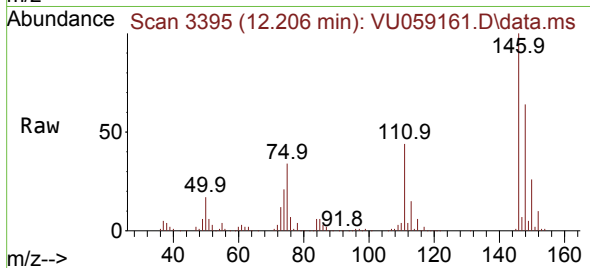




#67
 1,2-Dichlorobenzene
 Concen: 53.504 ug/L
 RT: 12.206 min Scan# 3395
 Delta R.T. 0.000 min
 Lab File: VU059161.D
 Acq: 06 Jun 2024 11:51

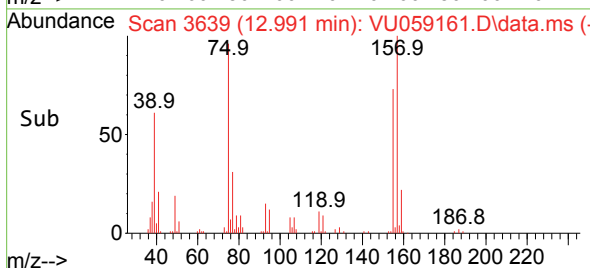
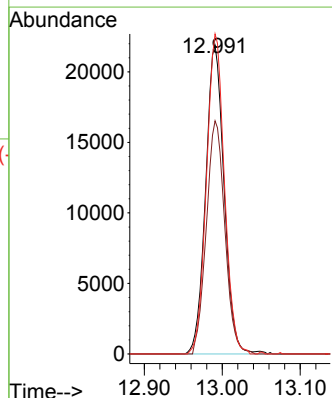
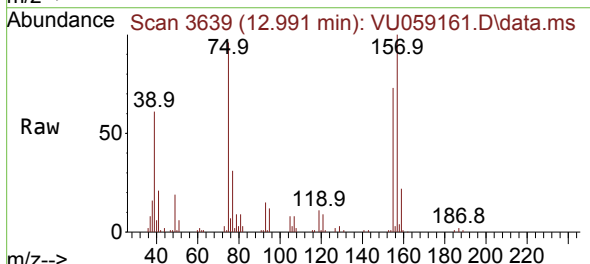
Instrument :
 MSVOA_U
 ClientSampleId :

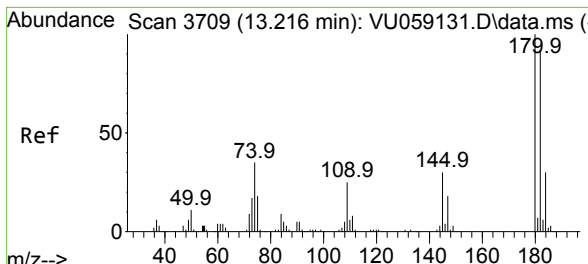
Tgt Ion:146 Resp: 190829
 Ion Ratio Lower Upper
 146 100
 111 44.0 33.4 50.2
 148 64.2 49.8 74.8



#68
 1,2-Dibromo-3-chloropropane
 Concen: 49.354 ug/L
 RT: 12.991 min Scan# 3639
 Delta R.T. 0.000 min
 Lab File: VU059161.D
 Acq: 06 Jun 2024 11:51

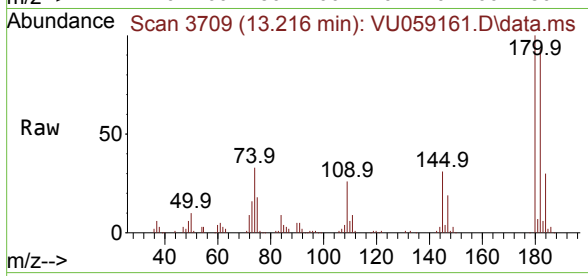
Tgt Ion: 75 Resp: 36110
 Ion Ratio Lower Upper
 75 100
 155 75.6 57.5 86.3
 157 103.8 73.4 110.2



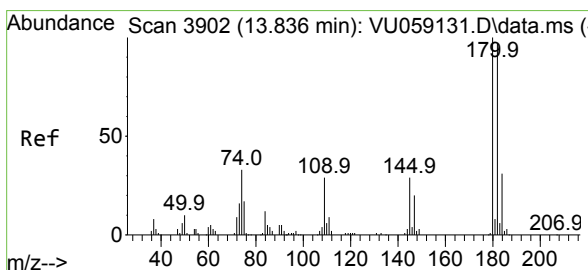
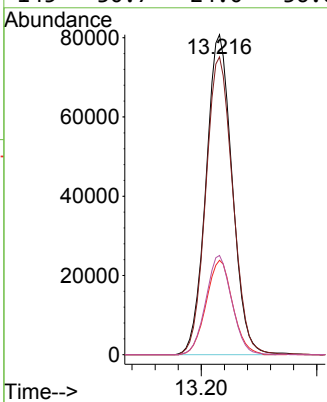
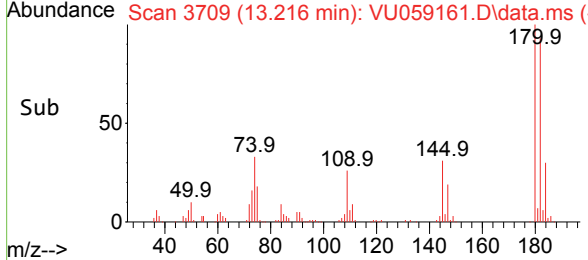


#69
 1,3,5-Trichlorobenzene
 Concen: 56.449 ug/L
 RT: 13.216 min Scan# 3709
 Delta R.T. 0.003 min
 Lab File: VU059161.D
 Acq: 06 Jun 2024 11:51

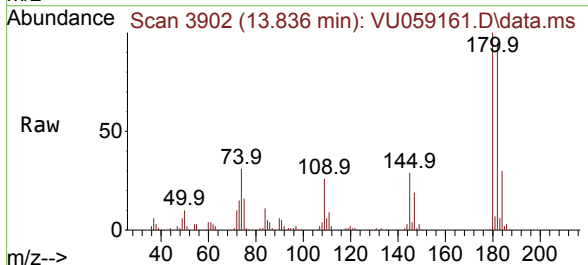
Instrument :
 MSVOA_U
 ClientSampleId :



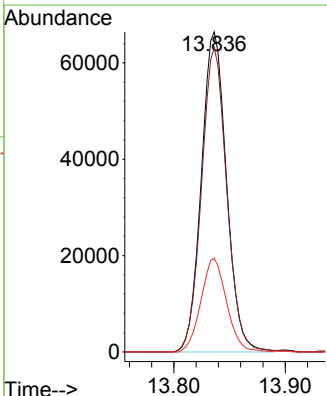
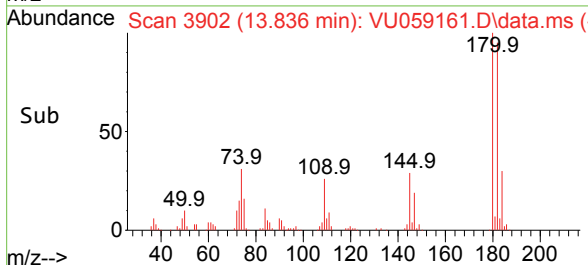
Tgt Ion:	180	Resp:	127218
Ion Ratio	Lower	Upper	
180	100		
182	95.4	75.6	113.4
184	29.8	24.2	36.2
145	30.7	24.0	36.0

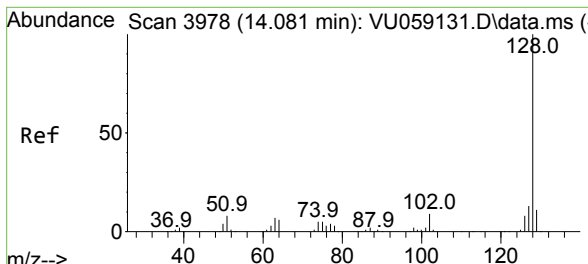


#70
 1,2,4-trichlorobenzene
 Concen: 57.913 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.000 min
 Lab File: VU059161.D
 Acq: 06 Jun 2024 11:51



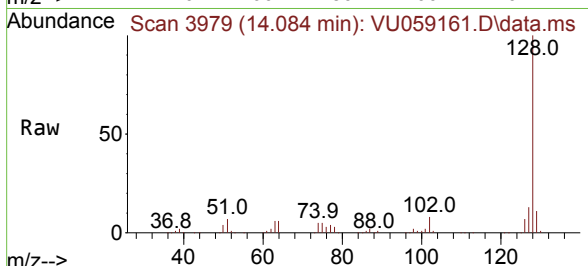
Tgt Ion:	180	Resp:	104243
Ion Ratio	Lower	Upper	
180	100		
182	95.3	77.4	116.2
145	29.9	24.8	37.2



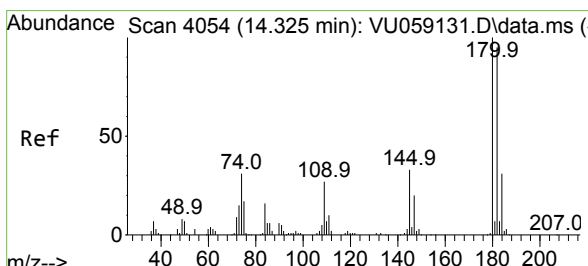
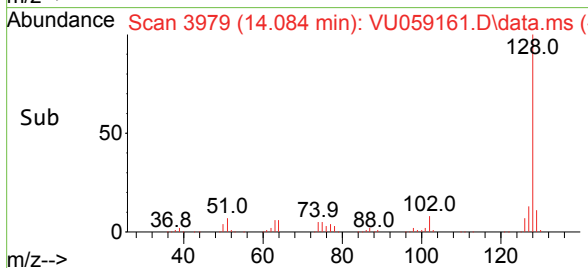
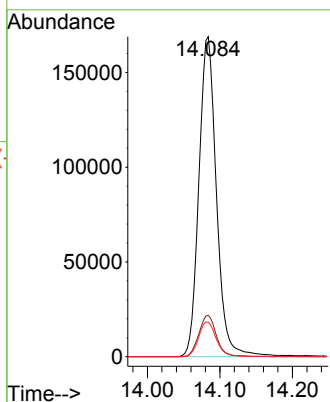


#71
Naphthalene
Concen: 49.883 ug/L
RT: 14.084 min Scan# 3978
Delta R.T. 0.003 min
Lab File: VU059161.D
Acq: 06 Jun 2024 11:51

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	284210
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	10.9	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 58.867 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU059161.D
Acq: 06 Jun 2024 11:51

Tgt Ion:	180	Resp:	107726
Ion Ratio	Lower	Upper	
180	100		
182	94.6	76.2	114.4
145	32.4	26.4	39.6

