

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
 Data File : VU061863.D
 Acq On : 20 Nov 2024 13:00
 Operator : MD/SY
 Sample : VSTD020
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 00:33:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 00:29:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	181270	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	201399	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	87762	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	178501	14.800	ug/L	0.00
7) Chloroethane-d5	1.898	69	158193	16.994	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.557	65	74799	14.100	ug/L	0.00
20) 2-Butanone-d5	4.605	46	613985	202.957	ug/L	0.00
24) Chloroform-d	5.049	84	450843	20.021	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.689	65	224774	19.060	ug/L	0.00
32) Benzene-d6	5.714	84	757173	14.902	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	262715	15.579	ug/L	0.00
41) Toluene-d8	7.888	98	652112	13.924	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.168	79	106471	15.071	ug/L	0.00
46) 2-Hexanone-d5	8.621	63	468330	160.026	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	246634	18.420	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.183	152	274804	20.513	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	321565	31.841	ug/L	99
3) Chloromethane	1.518	50	317283	23.798	ug/L	99
5) Vinyl chloride	1.599	62	336274	24.971	ug/L	100
6) Bromomethane	1.837	94	201314	27.267	ug/L	98
8) Chloroethane	1.920	64	202532	24.821	ug/L	98
9) Trichlorofluoromethane	2.129	101	428975	24.938	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	264852	23.654	ug/L	99
12) 1,1-Dichloroethene	2.570	96	246936	22.970	ug/L	99
13) Acetone	2.615	43	375247	191.217	ug/L	97
14) Carbon disulfide	2.782	76	799280	22.369	ug/L	99
15) Methyl Acetate	2.936	43	102076	21.148	ug/L	98
16) Methylene chloride	3.033	84	279308	22.748	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	656856	22.011	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	266834	22.912	ug/L	95
19) 1,1-Dichloroethane	3.853	63	505773	22.382	ug/L	99
21) 2-Butanone	4.685	43	661377	207.279	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	302341	23.305	ug/L	99
23) Bromochloromethane	4.962	128	127334	23.856	ug/L	97
25) Chloroform	5.074	83	532880	23.201	ug/L	100
27) 1,2-Dichloroethane	5.779	62	346933	23.191	ug/L	97
29) 1,1,1-Trichloroethane	5.303	97	457371	19.375	ug/L	99
30) Cyclohexane	5.377	56	489331	18.888	ug/L	97
31) Carbon tetrachloride	5.512	117	393807	19.770	ug/L	99
33) Benzene	5.762	78	1161089	19.327	ug/L	100
34) Trichloroethene	6.531	95	312573	19.152	ug/L	99
35) Methylcyclohexane	6.753	83	505272	19.483	ug/L	99
37) 1,2-Dichloropropane	6.778	63	305342	19.390	ug/L	98
38) Bromodichloromethane	7.094	83	382437	19.417	ug/L	99
39) cis-1,3-Dichloropropene	7.595	75	462560	19.135	ug/L	100
40) 4-Methyl-2-pentanone	7.778	43	1705400	175.334	ug/L	99
42) Toluene	7.958	91	1263615	19.652	ug/L	98
44) trans-1,3-Dichloropropene	8.200	75	378966	19.069	ug/L	99

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

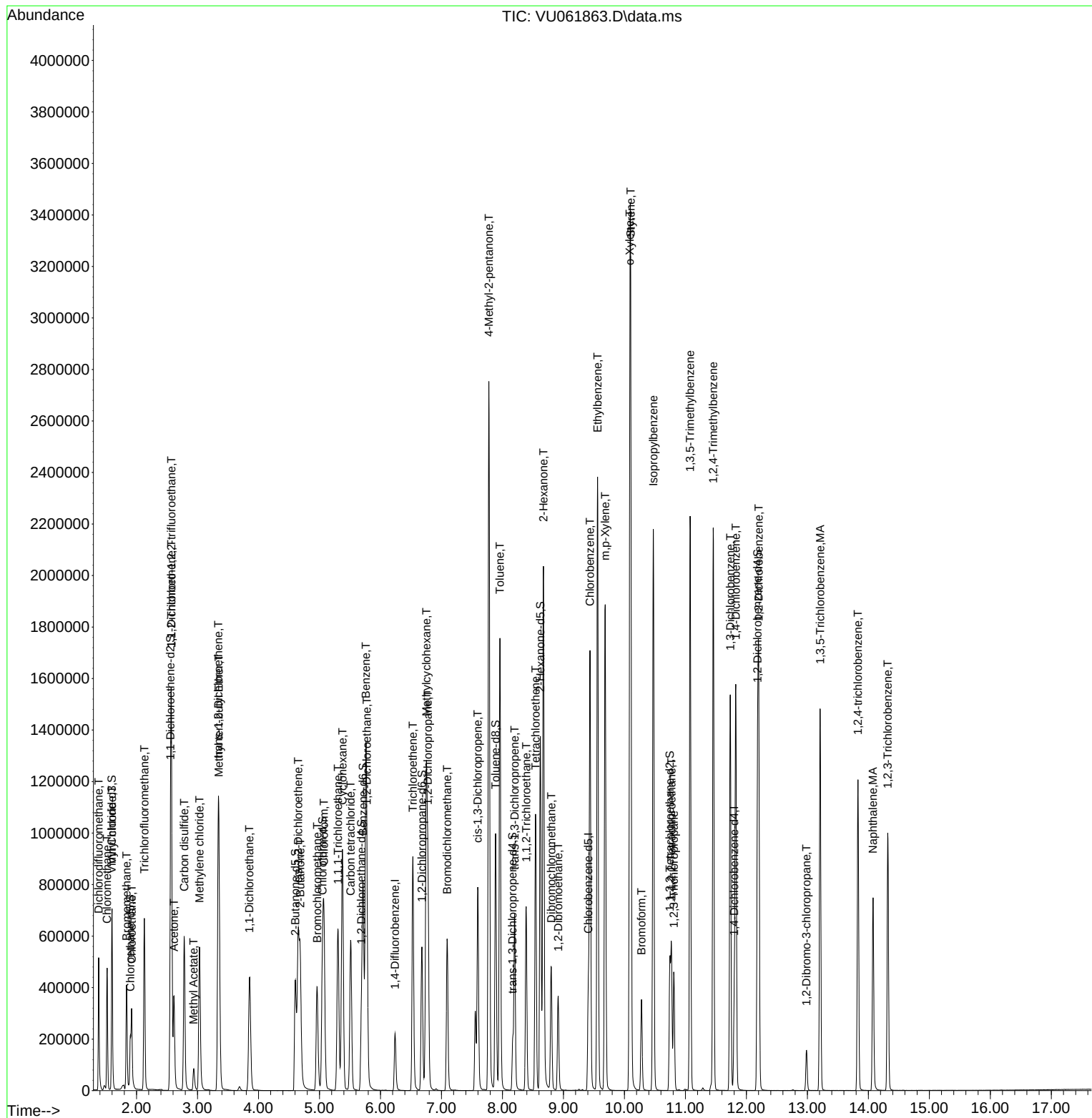
45) 1,1,2-Trichloroethane	8.389	97	217144	20.226	ug/L	100
47) Tetrachloroethene	8.544	164	219683	20.410	ug/L	97
48) 2-Hexanone	8.672	43	1235331	183.053	ug/L	99
49) Dibromochloromethane	8.801	129	242192	20.072	ug/L	95
50) 1,2-Dibromoethane	8.913	107	240805	24.030	ug/L	99
51) Chlorobenzene	9.438	112	894110	22.875	ug/L	100
52) Ethylbenzene	9.560	91	1666443	23.188	ug/L	99
53) m,p-Xylene	9.685	106	528015	20.018	ug/L	99
54) o-Xylene	10.090	106	586752	22.752	ug/L	100
55) Styrene	10.103	104	1020000	24.385	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	272639	19.641	ug/L	99
59) Bromoform	10.280	173	154619	25.723	ug/L	99
60) Isopropylbenzene	10.476	105	1404953	23.383	ug/L	99
61) 1,2,3-Trichloropropane	10.810	75	188174	21.454	ug/L	98
62) 1,3,5-Trimethylbenzene	11.077	105	1181383	22.659	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	1167720	22.706	ug/L	100
64) 1,3-Dichlorobenzene	11.736	146	601305	23.359	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	588087	23.117	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	555152	24.276	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.984	75	41377	23.236	ug/L	99
69) 1,3,5-Trichlorobenzene	13.209	180	420014	24.540	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	343561	26.152	ug/L	98
71) Naphthalene	14.077	128	592158	28.135	ug/L	99
72) 1,2,3-Trichlorobenzene	14.318	180	287898	26.262	ug/L	99

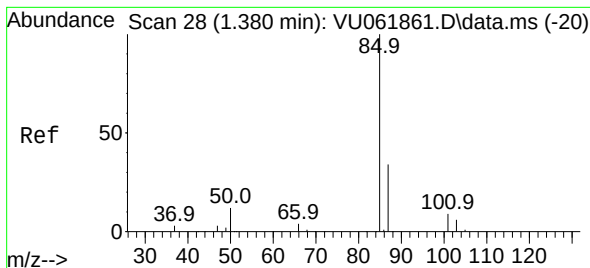
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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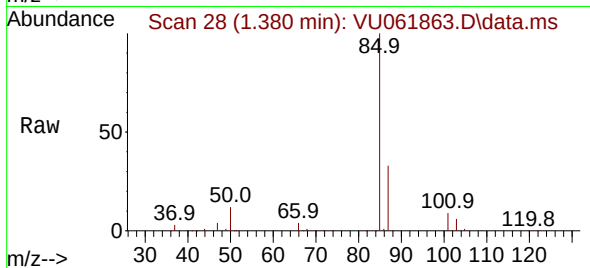
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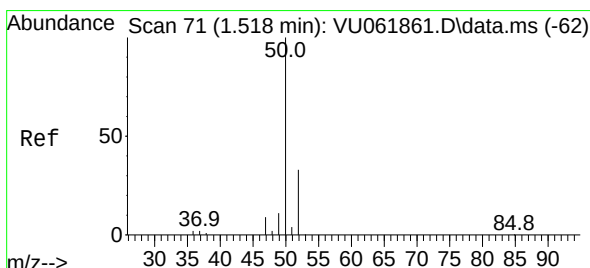
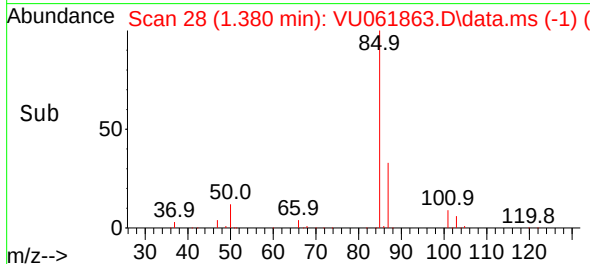
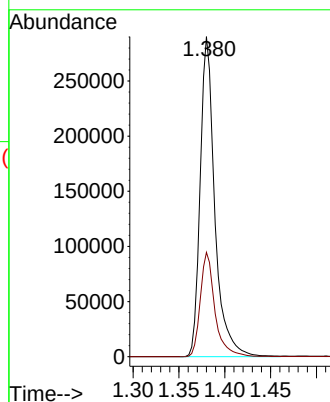


#2
Dichlorodifluoromethane
Concen: 31.841 ug/L
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU061863.D
Acq: 20 Nov 2024 13:00

Instrument :
MSVOA_U
ClientSampleId :

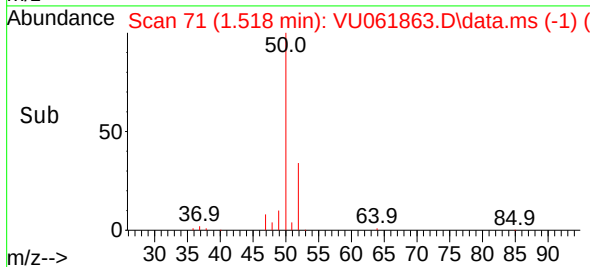
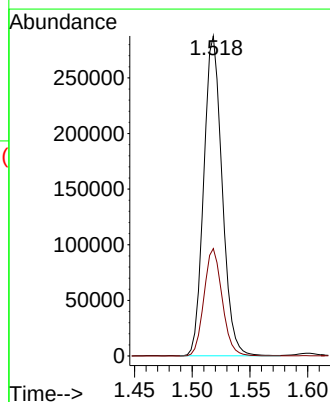
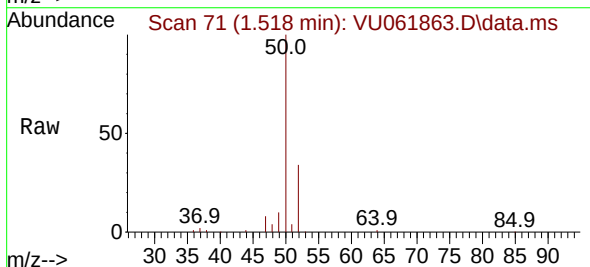


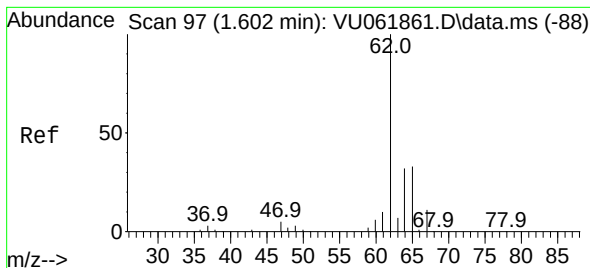
Tgt Ion: 85 Resp: 321565
Ion Ratio Lower Upper
85 100
87 32.7 26.6 40.0



#3
Chloromethane
Concen: 23.798 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU061863.D
Acq: 20 Nov 2024 13:00

Tgt Ion: 50 Resp: 317283
Ion Ratio Lower Upper
50 100
52 33.5 23.1 42.9





#5

Vinyl chloride

Concen: 24.971 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.003 min

Lab File: VU061863.D

Acq: 20 Nov 2024 13:00

Instrument :

MSVOA_U

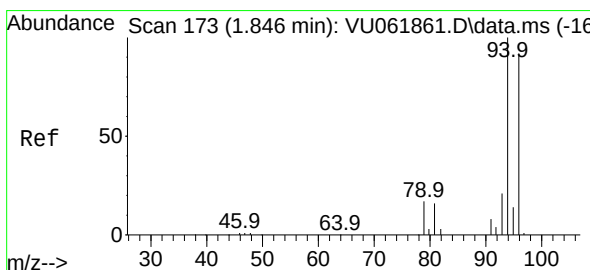
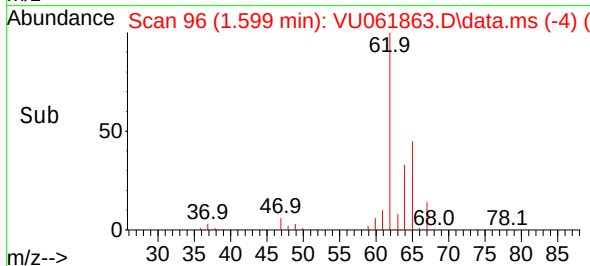
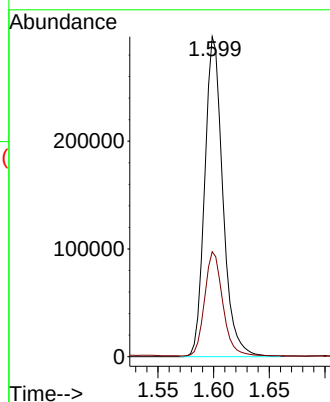
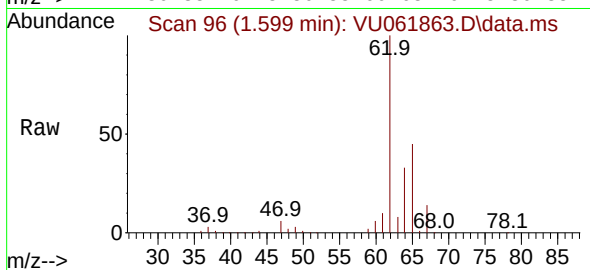
ClientSampleId :

Tgt Ion: 62 Resp: 336274

Ion Ratio Lower Upper

62 100

64 32.8 23.1 42.9



#6

Bromomethane

Concen: 27.267 ug/L

RT: 1.837 min Scan# 170

Delta R.T. -0.010 min

Lab File: VU061863.D

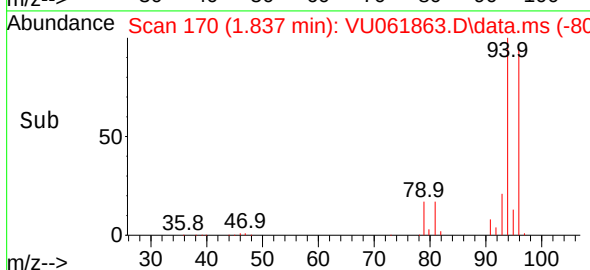
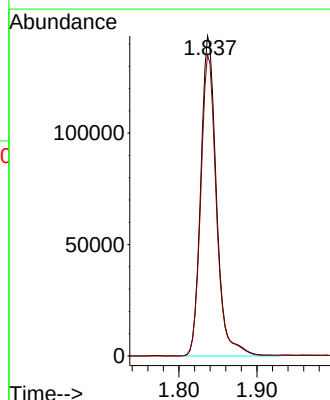
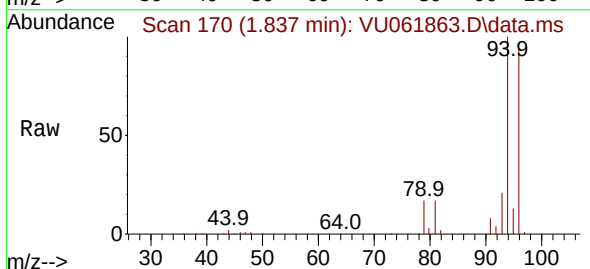
Acq: 20 Nov 2024 13:00

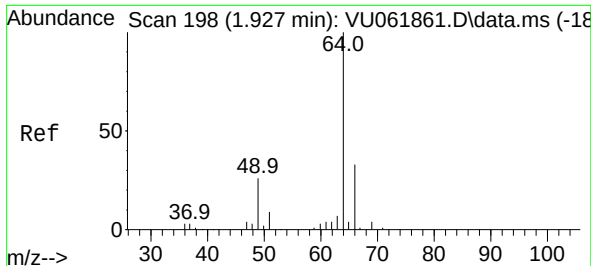
Tgt Ion: 94 Resp: 201314

Ion Ratio Lower Upper

94 100

96 94.2 64.5 119.9

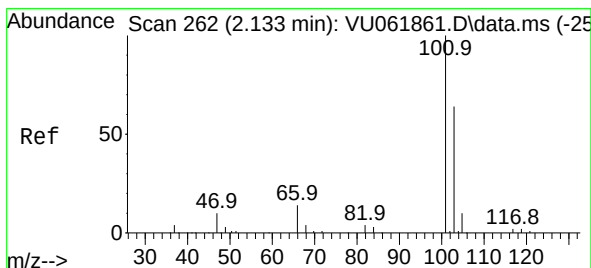
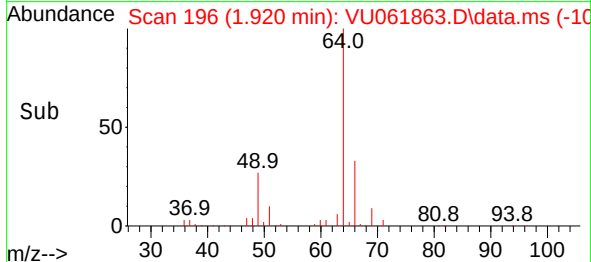
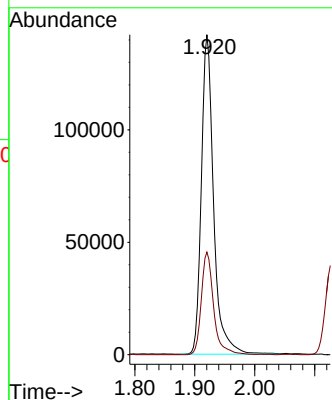
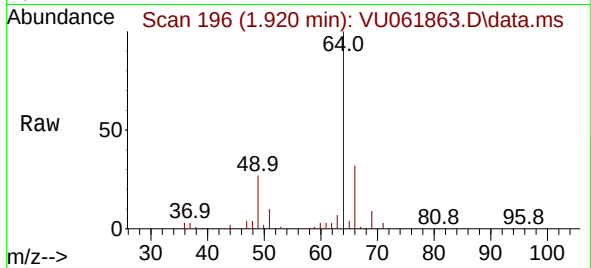




#8
Chloroethane
Concen: 24.821 ug/L
RT: 1.920 min Scan# 196
Delta R.T. -0.007 min
Lab File: VU061863.D
Acq: 20 Nov 2024 13:00

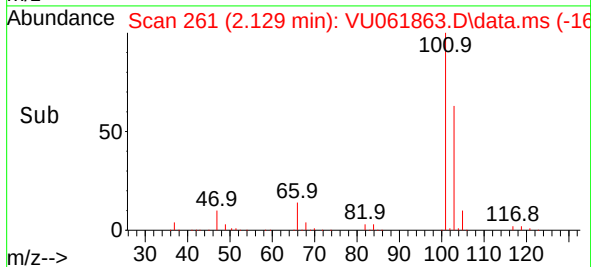
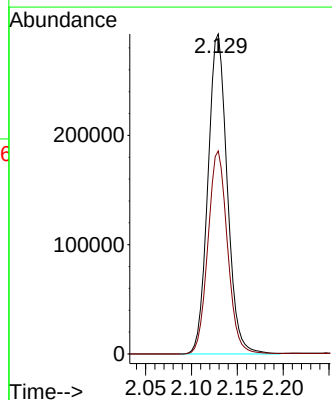
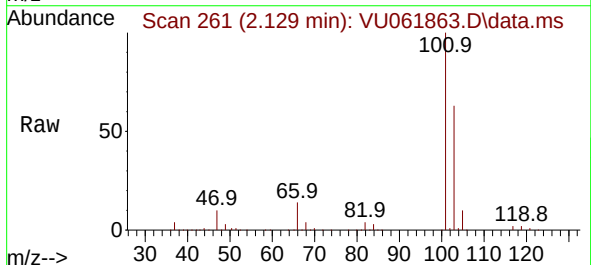
Instrument :
MSVOA_U
ClientSampleId :

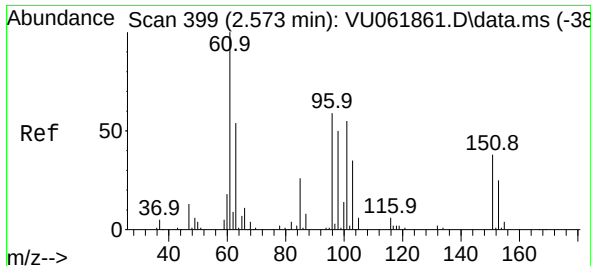
Tgt Ion: 64 Resp: 202532
Ion Ratio Lower Upper
64 100
66 32.0 23.2 43.2



#9
Trichlorofluoromethane
Concen: 24.938 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.003 min
Lab File: VU061863.D
Acq: 20 Nov 2024 13:00

Tgt Ion:101 Resp: 428975
Ion Ratio Lower Upper
101 100
103 64.2 50.6 75.8

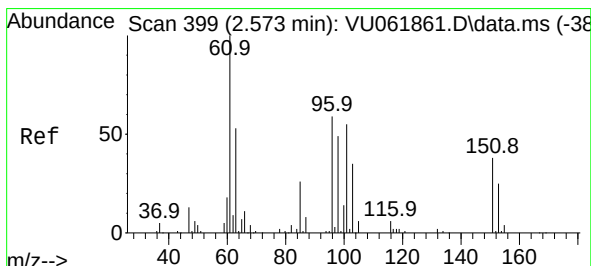
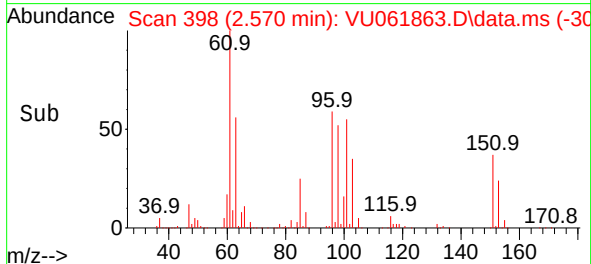
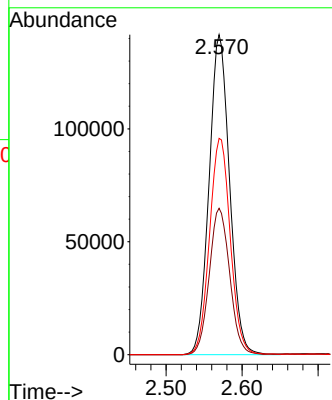
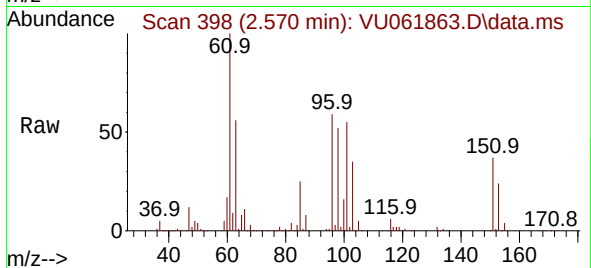




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.654 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU061863.D
Acq: 20 Nov 2024 13:00

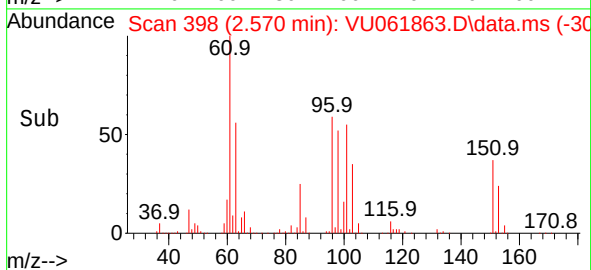
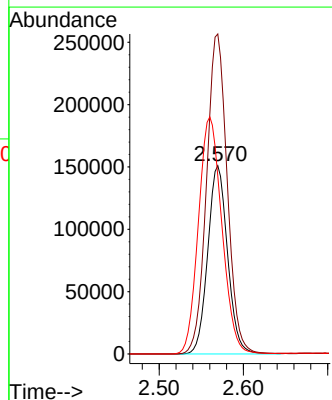
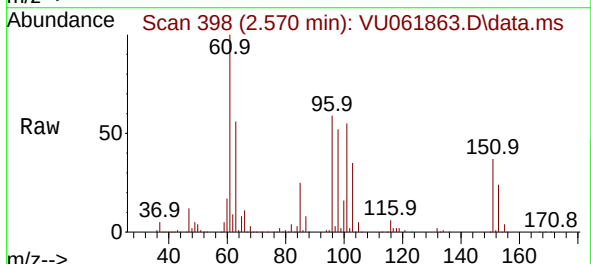
Instrument :
MSVOA_U
ClientSampleId :

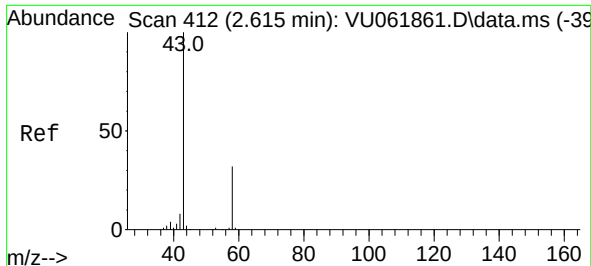
Tgt Ion:101 Resp: 264852
Ion Ratio Lower Upper
101 100
85 45.8 38.0 57.0
151 68.6 55.3 82.9



#12
1,1-Dichloroethene
Concen: 22.970 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU061863.D
Acq: 20 Nov 2024 13:00

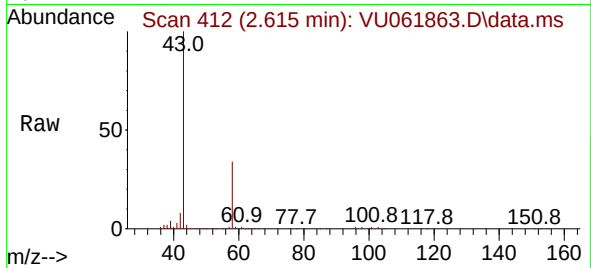
Tgt Ion: 96 Resp: 246936
Ion Ratio Lower Upper
96 100
61 169.9 119.6 222.2
63 94.5 65.0 120.6



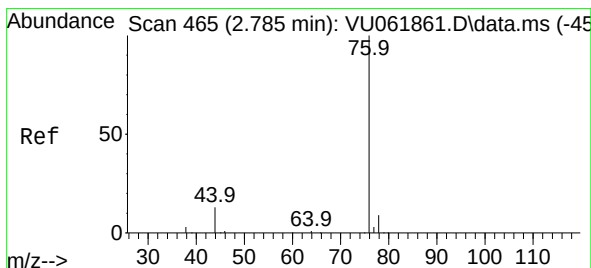
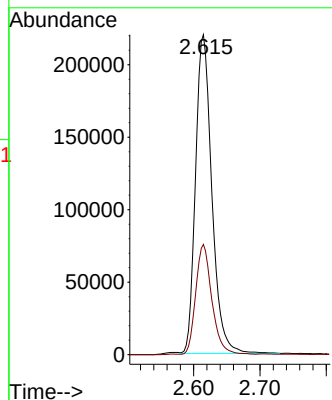
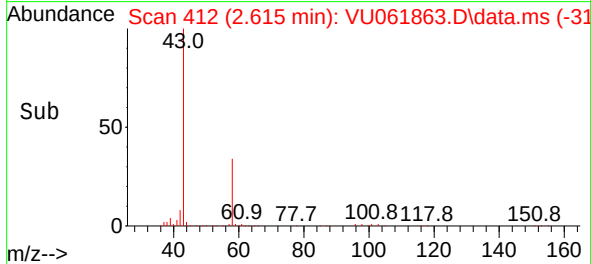


#13
Acetone
Concen: 191.217 ug/L
RT: 2.615 min Scan# 412
Delta R.T. -0.000 min
Lab File: VU061863.D
Acq: 20 Nov 2024 13:00

Instrument :
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ClientSampleId :

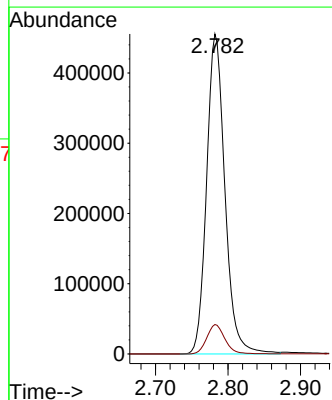
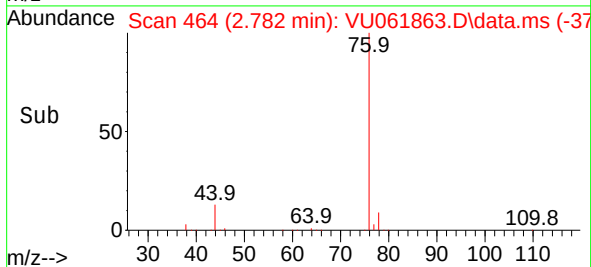
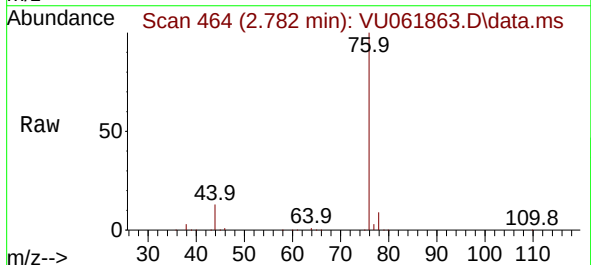


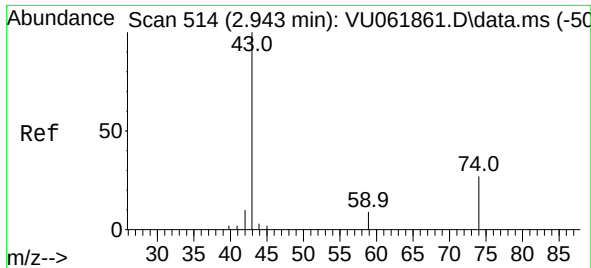
Tgt Ion: 43 Resp: 375247
Ion Ratio Lower Upper
43 100
58 33.9 0.0 64.0



#14
Carbon disulfide
Concen: 22.369 ug/L
RT: 2.782 min Scan# 464
Delta R.T. -0.003 min
Lab File: VU061863.D
Acq: 20 Nov 2024 13:00

Tgt Ion: 76 Resp: 799280
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

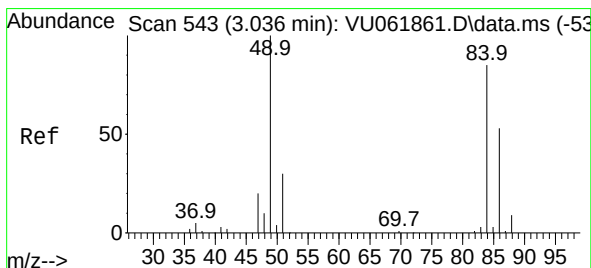
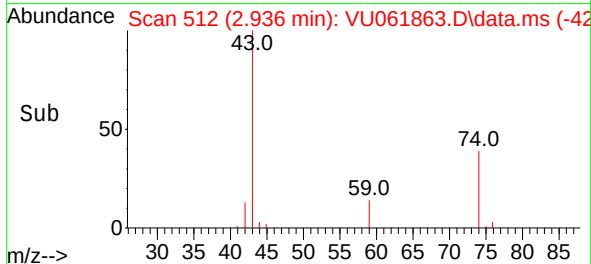
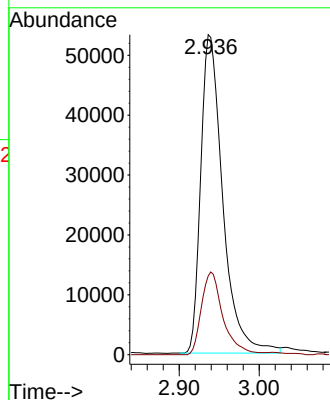
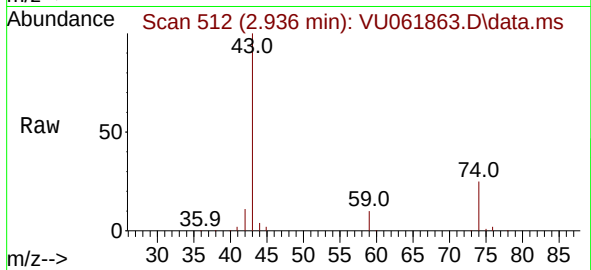




#15
Methyl Acetate
Concen: 21.148 ug/L
RT: 2.936 min Scan# 514
Delta R.T. -0.007 min
Lab File: VU061863.D
Acq: 20 Nov 2024 13:00

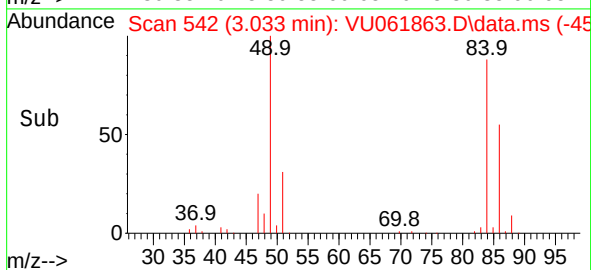
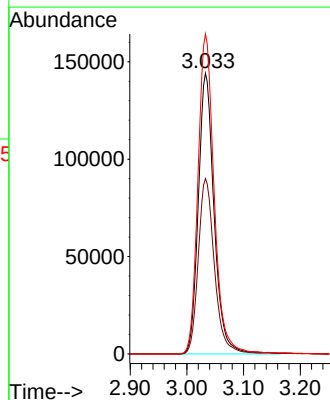
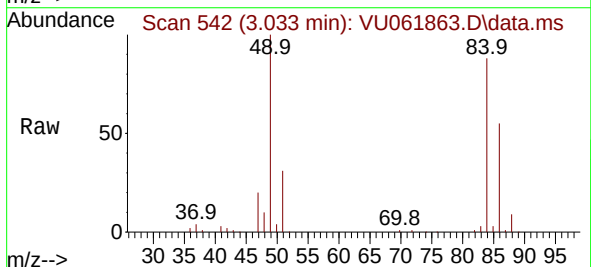
Instrument :
MSVOA_U
ClientSampleId :

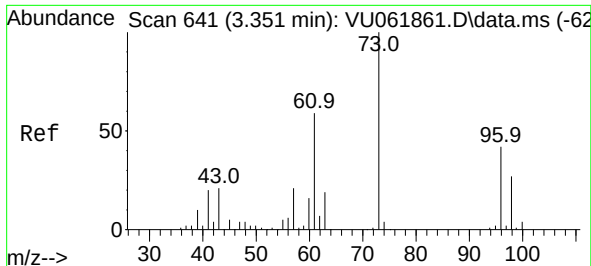
Tgt Ion: 43 Resp: 102076
Ion Ratio Lower Upper
43 100
74 25.4 19.4 29.2



#16
Methylene chloride
Concen: 22.748 ug/L
RT: 3.033 min Scan# 542
Delta R.T. -0.003 min
Lab File: VU061863.D
Acq: 20 Nov 2024 13:00

Tgt Ion: 84 Resp: 279308
Ion Ratio Lower Upper
84 100
86 62.5 43.5 80.7
49 114.0 81.9 152.1

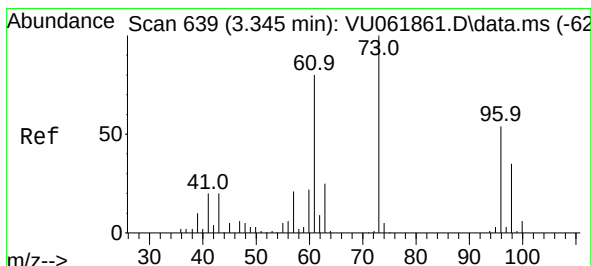
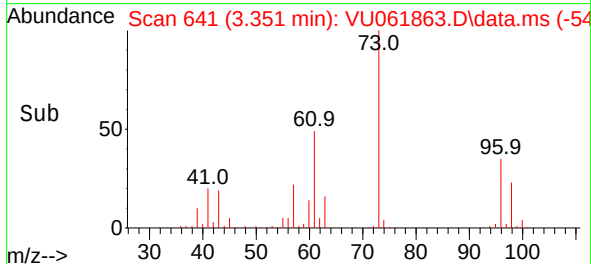
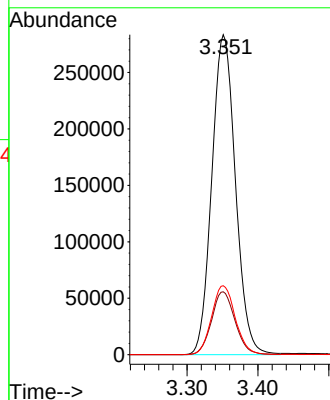
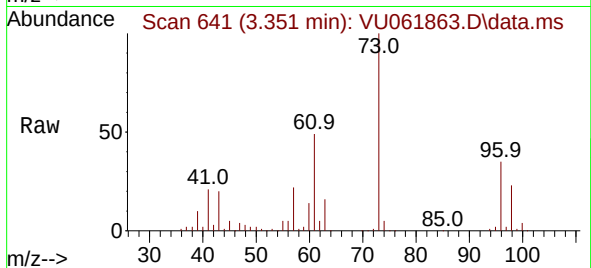




#17
Methyl tert-butyl Ether
Concen: 22.011 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU061863.D
Acq: 20 Nov 2024 13:00

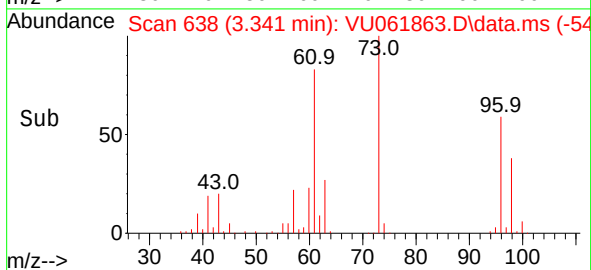
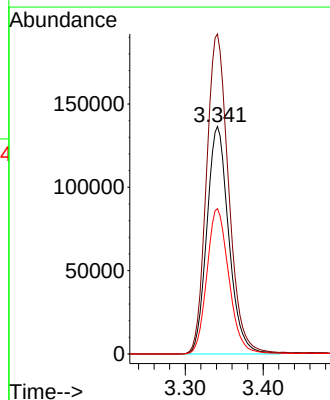
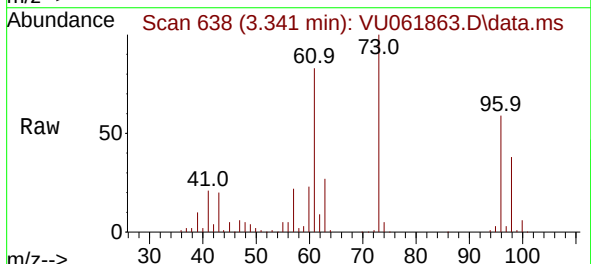
Instrument :
MSVOA_U
ClientSampleId :

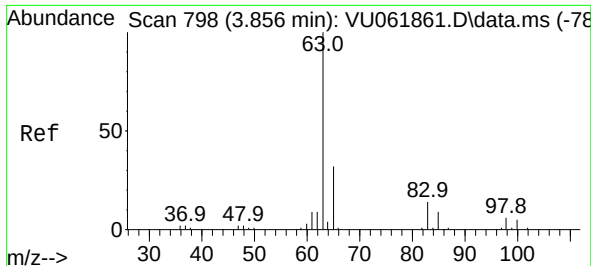
Tgt Ion: 73 Resp: 656856
Ion Ratio Lower Upper
73 100
43 19.5 16.3 24.5
57 21.6 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 22.912 ug/L
RT: 3.341 min Scan# 638
Delta R.T. -0.003 min
Lab File: VU061863.D
Acq: 20 Nov 2024 13:00

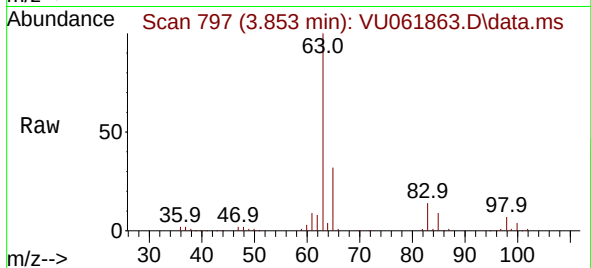
Tgt Ion: 96 Resp: 266834
Ion Ratio Lower Upper
96 100
61 140.6 104.2 193.4
98 63.8 45.7 84.9



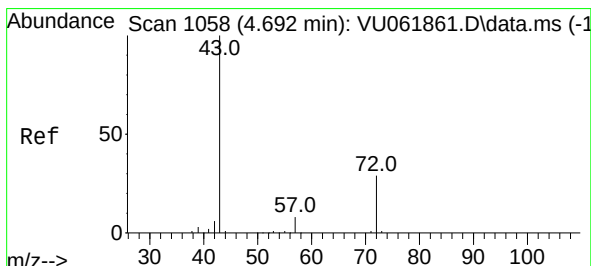
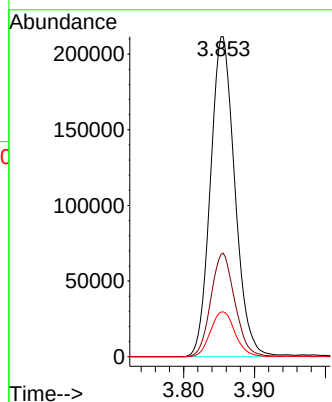
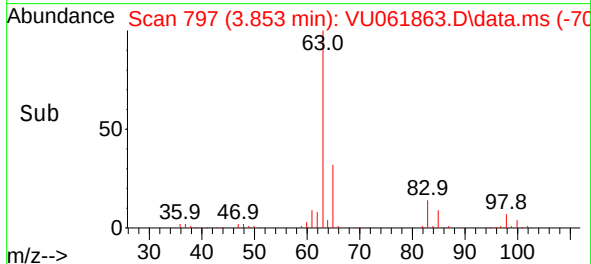


#19
1,1-Dichloroethane
Concen: 22.382 ug/L
RT: 3.853 min Scan# 798
Delta R.T. -0.003 min
Lab File: VU061863.D
Acq: 20 Nov 2024 13:00

Instrument :
MSVOA_U
ClientSampleId :

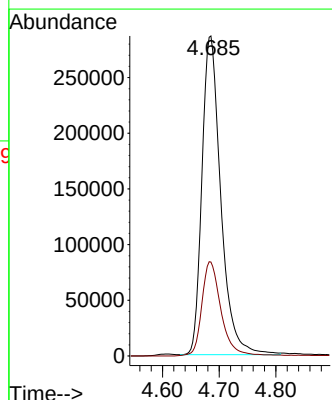
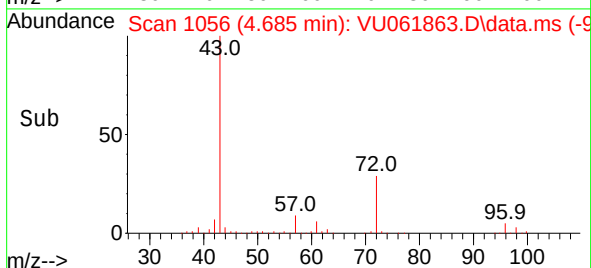
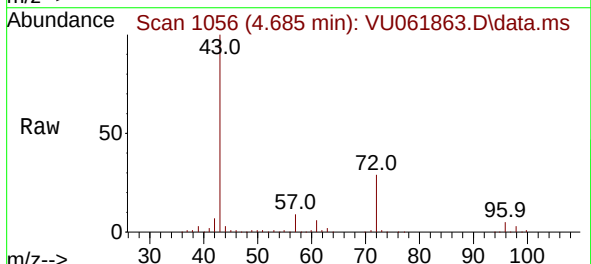


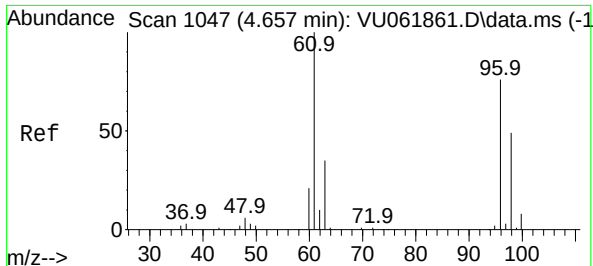
Tgt Ion: 63 Resp: 505773
Ion Ratio Lower Upper
63 100
65 31.9 22.7 42.3
83 13.9 9.9 18.3



#21
2-Butanone
Concen: 207.279 ug/L
RT: 4.685 min Scan# 1056
Delta R.T. -0.007 min
Lab File: VU061863.D
Acq: 20 Nov 2024 13:00

Tgt Ion: 43 Resp: 661377
Ion Ratio Lower Upper
43 100
72 30.3 14.8 44.4





#22

cis-1,2-Dichloroethene

Concen: 23.305 ug/L

RT: 4.653 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU061863.D

Acq: 20 Nov 2024 13:00

Instrument :

MSVOA_U

ClientSampleId :

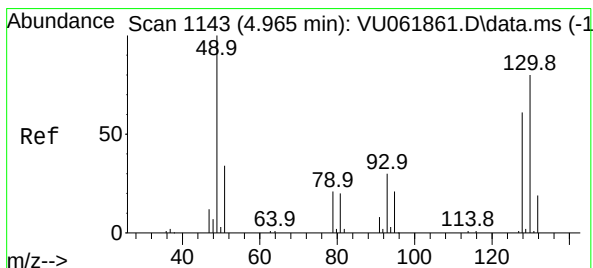
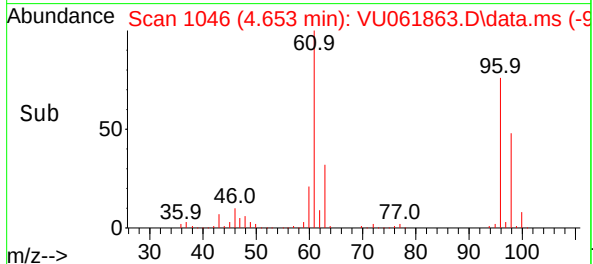
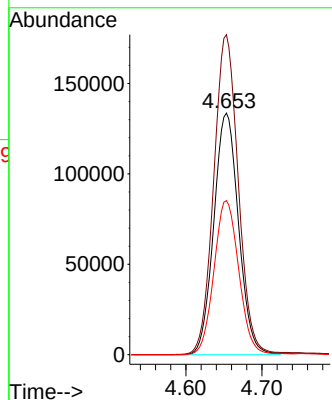
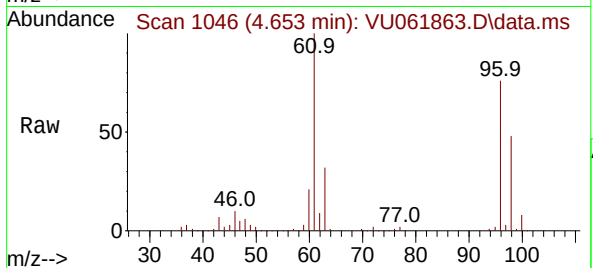
Tgt Ion: 96 Resp: 302341

Ion Ratio Lower Upper

96 100

61 132.4 92.0 170.8

98 63.8 44.5 82.7



#23

Bromochloromethane

Concen: 23.856 ug/L

RT: 4.962 min Scan# 1142

Delta R.T. -0.003 min

Lab File: VU061863.D

Acq: 20 Nov 2024 13:00

Tgt Ion:128 Resp: 127334

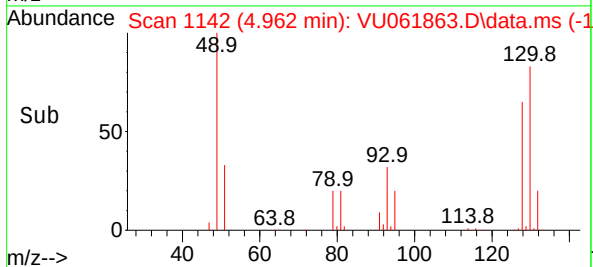
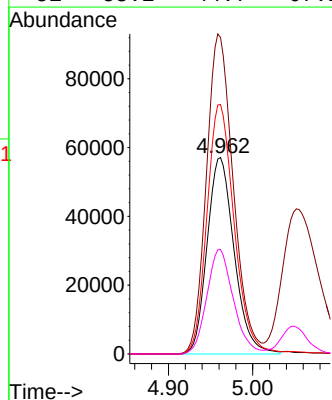
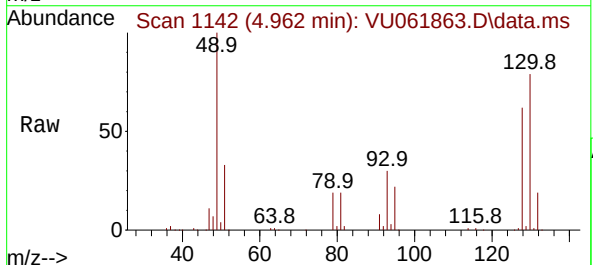
Ion Ratio Lower Upper

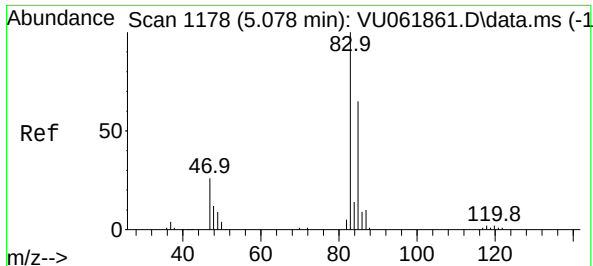
128 100

49 161.1 115.3 214.1

130 127.0 92.0 170.8

51 53.2 44.7 67.1





#25

Chloroform

Concen: 23.201 ug/L

RT: 5.074 min Scan# 1177

Delta R.T. -0.003 min

Lab File: VU061863.D

Acq: 20 Nov 2024 13:00

Instrument :

MSVOA_U

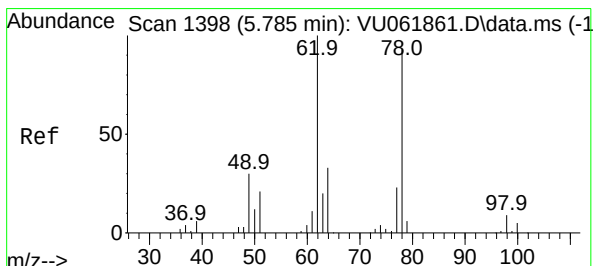
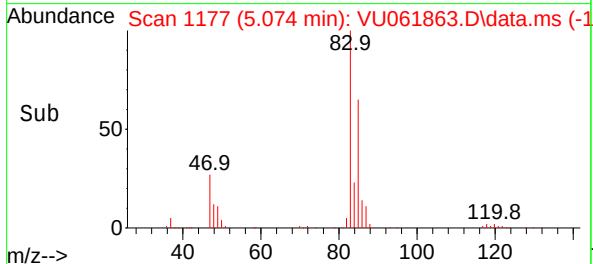
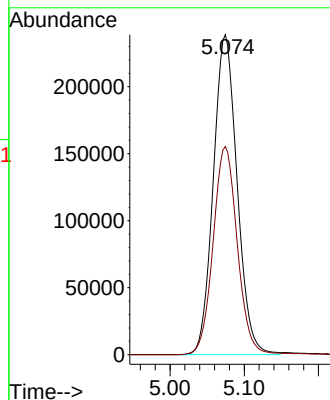
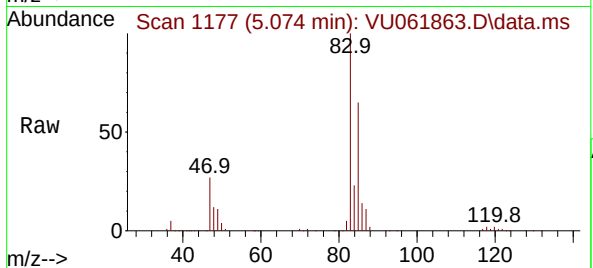
ClientSampleId :

Tgt Ion: 83 Resp: 532880

Ion Ratio Lower Upper

83 100

85 65.0 45.4 84.2



#27

1,2-Dichloroethane

Concen: 23.191 ug/L

RT: 5.779 min Scan# 1396

Delta R.T. -0.007 min

Lab File: VU061863.D

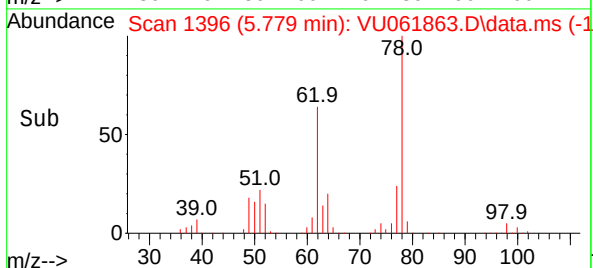
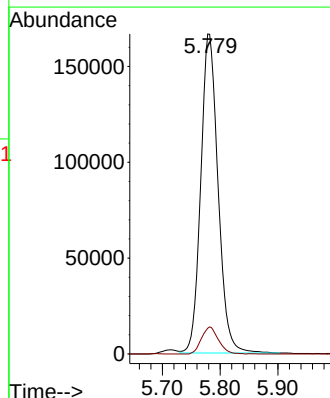
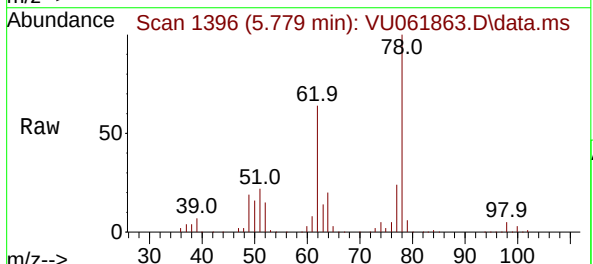
Acq: 20 Nov 2024 13:00

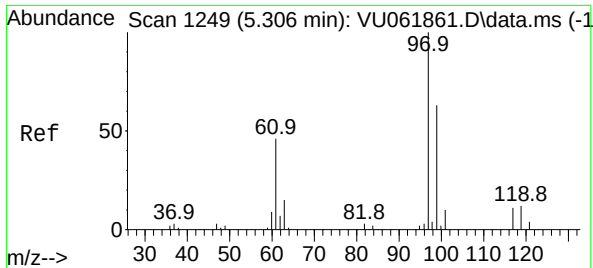
Tgt Ion: 62 Resp: 346933

Ion Ratio Lower Upper

62 100

98 8.0 7.4 11.0

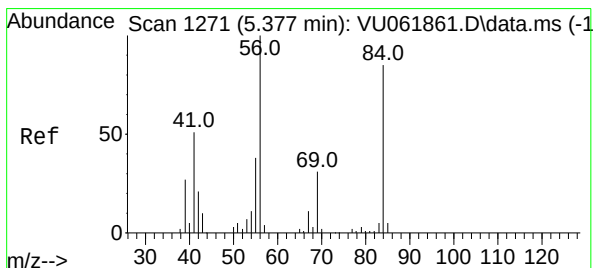
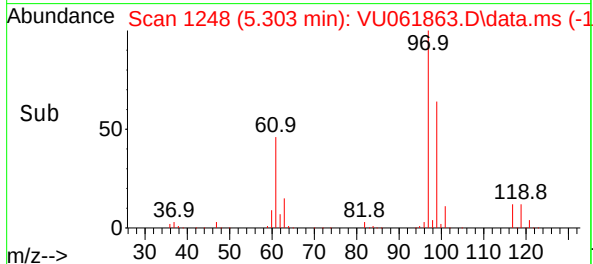
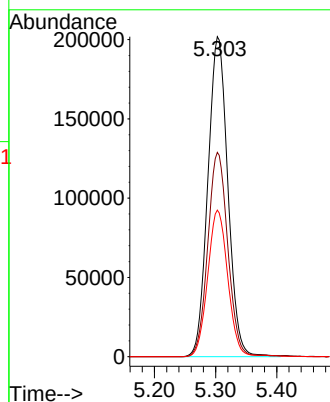
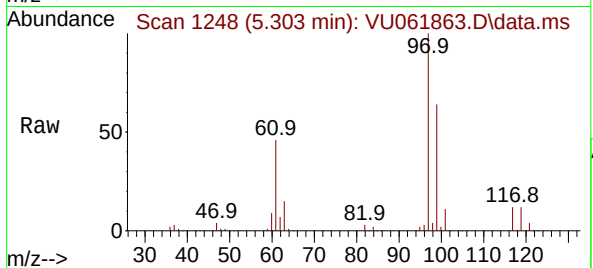




#29
1,1,1-Trichloroethane
Concen: 19.375 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. -0.003 min
Lab File: VU061863.D
Acq: 20 Nov 2024 13:00

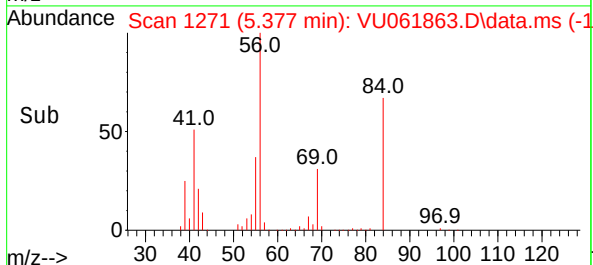
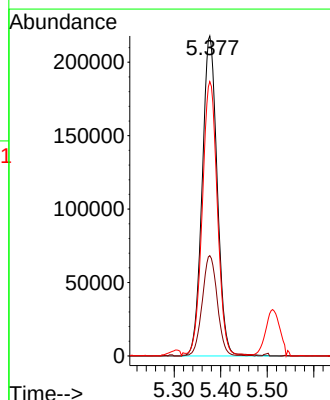
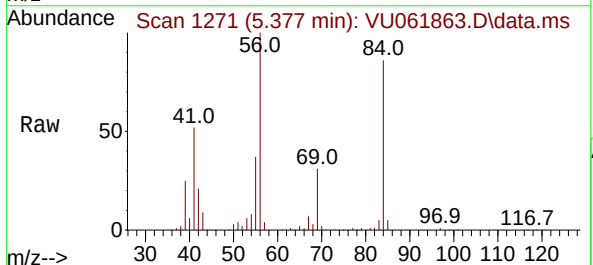
Instrument :
MSVOA_U
ClientSampleId :

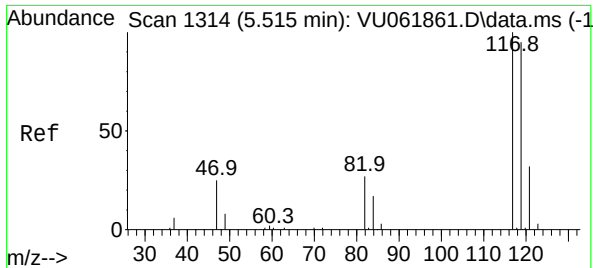
Tgt Ion: 97 Resp: 457371
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.2
61 46.0 37.8 56.6



#30
Cyclohexane
Concen: 18.888 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VU061863.D
Acq: 20 Nov 2024 13:00

Tgt Ion: 56 Resp: 489331
Ion Ratio Lower Upper
56 100
69 31.5 25.1 37.7
84 84.9 70.6 105.8

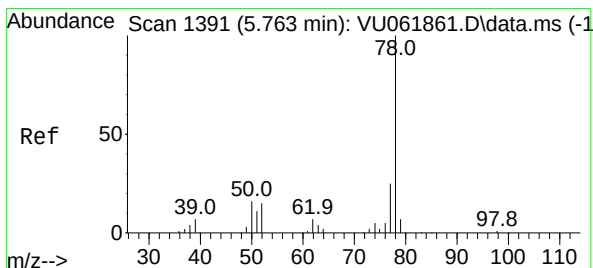
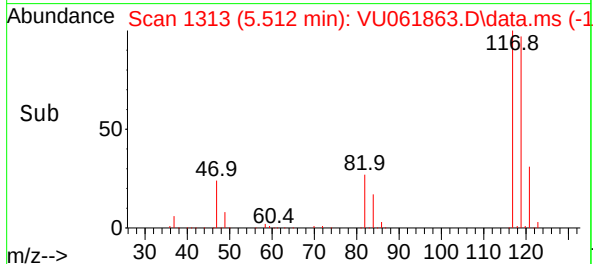
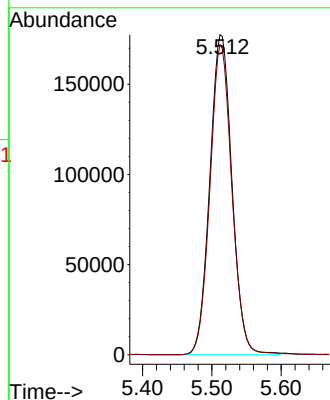
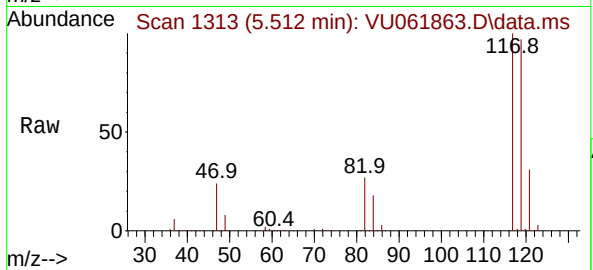




#31
Carbon tetrachloride
Concen: 19.770 ug/L
RT: 5.512 min Scan# 1314
Delta R.T. -0.003 min
Lab File: VU061863.D
Acq: 20 Nov 2024 13:00

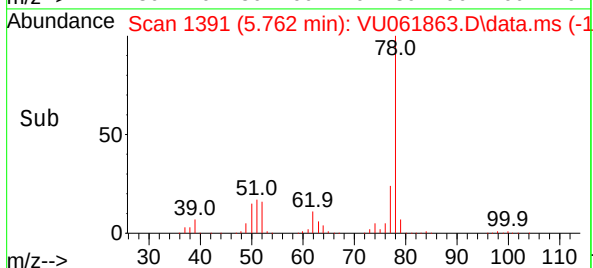
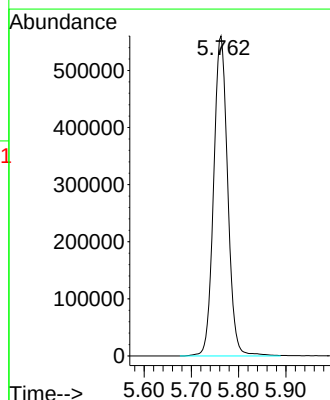
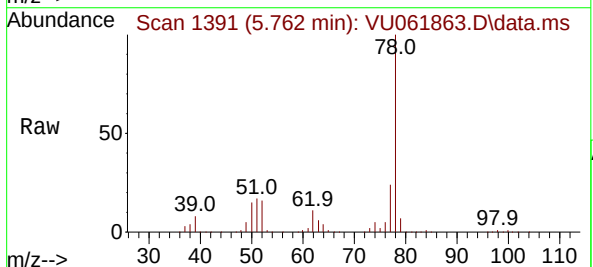
Instrument :
MSVOA_U
ClientSampleId :

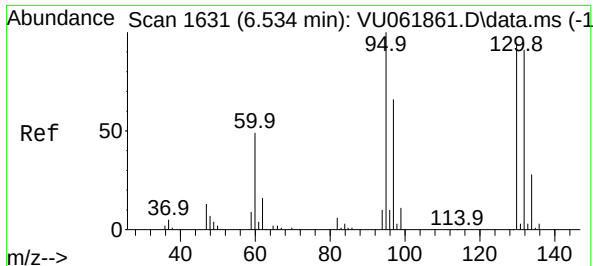
Tgt Ion:117 Resp: 393807
Ion Ratio Lower Upper
117 100
119 95.7 77.5 116.3



#33
Benzene
Concen: 19.327 ug/L
RT: 5.762 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VU061863.D
Acq: 20 Nov 2024 13:00

Tgt Ion: 78 Resp: 1161089





#34

Trichloroethene

Concen: 19.152 ug/L

RT: 6.531 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU061863.D

Acq: 20 Nov 2024 13:00

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 312573

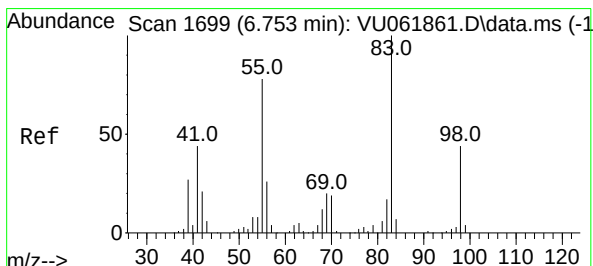
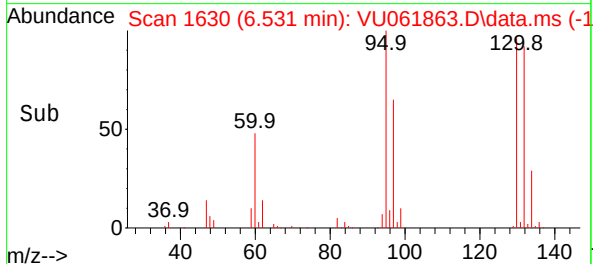
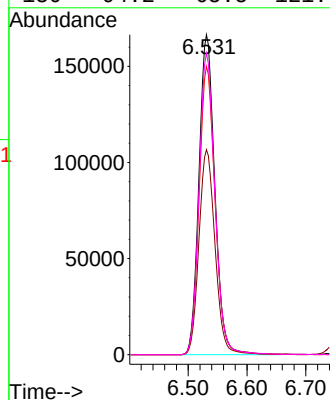
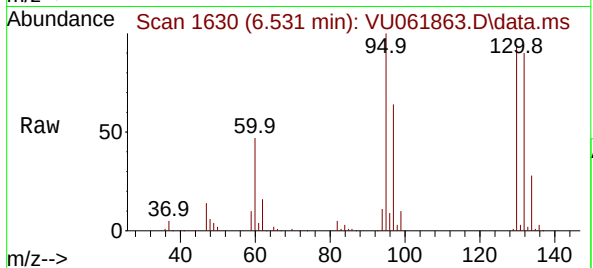
Ion Ratio Lower Upper

95 100

97 64.0 45.9 85.3

132 90.1 63.8 118.4

130 94.2 65.5 121.7



#35

Methylcyclohexane

Concen: 19.483 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VU061863.D

Acq: 20 Nov 2024 13:00

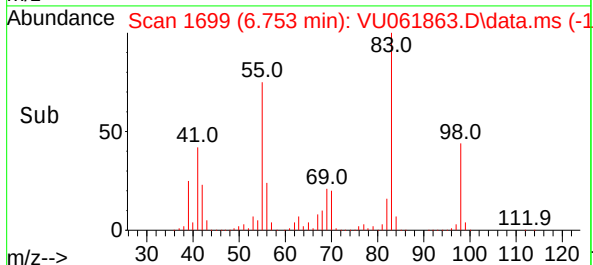
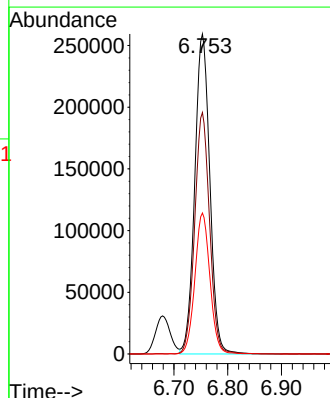
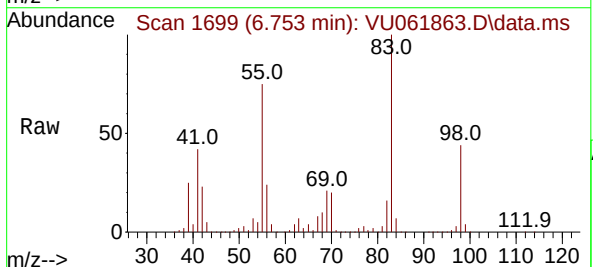
Tgt Ion: 83 Resp: 505272

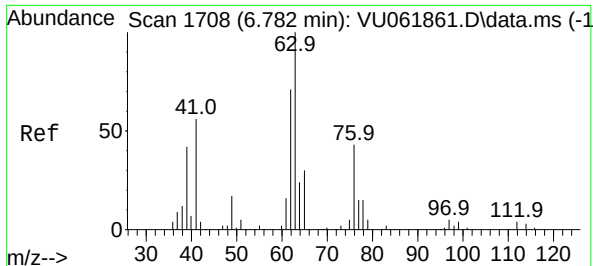
Ion Ratio Lower Upper

83 100

55 74.4 60.7 91.1

98 44.1 34.8 52.2

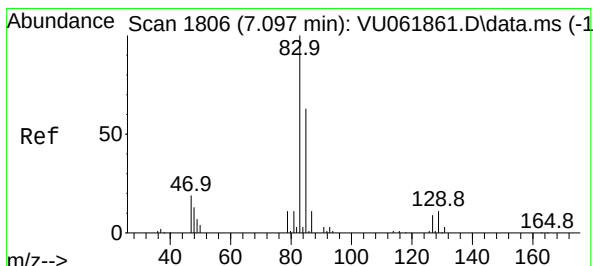
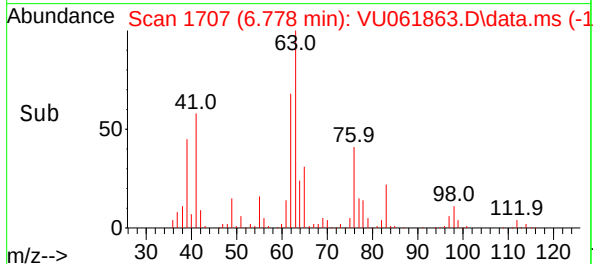
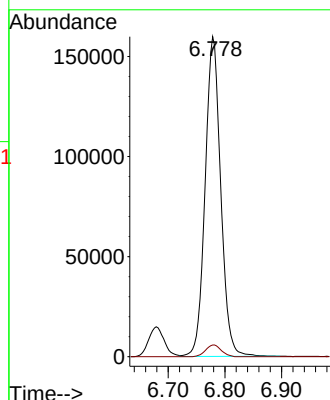
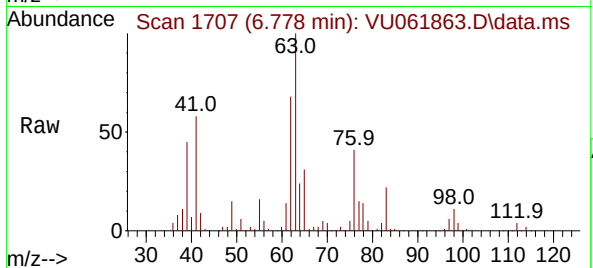




#37
1,2-Dichloropropane
Concen: 19.390 ug/L
RT: 6.778 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU061863.D
Acq: 20 Nov 2024 13:00

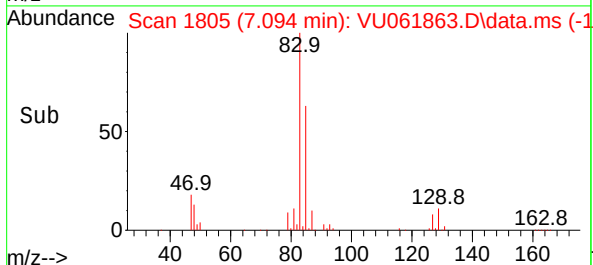
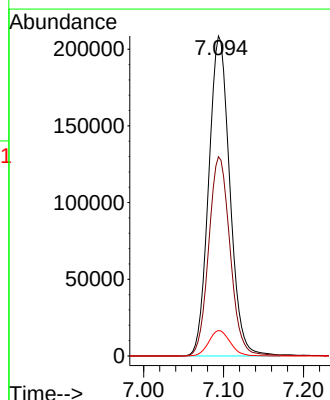
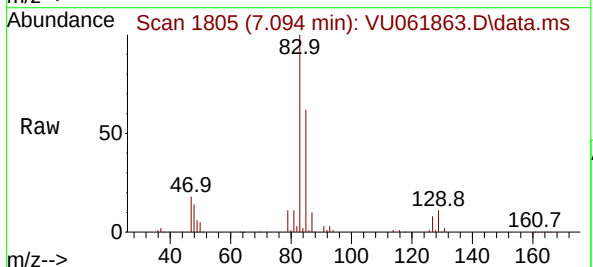
Instrument :
MSVOA_U
ClientSampleId :

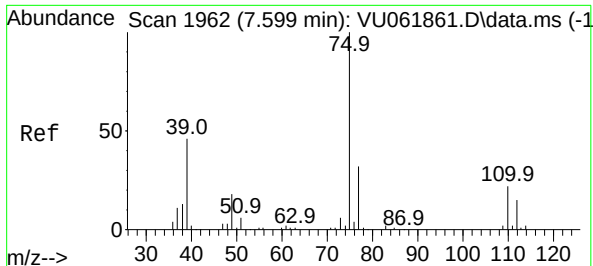
Tgt Ion: 63 Resp: 305342
Ion Ratio Lower Upper
63 100
112 3.7 3.4 5.0



#38
Bromodichloromethane
Concen: 19.417 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. -0.003 min
Lab File: VU061863.D
Acq: 20 Nov 2024 13:00

Tgt Ion: 83 Resp: 382437
Ion Ratio Lower Upper
83 100
85 62.3 44.1 81.9
127 7.9 6.9 10.3

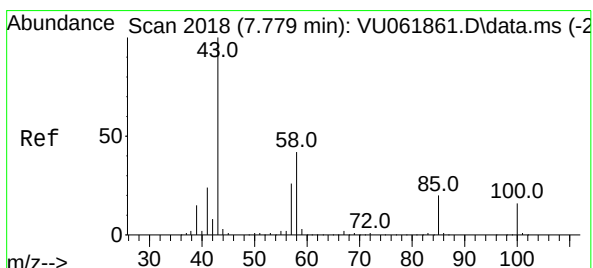
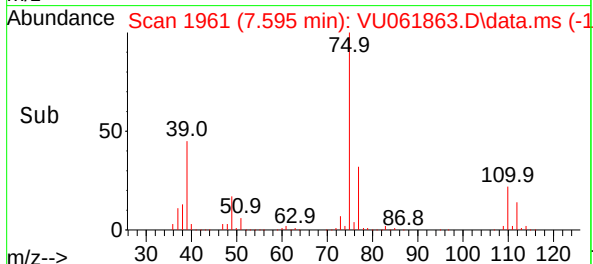
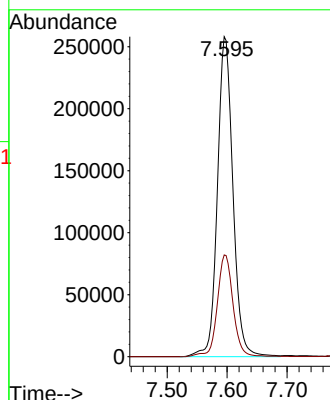
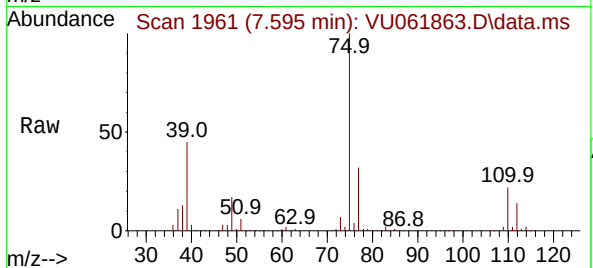




#39
 cis-1,3-Dichloropropene
 Concen: 19.135 ug/L
 RT: 7.595 min Scan# 1962
 Delta R.T. -0.003 min
 Lab File: VU061863.D
 Acq: 20 Nov 2024 13:00

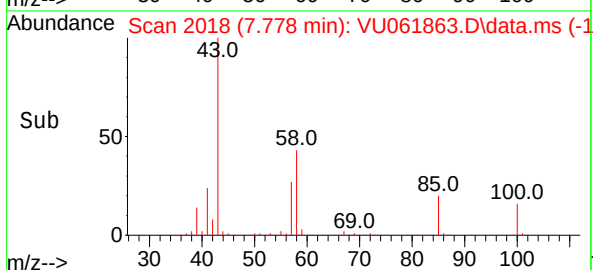
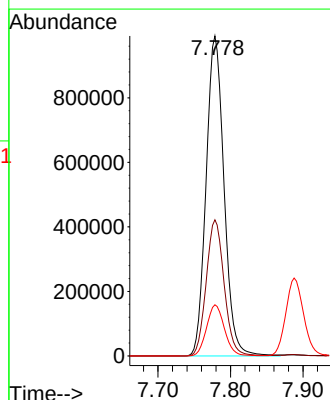
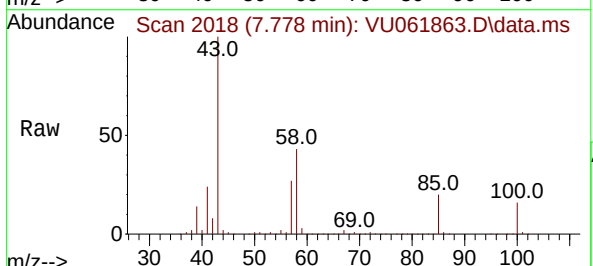
Instrument :
 MSVOA_U
 ClientSampleId :

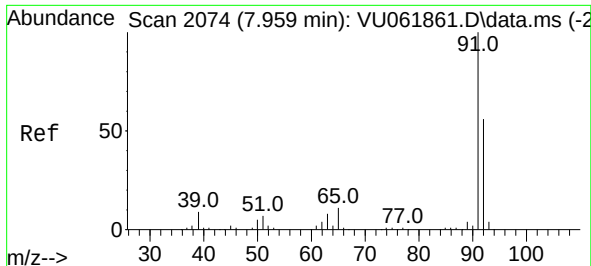
Tgt Ion: 75 Resp: 462560
 Ion Ratio Lower Upper
 75 100
 77 31.8 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 175.334 ug/L
 RT: 7.778 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VU061863.D
 Acq: 20 Nov 2024 13:00

Tgt Ion: 43 Resp: 1705400
 Ion Ratio Lower Upper
 43 100
 58 42.5 33.3 49.9
 100 15.9 12.4 18.6





#42

Toluene

Concen: 19.652 ug/L

RT: 7.958 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VU061863.D

Acq: 20 Nov 2024 13:00

Instrument :

MSVOA_U

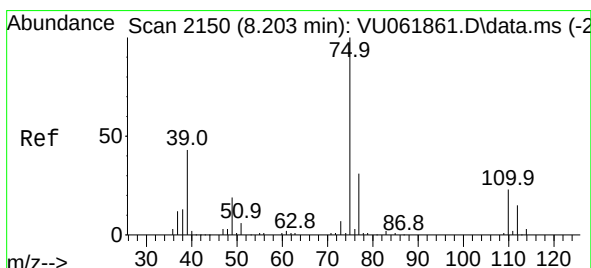
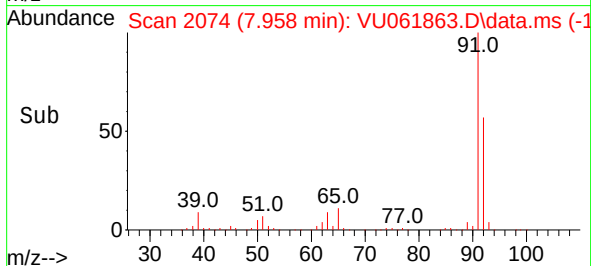
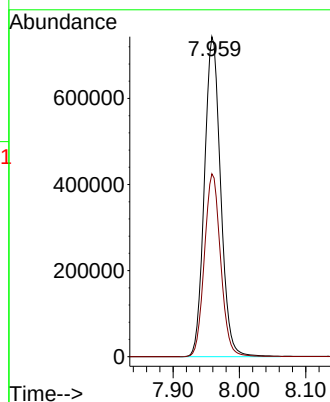
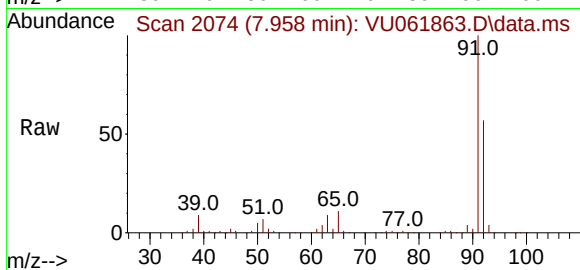
ClientSampleId :

Tgt Ion: 91 Resp: 1263615

Ion Ratio Lower Upper

91 100

92 57.1 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 19.069 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. -0.003 min

Lab File: VU061863.D

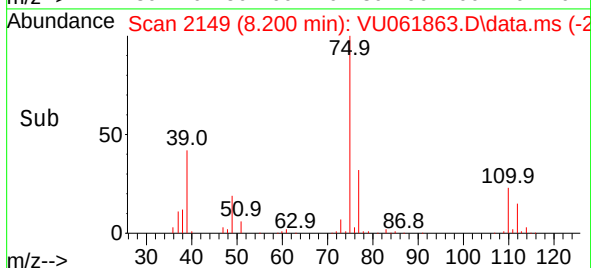
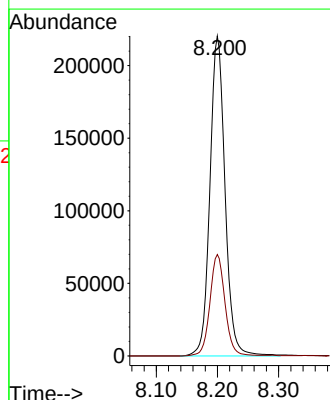
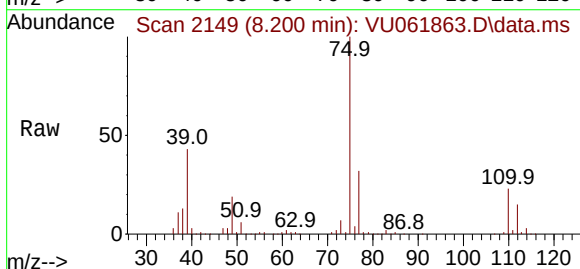
Acq: 20 Nov 2024 13:00

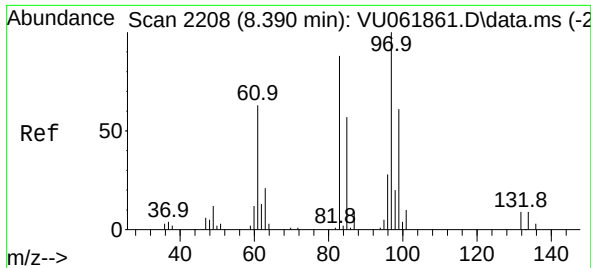
Tgt Ion: 75 Resp: 378966

Ion Ratio Lower Upper

75 100

77 31.7 21.8 40.4



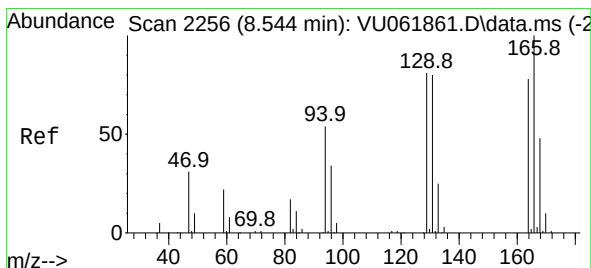
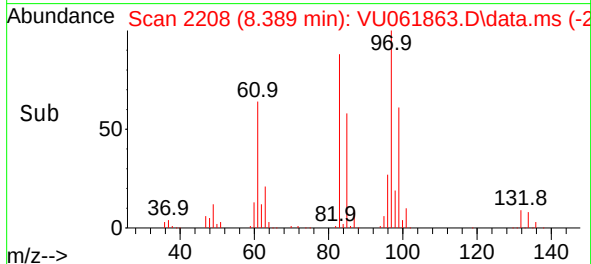
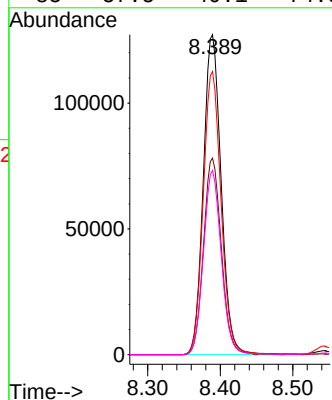
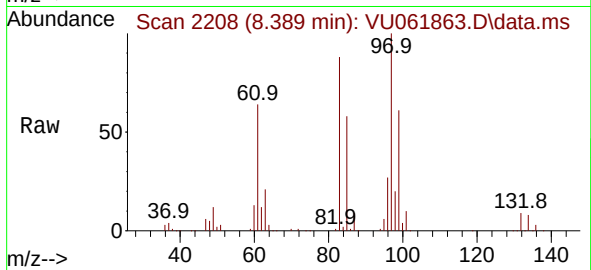


#45
1,1,2-Trichloroethane
Concen: 20.226 ug/L
RT: 8.389 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU061863.D
Acq: 20 Nov 2024 13:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 217144

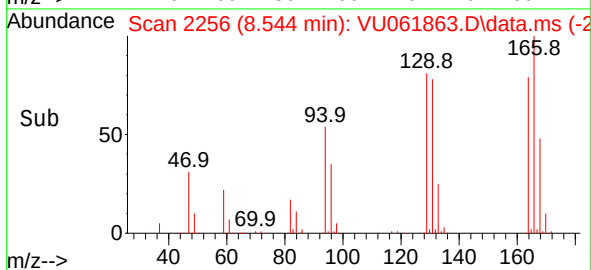
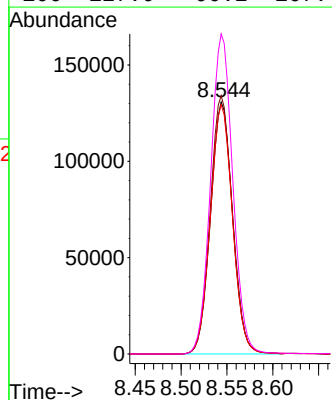
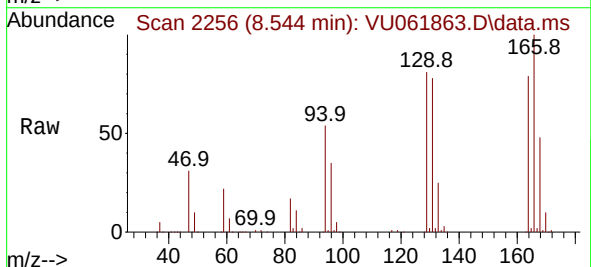
Ion	Ratio	Lower	Upper
97	100		
99	61.5	43.0	79.8
83	88.5	61.7	114.5
85	57.5	40.1	74.5

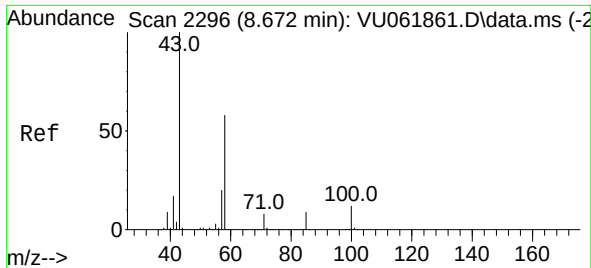


#47
Tetrachloroethene
Concen: 20.410 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU061863.D
Acq: 20 Nov 2024 13:00

Tgt Ion:164 Resp: 219683

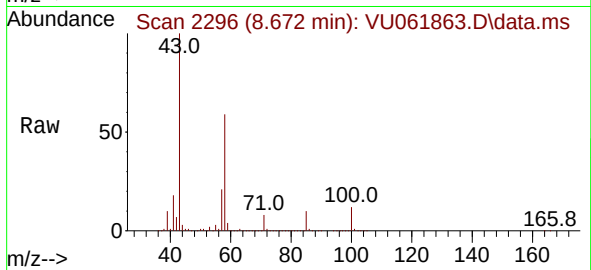
Ion	Ratio	Lower	Upper
164	100		
129	102.5	73.2	136.0
131	98.9	72.3	134.3
166	127.0	90.2	167.4





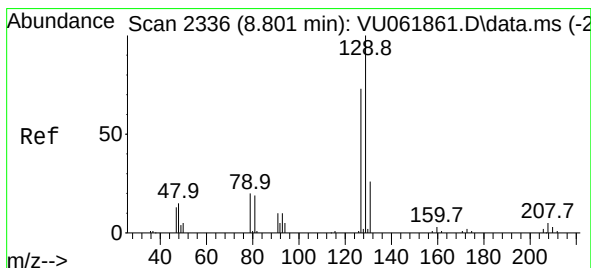
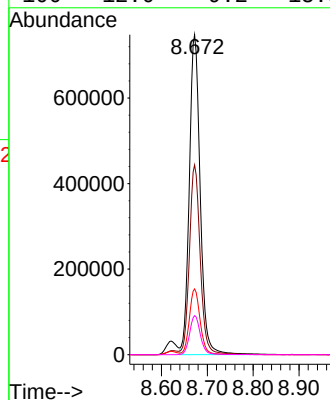
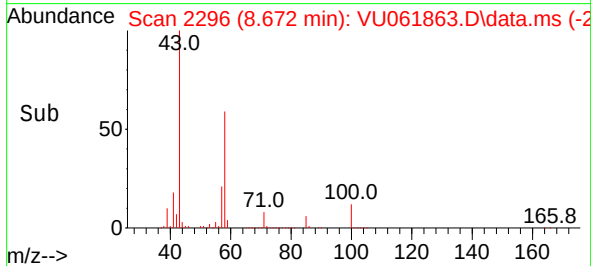
#48
2-Hexanone
Concen: 183.053 ug/L
RT: 8.672 min Scan# 2296
Delta R.T. -0.000 min
Lab File: VU061863.D
Acq: 20 Nov 2024 13:00

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 1235331

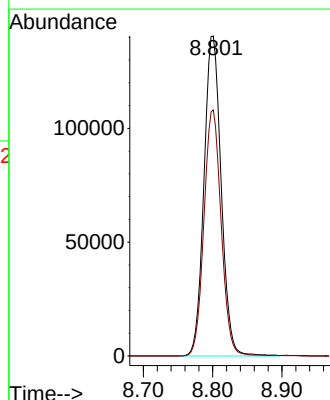
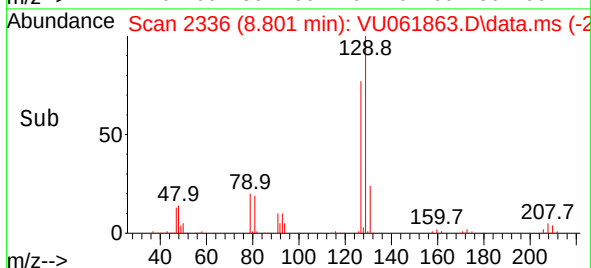
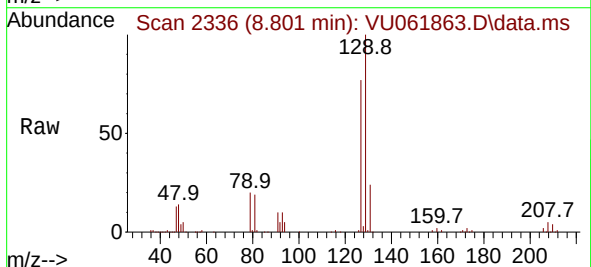
Ion	Ratio	Lower	Upper
43	100		
58	58.8	47.5	71.3
57	20.3	15.6	23.4
100	12.0	9.2	13.8

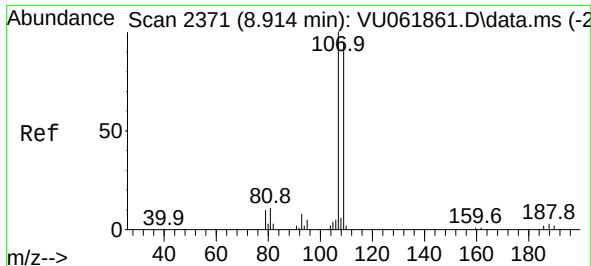


#49
Dibromochloromethane
Concen: 20.072 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU061863.D
Acq: 20 Nov 2024 13:00

Tgt Ion:129 Resp: 242192

Ion	Ratio	Lower	Upper
129	100		
127	76.9	51.1	94.9

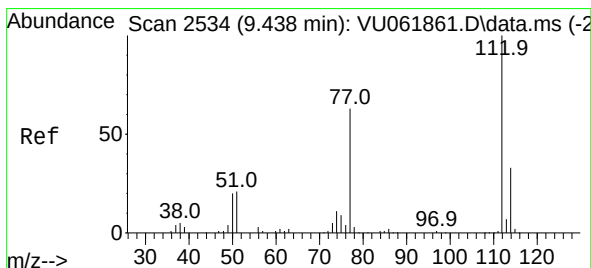
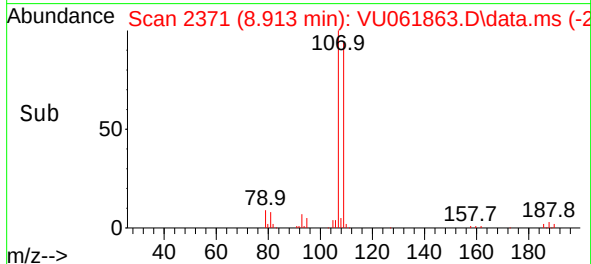
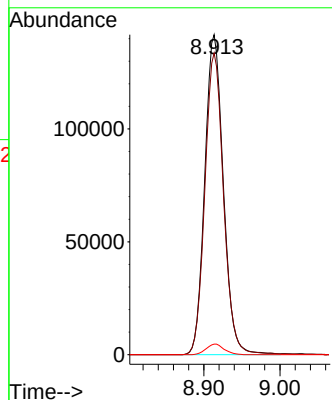
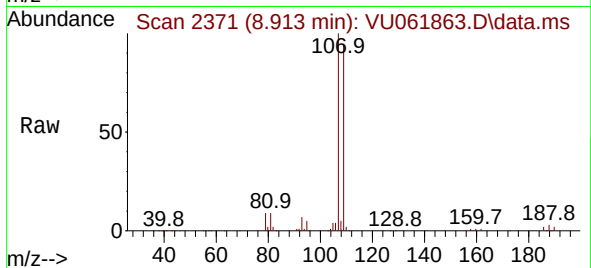




#50
1,2-Dibromoethane
Concen: 24.030 ug/L
RT: 8.913 min Scan# 24
Delta R.T. -0.000 min
Lab File: VU061863.D
Acq: 20 Nov 2024 13:00

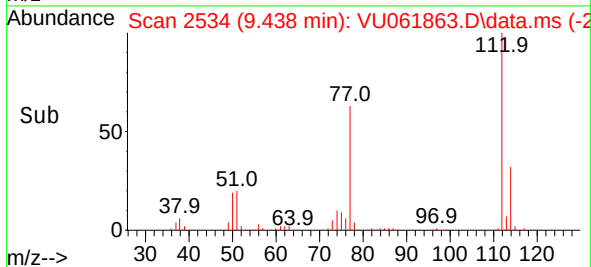
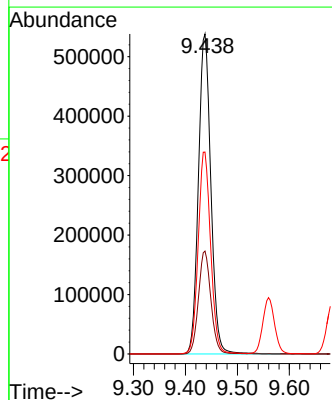
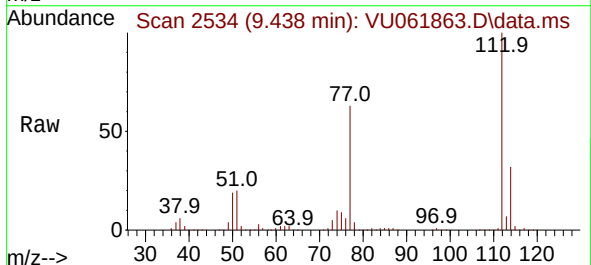
Instrument :
MSVOA_U
ClientSampleId :

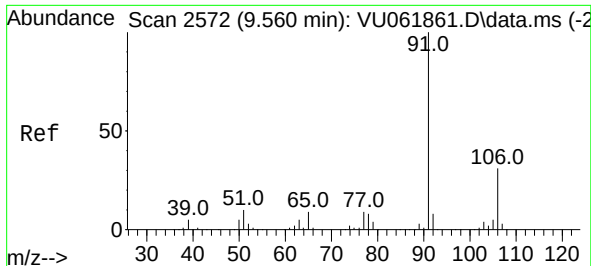
Tgt Ion:107 Resp: 240805
Ion Ratio Lower Upper
107 100
109 94.3 66.8 124.2
188 3.3 2.3 3.5



#51
Chlorobenzene
Concen: 22.875 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU061863.D
Acq: 20 Nov 2024 13:00

Tgt Ion:112 Resp: 894110
Ion Ratio Lower Upper
112 100
114 32.1 23.0 42.6
77 63.1 50.5 75.7

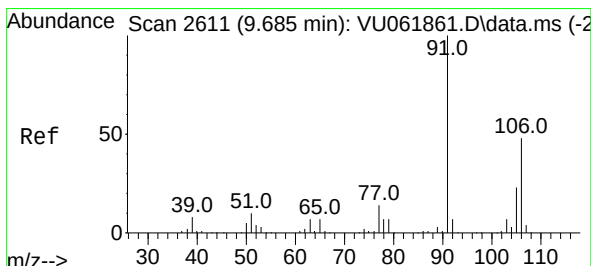
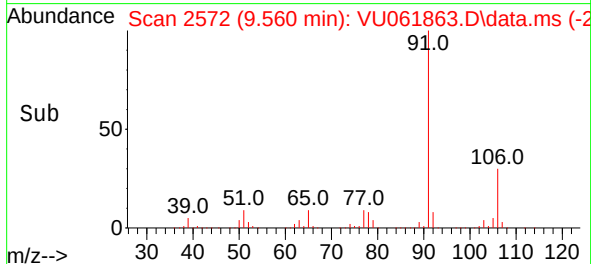
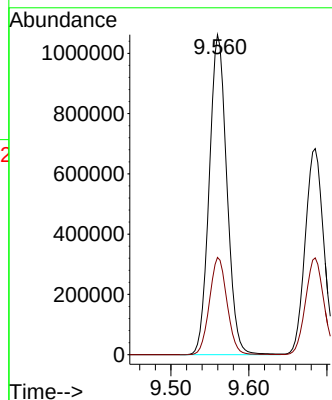
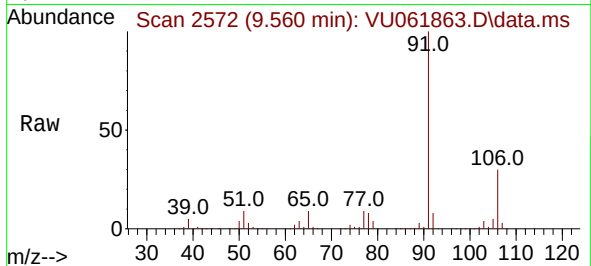




#52
Ethylbenzene
Concen: 23.188 ug/L
RT: 9.560 min Scan# 2572
Delta R.T. -0.000 min
Lab File: VU061863.D
Acq: 20 Nov 2024 13:00

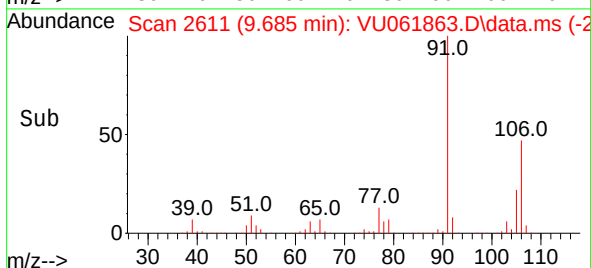
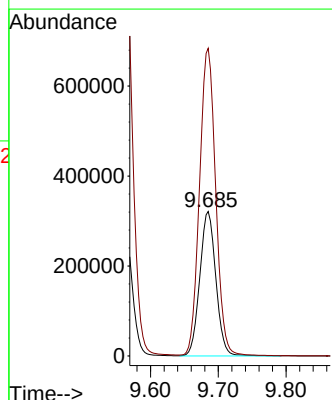
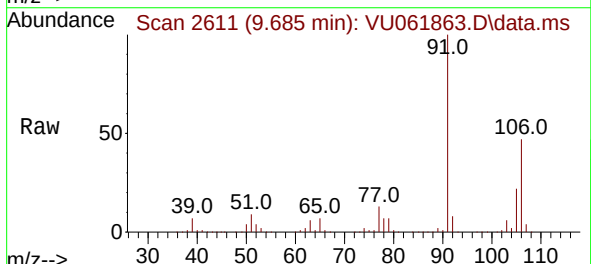
Instrument :
MSVOA_U
ClientSampleId :

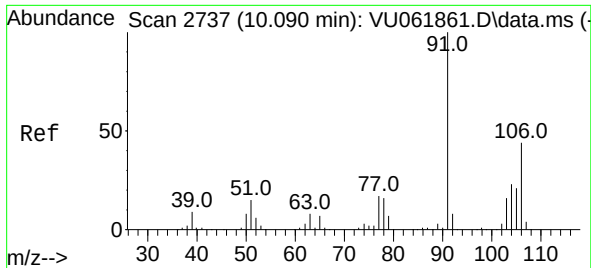
Tgt Ion: 91 Resp: 1666443
Ion Ratio Lower Upper
91 100
106 30.4 21.6 40.0



#53
m,p-Xylene
Concen: 20.018 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU061863.D
Acq: 20 Nov 2024 13:00

Tgt Ion:106 Resp: 528015
Ion Ratio Lower Upper
106 100
91 212.9 147.6 274.0

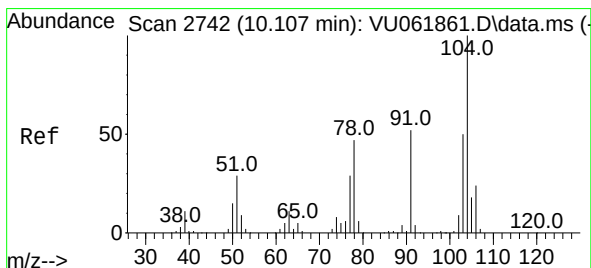
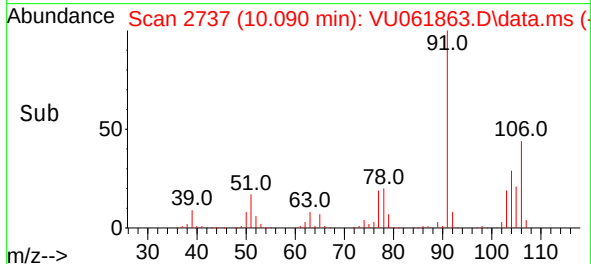
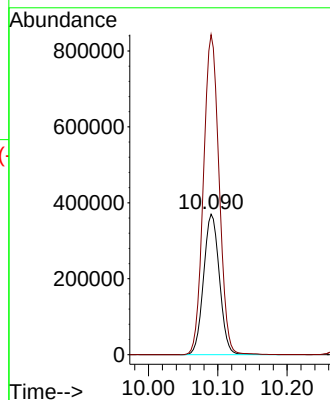
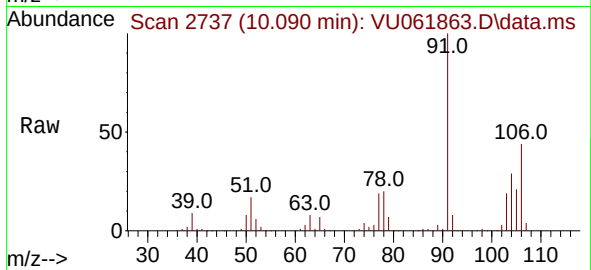




#54
o-Xylene
Concen: 22.752 ug/L
RT: 10.090 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU061863.D
Acq: 20 Nov 2024 13:00

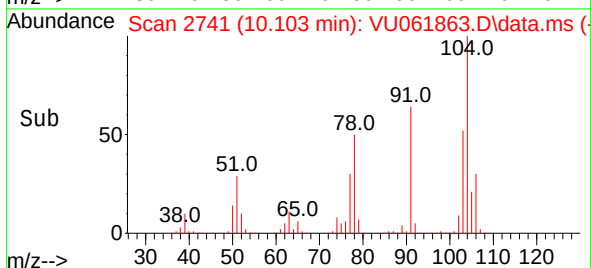
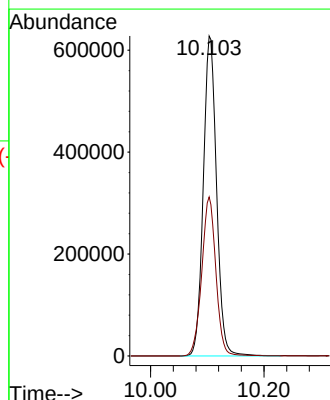
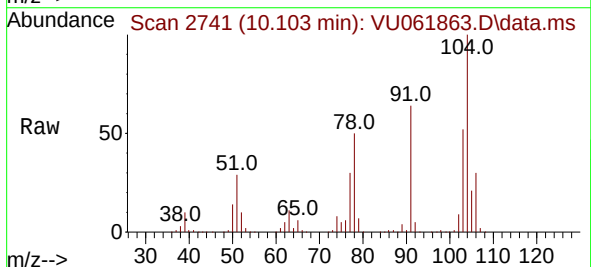
Instrument :
MSVOA_U
ClientSampleId :

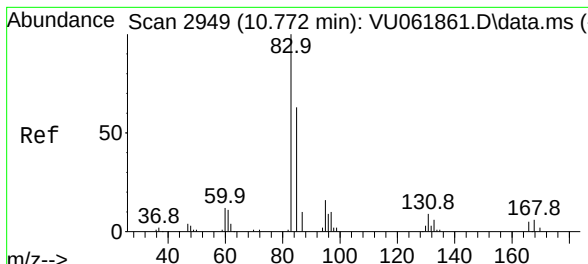
Tgt Ion:106 Resp: 586752
Ion Ratio Lower Upper
106 100
91 227.7 159.8 296.8



#55
Styrene
Concen: 24.385 ug/L
RT: 10.103 min Scan# 2741
Delta R.T. -0.003 min
Lab File: VU061863.D
Acq: 20 Nov 2024 13:00

Tgt Ion:104 Resp: 1020000
Ion Ratio Lower Upper
104 100
78 49.7 33.2 61.7

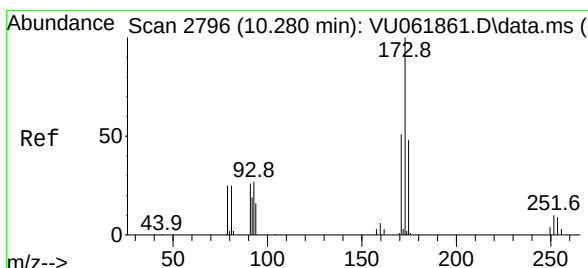
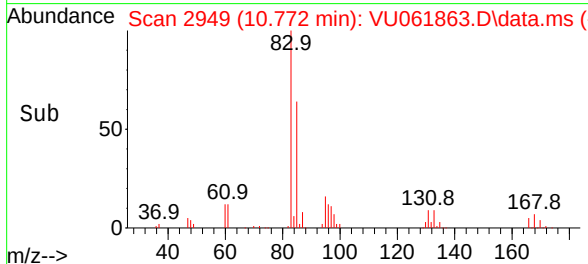
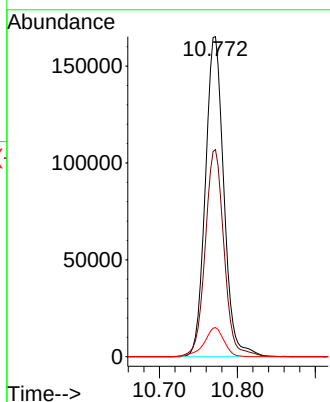
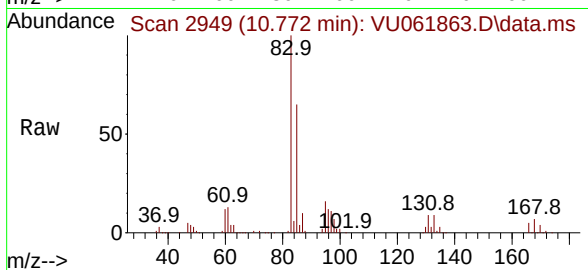




#57
1,1,2,2-Tetrachloroethane
Concen: 19.641 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU061863.D
Acq: 20 Nov 2024 13:00

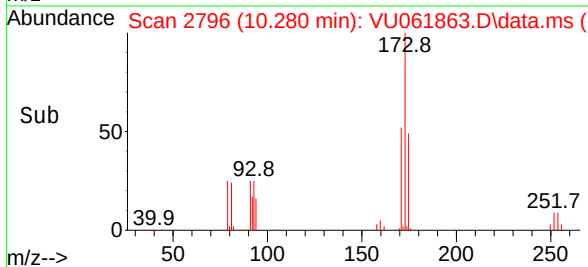
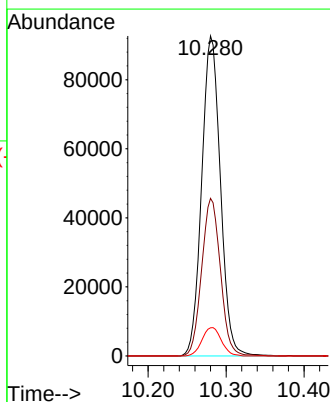
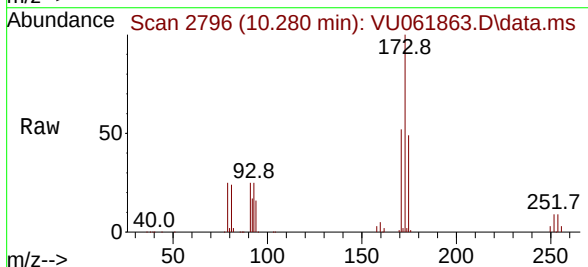
Instrument :
MSVOA_U
ClientSampleId :

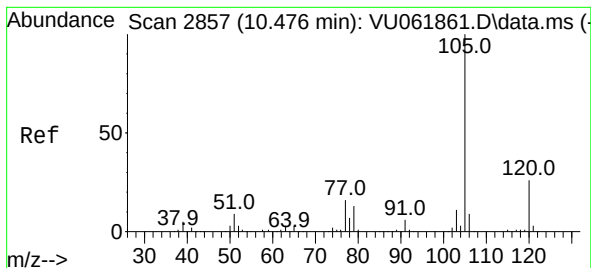
Tgt Ion: 83 Resp: 272639
Ion Ratio Lower Upper
83 100
85 64.7 44.4 82.4
131 9.1 7.3 10.9



#59
Bromoform
Concen: 25.723 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. -0.000 min
Lab File: VU061863.D
Acq: 20 Nov 2024 13:00

Tgt Ion: 173 Resp: 154619
Ion Ratio Lower Upper
173 100
175 49.2 39.0 58.4
254 9.2 7.4 11.0





#60

Isopropylbenzene

Concen: 23.383 ug/L

RT: 10.476 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU061863.D

Acq: 20 Nov 2024 13:00

Instrument :

MSVOA_U

ClientSampleId :

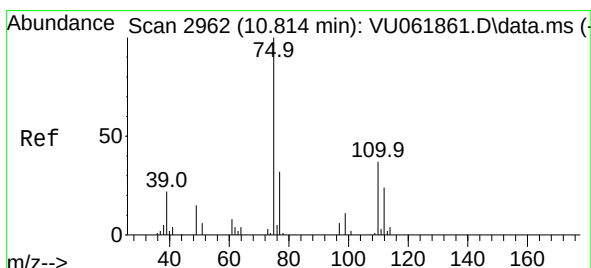
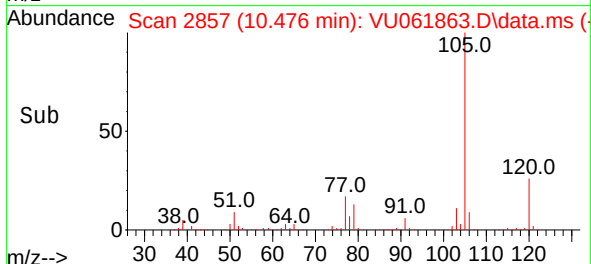
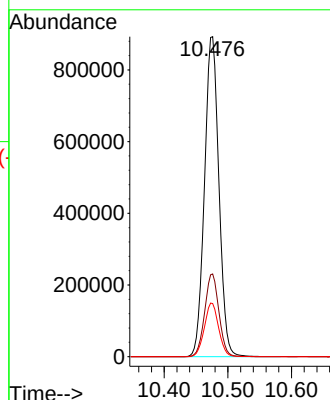
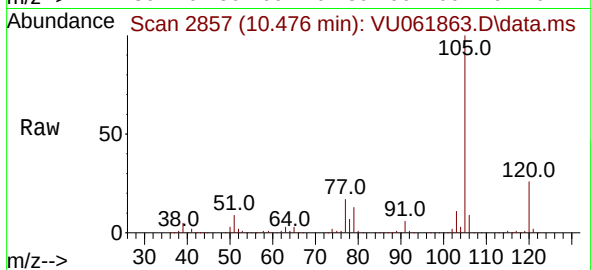
Tgt Ion:105 Resp: 1404953

Ion Ratio Lower Upper

105 100

120 25.6 20.6 31.0

77 16.6 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 21.454 ug/L

RT: 10.810 min Scan# 2961

Delta R.T. -0.003 min

Lab File: VU061863.D

Acq: 20 Nov 2024 13:00

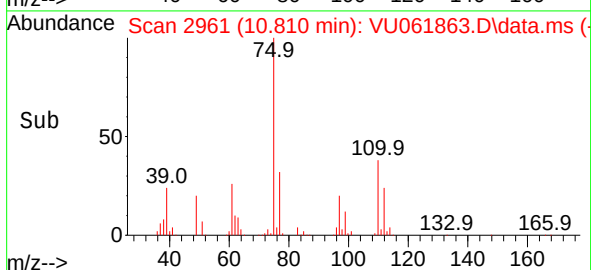
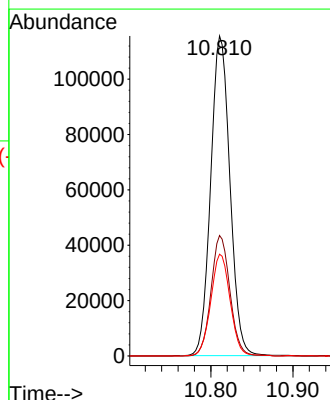
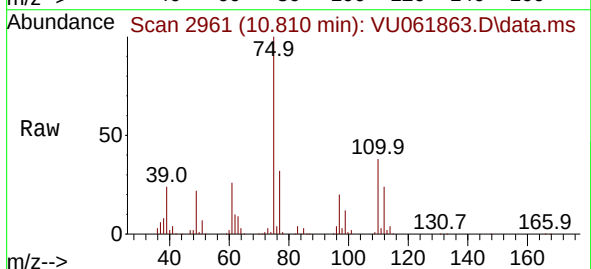
Tgt Ion: 75 Resp: 188174

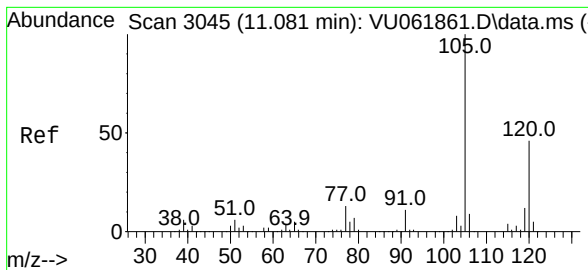
Ion Ratio Lower Upper

75 100

110 37.0 28.9 43.3

77 32.1 26.5 39.7

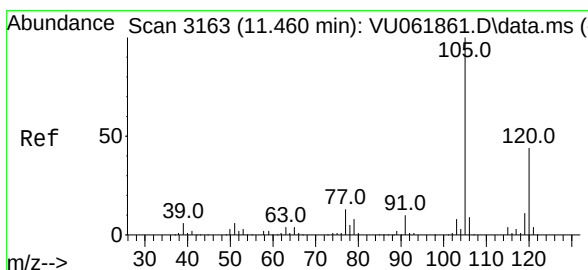
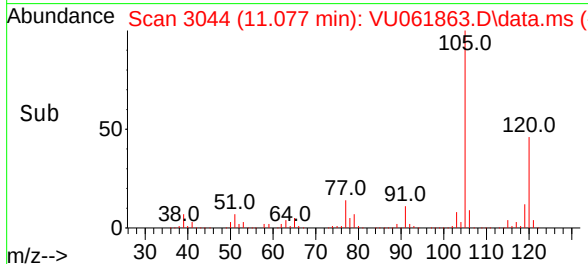
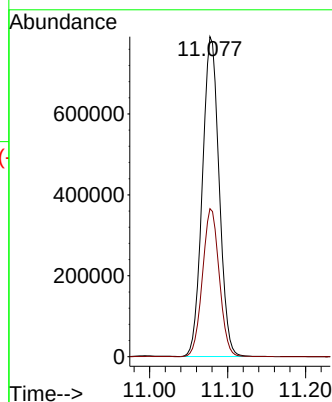
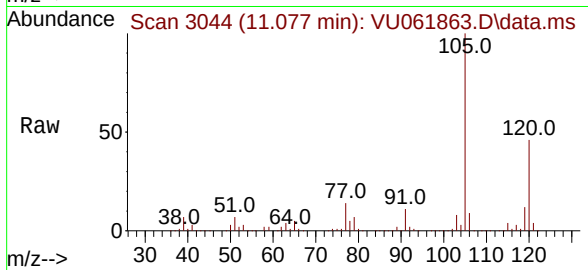




#62
1,3,5-Trimethylbenzene
Concen: 22.659 ug/L
RT: 11.077 min Scan# 3044
Delta R.T. -0.003 min
Lab File: VU061863.D
Acq: 20 Nov 2024 13:00

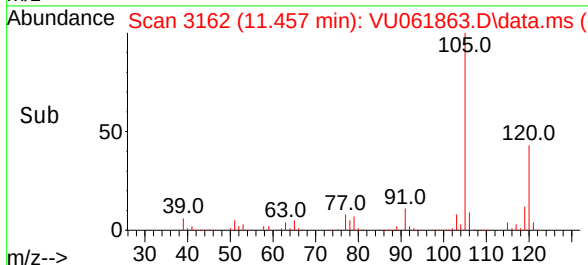
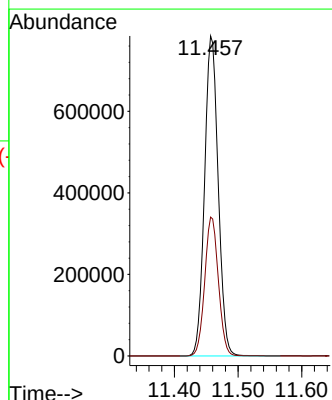
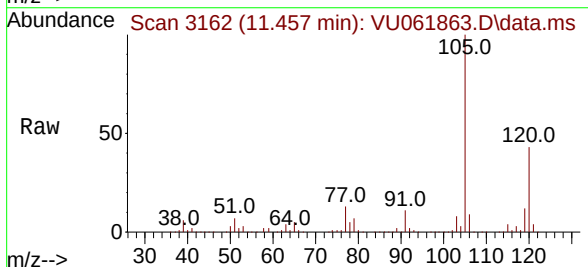
Instrument :
MSVOA_U
ClientSampleId :

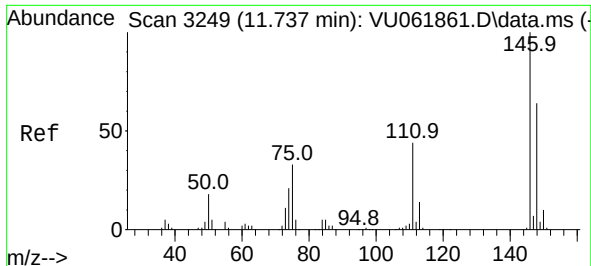
Tgt Ion:105 Resp: 1181383
Ion Ratio Lower Upper
105 100
120 46.4 36.7 55.1



#63
1,2,4-Trimethylbenzene
Concen: 22.706 ug/L
RT: 11.457 min Scan# 3162
Delta R.T. -0.003 min
Lab File: VU061863.D
Acq: 20 Nov 2024 13:00

Tgt Ion:105 Resp: 1167720
Ion Ratio Lower Upper
105 100
120 43.4 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 23.359 ug/L

RT: 11.736 min Scan# 3249

Delta R.T. -0.000 min

Lab File: VU061863.D

Acq: 20 Nov 2024 13:00

Instrument :

MSVOA_U

ClientSampleId :

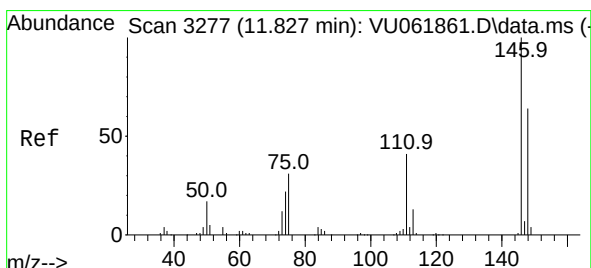
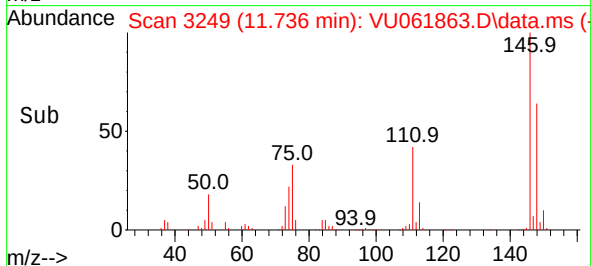
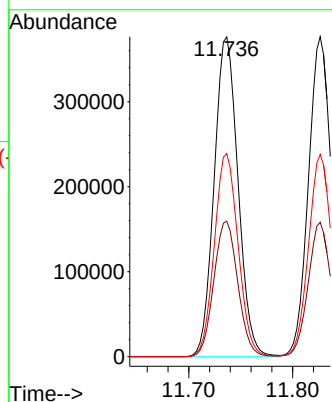
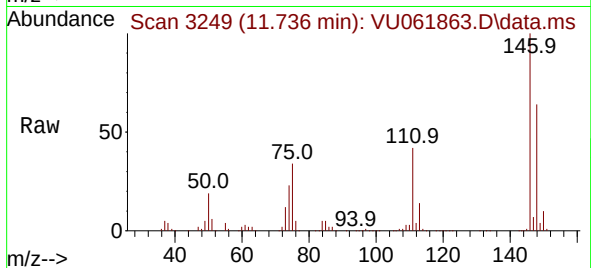
Tgt Ion:146 Resp: 601305

Ion Ratio Lower Upper

146 100

111 42.4 30.7 57.1

148 63.6 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 23.117 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VU061863.D

Acq: 20 Nov 2024 13:00

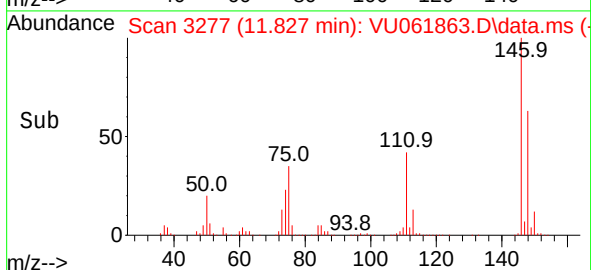
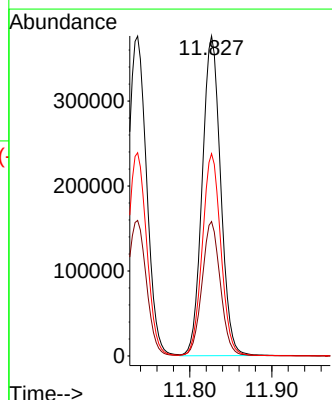
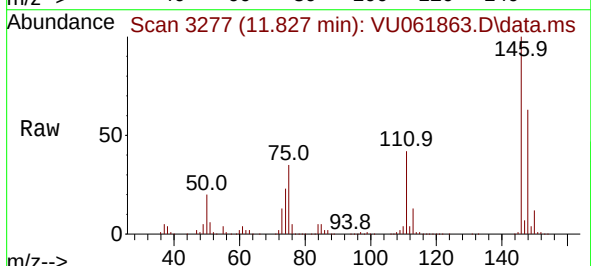
Tgt Ion:146 Resp: 588087

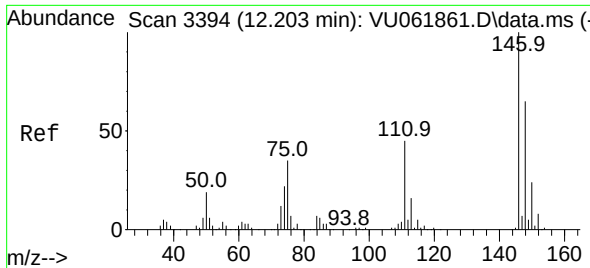
Ion Ratio Lower Upper

146 100

111 42.0 29.3 54.3

148 63.2 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 24.276 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU061863.D

Acq: 20 Nov 2024 13:00

Instrument :

MSVOA_U

ClientSampleId :

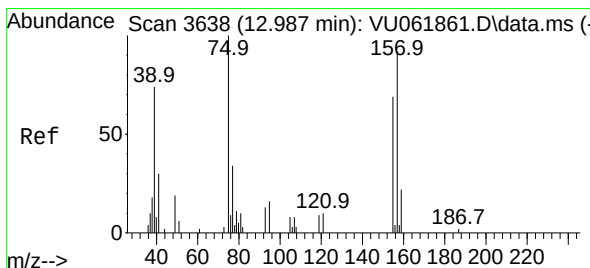
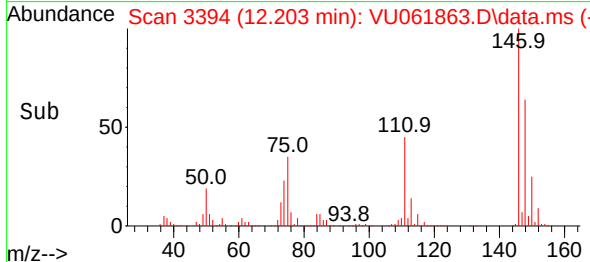
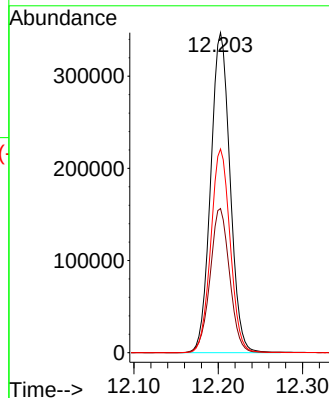
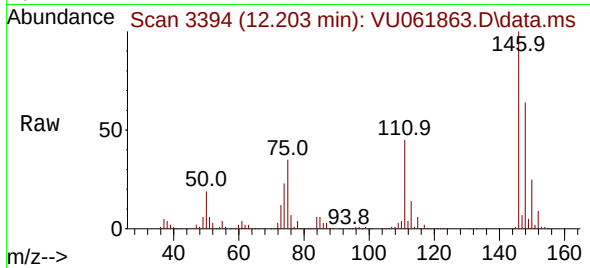
Tgt Ion:146 Resp: 555152

Ion Ratio Lower Upper

146 100

111 45.0 36.0 54.0

148 63.7 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 23.236 ug/L

RT: 12.984 min Scan# 3637

Delta R.T. -0.003 min

Lab File: VU061863.D

Acq: 20 Nov 2024 13:00

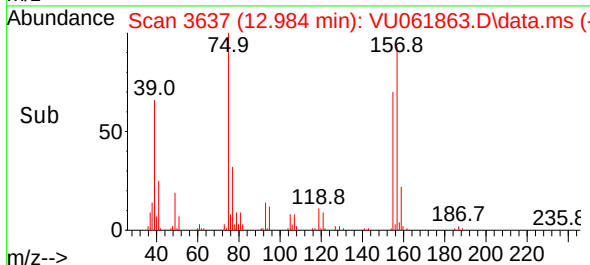
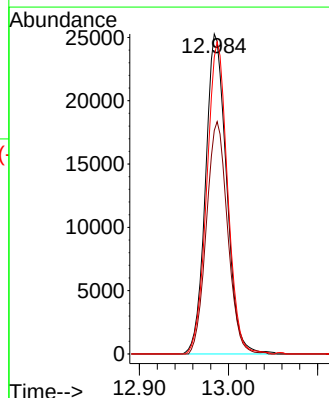
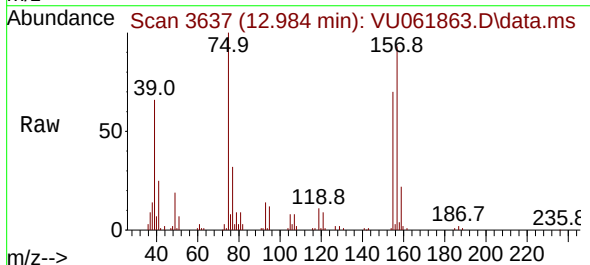
Tgt Ion: 75 Resp: 41377

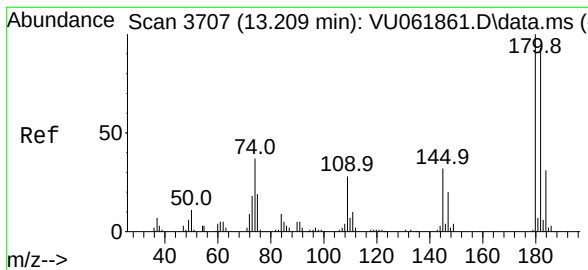
Ion Ratio Lower Upper

75 100

155 69.8 55.2 82.8

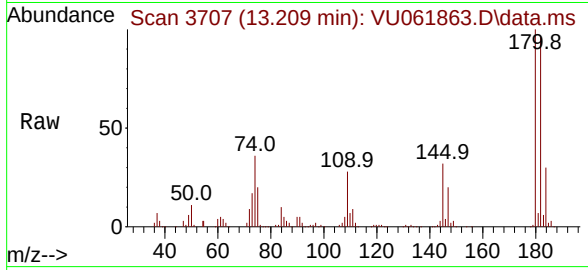
157 92.8 73.5 110.3



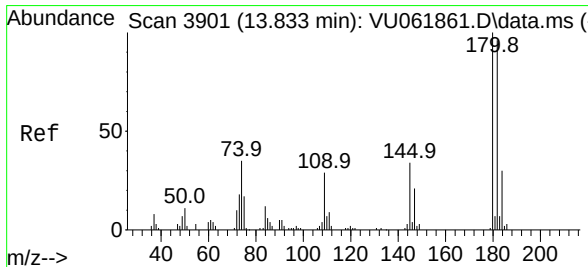
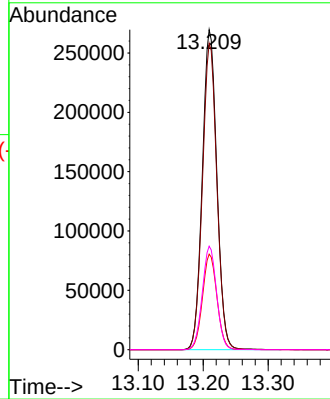
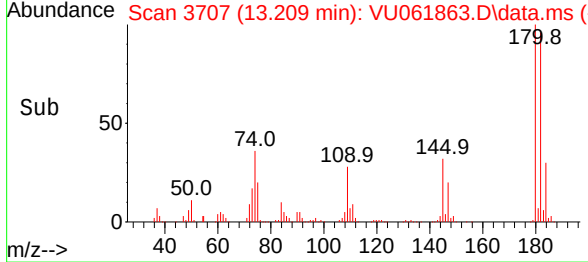


#69
 1,3,5-Trichlorobenzene
 Concen: 24.540 ug/L
 RT: 13.209 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU061863.D
 Acq: 20 Nov 2024 13:00

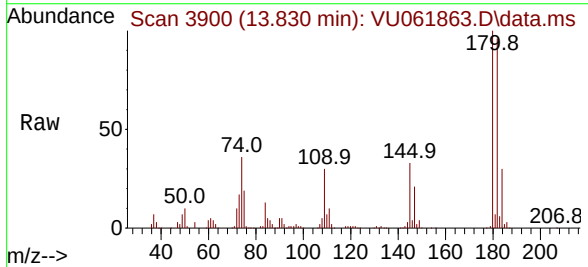
Instrument :
 MSVOA_U
 ClientSampleId :



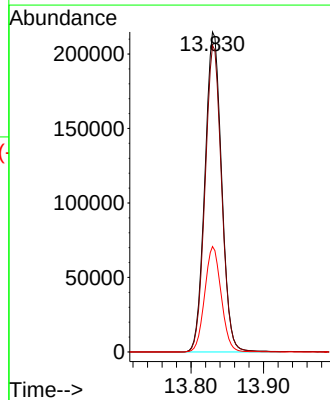
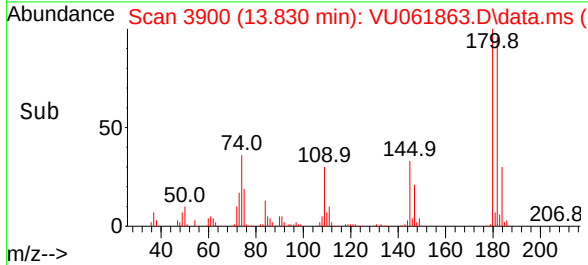
Tgt Ion:180 Resp: 420014
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.7 115.1
 184 29.8 24.8 37.2
 145 32.0 25.4 38.0

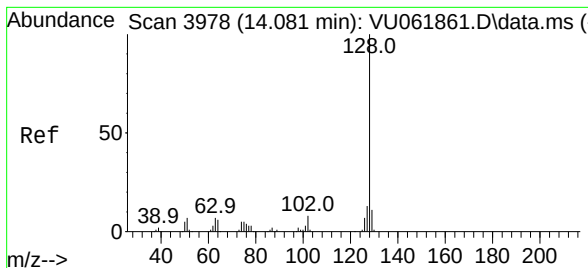


#70
 1,2,4-trichlorobenzene
 Concen: 26.152 ug/L
 RT: 13.830 min Scan# 3900
 Delta R.T. -0.003 min
 Lab File: VU061863.D
 Acq: 20 Nov 2024 13:00



Tgt Ion:180 Resp: 343561
 Ion Ratio Lower Upper
 180 100
 182 95.0 74.5 111.7
 145 32.5 25.6 38.4





#71

Naphthalene

Concen: 28.135 ug/L

RT: 14.077 min Scan# 3977

Delta R.T. -0.003 min

Lab File: VU061863.D

Acq: 20 Nov 2024 13:00

Instrument :

MSVOA_U

ClientSampleId :

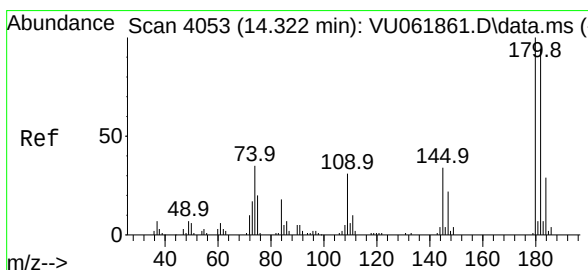
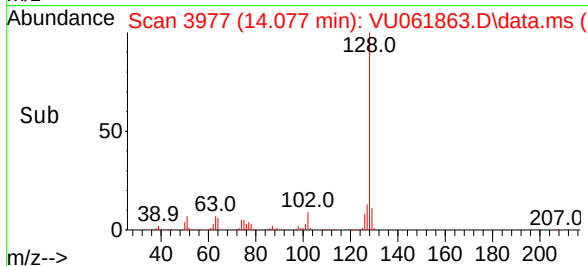
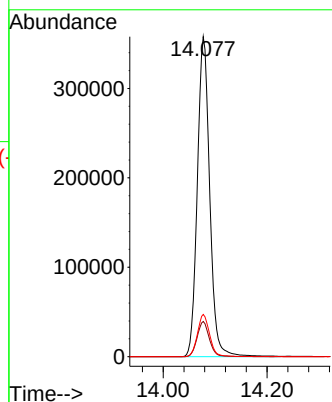
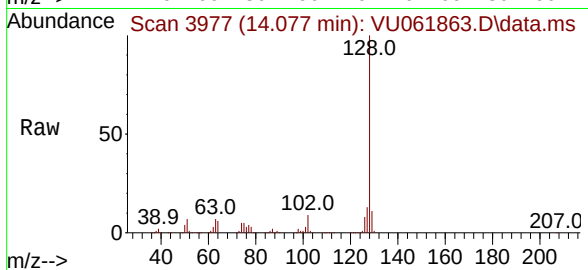
Tgt Ion:128 Resp: 592158

Ion Ratio Lower Upper

128 100

129 10.9 8.5 12.7

127 13.0 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 26.262 ug/L

RT: 14.318 min Scan# 4052

Delta R.T. -0.003 min

Lab File: VU061863.D

Acq: 20 Nov 2024 13:00

Tgt Ion:180 Resp: 287898

Ion Ratio Lower Upper

180 100

182 95.7 76.1 114.1

145 34.3 27.4 41.0

