

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
 Data File : VU059177.D
 Acq On : 07 Jun 2024 10:48
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 08 01:47:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 07 05:05:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	217664	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	216066	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	117361	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	69848	53.595	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.200%
7) Chloroethane-d5	1.872	69	59473	53.273	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.540%
11) 1,1-Dichloroethene-d2	2.550	63	138401	53.801	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.600%
21) 2-Butanone-d5	4.615	46	97677	79.516	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.520%
24) Chloroform-d	5.052	84	128783	49.639	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.280%
26) 1,2-Dichloroethane-d4	5.688	65	79285	49.860	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.720%
32) Benzene-d6	5.714	84	259311	52.290	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.580%
36) 1,2-Dichloropropane-d6	6.682	67	83225	48.673	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.340%
41) Toluene-d8	7.891	98	229995	54.633	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.260%
43) trans-1,3-Dichloroprop...	8.174	79	36853	53.321	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.640%
47) 2-Hexanone-d5	8.630	63	68394	86.499	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.500%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	138511	47.864	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.720%
66) 1,2-Dichlorobenzene-d4	12.187	152	87500	49.959	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	112104	50.831	ug/L	98
3) Chloromethane	1.515	50	125752	49.336	ug/L	100
5) Vinyl chloride	1.599	62	129347	51.644	ug/L	98
6) Bromomethane	1.824	94	87367	43.602	ug/L	96
8) Chloroethane	1.891	64	81421	52.132	ug/L	97
9) Trichlorofluoromethane	2.110	101	149002	51.124	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.563	101	92175	54.358	ug/L	97
12) 1,1-Dichloroethene	2.563	96	85187	55.388	ug/L	92
13) Acetone	2.618	43	121334	84.034	ug/L	99
14) Carbon disulfide	2.775	76	266459	51.442	ug/L	99
15) Methyl Acetate	2.936	43	119369	52.192	ug/L	97
16) Methylene chloride	3.029	84	106494	51.174	ug/L	97
17) trans-1,2-Dichloroethene	3.338	96	89385	53.846	ug/L	97
18) Methyl tert-butyl Ether	3.351	73	290240	53.826	ug/L	98
19) 1,1-Dichloroethane	3.853	63	186817	52.503	ug/L	96
20) cis-1,2-Dichloroethene	4.653	96	102563	54.219	ug/L	99
22) 2-Butanone	4.692	43	168567	96.431	ug/L	99
23) Bromochloromethane	4.962	128	52163	54.440	ug/L	96
25) Chloroform	5.074	83	184456	53.537	ug/L	97

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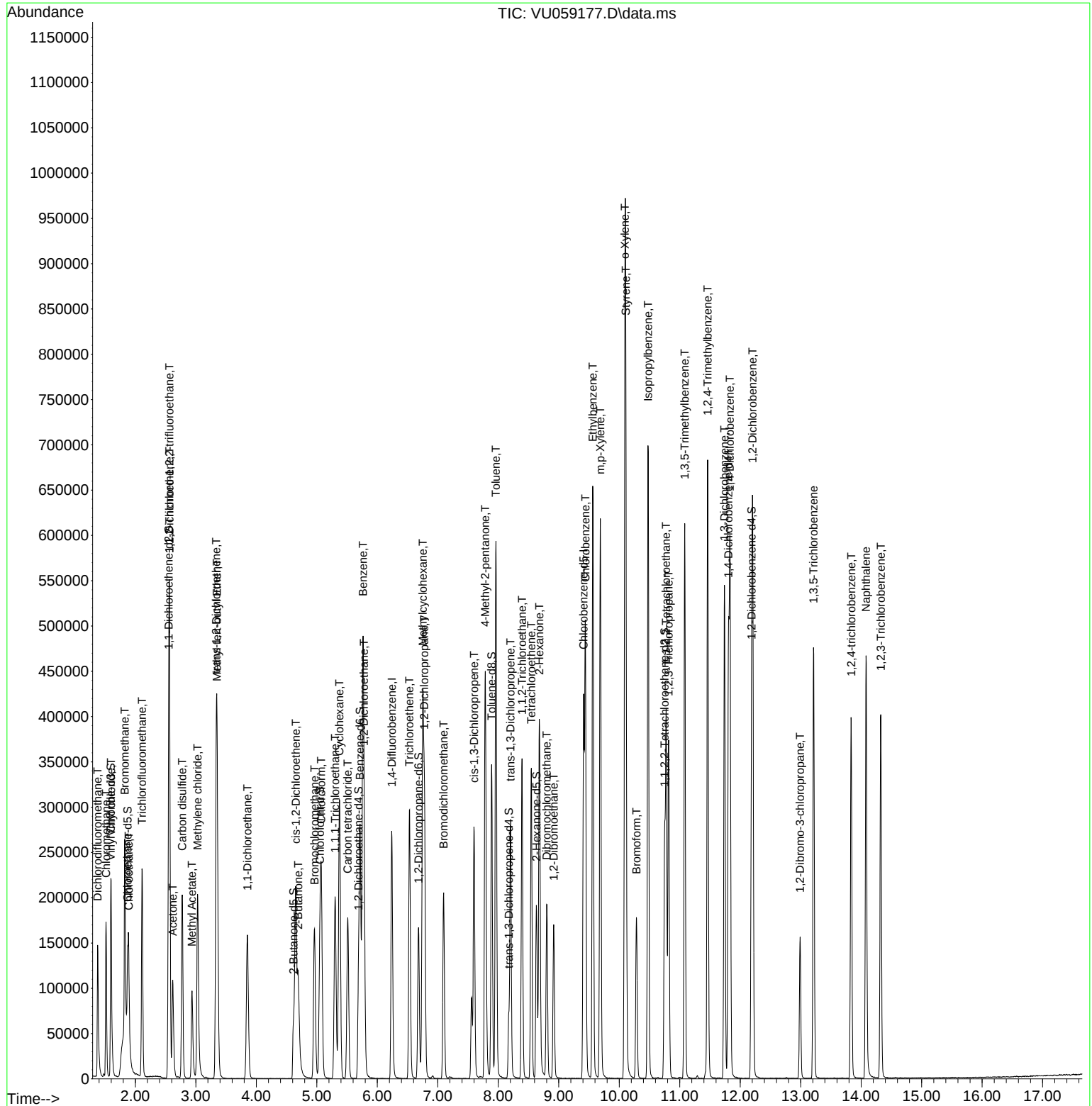
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	152145	52.273	ug/L	99
29) Cyclohexane	5.373	56	154760	53.651	ug/L	100
30) 1,1,1-Trichloroethane	5.303	97	145690	51.860	ug/L	99
31) Carbon tetrachloride	5.512	117	119894	52.542	ug/L	100
33) Benzene	5.762	78	414023	53.066	ug/L	100
34) Trichloroethene	6.531	95	103582	54.221	ug/L	99
35) Methylcyclohexane	6.753	83	162360	57.803	ug/L	98
37) 1,2-Dichloropropane	6.778	63	117665	53.111	ug/L	100
38) Bromodichloromethane	7.097	83	136053	52.721	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	165591	54.021	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	317387	109.276	ug/L	99
42) Toluene	7.962	91	431016	55.036	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	156810	56.507	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	108131	54.285	ug/L	99
46) Tetrachloroethene	8.547	164	72084	56.648	ug/L	95
48) 2-Hexanone	8.679	43	256542	104.728	ug/L	98
49) Dibromochloromethane	8.801	129	100440	55.795	ug/L	99
50) 1,2-Dibromoethane	8.917	107	112903	54.948	ug/L	94
51) Chlorobenzene	9.441	112	260520	55.117	ug/L	99
52) Ethylbenzene	9.563	91	454664	56.314	ug/L	100
53) m,p-Xylene	9.688	106	173661	58.525	ug/L	99
54) o-Xylene	10.093	106	166012	57.728	ug/L	99
55) Styrene	10.109	104	304255	62.243	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.775	83	206005	56.772	ug/L	97
59) Bromoform	10.286	173	80092	52.049	ug/L	99
60) 1,2,3-Trichloropropane	10.817	75	161960	49.625	ug/L	97
61) Isopropylbenzene	10.476	105	442194	53.556	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	327608	54.763	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	367413	56.656	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	215179	55.761	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	222811	55.907	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	220538	54.679	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	40870	49.396	ug/L	91
69) 1,3,5-Trichlorobenzene	13.212	180	144788	56.811	ug/L	100
70) 1,2,4-trichlorobenzene	13.836	180	119086	58.504	ug/L	98
71) Naphthalene	14.080	128	376255	58.397	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	120625	58.289	ug/L	99

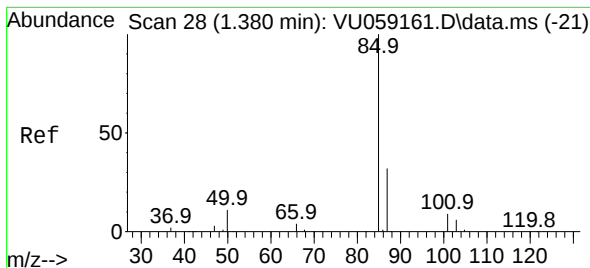
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 50.831 ug/L

RT: 1.377 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU059177.D

Acq: 07 Jun 2024 10:48

Instrument :

MSVOA_U

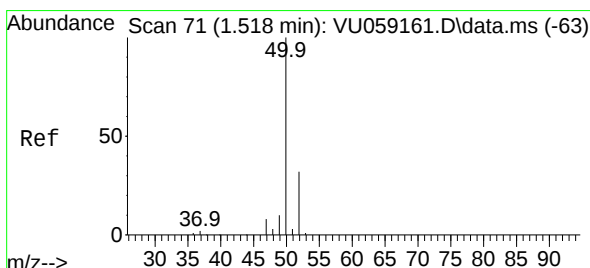
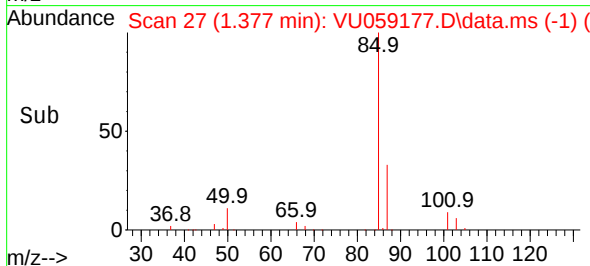
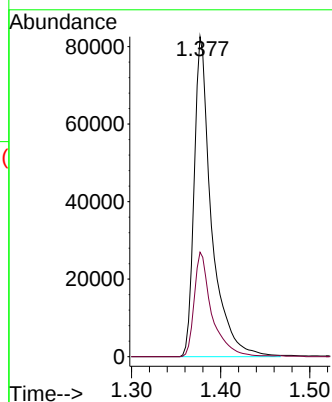
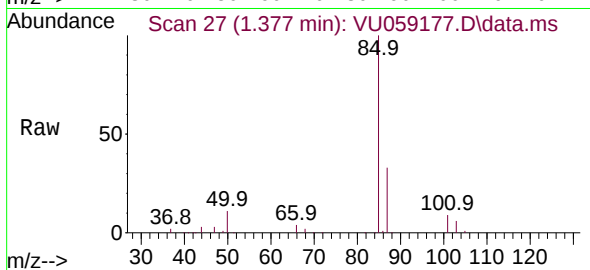
ClientSampleId :

Tgt Ion: 85 Resp: 112104

Ion Ratio Lower Upper

85 100

87 32.9 25.4 38.2



#3

Chloromethane

Concen: 49.336 ug/L

RT: 1.515 min Scan# 70

Delta R.T. -0.003 min

Lab File: VU059177.D

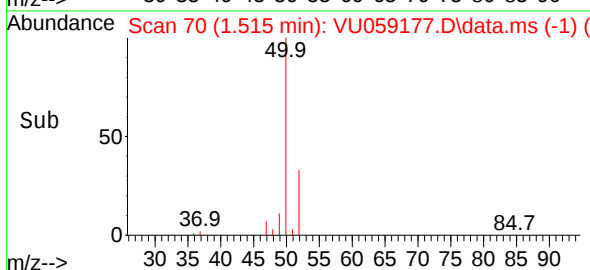
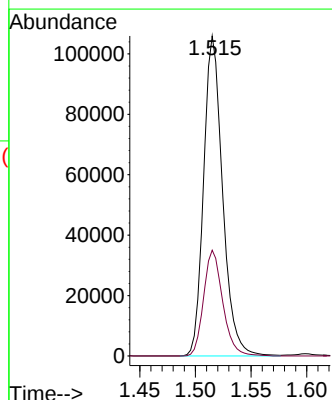
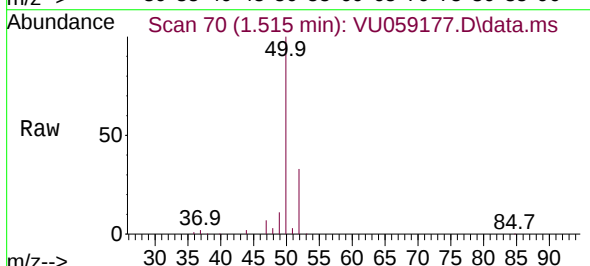
Acq: 07 Jun 2024 10:48

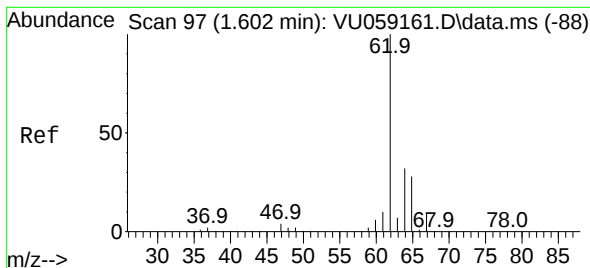
Tgt Ion: 50 Resp: 125752

Ion Ratio Lower Upper

50 100

52 33.0 23.2 43.2





#5

Vinyl chloride

Concen: 51.644 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.003 min

Lab File: VU059177.D

Acq: 07 Jun 2024 10:48

Instrument :

MSVOA_U

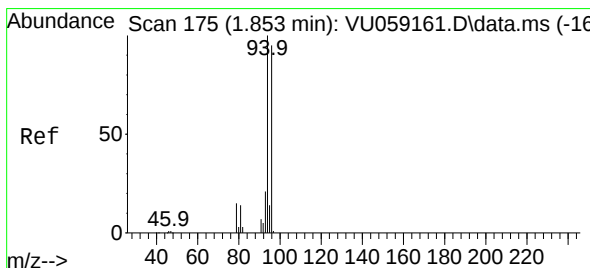
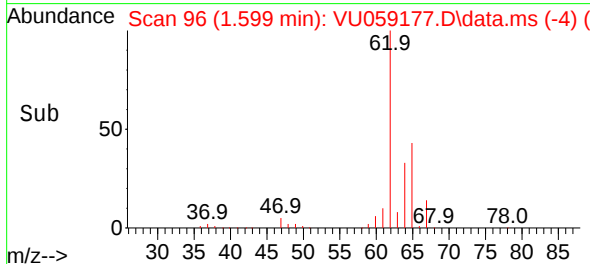
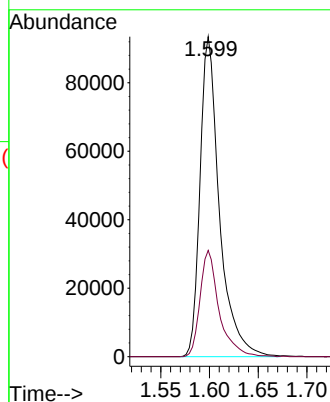
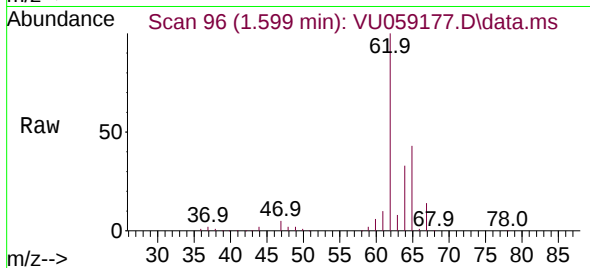
ClientSampleId :

Tgt Ion: 62 Resp: 129347

Ion Ratio Lower Upper

62 100

64 33.2 22.5 41.7



#6

Bromomethane

Concen: 43.602 ug/L

RT: 1.824 min Scan# 166

Delta R.T. -0.029 min

Lab File: VU059177.D

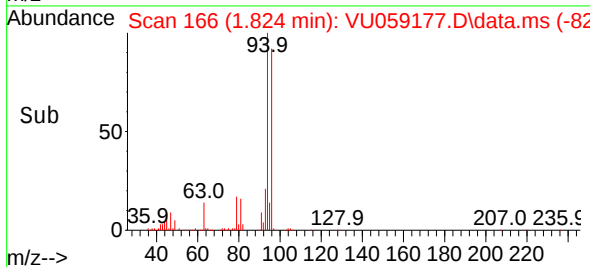
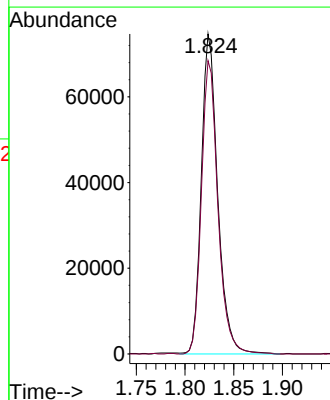
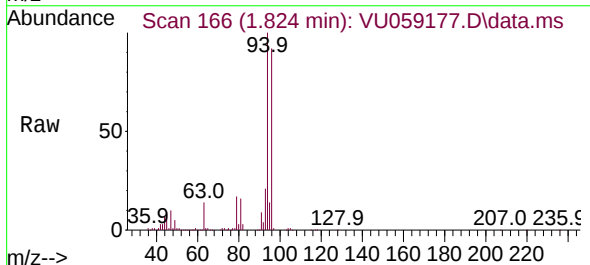
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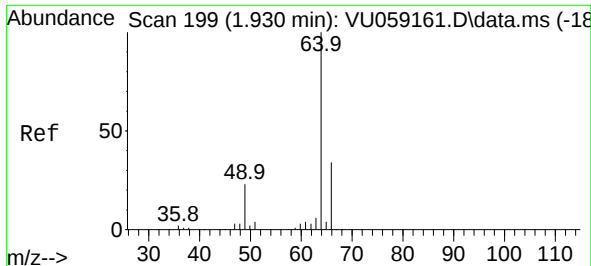
Tgt Ion: 94 Resp: 87367

Ion Ratio Lower Upper

94 100

96 91.7 67.1 124.7

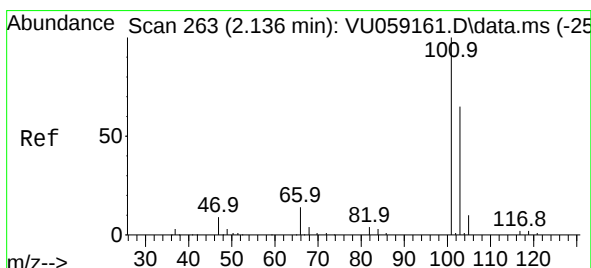
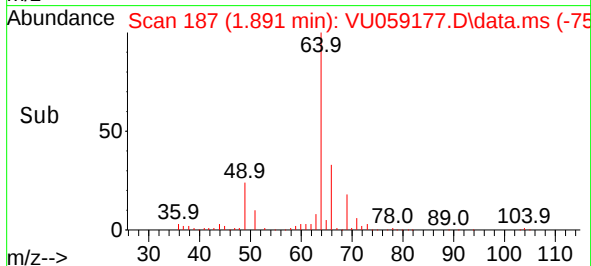
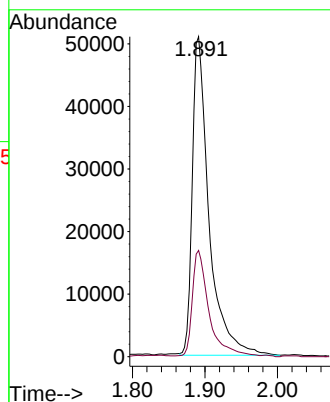
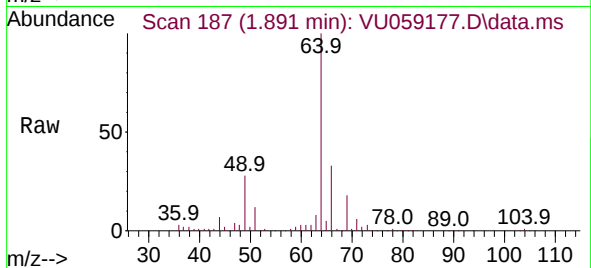




#8
Chloroethane
Concen: 52.132 ug/L
RT: 1.891 min Scan# 11
Delta R.T. -0.039 min
Lab File: VU059177.D
Acq: 07 Jun 2024 10:48

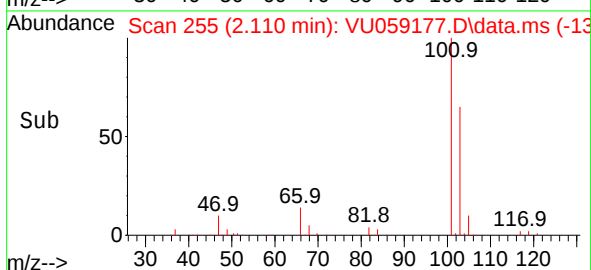
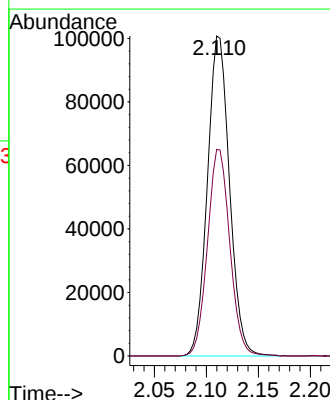
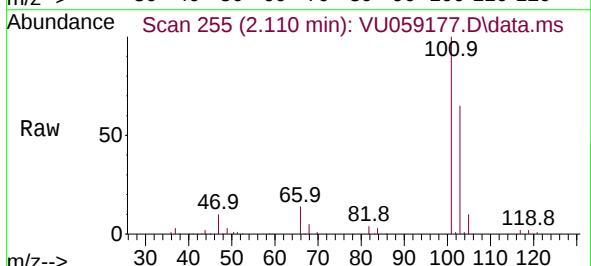
Instrument :
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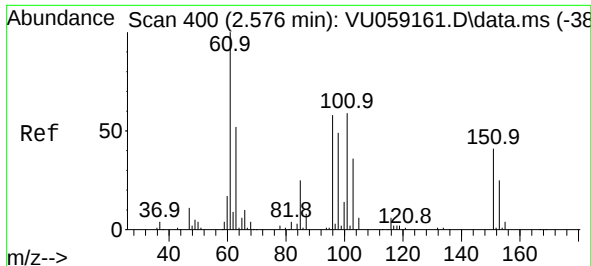
Tgt Ion: 64 Resp: 81421
Ion Ratio Lower Upper
64 100
66 33.2 22.1 41.1



#9
Trichlorofluoromethane
Concen: 51.124 ug/L
RT: 2.110 min Scan# 255
Delta R.T. -0.026 min
Lab File: VU059177.D
Acq: 07 Jun 2024 10:48

Tgt Ion:101 Resp: 149002
Ion Ratio Lower Upper
101 100
103 65.2 51.8 77.6

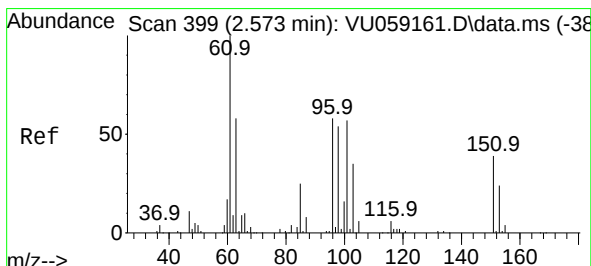
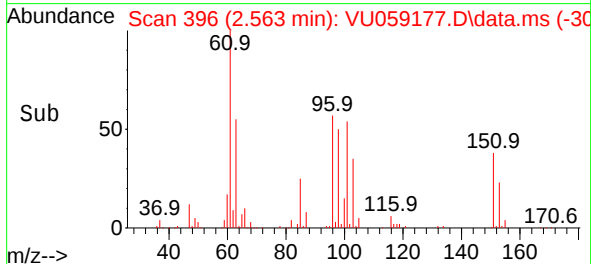
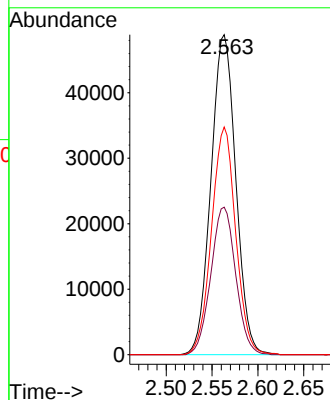
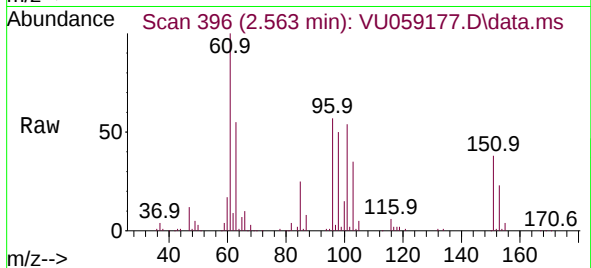




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 54.358 ug/L
RT: 2.563 min Scan# 396
Delta R.T. -0.013 min
Lab File: VU059177.D
Acq: 07 Jun 2024 10:48

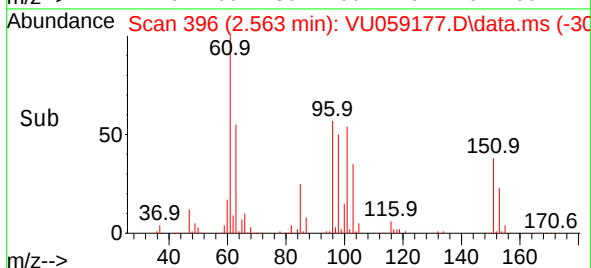
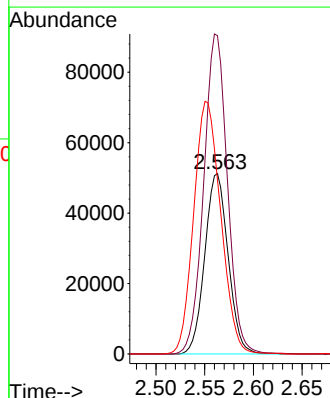
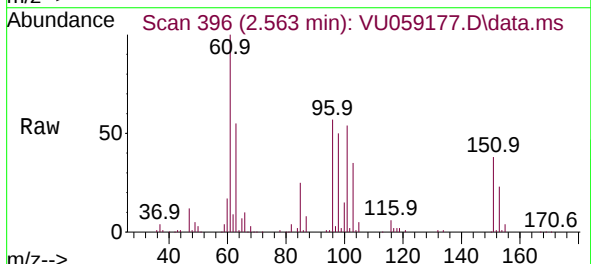
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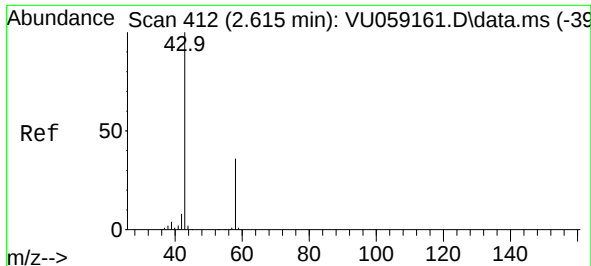
Tgt Ion:101 Resp: 92175
Ion Ratio Lower Upper
101 100
85 46.2 36.7 55.1
151 69.4 52.2 78.2



#12
1,1-Dichloroethene
Concen: 55.388 ug/L
RT: 2.563 min Scan# 396
Delta R.T. -0.010 min
Lab File: VU059177.D
Acq: 07 Jun 2024 10:48

Tgt Ion: 96 Resp: 85187
Ion Ratio Lower Upper
96 100
61 176.4 126.3 234.6
63 96.4 78.7 146.1





#13

Acetone

Concen: 84.034 ug/L

RT: 2.618 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU059177.D

Acq: 07 Jun 2024 10:48

Instrument :

MSVOA_U

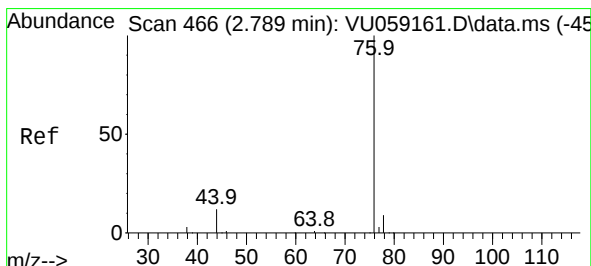
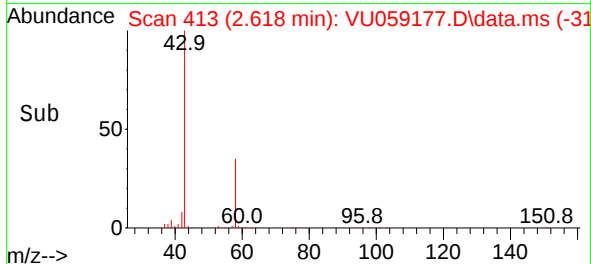
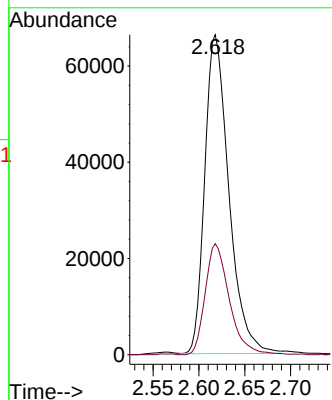
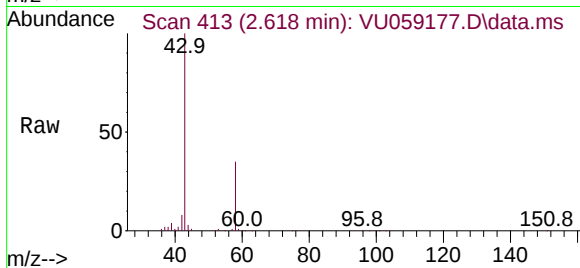
ClientSampleId :

Tgt Ion: 43 Resp: 121334

Ion Ratio Lower Upper

43 100

58 34.8 0.0 68.8



#14

Carbon disulfide

Concen: 51.442 ug/L

RT: 2.775 min Scan# 462

Delta R.T. -0.013 min

Lab File: VU059177.D

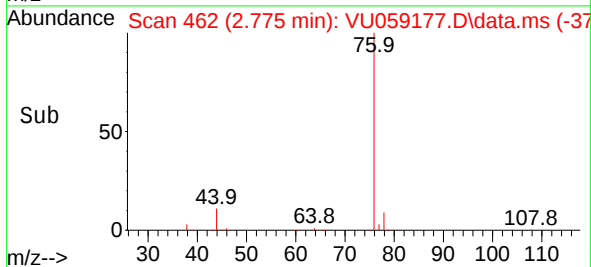
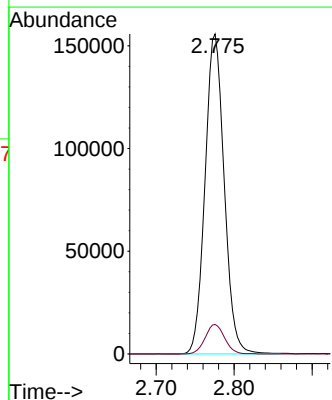
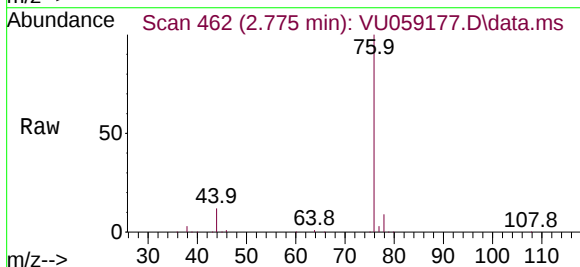
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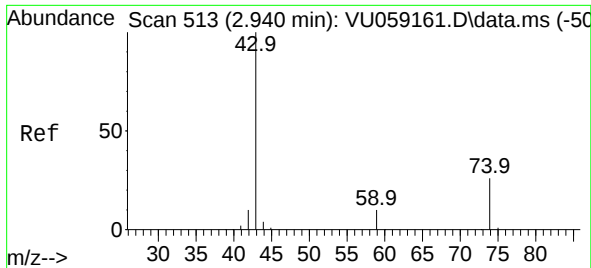
Tgt Ion: 76 Resp: 266459

Ion Ratio Lower Upper

76 100

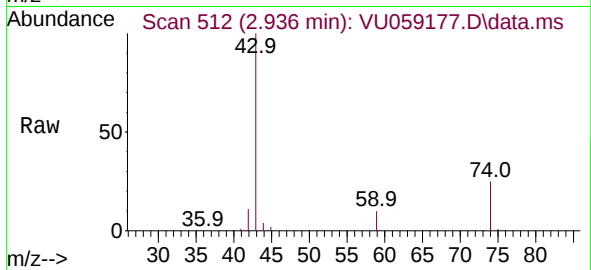
78 9.2 7.2 10.8



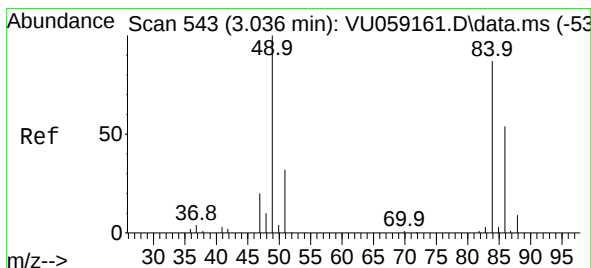
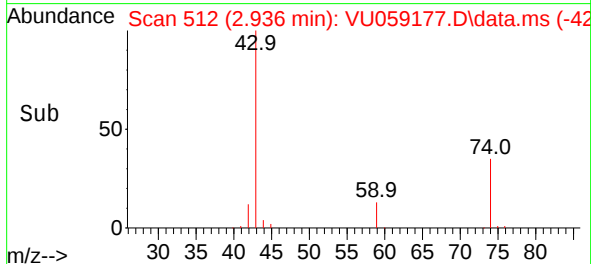
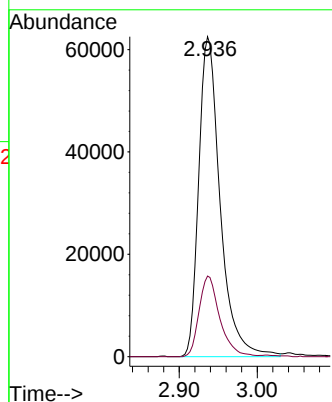


#15
Methyl Acetate
Concen: 52.192 ug/L
RT: 2.936 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU059177.D
Acq: 07 Jun 2024 10:48

Instrument :
MSVOA_U
ClientSampleId :

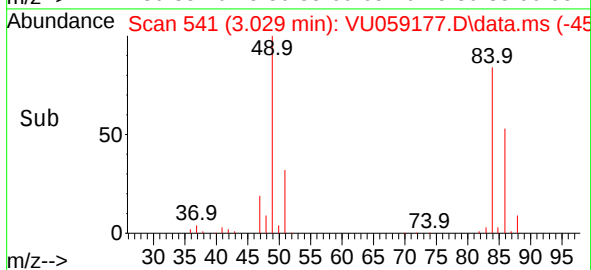
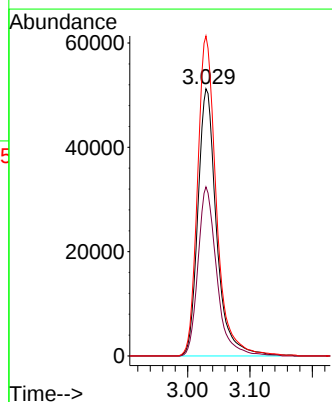
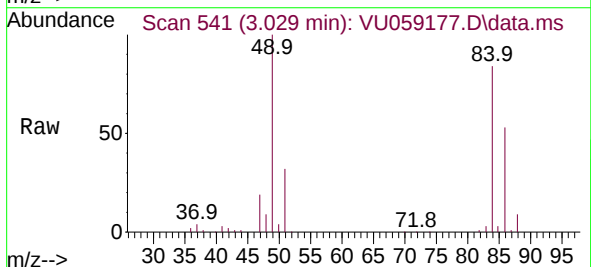


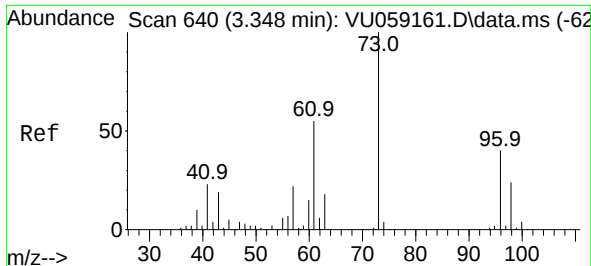
Tgt Ion: 43 Resp: 119369
Ion Ratio Lower Upper
43 100
74 24.3 20.8 31.2



#16
Methylene chloride
Concen: 51.174 ug/L
RT: 3.029 min Scan# 541
Delta R.T. -0.007 min
Lab File: VU059177.D
Acq: 07 Jun 2024 10:48

Tgt Ion: 84 Resp: 106494
Ion Ratio Lower Upper
84 100
86 63.3 44.9 83.3
49 119.7 87.5 162.5

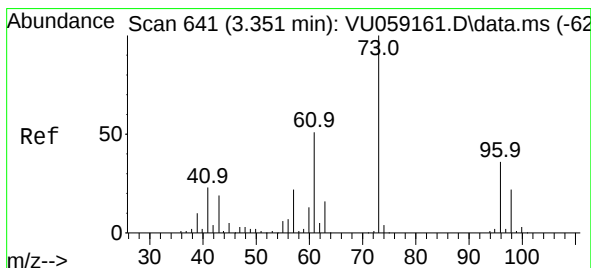
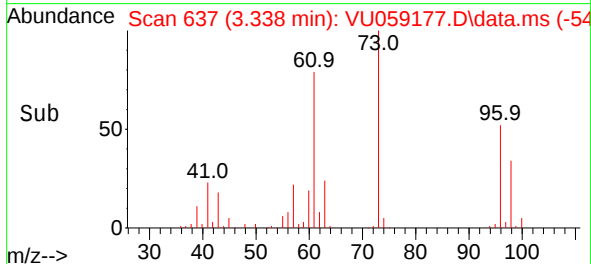
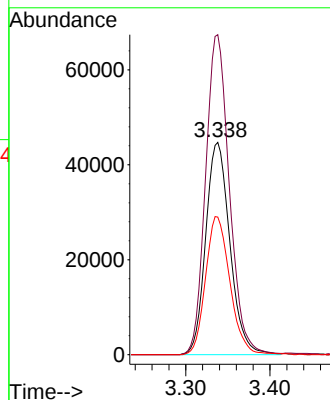
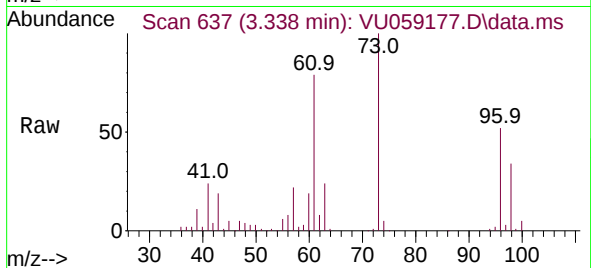




#17
trans-1,2-Dichloroethene
Concen: 53.846 ug/L
RT: 3.338 min Scan# 640
Delta R.T. -0.010 min
Lab File: VU059177.D
Acq: 07 Jun 2024 10:48

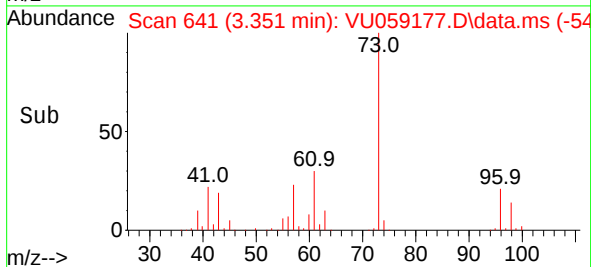
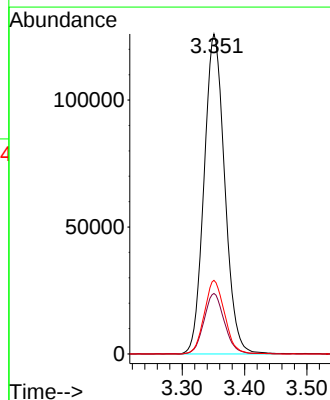
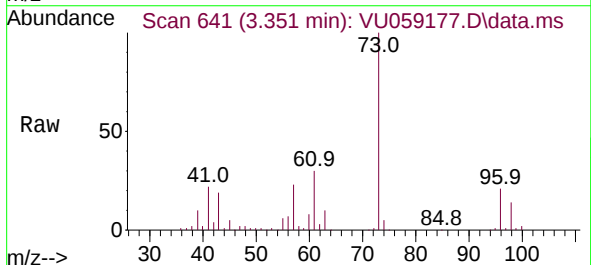
Instrument :
MSVOA_U
ClientSampleId :

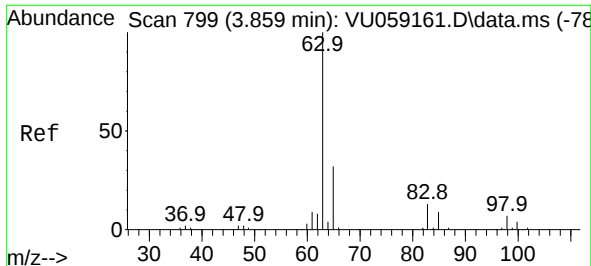
Tgt Ion: 96 Resp: 89385
Ion Ratio Lower Upper
96 100
61 150.7 103.5 192.3
98 64.8 42.4 78.6



#18
Methyl tert-butyl Ether
Concen: 53.826 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU059177.D
Acq: 07 Jun 2024 10:48

Tgt Ion: 73 Resp: 290240
Ion Ratio Lower Upper
73 100
43 18.7 15.6 23.4
57 22.7 18.6 28.0

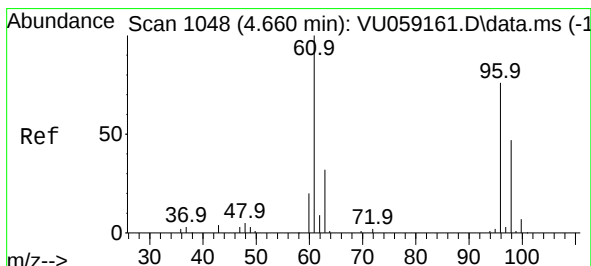
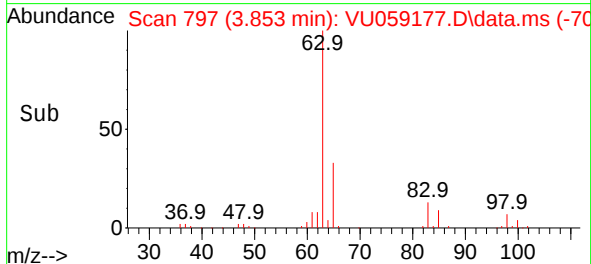
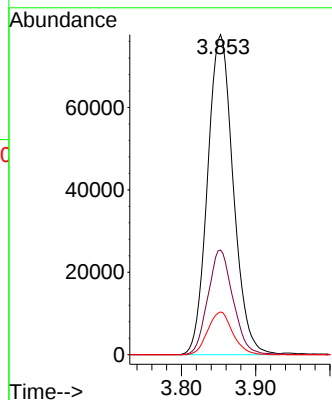
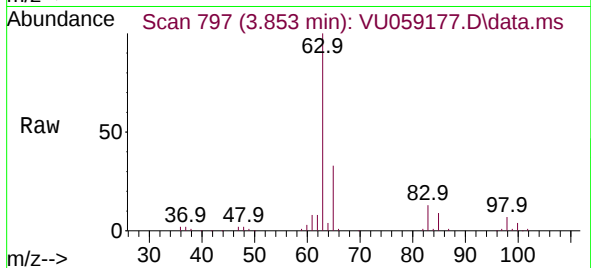




#19
1,1-Dichloroethane
Concen: 52.503 ug/L
RT: 3.853 min Scan# 799
Delta R.T. -0.007 min
Lab File: VU059177.D
Acq: 07 Jun 2024 10:48

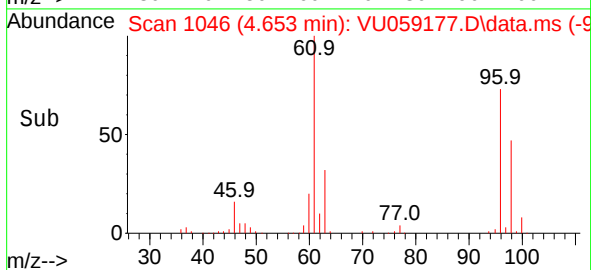
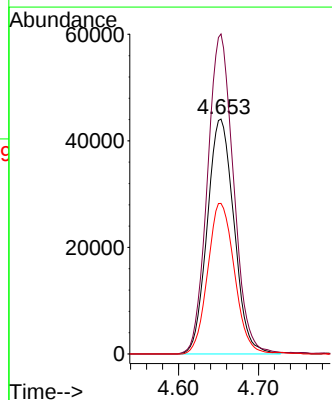
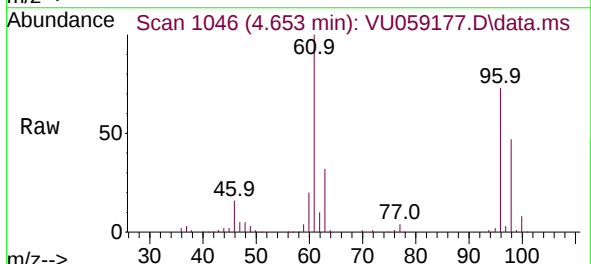
Instrument :
MSVOA_U
ClientSampleId :

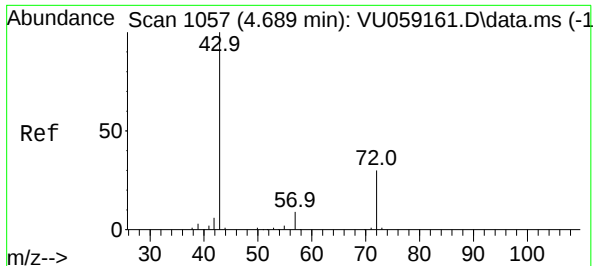
Tgt Ion: 63 Resp: 186817
Ion Ratio Lower Upper
63 100
65 32.7 21.3 39.5
83 13.4 8.8 16.3



#20
cis-1,2-Dichloroethene
Concen: 54.219 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.007 min
Lab File: VU059177.D
Acq: 07 Jun 2024 10:48

Tgt Ion: 96 Resp: 102563
Ion Ratio Lower Upper
96 100
61 136.3 96.2 178.6
98 64.1 45.6 84.6

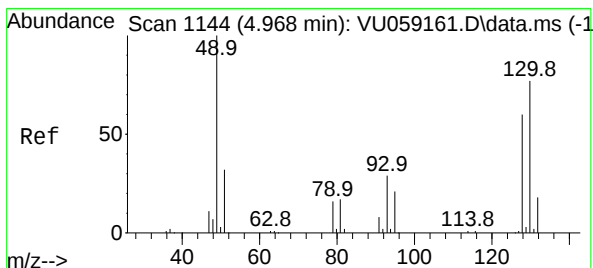
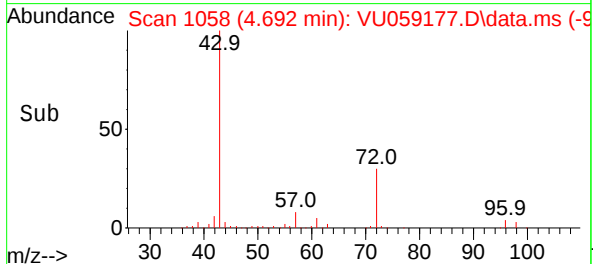
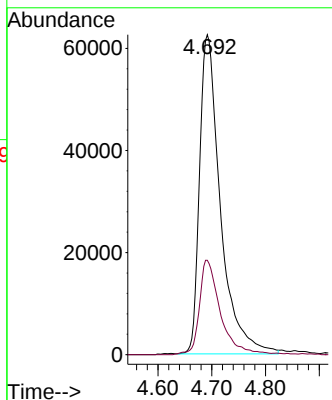
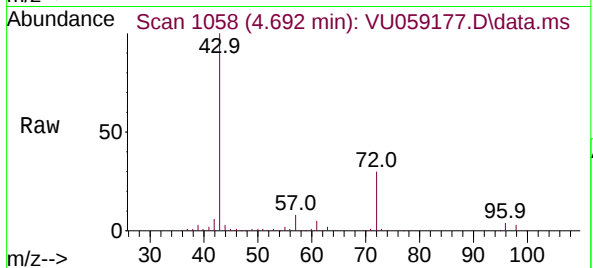




#22
2-Butanone
Concen: 96.431 ug/L
RT: 4.692 min Scan# 1058
Delta R.T. 0.003 min
Lab File: VU059177.D
Acq: 07 Jun 2024 10:48

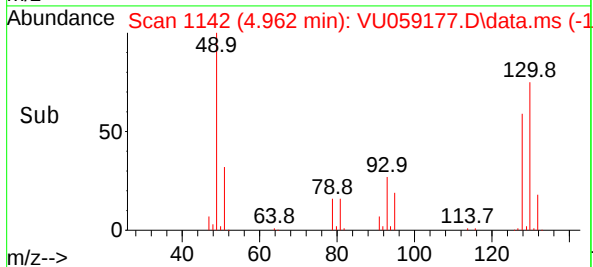
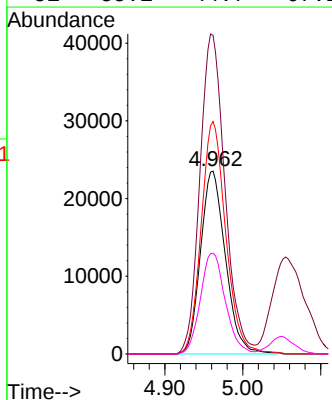
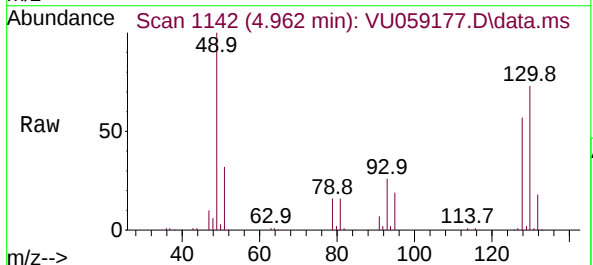
Instrument :
MSVOA_U
ClientSampleId :

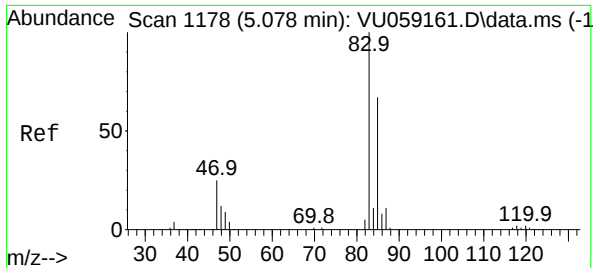
Tgt Ion: 43 Resp: 168567
Ion Ratio Lower Upper
43 100
72 29.1 14.2 42.8



#23
Bromochloromethane
Concen: 54.440 ug/L
RT: 4.962 min Scan# 1142
Delta R.T. -0.007 min
Lab File: VU059177.D
Acq: 07 Jun 2024 10:48

Tgt Ion:128 Resp: 52163
Ion Ratio Lower Upper
128 100
49 174.1 128.4 238.4
130 127.1 86.9 161.3
51 55.1 44.7 67.1





#25

Chloroform

Concen: 53.537 ug/L

RT: 5.074 min Scan# 1178

Delta R.T. -0.003 min

Lab File: VU059177.D

Acq: 07 Jun 2024 10:48

Instrument :

MSVOA_U

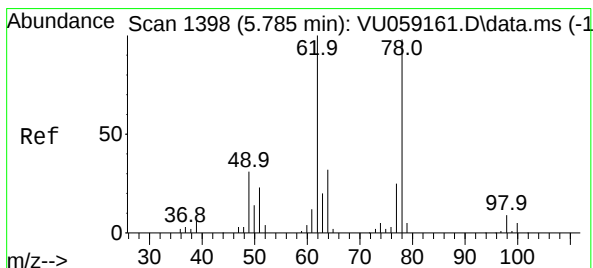
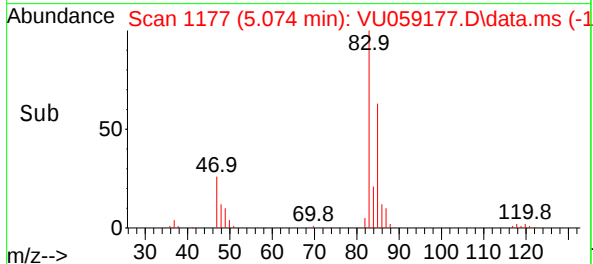
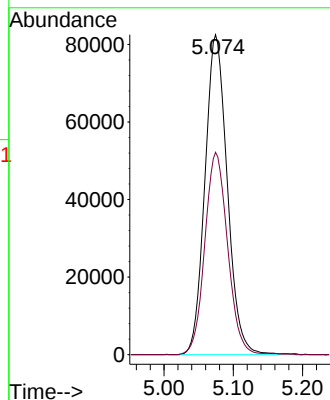
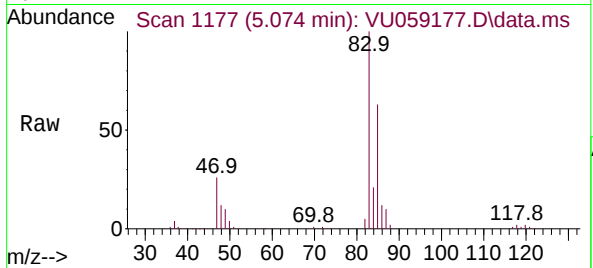
ClientSampleId :

Tgt Ion: 83 Resp: 184456

Ion Ratio Lower Upper

83 100

85 63.3 46.1 85.7



#27

1,2-Dichloroethane

Concen: 52.273 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. -0.003 min

Lab File: VU059177.D

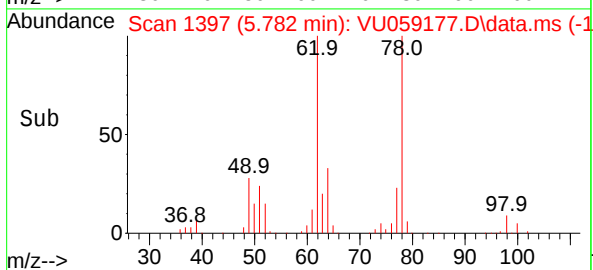
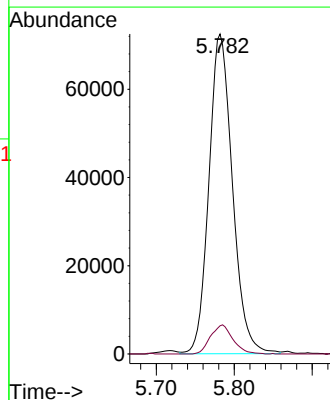
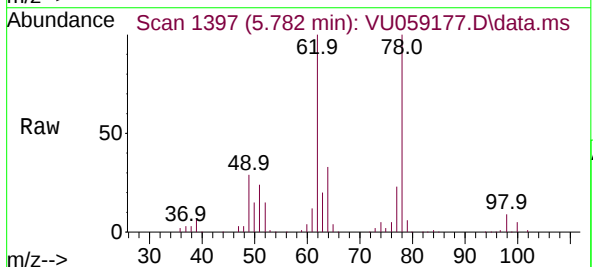
Acq: 07 Jun 2024 10:48

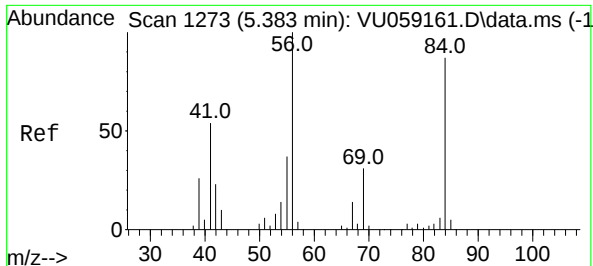
Tgt Ion: 62 Resp: 152145

Ion Ratio Lower Upper

62 100

98 8.8 6.9 10.3





#29

Cyclohexane

Concen: 53.651 ug/L

RT: 5.373 min Scan# 1270

Delta R.T. -0.010 min

Lab File: VU059177.D

Acq: 07 Jun 2024 10:48

Instrument :

MSVOA_U

ClientSampleId :

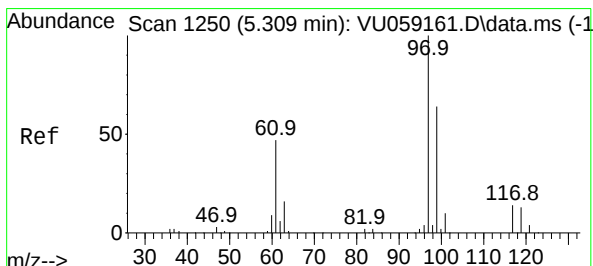
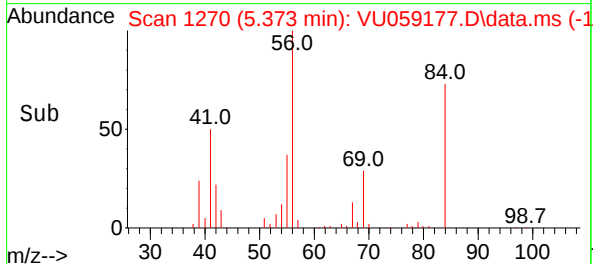
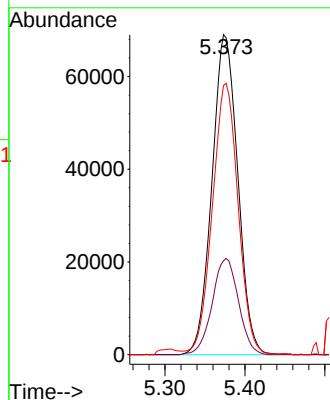
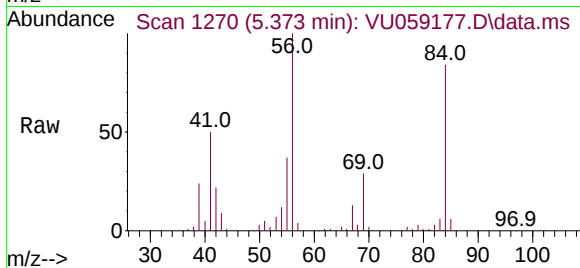
Tgt Ion: 56 Resp: 154760

Ion Ratio Lower Upper

56 100

69 30.6 24.6 37.0

84 84.6 67.4 101.0



#30

1,1,1-Trichloroethane

Concen: 51.860 ug/L

RT: 5.303 min Scan# 1248

Delta R.T. -0.007 min

Lab File: VU059177.D

Acq: 07 Jun 2024 10:48

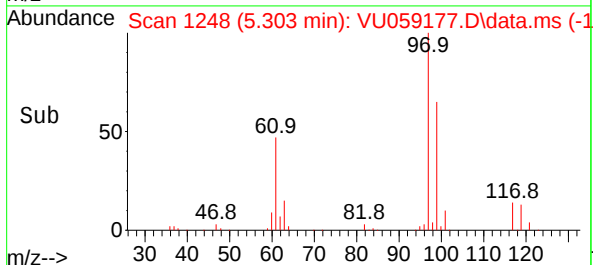
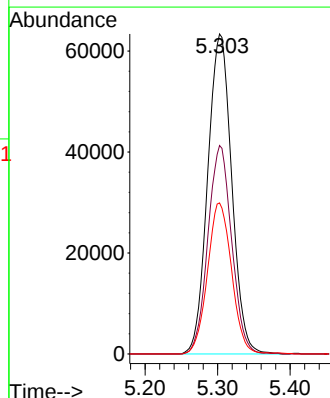
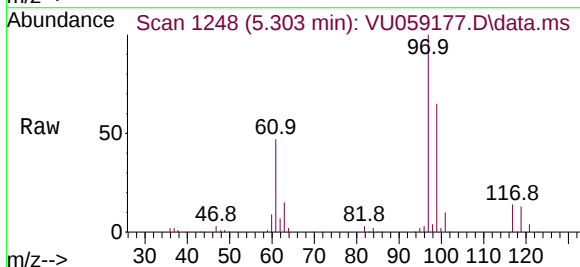
Tgt Ion: 97 Resp: 145690

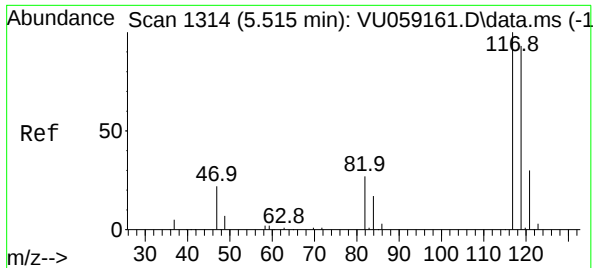
Ion Ratio Lower Upper

97 100

99 64.4 51.6 77.4

61 47.4 39.1 58.7

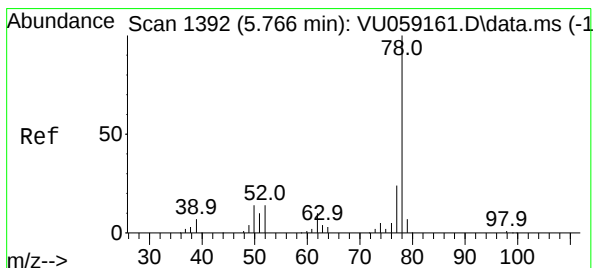
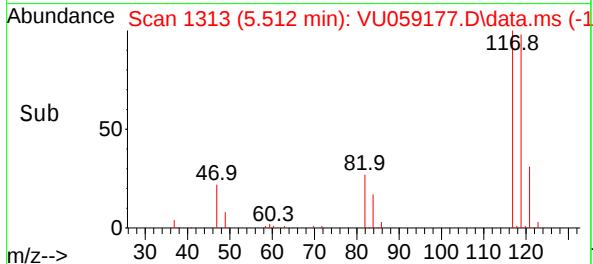
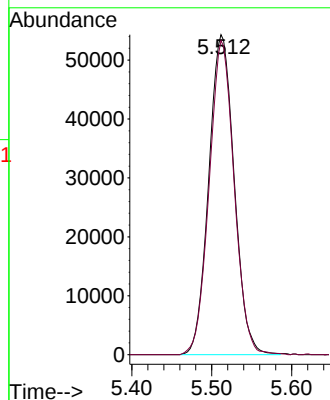
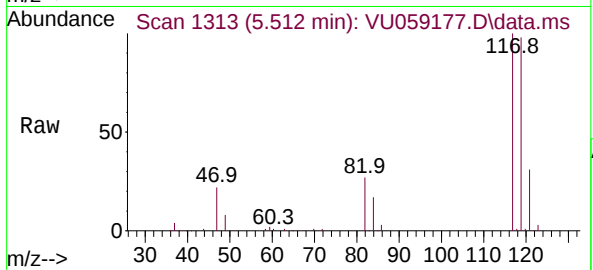




#31
Carbon tetrachloride
Concen: 52.542 ug/L
RT: 5.512 min Scan# 1314
Delta R.T. -0.003 min
Lab File: VU059177.D
Acq: 07 Jun 2024 10:48

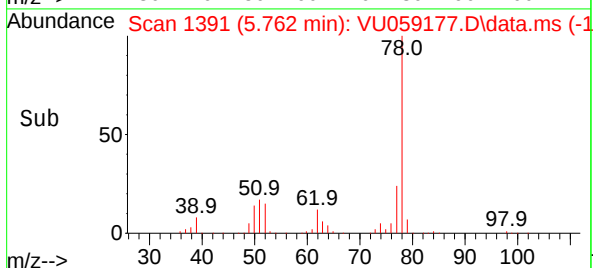
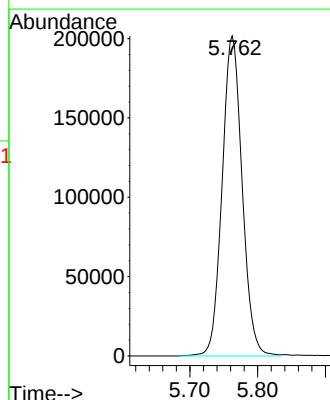
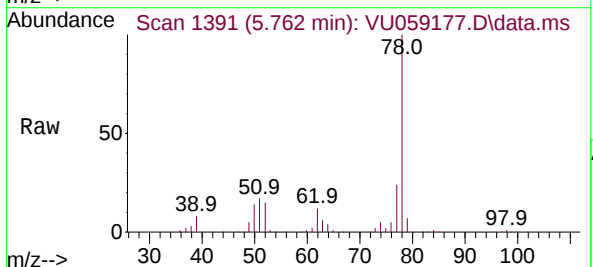
Instrument :
MSVOA_U
ClientSampleId :

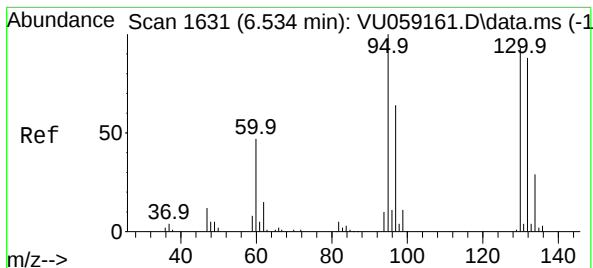
Tgt Ion:117 Resp: 119894
Ion Ratio Lower Upper
117 100
119 96.2 76.9 115.3



#33
Benzene
Concen: 53.066 ug/L
RT: 5.762 min Scan# 1391
Delta R.T. -0.003 min
Lab File: VU059177.D
Acq: 07 Jun 2024 10:48

Tgt Ion: 78 Resp: 414023





#34

Trichloroethene

Concen: 54.221 ug/L

RT: 6.531 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU059177.D

Acq: 07 Jun 2024 10:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 103582

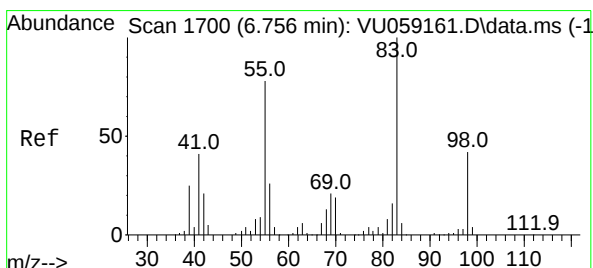
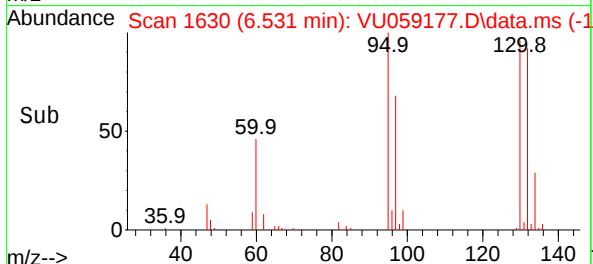
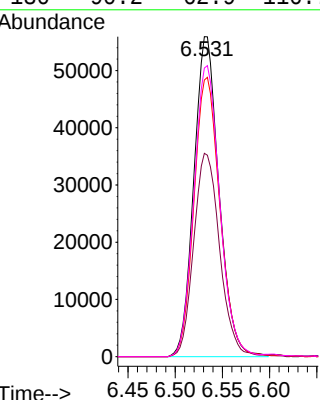
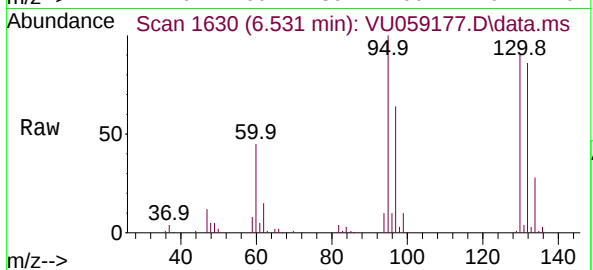
Ion Ratio Lower Upper

95 100

97 63.5 45.2 84.0

132 86.5 60.6 112.6

130 90.2 62.9 116.7



#35

Methylcyclohexane

Concen: 57.803 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VU059177.D

Acq: 07 Jun 2024 10:48

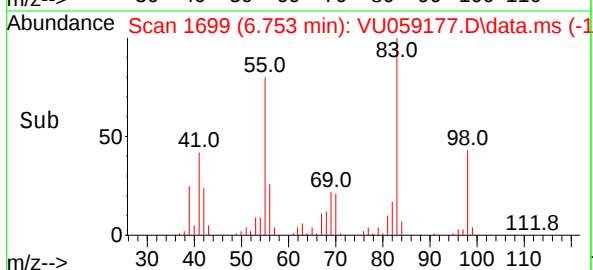
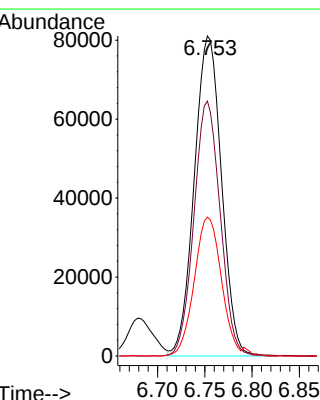
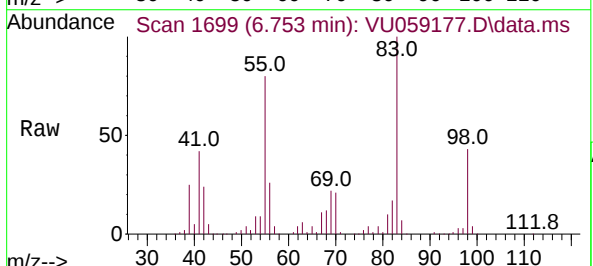
Tgt Ion: 83 Resp: 162360

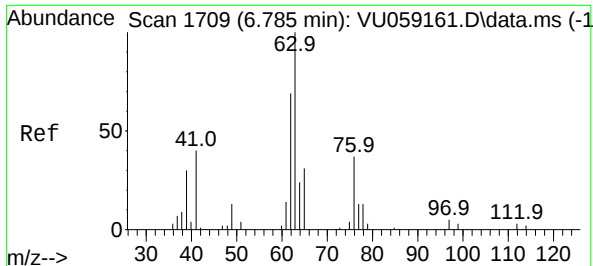
Ion Ratio Lower Upper

83 100

55 76.8 63.9 95.9

98 43.0 34.7 52.1

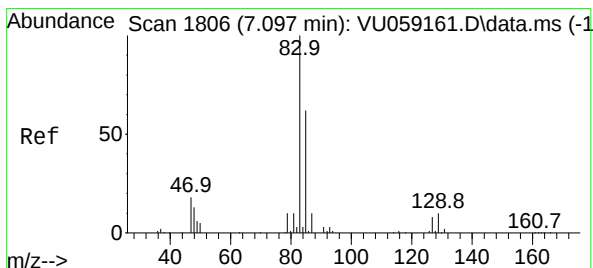
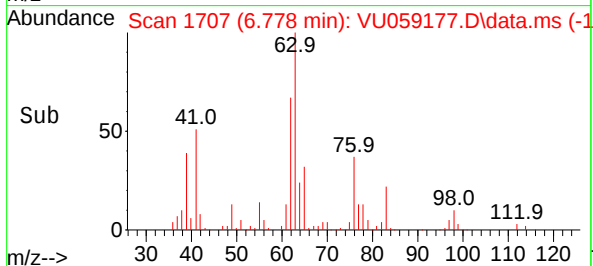
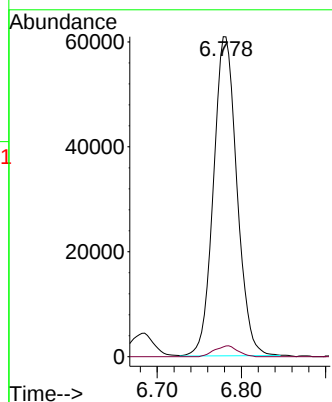
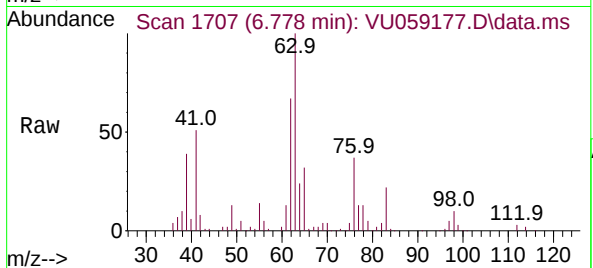




#37
1,2-Dichloropropane
Concen: 53.111 ug/L
RT: 6.778 min Scan# 11
Delta R.T. -0.007 min
Lab File: VU059177.D
Acq: 07 Jun 2024 10:48

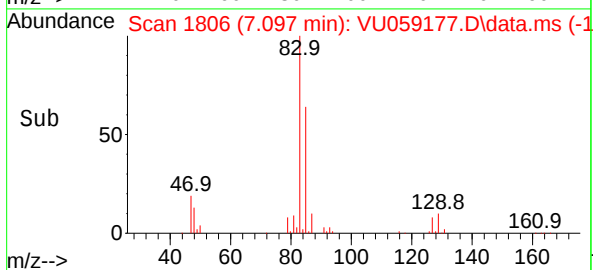
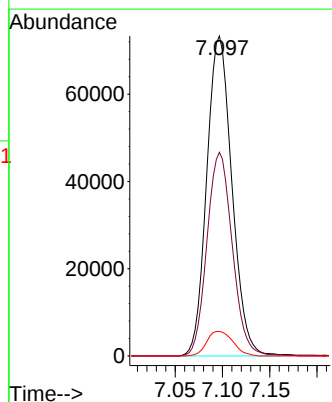
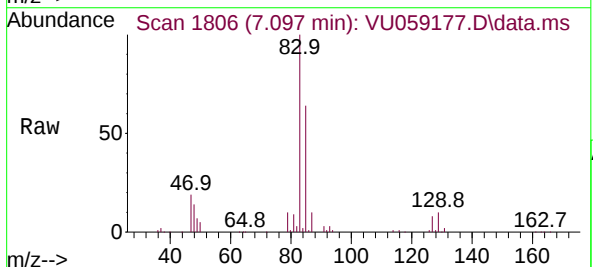
Instrument :
MSVOA_U
ClientSampleId :

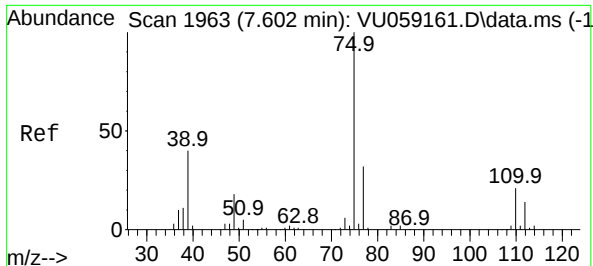
Tgt Ion: 63 Resp: 117665
Ion Ratio Lower Upper
63 100
112 3.4 2.6 4.0



#38
Bromodichloromethane
Concen: 52.721 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU059177.D
Acq: 07 Jun 2024 10:48

Tgt Ion: 83 Resp: 136053
Ion Ratio Lower Upper
83 100
85 63.7 44.0 81.6
127 7.7 7.0 10.6

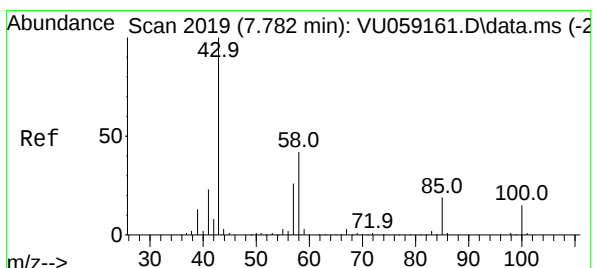
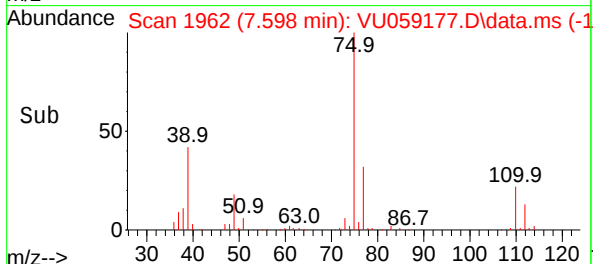
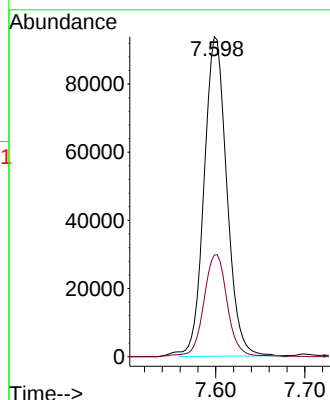
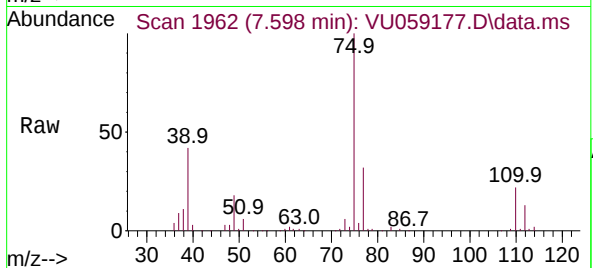




#39
 cis-1,3-Dichloropropene
 Concen: 54.021 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.003 min
 Lab File: VU059177.D
 Acq: 07 Jun 2024 10:48

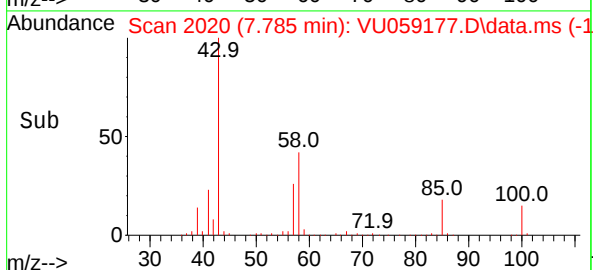
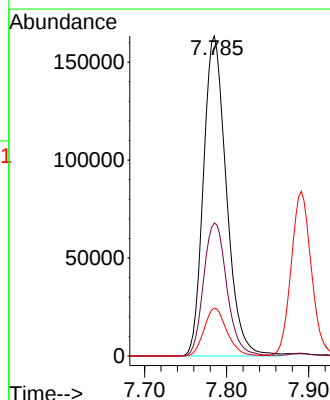
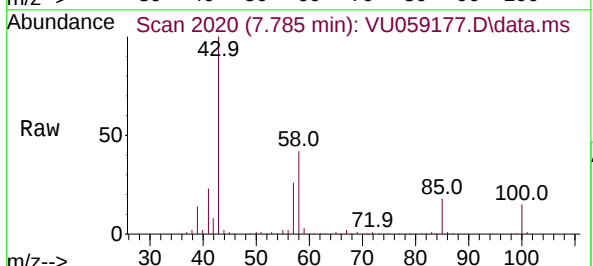
Instrument :
 MSVOA_U
 ClientSampleId :

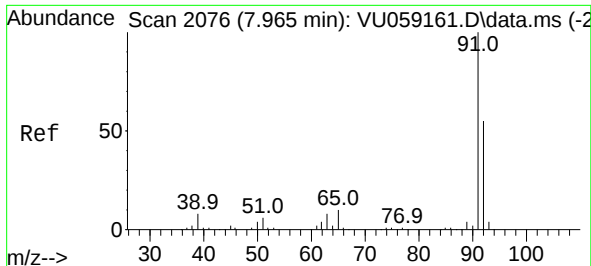
Tgt Ion: 75 Resp: 165591
 Ion Ratio Lower Upper
 75 100
 77 31.7 21.2 39.4



#40
 4-Methyl-2-pentanone
 Concen: 109.276 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.003 min
 Lab File: VU059177.D
 Acq: 07 Jun 2024 10:48

Tgt Ion: 43 Resp: 317387
 Ion Ratio Lower Upper
 43 100
 58 42.2 33.7 50.5
 100 14.9 11.4 17.0





#42

Toluene

Concen: 55.036 ug/L

RT: 7.962 min Scan# 2076

Delta R.T. -0.003 min

Lab File: VU059177.D

Acq: 07 Jun 2024 10:48

Instrument :

MSVOA_U

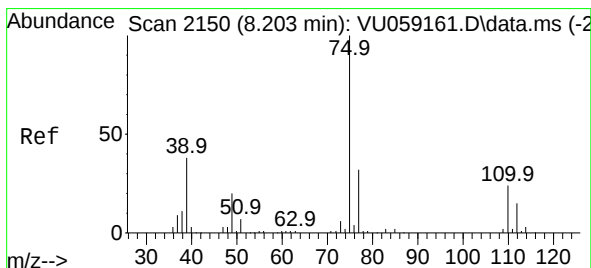
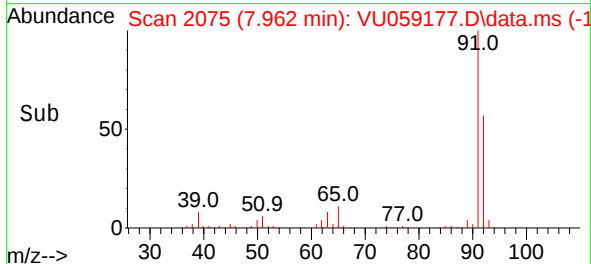
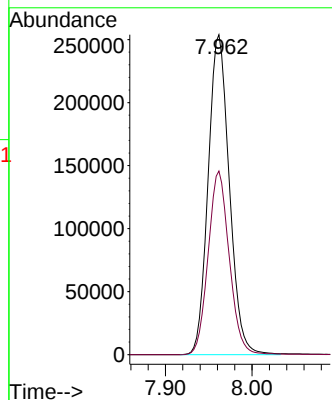
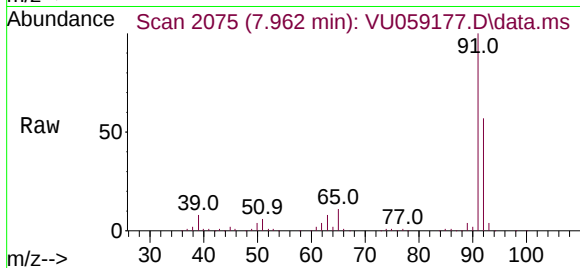
ClientSampleId :

Tgt Ion: 91 Resp: 431016

Ion Ratio Lower Upper

91 100

92 57.4 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 56.507 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU059177.D

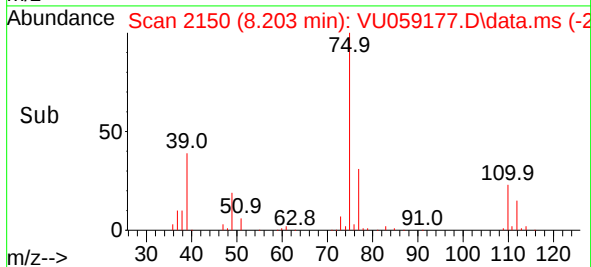
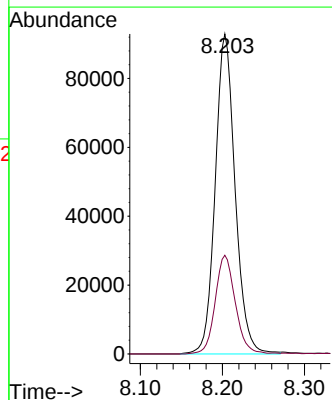
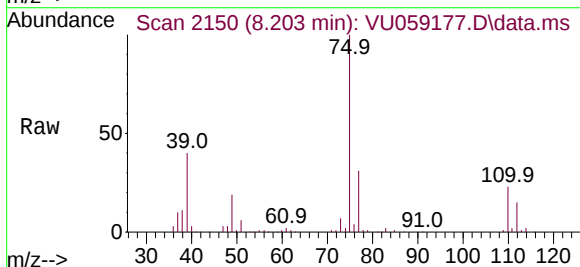
Acq: 07 Jun 2024 10:48

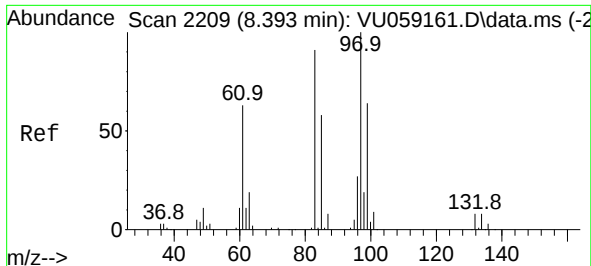
Tgt Ion: 75 Resp: 156810

Ion Ratio Lower Upper

75 100

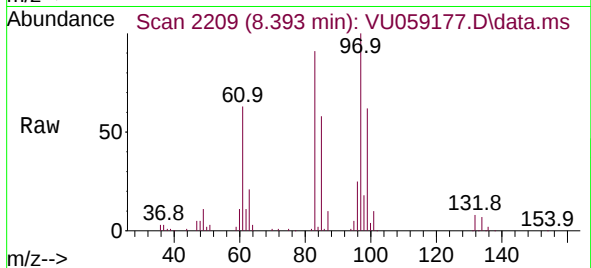
77 30.8 22.0 40.8



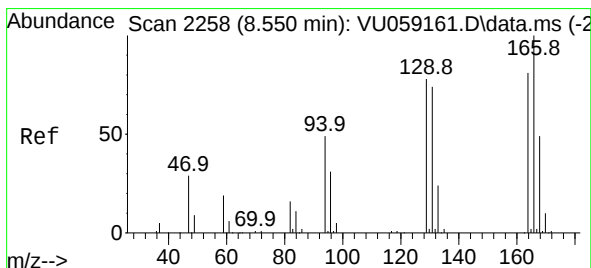
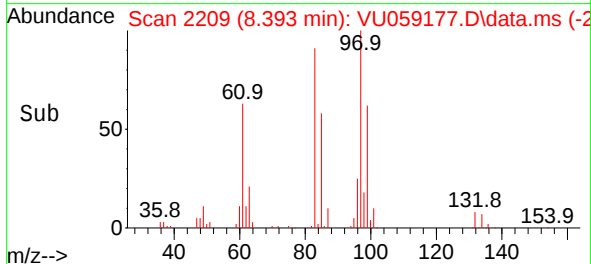
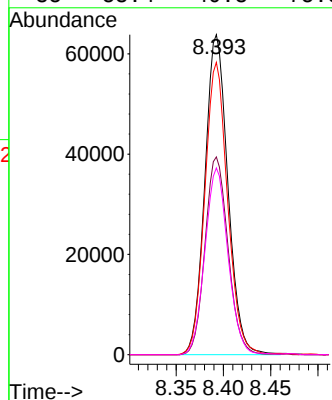


#45
1,1,2-Trichloroethane
Concen: 54.285 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU059177.D
Acq: 07 Jun 2024 10:48

Instrument :
MSVOA_U
ClientSampleId :

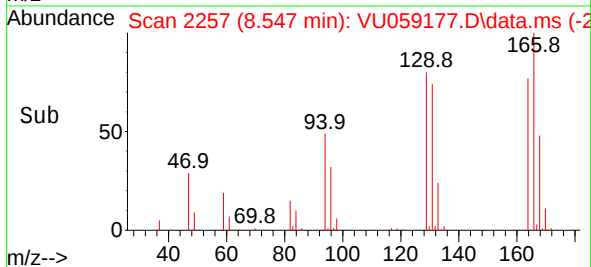
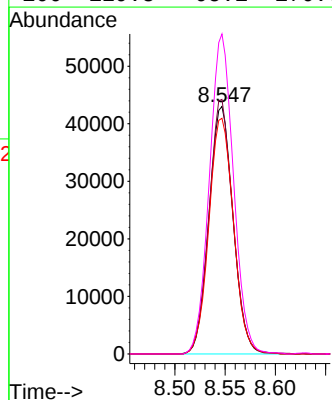
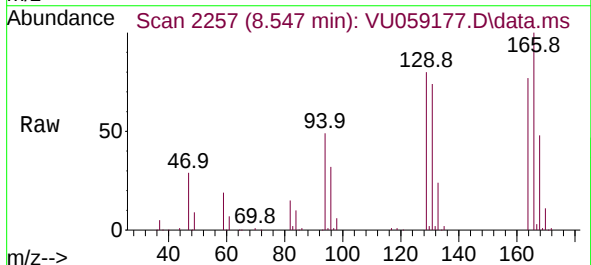


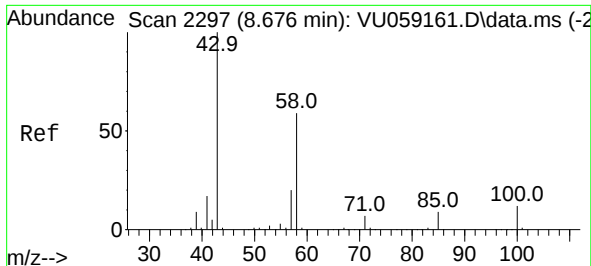
Tgt Ion	97	Resp: Lower	108131 Upper
	97	100	
	99	61.8	44.0 81.6
	83	91.3	63.6 118.2
	85	58.4	40.8 75.8



#46
Tetrachloroethene
Concen: 56.648 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU059177.D
Acq: 07 Jun 2024 10:48

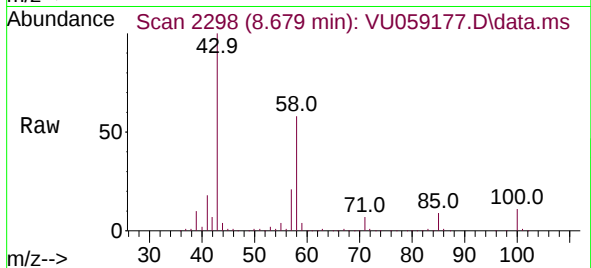
Tgt	Ion:164	Resp:	72084
Ion	Ratio	Lower	Upper
164	100		
129	102.8	74.5	138.5
131	95.3	70.6	131.0
166	129.3	95.1	176.7



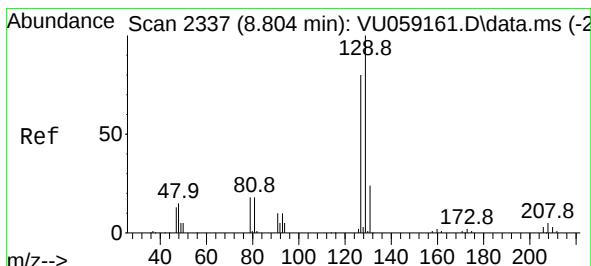
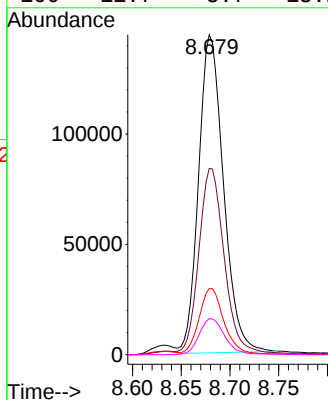
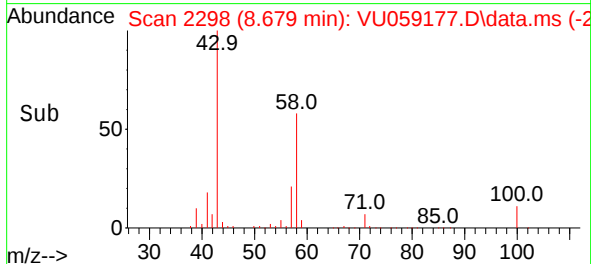


#48
2-Hexanone
Concen: 104.728 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU059177.D
Acq: 07 Jun 2024 10:48

Instrument :
MSVOA_U
ClientSampleId :

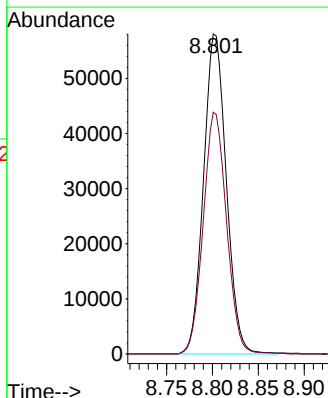
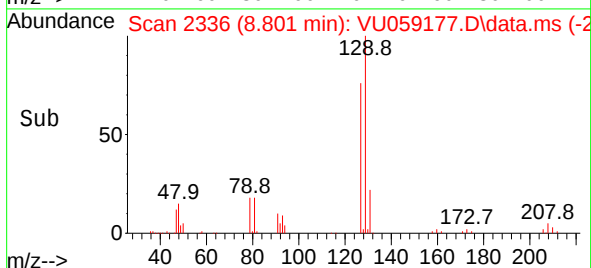
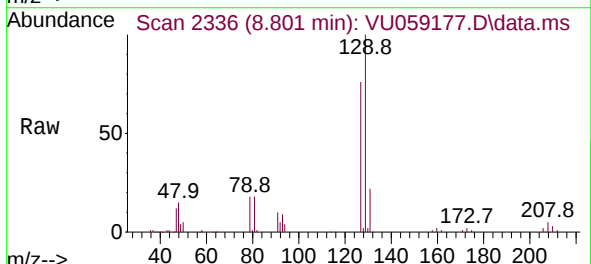


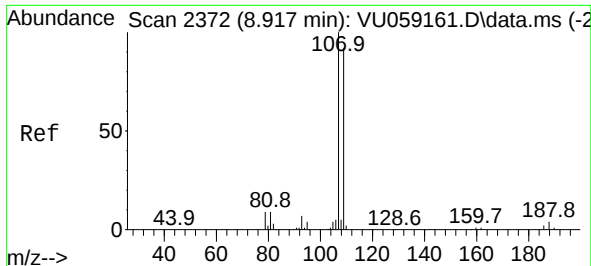
Tgt Ion: 43 Resp: 256542
Ion Ratio Lower Upper
43 100
58 59.3 45.9 68.9
57 20.7 16.3 24.5
100 11.7 8.7 13.1



#49
Dibromochloromethane
Concen: 55.795 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.003 min
Lab File: VU059177.D
Acq: 07 Jun 2024 10:48

Tgt Ion: 129 Resp: 100440
Ion Ratio Lower Upper
129 100
127 75.5 53.3 98.9





#50

1,2-Dibromoethane

Concen: 54.948 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. -0.000 min

Lab File: VU059177.D

Acq: 07 Jun 2024 10:48

Instrument :

MSVOA_U

ClientSampleId :

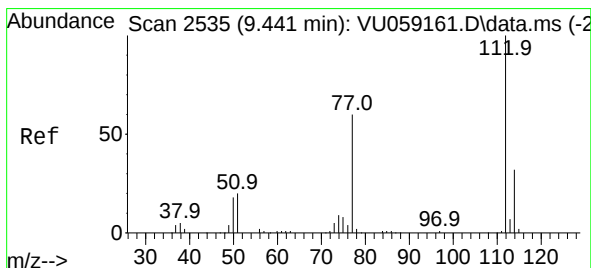
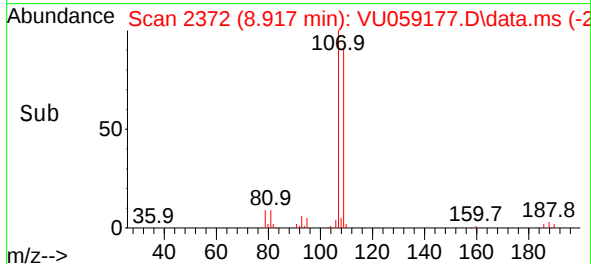
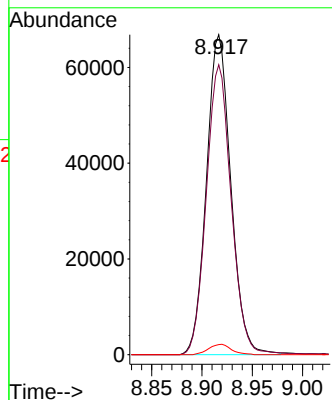
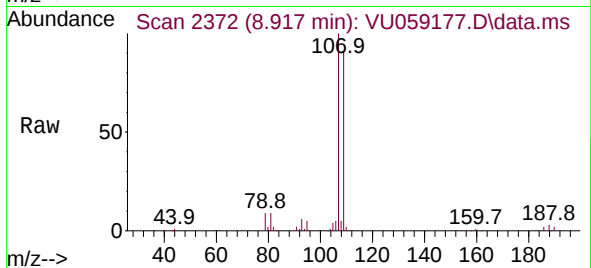
Tgt Ion:107 Resp: 112903

Ion Ratio Lower Upper

107 100

109 90.6 67.8 125.8

188 3.2 2.5 3.7



#51

Chlorobenzene

Concen: 55.117 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU059177.D

Acq: 07 Jun 2024 10:48

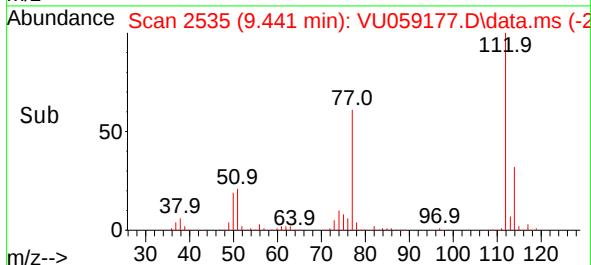
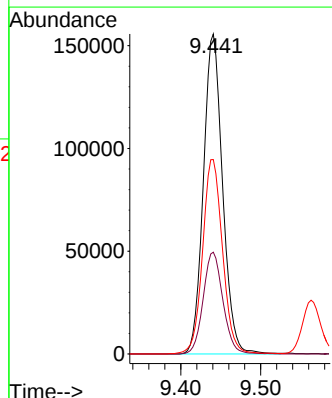
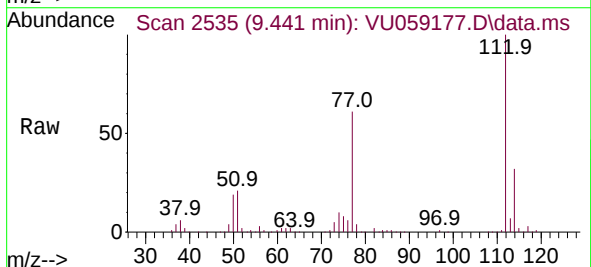
Tgt Ion:112 Resp: 260520

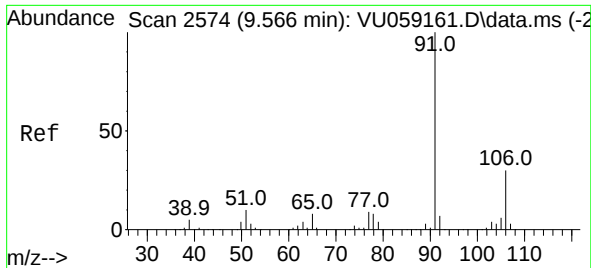
Ion Ratio Lower Upper

112 100

114 31.8 22.1 41.1

77 60.8 49.8 74.6





#52

Ethylbenzene

Concen: 56.314 ug/L

RT: 9.563 min Scan# 2574

Delta R.T. -0.003 min

Lab File: VU059177.D

Acq: 07 Jun 2024 10:48

Instrument :

MSVOA_U

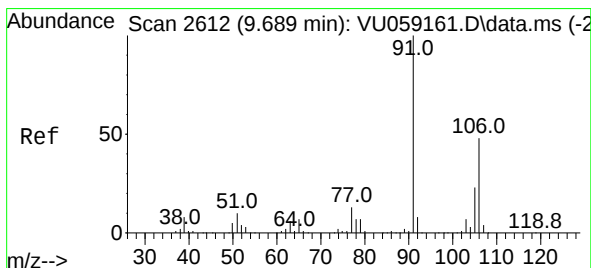
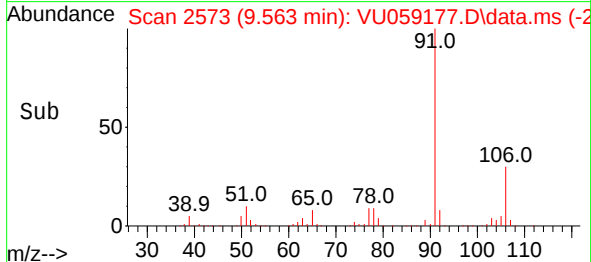
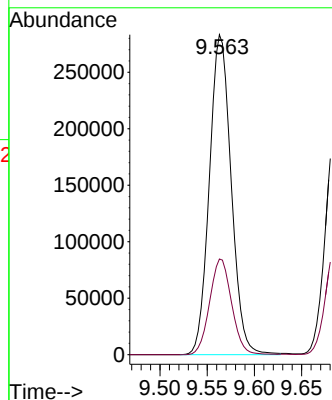
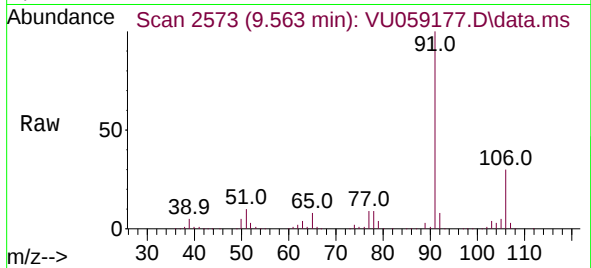
ClientSampleId :

Tgt Ion: 91 Resp: 454664

Ion Ratio Lower Upper

91 100

106 29.9 21.0 39.0



#53

m,p-Xylene

Concen: 58.525 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. -0.000 min

Lab File: VU059177.D

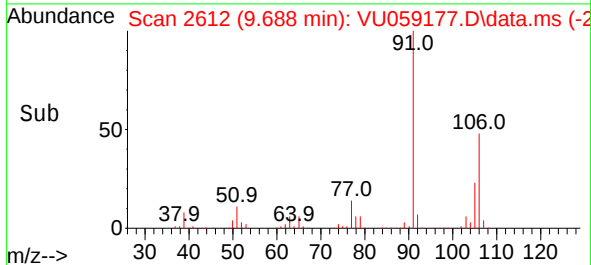
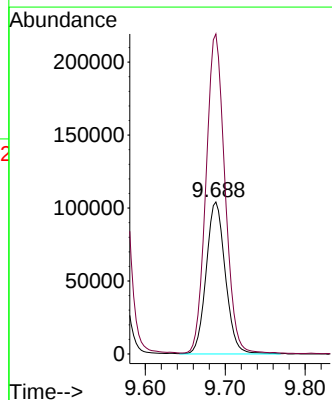
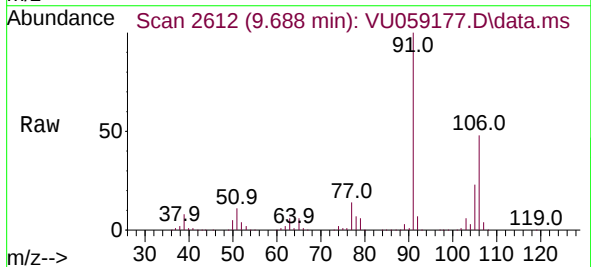
Acq: 07 Jun 2024 10:48

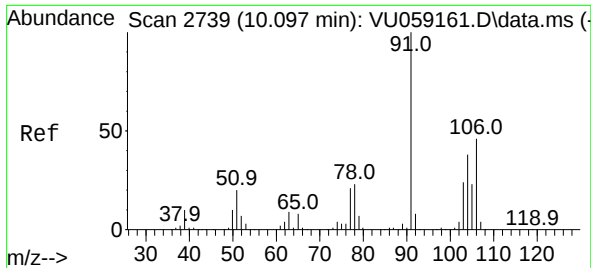
Tgt Ion:106 Resp: 173661

Ion Ratio Lower Upper

106 100

91 210.5 146.4 272.0

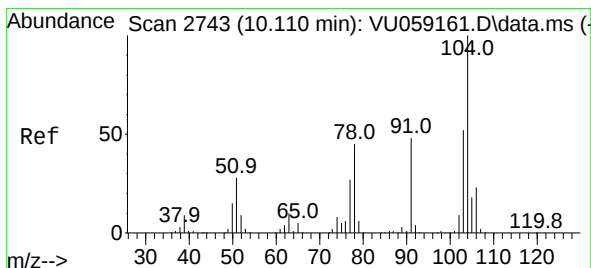
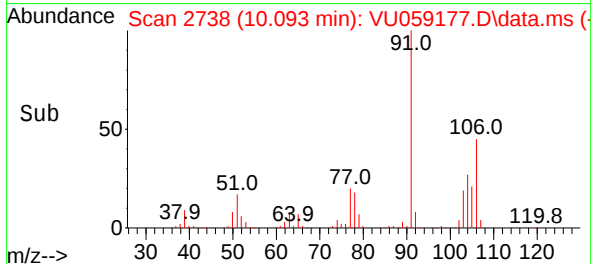
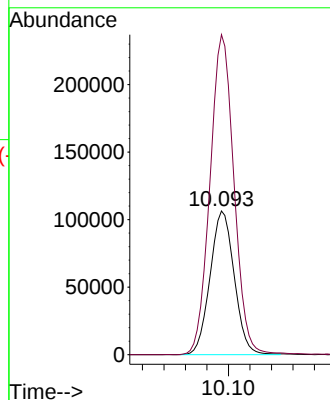
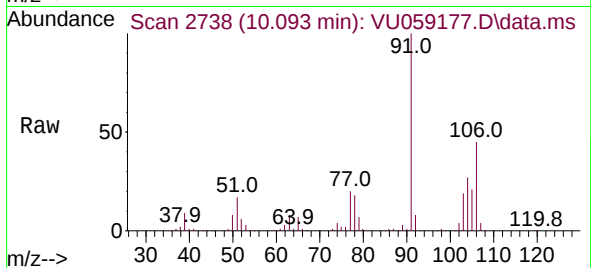




#54
o-Xylene
Concen: 57.728 ug/L
RT: 10.093 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU059177.D
Acq: 07 Jun 2024 10:48

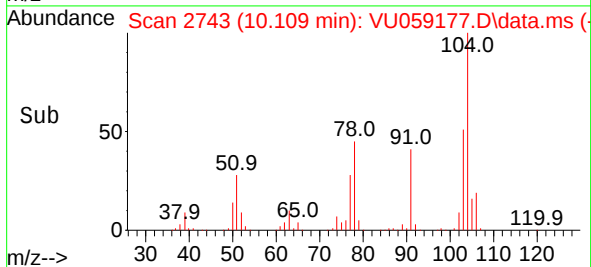
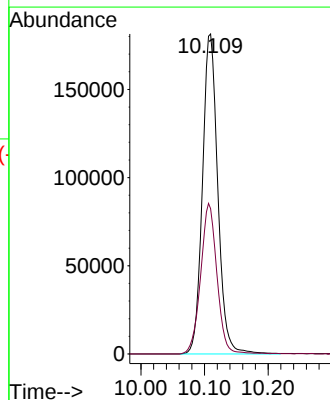
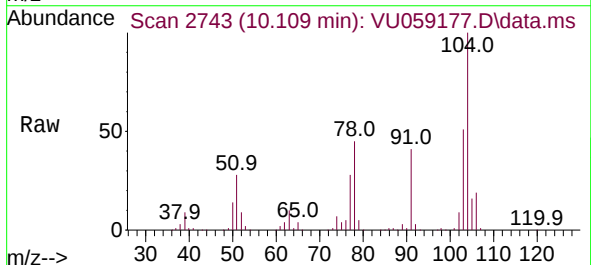
Instrument :
MSVOA_U
ClientSampleId :

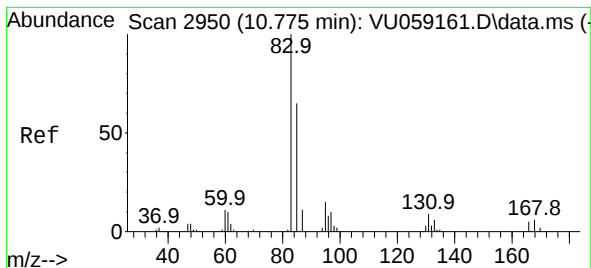
Tgt Ion:106 Resp: 166012
Ion Ratio Lower Upper
106 100
91 222.7 156.7 290.9



#55
Styrene
Concen: 62.243 ug/L
RT: 10.109 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU059177.D
Acq: 07 Jun 2024 10:48

Tgt Ion:104 Resp: 304255
Ion Ratio Lower Upper
104 100
78 45.4 34.7 64.5





#57

1,1,2,2-Tetrachloroethane

Concen: 56.772 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU059177.D

Acq: 07 Jun 2024 10:48

Instrument :

MSVOA_U

ClientSampleId :

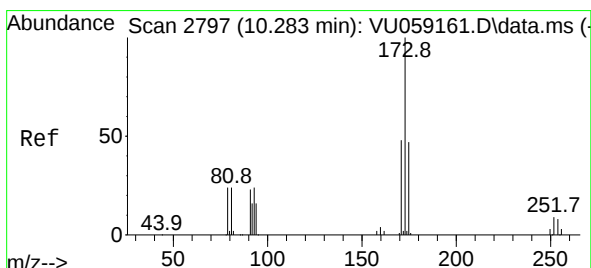
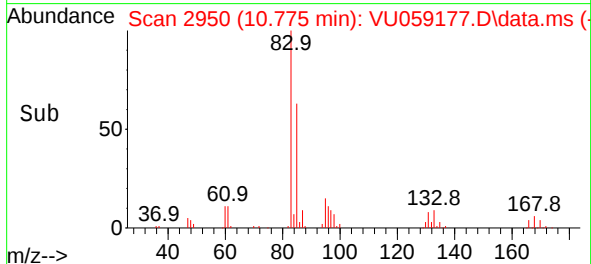
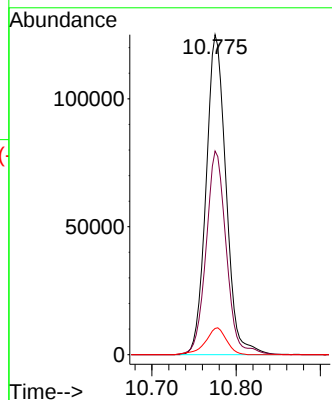
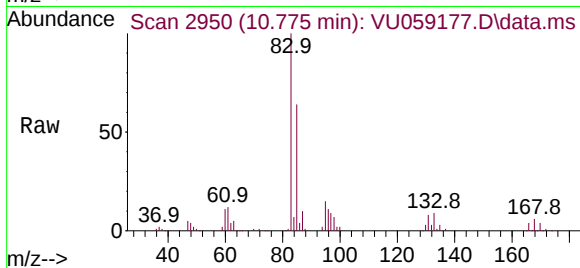
Tgt Ion: 83 Resp: 206005

Ion Ratio Lower Upper

83 100

85 63.6 46.1 85.7

131 8.2 7.0 10.4



#59

Bromoform

Concen: 52.049 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. 0.003 min

Lab File: VU059177.D

Acq: 07 Jun 2024 10:48

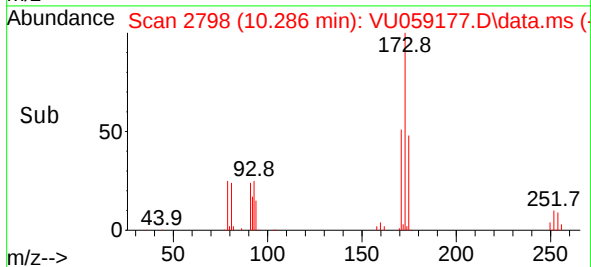
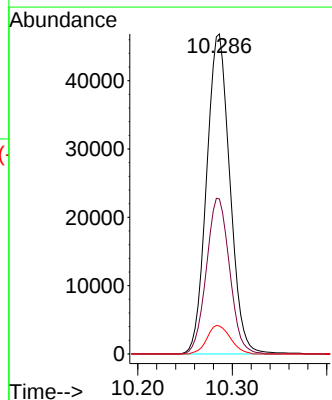
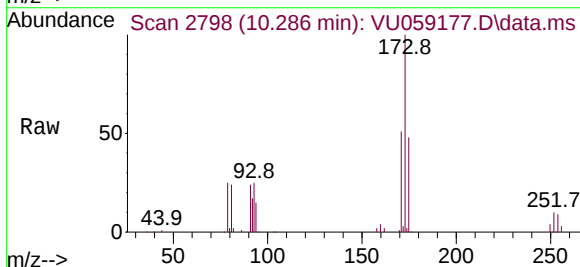
Tgt Ion:173 Resp: 80092

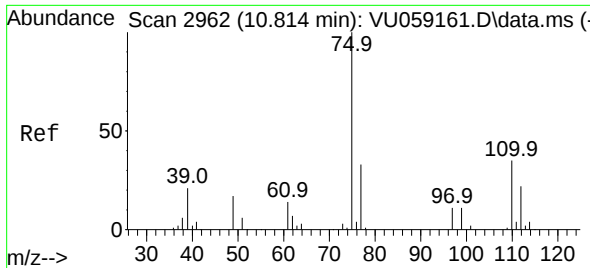
Ion Ratio Lower Upper

173 100

175 48.5 39.0 58.6

254 9.0 7.5 11.3

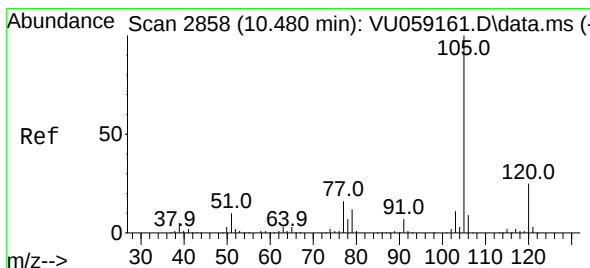
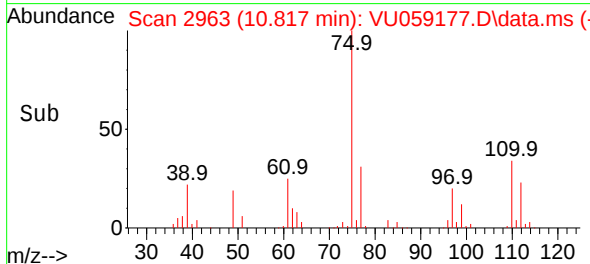
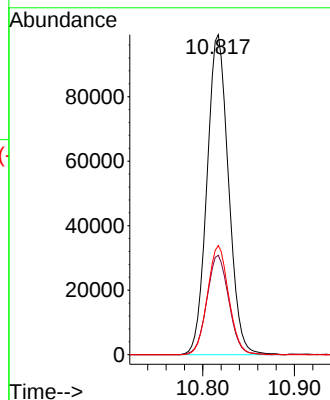
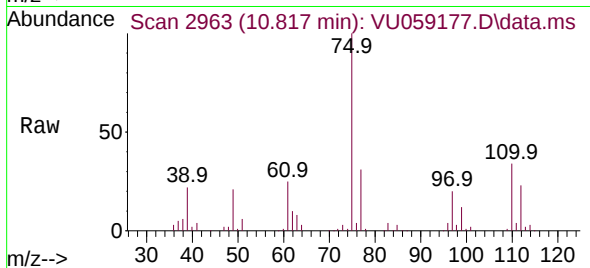




#60
1,2,3-Trichloropropane
Concen: 49.625 ug/L
RT: 10.817 min Scan# 2962
Delta R.T. 0.003 min
Lab File: VU059177.D
Acq: 07 Jun 2024 10:48

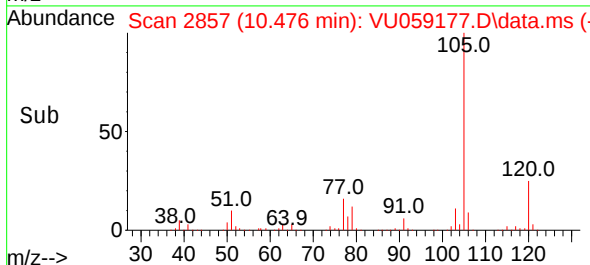
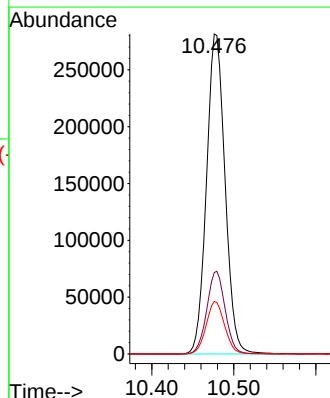
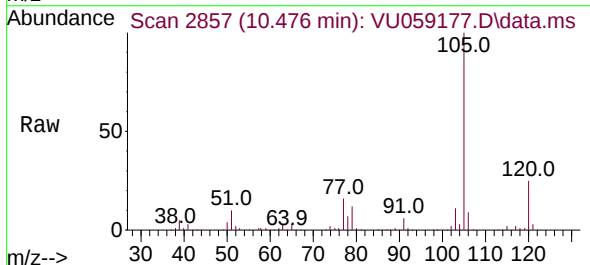
Instrument :
MSVOA_U
ClientSampleId :

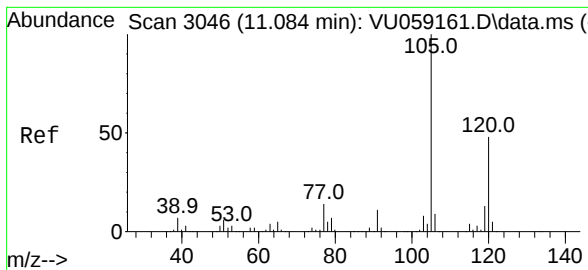
Tgt Ion: 75 Resp: 161960
Ion Ratio Lower Upper
75 100
77 31.7 26.2 39.2
110 33.6 28.4 42.6



#61
Isopropylbenzene
Concen: 53.556 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.003 min
Lab File: VU059177.D
Acq: 07 Jun 2024 10:48

Tgt Ion:105 Resp: 442194
Ion Ratio Lower Upper
105 100
120 25.5 20.3 30.5
77 16.4 13.4 20.0

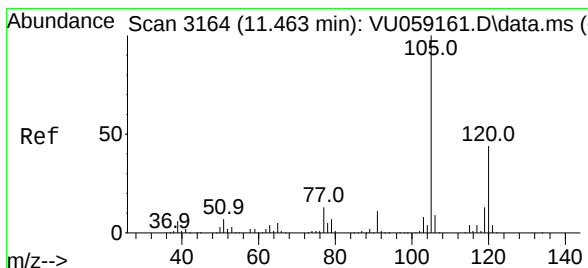
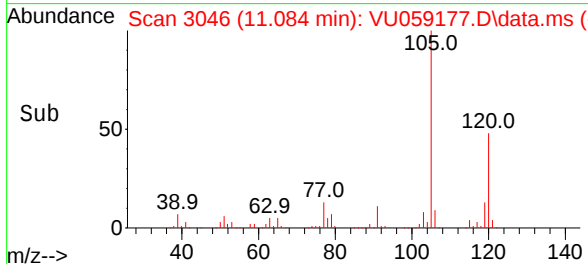
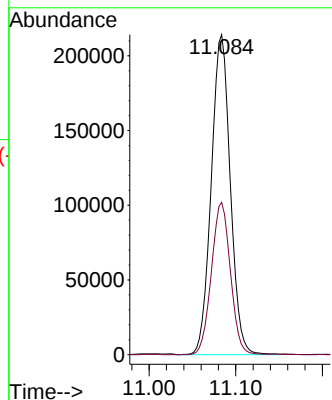
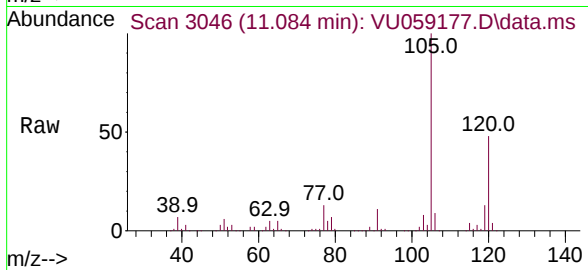




#62
1,3,5-Trimethylbenzene
Concen: 54.763 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU059177.D
Acq: 07 Jun 2024 10:48

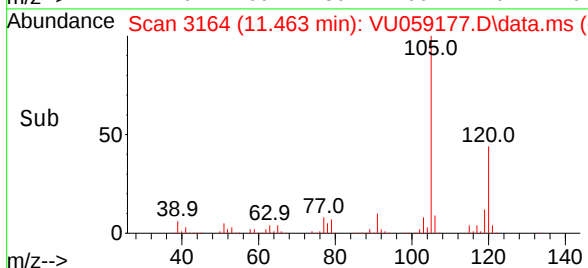
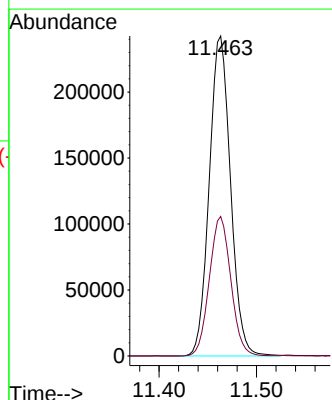
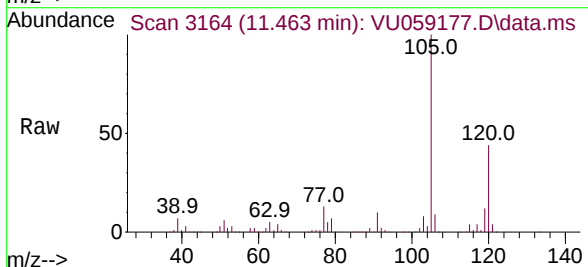
Instrument :
MSVOA_U
ClientSampleId :

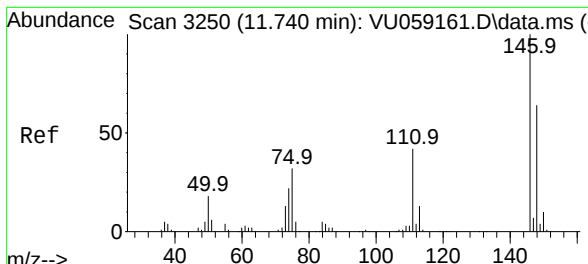
Tgt Ion:105 Resp: 327608
Ion Ratio Lower Upper
105 100
120 47.5 37.8 56.8



#63
1,2,4-Trimethylbenzene
Concen: 56.656 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU059177.D
Acq: 07 Jun 2024 10:48

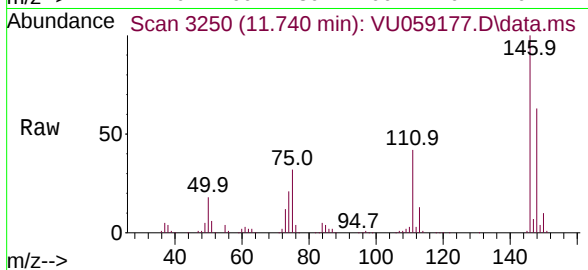
Tgt Ion:105 Resp: 367413
Ion Ratio Lower Upper
105 100
120 44.0 35.0 52.6



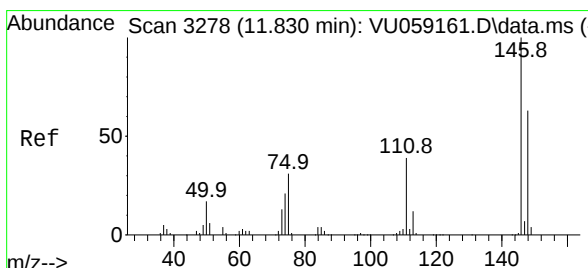
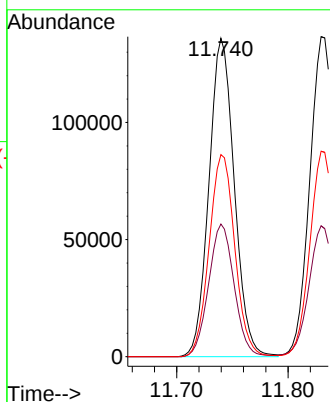
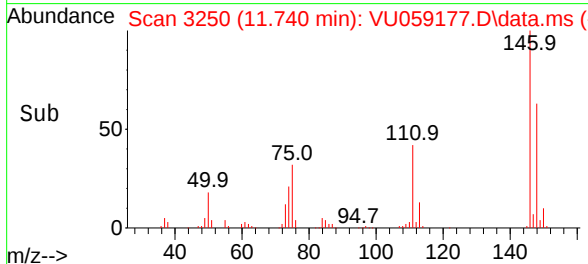


#64
1,3-Dichlorobenzene
Concen: 55.761 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU059177.D
Acq: 07 Jun 2024 10:48

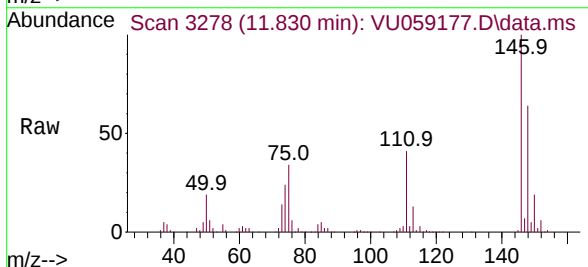
Instrument :
MSVOA_U
ClientSampleId :



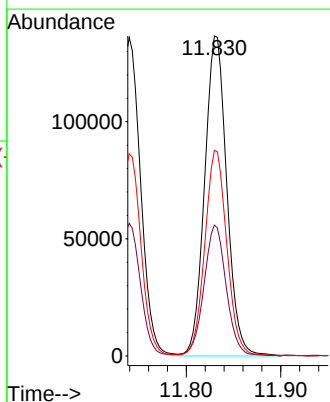
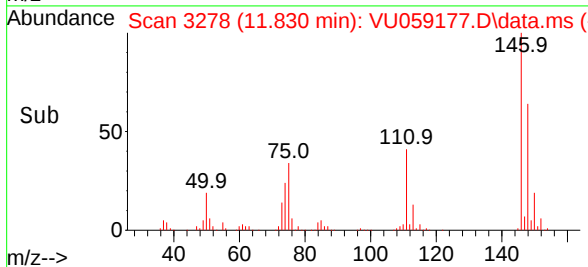
Tgt Ion:146 Resp: 215179
Ion Ratio Lower Upper
146 100
111 41.7 28.7 53.3
148 63.5 44.9 83.5

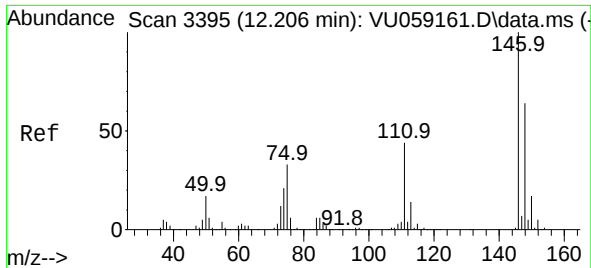


#65
1,4-Dichlorobenzene
Concen: 55.907 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU059177.D
Acq: 07 Jun 2024 10:48



Tgt Ion:146 Resp: 222811
Ion Ratio Lower Upper
146 100
111 40.9 27.9 51.9
148 64.2 45.7 84.9





#67

1,2-Dichlorobenzene

Concen: 54.679 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU059177.D

Acq: 07 Jun 2024 10:48

Instrument :

MSVOA_U

ClientSampleId :

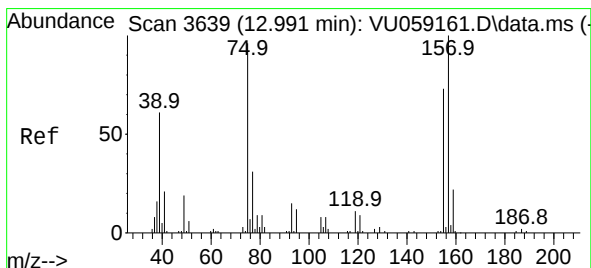
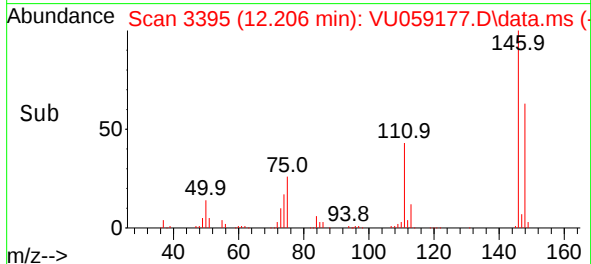
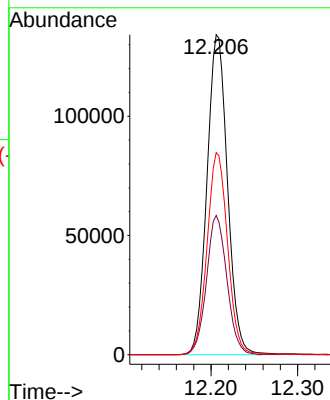
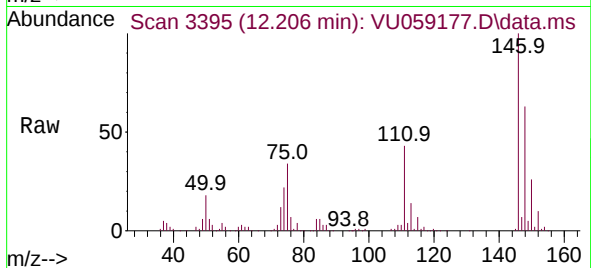
Tgt Ion:146 Resp: 220538

Ion Ratio Lower Upper

146 100

111 43.5 33.4 50.2

148 63.2 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 49.396 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU059177.D

Acq: 07 Jun 2024 10:48

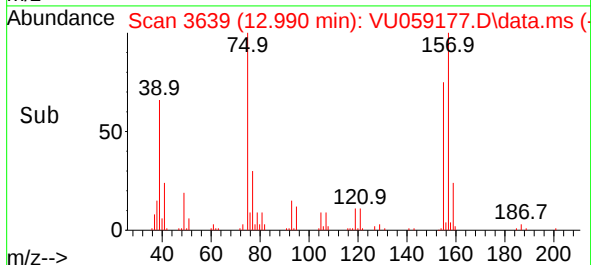
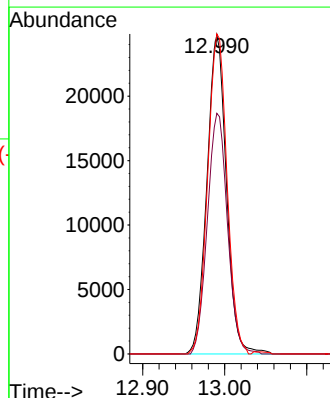
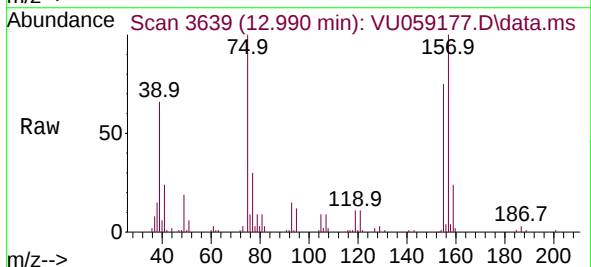
Tgt Ion: 75 Resp: 40870

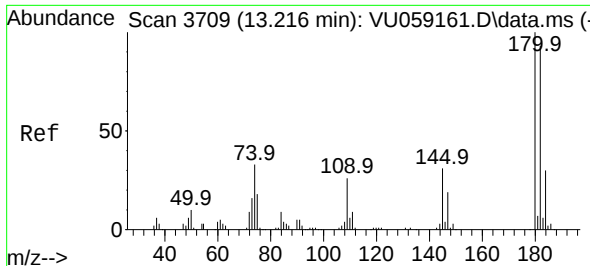
Ion Ratio Lower Upper

75 100

155 75.4 57.5 86.3

157 104.2 73.4 110.2





#69

1,3,5-Trichlorobenzene

Concen: 56.811 ug/L

RT: 13.212 min Scan# 3709

Delta R.T. -0.003 min

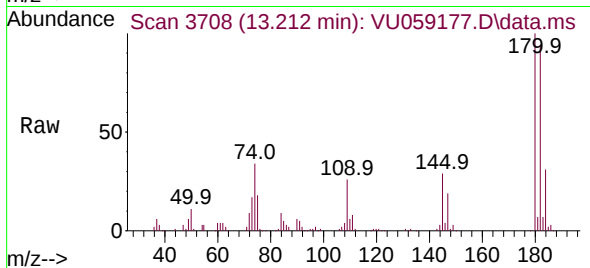
Lab File: VU059177.D

Acq: 07 Jun 2024 10:48

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 144788

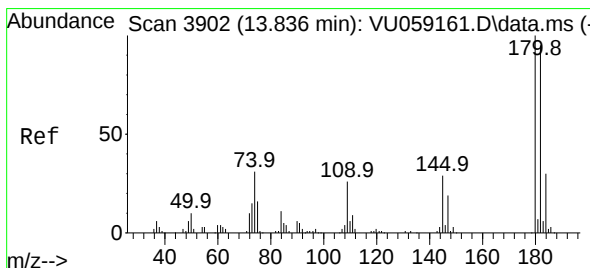
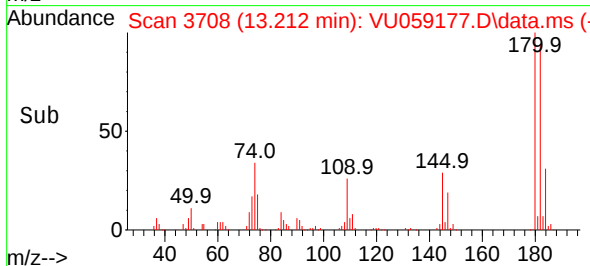
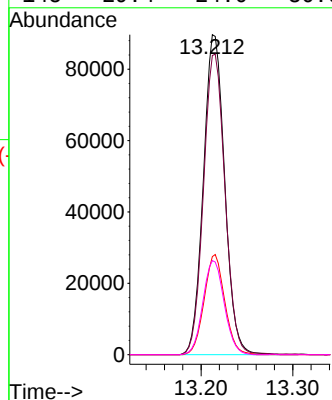
Ion Ratio Lower Upper

180 100

182 94.8 75.6 113.4

184 30.2 24.2 36.2

145 29.4 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 58.504 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU059177.D

Acq: 07 Jun 2024 10:48

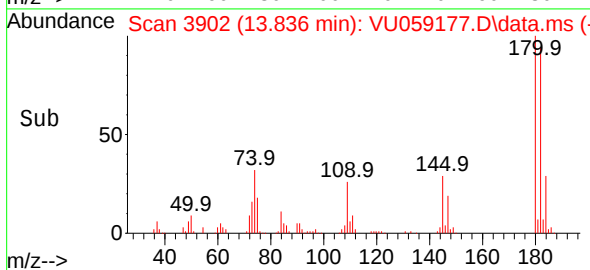
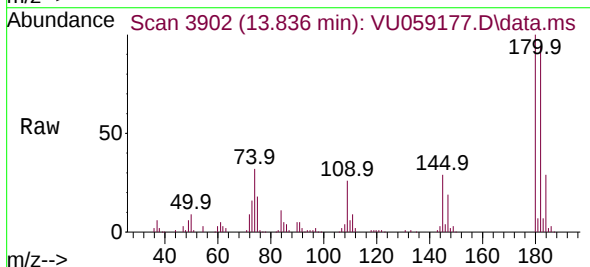
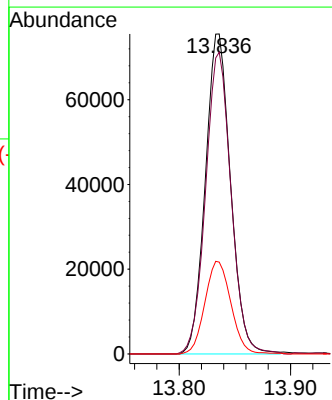
Tgt Ion:180 Resp: 119086

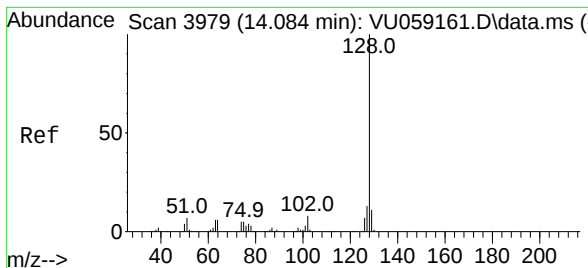
Ion Ratio Lower Upper

180 100

182 95.0 77.4 116.2

145 29.8 24.8 37.2





#71

Naphthalene

Concen: 58.397 ug/L

RT: 14.080 min Scan# 3979

Delta R.T. -0.003 min MSVOA_U

Lab File: VU059177.D

Acq: 07 Jun 2024 10:48

Instrument :

MSVOA_U

ClientSampleId :

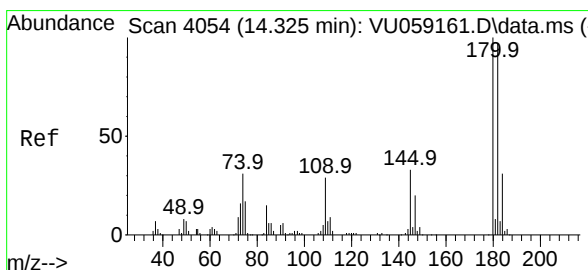
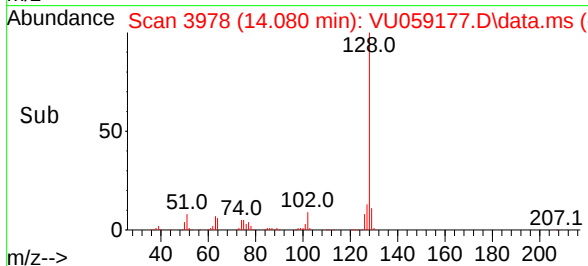
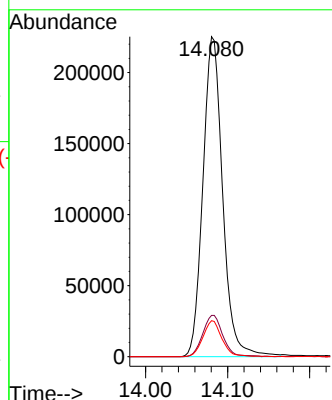
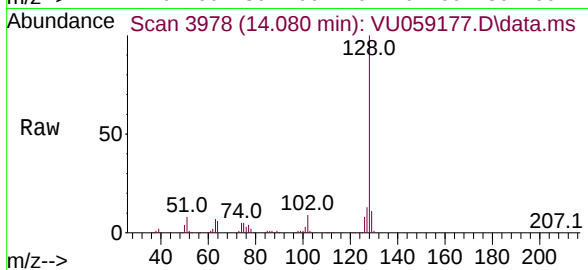
Tgt Ion:128 Resp: 376255

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 10.8 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 58.289 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU059177.D

Acq: 07 Jun 2024 10:48

Tgt Ion:180 Resp: 120625

Ion Ratio Lower Upper

180 100

182 95.7 76.2 114.4

145 32.2 26.4 39.6

