

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062024\
 Data File : VU059396.D
 Acq On : 20 Jun 2024 21:47
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 21 06:51:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 21 06:47:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	251942	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	250969	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	130332	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	55746	36.955	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	73.900%		
7) Chloroethane-d5	1.904	69	56084	43.402	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.800%		
11) 1,1-Dichloroethene-d2	2.563	63	118242	39.711	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.420%		
21) 2-Butanone-d5	4.611	46	119135	83.789	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.790%		
24) Chloroform-d	5.055	84	134383	44.750	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.500%		
26) 1,2-Dichloroethane-d4	5.695	65	79759	43.334	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.660%		
32) Benzene-d6	5.721	84	256865	44.594	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.180%		
36) 1,2-Dichloropropane-d6	6.685	67	82459	41.519	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	83.040%		
41) Toluene-d8	7.891	98	227778	46.582	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.160%		
43) trans-1,3-Dichloroprop...	8.174	79	32645	40.664	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.320%		
47) 2-Hexanone-d5	8.624	63	77671	84.570	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	84.570%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	134226	39.933	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	79.860%		
66) 1,2-Dichlorobenzene-d4	12.187	152	91678	47.135	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.280%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	98973	38.771	ug/L	100
3) Chloromethane	1.518	50	109566	37.138	ug/L	100
5) Vinyl chloride	1.599	62	121092	41.770	ug/L	97
6) Bromomethane	1.850	94	78208	33.721	ug/L	96
8) Chloroethane	1.927	64	74134	41.008	ug/L	99
9) Trichlorofluoromethane	2.132	101	145485	43.126	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	89106	45.398	ug/L	93
12) 1,1-Dichloroethene	2.573	96	86663	48.681	ug/L	81
13) Acetone	2.615	43	97701	58.460	ug/L	95
14) Carbon disulfide	2.785	76	239226	39.901	ug/L	99
15) Methyl Acetate	2.939	43	111660	42.179	ug/L	97
16) Methylene chloride	3.036	84	104821	43.517	ug/L	90
17) trans-1,2-Dichloroethene	3.345	96	90430	47.064	ug/L	92
18) Methyl tert-butyl Ether	3.354	73	283096	45.358	ug/L	97
19) 1,1-Dichloroethane	3.859	63	173220	42.058	ug/L	98
20) cis-1,2-Dichloroethene	4.660	96	102416	46.775	ug/L	93
22) 2-Butanone	4.692	43	156378	77.287	ug/L	93
23) Bromochloromethane	4.965	128	55271	49.835	ug/L	83
25) Chloroform	5.078	83	181487	45.509	ug/L	98

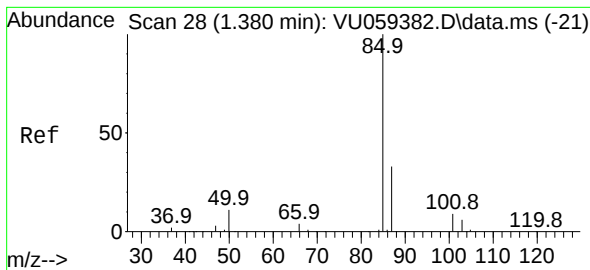
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062024\
 Data File : VU059396.D
 Acq On : 20 Jun 2024 21:47
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 21 06:51:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 21 06:47:42 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	139361	41.367	ug/L	98
29) Cyclohexane	5.383	56	133071	39.716	ug/L	92
30) 1,1,1-Trichloroethane	5.309	97	143816	44.073	ug/L	97
31) Carbon tetrachloride	5.518	117	117068	44.168	ug/L	99
33) Benzene	5.766	78	400810	44.228	ug/L	100
34) Trichloroethene	6.537	95	104781	47.220	ug/L	93
35) Methylcyclohexane	6.756	83	141770	43.453	ug/L	93
37) 1,2-Dichloropropane	6.785	63	109359	42.497	ug/L	98
38) Bromodichloromethane	7.100	83	131857	43.989	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	148725	41.771	ug/L	95
40) 4-Methyl-2-pentanone	7.782	43	292781	86.785	ug/L #	95
42) Toluene	7.965	91	431155	47.398	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	135716	42.104	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	107797	46.591	ug/L	98
46) Tetrachloroethene	8.547	164	76895	52.025	ug/L	94
48) 2-Hexanone	8.676	43	234854	82.541	ug/L #	95
49) Dibromochloromethane	8.804	129	102424	48.984	ug/L	99
50) 1,2-Dibromoethane	8.917	107	113270	47.460	ug/L	98
51) Chlorobenzene	9.441	112	266906	48.615	ug/L	96
52) Ethylbenzene	9.566	91	445367	47.491	ug/L	97
53) m,p-Xylene	9.688	106	173906	50.456	ug/L	94
54) o-Xylene	10.097	106	168947	50.579	ug/L	94
55) Styrene	10.110	104	297466	52.391	ug/L	91
57) 1,1,2,2-Tetrachloroethane	10.775	83	181112	42.971	ug/L	98
59) Bromoform	10.286	173	82509	48.283	ug/L	98
60) 1,2,3-Trichloropropane	10.817	75	146970	40.550	ug/L	98
61) Isopropylbenzene	10.479	105	435239	47.467	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	314798	47.385	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	345192	47.932	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	211377	49.324	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	214628	48.494	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	211427	47.203	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	41019	44.642	ug/L #	76
69) 1,3,5-Trichlorobenzene	13.216	180	144089	50.910	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	124521	55.086	ug/L	98
71) Naphthalene	14.081	128	381277	53.287	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	131394	57.174	ug/L	98

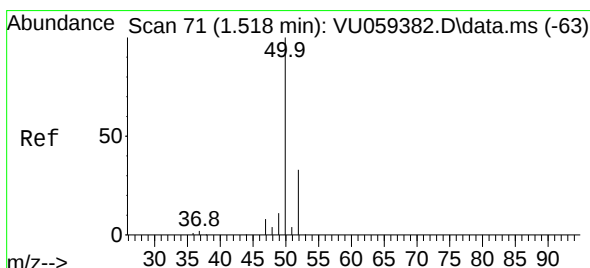
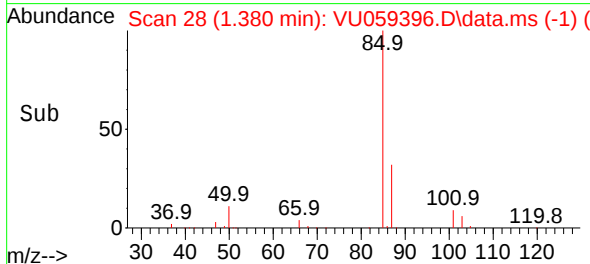
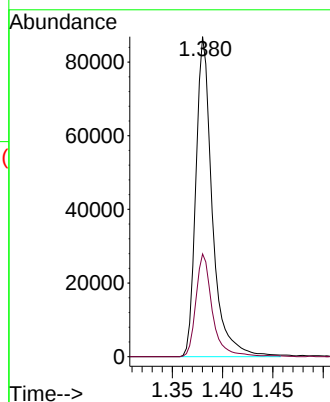
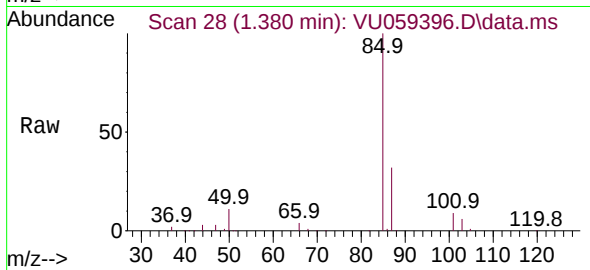
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 38.771 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU059396.D
 Acq: 20 Jun 2024 21:47

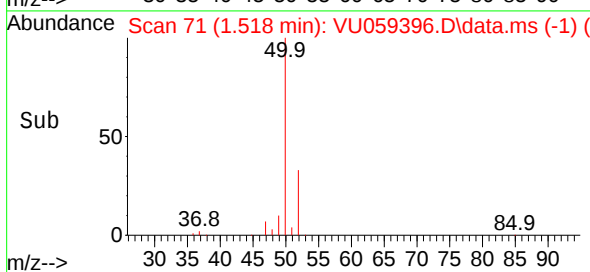
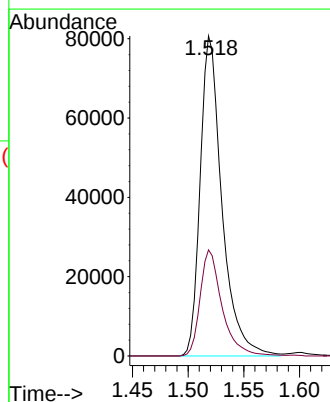
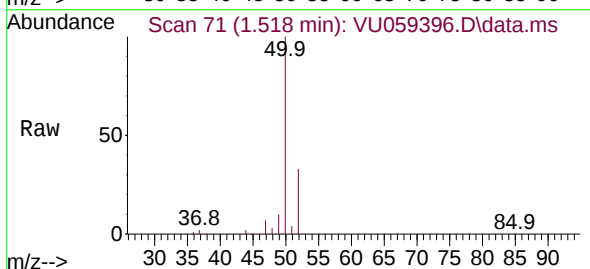
Instrument :
 MSVOA_U
 ClientSampleId :

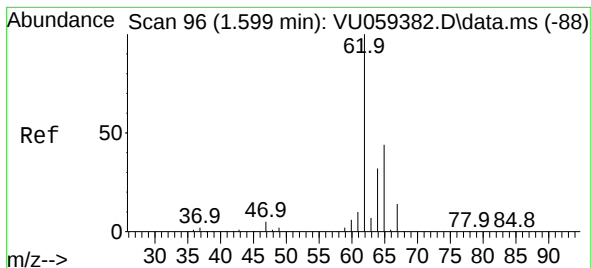
Tgt Ion: 85 Resp: 98973
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.4 38.2



#3
 Chloromethane
 Concen: 37.138 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU059396.D
 Acq: 20 Jun 2024 21:47

Tgt Ion: 50 Resp: 109566
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.2 43.2





#5

Vinyl chloride

Concen: 41.770 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU059396.D

Acq: 20 Jun 2024 21:47

Instrument :

MSVOA_U

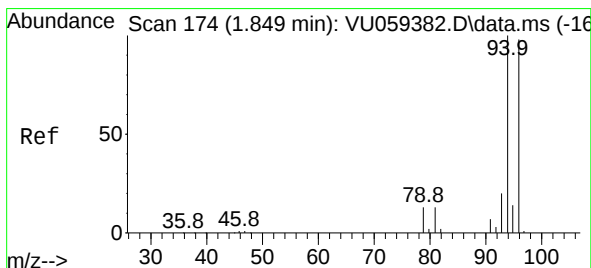
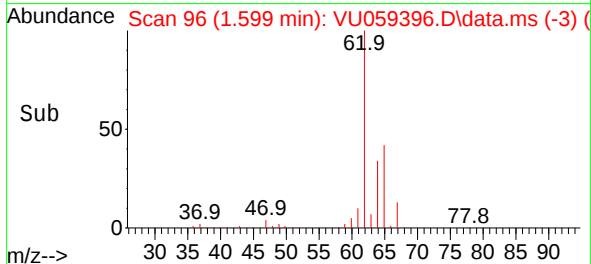
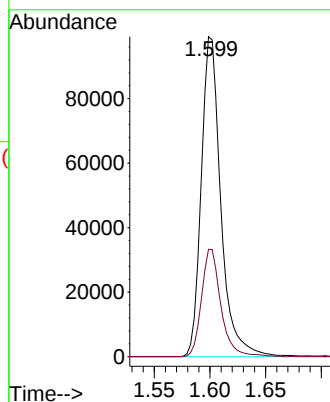
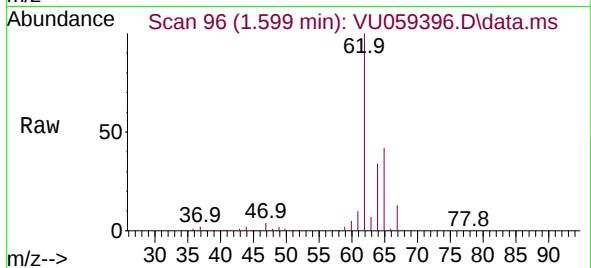
ClientSampleId :

Tgt Ion: 62 Resp: 121092

Ion Ratio Lower Upper

62 100

64 33.6 22.5 41.7



#6

Bromomethane

Concen: 33.721 ug/L

RT: 1.850 min Scan# 174

Delta R.T. 0.000 min

Lab File: VU059396.D

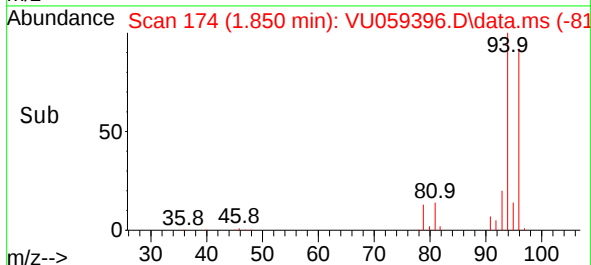
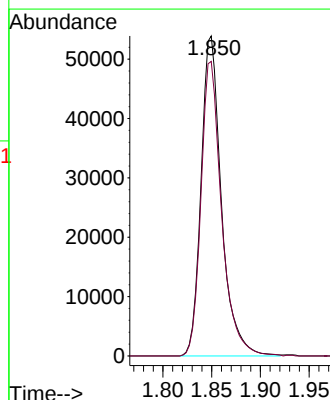
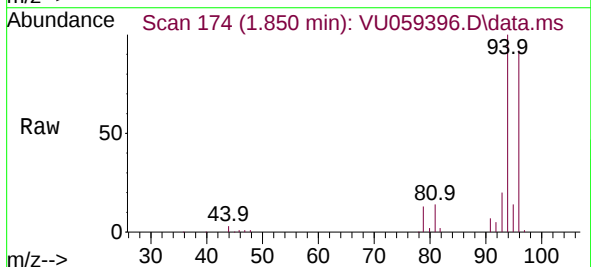
Acq: 20 Jun 2024 21:47

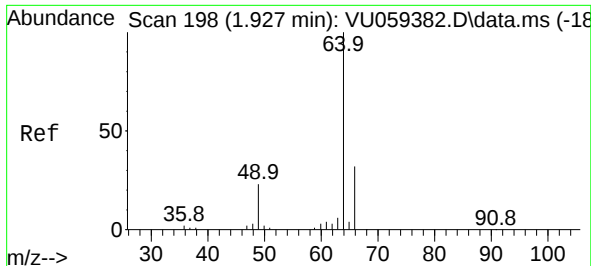
Tgt Ion: 94 Resp: 78208

Ion Ratio Lower Upper

94 100

96 92.0 67.1 124.7

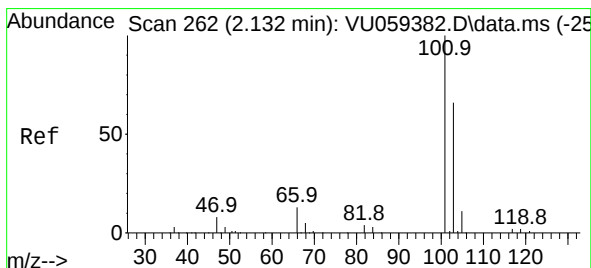
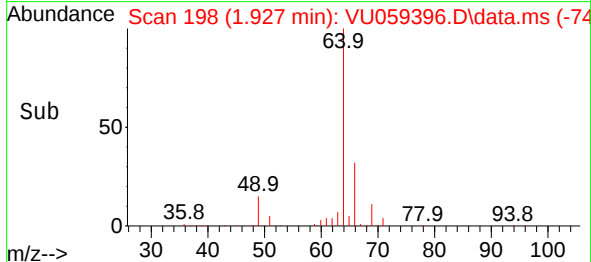
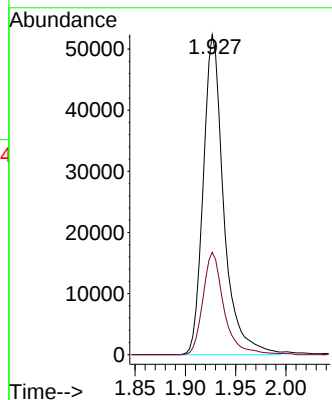
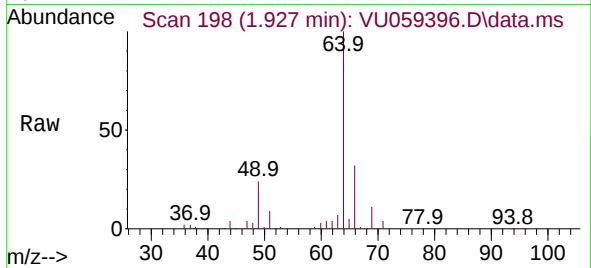




#8
Chloroethane
Concen: 41.008 ug/L
RT: 1.927 min Scan# 198
Delta R.T. 0.000 min
Lab File: VU059396.D
Acq: 20 Jun 2024 21:47

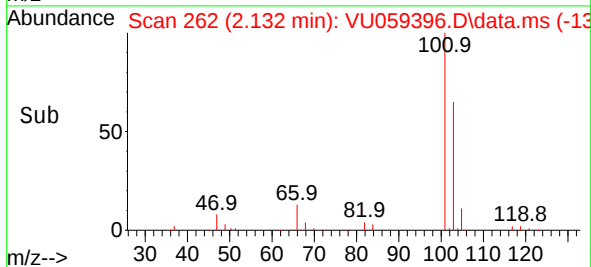
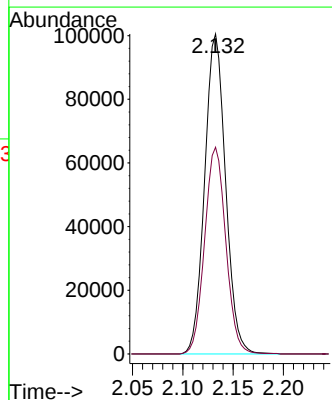
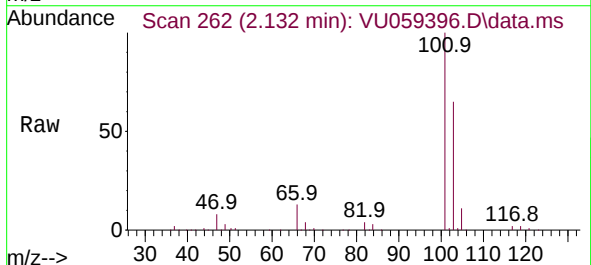
Instrument :
MSVOA_U
ClientSampleId :

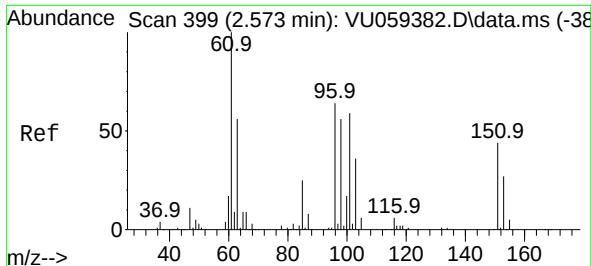
Tgt Ion: 64 Resp: 74134
Ion Ratio Lower Upper
64 100
66 31.9 22.1 41.1



#9
Trichlorofluoromethane
Concen: 43.126 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU059396.D
Acq: 20 Jun 2024 21:47

Tgt Ion:101 Resp: 145485
Ion Ratio Lower Upper
101 100
103 65.3 51.8 77.6

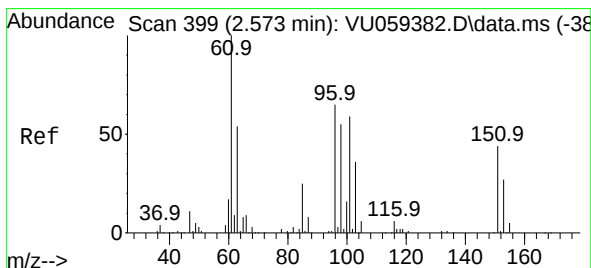
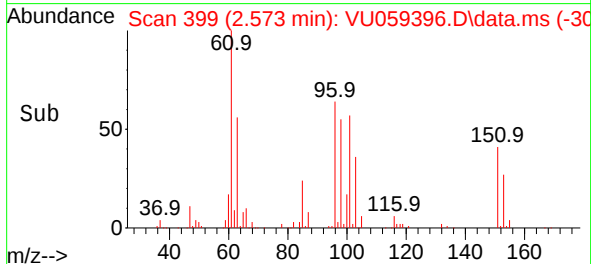
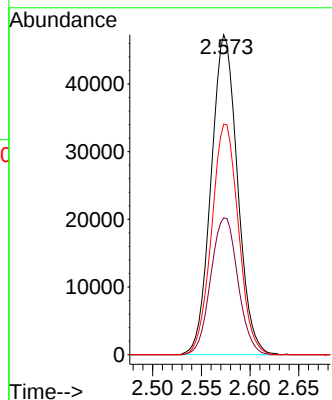
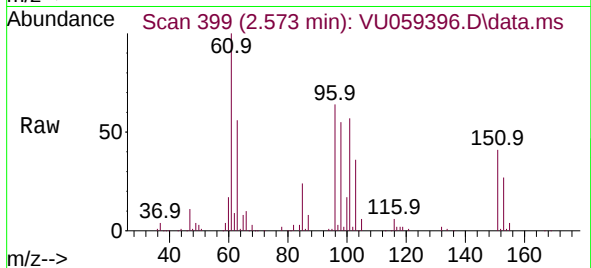




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 45.398 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU059396.D
Acq: 20 Jun 2024 21:47

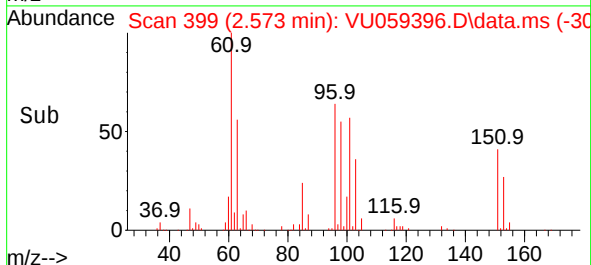
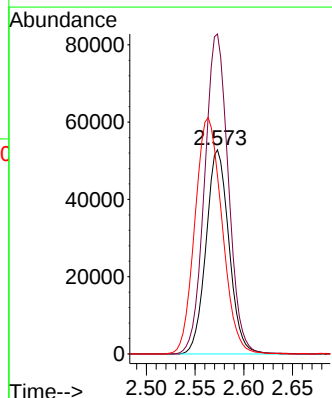
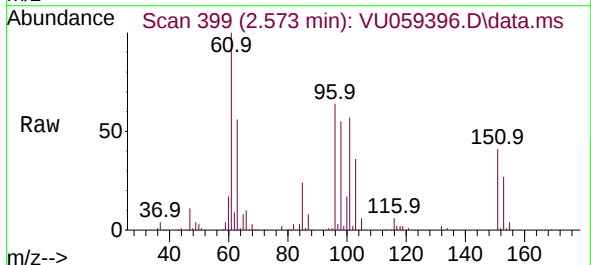
Instrument :
MSVOA_U
ClientSampleId :

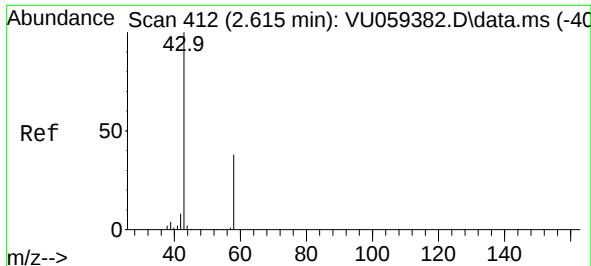
Tgt Ion:101 Resp: 89106
Ion Ratio Lower Upper
101 100
85 43.9 36.7 55.1
151 73.1 52.2 78.2



#12
1,1-Dichloroethene
Concen: 48.681 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU059396.D
Acq: 20 Jun 2024 21:47

Tgt Ion: 96 Resp: 86663
Ion Ratio Lower Upper
96 100
61 156.7 126.3 234.6
63 87.3 78.7 146.1





#13

Acetone

Concen: 58.460 ug/L

RT: 2.615 min Scan# 412

Delta R.T. 0.000 min

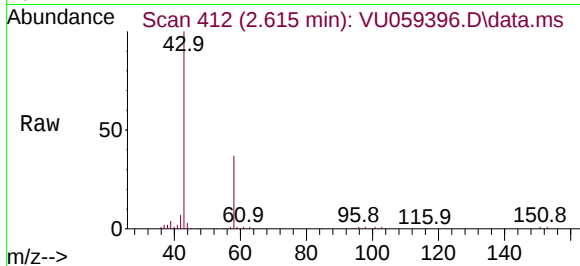
Lab File: VU059396.D

Acq: 20 Jun 2024 21:47

Instrument :

MSVOA_U

ClientSampleId :

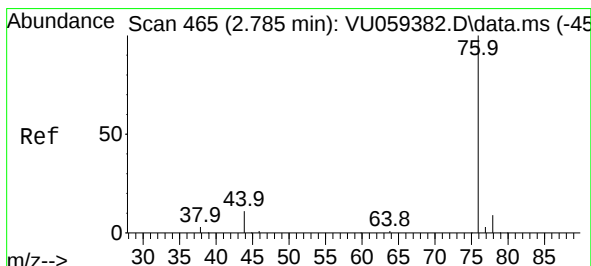
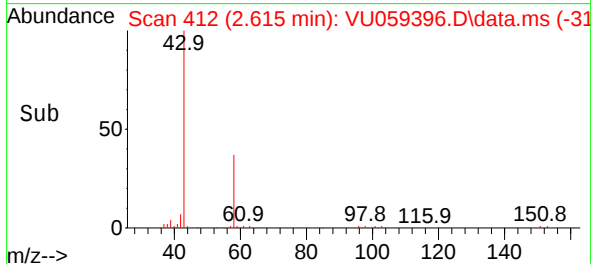
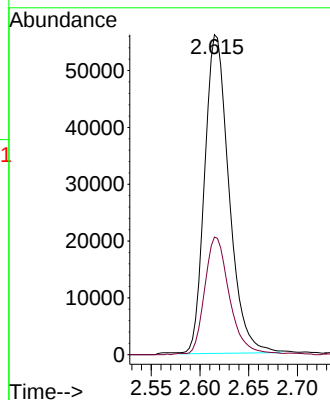


Tgt Ion: 43 Resp: 97701

Ion Ratio Lower Upper

43 100

58 37.5 0.0 68.8



#14

Carbon disulfide

Concen: 39.901 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU059396.D

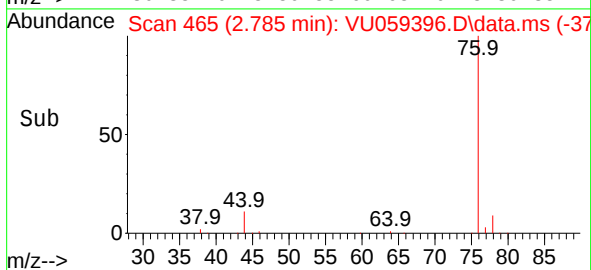
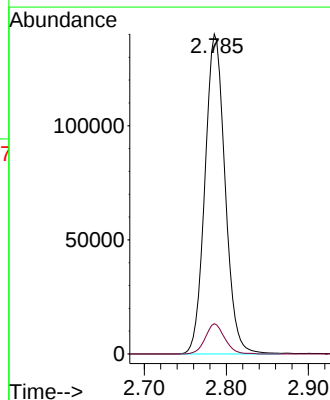
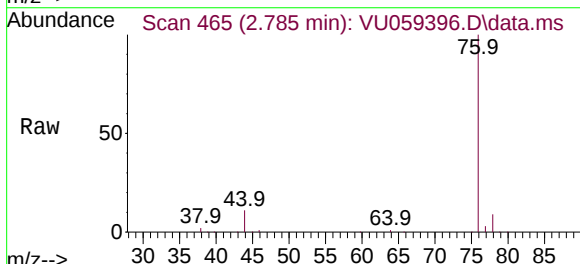
Acq: 20 Jun 2024 21:47

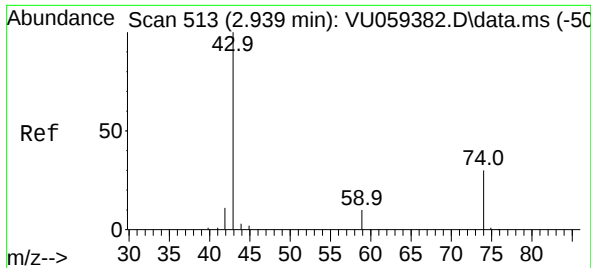
Tgt Ion: 76 Resp: 239226

Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8

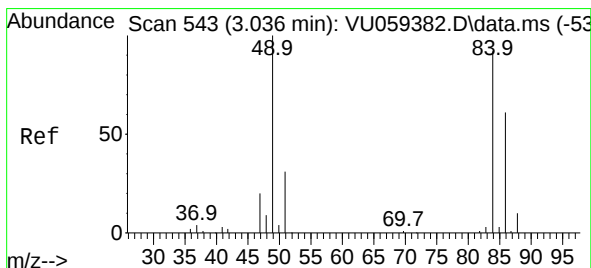
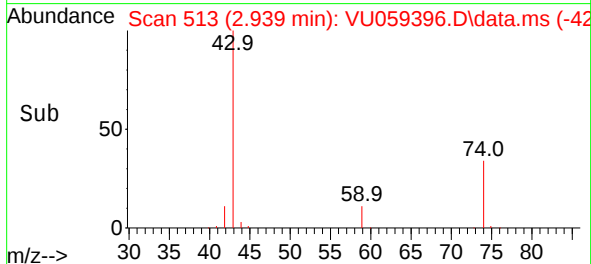
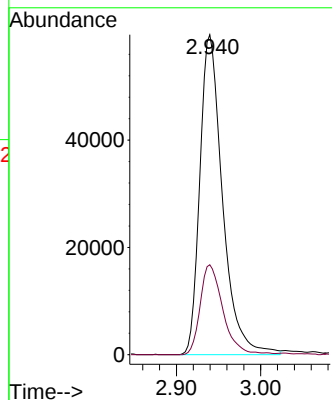
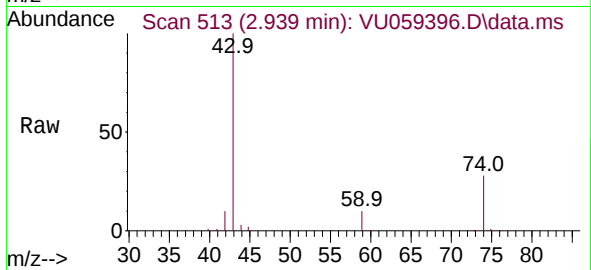




#15
Methyl Acetate
Concen: 42.179 ug/L
RT: 2.939 min Scan# 513
Delta R.T. 0.000 min
Lab File: VU059396.D
Acq: 20 Jun 2024 21:47

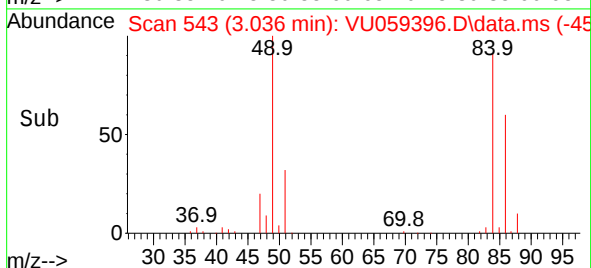
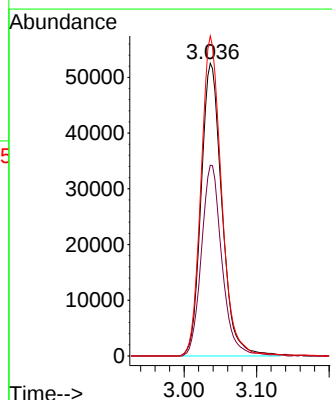
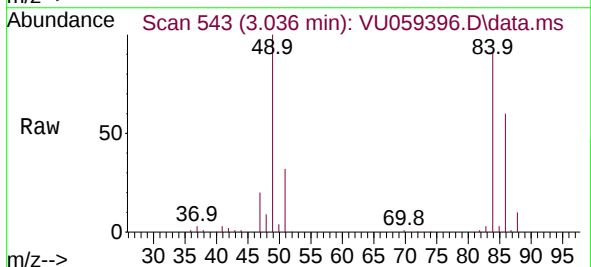
Instrument :
MSVOA_U
ClientSampleId :

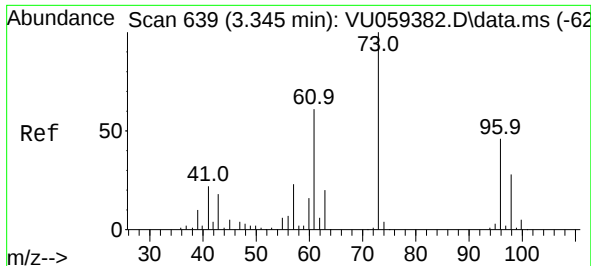
Tgt Ion: 43 Resp: 111660
Ion Ratio Lower Upper
43 100
74 27.7 20.8 31.2



#16
Methylene chloride
Concen: 43.517 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU059396.D
Acq: 20 Jun 2024 21:47

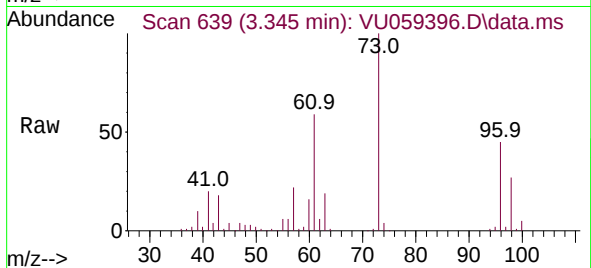
Tgt Ion: 84 Resp: 104821
Ion Ratio Lower Upper
84 100
86 65.2 44.9 83.3
49 109.4 87.5 162.5



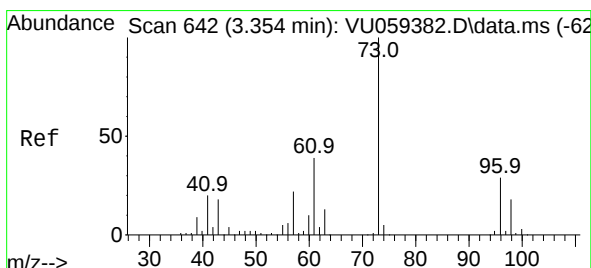
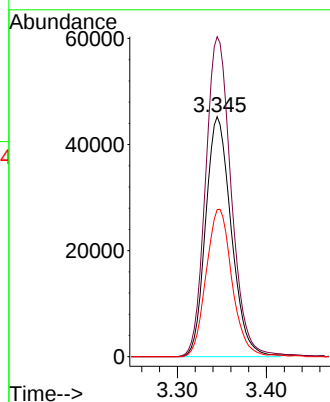
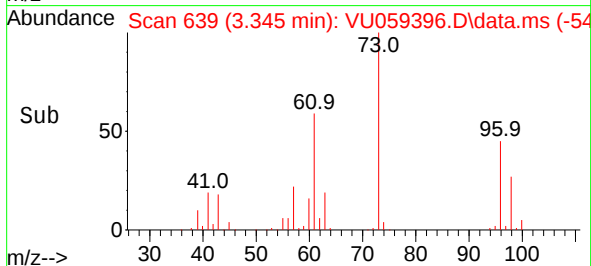


#17
trans-1,2-Dichloroethene
Concen: 47.064 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU059396.D
Acq: 20 Jun 2024 21:47

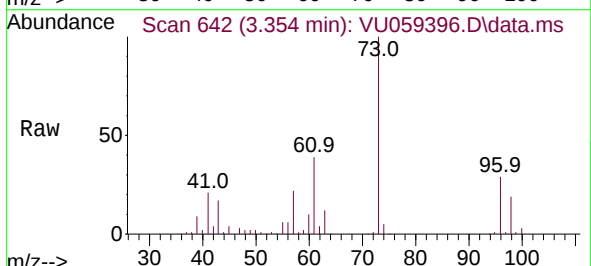
Instrument :
MSVOA_U
ClientSampleId :



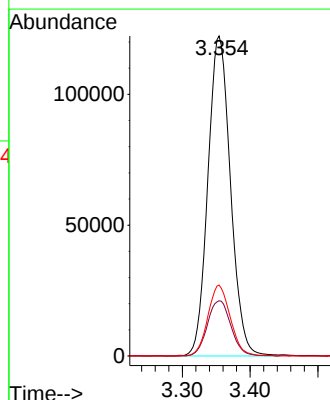
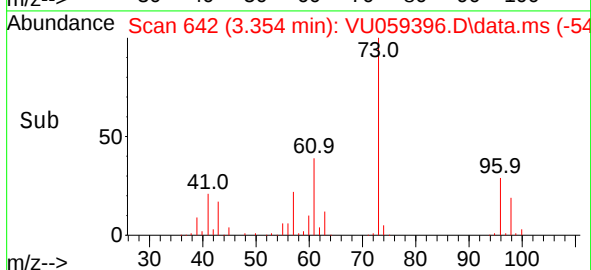
Tgt Ion: 96 Resp: 90430
Ion Ratio Lower Upper
96 100
61 133.3 103.5 192.3
98 61.3 42.4 78.6

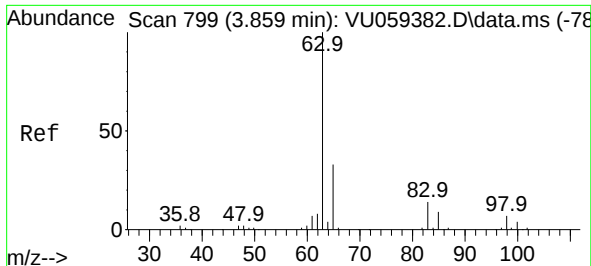


#18
Methyl tert-butyl Ether
Concen: 45.358 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU059396.D
Acq: 20 Jun 2024 21:47



Tgt Ion: 73 Resp: 283096
Ion Ratio Lower Upper
73 100
43 17.9 15.6 23.4
57 22.0 18.6 28.0





#19

1,1-Dichloroethane

Concen: 42.058 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.000 min

Lab File: VU059396.D

Acq: 20 Jun 2024 21:47

Instrument :

MSVOA_U

ClientSampleId :

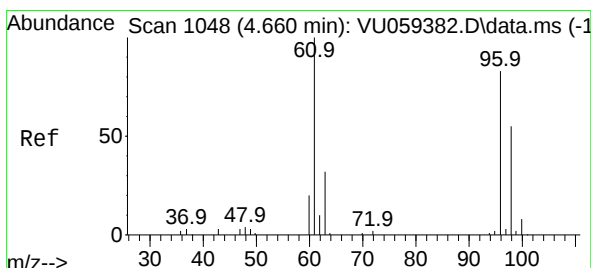
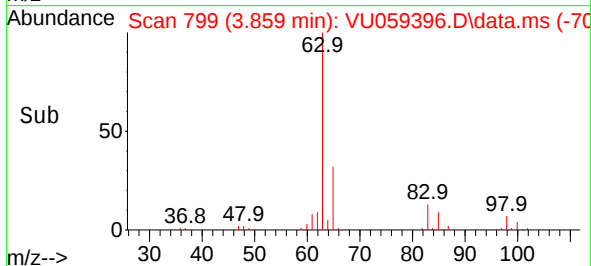
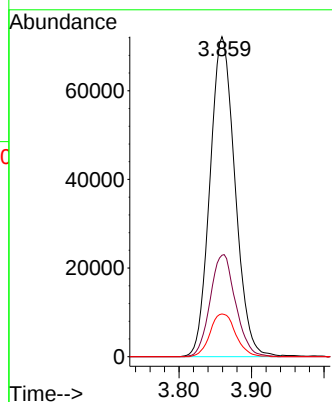
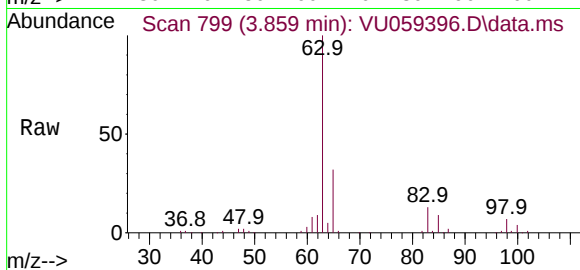
Tgt Ion: 63 Resp: 173220

Ion Ratio Lower Upper

63 100

65 31.7 21.3 39.5

83 13.3 8.8 16.3



#20

cis-1,2-Dichloroethene

Concen: 46.775 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VU059396.D

Acq: 20 Jun 2024 21:47

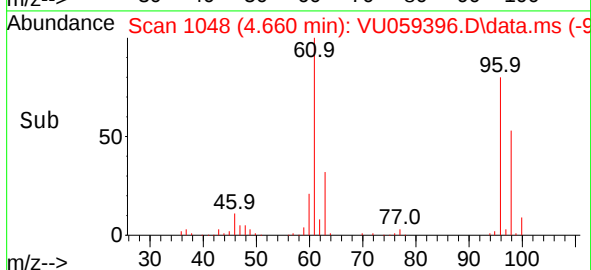
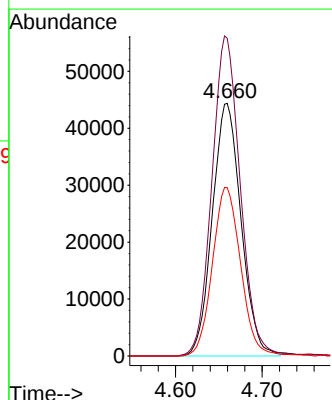
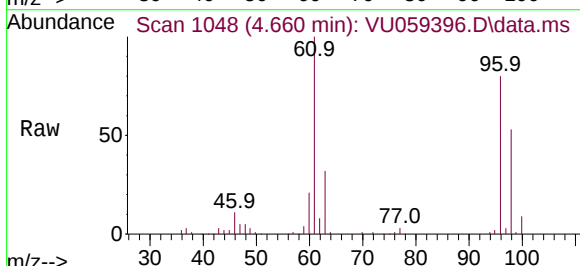
Tgt Ion: 96 Resp: 102416

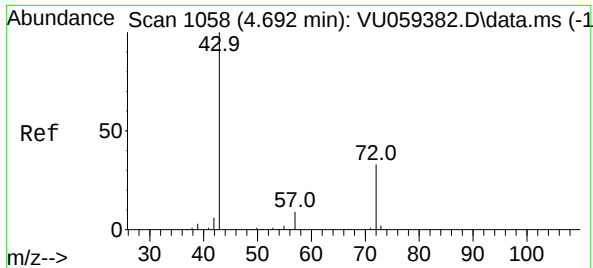
Ion Ratio Lower Upper

96 100

61 125.8 96.2 178.6

98 66.6 45.6 84.6

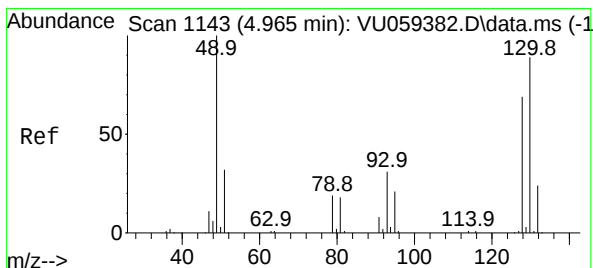
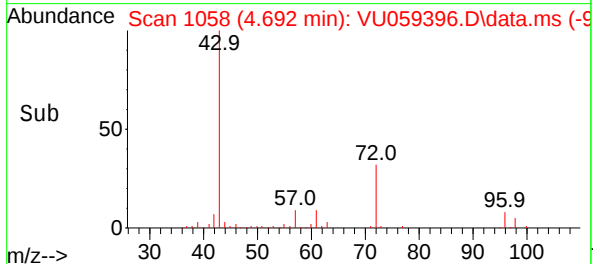
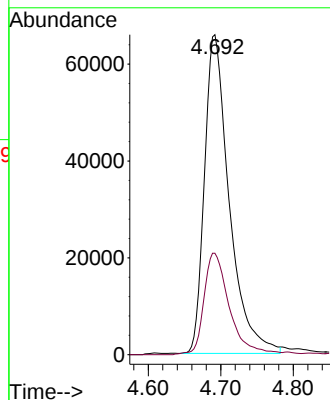
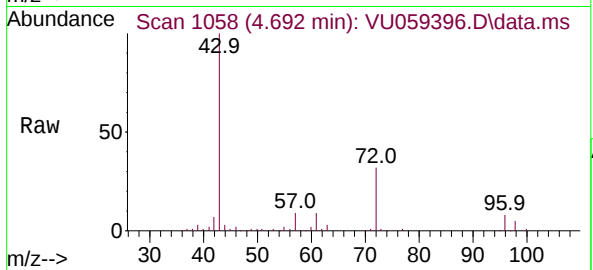




#22
2-Butanone
Concen: 77.287 ug/L
RT: 4.692 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VU059396.D
Acq: 20 Jun 2024 21:47

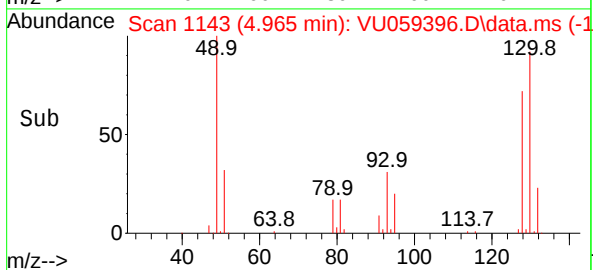
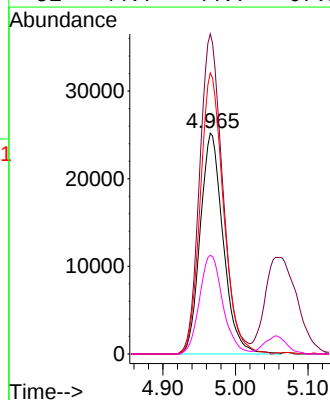
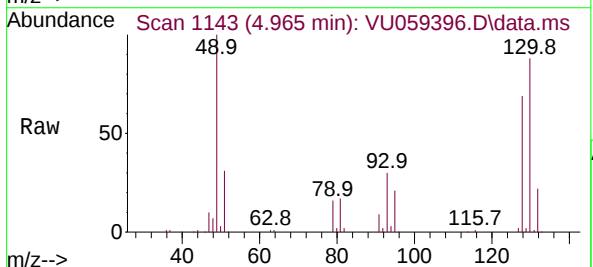
Instrument :
MSVOA_U
ClientSampleId :

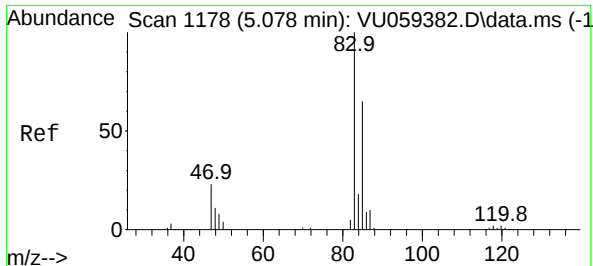
Tgt Ion: 43 Resp: 156378
Ion Ratio Lower Upper
43 100
72 32.2 14.2 42.8



#23
Bromochloromethane
Concen: 49.835 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VU059396.D
Acq: 20 Jun 2024 21:47

Tgt Ion:128 Resp: 55271
Ion Ratio Lower Upper
128 100
49 145.0 128.4 238.4
130 127.4 86.9 161.3
51 44.7 44.7 67.1





#25

Chloroform

Concen: 45.509 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU059396.D

Acq: 20 Jun 2024 21:47

Instrument :

MSVOA_U

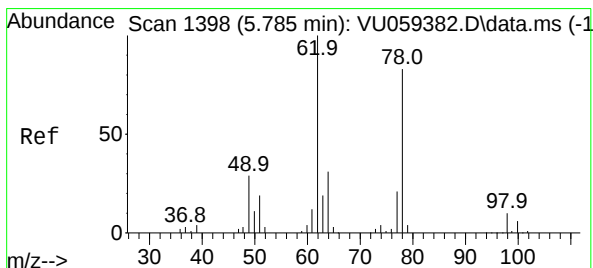
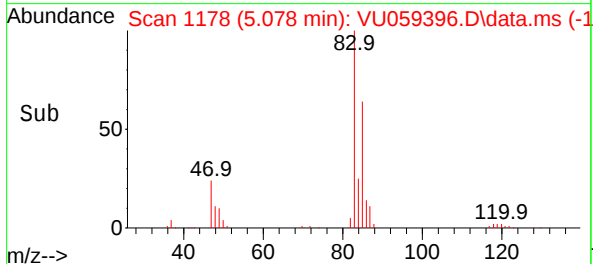
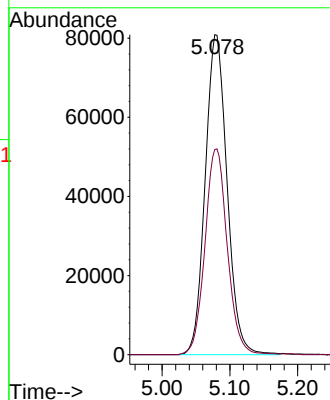
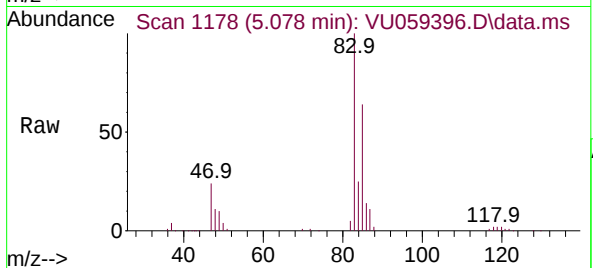
ClientSampleId :

Tgt Ion: 83 Resp: 181487

Ion Ratio Lower Upper

83 100

85 64.1 46.1 85.7



#27

1,2-Dichloroethane

Concen: 41.367 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU059396.D

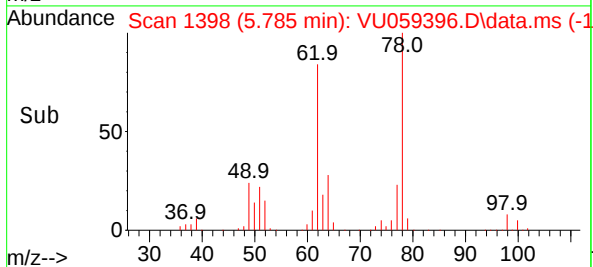
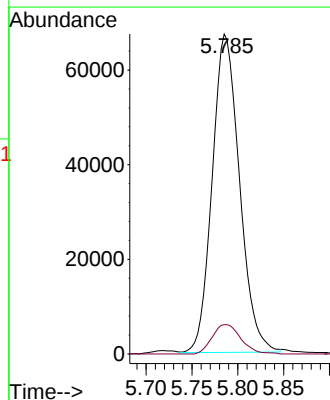
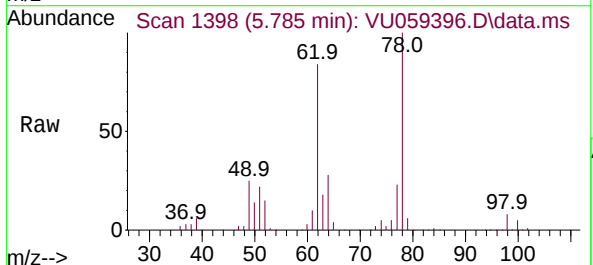
Acq: 20 Jun 2024 21:47

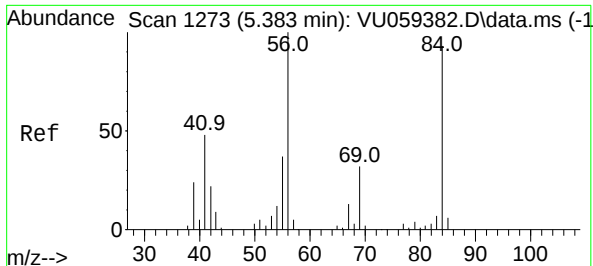
Tgt Ion: 62 Resp: 139361

Ion Ratio Lower Upper

62 100

98 9.2 6.9 10.3

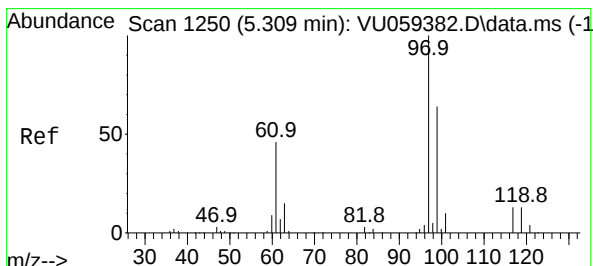
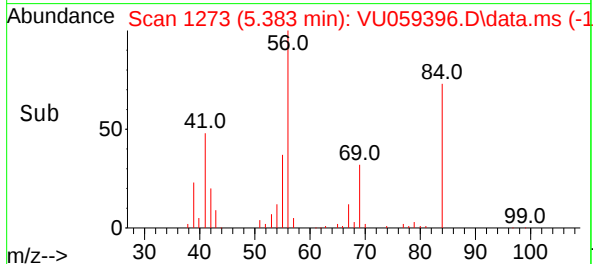
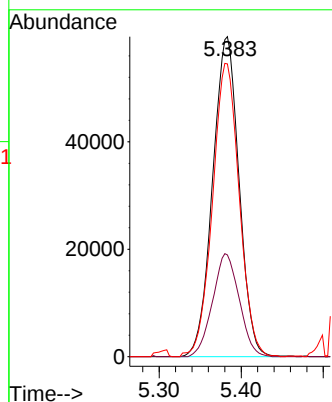
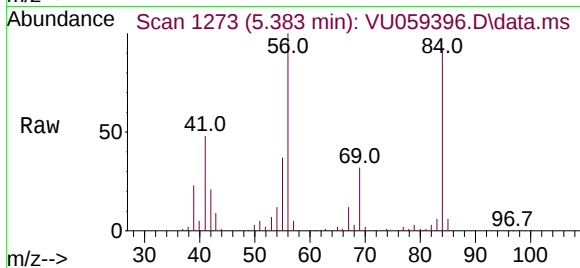




#29
Cyclohexane
Concen: 39.716 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VU059396.D
Acq: 20 Jun 2024 21:47

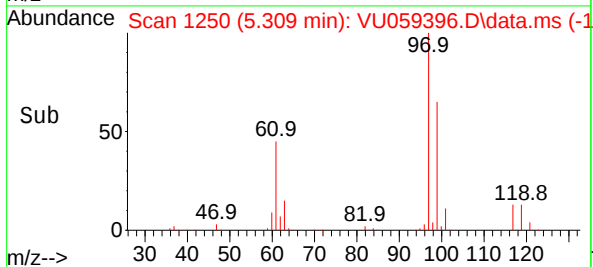
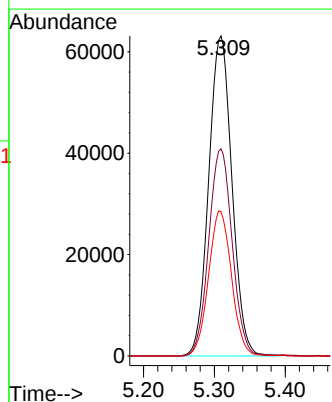
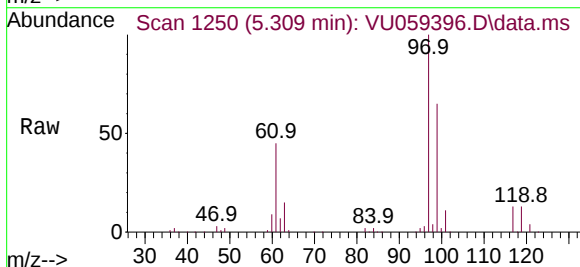
Instrument :
MSVOA_U
ClientSampleId :

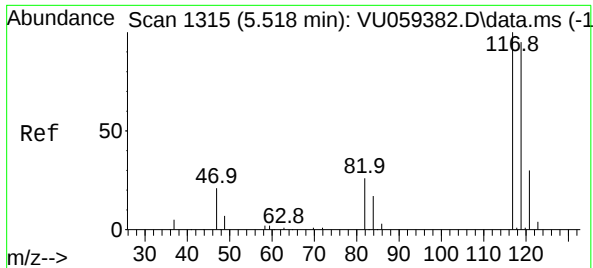
Tgt Ion: 56 Resp: 133071
Ion Ratio Lower Upper
56 100
69 32.5 24.6 37.0
84 92.6 67.4 101.0



#30
1,1,1-Trichloroethane
Concen: 44.073 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU059396.D
Acq: 20 Jun 2024 21:47

Tgt Ion: 97 Resp: 143816
Ion Ratio Lower Upper
97 100
99 65.3 51.6 77.4
61 44.9 39.1 58.7

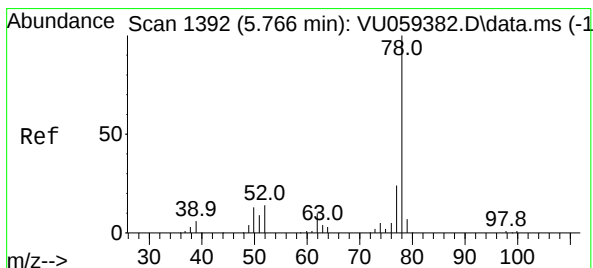
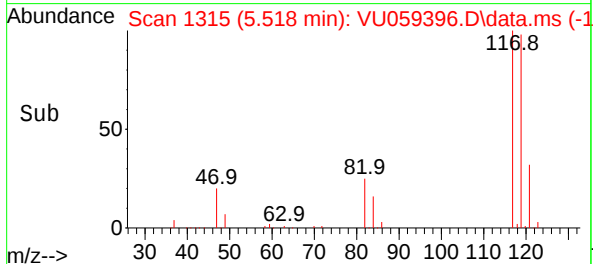
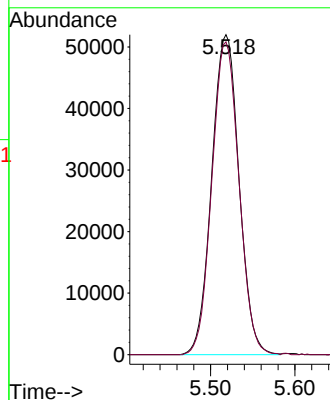
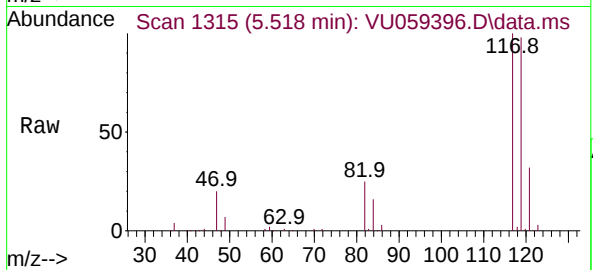




#31
Carbon tetrachloride
Concen: 44.168 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU059396.D
Acq: 20 Jun 2024 21:47

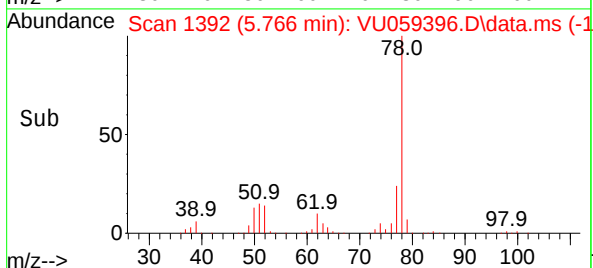
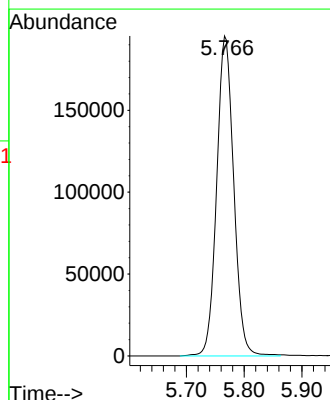
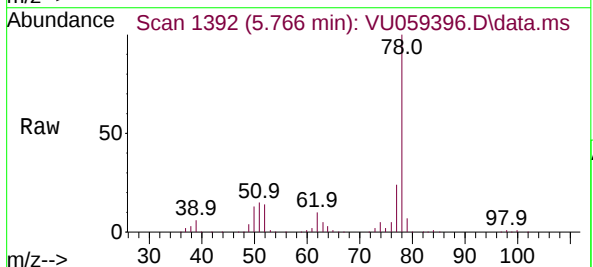
Instrument :
MSVOA_U
ClientSampleId :

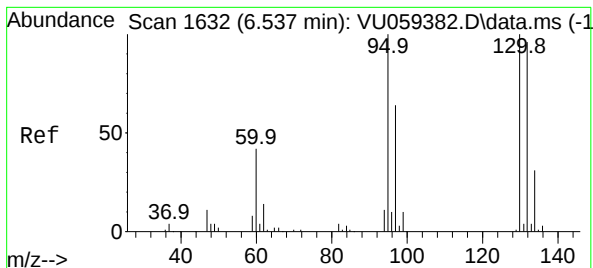
Tgt Ion:117 Resp: 117068
Ion Ratio Lower Upper
117 100
119 96.7 76.9 115.3



#33
Benzene
Concen: 44.228 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU059396.D
Acq: 20 Jun 2024 21:47

Tgt Ion: 78 Resp: 400810





#34

Trichloroethene

Concen: 47.220 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU059396.D

Acq: 20 Jun 2024 21:47

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 104781

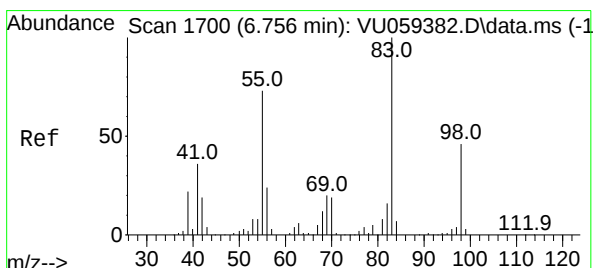
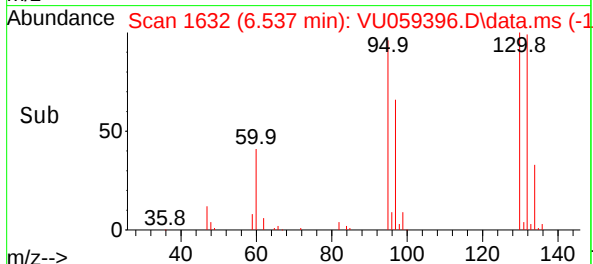
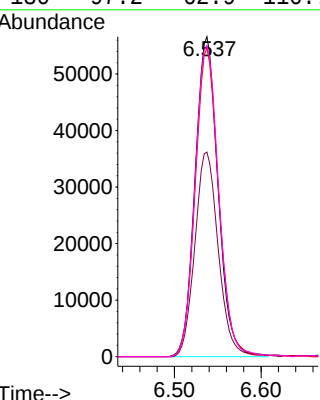
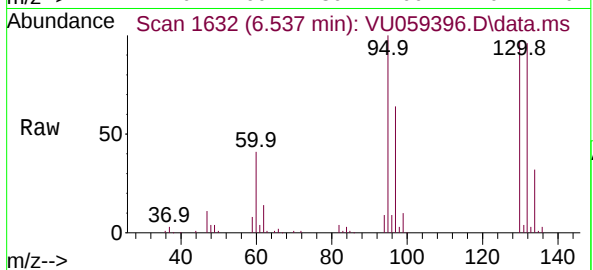
Ion Ratio Lower Upper

95 100

97 63.9 45.2 84.0

132 96.4 60.6 112.6

130 97.2 62.9 116.7



#35

Methylcyclohexane

Concen: 43.453 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU059396.D

Acq: 20 Jun 2024 21:47

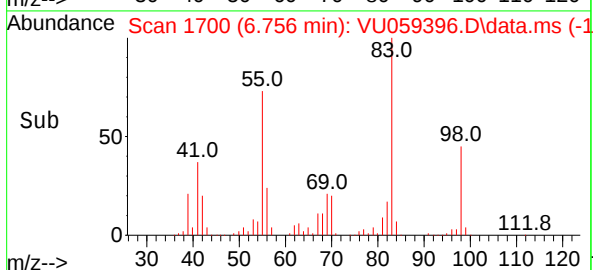
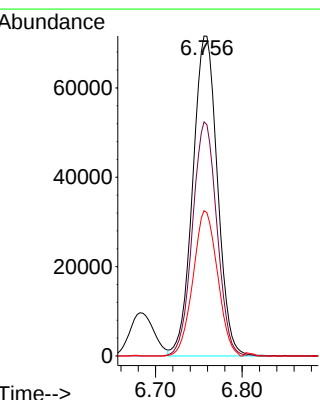
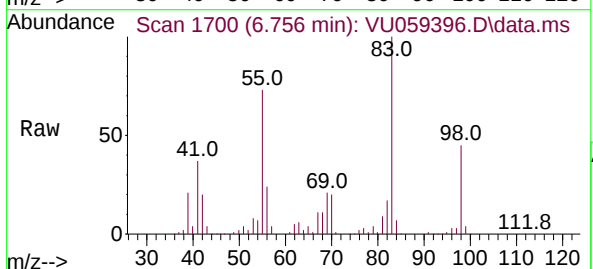
Tgt Ion: 83 Resp: 141770

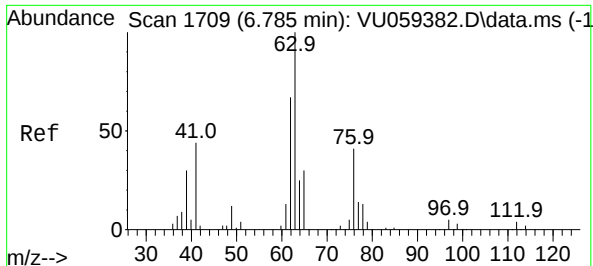
Ion Ratio Lower Upper

83 100

55 72.2 63.9 95.9

98 45.0 34.7 52.1

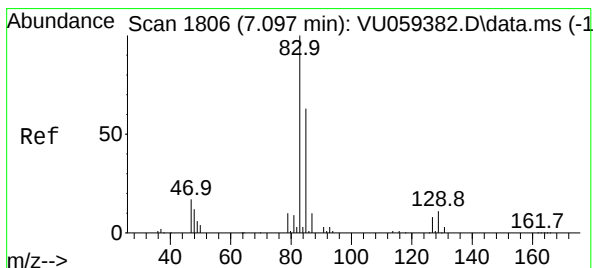
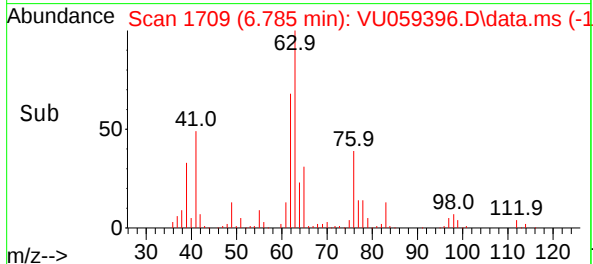
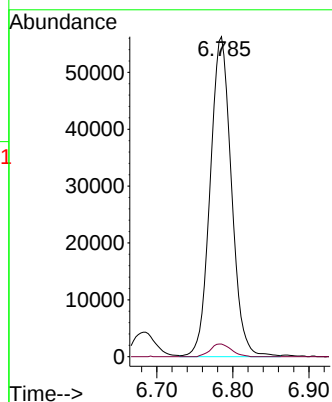
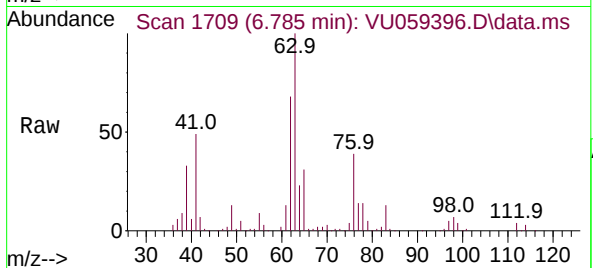




#37
1,2-Dichloropropane
Concen: 42.497 ug/L
RT: 6.785 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU059396.D
Acq: 20 Jun 2024 21:47

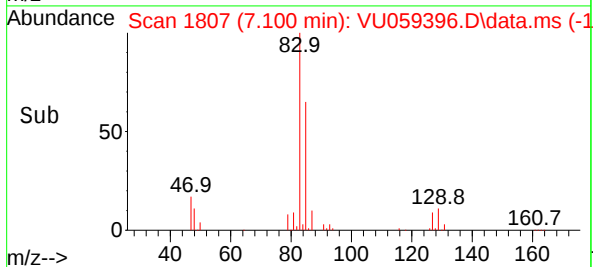
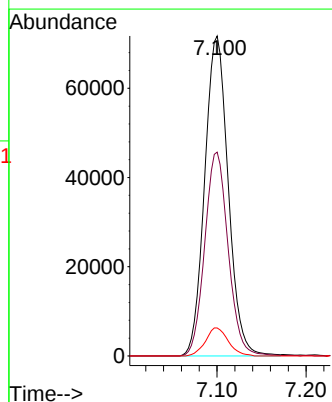
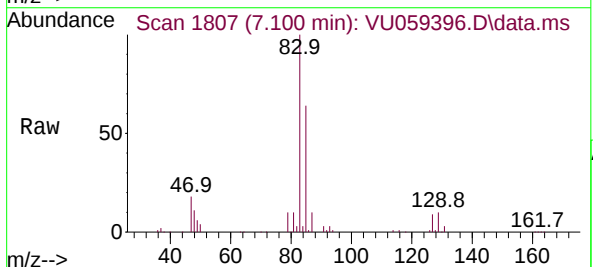
Instrument :
MSVOA_U
ClientSampleId :

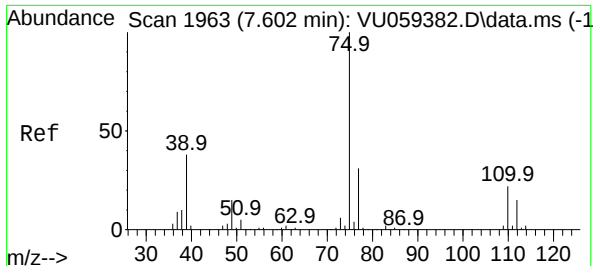
Tgt Ion: 63 Resp: 109359
Ion Ratio Lower Upper
63 100
112 3.9 2.6 4.0



#38
Bromodichloromethane
Concen: 43.989 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU059396.D
Acq: 20 Jun 2024 21:47

Tgt Ion: 83 Resp: 131857
Ion Ratio Lower Upper
83 100
85 63.7 44.0 81.6
127 8.8 7.0 10.6

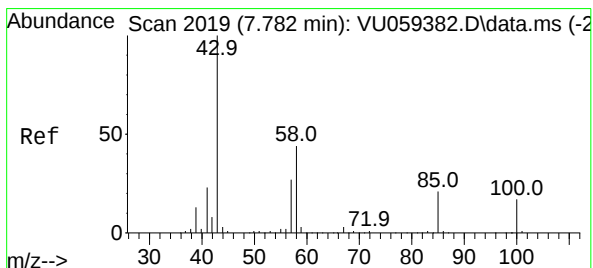
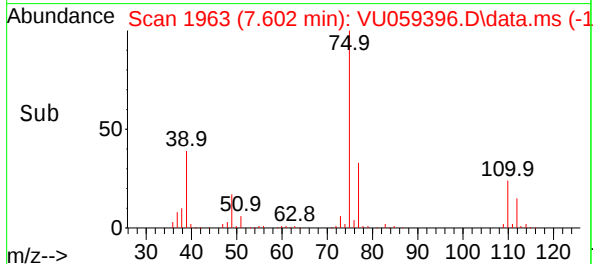
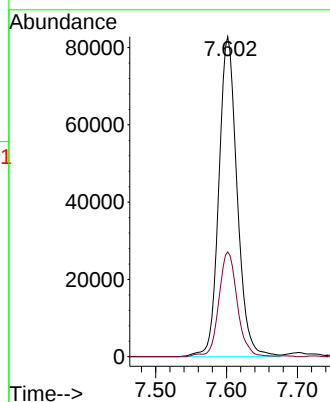
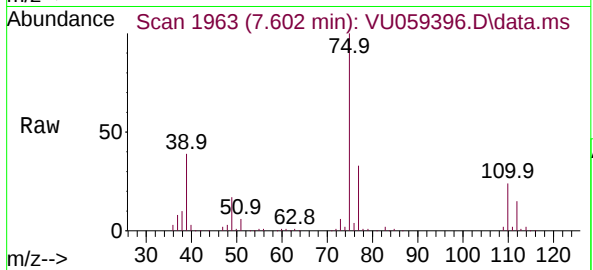




#39
cis-1,3-Dichloropropene
Concen: 41.771 ug/L
RT: 7.602 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VU059396.D
Acq: 20 Jun 2024 21:47

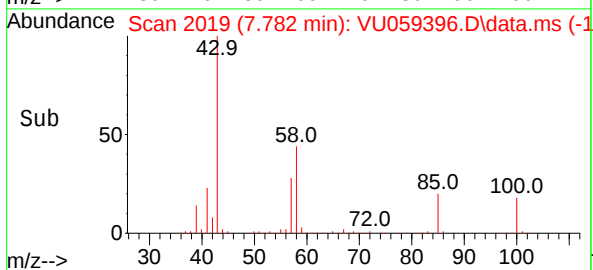
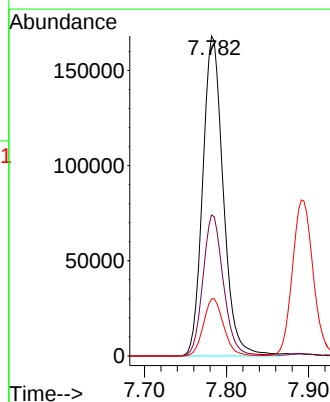
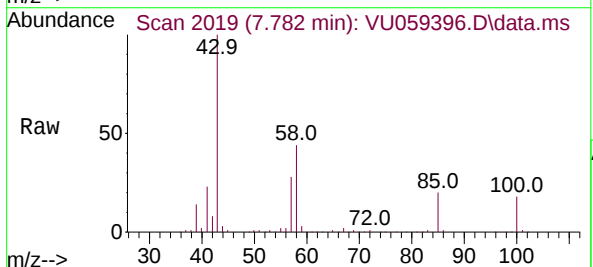
Instrument :
MSVOA_U
ClientSampleId :

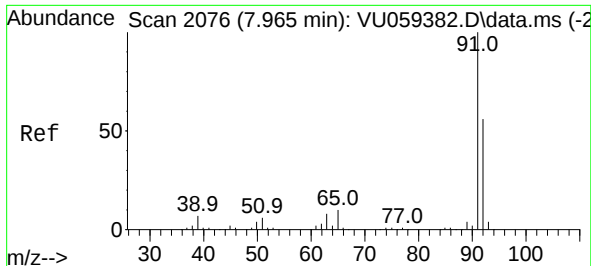
Tgt Ion: 75 Resp: 148725
Ion Ratio Lower Upper
75 100
77 32.8 21.2 39.4



#40
4-Methyl-2-pentanone
Concen: 86.785 ug/L
RT: 7.782 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VU059396.D
Acq: 20 Jun 2024 21:47

Tgt Ion: 43 Resp: 292781
Ion Ratio Lower Upper
43 100
58 44.2 33.7 50.5
100 17.7 11.4 17.0#





#42

Toluene

Concen: 47.398 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU059396.D

Acq: 20 Jun 2024 21:47

Instrument :

MSVOA_U

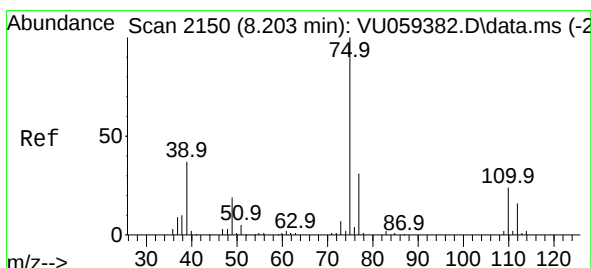
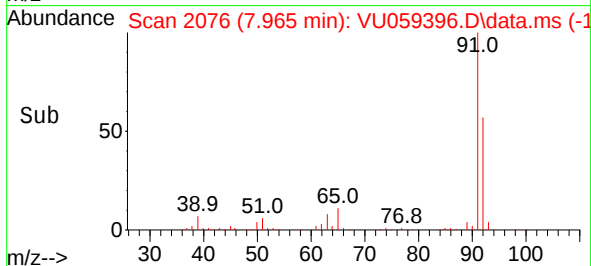
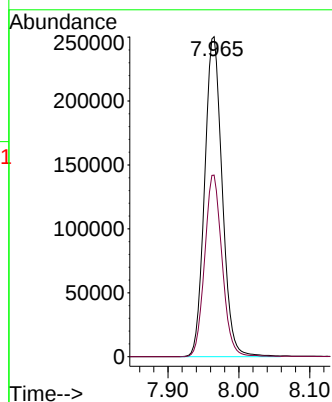
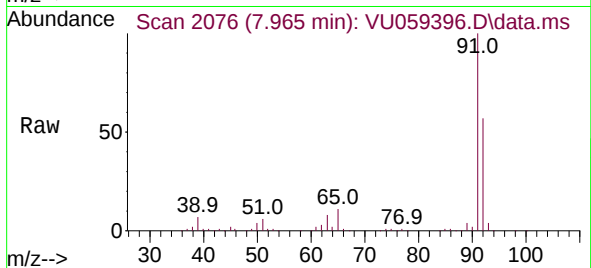
ClientSampleId :

Tgt Ion: 91 Resp: 431155

Ion Ratio Lower Upper

91 100

92 56.7 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 42.104 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU059396.D

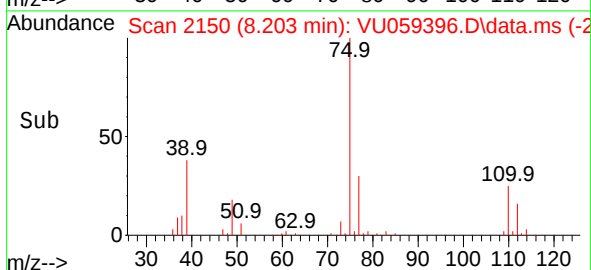
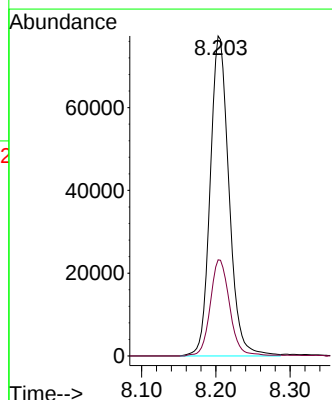
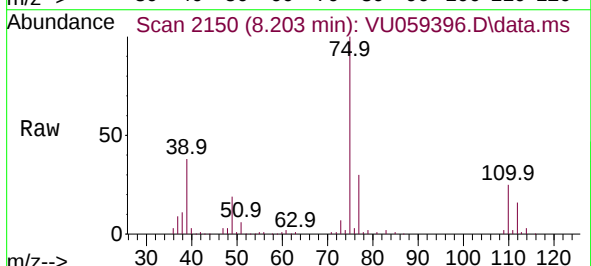
Acq: 20 Jun 2024 21:47

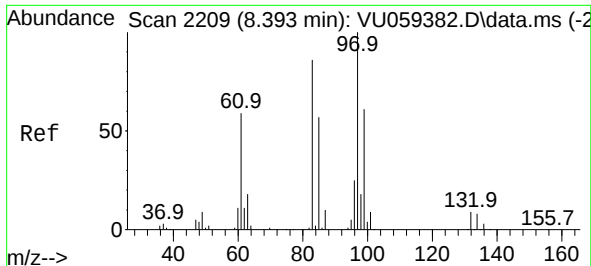
Tgt Ion: 75 Resp: 135716

Ion Ratio Lower Upper

75 100

77 30.1 22.0 40.8

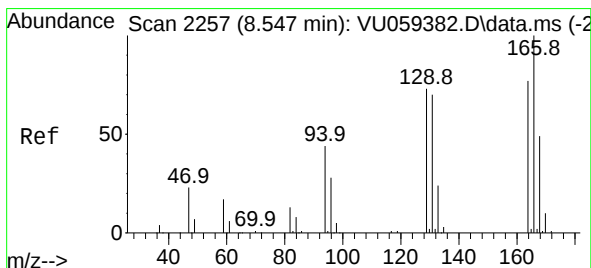
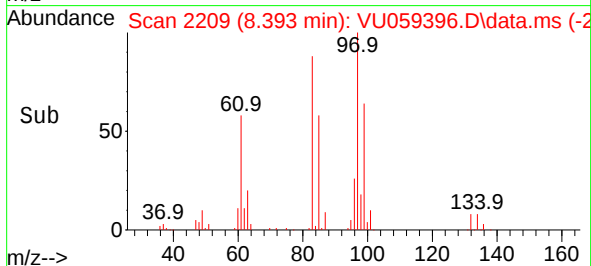
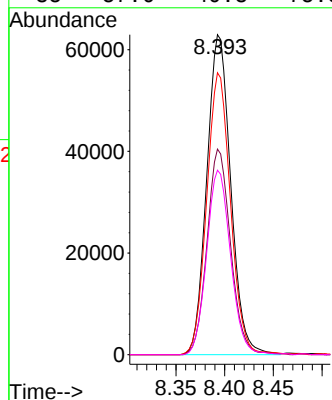
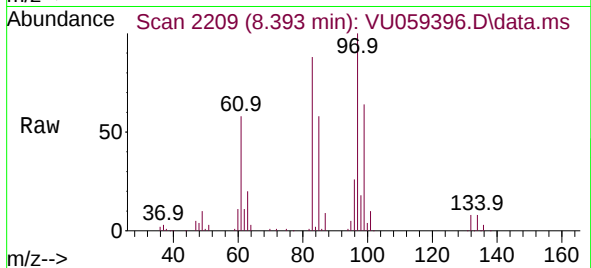




#45
1,1,2-Trichloroethane
Concen: 46.591 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU059396.D
Acq: 20 Jun 2024 21:47

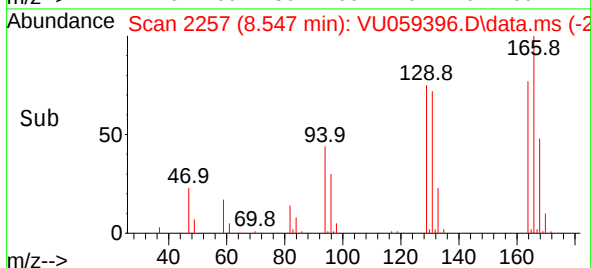
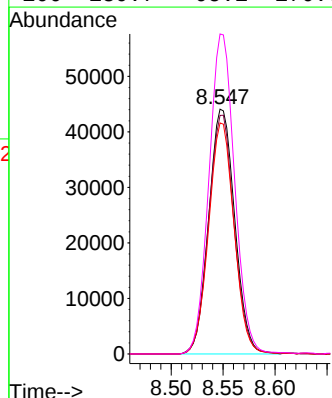
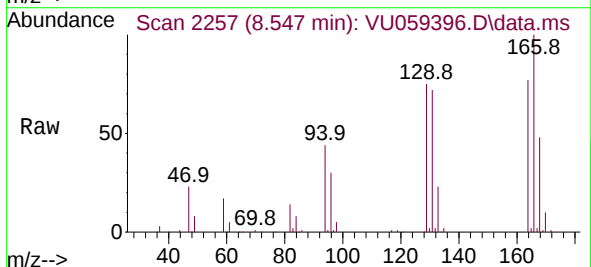
Instrument :
MSVOA_U
ClientSampleId :

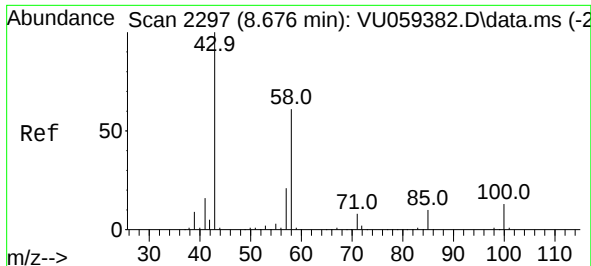
Tgt Ion:	97	Resp:	107797
Ion	Ratio	Lower	Upper
97	100		
99	64.3	44.0	81.6
83	88.1	63.6	118.2
85	57.6	40.8	75.8



#46
Tetrachloroethene
Concen: 52.025 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU059396.D
Acq: 20 Jun 2024 21:47

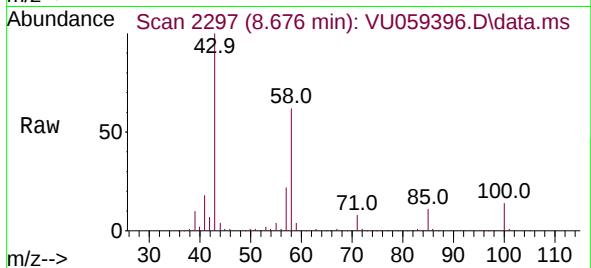
Tgt Ion:	164	Resp:	76895
Ion	Ratio	Lower	Upper
164	100		
129	97.4	74.5	138.5
131	94.4	70.6	131.0
166	130.7	95.1	176.7



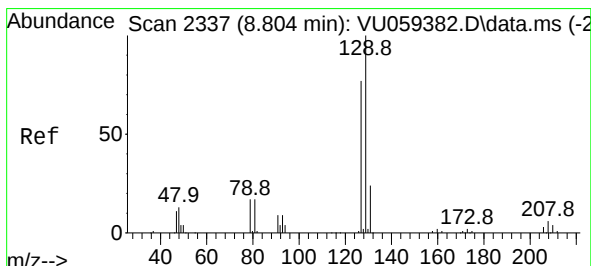
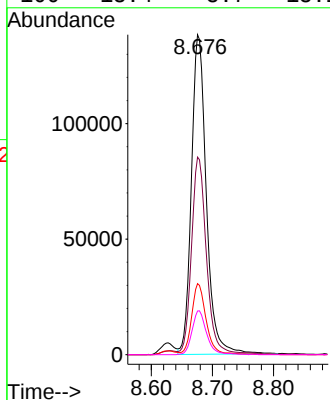
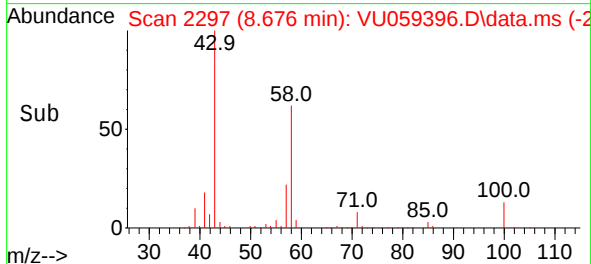


#48
2-Hexanone
Concen: 82.541 ug/L
RT: 8.676 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU059396.D
Acq: 20 Jun 2024 21:47

Instrument :
MSVOA_U
ClientSampleId :

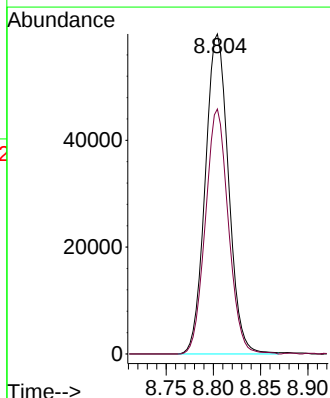
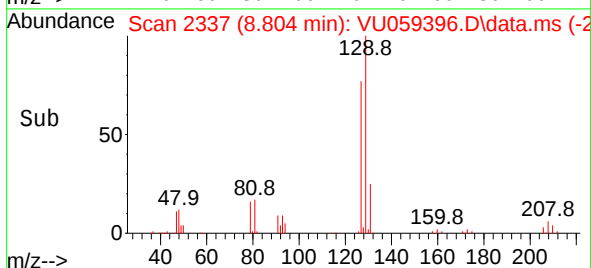
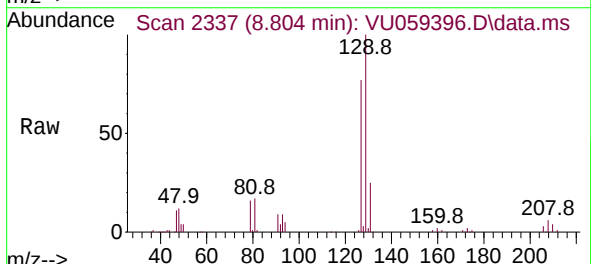


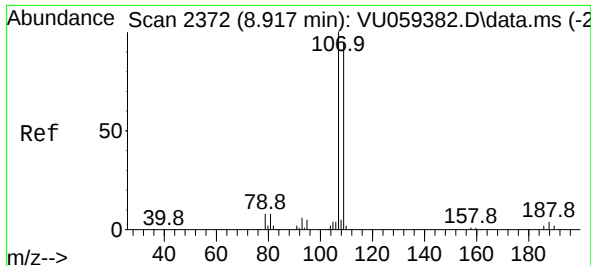
Tgt Ion: 43 Resp: 234854
Ion Ratio Lower Upper
43 100
58 61.0 45.9 68.9
57 21.7 16.3 24.5
100 13.4 8.7 13.1#



#49
Dibromochloromethane
Concen: 48.984 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU059396.D
Acq: 20 Jun 2024 21:47

Tgt Ion: 129 Resp: 102424
Ion Ratio Lower Upper
129 100
127 76.5 53.3 98.9

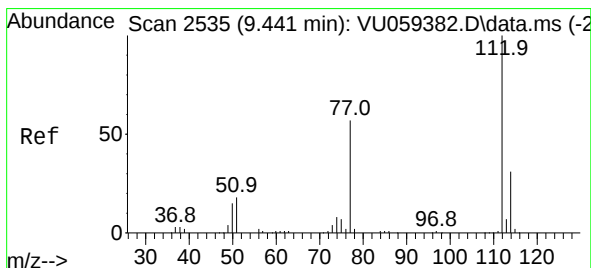
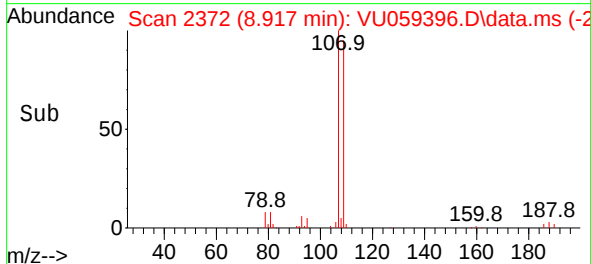
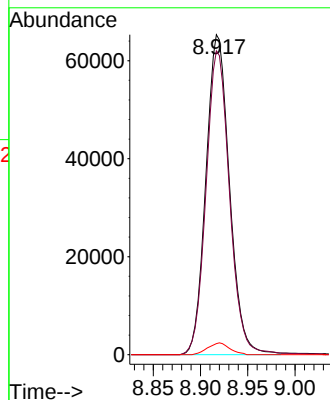
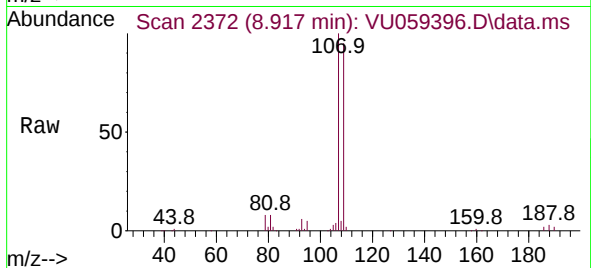




#50
1,2-Dibromoethane
Concen: 47.460 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU059396.D
Acq: 20 Jun 2024 21:47

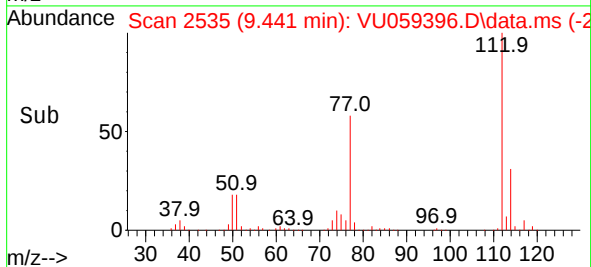
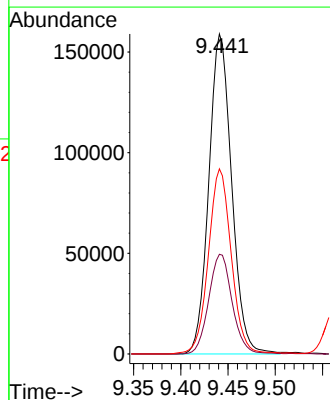
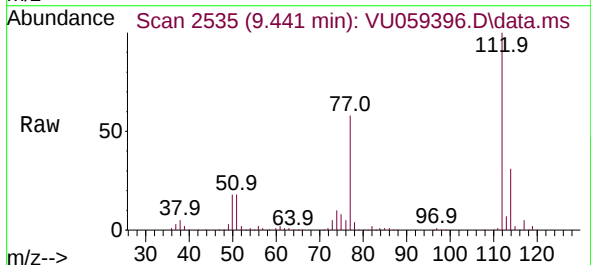
Instrument :
MSVOA_U
ClientSampleId :

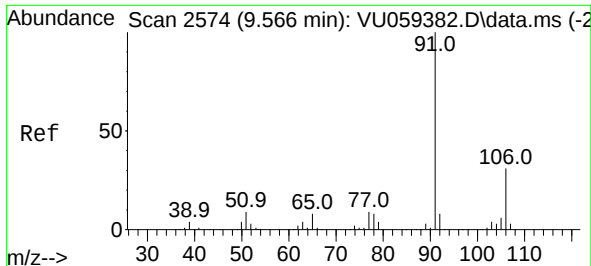
Tgt Ion:107 Resp: 113270
Ion Ratio Lower Upper
107 100
109 94.9 67.8 125.8
188 3.4 2.5 3.7



#51
Chlorobenzene
Concen: 48.615 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU059396.D
Acq: 20 Jun 2024 21:47

Tgt Ion:112 Resp: 266906
Ion Ratio Lower Upper
112 100
114 31.1 22.1 41.1
77 57.9 49.8 74.6





#52

Ethylbenzene

Concen: 47.491 ug/L

RT: 9.566 min Scan# 2574

Delta R.T. 0.000 min

Lab File: VU059396.D

Acq: 20 Jun 2024 21:47

Instrument :

MSVOA_U

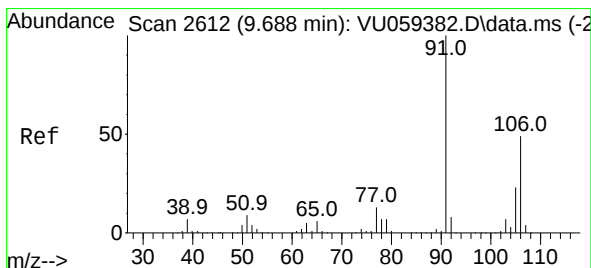
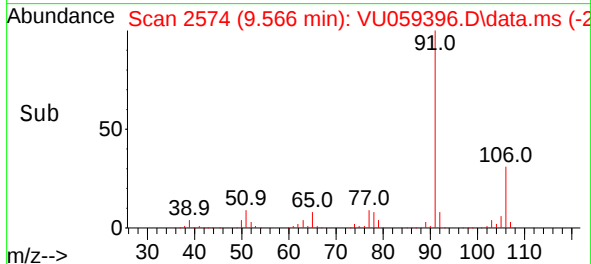
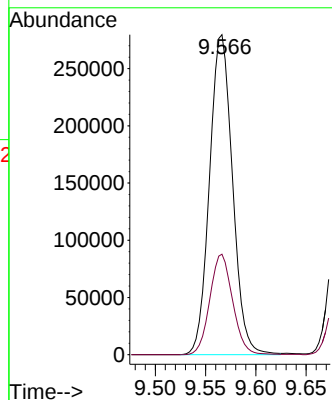
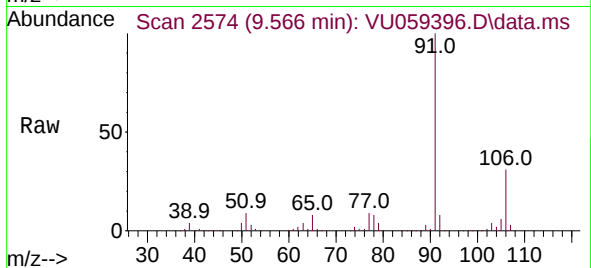
ClientSampleId :

Tgt Ion: 91 Resp: 445367

Ion Ratio Lower Upper

91 100

106 31.4 21.0 39.0



#53

m,p-Xylene

Concen: 50.456 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. 0.000 min

Lab File: VU059396.D

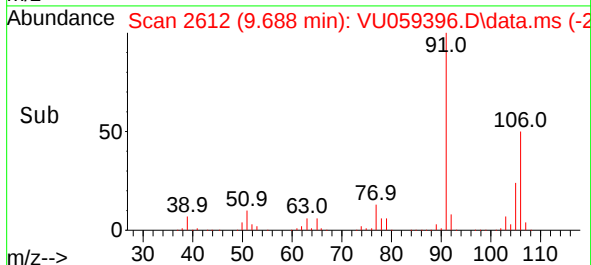
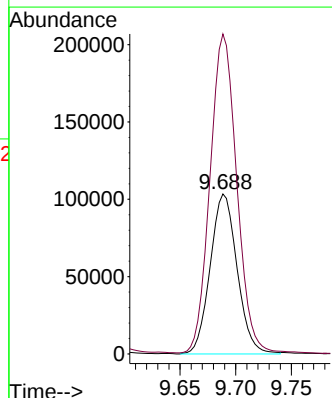
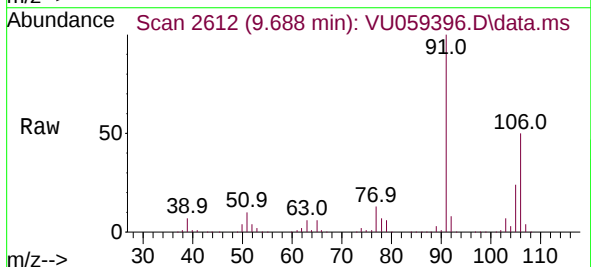
Acq: 20 Jun 2024 21:47

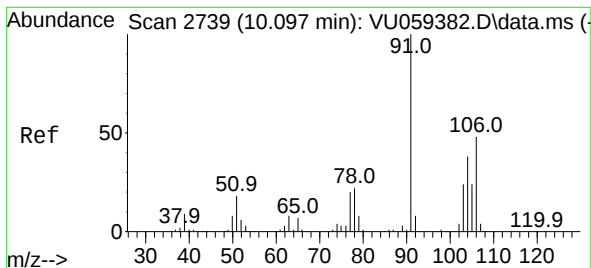
Tgt Ion:106 Resp: 173906

Ion Ratio Lower Upper

106 100

91 200.0 146.4 272.0





#54

o-Xylene

Concen: 50.579 ug/L

RT: 10.097 min Scan# 2739

Delta R.T. 0.000 min

Lab File: VU059396.D

Acq: 20 Jun 2024 21:47

Instrument :

MSVOA_U

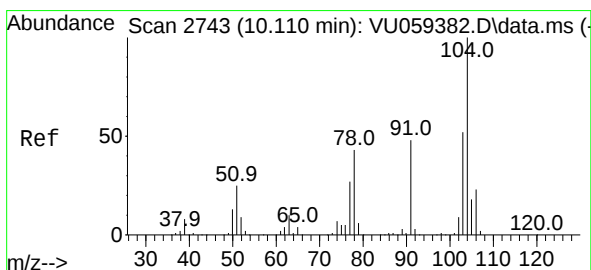
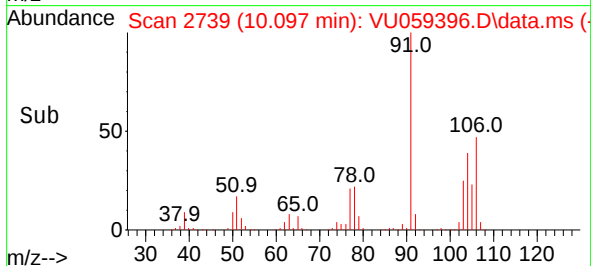
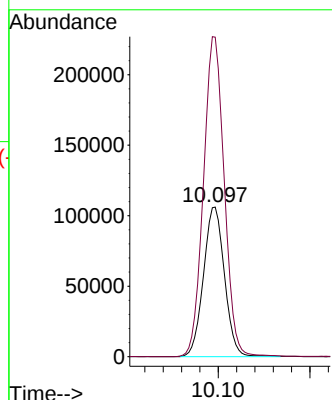
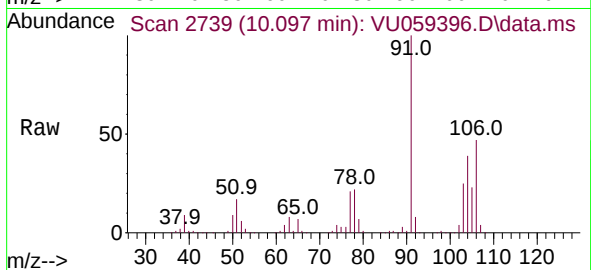
ClientSampleId :

Tgt Ion:106 Resp: 168947

Ion Ratio Lower Upper

106 100

91 213.6 156.7 290.9



#55

Styrene

Concen: 52.391 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU059396.D

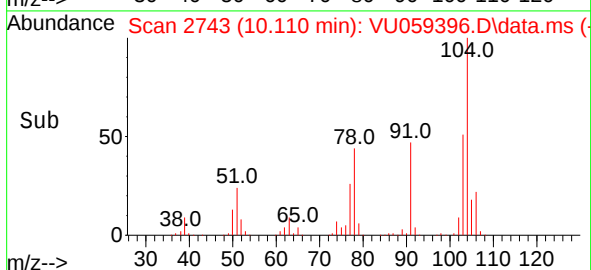
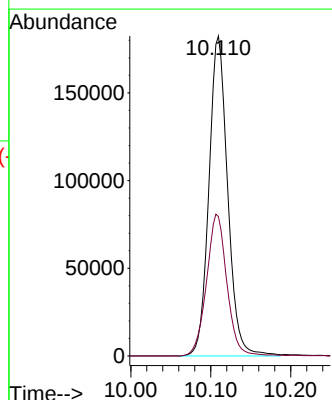
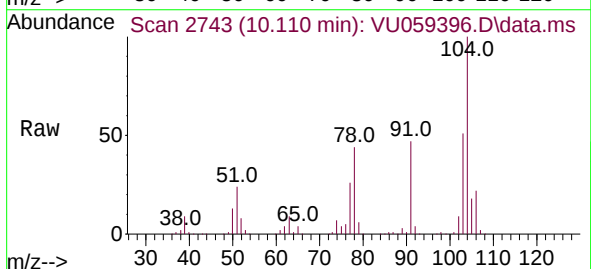
Acq: 20 Jun 2024 21:47

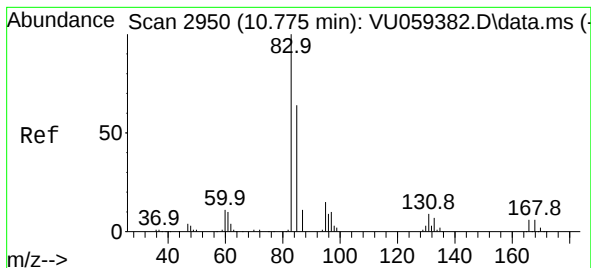
Tgt Ion:104 Resp: 297466

Ion Ratio Lower Upper

104 100

78 43.5 34.7 64.5





#57

1,1,2,2-Tetrachloroethane

Concen: 42.971 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU059396.D

Acq: 20 Jun 2024 21:47

Instrument :

MSVOA_U

ClientSampleId :

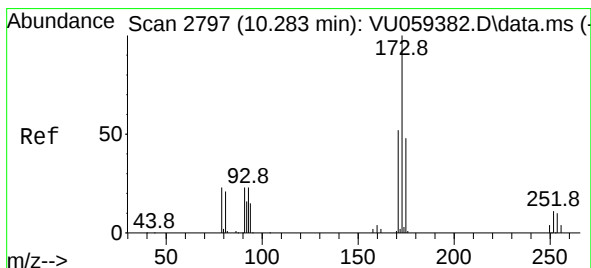
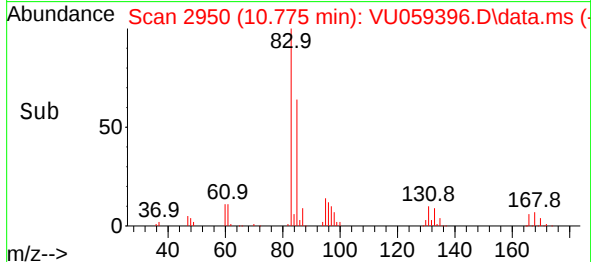
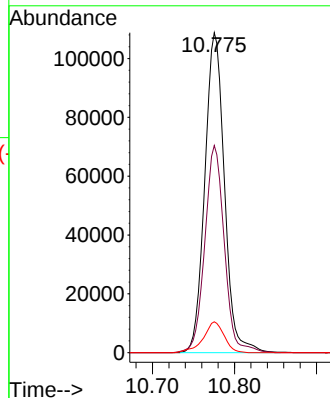
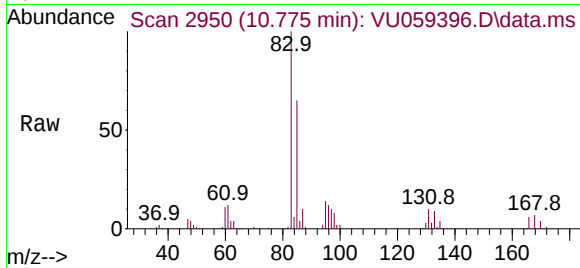
Tgt Ion: 83 Resp: 181112

Ion Ratio Lower Upper

83 100

85 64.7 46.1 85.7

131 9.7 7.0 10.4



#59

Bromoform

Concen: 48.283 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. 0.003 min

Lab File: VU059396.D

Acq: 20 Jun 2024 21:47

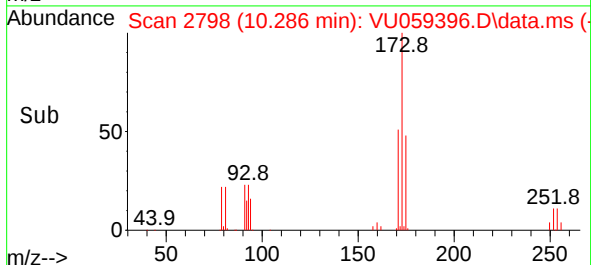
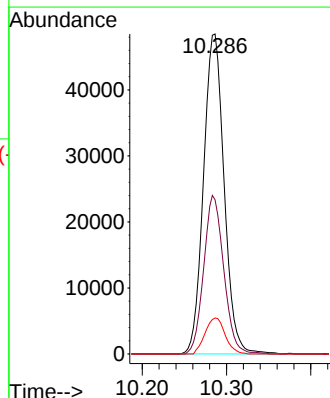
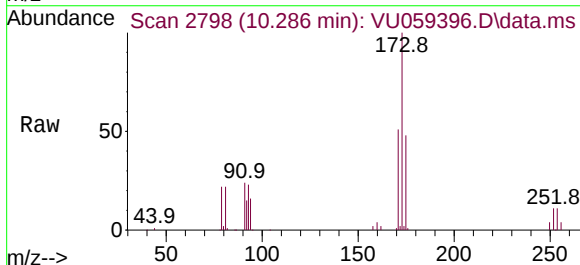
Tgt Ion:173 Resp: 82509

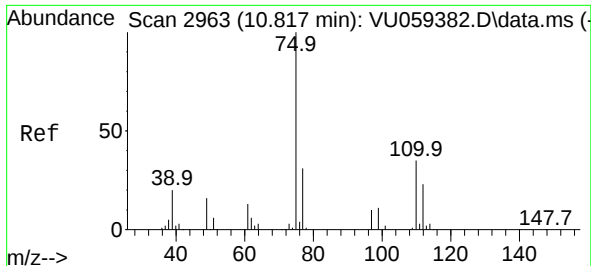
Ion Ratio Lower Upper

173 100

175 48.0 39.0 58.6

254 10.9 7.5 11.3





#60

1,2,3-Trichloropropane

Concen: 40.550 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU059396.D

Acq: 20 Jun 2024 21:47

Instrument :

MSVOA_U

ClientSampleId :

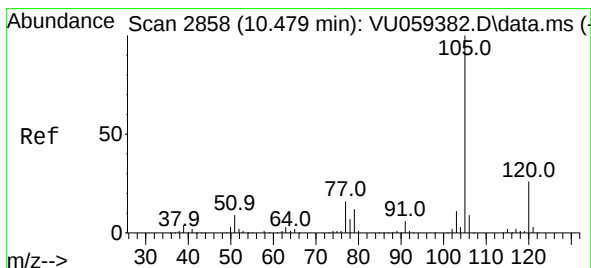
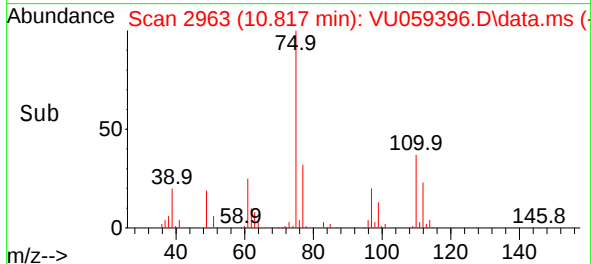
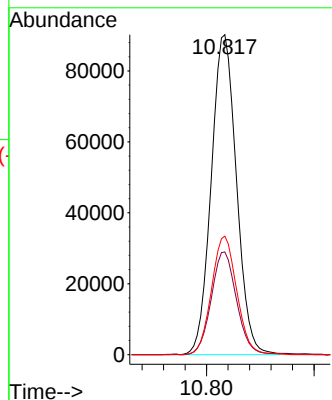
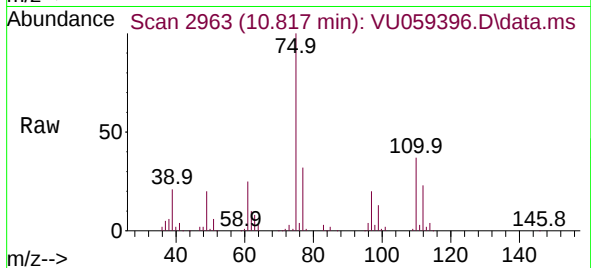
Tgt Ion: 75 Resp: 146970

Ion Ratio Lower Upper

75 100

77 32.3 26.2 39.2

110 37.1 28.4 42.6



#61

Isopropylbenzene

Concen: 47.467 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU059396.D

Acq: 20 Jun 2024 21:47

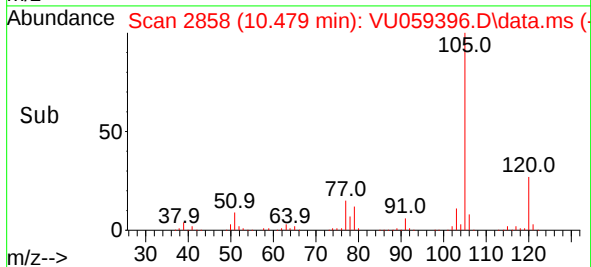
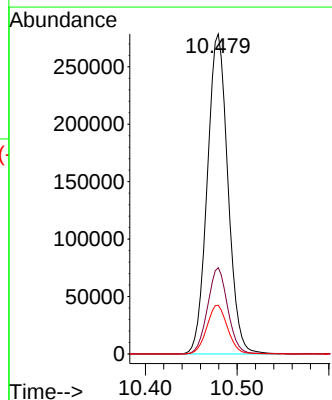
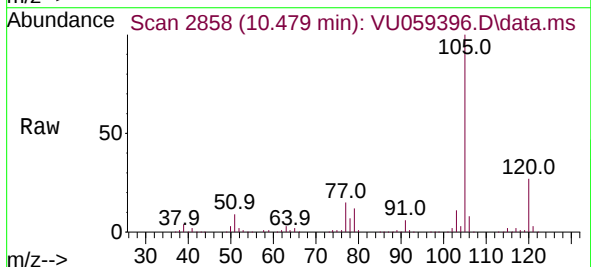
Tgt Ion:105 Resp: 435239

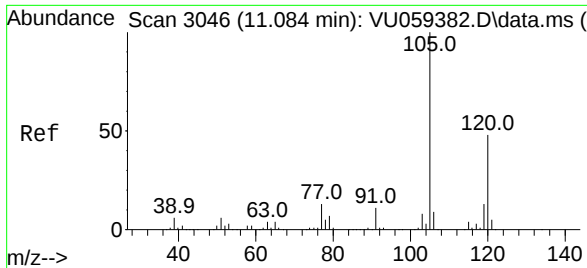
Ion Ratio Lower Upper

105 100

120 26.5 20.3 30.5

77 15.4 13.4 20.0





#62

1,3,5-Trimethylbenzene

Concen: 47.385 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU059396.D

Acq: 20 Jun 2024 21:47

Instrument :

MSVOA_U

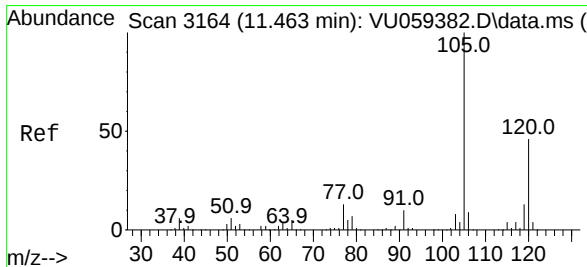
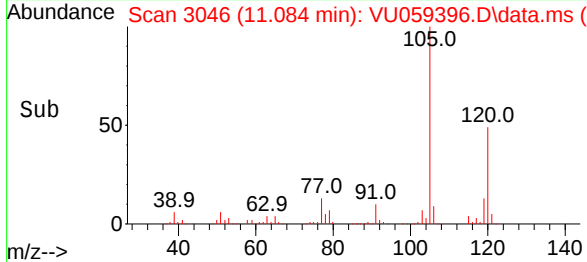
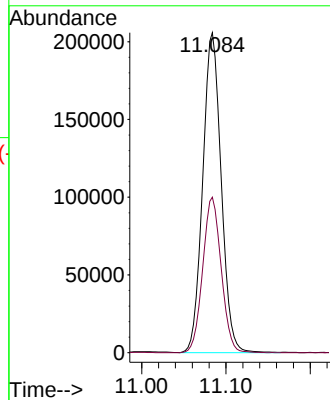
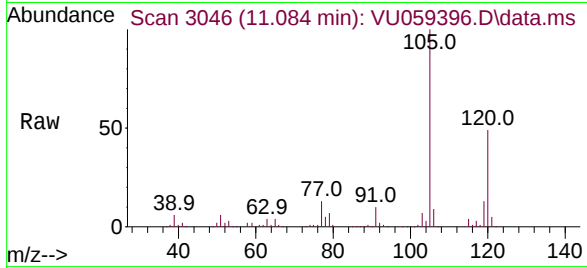
ClientSampleId :

Tgt Ion:105 Resp: 314798

Ion Ratio Lower Upper

105 100

120 48.5 37.8 56.8



#63

1,2,4-Trimethylbenzene

Concen: 47.932 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU059396.D

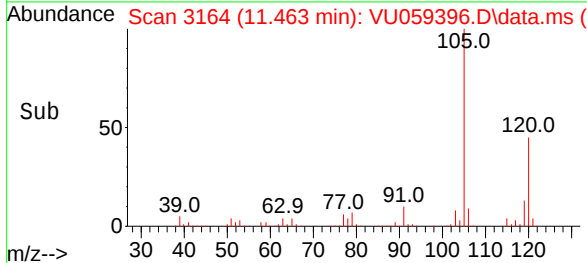
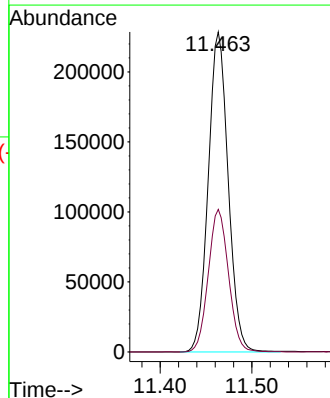
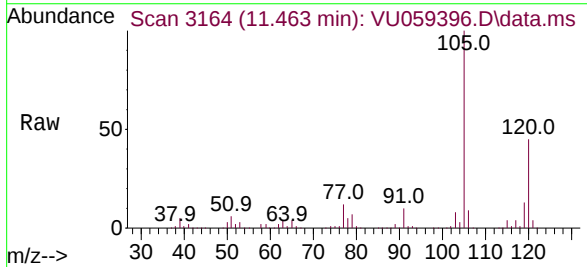
Acq: 20 Jun 2024 21:47

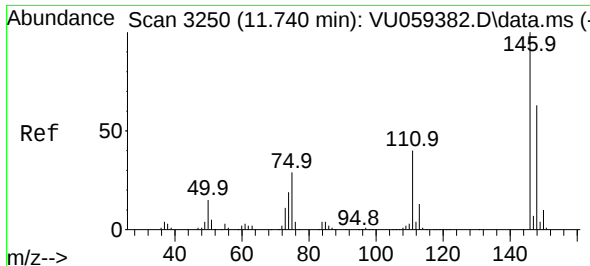
Tgt Ion:105 Resp: 345192

Ion Ratio Lower Upper

105 100

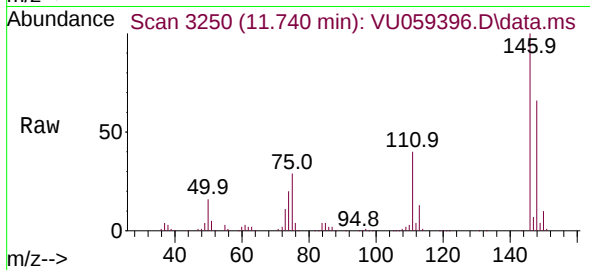
120 45.3 35.0 52.6



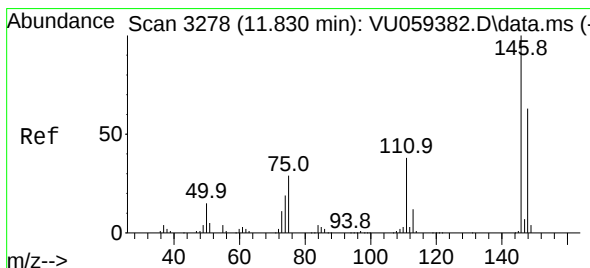
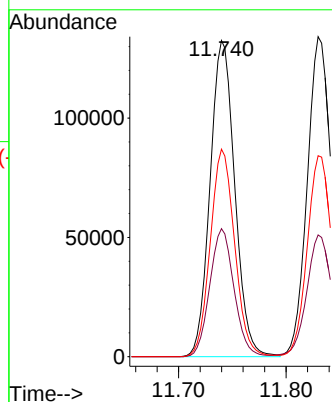
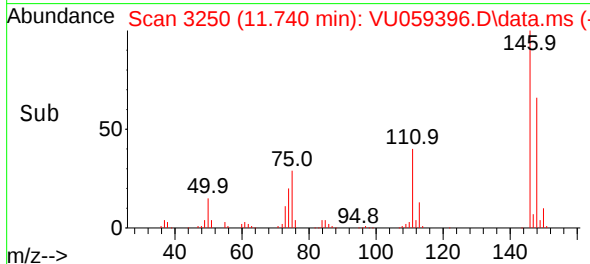


#64
1,3-Dichlorobenzene
Concen: 49.324 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU059396.D
Acq: 20 Jun 2024 21:47

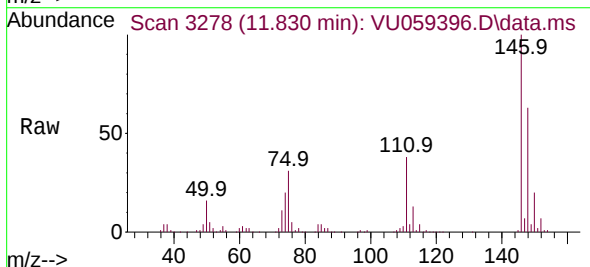
Instrument :
MSVOA_U
ClientSampleId :



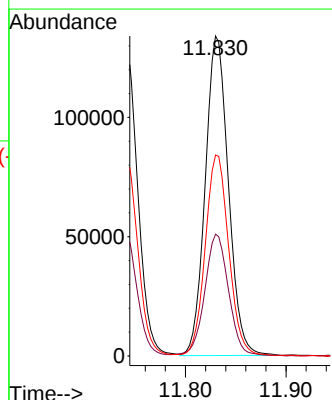
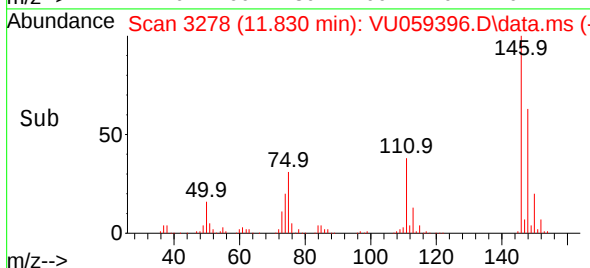
Tgt Ion:146 Resp: 211377
Ion Ratio Lower Upper
146 100
111 40.5 28.7 53.3
148 65.6 44.9 83.5

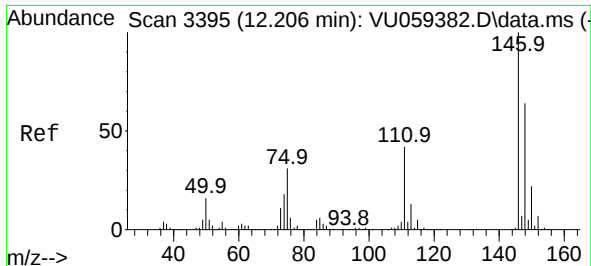


#65
1,4-Dichlorobenzene
Concen: 48.494 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU059396.D
Acq: 20 Jun 2024 21:47



Tgt Ion:146 Resp: 214628
Ion Ratio Lower Upper
146 100
111 38.1 27.9 51.9
148 62.8 45.7 84.9





#67

1,2-Dichlorobenzene

Concen: 47.203 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU059396.D

Acq: 20 Jun 2024 21:47

Instrument :

MSVOA_U

ClientSampleId :

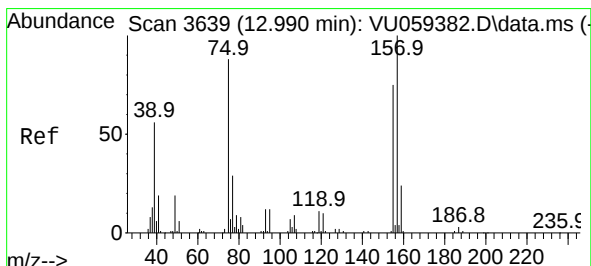
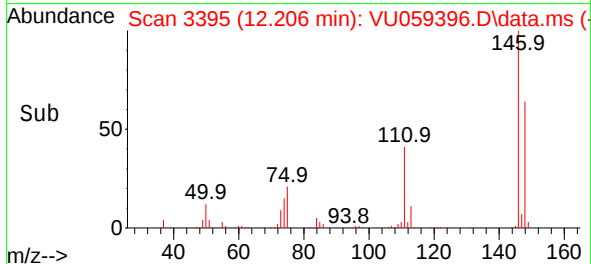
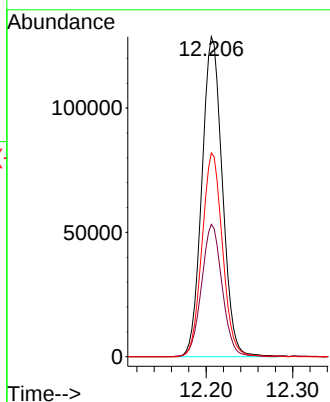
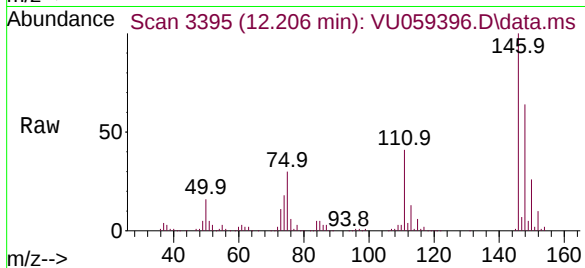
Tgt Ion:146 Resp: 211427

Ion Ratio Lower Upper

146 100

111 41.4 33.4 50.2

148 63.7 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 44.642 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU059396.D

Acq: 20 Jun 2024 21:47

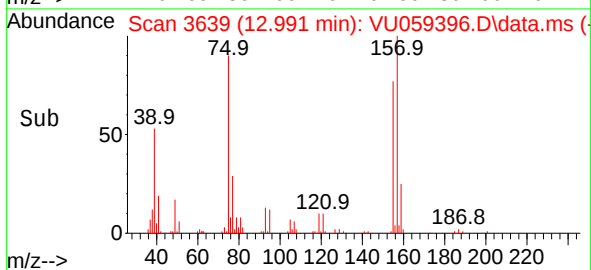
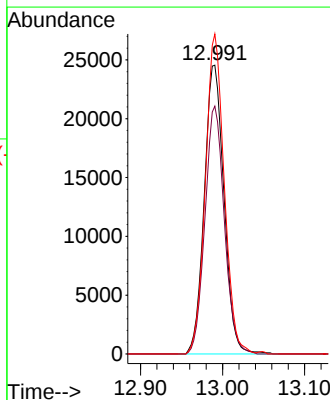
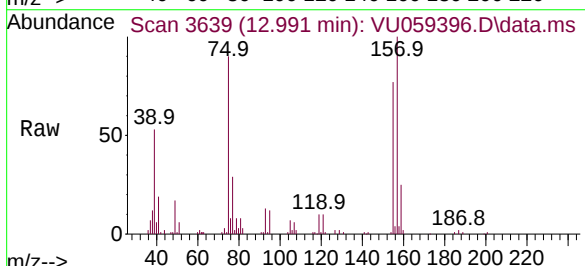
Tgt Ion: 75 Resp: 41019

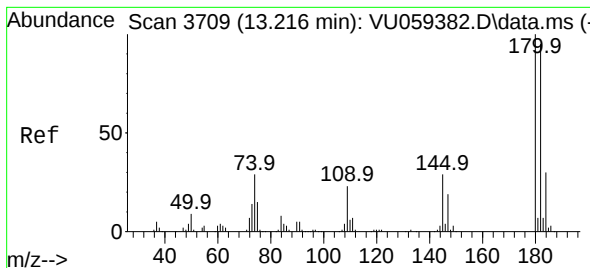
Ion Ratio Lower Upper

75 100

155 90.4 57.5 86.3#

157 115.2 73.4 110.2#





#69

1,3,5-Trichlorobenzene

Concen: 50.910 ug/L

RT: 13.216 min Scan# 3709

Delta R.T. 0.000 min

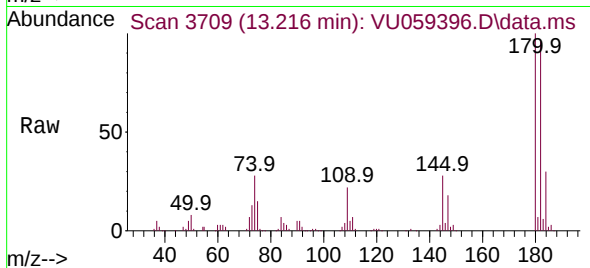
Lab File: VU059396.D

Acq: 20 Jun 2024 21:47

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 144089

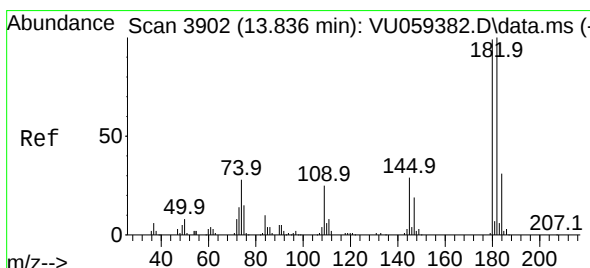
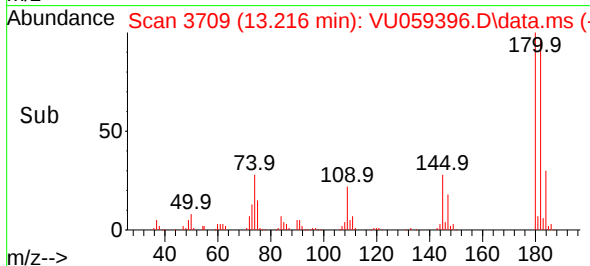
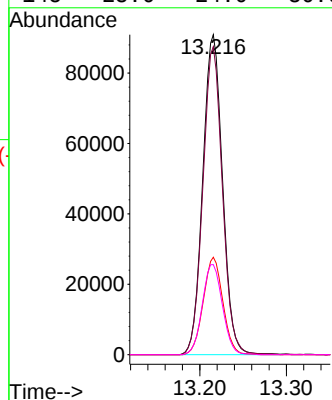
Ion Ratio Lower Upper

180 100

182 95.1 75.6 113.4

184 30.2 24.2 36.2

145 28.6 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 55.086 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU059396.D

Acq: 20 Jun 2024 21:47

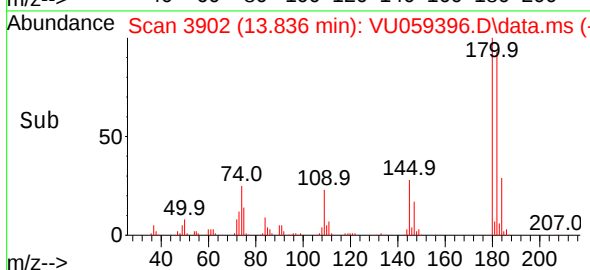
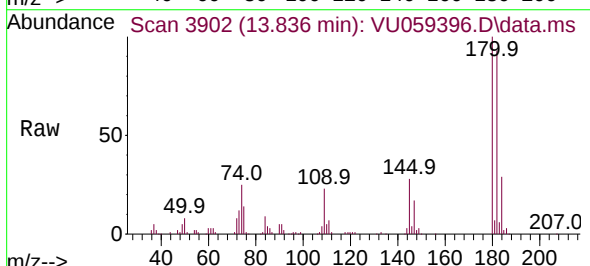
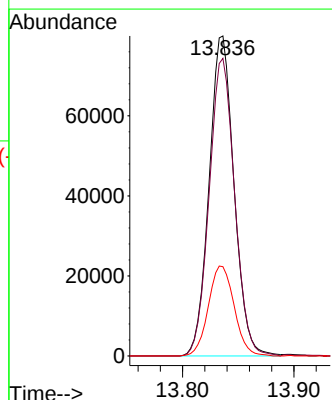
Tgt Ion:180 Resp: 124521

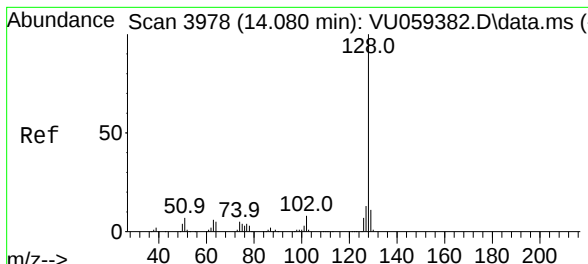
Ion Ratio Lower Upper

180 100

182 94.7 77.4 116.2

145 29.1 24.8 37.2



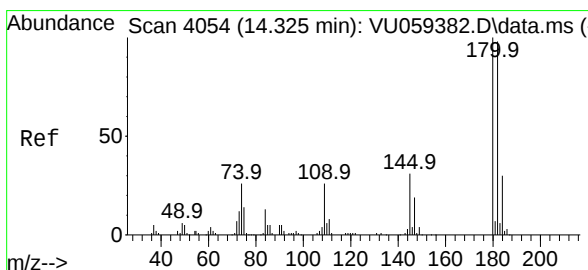
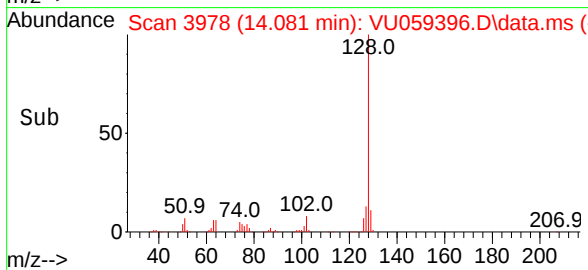
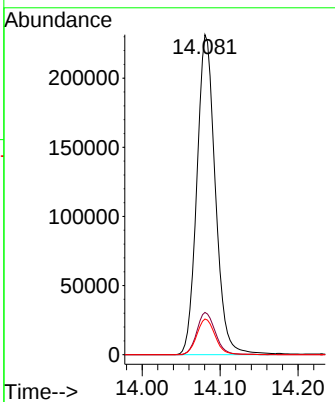
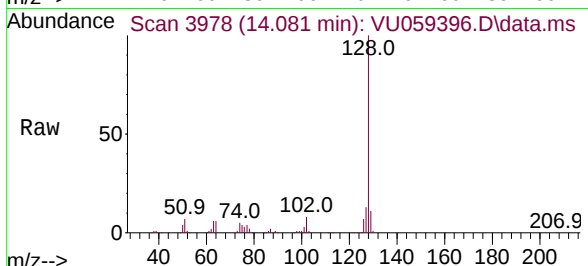


#71
Naphthalene
Concen: 53.287 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU059396.D
Acq: 20 Jun 2024 21:47

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 381277

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.1	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 57.174 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU059396.D
Acq: 20 Jun 2024 21:47

Tgt Ion:180 Resp: 131394

Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.2	114.4
145	30.5	26.4	39.6

