

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102924\
 Data File : VU061273.D
 Acq On : 28 Oct 2024 18:43
 Operator : MD/SY
 Sample : VSTD100
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 29 01:50:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 29 01:48:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	263645	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	246668	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	125709	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	186370	108.986	ug/L	0.00
7) Chloroethane-d5	1.901	69	163542	113.223	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	63	345571	112.407	ug/L	0.00
21) 2-Butanone-d5	4.608	46	321084	257.906	ug/L	0.00
24) Chloroform-d	5.052	84	408476	121.049	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.689	65	257589	126.077	ug/L	0.00
32) Benzene-d6	5.718	84	819130	124.485	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	254080	124.923	ug/L	0.00
41) Toluene-d8	7.888	98	767897	123.066	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	131734	135.954	ug/L	0.00
47) 2-Hexanone-d5	8.621	63	269400	299.228	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	398920	126.675	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	283267	118.185	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	190239	111.936	ug/L	100
3) Chloromethane	1.515	50	173855	105.373	ug/L	100
5) Vinyl chloride	1.599	62	191682	100.185	ug/L	99
6) Bromomethane	1.840	94	154901	142.504	ug/L	100
8) Chloroethane	1.924	64	123743	99.964	ug/L	98
9) Trichlorofluoromethane	2.129	101	269622	101.202	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	156244	93.883	ug/L	100
12) 1,1-Dichloroethene	2.573	96	149876	95.536	ug/L	99
13) Acetone	2.618	43	216396	178.218	ug/L	97
14) Carbon disulfide	2.785	76	458508	111.575	ug/L	100
15) Methyl Acetate	2.940	43	182816	98.742	ug/L	100
16) Methylene chloride	3.036	84	181134	92.088	ug/L	98
17) trans-1,2-Dichloroethene	3.345	96	163933	100.921	ug/L	99
18) Methyl tert-butyl Ether	3.351	73	558539	104.675	ug/L	99
19) 1,1-Dichloroethane	3.856	63	308845	100.059	ug/L	99
20) cis-1,2-Dichloroethene	4.653	96	194621	99.126	ug/L	99
22) 2-Butanone	4.689	43	294522	193.912	ug/L	97
23) Bromochloromethane	4.962	128	99318	96.230	ug/L	94
25) Chloroform	5.075	83	335526	100.937	ug/L	98
27) 1,2-Dichloroethane	5.782	62	271794	106.723	ug/L	99
29) Cyclohexane	5.377	56	284665	120.909	ug/L	99
30) 1,1,1-Trichloroethane	5.306	97	286896	108.310	ug/L	99
31) Carbon tetrachloride	5.515	117	246594	111.927	ug/L	100
33) Benzene	5.763	78	733311	106.994	ug/L	100
34) Trichloroethene	6.531	95	193355	105.720	ug/L	99
35) Methylcyclohexane	6.753	83	302602	116.920	ug/L	99
37) 1,2-Dichloropropane	6.779	63	194507	104.261	ug/L	99
38) Bromodichloromethane	7.094	83	257068	108.125	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	317707	110.014	ug/L	98
40) 4-Methyl-2-pentanone	7.779	43	537626	222.537	ug/L	99
42) Toluene	7.959	91	805793	108.104	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	305261	114.197	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102924\
 Data File : VU061273.D
 Acq On : 28 Oct 2024 18:43
 Operator : MD/SY
 Sample : VSTD100
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 29 01:50:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 29 01:48:01 2024
 Response via : Initial Calibration

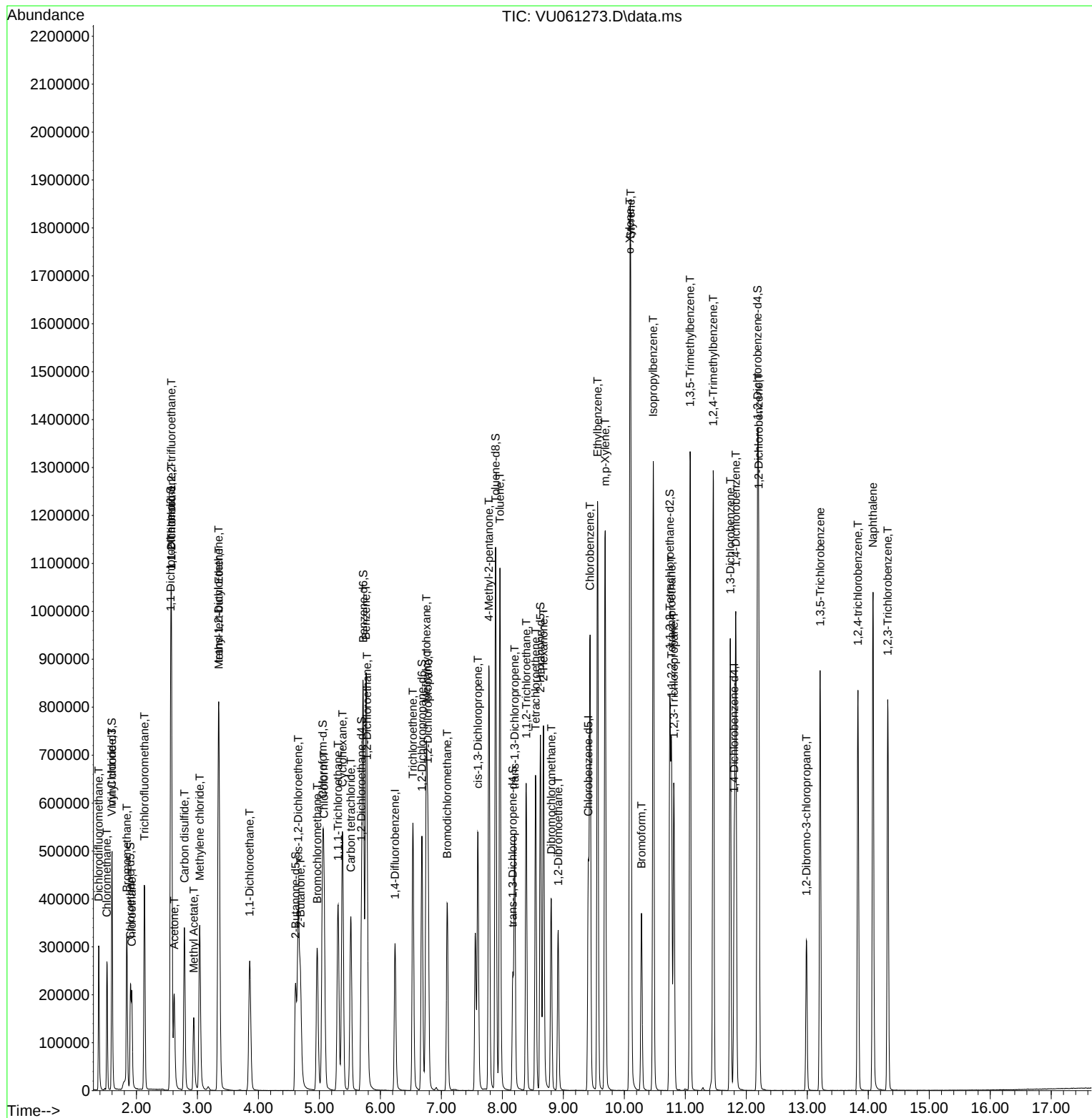
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.390	97	197874	101.693	ug/L	99
46) Tetrachloroethene	8.544	164	138722	94.969	ug/L	99
48) 2-Hexanone	8.673	43	450979	223.614	ug/L	99
49) Dibromochloromethane	8.801	129	206292	107.135	ug/L	100
50) 1,2-Dibromoethane	8.914	107	220461	107.255	ug/L	97
51) Chlorobenzene	9.438	112	514228	104.334	ug/L	99
52) Ethylbenzene	9.560	91	890655	111.214	ug/L	99
53) m,p-Xylene	9.685	106	344013	110.772	ug/L	99
54) o-Xylene	10.090	106	340550	113.487	ug/L	96
55) Styrene	10.103	104	570278	113.853	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	346921	104.908	ug/L	99
59) Bromoform	10.280	173	161424	105.367	ug/L #	98
60) 1,2,3-Trichloropropane	10.811	75	267558	107.407	ug/L	100
61) Isopropylbenzene	10.473	105	882878	115.601	ug/L	99
62) 1,3,5-Trimethylbenzene	11.078	105	728423	126.837	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	723780	120.392	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	388535	101.240	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	387381	97.617	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	390524	100.422	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.984	75	78820	115.058	ug/L	97
69) 1,3,5-Trichlorobenzene	13.209	180	265486	96.594	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	246580	99.763	ug/L	100
71) Naphthalene	14.077	128	844746	116.990	ug/L	100
72) 1,2,3-Trichlorobenzene	14.319	180	240469	98.342	ug/L	99

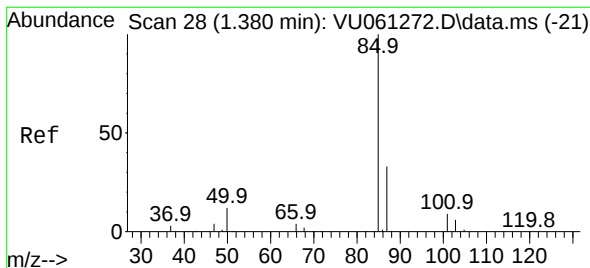
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102924\
Data File : VU061273.D
Acq On : 28 Oct 2024 18:43
Operator : MD/SY
Sample : VSTD100
Misc : 5mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 29 01:50:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102824WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 29 01:48:01 2024
Response via : Initial Calibration

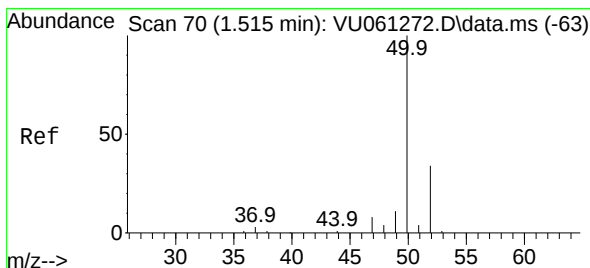
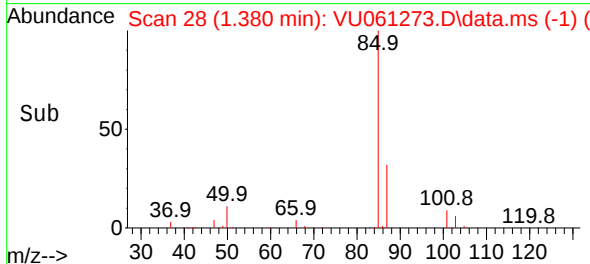
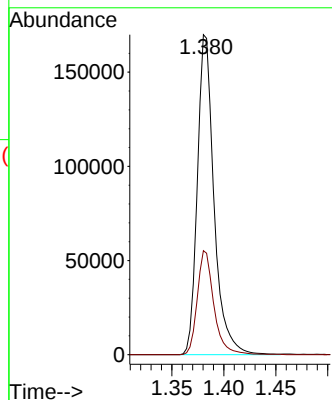
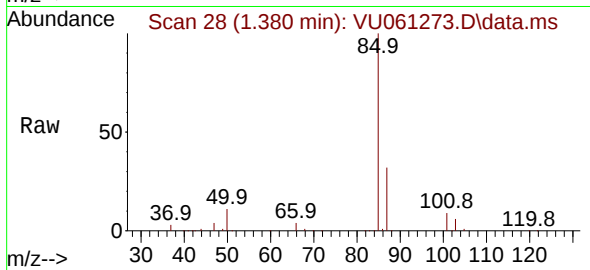




#2
 Dichlorodifluoromethane
 Concen: 111.936 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU061273.D
 Acq: 28 Oct 2024 18:43

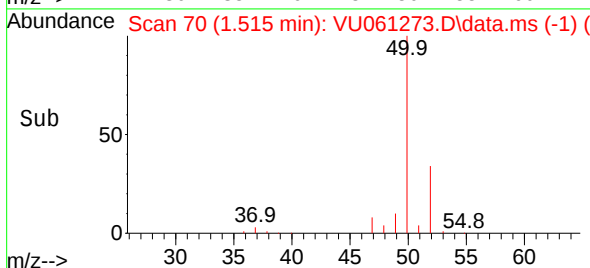
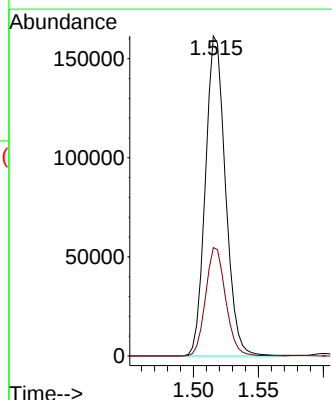
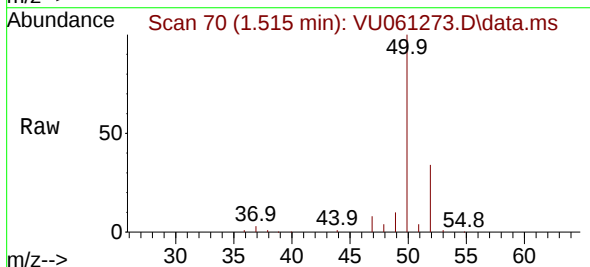
Instrument :
 MSVOA_U
 ClientSampleId :

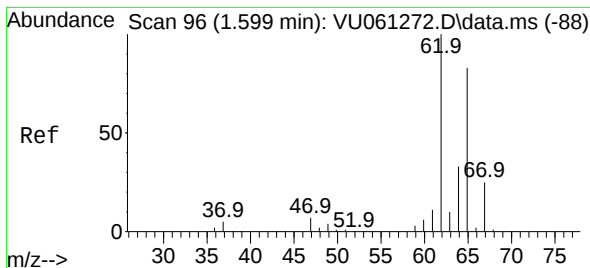
Tgt Ion: 85 Resp: 190239
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.7 38.5



#3
 Chloromethane
 Concen: 105.373 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU061273.D
 Acq: 28 Oct 2024 18:43

Tgt Ion: 50 Resp: 173855
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.6 43.8





#5

Vinyl chloride

Concen: 100.185 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU061273.D

Acq: 28 Oct 2024 18:43

Instrument :

MSVOA_U

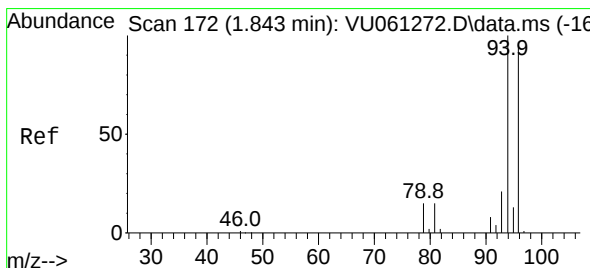
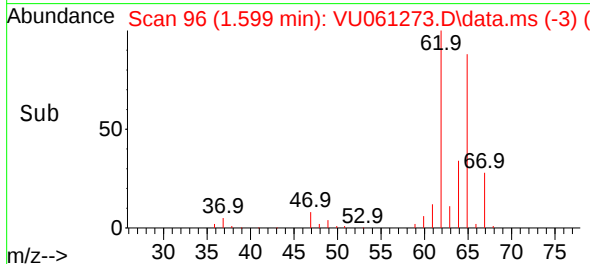
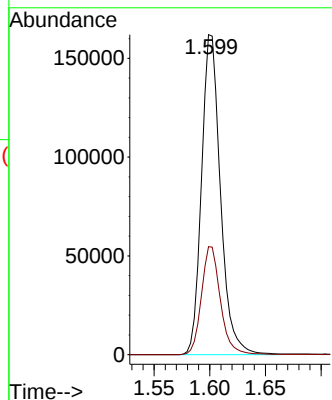
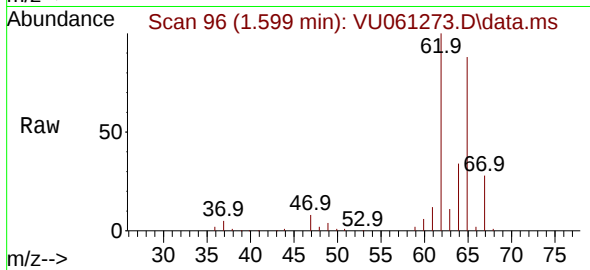
ClientSampleId :

Tgt Ion: 62 Resp: 191682

Ion Ratio Lower Upper

62 100

64 33.8 23.4 43.4



#6

Bromomethane

Concen: 142.504 ug/L

RT: 1.840 min Scan# 171

Delta R.T. -0.003 min

Lab File: VU061273.D

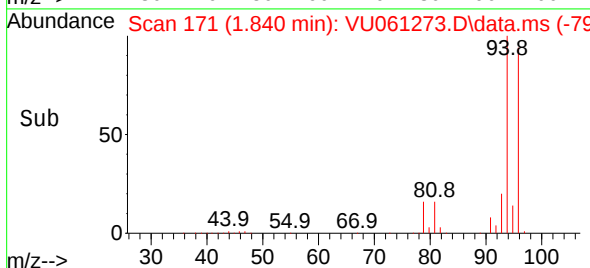
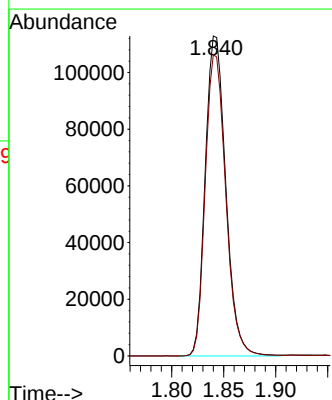
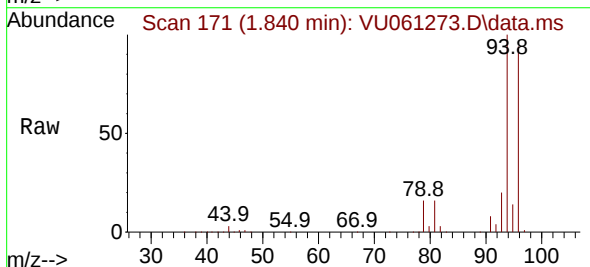
Acq: 28 Oct 2024 18:43

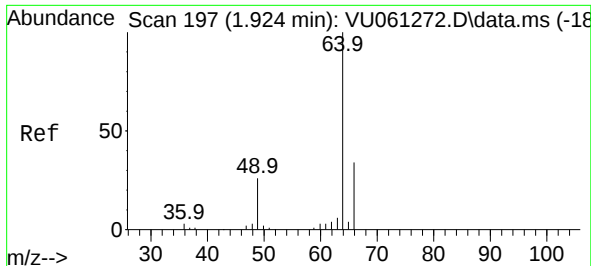
Tgt Ion: 94 Resp: 154901

Ion Ratio Lower Upper

94 100

96 94.2 66.1 122.8

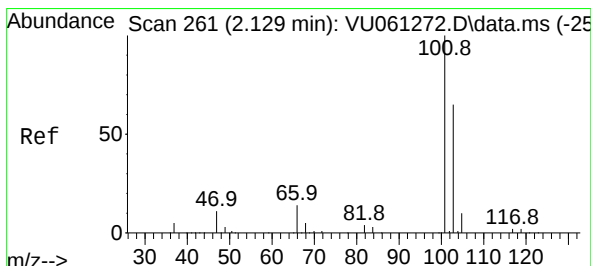
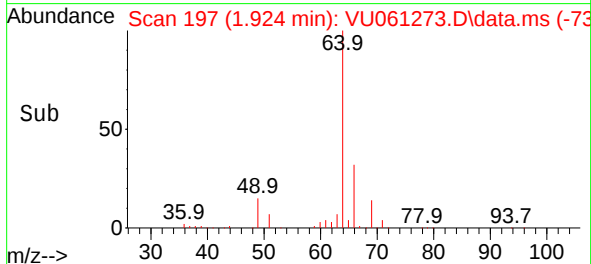
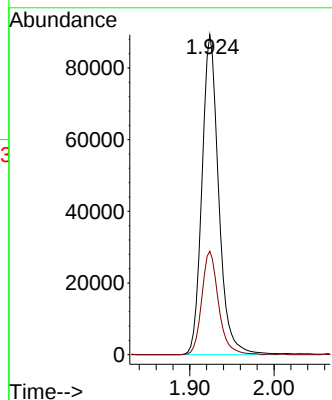
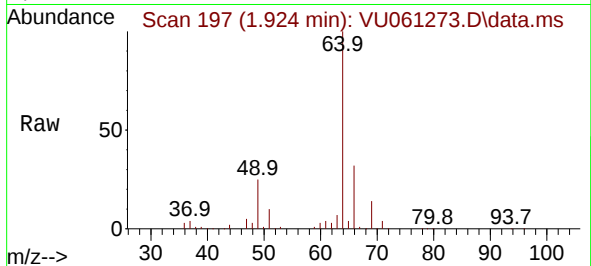




#8
Chloroethane
Concen: 99.964 ug/L
RT: 1.924 min Scan# 197
Delta R.T. 0.000 min
Lab File: VU061273.D
Acq: 28 Oct 2024 18:43

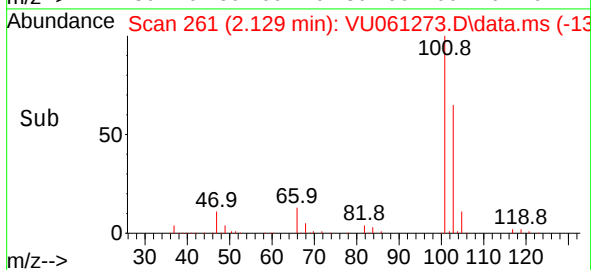
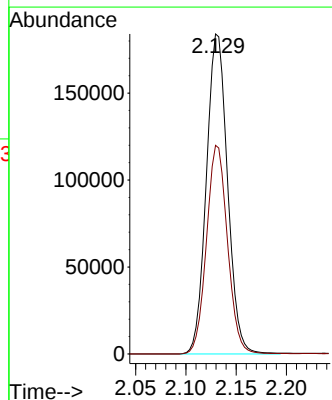
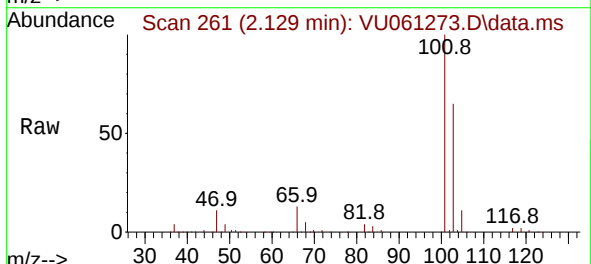
Instrument :
MSVOA_U
ClientSampleId :

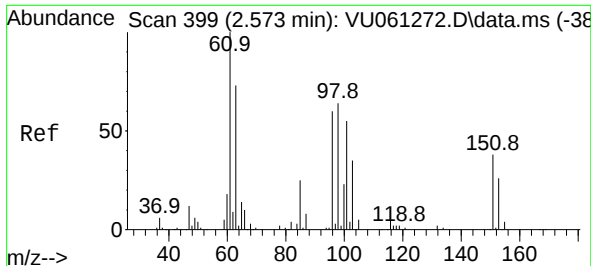
Tgt Ion: 64 Resp: 123743
Ion Ratio Lower Upper
64 100
66 32.3 23.6 43.8



#9
Trichlorofluoromethane
Concen: 101.202 ug/L
RT: 2.129 min Scan# 261
Delta R.T. 0.000 min
Lab File: VU061273.D
Acq: 28 Oct 2024 18:43

Tgt Ion:101 Resp: 269622
Ion Ratio Lower Upper
101 100
103 64.5 51.6 77.4

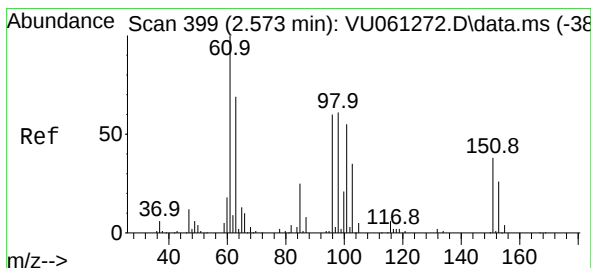
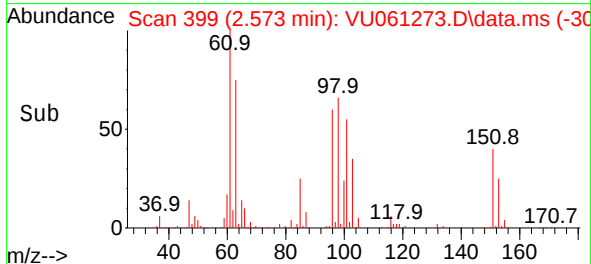
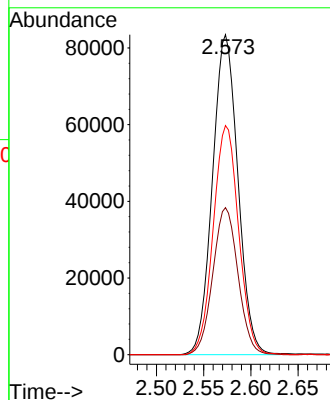
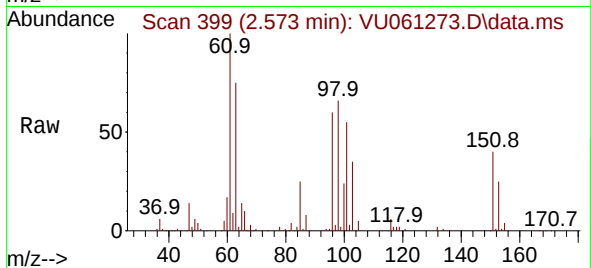




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 93.883 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU061273.D
 Acq: 28 Oct 2024 18:43

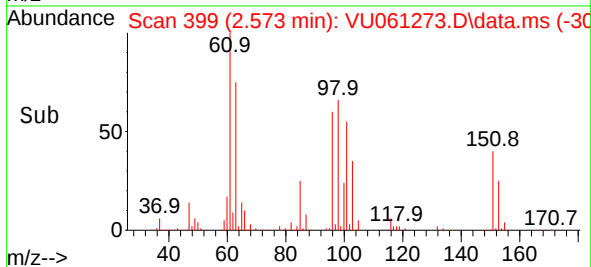
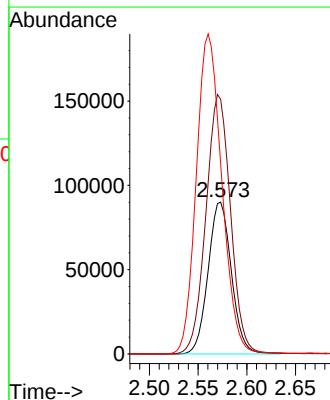
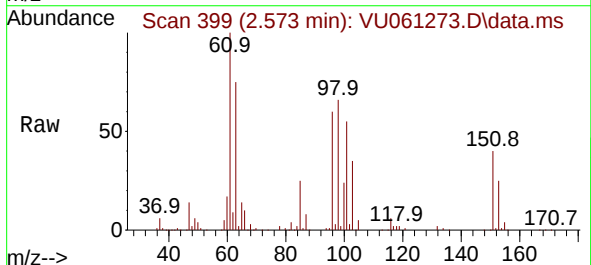
Instrument :
 MSVOA_U
 ClientSampleId :

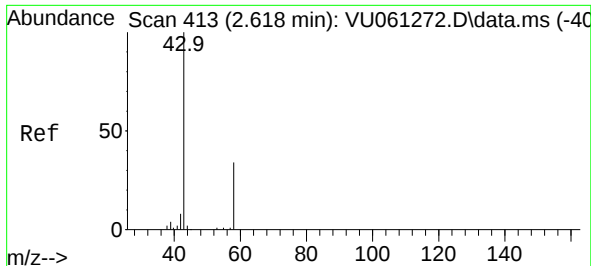
Tgt Ion:101 Resp: 156244
 Ion Ratio Lower Upper
 101 100
 85 45.5 36.4 54.6
 151 71.6 57.0 85.4



#12
 1,1-Dichloroethene
 Concen: 95.536 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU061273.D
 Acq: 28 Oct 2024 18:43

Tgt Ion: 96 Resp: 149876
 Ion Ratio Lower Upper
 96 100
 61 167.6 117.1 217.5
 63 125.1 86.6 160.8





#13

Acetone

Concen: 178.218 ug/L

RT: 2.618 min Scan# 413

Delta R.T. 0.000 min

Lab File: VU061273.D

Acq: 28 Oct 2024 18:43

Instrument :

MSVOA_U

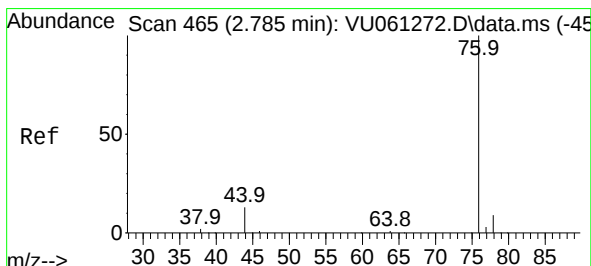
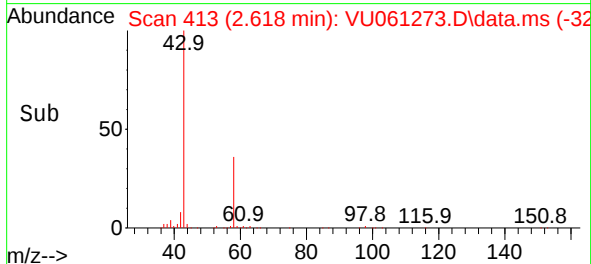
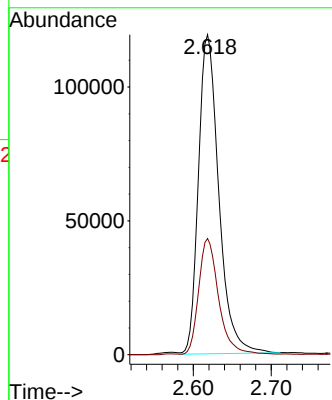
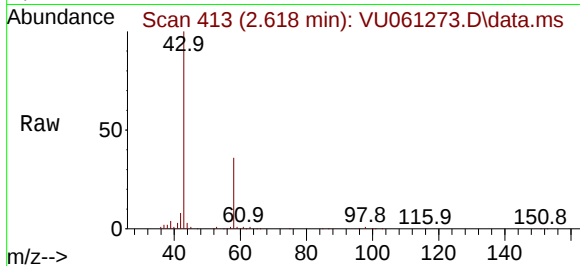
ClientSampleId :

Tgt Ion: 43 Resp: 216396

Ion Ratio Lower Upper

43 100

58 35.6 0.0 68.2



#14

Carbon disulfide

Concen: 111.575 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU061273.D

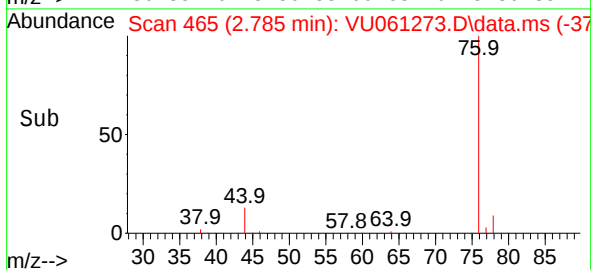
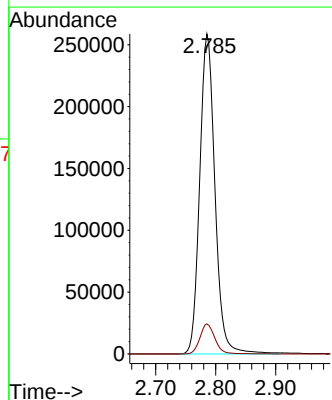
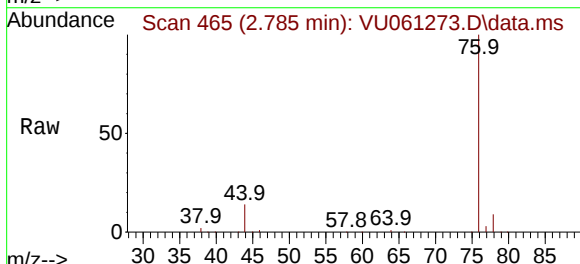
Acq: 28 Oct 2024 18:43

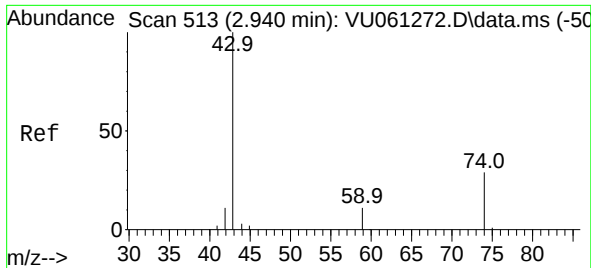
Tgt Ion: 76 Resp: 458508

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2

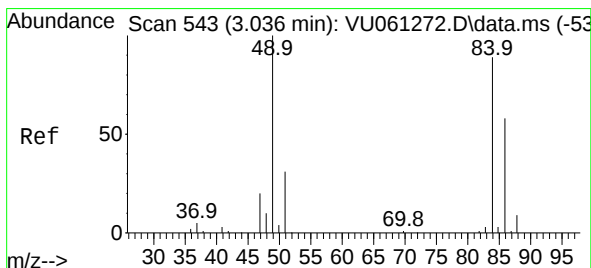
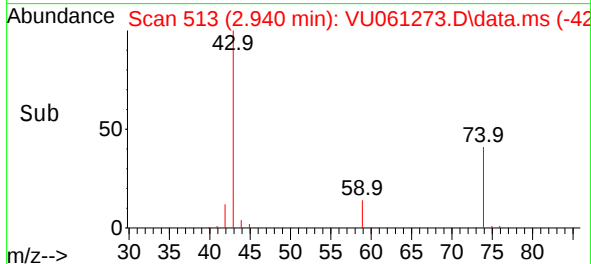
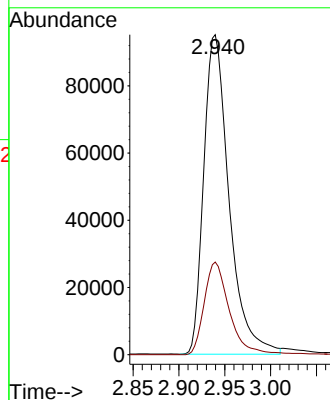
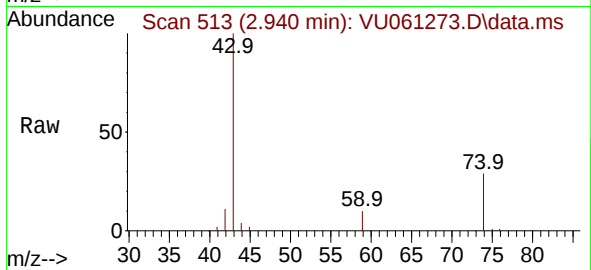




#15
Methyl Acetate
Concen: 98.742 ug/L
RT: 2.940 min Scan# 513
Delta R.T. 0.000 min
Lab File: VU061273.D
Acq: 28 Oct 2024 18:43

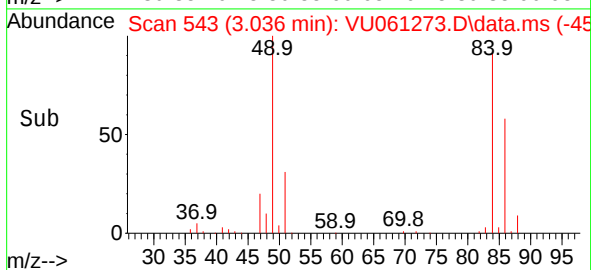
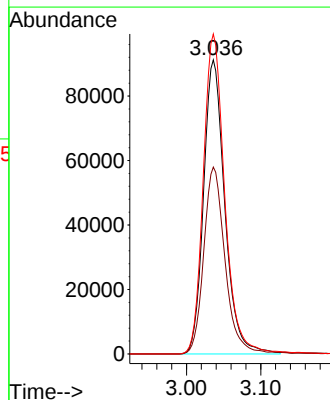
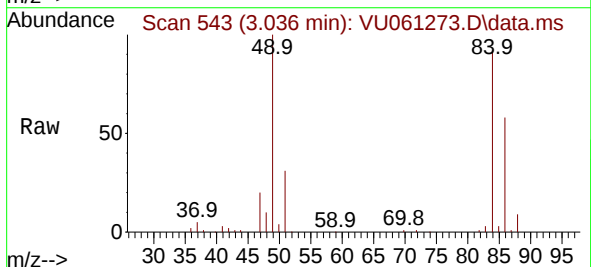
Instrument :
MSVOA_U
ClientSampleId :

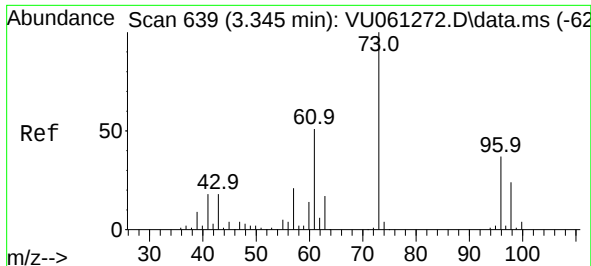
Tgt Ion: 43 Resp: 182816
Ion Ratio Lower Upper
43 100
74 28.7 23.2 34.8



#16
Methylene chloride
Concen: 92.088 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU061273.D
Acq: 28 Oct 2024 18:43

Tgt Ion: 84 Resp: 181134
Ion Ratio Lower Upper
84 100
86 63.5 45.3 84.1
49 108.8 78.3 145.5





#17

trans-1,2-Dichloroethene

Concen: 100.921 ug/L

RT: 3.345 min Scan# 639

Delta R.T. 0.000 min

Lab File: VU061273.D

Acq: 28 Oct 2024 18:43

Instrument :

MSVOA_U

ClientSampleId :

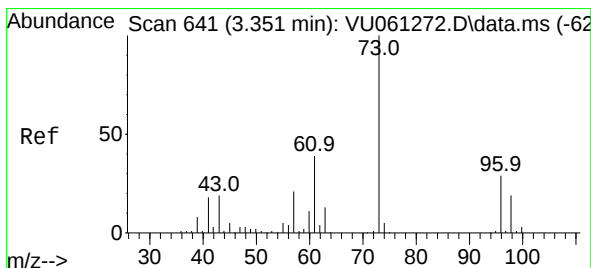
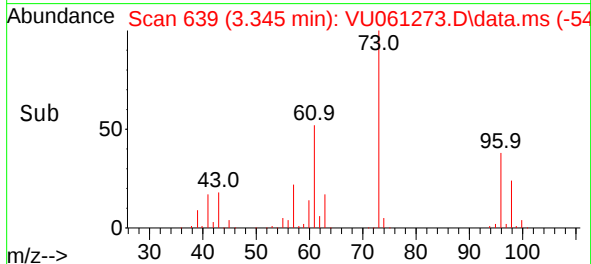
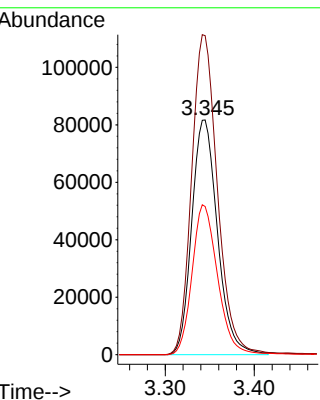
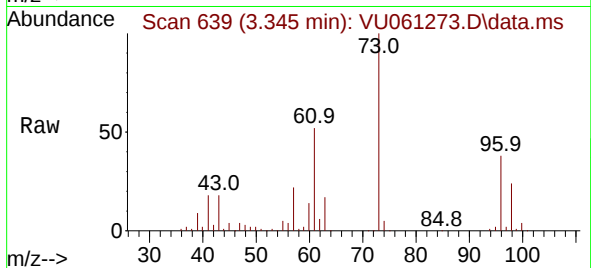
Tgt Ion: 96 Resp: 163933

Ion Ratio Lower Upper

96 100

61 136.0 95.3 177.1

98 63.2 46.0 85.4



#18

Methyl tert-butyl Ether

Concen: 104.675 ug/L

RT: 3.351 min Scan# 641

Delta R.T. 0.000 min

Lab File: VU061273.D

Acq: 28 Oct 2024 18:43

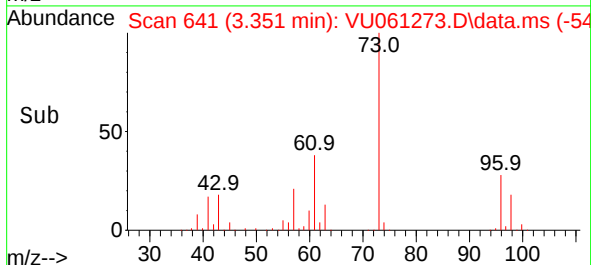
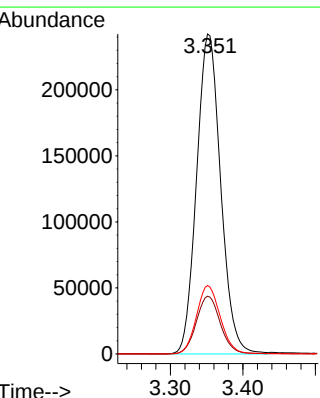
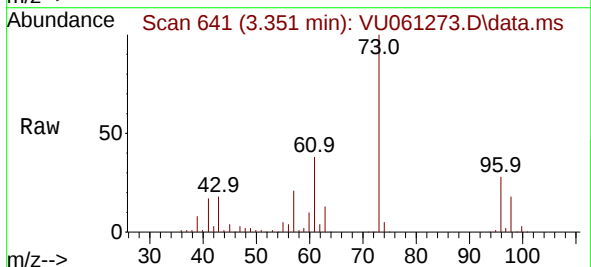
Tgt Ion: 73 Resp: 558539

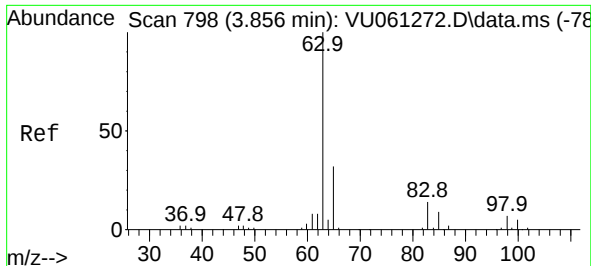
Ion Ratio Lower Upper

73 100

43 17.9 14.8 22.2

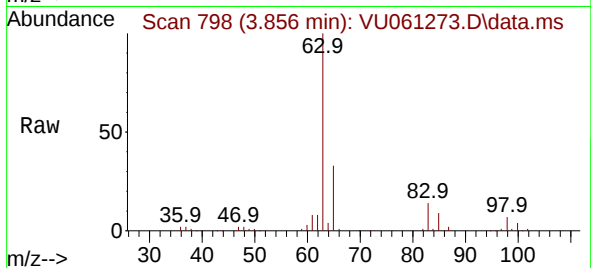
57 21.2 17.0 25.6



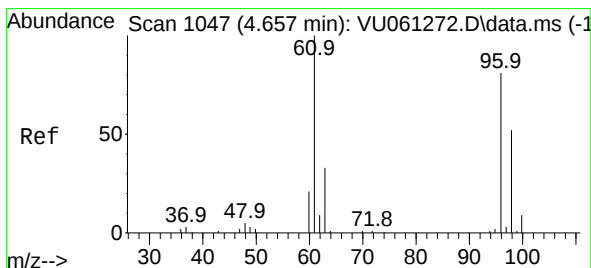
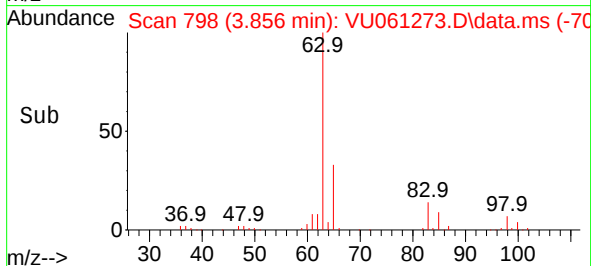
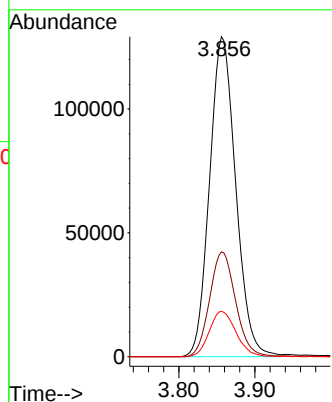


#19
1,1-Dichloroethane
Concen: 100.059 ug/L
RT: 3.856 min Scan# 798
Delta R.T. 0.000 min
Lab File: VU061273.D
Acq: 28 Oct 2024 18:43

Instrument :
MSVOA_U
ClientSampleId :

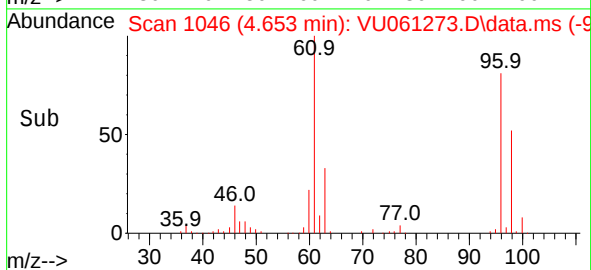
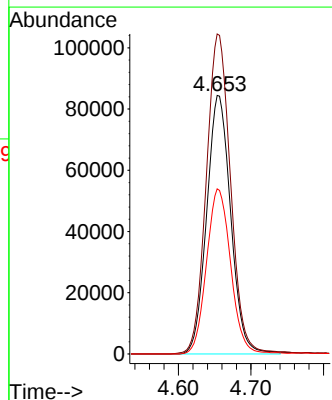
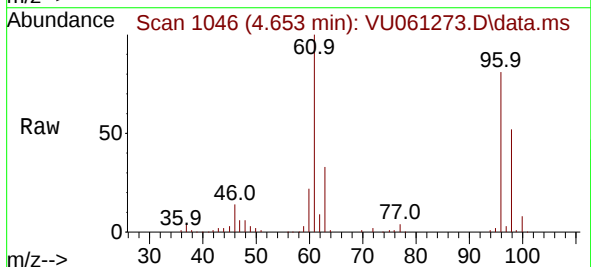


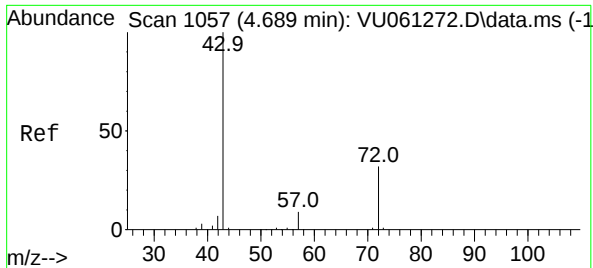
Tgt Ion: 63 Resp: 308845
Ion Ratio Lower Upper
63 100
65 32.8 22.3 41.3
83 14.1 9.9 18.3



#20
cis-1,2-Dichloroethene
Concen: 99.126 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU061273.D
Acq: 28 Oct 2024 18:43

Tgt Ion: 96 Resp: 194621
Ion Ratio Lower Upper
96 100
61 123.8 87.2 161.9
98 63.8 45.2 84.0

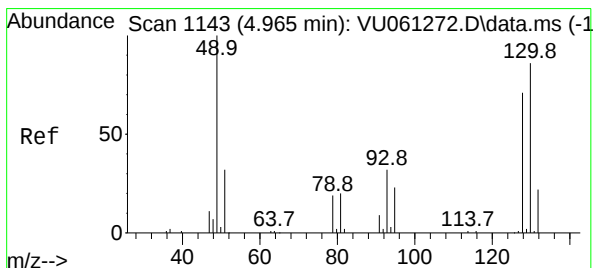
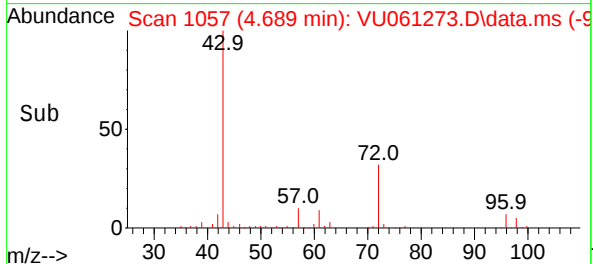
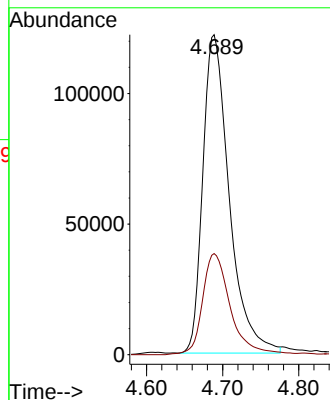
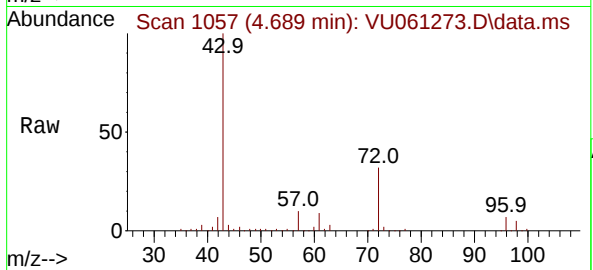




#22
2-Butanone
Concen: 193.912 ug/L
RT: 4.689 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VU061273.D
Acq: 28 Oct 2024 18:43

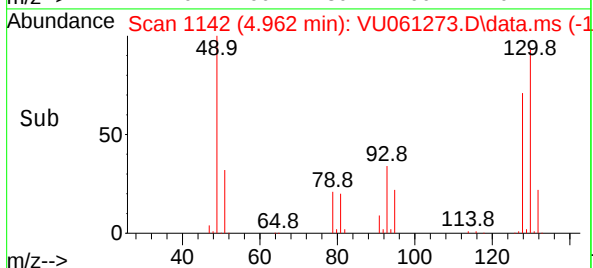
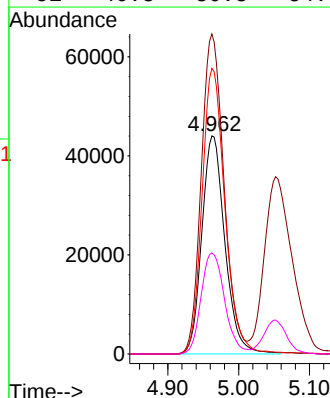
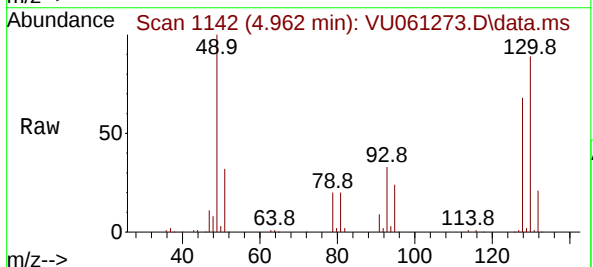
Instrument :
MSVOA_U
ClientSampleId :

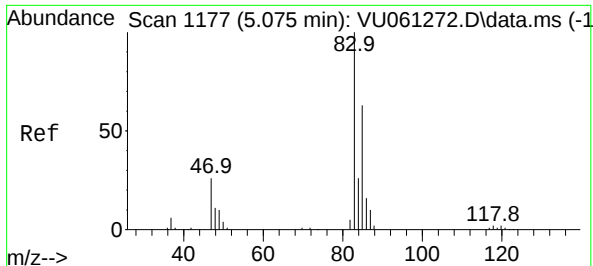
Tgt Ion: 43 Resp: 294522
Ion Ratio Lower Upper
43 100
72 33.4 15.8 47.4



#23
Bromochloromethane
Concen: 96.230 ug/L
RT: 4.962 min Scan# 1142
Delta R.T. -0.003 min
Lab File: VU061273.D
Acq: 28 Oct 2024 18:43

Tgt Ion:128 Resp: 99318
Ion Ratio Lower Upper
128 100
49 146.7 98.7 183.3
130 130.9 85.0 157.8
51 46.3 36.3 54.5





#25

Chloroform

Concen: 100.937 ug/L

RT: 5.075 min Scan# 1177

Delta R.T. 0.000 min

Lab File: VU061273.D

Acq: 28 Oct 2024 18:43

Instrument :

MSVOA_U

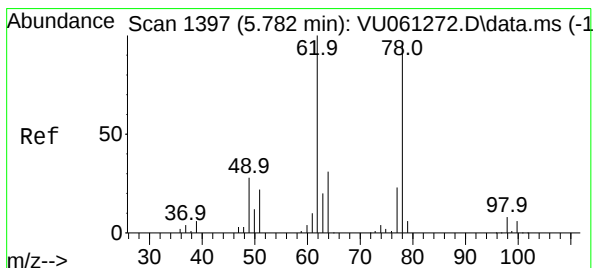
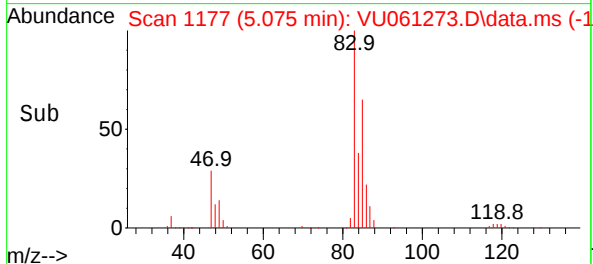
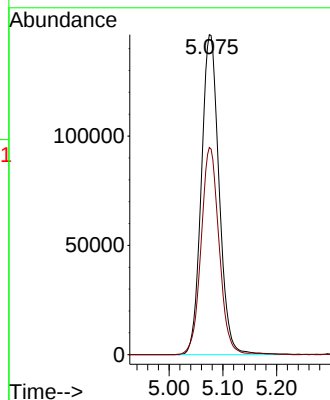
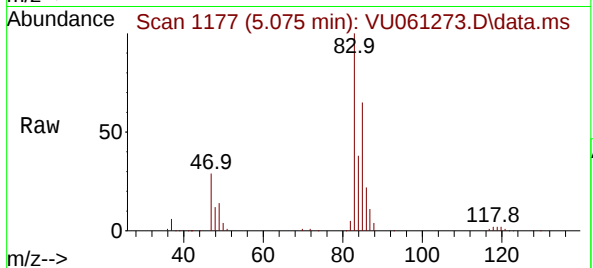
ClientSampleId :

Tgt Ion: 83 Resp: 335526

Ion Ratio Lower Upper

83 100

85 64.8 44.3 82.3



#27

1,2-Dichloroethane

Concen: 106.723 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VU061273.D

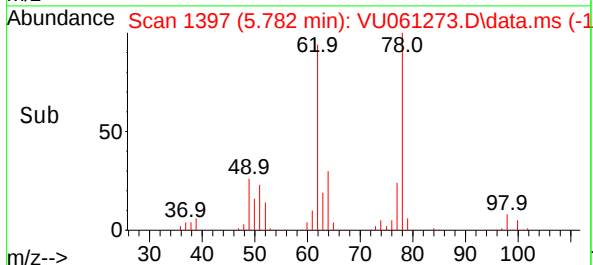
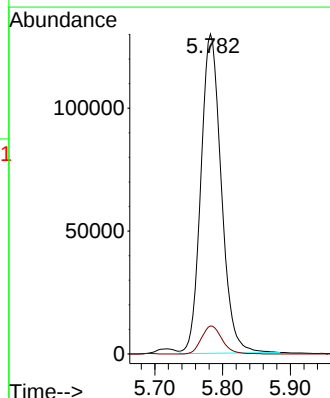
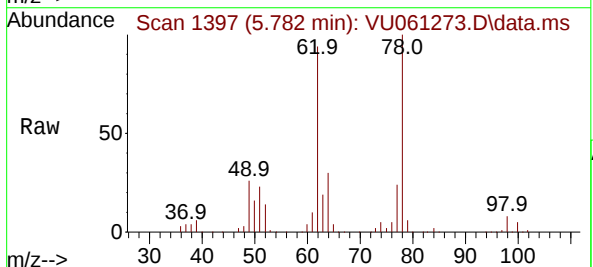
Acq: 28 Oct 2024 18:43

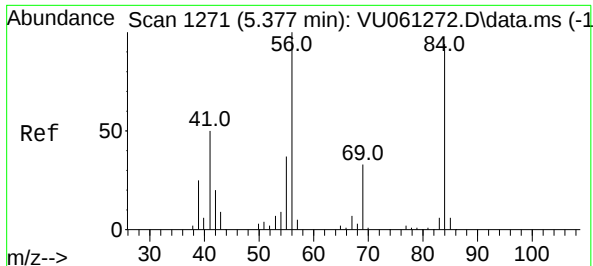
Tgt Ion: 62 Resp: 271794

Ion Ratio Lower Upper

62 100

98 8.8 6.6 10.0

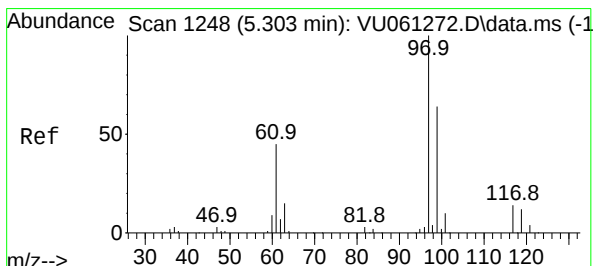
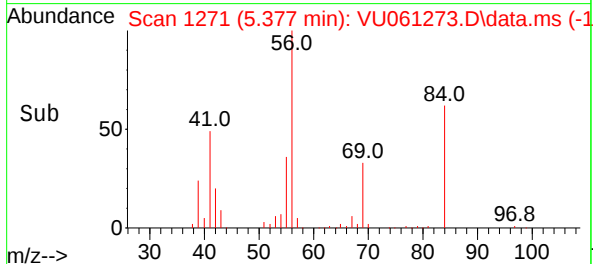
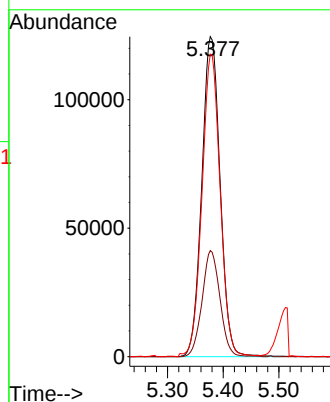
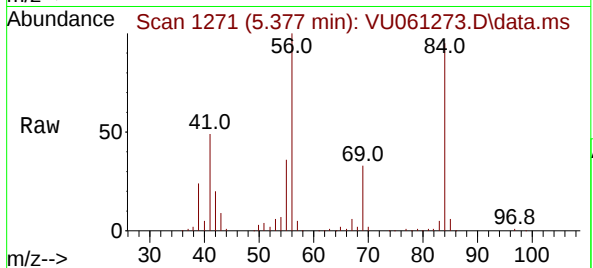




#29
Cyclohexane
Concen: 120.909 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VU061273.D
Acq: 28 Oct 2024 18:43

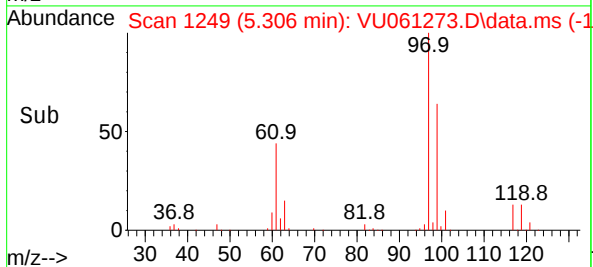
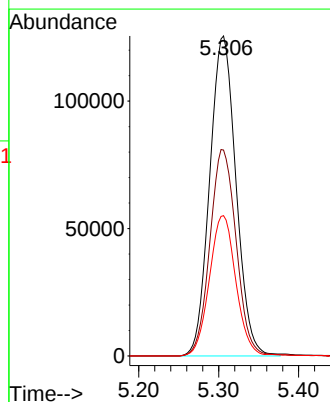
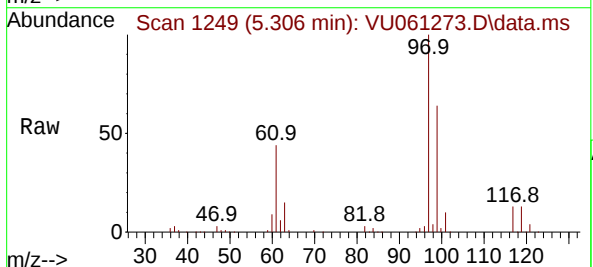
Instrument :
MSVOA_U
ClientSampleId :

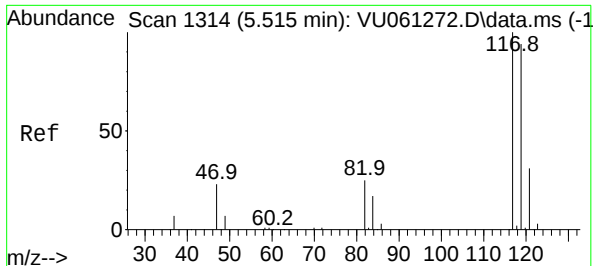
Tgt Ion: 56 Resp: 284665
Ion Ratio Lower Upper
56 100
69 32.3 26.3 39.5
84 93.7 74.6 112.0



#30
1,1,1-Trichloroethane
Concen: 108.310 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VU061273.D
Acq: 28 Oct 2024 18:43

Tgt Ion: 97 Resp: 286896
Ion Ratio Lower Upper
97 100
99 64.6 51.0 76.6
61 44.0 35.9 53.9

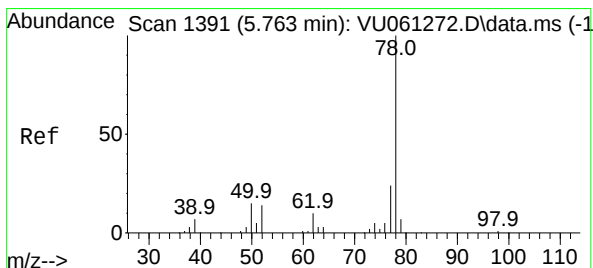
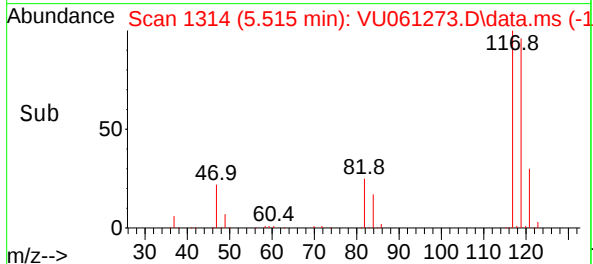
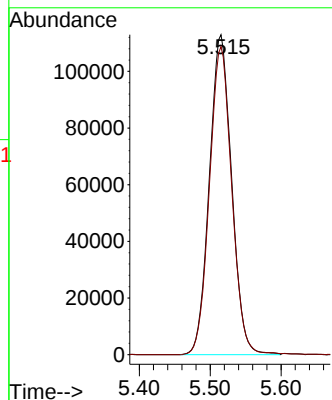
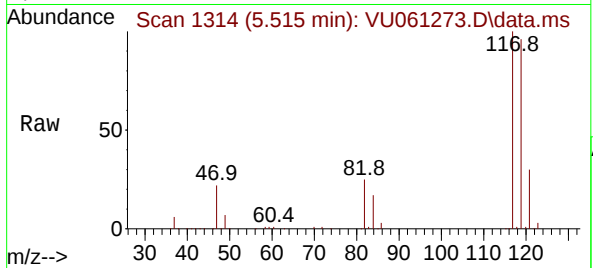




#31
Carbon tetrachloride
Concen: 111.927 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU061273.D
Acq: 28 Oct 2024 18:43

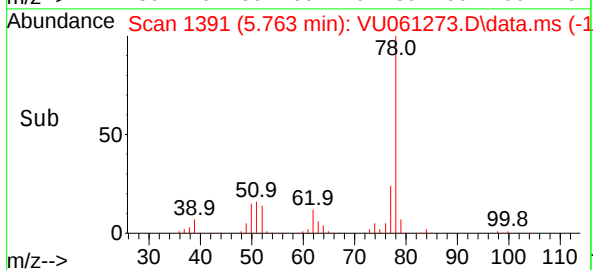
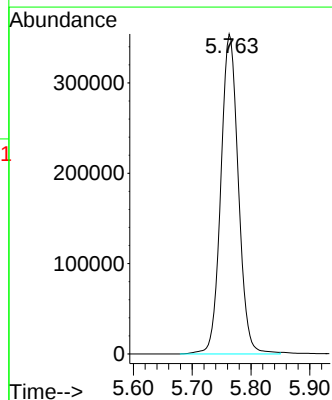
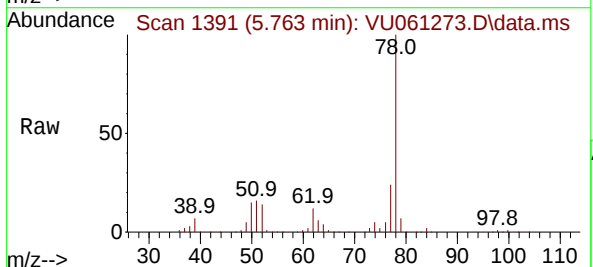
Instrument :
MSVOA_U
ClientSampleId :

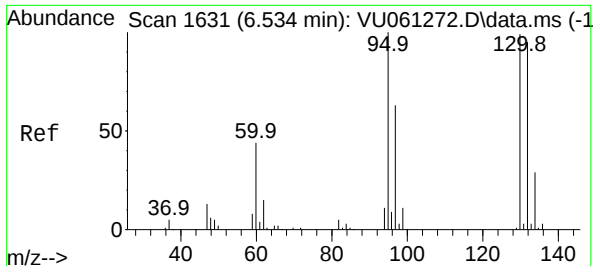
Tgt Ion:117 Resp: 246594
Ion Ratio Lower Upper
117 100
119 95.8 76.7 115.1



#33
Benzene
Concen: 106.994 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VU061273.D
Acq: 28 Oct 2024 18:43

Tgt Ion: 78 Resp: 733311





#34

Trichloroethene

Concen: 105.720 ug/L

RT: 6.531 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU061273.D

Acq: 28 Oct 2024 18:43

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 193355

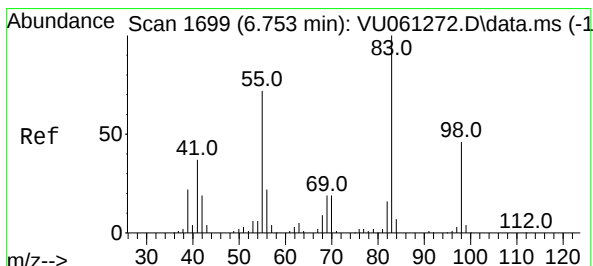
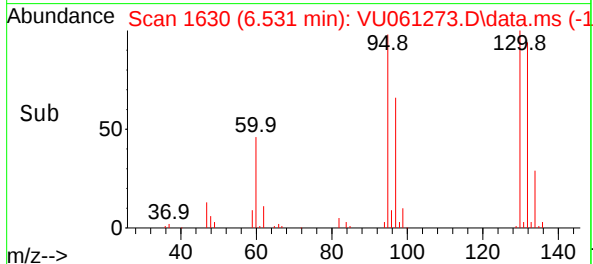
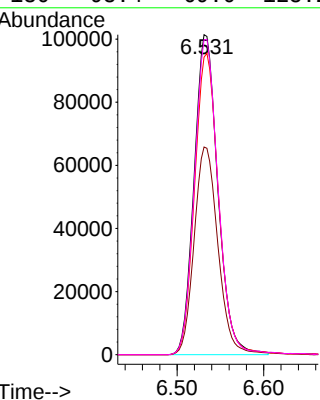
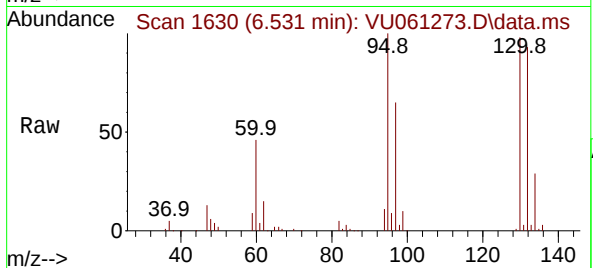
Ion Ratio Lower Upper

95 100

97 64.9 44.2 82.0

132 93.0 66.6 123.6

130 98.4 69.0 128.2



#35

Methylcyclohexane

Concen: 116.920 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VU061273.D

Acq: 28 Oct 2024 18:43

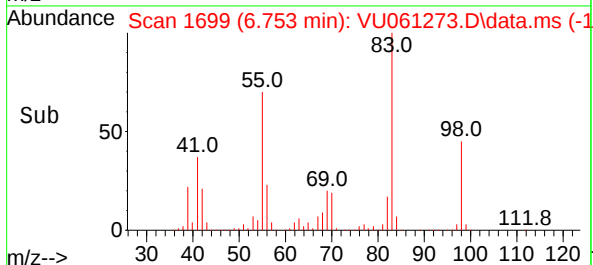
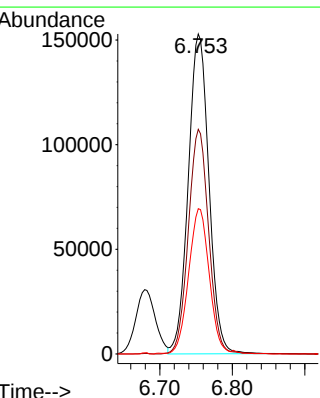
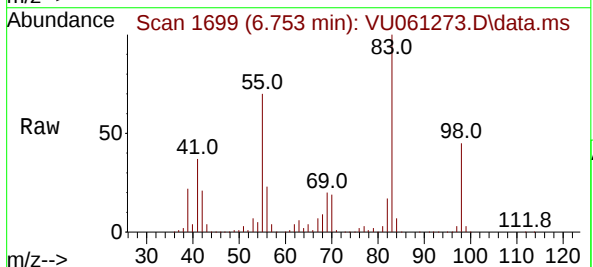
Tgt Ion: 83 Resp: 302602

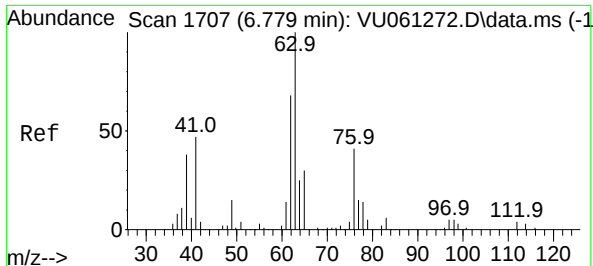
Ion Ratio Lower Upper

83 100

55 69.2 55.1 82.7

98 45.2 36.7 55.1

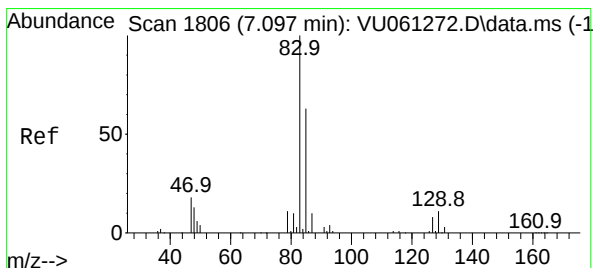
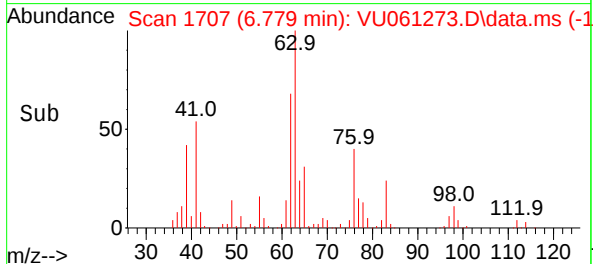
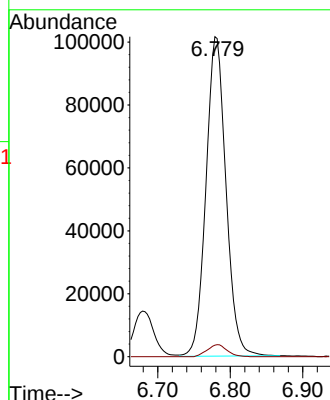
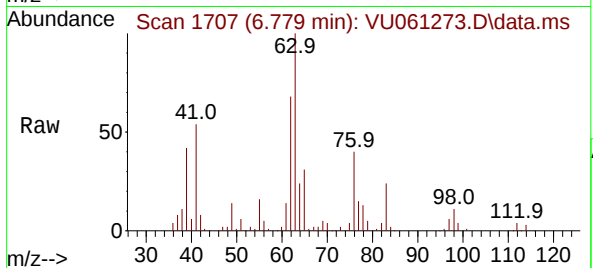




#37
1,2-Dichloropropane
Concen: 104.261 ug/L
RT: 6.779 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU061273.D
Acq: 28 Oct 2024 18:43

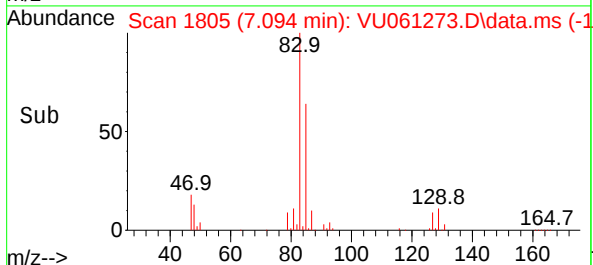
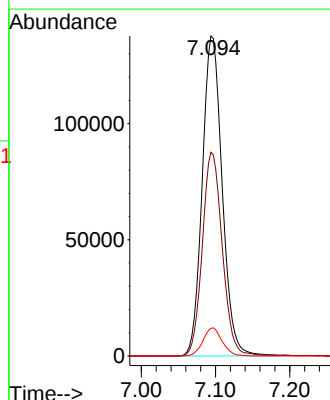
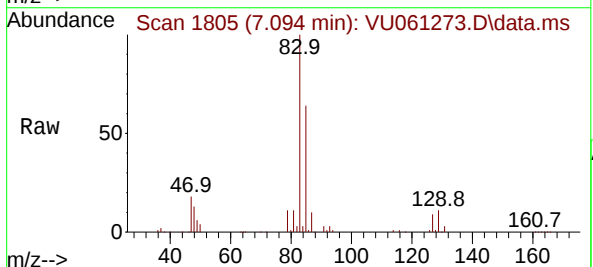
Instrument :
MSVOA_U
ClientSampleId :

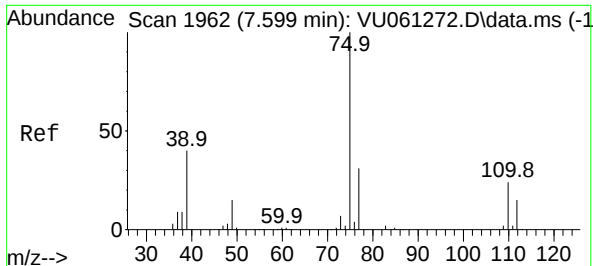
Tgt Ion: 63 Resp: 194507
Ion Ratio Lower Upper
63 100
112 3.7 3.3 4.9



#38
Bromodichloromethane
Concen: 108.125 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. -0.003 min
Lab File: VU061273.D
Acq: 28 Oct 2024 18:43

Tgt Ion: 83 Resp: 257068
Ion Ratio Lower Upper
83 100
85 63.7 44.2 82.0
127 8.6 6.3 9.5

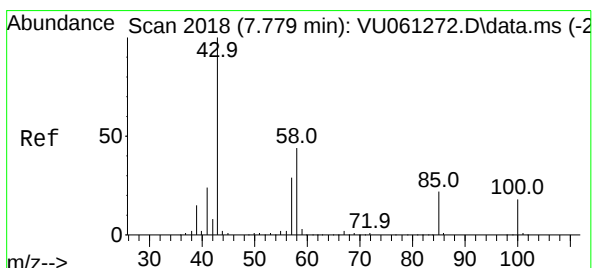
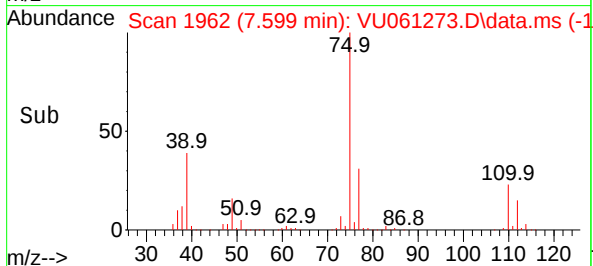
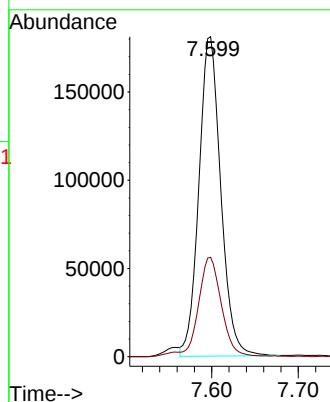
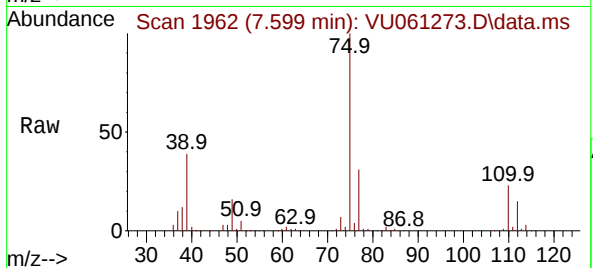




#39
 cis-1,3-Dichloropropene
 Concen: 110.014 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VU061273.D
 Acq: 28 Oct 2024 18:43

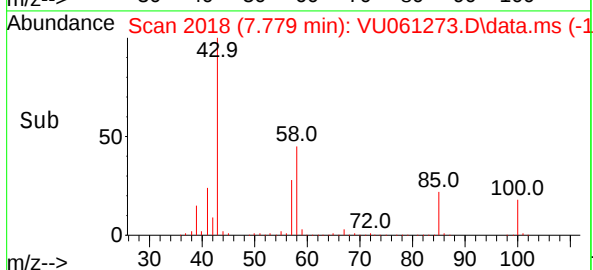
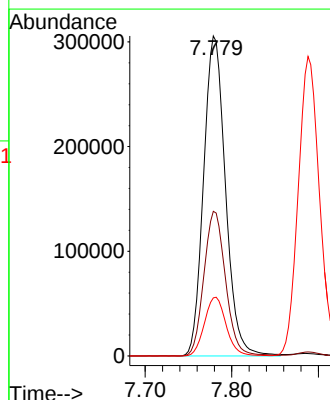
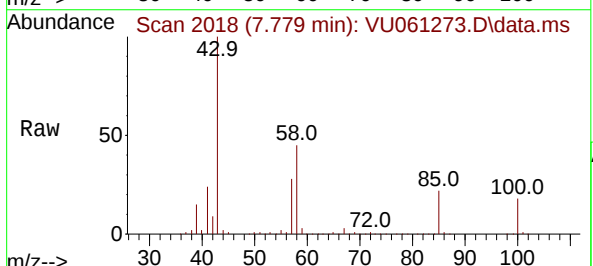
Instrument :
 MSVOA_U
 ClientSampleId :

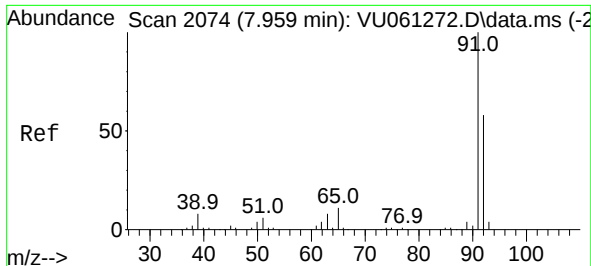
Tgt Ion: 75 Resp: 317707
 Ion Ratio Lower Upper
 75 100
 77 31.0 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 222.537 ug/L
 RT: 7.779 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VU061273.D
 Acq: 28 Oct 2024 18:43

Tgt Ion: 43 Resp: 537626
 Ion Ratio Lower Upper
 43 100
 58 44.7 35.2 52.8
 100 18.2 14.4 21.6

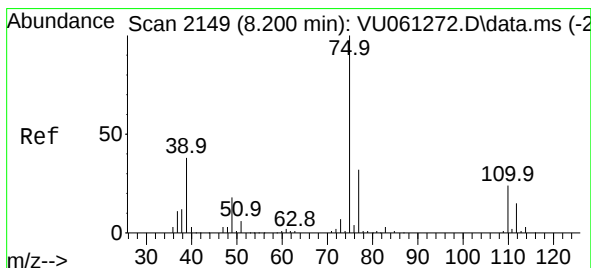
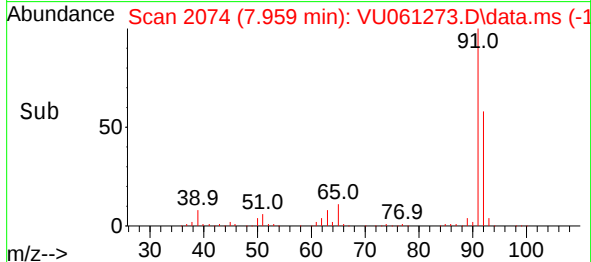
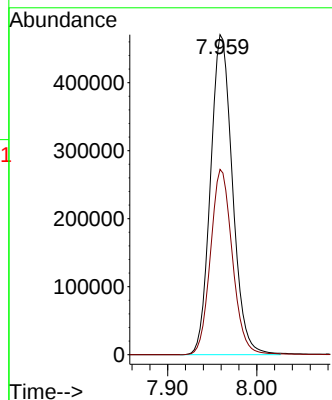
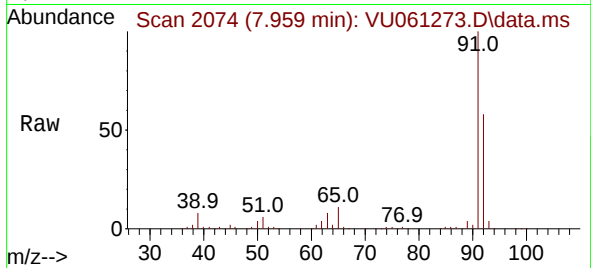




#42
Toluene
Concen: 108.104 ug/L
RT: 7.959 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VU061273.D
Acq: 28 Oct 2024 18:43

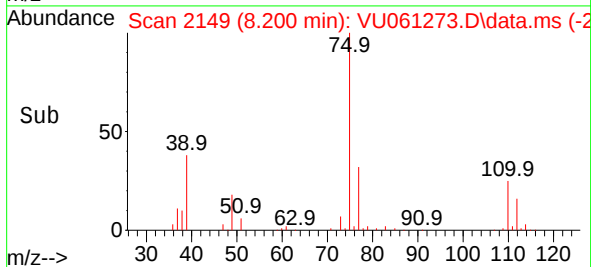
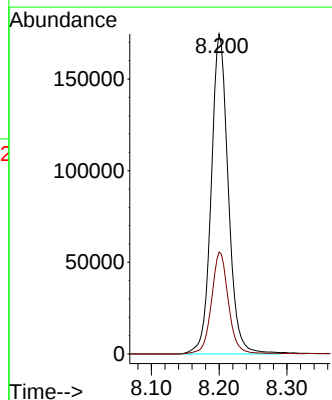
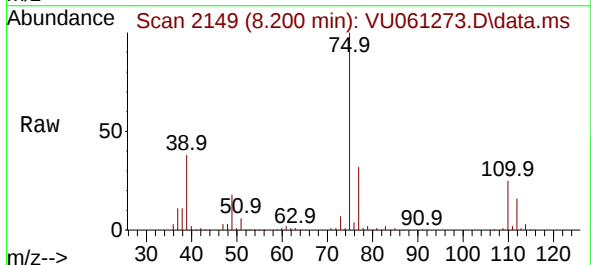
Instrument :
MSVOA_U
Client SampleId :

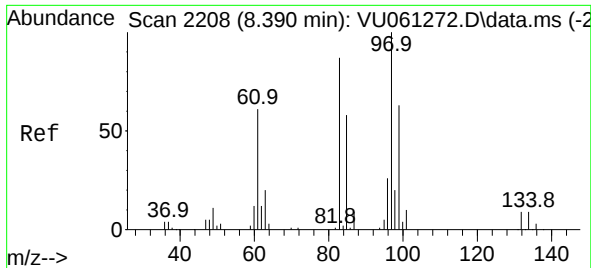
Tgt Ion: 91 Resp: 805793
Ion Ratio Lower Upper
91 100
92 57.9 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 114.197 ug/L
RT: 8.200 min Scan# 2149
Delta R.T. 0.000 min
Lab File: VU061273.D
Acq: 28 Oct 2024 18:43

Tgt Ion: 75 Resp: 305261
Ion Ratio Lower Upper
75 100
77 31.9 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 101.693 ug/L

RT: 8.390 min Scan# 2208

Delta R.T. 0.000 min

Lab File: VU061273.D

Acq: 28 Oct 2024 18:43

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 197874

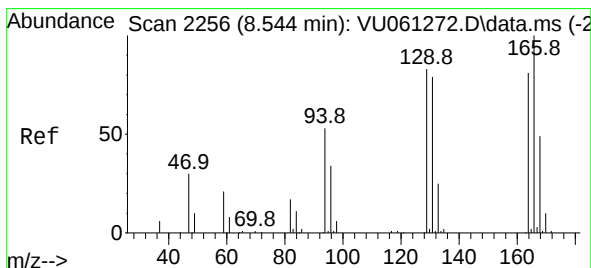
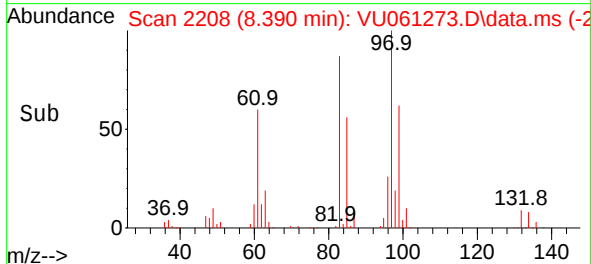
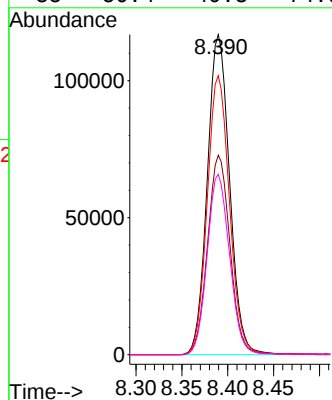
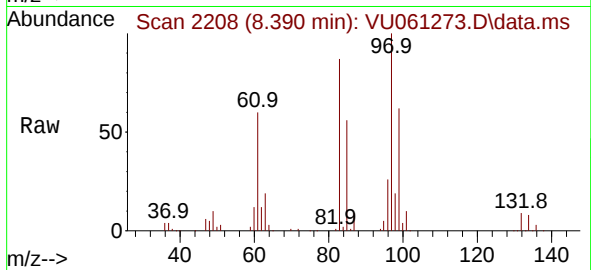
Ion Ratio Lower Upper

97 100

99 62.4 44.4 82.5

83 87.2 61.0 113.2

85 56.4 40.3 74.9



#46

Tetrachloroethene

Concen: 94.969 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. 0.000 min

Lab File: VU061273.D

Acq: 28 Oct 2024 18:43

Tgt Ion:164 Resp: 138722

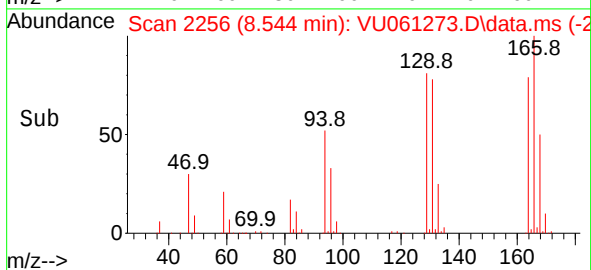
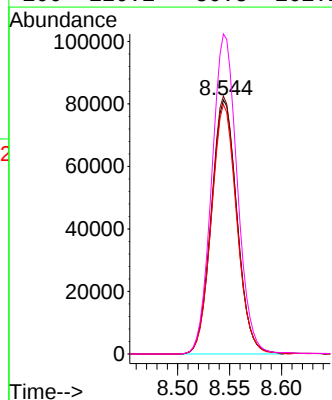
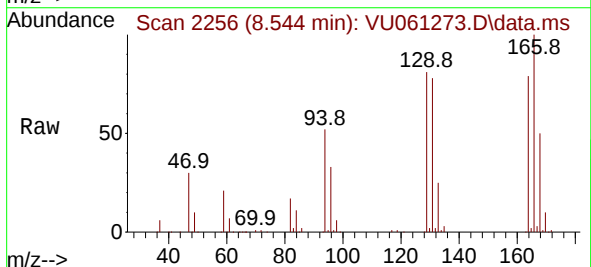
Ion Ratio Lower Upper

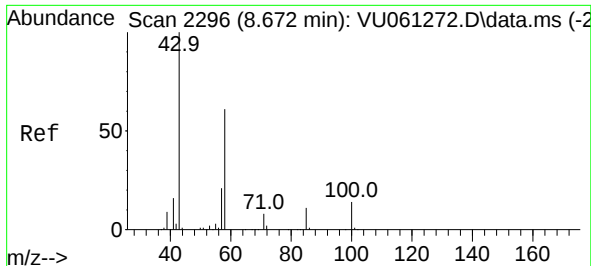
164 100

129 101.6 71.6 133.0

131 98.3 68.6 127.4

166 126.1 86.8 161.2





#48

2-Hexanone

Concen: 223.614 ug/L

RT: 8.673 min Scan# 2296

Delta R.T. 0.000 min

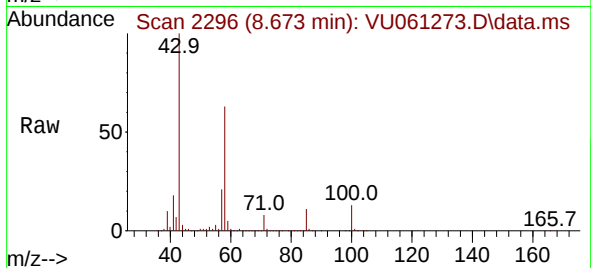
Lab File: VU061273.D

Acq: 28 Oct 2024 18:43

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 450979

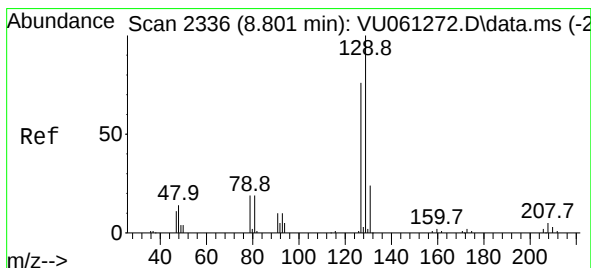
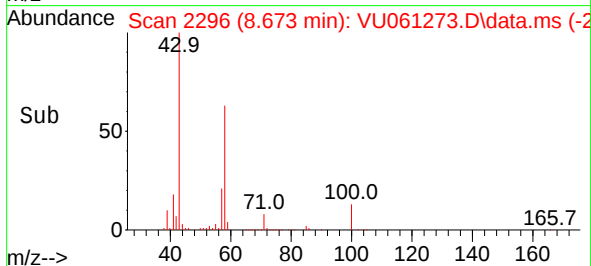
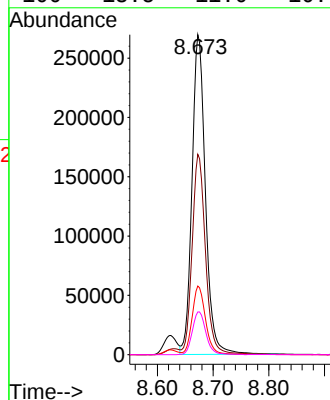
Ion Ratio Lower Upper

43 100

58 61.9 49.2 73.8

57 21.3 17.4 26.2

100 13.5 11.0 16.4



#49

Dibromochloromethane

Concen: 107.135 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VU061273.D

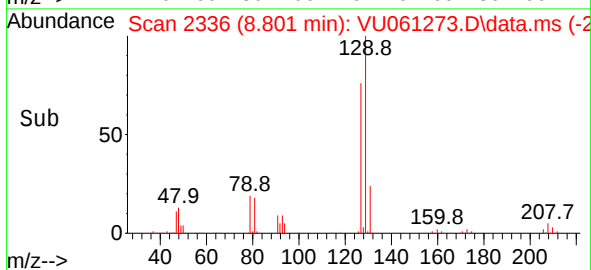
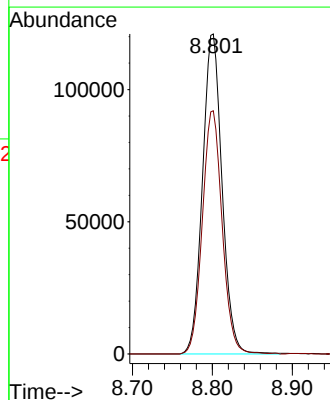
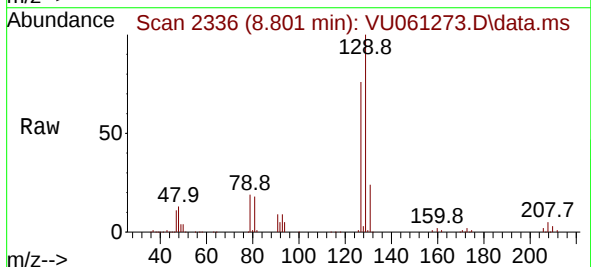
Acq: 28 Oct 2024 18:43

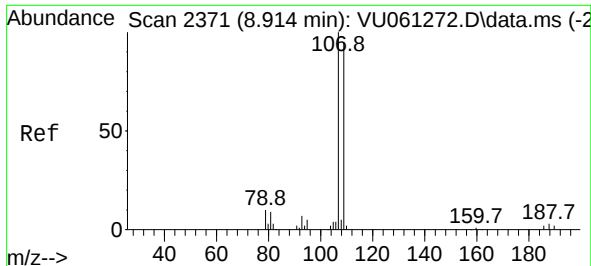
Tgt Ion:129 Resp: 206292

Ion Ratio Lower Upper

129 100

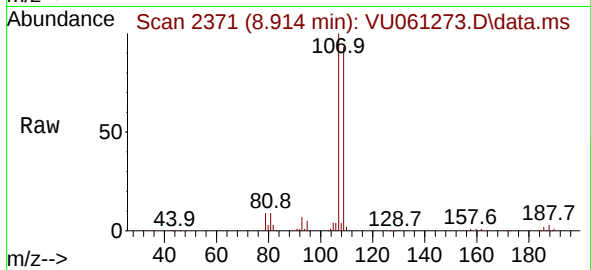
127 76.0 53.5 99.3



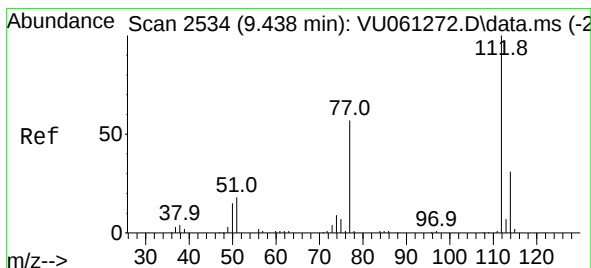
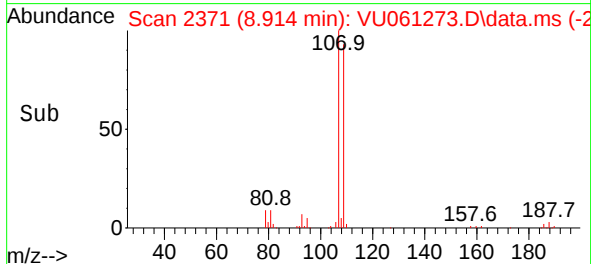
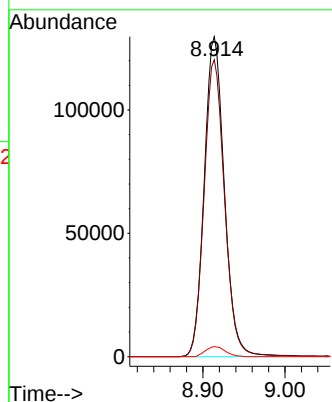


#50
1,2-Dibromoethane
Concen: 107.255 ug/L
RT: 8.914 min Scan# 2371
Delta R.T. 0.000 min
Lab File: VU061273.D
Acq: 28 Oct 2024 18:43

Instrument :
MSVOA_U
ClientSampleId :

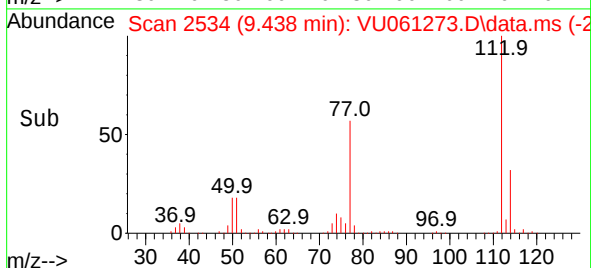
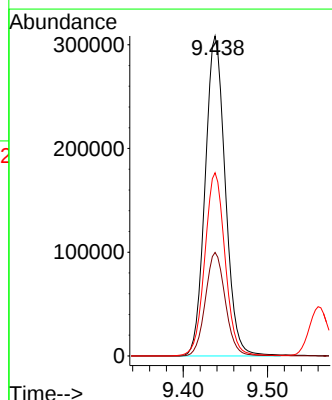
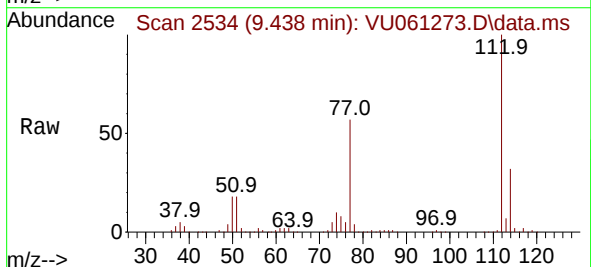


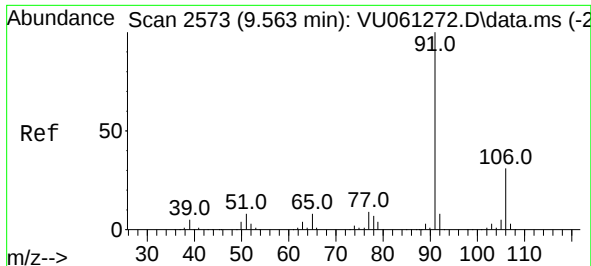
Tgt Ion:107 Resp: 220461
Ion Ratio Lower Upper
107 100
109 92.8 66.8 124.0
188 3.3 2.8 4.2



#51
Chlorobenzene
Concen: 104.334 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU061273.D
Acq: 28 Oct 2024 18:43

Tgt Ion:112 Resp: 514228
Ion Ratio Lower Upper
112 100
114 32.3 22.0 40.8
77 57.3 45.8 68.6





#52

Ethylbenzene

Concen: 111.214 ug/L

RT: 9.560 min Scan# 2572

Delta R.T. -0.003 min

Lab File: VU061273.D

Acq: 28 Oct 2024 18:43

Instrument :

MSVOA_U

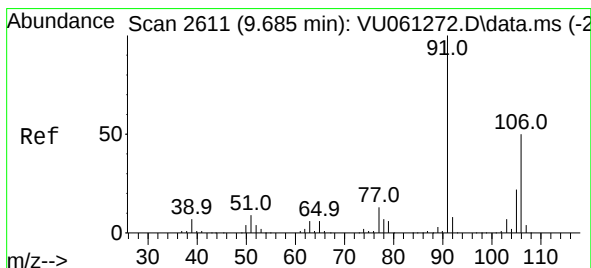
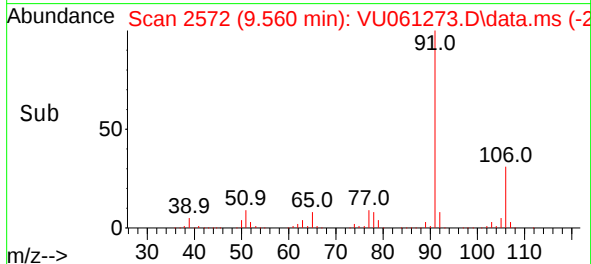
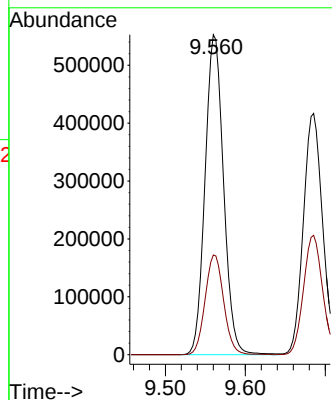
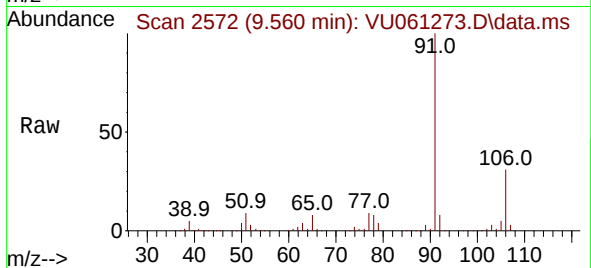
ClientSampleId :

Tgt Ion: 91 Resp: 890655

Ion Ratio Lower Upper

91 100

106 31.2 21.6 40.2



#53

m,p-Xylene

Concen: 110.772 ug/L

RT: 9.685 min Scan# 2611

Delta R.T. 0.000 min

Lab File: VU061273.D

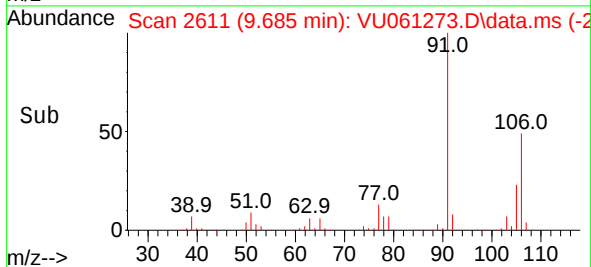
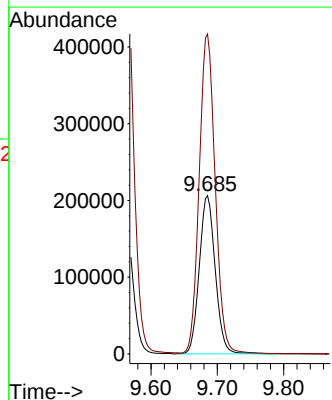
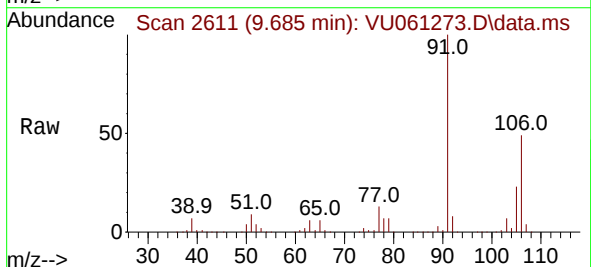
Acq: 28 Oct 2024 18:43

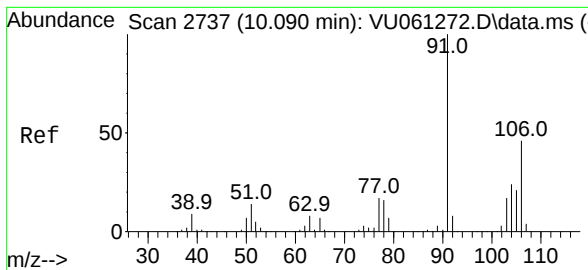
Tgt Ion:106 Resp: 344013

Ion Ratio Lower Upper

106 100

91 202.2 140.6 261.2

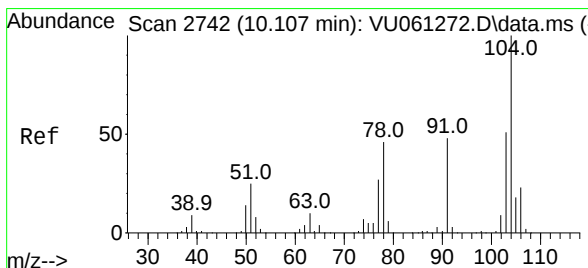
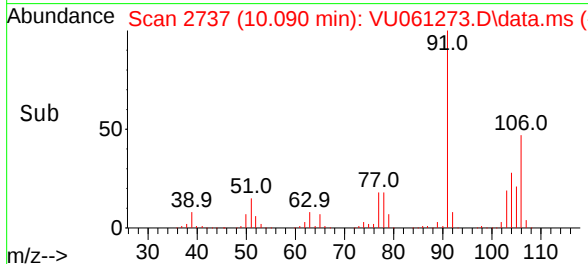
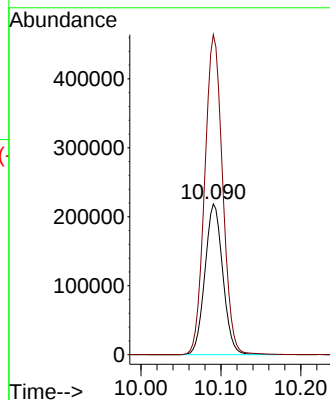
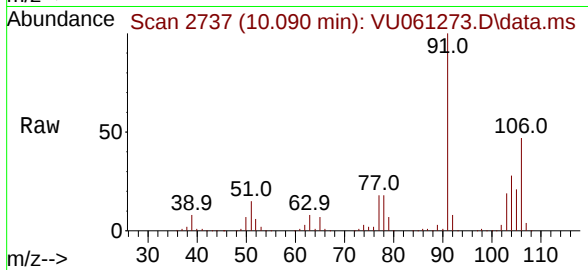




#54
o-Xylene
Concen: 113.487 ug/L
RT: 10.090 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU061273.D
Acq: 28 Oct 2024 18:43

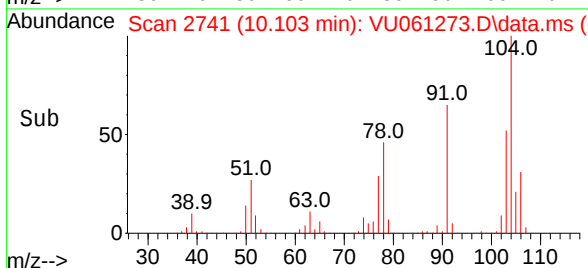
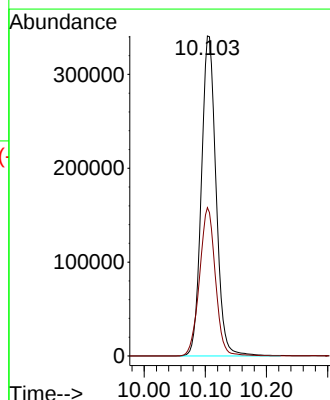
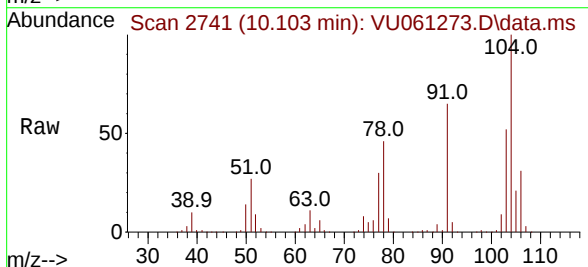
Instrument :
MSVOA_U
ClientSampleId :

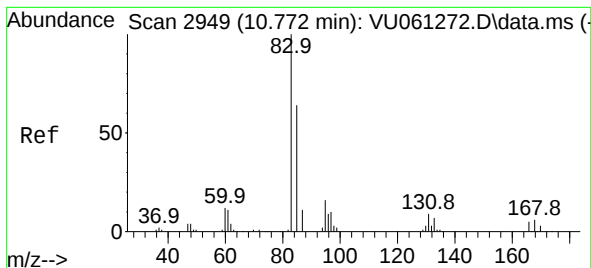
Tgt Ion:106 Resp: 340550
Ion Ratio Lower Upper
106 100
91 212.3 152.7 283.7



#55
Styrene
Concen: 113.853 ug/L
RT: 10.103 min Scan# 2741
Delta R.T. -0.003 min
Lab File: VU061273.D
Acq: 28 Oct 2024 18:43

Tgt Ion:104 Resp: 570278
Ion Ratio Lower Upper
104 100
78 46.4 32.0 59.4





#57

1,1,2,2-Tetrachloroethane

Concen: 104.908 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU061273.D

Acq: 28 Oct 2024 18:43

Instrument :

MSVOA_U

ClientSampleId :

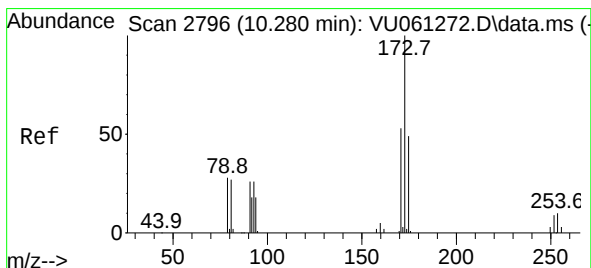
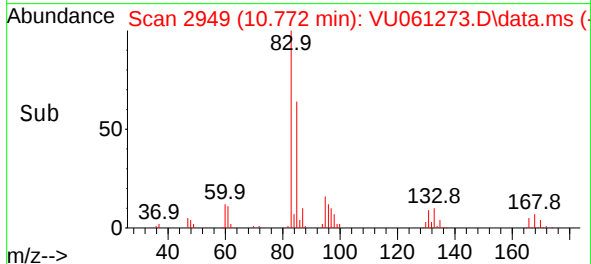
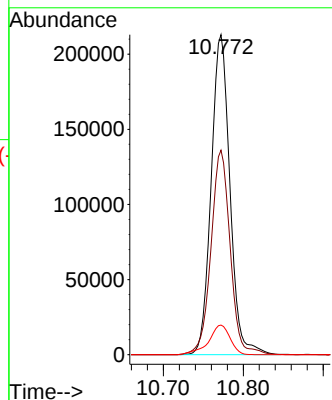
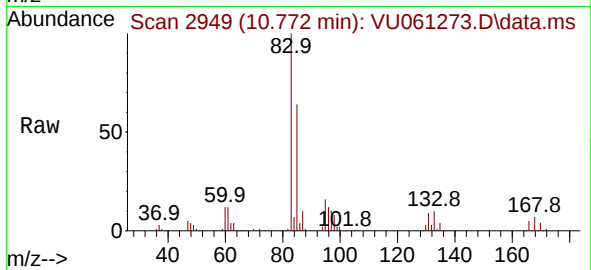
Tgt Ion: 83 Resp: 346921

Ion Ratio Lower Upper

83 100

85 63.9 45.3 84.1

131 9.3 7.5 11.3



#59

Bromoform

Concen: 105.367 ug/L

RT: 10.280 min Scan# 2796

Delta R.T. 0.000 min

Lab File: VU061273.D

Acq: 28 Oct 2024 18:43

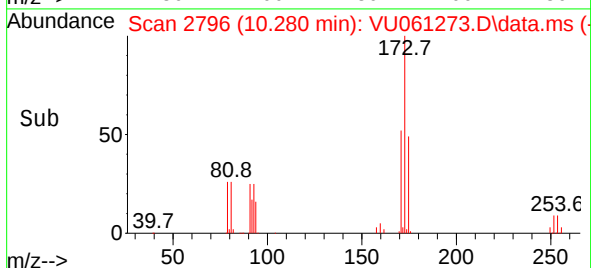
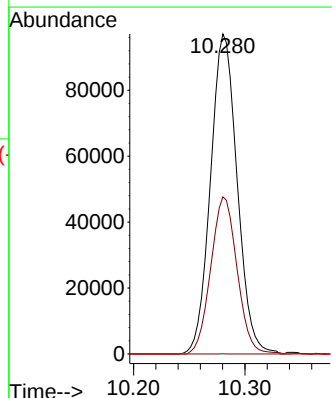
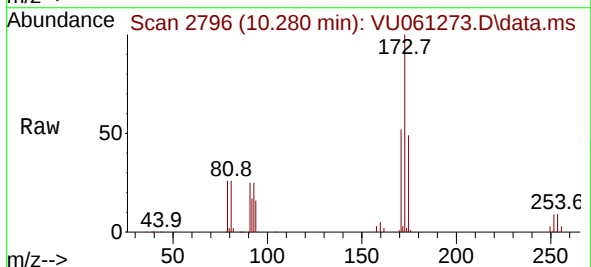
Tgt Ion:173 Resp: 161424

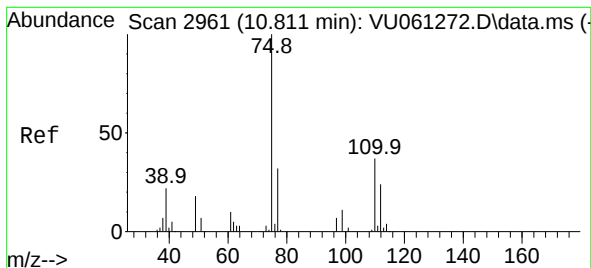
Ion Ratio Lower Upper

173 100

175 48.3 39.7 59.5

254 0.0 1.4 2.0#





#60

1,2,3-Trichloropropane

Concen: 107.407 ug/L

RT: 10.811 min Scan# 2961

Delta R.T. 0.000 min

Lab File: VU061273.D

Acq: 28 Oct 2024 18:43

Instrument :

MSVOA_U

ClientSampleId :

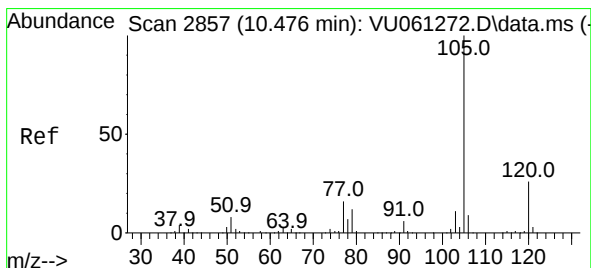
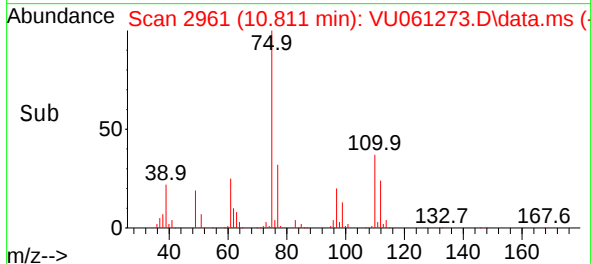
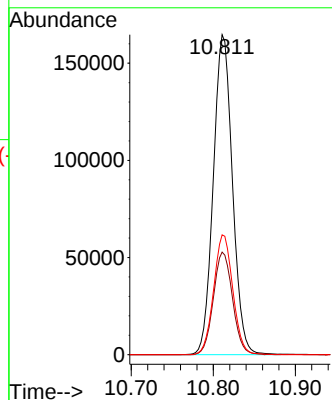
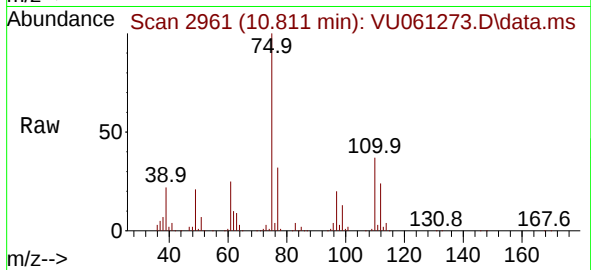
Tgt Ion: 75 Resp: 267558

Ion Ratio Lower Upper

75 100

77 32.0 25.5 38.3

110 37.4 29.8 44.6



#61

Isopropylbenzene

Concen: 115.601 ug/L

RT: 10.473 min Scan# 2856

Delta R.T. -0.003 min

Lab File: VU061273.D

Acq: 28 Oct 2024 18:43

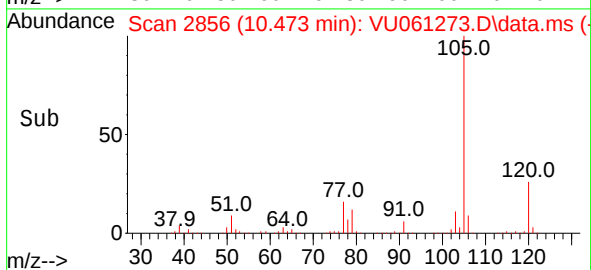
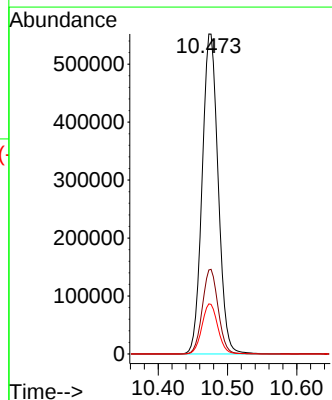
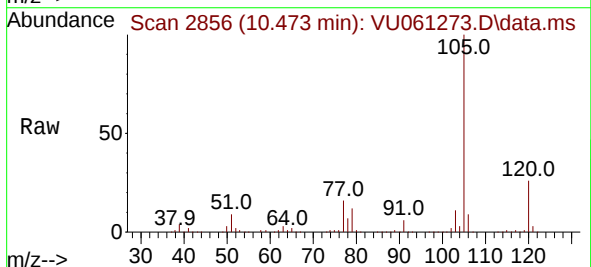
Tgt Ion:105 Resp: 882878

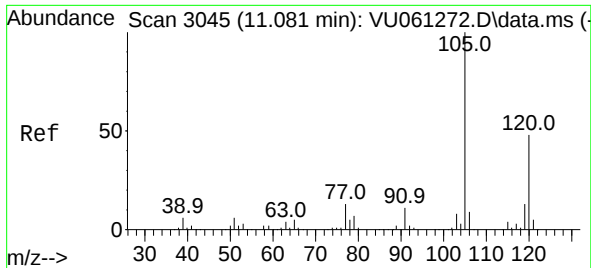
Ion Ratio Lower Upper

105 100

120 26.2 20.8 31.2

77 15.6 12.7 19.1





#62

1,3,5-Trimethylbenzene

Concen: 126.837 ug/L

RT: 11.078 min Scan# 3044

Delta R.T. -0.003 min

Lab File: VU061273.D

Acq: 28 Oct 2024 18:43

Instrument :

MSVOA_U

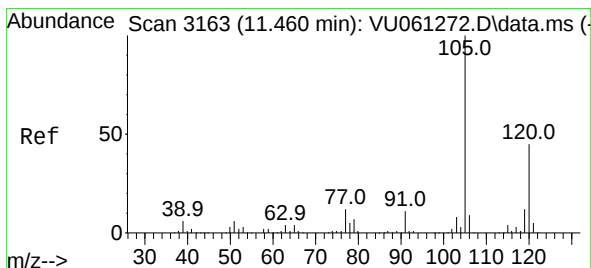
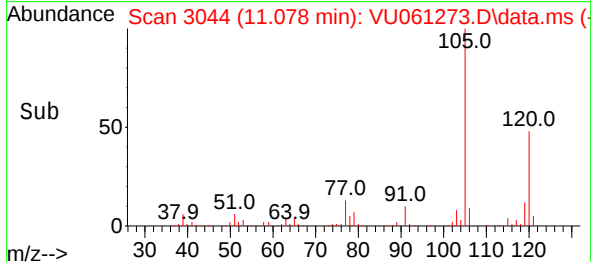
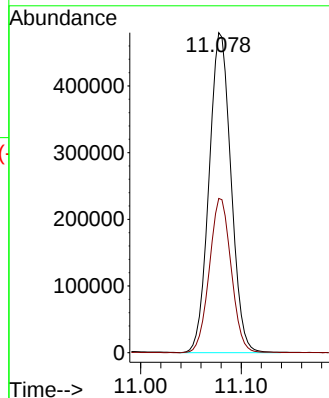
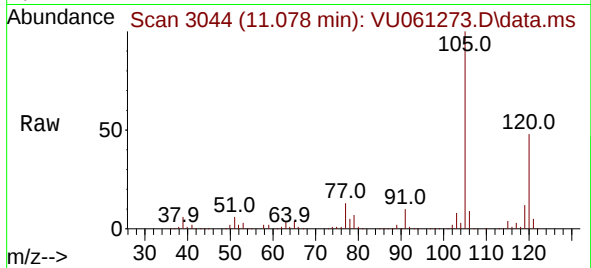
ClientSampleId :

Tgt Ion:105 Resp: 728423

Ion Ratio Lower Upper

105 100

120 47.9 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 120.392 ug/L

RT: 11.457 min Scan# 3162

Delta R.T. -0.003 min

Lab File: VU061273.D

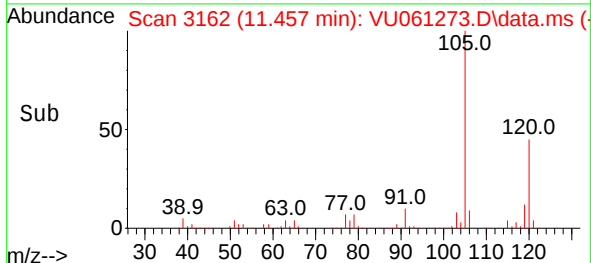
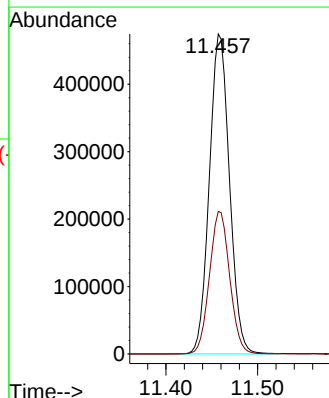
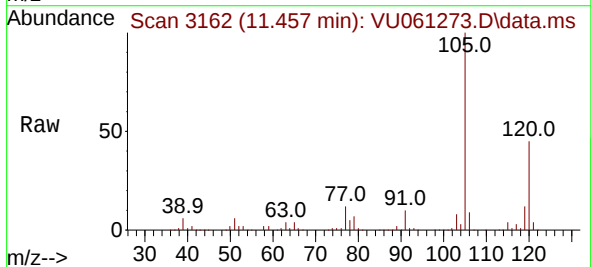
Acq: 28 Oct 2024 18:43

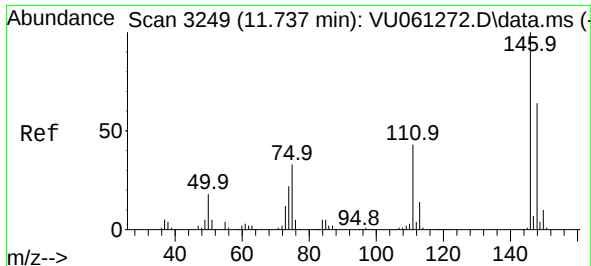
Tgt Ion:105 Resp: 723780

Ion Ratio Lower Upper

105 100

120 44.8 35.8 53.8

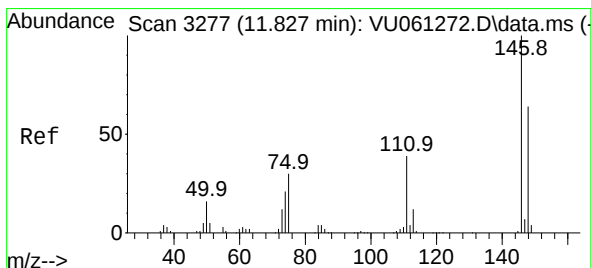
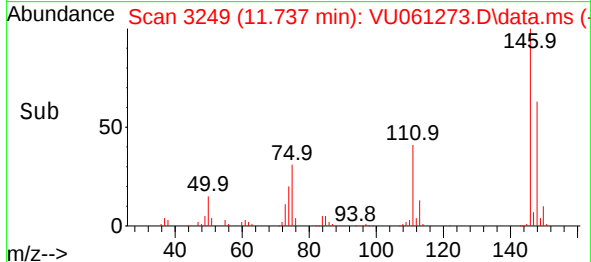
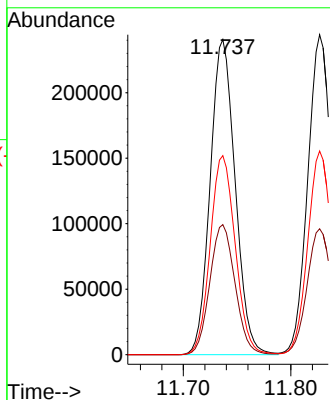
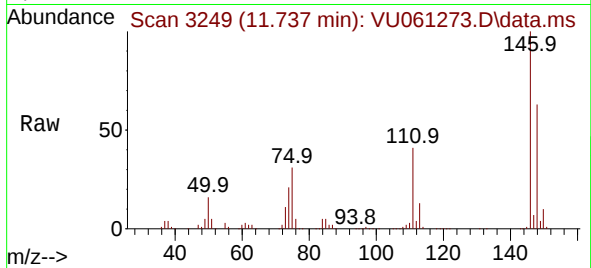




#64
1,3-Dichlorobenzene
Concen: 101.240 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VU061273.D
Acq: 28 Oct 2024 18:43

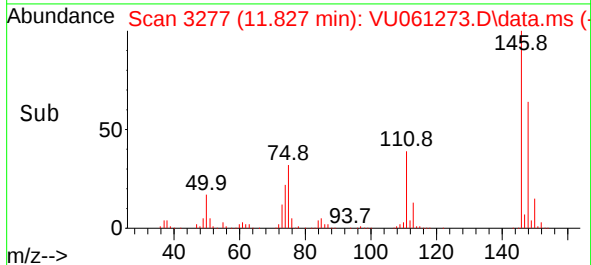
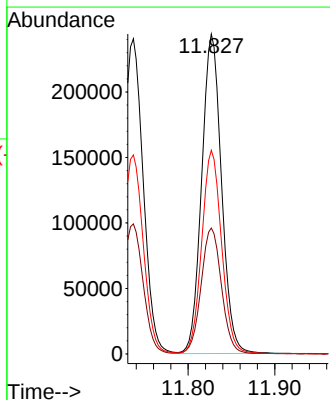
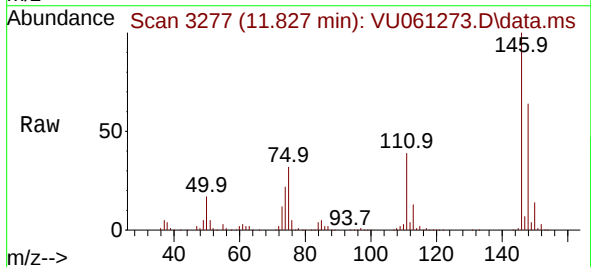
Instrument :
MSVOA_U
ClientSampleId :

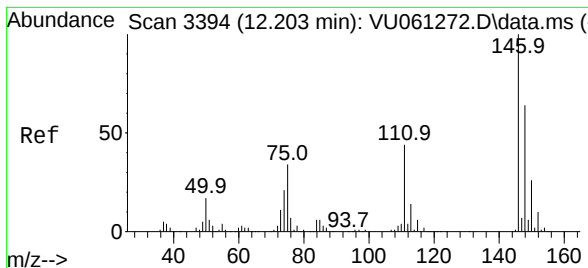
Tgt Ion:146 Resp: 388535
Ion Ratio Lower Upper
146 100
111 41.3 27.9 51.7
148 63.2 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 97.617 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VU061273.D
Acq: 28 Oct 2024 18:43

Tgt Ion:146 Resp: 387381
Ion Ratio Lower Upper
146 100
111 39.3 27.9 51.7
148 63.7 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 100.422 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU061273.D

Acq: 28 Oct 2024 18:43

Instrument :

MSVOA_U

ClientSampleId :

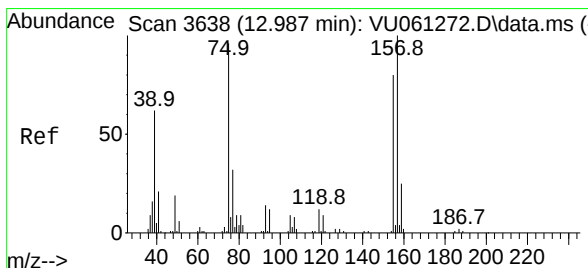
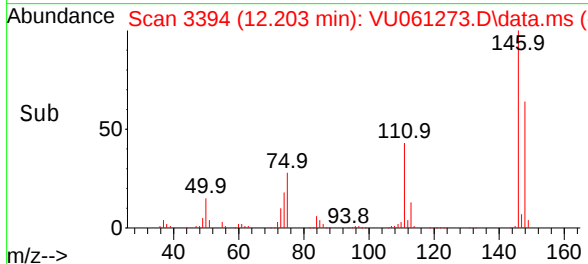
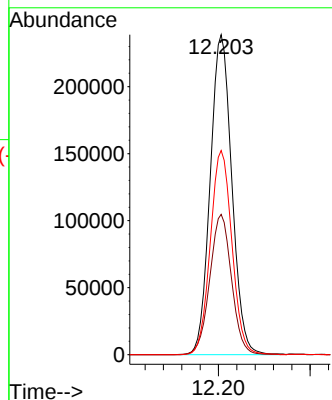
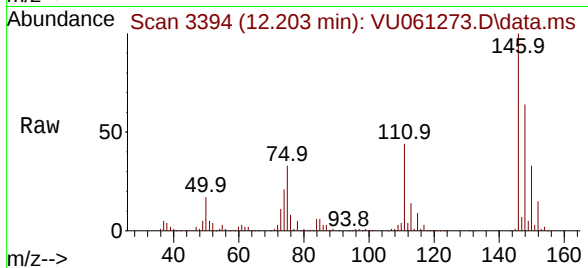
Tgt Ion:146 Resp: 390524

Ion Ratio Lower Upper

146 100

111 43.8 35.6 53.4

148 63.8 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 115.058 ug/L

RT: 12.984 min Scan# 3637

Delta R.T. -0.003 min

Lab File: VU061273.D

Acq: 28 Oct 2024 18:43

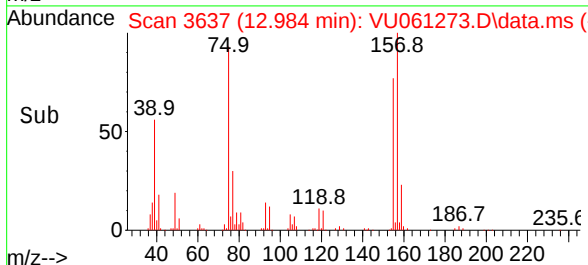
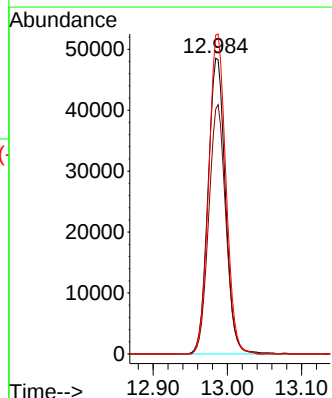
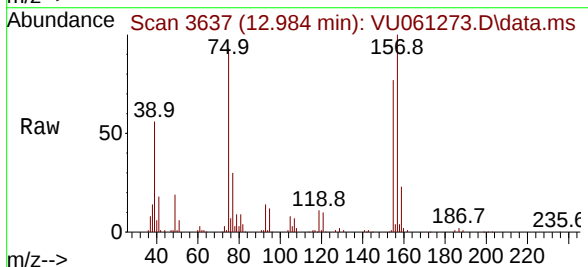
Tgt Ion: 75 Resp: 78820

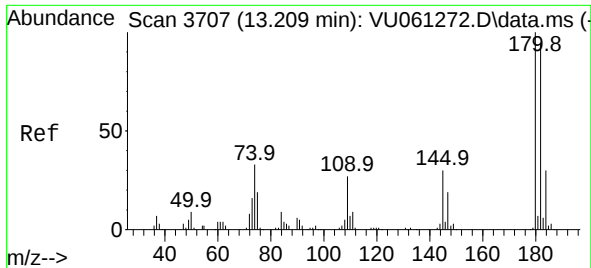
Ion Ratio Lower Upper

75 100

155 86.7 66.6 100.0

157 112.0 87.1 130.7





#69

1,3,5-Trichlorobenzene

Concen: 96.594 ug/L

RT: 13.209 min Scan# 31

Delta R.T. 0.000 min

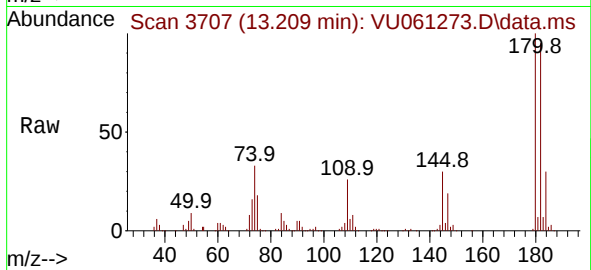
Lab File: VU061273.D

Acq: 28 Oct 2024 18:43

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 265486

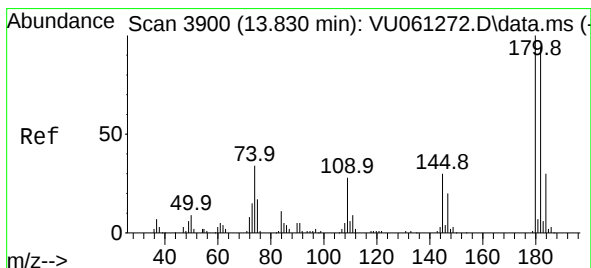
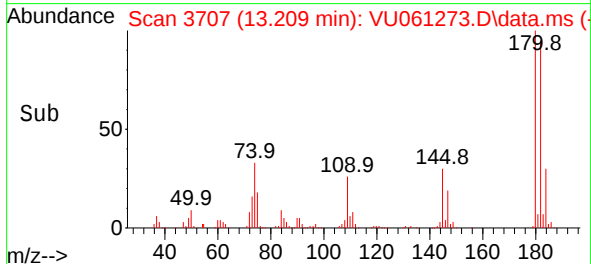
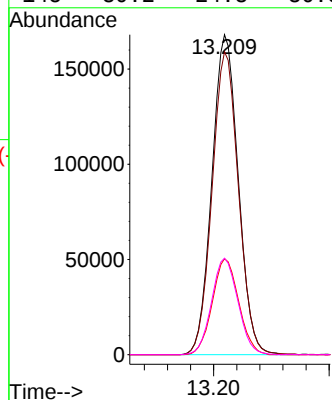
Ion Ratio Lower Upper

180 100

182 94.9 75.3 112.9

184 30.1 23.7 35.5

145 30.2 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 99.763 ug/L

RT: 13.830 min Scan# 3900

Delta R.T. 0.000 min

Lab File: VU061273.D

Acq: 28 Oct 2024 18:43

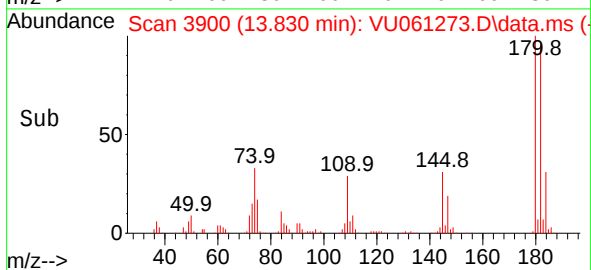
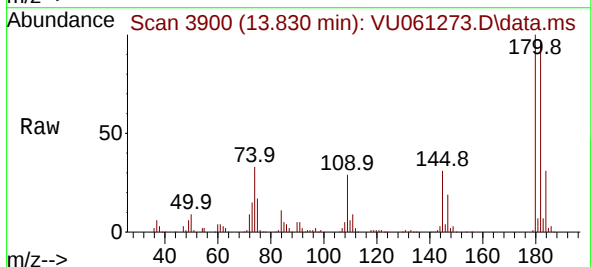
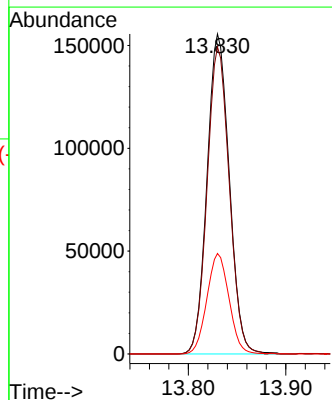
Tgt Ion:180 Resp: 246580

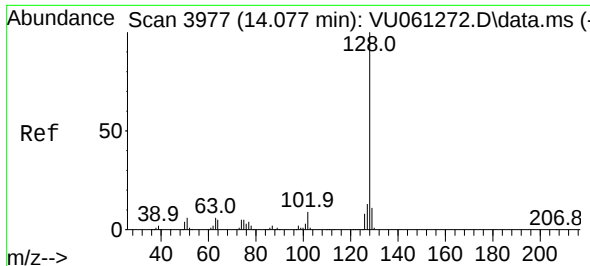
Ion Ratio Lower Upper

180 100

182 95.5 76.0 114.0

145 31.2 25.0 37.4

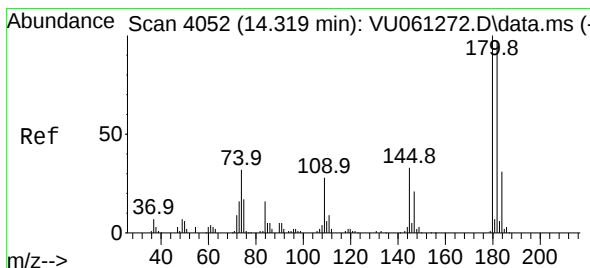
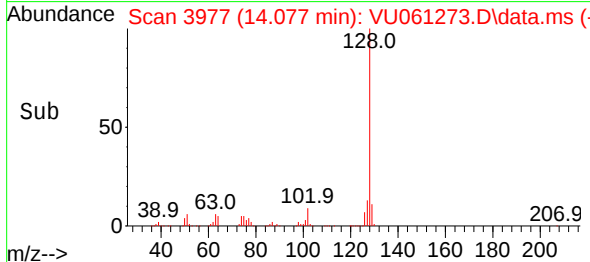
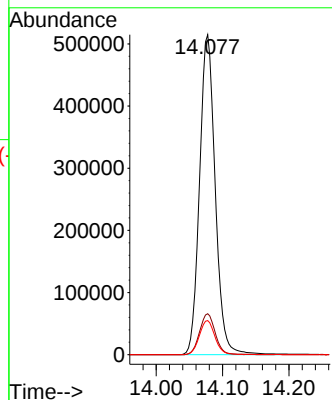
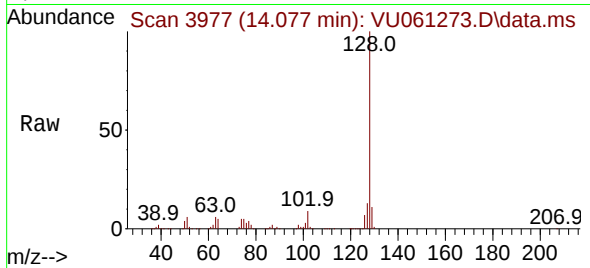




#71
Naphthalene
Concen: 116.990 ug/L
RT: 14.077 min Scan# 3977
Delta R.T. 0.000 min
Lab File: VU061273.D
Acq: 28 Oct 2024 18:43

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 844746
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.6 8.3 12.5



#72
1,2,3-Trichlorobenzene
Concen: 98.342 ug/L
RT: 14.319 min Scan# 4052
Delta R.T. 0.000 min
Lab File: VU061273.D
Acq: 28 Oct 2024 18:43

Tgt Ion:180 Resp: 240469
Ion Ratio Lower Upper
180 100
182 96.7 76.7 115.1
145 32.6 25.6 38.4

